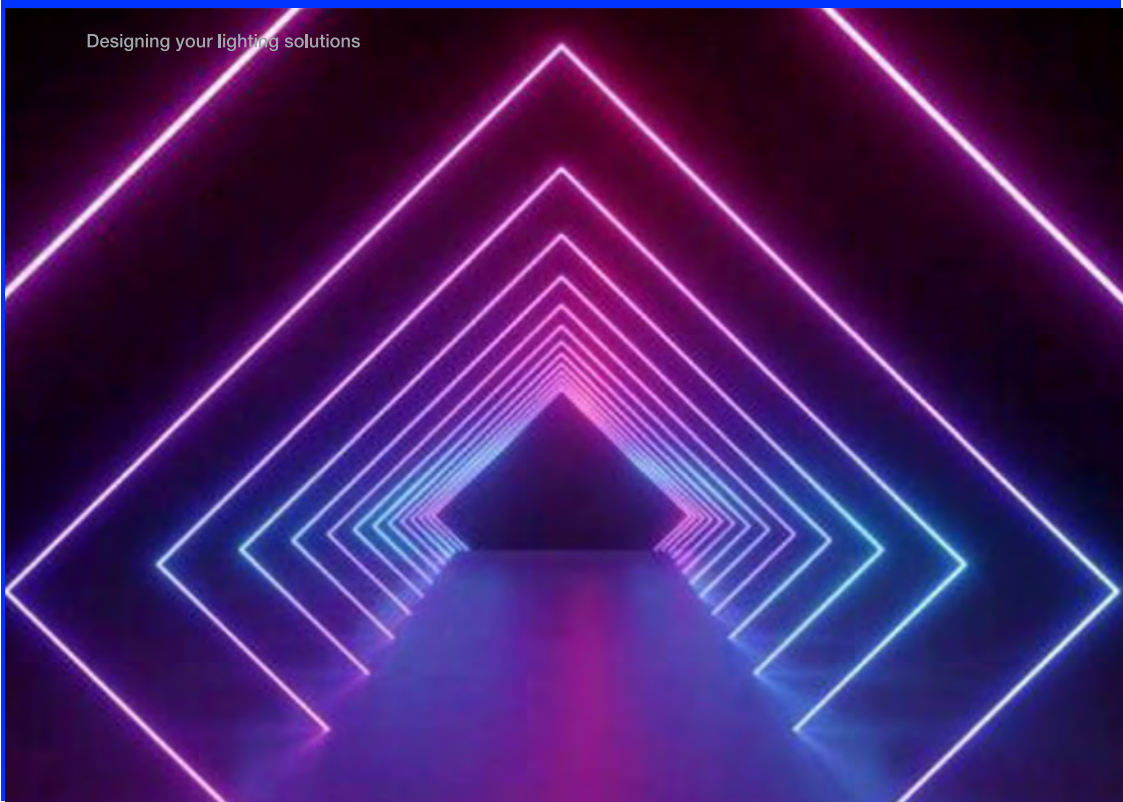




# Commercial flexible LED

Designing your lighting solutions



## LEDLINE RONDO WHT



-LEDLINE Rondo WHT, DC24V.  
Section size with diameter 25mm/0.98".  
- Compared with traditional neon flex, it has good flexibility, simple and fashionable appearance.  
-Thanks to the unique optical structure design, it is 360° luminous uniformity without any shadow.  
-IP65 protected, UV resistant, chemical resistant and flame retardant.

### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> 60°C /140°F <sub>max</sub>
Ambient Temperature	Ta <sub>min</sub> =-25°C /-13°F, Ta <sub>max</sub> (Table below)
CRI	Ra90
LED Distance	8.33mm
Mini Cutting Unit	12 LEDs
Beam Angle	360°
Package length	≤ 5m

LEDLINE Rondo	Low output	STD output
Power(W/m W/ft)	5/1.5	10/3.1
Efficacy(lm/W) @4000K	60	56
Max. Ambient temp.(Ta <sub>max</sub> )	55°C /131°F	45°C /113°F

(Lm/m)

CCT	2700K	3000K	3500K	4000K	6000K	Max. Run Length	Unit Cut
Power							
5W/M	276	284	306	298	302	5M	50mm
*10W/M	517	529	600	556	586	5M	50mm

Note:

- The product is not available for cutting.
- When ambient temperature reaches 55°C, the power is suggested to be 5W/M.
- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.



## LEDLINE RONDO IQ



-LEDLINE RONDO IQ, DC24V.  
Section size with diameter 25mm/0.98".  
- Compared with traditional neon flex, it has good flexibility, simple and fashionable appearance.  
-Thanks to the unique optical structure design, it is 360° luminous uniformity without any shadow.  
-IP65 protected, UV resistant, chemical resistant and flame retardant.

### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> 60°C /140°F <sub>max</sub>
Ambient Temperature	Ta <sub>min</sub> =-25°C /-13°F, Ta <sub>max</sub> =45°C /113°F@10W Ta <sub>max</sub> =55°C /131°F@5W(Single Color)
CRI	Ra90
Beam Angle	360°
Package length	≤ 5m
Power(W/m W/ft)	10/3
Efficacy (lm/W)@5000	50

CCT	LM/Mtr	Max. Watt	Max. Run Length	Unit Cut
2700K	258	5W/M	5M	50mm
5000K	262	5W/M	5M	50mm
2700K+5000K	517	10W/M	5M	50mm

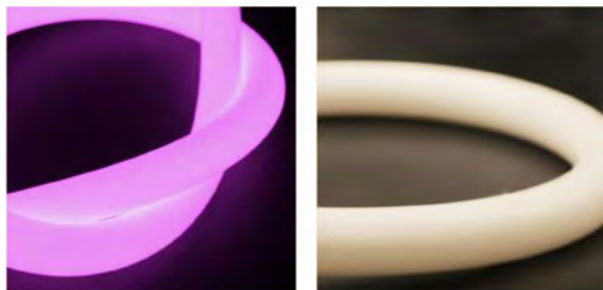
Note:

- The product is not available for cutting.
- When ambient temperature reaches 55°C, the power is suggested to be 5W/M.
- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.





## LEDLINE RONDO RGB



–LEDLINE RONDO RGB, DC24V. Section size with diameter 25mm/0.98".  
 – Compared with traditional neon flex, it has good flexibility, simple and fashionable appearance.  
 –Thanks to the unique optical structure design, it is 360° luminous uniformity without any shadow.  
 –IP65 protected, UV resistant, chemical resistant and flame retardant.

### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	T <sub>a min</sub> =-25°C /-13°F, T <sub>a max</sub> =45°C /113°F
Beam Angle	360°
Package length	≤ 5m
Power(W/m W/ft)	10/3
Efficacy (lm/W)	24



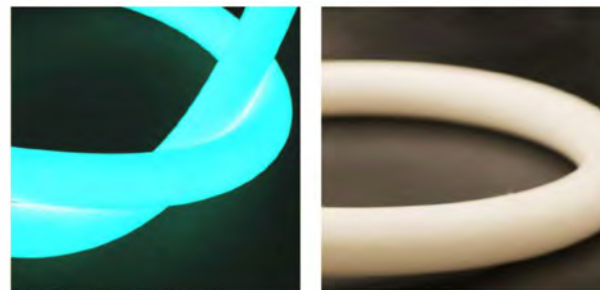
CCT	LM/Mtr	Max. Watt	Max. Run Length	Unit Cut
R	56	3.3W/M	5M	50mm
G	162	3.3W/M	5M	50mm
B	26	3.3W/M	5M	50mm
RGB	248	10W/M	5M	50mm

### Note:

- The product is not available for cutting.
- When ambient temperature reaches 55°C, the power is suggested to be 5W/M.
- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.



## LEDLINE RONDO RGBW



–LEDLINE RONDO RGBW, DC24V. Section size with diameter 25mm/0.98".  
 – Compared with traditional neon flex, it has good flexibility, simple and fashionable appearance.  
 –Thanks to the unique optical structure design, it is 360° luminous uniformity without any shadow.  
 –IP65 protected, UV resistant, chemical resistant and flame retardant.

### Electrical data

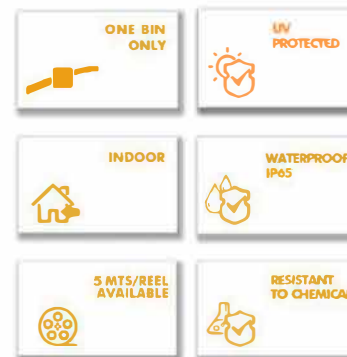
Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	T <sub>a min</sub> =-25°C /-13°F, T <sub>a max</sub> =35°C /95°F
Beam Angle	360°
Package length	≤ 5m
Power(W/m W/ft)	16/4.9
Efficacy (lm/W)@3200	32



CCT	LM/Mtr	Max. Watt	Max. Run Length	Unit Cut
R	58	4W/M	5M	50mm
G	194	4W/M	5M	50mm
B	32	4W/M	5M	50mm
W22	200	4W/M	5M	50mm
W27	219	4W/M	5M	50mm
W32	224	4W/M	5M	50mm
W45	226	4W/M	5M	50mm
W55	237	4W/M	5M	50mm
W65	229	4W/M	5M	50mm
RGBW	510	16W/M	5M	50mm

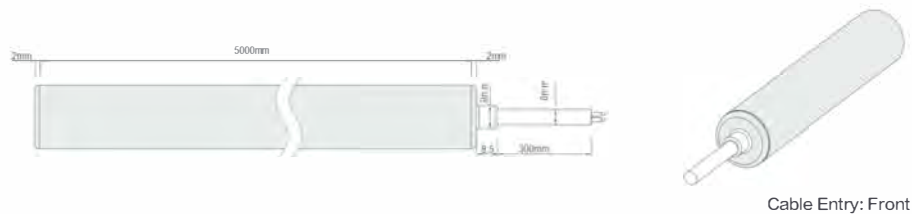
### Note:

- The product is not available for cutting.
- When ambient temperature reaches 55°C, the power is suggested to be 5W/M.
- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.

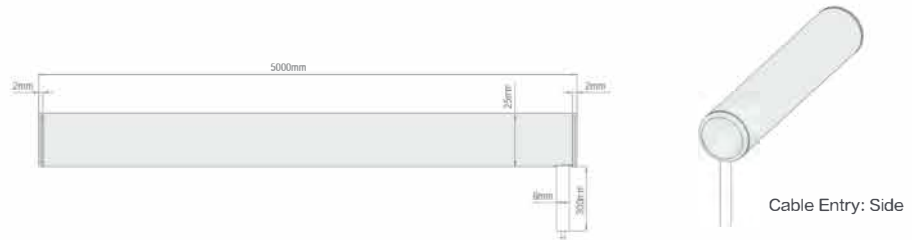


DIMENSION

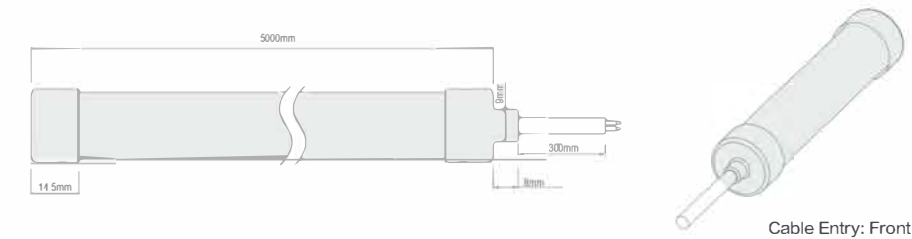
Front entry Integral End Cap (IP65)



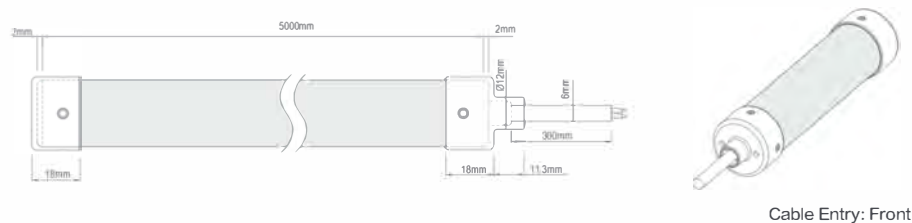
Side entry Intergral End Cap (IP65)



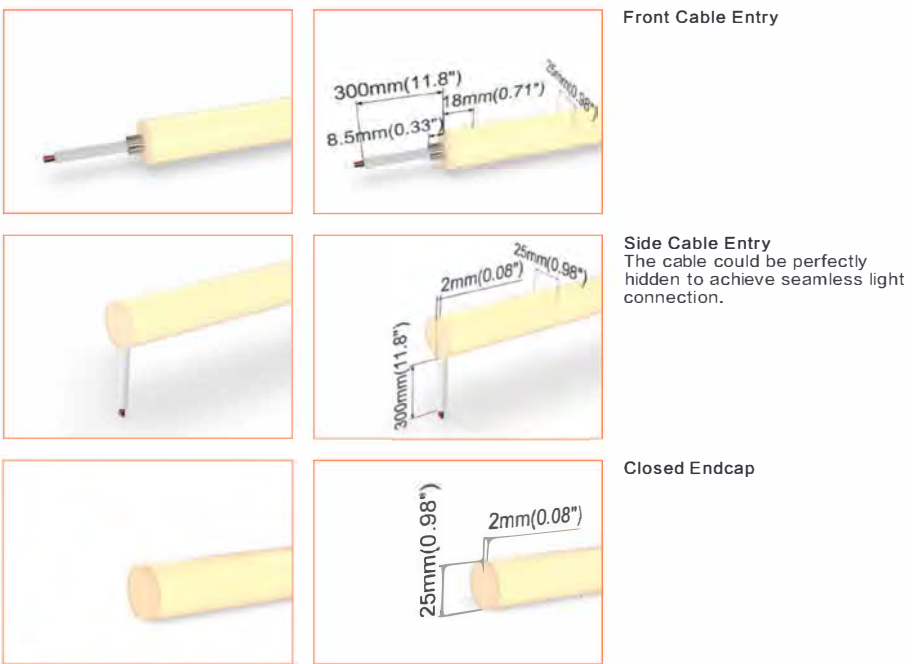
Silicone End Cap (IP65)



Metal End Cap (IP65)

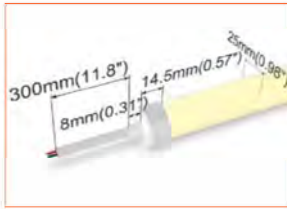


INTEGRATED ENDCAP CABLE ENTRY

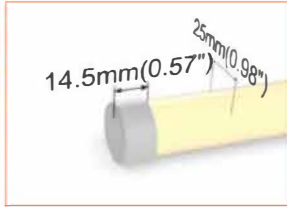


ASSEMBLE ENDCAP CABLE ENTRY

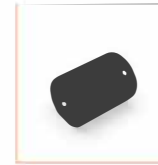




Front Cable Entry



Closed Endcap



Connector for Side out let  
Order Code: AC209  
Material: Aluminum Alloy  
Size: 27.6x37mm  
One Bag: 1 set of black anode accessories on AL6061 aluminum surface, 8pcs screws(only used in intergated end cap-side cable entry)



Concealed PC Mounting Clips  
Order Code: AC215  
Material: PC  
One Bag: 4 pairs of concealed PC clips + 20pcs screw + 4pcs rubber plugs



Connector  
Order Code: AC210  
Material: Aluminum Alloy  
Size: 27.6x37mm  
One Bag: 1 set of black anode accessories on AL6061 aluminum surface, 8pcs screws(only used in intergated end cap without wire)



Adjustable Horizontal Lifting Clip Accessories  
Order Code: AC217  
Material: PC  
One Set: 2pcs PC clips , 2pcs fix-components, 2 sets of adjustable rods



Horizontal Lifting Profile Accessories  
Order Code: AC211  
Material: Stainless Steel, PC  
Profile/Wire Length: 1000mm/39.37"  
One Bag: 1pcs PC profile, 2 sets of hanging wires + screws



Adjustable Horizontal Lifting Profile Accessories  
Order Code: AC218  
Material: PC  
Profile Length: 1000mm/39.37"  
One Set: 1pcs PC profile, 2pcs fix-components, 2 sets of adjustable rods

## ACCESSORIES



PC Profile  
Order Code: AC200  
Dimension: 1000x30x27.4mm/39.37"x1.18"x1.08"(LxWxH)  
Material: Plastic  
One set: 1pcs transparent PC profile, 3pcs screws, 3pcs rubber plugs



Surface vertical lifting accessories-Fixtures A  
Order Code: AC206  
Material: Aluminum Alloy  
Size: 38x41mm  
One Bag: 1 set of black anode parts on AL6061 aluminum surface, 2 pairs of screw plugs



PC Mounting Clips  
Order Code: AC201  
Dimension: 20x30x27.4mm/0.78"x1.18"x1.08"(LxWxH)  
Material: Plastic  
One bag: 4pcs PC transparent PC clips, 4 screw, 4pcs rubber plugs



Surface Vertical Lifting Accessories - B  
Order Code: AC207  
Material: Stainless Steel  
Wire Length: 1000mm/39.37"  
One Bag: 1 set of surface vertical lifting accessories, 1pcs screw, 1pcs rubber plug (for 2pin single colors only)



Closed PC Mounting Clips  
Order Code: AC213  
Material: Stainless Steel, PC  
One Bag: 4 pairs of closed PC clips + 4pcs screw + 4pcs rubber plugs



Adjustable Horizontal Lifting Closed Clip Accessories  
Order Code: AC219  
Material: PC  
One Set: 2 pairs of closed clips, 2pcs fix-components, 2 sets of adjustable rods



Surface Lifting Closed Clip Accessories  
Order Code: AC214  
Material: Stainless Steel, PC  
One Bag: 2 pairs of closed PC clips, 2 sets of hanging wires, 2 fix-components



Adjustable Horizontal Lifting Concealed Clip Accessories  
Order Code: AC220  
Material: PC  
One Set: 2 pairs of concealed clips , 8pcs screws, 2pcs fix-components, 2 sets of adjustable rods



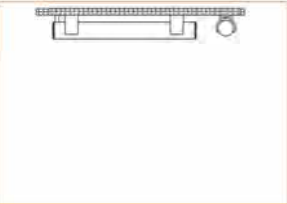
Horizontal Lifting Clip Accessories  
Order Code: AC204  
Material: Stainless Steel, PC  
Wire Length: 1000mm/39.37"  
One Bag: 2pcs PC clips, 2 sets of hanging wires + screws



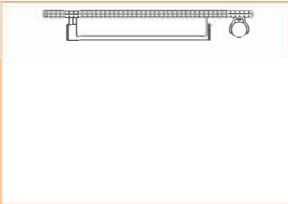
Surface U-shaped lifting accessories  
Order Code: AC208  
Material: Aluminum Alloy  
Size: 38x41mm  
One Bag: 2 sets of black anode parts on AL6061 aluminum surface, 4 pairs of screw plugs



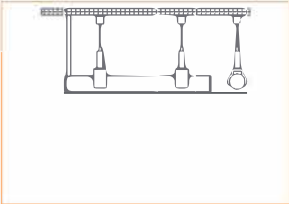
INSTALLATION METHOD



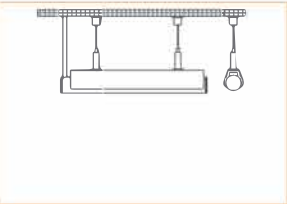
Surface Mounting - Open Clips



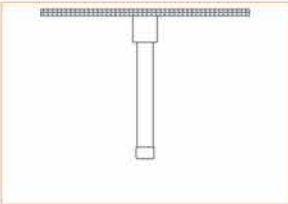
Surface Mounting - Profile



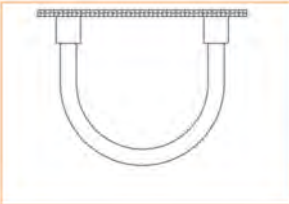
Horizontal Mounting - Open Clips



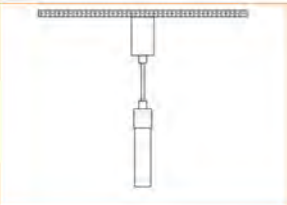
Horizontal Mounting - Profile



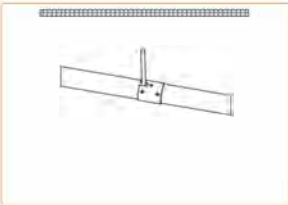
Vertical Mounting



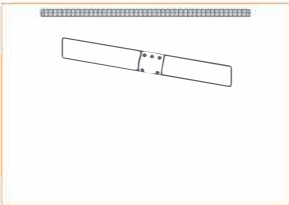
U-Shaped Mounting



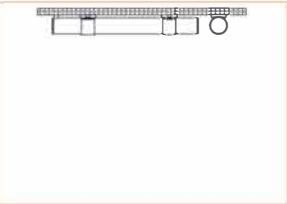
Vertical Pendant Mounting



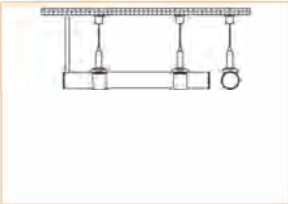
Side Feed Connector



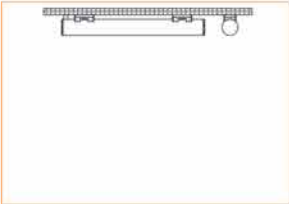
End Feed Connector



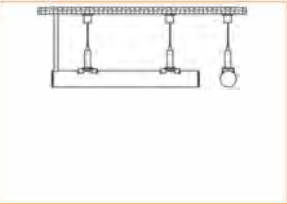
Surface Mounting - Closed Clips



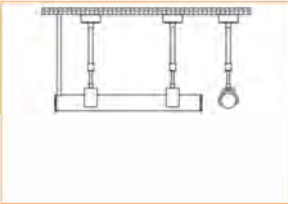
Horizontal Mounting - Closed Clips



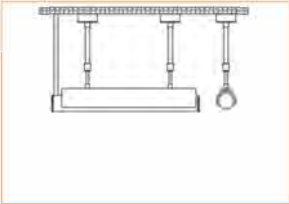
Surface Mounting - Concealed Clips



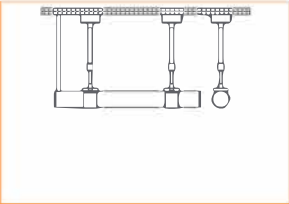
Adjustable Mounting - Concealed Clips



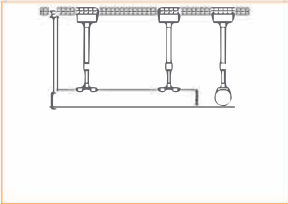
Adjustable Mounting - Open Clips



Adjustable Mounting - Profile



Adjustable Mounting - Closed Clips



Adjustable Mounting - Concealed Clips

ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
Rondo	27=2700K	05000=5M/196.85"	005=5W	F=FRONT
	30=3000K		010=10W	
	35=3500K			
	40=4000K			
	60=6000K			

Example:  
Rondo -30-01500-005-F  
LEDLINE Rondo-30-01500-005-F  
3000K, 1.5M/reel, 5W/M, Front cable entry.

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
Rondo IQ	2750=2700K+5000K	05000=5M/196.85"	010=10W	F=FRONT

Example:  
Rondo IQ-2750-05000-010-F  
LEDLINE Rondo Tunable White,  
2700K+5000K, 5M/reel, 10W/M, Front cable entry.

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
Rondo RGB	RGB	05000=5M/196.85"	010=10W	F=FRONT

Example:  
Rondo RGB-RGB-05000-010-F  
LEDLINE Rondo RGB, 5M/reel,  
10W/M, Front cable entry.

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
Rondo RGBW	22=2200K	05000=5M/196.85"	016=16W	F=FRONT
	27=2700K			
	32=3200K			
	45=4500K			
	55=5500K			
	65=6500K			

Example:  
Rondo RGBW27-05000-016-F  
LEDLINE Rondo RGBW2700K, 5M/reel,  
16W/M, Front cable entry.

DRIVER



Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification  
Indoor use only.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.

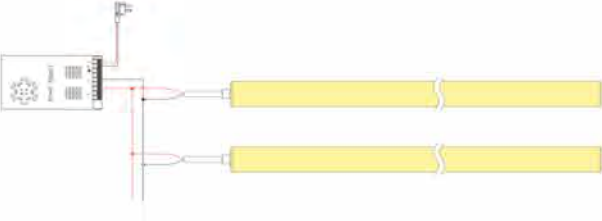


Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

Type	Rated Power/Mtr	Power Supply				
		1m	2m	3m	4m	5m
LEDLINE RONDO	5w	36w	36w	36w	36w	36w
	10w	36w	36w	52.8w	52.8w	76.8w
	16w	36w	52.8w	76.8w	100.8w	156w
Feed Entry						

Driver Wattage = Strip Wattage/Mtr \* Strip Length / 80%

WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

10WM - 5M Max. Single Run Length; The strip is 5m/reel at standard.

-Please contact us if >150W power supply is needed.

PACKING DETAIL

Light length	Carton Dimension(cm)	Numbers of Reel	Carton Weight(KG)
1m	43*43*12	1	2kg
1m	40*40*31	10	8kg
5m	43*43*12	1	3.8kg
5m	45*45*31	3	10.5kg

1.UL code corresponding to power and color

Rondo: 5W/M 2700K LEDLINE-W24V2800565  
5W/M 3000K LEDLINE-S24V2800565  
5W/M 3500K LEDLINE-I24V2800565  
5W/M 4000K LEDLINE-L24V2800565  
5W/M 6000K LEDLINE-D24V2800565

10W/M 2700K LEDLINE-W24V2801065  
10W/M 3000K LEDLINE-S24V2801065  
10W/M 3500K LEDLINE-I24V2801065  
10W/M 4000K LEDLINE-L24V2801065  
10W/M 6000K LEDLINE-D24V2801065

IQ: 10W/M 2700+5000K LEDLINE-T24V1401065

RGB: 10W/M RGB LEDLINE-RGB24V2801065

RGBW: 16W/M RGBW LEDLINE-RGBW24V2801665

2.Product test listing

UV Test  
Waterproof Test  
High and low temperature test  
End Cap Pull Test  
Swing Test  
Bending Test  
Twist Test  
Salt spray test

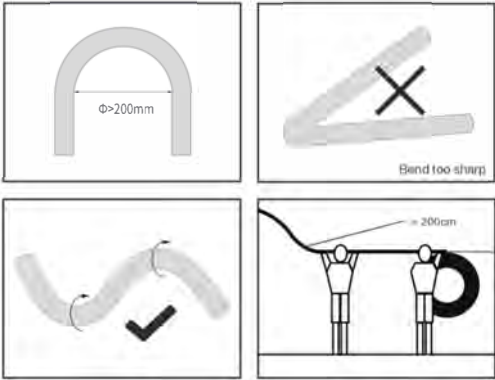


APPLICATION

- Solutions for retail shops, any indoor projects
- Ideal for amazing different shape lighting application
- Suitable for Aesthetic art lighting application
- Signage and illuminated advertising lighting

ADDITIONAL INFO.

- Please light it up for a quick check before installation.
- In order to ensure the life and reliability of the product, please make sure the minimum bending diameter should be over 200mm. A too small bending radius will damage the product itself.
- During installation, please make sure there are at least two workers to cooperate together and avoid scratching, twisting and irregular bending of the product, otherwise it may cause irreparable damage to the product.
- Warranty: All LED light are warranted to be free from defects in product itself for 5 years(White& Tunable White) /3 years(RGB&RGBW)from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.

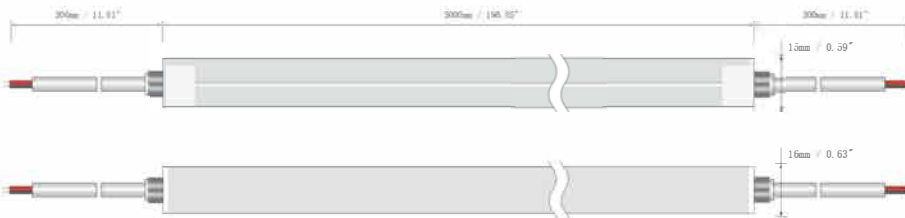


## LEDLINE EVIS WHT



-LEDLINE EVIS WHT, DC24V.  
Cross section size 16mm x 15mm / 0.63" x 0.59" (W x H), Vertical bending & Horizontal bending both are available with radius of 100mm / 3.93".  
-IP67 protected, UV resistant, chemical resistant and DIY connectors for indoor & outdoor solutions. Very easy to cut & reconnect on site.  
-2-Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.

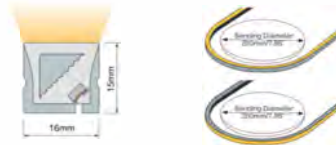
## DIMENSION



Note: The tolerance of the product size is  $\pm 3\text{mm}$ .

### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C / 149°F
Storage Temperature	-25°C / -13°F <sub>min</sub> , 60°C / 140°F <sub>max</sub>
Ambient Temperature	Ta <sub>min</sub> = -25°C / -13°F, Ta <sub>max</sub> (Table below)
CRI	Ra93
LED Distance	8.33mm
Mini Cutting Unit	6LEDs(1 unit)
Beam Angle	120°
Package length	≤ 30m



### LEDLINE EVIS WHT

### STD output

Power(W/m W/ft)	10/3.1
Efficacy(lm/W) @4000K	71
Max. Ambient tempt.(Ta <sub>max</sub> )	45°C / 113°F

(Lm/m)

CCT	2700K	3000K	3500K	4000K	5000K	Max. Run Length	Unit Cut
Power	692	703	711	720	736	5M	50mm

Note:

- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.

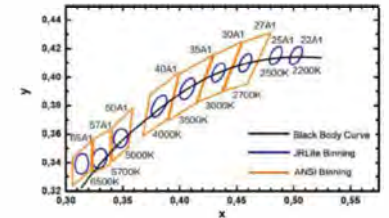


## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
EVIS WHT	27=2700K	05000=5M/196.85'	010=10W	F=FRONT
	30=3000K			
	35=3500K			
	40=4000K			
	50=5000K			

Example:  
EVIS WHT-30-01500-010-F:  
LEDLINE EVIS WHT, 3000K, 1.5M/  
reel, 10W/M, Front cable entry.

- 1.Max production length 30meters per reel, and the standard packaging is 5meters per reel.
- 2.Standard cable length is 30cm, if you need cable longer than 30cm, please mention us the required cable length.



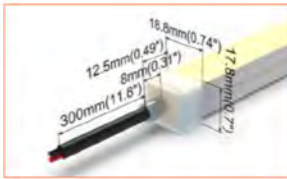
## INTEGRATED ENDCAP CABLE ENTRY



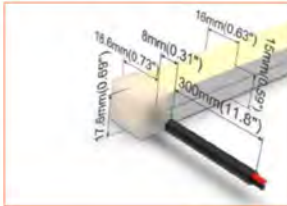
Front Cable Entry



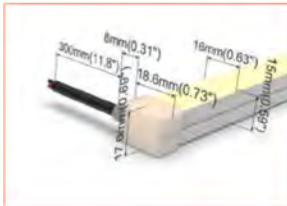
## ASSEMBLE ENDCAP CABLE ENTRY



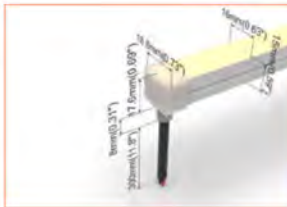
**Front Cable Entry**  
Order Code: AD005-2-F  
Dimension: 18.8x17.8x12.5mm/  
0.74"x0.7"x0.49"(LxWxH)  
Material: Silicone  
Color: white



**Side Cable Entry-Left**  
Order Code: AD005-2-S  
Dimension: 18.6x17.6x12.5mm/  
0.73"x0.69"x0.49"(LxWxH)  
Material: Silicone  
Color: white



**Side Cable Entry-Right**  
Order Code: AD005-2-S  
Dimension: 18.6x17.6x12.5mm/  
0.74"x0.7"x0.49"(LxWxH)  
Material: Silicone  
Color: white



**Bottom Cable Entry**  
Order Code: AD005-2-B  
Dimension: 18.8x17.8x12.5mm/  
0.74"x0.7"x0.49"(LxWxH)  
Material: Silicone  
Color: white

Note: With 10w/m, suggested cable lengths is 10M maximum

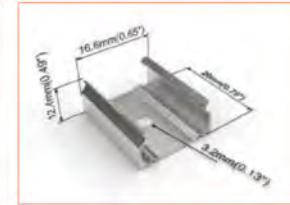
## ACCESSORIES



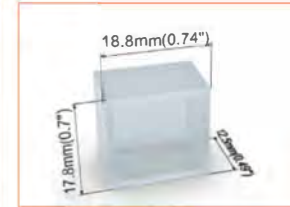
**Aluminium Profile**  
Order Code: AC033-AP  
Dimension: 1000x20.5x17.6mm/  
39.37"x0.81"x0.69"(LxWxH)  
Material: aluminium  
Color: silver



**Curved Profile**  
Order Code: AC033-CR  
Dimension: 500x17x15mm/  
19.69"x0.67"x0.59"(LxWxH)  
Material: stainless steel  
Color: silver



**Mounting Clips**  
Order Code: AC034-SET  
Dimension: 20x16.6x12.4mm/  
0.79"x0.65"x0.49"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter led strips needs 4 clips + 4 screws



**Closed EndCap**  
Order Code: AD026  
Dimension: 18.8x17.8x12.5mm/  
0.74"x0.7"x0.49"(LxWxH)  
Material: Silicone  
Color: white



**IP67 Connector 2PIN**  
Order Code: AD024-2  
Wire Gauge: 0.519mm<sup>2</sup>/20AWG  
Protection: IP67 (Mated)  
Mechanical Operation: >500 mating cycles

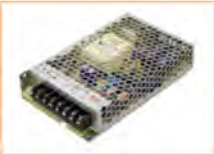


**IP67 Connector 2PIN**  
Order Code: AD007-2  
Wire Gauge: 0.519mm<sup>2</sup>/20AWG  
Protection: IP67 (Mated)  
Mechanical Operation: >500 mating cycles



**LEDLINE ASTON Scissor**  
Order Code: AF001-1

DRIVER



Order code: LRS-150-24  
85-132VAC/170-264VAC  
by switch DC24V 150W  
IP20, global certification  
Indoor use only.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.

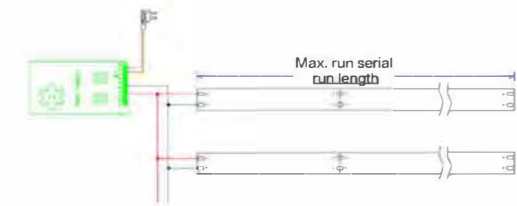


Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

Type	Rated Power/Mtr	Power Supply		
		15w	35w	60w
Ledline Aston Evis	10w	1m	3m	5m
Energizing				

Note:  
1.When we choose the power supply, it should be the power of the power supply is greater than 80% of the total power of the product.  
2.Above are the light maximum recommended running length subject to selected power supply.  
3.For example:It is recommended to use one 200w power supply loading maximum 16m light by energizing the light one end or use one 350w power supply loading maximum 24m by energizing the lights both ends.

WIRING DIAGRAM



Single Side Feed In  
-Maximum single run length depends on the wattage of power supply and LED Strip:  
10W/M - 5M Max. Single Run Length;  
The strip is 5m/reel at standard.  
-Please contact us if >150W power supply is needed.

PACKING DETAIL

Light length	Carton Dimension(cm)	Numbers of Reel	Carton Weight(KG)
5m	45*45*31	13	23.5kg
10m	40*40*31	5	18.1kg
20m	40*40*31	3	20kg
30m	40*40*31	2	19kg

- 1.UL code corresponding to power and color
- 2.Product test listing
- 10W 2700K LEDLINE-W24V2801067  
10W 3000K LEDLINE-S24V2801067  
10W 3500K LEDLINE-I24V2801067  
10W 4000K LEDLINE-L24V2801067  
10W 6500K LEDLINE-H24V2801067
- UV Test  
Waterproof Test  
High and low temperature test  
End Cap Pull Test  
Swing Test  
Bending Test  
Twist Test  
Salt spray test



APPLICATION

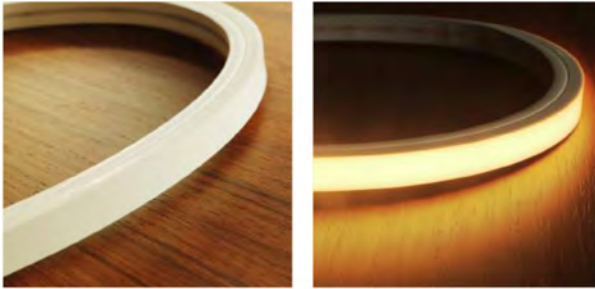
- ▶ Court lighting,signature lighting, Urban lighting.
- ▶ Hotel, showing room, corridors, apartment, plaza, shopping mall.
- ▶ Landscape lighting, garden lighting, luminaries solutions can be all in.

ADDITIONAL INFO.

- ▶ Please light it up for a quick check before installation.
- ▶ Bending diameter of LEDLINE EVIS WHT is 200mm, do not bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- ▶ During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- ▶ Warranty: All LED light are warranted to be free from defects in product itself for 5 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.

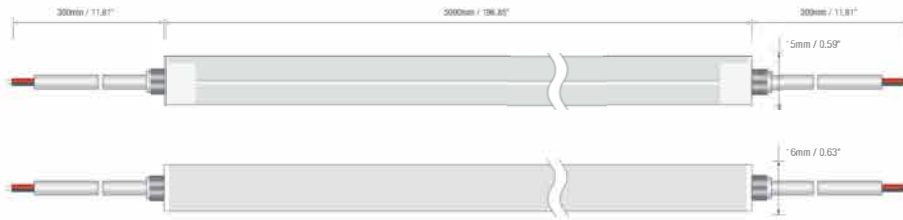


## LEDLINE ASTON 1615 WHT



-LEDLINE ASTON 1615 WHT, DC24V. Cross section size 16mm x 15mm / 0.63" x 0.59" (W x H), which is vertical bending with radius of 120mm / 4.72".  
-IP67 protected, UV resistant, chemical resistant and DIY connectors for indoor & outdoor solutions. Very easy to cut & reconnect on site.  
-2-Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.

## DIMENSION



### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	Ta <sub>min</sub> =-25°C /-13°F, Ta <sub>max</sub> (Table below)
CRI	Ra93

LEDLINE ASTON 1615 WHT	Low output	STD output	High output
Power(W/m W/ft)	5/1.5	10/3.1	15/4.6
Efficacy(lm/W) @4000K	46	58	50
Max. Ambient tempt.(Ta <sub>max</sub> )	55°C /131°F	45°C /113°F	35°C /95°F

(Lm/m)

CCT	2700K	3000K	3500K	4000K	5300K	Max. Run Length	Unit Cut	DIY Endcap Max. Run length
Power	5W/M	226	236	240	232	236	27M	50mm
	*10W/M	587	607	596	575	580	17M	50mm
	15W/M	718	762	782	752	767	14M	50mm

Note:

- The max. run length of using Integrated Endcap and DIY Endcap is different. Please refer to the above table.
- When ambient temperature reaches 55°C, the power is suggested to be 5W/M.
- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.

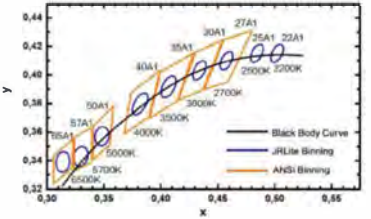


## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
ASTON 1615 WHT	27=2700K	05000=5M/196.85'	005=5W	F=FRONT
	30=3000K		010=10W	S=SIDE
	35=3500K		015=15W	B=BOTTOM
	40=4000K			
	53=5300K			

Example:  
ASTON 1615 WHT-30-01500-015-S:  
LEDLINE ASTON 1615 WHT, 3000K,  
1.5M/reel, 15W/M, Side cable entry.

- 1.Max production length 30meters per reel, and the standard packaging is 10meters per reel.
- 2.Standard cable length is 30cm, if you need cable longer than 30cm, please mention us the required cable length.
- 3.Patented easy endcap achieves mechanical IP67 waterproof without any glue.
- 4.It is IK08 rated.



## VARIOUS CONNECTIONS



Front Cable Entry  
DIY connector optional

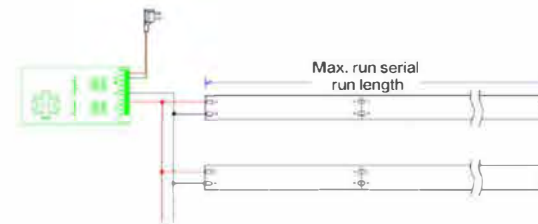


Side Cable Entry  
The cable could be perfectly hidden to achieve seamless light connection.  
DIY connector optional



Bottom Cable Entry  
The cable could be perfectly hidden to achieve seamless light connection.  
DIY connector optional

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

5W/M - 27M Max. Single Run Length;  
10W/M - 17M Max. Single Run Length;  
15W/M - 14M Max. Single Run Length;  
The strip is 10m/reel at standard.

-Please contact us if >150W power supply is needed.



## ACCESSORIES



Aluminium Profile  
Order Code: AC013-AP  
Dimension: 1000x20.5x17.6mm/  
39.37"x0.81"x0.69"(LxWxH)  
Material: aluminium  
Color: silver



End Cap 2PIN  
Order Code: AD005-2-F  
Dimension: 27.9x20.4x19.4mm/  
1.10"x0.80"x0.76"(LxWxH)  
Color: transparent  
Cable Entry: front



Curved Profile  
Order Code: AC013-CR  
Dimension: 500x17x15mm/  
19.69"x0.67"x0.59"(LxWxH)  
Material: stainless steel  
Color: silver



End Cap 2PIN  
Order Code: AD005-2-S  
Dimension: 27.9x20.4x19.4mm/  
1.10"x0.80"x0.76"(LxWxH)  
Color: transparent  
Cable Entry: side



Mounting Clips  
Order Code: AC014-SET  
Dimension: 20x16.6x12.4mm/  
0.79"x0.65"x0.49"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter led strips needs 4  
clips + 4 screws



End Cap 2PIN  
Order Code: AD005-2-B  
Dimension: 27.9x20.4x19.4mm/  
1.10"x0.80"x0.76"(LxWxH)  
Color: transparent  
Cable Entry: bottom



IP67 Connector 2PIN  
Order Code: AD007-2  
Wire Gauge: 0.519mm<sup>2</sup>/20AWG  
Protection: IP67 (Mated)  
Mechanical Operation: >500  
mating cycles



Closed End Cap  
Order Code: AD006  
Dimension: 27.9x20.4x19.4mm/  
1.10"x0.80"x0.76"(LxWxH)  
Material: stainless steel  
Color: silver



IP67 Connector 2PIN  
Order Code: AD007-2  
Wire Gauge: 0.519mm<sup>2</sup>/20AWG  
Protection: IP67 (Mated)  
Mechanical Operation: >500  
mating cycles



LEDLINE ASTON Scissor  
Order Code: AF001-1

## DRIVER



Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification  
Indoor use only.



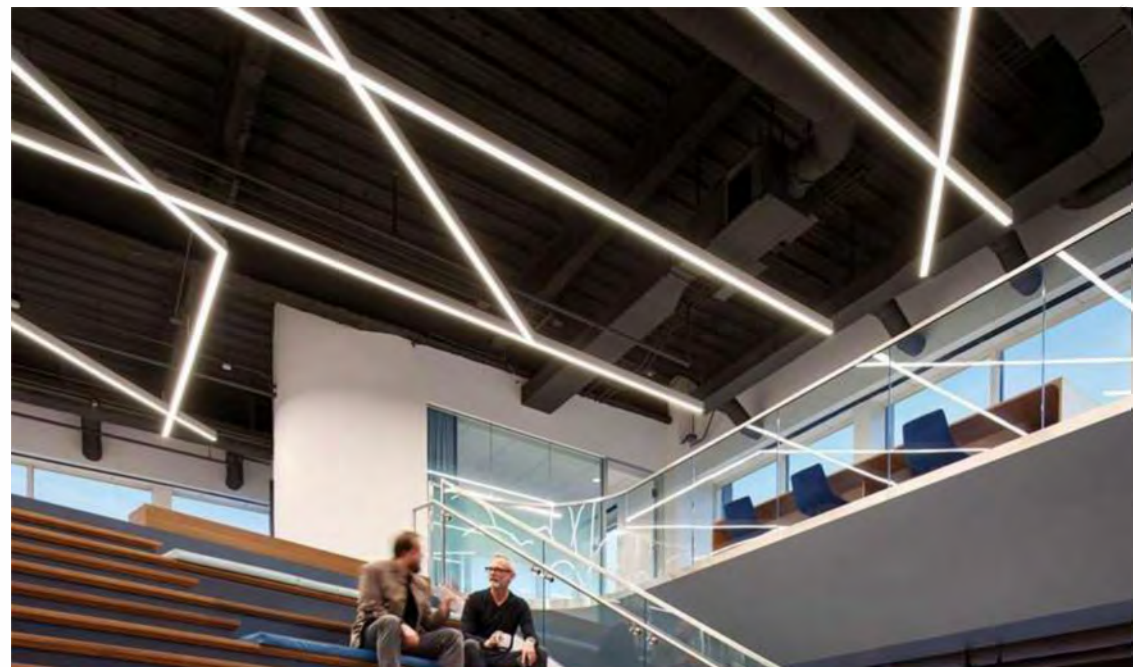
Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

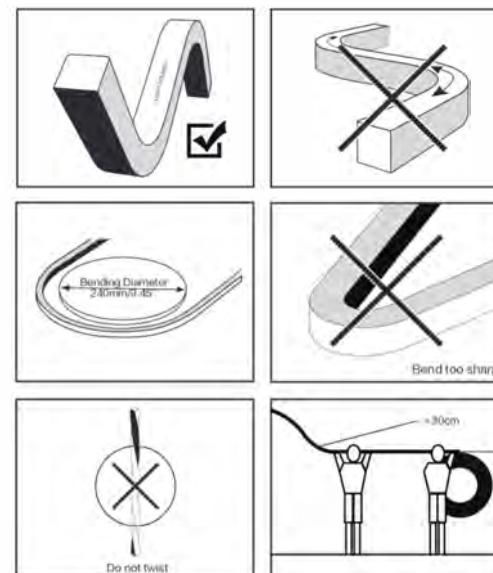


## APPLICATION

- Facade lighting, contour lighting and landscape lighting.
- Solutions for retail shops.
- Signage and illuminated advertising.
- Ideal for architectural lighting, coves, object integration.

## ADDITIONAL INFO.

- Please light it up for a quick check before installation.
- Bending diameter of LEDLINE ASTON 1615 WHT is 240mm, do not bend to side direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- Warranty: All LED light are warranted to be free from defects in product itself for 5 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.

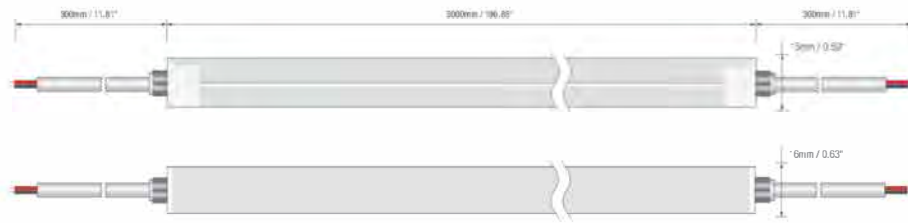


## LEDLINE ASTON 1615 IQ



-LEDLINE ASTON 1615 IQ, DC24V. Cross section size 16mm x 15mm / 0.63" x 0.59" (W x H), which is vertical bending with radius of 120mm / 4.72".  
 -IP67 protected, UV resistant, chemical resistant and DIY connectors for indoor & outdoor solutions. Very easy to cut & reconnect on site.  
 -3-Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.

## DIMENSION



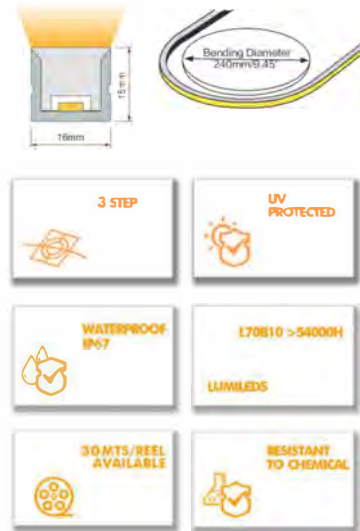
### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C / 149°F
Storage Temperature	-25°C / -13°F <sub>min</sub> ; 60°C / 140°F <sub>max</sub>
Ambient Temperature	T <sub>a,min</sub> = -25°C / -13°F; T <sub>a,max</sub> = 35°C / 95°F @ 15W T <sub>a,max</sub> = 45°C / 113°F @ 7.5W (Single Color)
CRI	Ra80
Power(W/m W/ft)	15/4.6
Efficacy(lm/W) @5300K	68

CCT	LMMtr	Max. Watt	Max. Run Length	Unit Cut	DIY Endcap Max. Run length
2700K	514	7.5W/M	5M	50mm	5M
5300K	511	7.5W/M	5M	50mm	5M
2700K+5300K	1024	15W/M	5M	50mm	5M

### Note:

- The max. run length of using Integrated Endcap and DIY Endcap is different. Please refer to the above table.
- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.

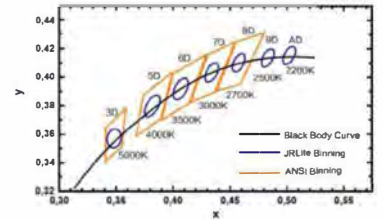


## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
ASTON 1615 IQ	2753=2700K+5300K	05000=5M/196.85'	015=15W	F=FRONT S=SIDE B=BOTTOM

Example:  
 ASTON 1615 IQ-2753-01500-015-S:  
 LEDLINE ASTON 1615 Tunable White  
 2700K+5300K, 1.5M/reel, 15W/M, Side  
 cable entry.

1. Max production length 30meters per reel, and the standard packaging is 10meters per reel.
2. Standard cable length is 30cm, if you need cable longer than 30cm, please mention us the required cable length.
3. Patented easy endcap achieves mechanical IP67 waterproof without any glue.
4. It is IK08 rated.



## VARIOUS CONNECTIONS



Front Cable Entry  
 DIY connector optional

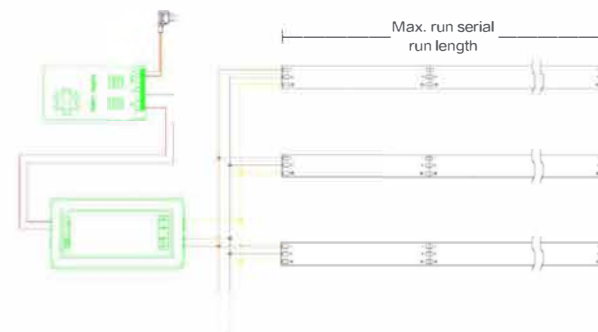


Side Cable Entry  
 The cable could be perfectly hidden to achieve seamless light connection.  
 DIY connector optional



Bottom Cable Entry  
 The cable could be perfectly hidden to achieve seamless light connection.  
 DIY connector optional

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

15W/M - 5M Max. Single Run Length;  
 The strip is 10m/reel at standard.

-Please contact us if >150W power supply is needed.



## ACCESSORIES



Aluminium Profile  
Order Code: AC013-AP  
Dimension: 1000x20.5x17.6mm/39.37"x0.81"x0.69"(LxWxH)  
Material: aluminium  
Color: silver



End Cap 3PIN  
Order Code: AD005-3-F  
Dimension: 27.9x20.4x19.4mm/1.10"x0.80"x0.76"(LxWxH)  
Color: transparent  
Cable Entry: front



Curved Profile  
Order Code: AC013-CR  
Dimension: 500x17x15mm/19.69"x0.67"x0.59"(LxWxH)  
Material: stainless steel  
Color: silver



End Cap 3PIN  
Order Code: AD005-3-S  
Dimension: 27.9x20.4x19.4mm/1.10"x0.80"x0.76"(LxWxH)  
Color: transparent  
Cable Entry: side



Mounting Clips  
Order Code: AC014-SET  
Dimension: 20x16.6x12.4mm/0.79"x0.65"x0.49"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter led strips needs 4 clips + 4 screws



End Cap 3PIN  
Order Code: AD005-3-B  
Dimension: 27.9x20.4x19.4mm/1.10"x0.80"x0.76"(LxWxH)  
Color: transparent  
Cable Entry: bottom



IP67 Connector 3PIN  
Order Code: AD007-3  
Wire Gauge: 0.519mm<sup>2</sup>/20AWG  
Protection: IP67 (Mated)  
Mechanical Operation: >500 mating cycles



Closed End Cap  
Order Code: AD006  
Dimension: 27.9x20.4x19.4mm/1.10"x0.80"x0.76"(LxWxH)  
Material: stainless steel  
Color: silver



IP67 Connector 3PIN  
Order Code: AD007-3  
Wire Gauge: 0.519mm<sup>2</sup>/20AWG  
Protection: IP67 (Mated)  
Mechanical Operation: >500 mating cycles



LEDLINE ASTON Scissor  
Order Code: AF001-1

## CONTROLLER & DRIVER



Order code: M2+M3-3A  
RF Controller 144W  
DC24V, 3A\*2Channel, Max 6A  
IP20, Support remote control.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.

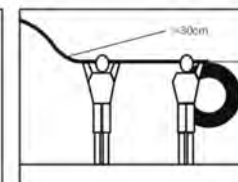
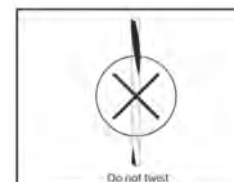
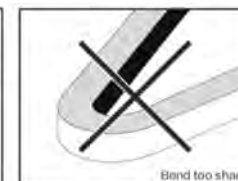
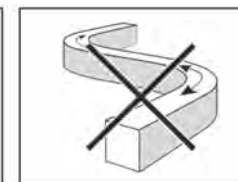


## APPLICATION

- Hotel, restaurant, handrails lighting.
- Shop, residential, offices lighting.
- Organic shaped luminaires.
- Ideal for architectural lighting, object integration and signage.

## ADDITIONAL INFO.

- Please light it up for a quick check before installation.
- Bending diameter of LEDLINE ASTON 1615 IQ is 240mm, do not bend to side direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- Warranty: All LED light are warranted to be free from defects in product itself for 5 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.



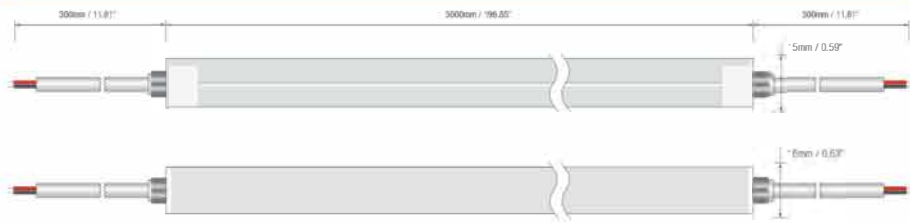


## LEDLINE ASTON 1615 RGB



-LEDLINE ASTON 1615 RGB, DC24V. Cross section size 16mm x 15mm / 0.63" x 0.59" (W x H), which is vertical bending with radius of 120mm / 4.72".  
-IP67 protected, UV resistant, chemical resistant and DIY connectors for indoor & outdoor solutions. Very easy to cut & reconnect on site.  
-ONE BIN only and dot free lighting guarantee the most excellent performance over the rated lifetime.

## DIMENSION



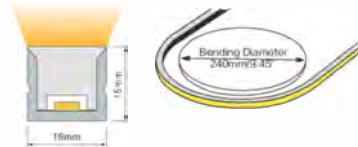
### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	T <sub>a min</sub> = -25°C /-13°F, T <sub>a max</sub> = 35°C /95°F
Power(W/m W/ft)	11/3.4
Efficacy(lm/W)	29.2

CCT	LM/Mtr	Max. Watt	Max. Run Length	Unit Cut	DIY Endcap Max. Run length
R	66	3.7W/M	13M	125mm	6.5M
G	220	3.7W/M	13M	125mm	6.5M
B	35	3.7W/M	13M	125mm	6.5M
RGB	320	11W/M	13M	125mm	6.5M

### Note:

- The max. run length of using Integrated Endcap and DIY Endcap is different. Please refer to the above table.
- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
ASTON 1615 RGB	RGB	05000=5M/196.85"	011=11W	F=FRONT S=SIDE B=BOTTOM

Example:  
ASTON 1615 RGB-01500-011-S:  
LEDLINE ASTON 1615 RGB, 1.5M/  
reel, 11W/M, Side cable entry.

- 1.Max production length 30meters per reel, and the standard packaging is 10meters per reel.
- 2.Standard cable length is 30cm, if you need cable longer than 30cm, please mention us the required cable length.
- 3.Patented easy endcap achieves mechanical IP67 waterproof without any glue.
- 4.It is IK08 rated.

## VARIOUS CONNECTIONS



Front Cable Entry  
DIY connector optional

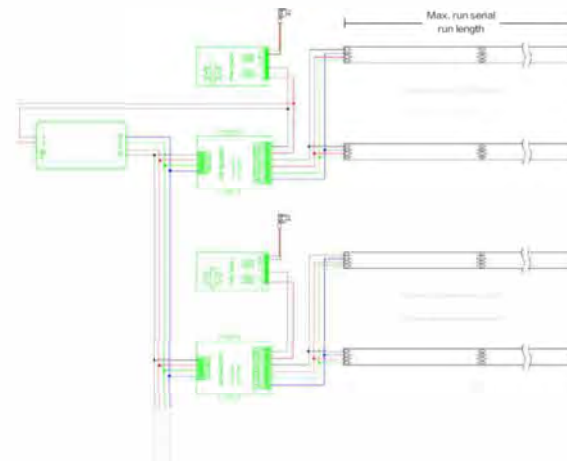


Side Cable Entry  
The cable could be perfectly hidden to achieve seamless light connection.  
DIY connector optional



Bottom Cable Entry  
The cable could be perfectly hidden to achieve seamless light connection.  
DIY connector optional

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

11W/M - 13M Max. Single Run Length;  
The strip is 10m/reel at standard.

-Please contact us if >150W power supply is needed.

## ACCESSORIES



Aluminium Profile  
Order Code: AC013-AP  
Dimension: 1000x20.5x17.6mm/39.37"x0.81"x0.69" (LxWxH)  
Material: aluminium  
Color: silver



End Cap 4PIN  
Order Code: AD005-4-F  
Dimension: 27.9x20.4x19.4mm/1.10"x0.80"x0.76" (LxWxH)  
Color: transparent  
Cable Entry: front



Curved Profile  
Order Code: AC013-CR  
Dimension: 500x17x15mm/19.69"x0.67"x0.59" (LxWxH)  
Material: stainless steel  
Color: silver



End Cap 4PIN  
Order Code: AD005-4-B  
Dimension: 27.9x20.4x19.4mm/1.10"x0.80"x0.76" (LxWxH)  
Color: transparent  
Cable Entry: side



Mounting Clips  
Order Code: AC014-SET  
Dimension: 20x16.6x12.4mm/0.79"x0.65"x0.49" (LxWxH)  
Material: stainless steel  
Color: silver  
Each meter led strips needs 4 clips + 4 screws



End Cap 4PIN  
Article NO. AD005-4-B  
Dimension: 27x20.5x19mm/1.06"x0.81"x0.75" (LxWxH)  
Color: transparent  
Cable entry: bottom



IP67 Connector 4PIN  
Order Code: AD007-4  
Wire Gauge: 0.519mm<sup>2</sup>/20AWG  
Protection: IP67 (Mated)  
Mechanical Operation: >500 mating cycles



Closed End Cap  
Order Code: AD006  
Dimension: 27.9x20.4x19.4mm/1.10"x0.80"x0.76" (LxWxH)  
Material: stainless steel  
Color: silver



IP67 Connector 4PIN  
Order Code: AD007-4  
Wire Gauge: 0.519mm<sup>2</sup>/20AWG  
Protection: IP67 (Mated)  
Mechanical Operation: >500 mating cycles



LEDLINE ASTON Scissor  
Order Code: AF001-1

## CONTROLLER & DRIVER



Order code: M6+M3-3A  
RF Controller 216W  
DC24V, 3A\*3Channel, Max 9A  
IP20, Support remote control.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

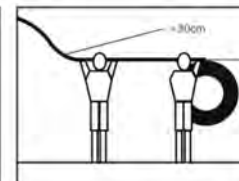
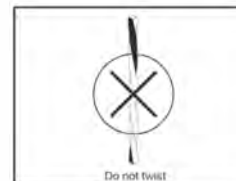
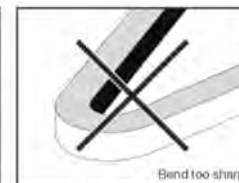
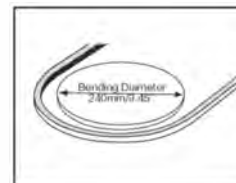
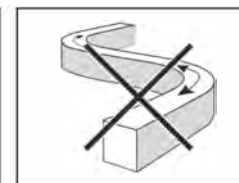
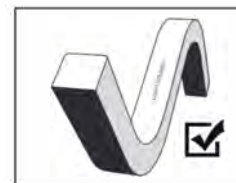


## APPLICATION

- Suitable for bar, ceiling and wall lighting application.
- Ideal for color dynamic application with excellent color rendition and high power levels.

## ADDITIONAL INFO.

- Please light it up for a quick check before installation.
- Bending diameter of LEDLINE ASTON 1615 RGB is 240mm, do not bend to side direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- Warranty: All LED light are warranted to be free from defects in product itself for 3 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.

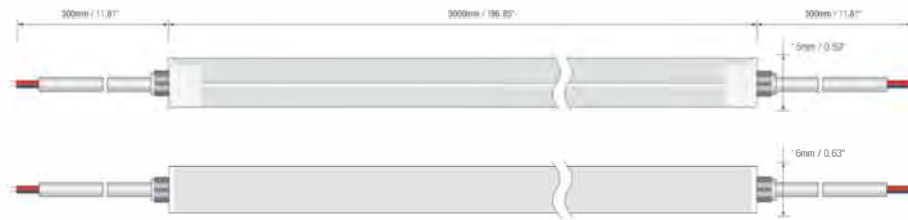


## LEDLINE ASTON 1615 RGBW



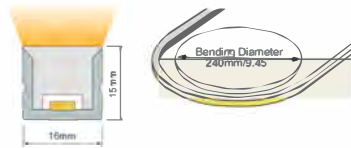
-LEDLINE ASTON 1615 RGBW, DC24V. Cross section size 16mm x 15mm / 0.63" x 0.59" (W x H), which is vertical bending with radius of 120mm / 4.72".  
-IP67 protected, UV resistant, chemical resistant and DIY connectors for indoor & outdoor solutions. Very easy to cut & reconnect on site.  
-ONE BIN only and dot free lighting guarantee the most excellent performance over the rated lifetime.

## DIMENSION



### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C / 149°F
Storage Temperature	-25°C / -13°F <sub>min</sub> , 60°C / 140°F <sub>max</sub>
Ambient Temperature	T <sub>a,min</sub> = -25°C / -13°F; T <sub>a,max</sub> = 35°C / 95°F @ 15W T <sub>a,max</sub> = 55°C / 131°F @ 3.75W (Single Color)
Power(W/m W/ft)	15/4.6
Efficacy(lm/W) @5300K	55



CCT	LM/Mtr	Max. Watt	Max. Run Length	Unit Cut	DIY Endcap Max. Run length
R	63	3.75W/M	10M	125mm	4.8M
G	192	3.75W/M	10M	125mm	4.8M
B	57	3.75W/M	10M	125mm	4.8M
W27	205	3.75W/M	10M	125mm	4.8M
W40	219	3.75W/M	10M	125mm	4.8M
W53	208	3.75W/M	10M	125mm	4.8M
RGBW40	531	15W/M	10M	125mm	4.8M

### Note:

- The max. run length of using Integrated Endcap and DIY Endcap is different. Please refer to the above table.
- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
ASTON 1615 RGBW	27=2700K	05000=5M/196.85'	015=15W	F=FRONT
	40=4000K			S=SIDE
	53=5300K			B=BOTTOM

Example:  
ASTON 1615 RGBW27-01500-015-S:  
LEDLINE ASTON 1615 RGBW2700K,  
1.5M/reel, 15W/M, Side cable entry.

1. Max production length 30meters per reel, and the standard packaging is 10meters per reel.
2. Standard cable length is 30cm, if you need cable longer than 30cm, please mention us the required cable length.
3. Patented easy endcap achieves mechanical IP67 waterproof without any glue.
4. It is IK08 rated.

## VARIOUS CONNECTIONS



Front Cable Entry  
DIY connector optional

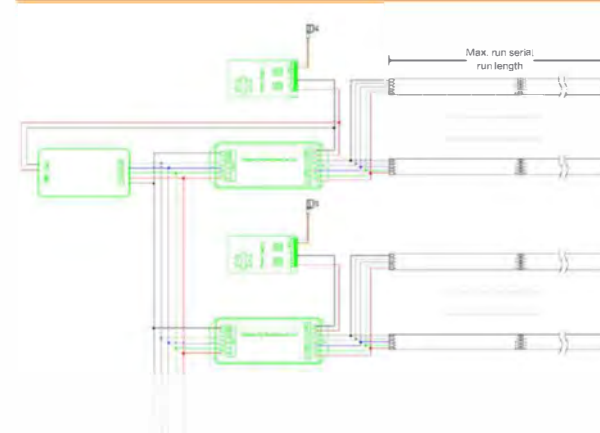


Side Cable Entry  
The cable could be perfectly hidden to achieve seamless light connection.  
DIY connector optional



Bottom Cable Entry  
The cable could be perfectly hidden to achieve seamless light connection.  
DIY connector optional

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

15W/M - 10M Max. Single Run Length;  
The strip is 10m/reel at standard.

-Please contact us if >150W power supply is needed.



## ACCESSORIES



Aluminium Profile  
Order Code: AC013-AP  
Dimension: 1000x20.5x17.6mm/39.37"x0.81"x0.69"(LxWxH)  
Material: aluminium  
Color: silver



End Cap 5PIN  
Order Code: AD005-5-F  
Dimension: 27.9x20.4x19.4mm/1.10"x0.80"x0.76"(LxWxH)  
Color: transparent  
Cable Entry: front



Curved Profile  
Order Code: AC013-CR  
Dimension: 500x17x15mm/19.69"x0.67"x0.59"(LxWxH)  
Material: stainless steel  
Color: silver



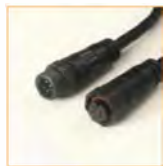
End Cap 5PIN  
Order Code: AD005-5-S  
Dimension: 27.9x20.4x19.4mm/1.10"x0.80"x0.76"(LxWxH)  
Color: transparent  
Cable Entry: side



Mounting Clips  
Order Code: AC014-SET  
Dimension: 20x16.6x12.4mm/0.79"x0.65"x0.49"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter led strips needs 4 clips + 4 screws



End Cap 5PIN  
Order Code: AD005-5-B  
Dimension: 27.9x20.4x19.4mm/1.10"x0.80"x0.76"(LxWxH)  
Color: transparent  
Cable Entry: bottom



IP67 Connector 5PIN  
Order Code: AD007-5  
Wire Gauge: 0.519mm<sup>2</sup>/20AWG  
Protection: IP67 (Mated)  
Mechanical Operation: >500 mating cycles



Closed End Cap  
Order Code: AD006  
Dimension: 27.9x20.4x19.4mm/1.10"x0.80"x0.76"(LxWxH)  
Material: stainless steel  
Color: silver



IP67 Connector 5PIN  
Order Code: AD007-5  
Wire Gauge: 0.519mm<sup>2</sup>/20AWG  
Protection: IP67 (Mated)  
Mechanical Operation: >500 mating cycles



LEDLINE ASTON Scissor  
Order Code: AF001-1

## CONTROLLER & DRIVER



Order code: M4+M4-3A  
RF Controller 288W  
DC24V, 3A\*4Channel, Max 12A  
IP20, Support remote control.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

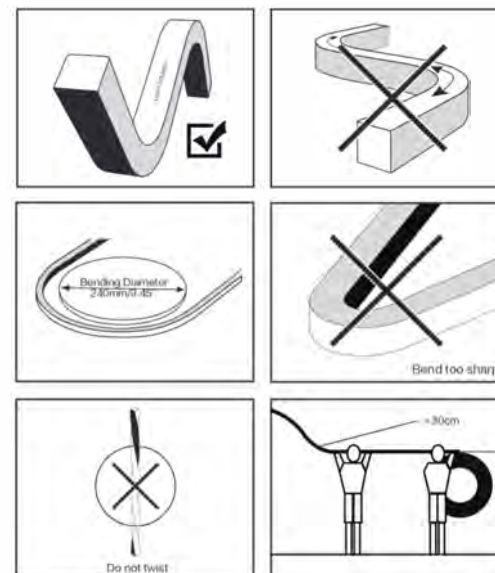


## APPLICATION

- Suitable for bar, ceiling and wall lighting application.
- Ideal for color dynamic application with excellent color rendition and high power levels.

## ADDITIONAL INFO.

- Please light it up for a quick check before installation.
- Bending diameter of LEDLINE ASTON 1615 RGBW is 240mm, do not bend to side direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- Warranty: All LED light are warranted to be free from defects in product itself for 3 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.





# Stunning DMX control creating fade effects

Before ready for the market, we had finished kinds of stable and serious testings for several months, like High & Low Temperature testing, High & Low Temperature Cycling testing, Bending testing, Salty-resist testing and Waterproof testing, making sure it is reliable enough under extreme conditions and retain features unchanged over time. With DMX control mode, it allows for advanced chasing and programmable scenes. Perfect for creating a stunning visual display and easily creating advanced animated lighting sequences.

Diffusing opal finish ensuring  
maximum uniformity

LEDLINE ASTON MEDIA series is a high quality dot-free lighting solution with an option of DMX control to create chasing and fading effects. Flexible opal finish IP67 protected with vertical or horizontal bending at a 120mm radius. Delivered in standard 5meters with secure block IP67 plug and play connection for indoor and outdoor solutions. With complete optional accessories and controllers to meet multifarious applications. No matter where it is installed, JRLite family always has the perfect solution inspiring your projects!

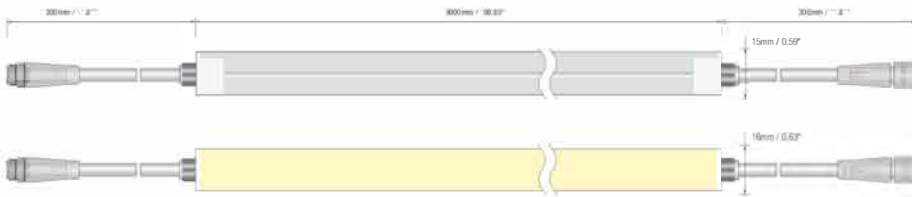


## LEDLINE ASTON 1615 MEDIA



-LEDLINE ASTON 1615 MEDIA, DC24V. Cross section size 16mm x 15mm / 0.63" x 0.59" (W x H), which is vertical bending with radius of 120mm / 4.7".  
 -IP67 protected, UV resistant, chemical resistant and easy plug and plug connection for indoor & outdoor solutions.  
 -DMX512 control mode and dot free lighting guarantee the most excellent color changing performance over rated lifetime.

## DIMENSION



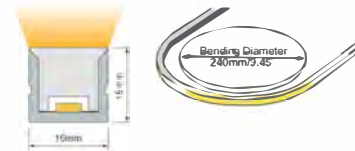
### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	Ta <sub>min</sub> =-25°C /-13°F, Ta <sub>max</sub> =45°C /113°F
Power(W/m W/ft)	10/3.1
Efficacy(lm/W)	22
Gray Scale	65536
Pixel/M	8
Control Mode	DMX 512

CCT	LMMtr	Max. Watt	Max. Run Length	Unit Cut
R	53	3.3W/M	5M	125mm
G	146	3.3W/M	5M	125mm
B	28	3.3W/M	5M	125mm
RGB	218	10W/M	5M	125mm

### Note:

- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
ASTON 1615 MEDIA	RGB	5000=5M/196.85"	010=10W	F=FRONT S=SIDE B=BOTTOM

Example:  
 ASTON 1615 MEDIA-05000-010-S:  
 LEDLINE ASTON 1615 MEDIA Digital  
 RGB, 5M/reel, 10W/M, Side cable  
 entry.

- 1.Max production length 30meters per reel, and the standard packaging is 5meters per reel.
- 2.The standard product with female and male connectors is for ready wiring setup, and for easy plug and play.
- 3.Continuous light without light interruption.
- 4.It is IK08 rated.

## VARIOUS CONNECTIONS



Front Cable Entry

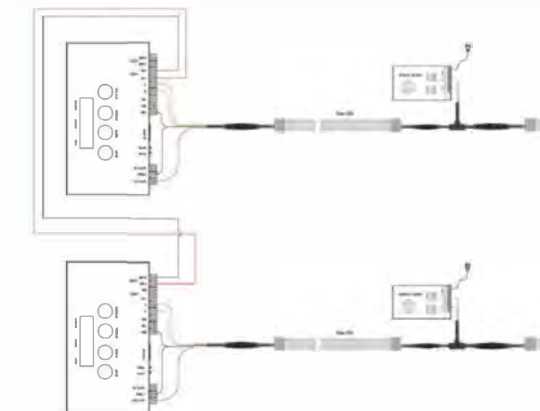


Side Cable Entry  
 The cable could be perfectly hidden to achieve seamless light connection.



Bottom Cable Entry  
 The cable could be perfectly hidden to achieve seamless light connection.

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

10W/M - 5M Max. Single Run Length;  
 The strip is 5m/reel at standard.

-Please contact us if >150W power supply is needed.

## ACCESSORIES



Aluminium Profile  
Order Code: AC013-AP  
Dimension: 1000x20.5x17.6mm/39.37"x0.81"x0.69"(LxWxH)  
Material: aluminium  
Color: silver



End Cap 5PIN Digital  
Order Code: AD005-5D-F  
Dimension: 13x19x18mm/  
0.51"x0.74"x0.71"(LxWxH)  
Color: white  
Cable entry: front/side/bottom  
Picture: front



Curved Profile  
Order Code: AC013-CR  
Dimension: 500x17x15mm/  
19.69"x0.67"x0.59"(LxWxH)  
Material: stainless steel  
Color: silver



Closed End Cap  
Order Code: AD106  
Dimension: 13x19x18mm/  
0.51"x0.74"x0.71"(LxWxH)  
Material: silicone  
Color: white



Mounting Clips  
Order Code: AC014-SET  
Dimension: 20x16.6x12.4mm/  
0.79"x0.65"x0.49"  
Material: stainless steel  
Color: silver  
Each meter led strips needs  
2 clips + 2 screws



IP67 Signal Connector  
Order Code: AD020  
Wire Gauge: 0.326mm<sup>2</sup>/22AWG  
Protection: IP67 (Mated)



IP67 Connector 5PIN Digital  
Order Code: AD007-5D  
Wire gauge: 0.326mm<sup>2</sup>/22AWG  
Protection: IP67 (Mated)



IP67 T Type Connector  
Order Code: AD021  
Wire Gauge: 0.326mm<sup>2</sup>/22AWG  
Protection: IP67 (Mated)



IP67 Connector 5PIN Digital  
Order Code: AD007-5D  
Wire gauge: 0.326mm<sup>2</sup>/22AWG  
Protection: IP67 (Mated)



LEDLINE ASTON Scissor  
Order Code: AF001-1

## CONTROLLER & DRIVER



Order Code: K-1000C  
SD Card program Controller  
DC5-24V, 2W output, 128MB-  
3GB capacity.



Order Code: SM-XMQ1000A  
Coder  
9PCS built-in effects, only  
support DMX512 protocol chip.



Order Code: T-780K  
DMX Controller  
DC5-24V, 8 channels, 5W  
output, Madrix system  
compatible.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.

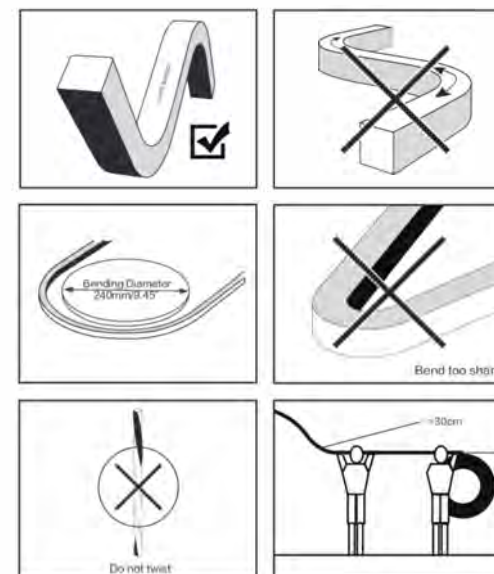


## APPLICATION

- Suitable for entertainment, facade and stage lighting applications.
- Decoration lighting for game machines.

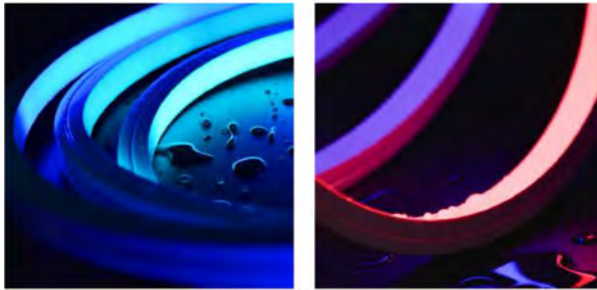
## ADDITIONAL INFO.

- Please light it up for a quick check before installation.
- Bending diameter of LEDLINE ASTON 1615 MEDIA is 240mm, do not bend to side direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- Warranty: All LED light are warranted to be free from defects in product itself for 3 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.





## LEDLINE ASTON 1615 MEDIA RGBW



-LEDLINE ASTON 1615 MEDIA RGBW, DC24V. Cross section size 16mm x 15mm / 0.63" x 0.59" (W x H), which is vertical bending with radius of 120mm / 4.7".  
 -IP67 protected, UV resistant, chemical resistant and easy plug and plug connection for indoor & outdoor solutions.  
 -DMX512 control mode and dot free lighting guarantee the most excellent color changing performance over rated lifetime.

## DIMENSION



### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	Ta <sub>min</sub> =-25°C /-13°F, Ta <sub>max</sub> =45°C /113°F
Power(W/m W/ft)	14/4.3
Efficacy(lm/W)@4000K	61
Gray Scale	256
Pixel/M	8
Control Mode	DMX 512

CCT	LMMtr	Max. Watt	Max. Run Length	Unit Cut
R	39	3.5W/M	5M	125mm
G	119	3.5W/M	5M	125mm
B	28	3.5W/M	5M	125mm
W27	200	3.5W/M	5M	125mm
W40	212	3.5W/M	5M	125mm
W53	203	3.5W/M	5M	125mm
RGBW40	398	14W/M	5M	125mm

### Note:

- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
ASTON 1615 MEDIA RGBW	27=2700K	5000=5M/196.85"	014=14W	F=FRONT
	40=4000K			S=SIDE
	53=5300K			B=BOTTOM

Example:  
 ASTON 1615 MEDIA RGBW27-  
 05000-014-S:  
 LEDLINE ASTON 1615 MEDIA Digital  
 RGBW 2700K, 5M/reel, 14W/M, Side  
 cable entry.

- 1.Max production length 30meters per reel, and the standard packaging is 5meters per reel.
- 2.The standard product with female and male connectors is for ready wiring setup, and for easy plug and play.
- 3.Continuous light without light interruption.
- 4.It is IK08 rated.

## VARIOUS CONNECTIONS



Front Cable Entry

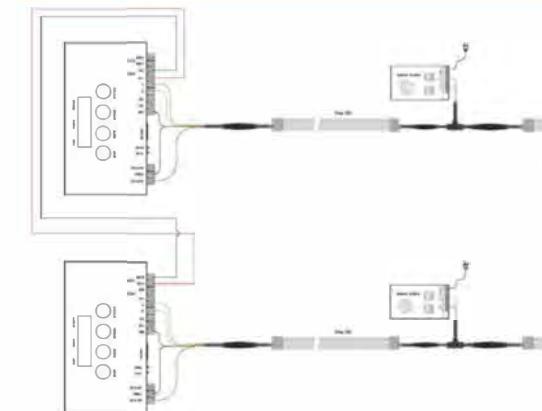


Side Cable Entry  
 The cable could be perfectly hidden to achieve seamless light connection.



Bottom Cable Entry  
 The cable could be perfectly hidden to achieve seamless light connection.

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

14W/M - 5M Max. Single Run Length;  
 The strip is 5m/reel at standard.

-Please contact us if >150W power supply is needed.

## ACCESSORIES



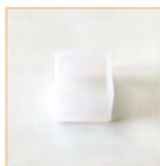
Aluminium Profile  
Order Code: AC013-AP  
Dimension: 1000x20.5x17.6mm/  
39.37"x0.81"x0.69"(LxWxH)  
Material: aluminium  
Color: silver



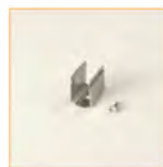
End Cap 5PIN Digital  
Order Code: AD005-5D-F  
Dimension: 13x19x18mm/  
0.51"x0.74"x0.71"(LxWxH)  
Color: white  
Cable entry: front/side/bottom  
Picture: front



Curved Profile  
Order Code: AC013-CR  
Dimension: 500x17x15mm/  
19.69"x0.67"x0.59"(LxWxH)  
Material: stainless steel  
Color: silver



Closed End Cap  
Order Code: AD106  
Dimension: 13x19x18mm/  
0.51"x0.74"x0.71"(LxWxH)  
Material: silicone  
Color: white



Mounting Clips  
Order Code: AC014-SET  
Dimension: 20x16.6x12.4mm/  
0.79"x0.65"x0.49"  
Material: stainless steel  
Color: silver  
Each meter led strips needs 4  
clips + 4 screws



IP67 Signal Connector  
Order Code: AD020  
Wire Gauge: 0.326mm<sup>2</sup>/22AWG  
Protection: IP67 (Mated)



IP67 Connector 5PIN Digital  
Order Code: AD007-5D  
Wire gauge: 0.326mm<sup>2</sup>/22AWG  
Protection: IP67 (Mated)



IP67 T Type Connector  
Order Code: AD021  
Wire Gauge: 0.326mm<sup>2</sup>/22AWG  
Protection: IP67 (Mated)



IP67 Connector 5PIN Digital  
Order Code: AD007-5D  
Wire gauge: 0.326mm<sup>2</sup>/22AWG  
Protection: IP67 (Mated)



LEDLINE ASTON Scissor  
Order Code: AF001-1

## CONTROLLER & DRIVER



Order Code: K-1000C  
SD Card program Controller  
DC5-24V, 2W output, 128MB-  
3GB capacity.



Order Code: SM-XMQ1000A  
Coder  
9PCS built-in effects, only  
support DMX512 protocol chip.



Order Code: T-780K  
DMX Controller  
DC5-24V, 8 channels, 5W  
output, Madrix system  
compatible.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.

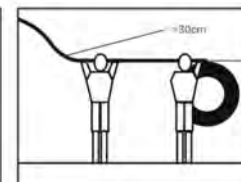
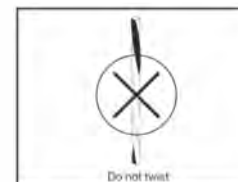
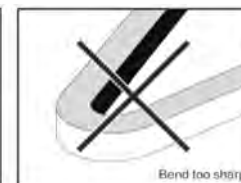
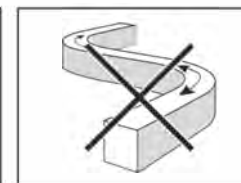


## APPLICATION

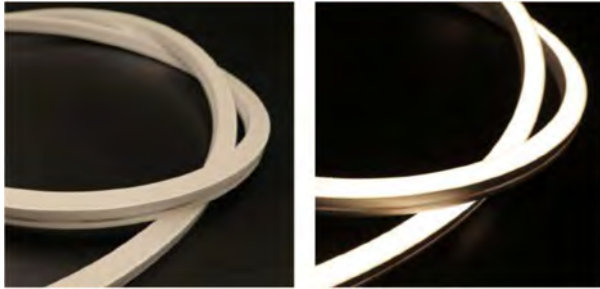
- Suitable for entertainment, facade and stage lighting applications.
- Decoration lighting for game machines.

## ADDITIONAL INFO.

- Please light it up for a quick check before installation.
- Bending diameter of LEDLINE ASTON 1615 MEDIA RGBW is 240mm, do not bend to side direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- Warranty: All LED light are warranted to be free from defects in product itself for 3 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.

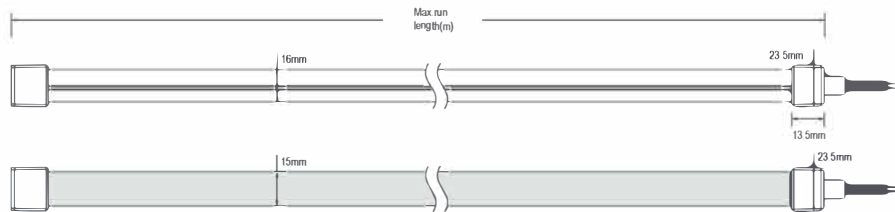


## LEDLINE ASTON 1615S



-LEDLINE ASTON 1615S, DC24V. Cross section size 16mm x 15mm / 0.63" x 0.59" (W x H), which is Horizontal bending with radius of 120mm / 4.72".  
-IP67 protected, UV resistant, chemical resistant and DIY connectors for indoor & outdoor solutions. Very easy to cut & reconnect on site.  
-2-Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.

## DIMENSION



Note: The tolerance of the product size is  $\pm 3\text{mm}$ .

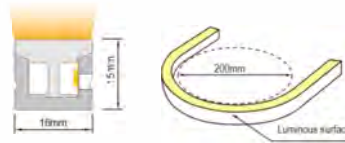
### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	Ta <sub>min</sub> =-25°C /-13°F, Ta <sub>max</sub> (Table below)
CRI	Ra>90
LED Distance	8.33mm
Mini Cutting Unit	6LEDs(1 unit)
Beam Angle	120°
Package length	≤ 30mm

LEDLINE ASTON 1615 WHT	Low output	STD output	High output
Power(W/m W/ft)	5/1.5	10/3.1	15/4.6
Efficacy(lm/W) @4000K	76	73	70
Max. Ambient tempt.(Ta <sub>max</sub> )	55°C /131°F	45°C /113°F	35°C /95°F

WHT :  
(Lm/m)

CCT	2700K	3000K	3500K	4000K	5300K	Max. Run Length	Unit Cut
Power							
5W/M	355	293	337	386	402	25m	50mm
10W/M	661	575	626	717	747	17m	50mm
15W/M	942	819	892	1022	1065	13m	50mm



Note: The tolerance of the bending direction is  $\pm 3\text{mm}$ .



IQ:

CCT	LM/Mtr	Max. Watt	Max. Run Length	Unit Cut
2700K	510	7.5W/M	5M	50mm
5300K	533	7.5W/M	5M	50mm
2700K+5300K	1035	15W/M	5M	50mm

RGB:

CCT	LM/Mtr	Max. Watt	Max. Run Length	Unit Cut
R	110	5W/M	5M	62.5mm
G	300	5W/M	5M	62.5mm
B	50	5W/M	5M	62.5mm
RGB	450	15W/M	5M	62.5mm

Note:

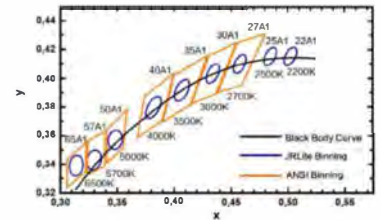
- When ambient temperature reaches 55°C, the power is suggested to be 5W/M.
- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.

## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
ASTON1615S	27=2700K	05000=5M/196.85'	005=5W	F=FRONT
	30=3000K		010=10W	S=SIDE
	35=3500K		015=15W	B=BOTTOM
	40=4000K			
	53=5300K			
	IQ			
	RGB			

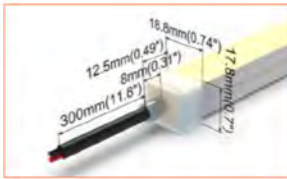
Example:  
ASTON 1615S-30-01500-015-S:  
LEDLINE ASTON 1615S, 3000K,  
1.5M/reel, 15W/M, Side cable entry.

- 1.Max production length 30meters per reel, and the standard packaging is 10meters per reel.
- 2.Standard cable length is 30cm, if you need cable longer than 30cm, please mention us the required cable length.
- 3.Patented easy endcap achieves mechanical IP67 waterproof without any glue.
- 4.It is IK08 rated.

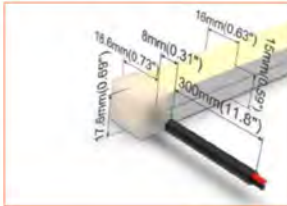




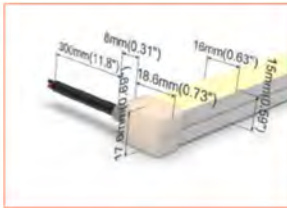
## ASSEMBLE ENDCAP CABLE ENTRY



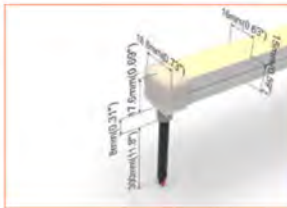
**Front Cable Entry**  
Order Code: AD005-2-F  
Dimension: 18.8x17.8x12.5mm/  
0.74"x0.7"x0.49"(LxWxH)  
Material: Silicone  
Color: white



**Side Cable Entry-Left**  
Order Code: AD005-2-S  
Dimension: 18.8x17.8x12.5mm/  
0.74"x0.69"x0.49"(LxWxH)  
Material: Silicone  
Color: white



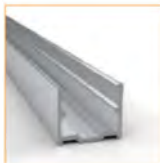
**Side Cable Entry-Right**  
Order Code: AD005-2-S  
Dimension: 18.8x17.8x12.5mm/  
0.74"x0.7"x0.49"(LxWxH)  
Material: Silicone  
Color: white



**Bottom Cable Entry**  
Order Code: AD005-2-B  
Dimension: 18.8x17.8x12.5mm/  
0.74"x0.7"x0.49"(LxWxH)  
Material: Silicone  
Color: white

Note: With 10w/m, suggested cable lengths is 10M maximum

## ACCESSORIES



**Aluminium Profile**  
Order Code: AC013-AP  
Dimension: 1000x20.5x17.6mm/  
39.37"x0.81"x0.69"(LxWxH)  
Material: aluminium  
Color: silver



**Curved Profile**  
Order Code: AC013-CR  
Dimension: 500x17x15mm/  
19.69"x0.67"x0.59"(LxWxH)  
Material: stainless steel  
Color: silver



**Mounting Clips**  
Order Code: AC014-SET  
Dimension: 20x16.6x12.4mm/  
0.79"x0.65"x0.49"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter led strips needs 4 clips + 4 screws



**IP67 Connector 2PIN**  
Order Code: AD007-2  
Wire Gauge:  
0.519mm<sup>2</sup>/20AWG  
Protection: IP67 (Mated)  
Mechanical Operation: >500 mating cycles



**Closed EndCap**  
Order Code: AD106  
Dimension: 18.8x17.8x12.5mm/  
0.74"x0.7"x0.49"(LxWxH)  
Material: Silicone  
Color: white



**LEDLINE ASTON Scissor**  
Order Code: AF001-1

## DRIVER



Order code: LRS-150-24  
85-132VAC/170-264VAC  
by switch DC24V150W  
IP20, global certification  
Indoor use only.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

Type	Rated Power/Mtr	Power Supply					
		50w	75w	100w	150w	200w	350w
Ledline Aston 1615 WHT	10w	4m	6m	8m	12m	16m	28m
Energizing							

Note:

- When we choose the power supply, it should be the power of the power supply is greater than 80% of the total power of the product.
- Above are the light maximum recommended running length subject to selected power supply.
- For example: It is recommended to use one 200w power supply loading maximum 16m light by energizing the light one end or use one 350w power supply loading maximum 24m by energizing the lights both ends.

## WIRING DIAGRAM



### Single Side Feed In

–Maximum single run length depends on the wattage of power supply and LED Strip:

For WHT Color (Single Color) :  
5W/M – 25M Max. Single Run Length;  
10W/M – 17M Max. Single Run Length;  
15W/M – 14M Max. Single Run Length;  
The strip is 10m/reel at standard.

For Tunable white (IQ):  
15W/M – 5M Max. Single Run Length

For RGB:  
15W/M – 5M Max. Single Run Length

–Please contact us if >150W power supply is needed.

## PACKING DETAIL

Light length	Carton Dimension(cm)	Numbers of Reel	Carton Weight(KG)
5m	45*45*31	13	23.5kg
10m	40*40*31	5	18.1kg
20m	40*40*31	3	20kg
30m	40*40*31	2	19kg

### 1.UL code corresponding to power and color

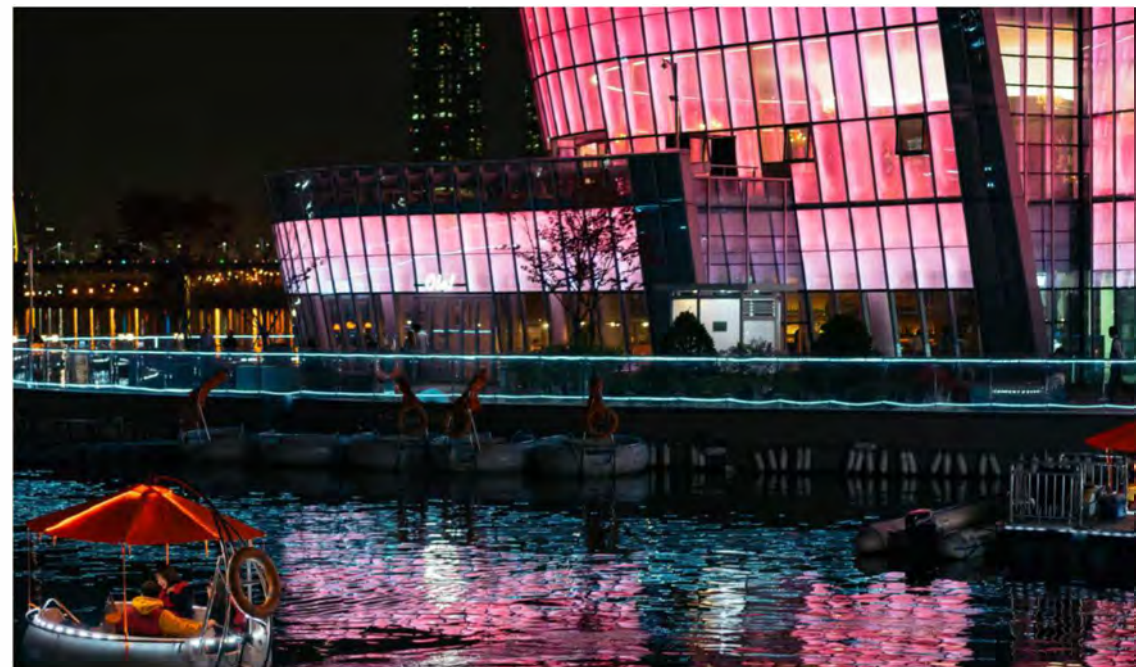
5W 2700K LEDLINE-W24V2800567  
5W 3000K LEDLINE-S24V2800567  
5W 3500K LEDLINE-I24V2800567  
5W 4000K LEDLINE-L24V2800567  
5W 6500K LEDLINE-H24V2800567

10W 2700K LEDLINE-W24V2801067  
10W 3000K LEDLINE-S24V2801067  
10W 3500K LEDLINE-I24V2801067  
10W 4000K LEDLINE-L24V2801067  
10W 6500K LEDLINE-H24V2801067

15W 2700K LEDLINE-W24V2801567  
15W 3000K LEDLINE-S24V2801567  
15W 3500K LEDLINE-I24V2801567  
15W 4000K LEDLINE-L24V2801567  
15W 6500K LEDLINE-H24V2801567

### 2.Product test listing

UV Test  
Waterproof Test  
High and low temperature test  
End Cap Pull Test  
Swing Test  
Bending Test  
Twist Test  
Salt spray test

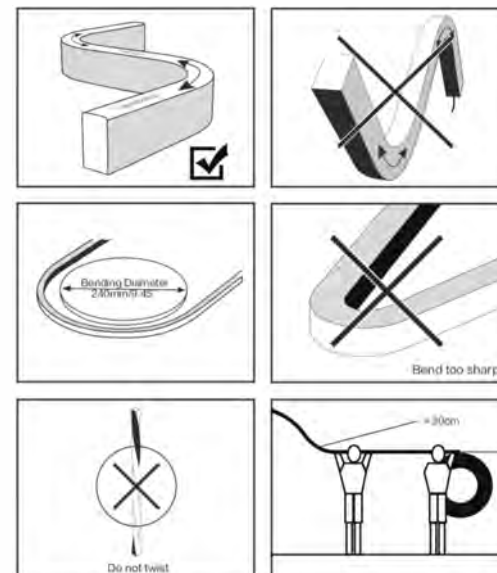


## APPLICATION

- Facade lighting, contour lighting and landscape lighting.
- Solutions for retail shops.
- Signage and illuminated advertising.
- Ideal for architectural lighting, coves, object integration.

## ADDITIONAL INFO.

- Please light it up for a quick check before installation.
- Bending diameter of LEDLINE ASTON 1615S is 240mm, do not bend to top direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- Warranty: All LED light are warranted to be free from defects in product itself for 5 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.

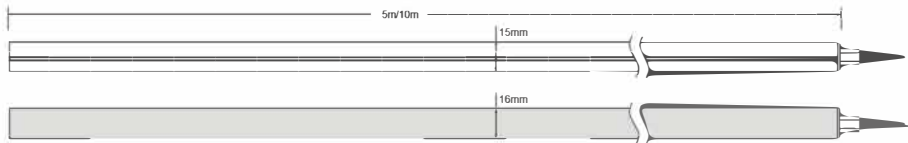


## LEDLINE NEO 1615



-LEDLINE NEO 1615, DC24V.  
Cross section size 16mm x 15mm / 0.63" x 0.59" (W x H), which is vertical bending with radius of 120mm / 4.72".  
-Unique black silicone body design makes it easier to install in different environment.  
-IP67 protected, UV resistant, chemical resistant, salt&acids & alkalis resistant.  
-2-Step MacAdam bin and dot free lighting guarantee the uniform lighting surface and the most excellent performance over the rated lifetime.

## DIMENSION



### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	Min. -25°C /-13°F, Max(Table below)
CRI	>90

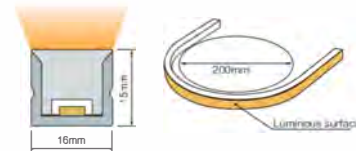
LEDLINE NEO 1615	Low output	STD output	High output
Power	5w/m	10w/m	15w/m
Efficacy@4000K	2.2lm/w	2lm/w	2lm/w
Max. Ambient Tmpt.(Ta <sub>max</sub> )	55°C /131°F	45°C /113°F	35°C /95°F

(Lm/m)

CCT	2700K	3000K	3500K	4000K	Unit Cut	Max. Run Length
Power						
5W/M	11	11	10.8	10.9	50mm	5M
10W/M	20.6	21.1	20.4	20.7	50mm	5M
15W/M	29.4	30	29.3	29.6	50mm	5M

Note:

- When ambient temperature reaches 55°C, the power is suggested to be 5W/M.
- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.

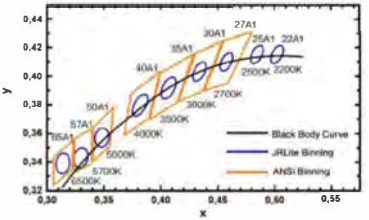


## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
LEDLINE NEO 1615	27=2700K	05000=5M/196.85"	005=5W	F=FRONT
	30=3000K		010=10W	S=SIDE
	35=3500K		015=15W	B=BOTTOM
	40=4000K			

Example:  
LEDLINE NEO 1615-30-01500-015-F:  
LEDLINE NEO 1615, 3000K, 1.5M/ reel, 15W/M, Front cable entry.

- 1.Max production length 5 meters per reel, and the standard packaging is 5 meters per reel.
- 2.Standard cable length is 30cm, if you need cable longer than 30cm, please mention us the required cable length.
- 3.Patented easy endcap achieves mechanical IP67 waterproof without any glue.



## VARIOUS CONNECTIONS



Front Cable Entry

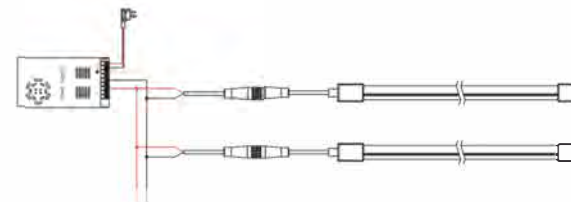


Side Cable Entry



Bottom Cable Entry

## WIRING DIAGRAM



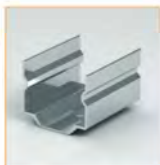
-Maximum single run length depends on the wattage of power supply and LED Strip:

5W/M - 5M Max. Single Run Length;  
10W/M - 5M Max. Single Run Length;  
15W/M - 5M Max. Single Run Length;  
The strip is 5m/reel at standard.

-Please contact us if >150W power supply is needed.



## ACCESSORIES



Stainless Steel Mounting clips  
Order Code: AC014-SET  
Dimension: 20x16.8x12.6mm/  
0.79"x0.66"x0.50"(LxWxH)  
Material: Stainless Steel  
Color: silver



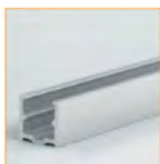
Aluminium Mounting clips  
Order Code: AC401-SET  
Dimension: 20x20.5x17.6mm/  
0.79"x0.81"x0.69"(LxWxH)  
Material: aluminium  
Color: silver



Curved Profile  
Order Code: AC013-CR  
Dimension: 500x17x15mm/  
19.69"x0.67"x0.59"(LxWxH)  
Material: stainless steel  
Color: silver



IP67 Connector 2PIN  
Order Code: AD007-2  
Wire Gauge: 0.519mm2  
/20AWG  
Protection: IP67 (Mated)  
Mechanical Operation: >500  
mating cycles



Aluminium Profile  
Order Code: AC013-AP  
Dimension: 1000x20.5x17.6m  
m/39.37"x0.81"x0.69"(LxWxH)  
Material: aluminium  
Color: silver



LEDLINE ASTON Scissor  
Order Code: AF001-1

## DRIVER



Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification  
Indoor use only.



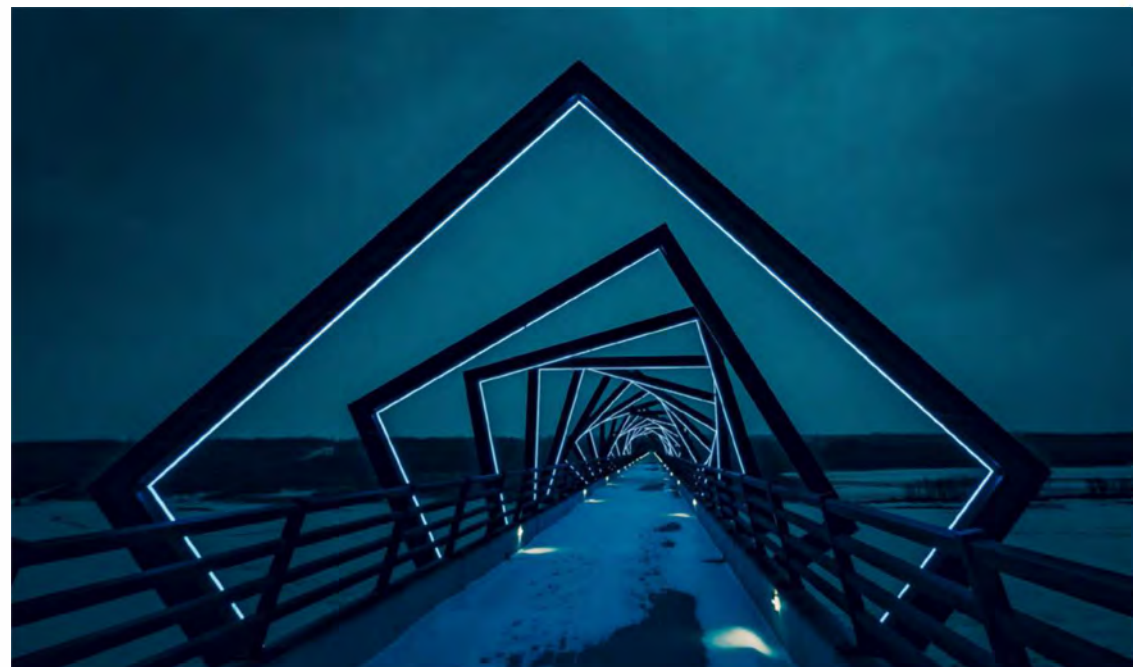
Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

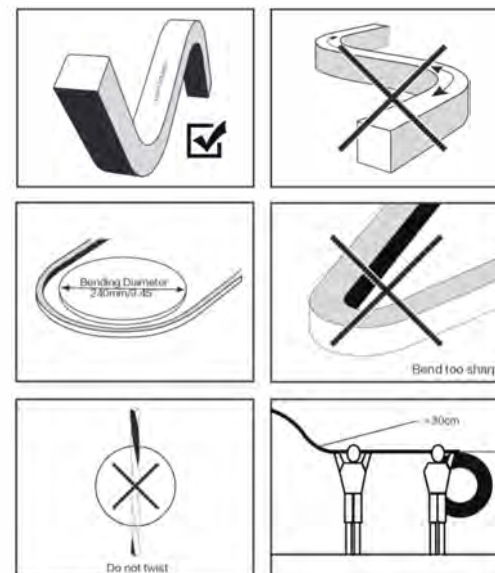


## APPLICATION

- Facade lighting, contour lighting and landscape lighting.
- Solutions for retail shops, shopping mall, hotel, restaurant, handrails lighting.
- Signage and illuminated advertising.
- Ideal for architectural lighting, coves, object integration.

## ADDITIONAL INFO.

- Please light it up for a quick check before installation.
- Bending diameter of LEDLINE NEO 1615 is 240mm, do not bend to side direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- Warranty: All LED light are warranted to be free from defects in product itself for 5 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.

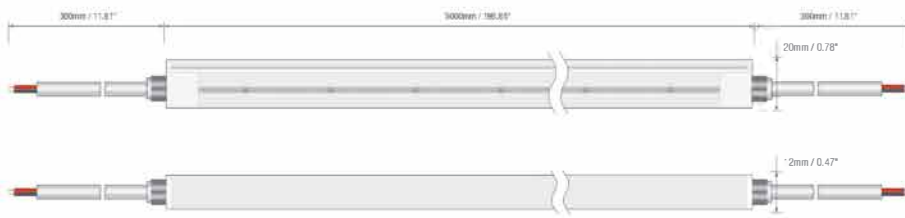


## LEDLINE ASTON 1220 WHT



-LEDLINE ASTON 1220 WHT, DC24V. Cross section size 12mm x 20mm/ 0.47" x 0.79" (W x H), which is horizontal bending with radius of 120mm / 4.72".  
 -IP67 protected, UV resistant, chemical resistant and DIY connectors for indoor & outdoor solutions. Very easy to cut & reconnect on site.  
 -2-Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.

## DIMENSION



### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	Ta <sub>min</sub> =-25°C /-13°F, Ta <sub>max</sub> (Table below)
CRI	Ra94

LEDLINE ASTON 1220 WHT	Low output	STD output	High output
Power(W/m W/ft)	5/1.5	10/3.1	15/4.6
Efficacy(lm/W) @4000K	30	35	32
Max. Ambient temp.(Ta <sub>max</sub> )	55°C /131°F	45°C /113°F	35°C /95°F

(Lm/m)

CCT	2700K	3000K	3500K	4000K	5300K	Max. Run Length	Live! Cut	DIY Endcap Max. Run length
Power								
5W/M	146	156	160	150	155	27M	50mm	20M
*10W/M	324	346	355	346	349	17M	50mm	10M
15W/M	436	492	500	475	490	14M	50mm	6.6M

Note:

- The max. run length of using Integrated Endcap and DIY Endcap is different. Please refer to the above table.
- When ambient temperature reaches 55°C, the power is suggested to be 5W/M.
- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.

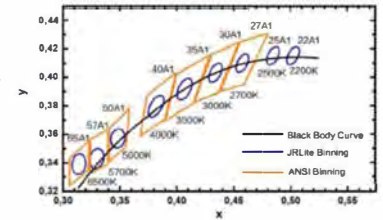


## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
ASTON 1220WHT	27=2700K	05000=5M/196.85'	005=5W	F=FRONT
	30=3000K		010=10W	S=SIDE
	35=3500K		015=15W	B=BOTTOM
	40=4000K			
	53=5300K			

Example:  
 ASTON 1220 WHT -40-05000-010-S:  
 LEDLINE ASTON 1220 WHT, 4000K,  
 5M/reel, 10W/M, Side cable entry.

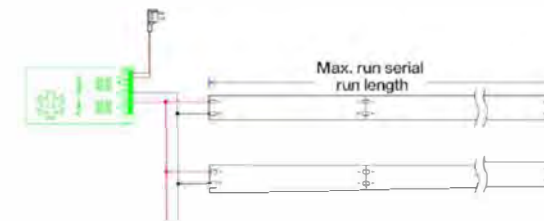
- 1.Max production length 30meters per reel, and the standard packaging is 10meters per reel.
- 2.Standard cable length is 30cm, if you need cable longer than 30cm, please mention us the required cable length.
- 3.Patented easy endcap achieves mechanical IP67 waterproof without any glue.
- 4.It is IK08 rated.



## VARIOUS CONNECTIONS



## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

5W/M - 27M Max. Single Run Length;  
 10W/M - 17M Max. Single Run Length;  
 15W/M - 14M Max. Single Run Length;  
 The strip is 10m/reel at standard.

-Please contact us if >150W power supply is needed.



## ACCESSORIES



Aluminium Profile  
Order Code: AC015-AP  
Dimension: 1000x17.5x22.9mm/39.37"x0.69"x0.9"(LxWxH)  
Material: aluminium  
Color: silver



Curved Profile  
Order Code: AC015-CR  
Dimension: 500x26.4x18mm/19.68"x1.04"x0.71"(LxWxH)  
Material: stainless steel  
Color: silver



Mounting Clips  
Order Code: AC016-SET  
Dimension: 20x12.6x18.9mm/0.79"x0.50"x0.74"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter led strips needs 4 clips + 4 screws



IP67 Connector 2PIN  
Order Code: AD007-2  
Wire Gauge: 0.519mm<sup>2</sup>/20AWG  
Protection: IP67 (Mated)  
Mechanical Operation: >500 mating cycles



IP67 Connector 2PIN  
Order Code: AD007-2  
Wire Gauge: 0.519mm<sup>2</sup>/20AWG  
Protection: IP67 (Mated)  
Mechanical Operation: >500 mating cycles



End Cap 2PIN  
Order Code: AD008-2-F  
Dimension: 26.5x17x24.2mm/1.04"x0.67"x0.95"(LxWxH)  
Color: transparent  
Cable Entry: front



End Cap 2PIN  
Order Code: AD008-2-S  
Dimension: 26.5x17x24.2mm/1.04"x0.67"x0.95"(LxWxH)  
Color: transparent  
Cable Entry: side



End Cap 2PIN  
Order Code: AD008-2-B  
Dimension: 26.5x17x24.2mm/1.04"x0.67"x0.95"(LxWxH)  
Color: transparent  
Cable Entry: bottom



Closed End Cap  
Order Code: AD009  
Dimension: 26.5x17x24.2mm/1.04"x0.67"x0.95"(LxWxH)  
Material: stainless steel  
Color: silver



LEDLINE ASTON Scissor  
Order Code: AF001-1

## DRIVER



Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification  
Indoor use only.



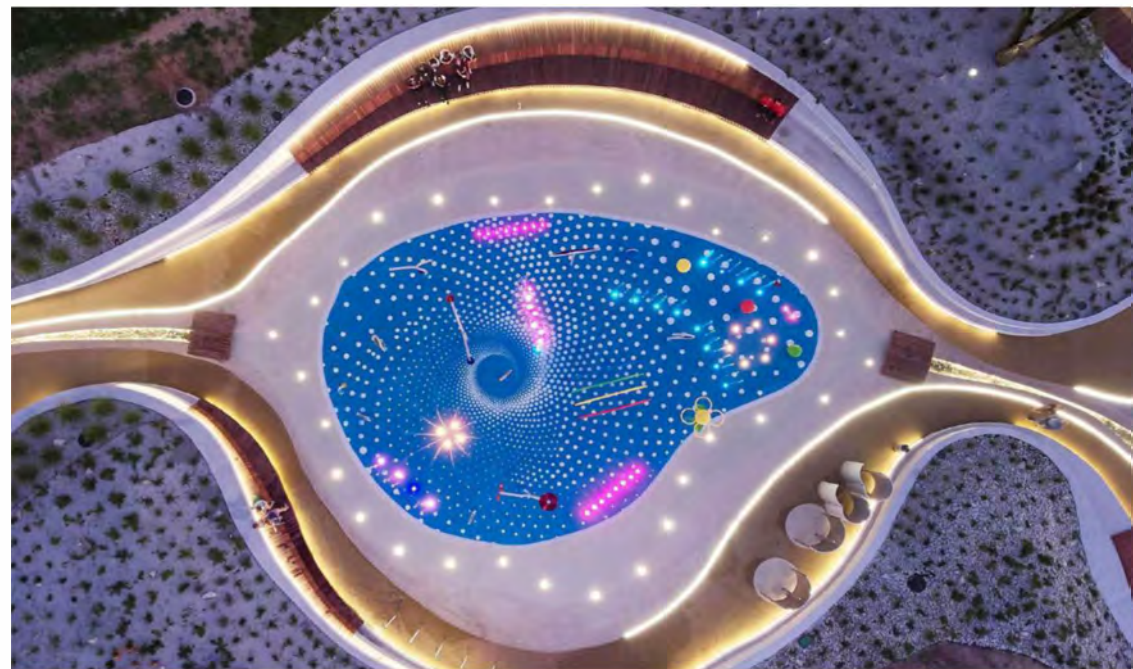
Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

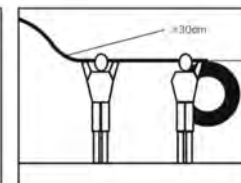
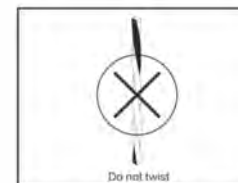
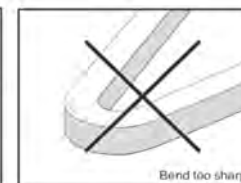
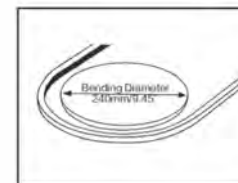
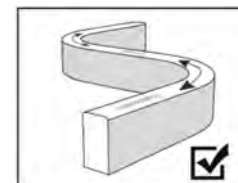


## APPLICATION

- Facade lighting, contour lighting and landscape lighting.
- Solutions for retail shops.
- Signage and illuminated advertising.
- Ideal for architectural lighting, coves, object integration.

## ADDITIONAL INFO.

- Please Light it up for a quick check before installation.
- Bending diameter of LEDLINE ASTON 1220 WHT is 240mm, do not bend to upward or downward direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- Warranty: All LED light are warranted to be free from defects in Product itself for 5 years from the date of purchase.  
This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.



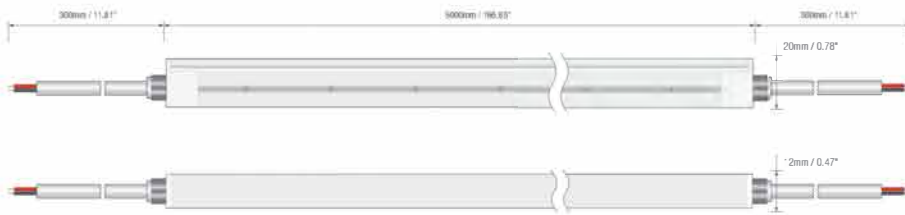


## LEDLINE ASTON 1220 IQ



-LEDLINE ASTON 1220 IQ, DC24V. Cross section size 12mm x 20mm/ 0.47" x 0.79" (W x H), which is horizontal bending with radius of 120mm / 4.72".  
-IP67 protected, UV resistant, chemical resistant and DIY connectors for indoor & outdoor solutions. Very easy to cut & reconnect on site.  
-3-Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.

## DIMENSION



### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> ; 60°C /140°F <sub>max</sub>
Ambient Temperature	Ta <sub>min</sub> =-25°C /-13°F; Ta <sub>max</sub> =35°C /95°F@15W Ta <sub>max</sub> =45°C /113°F@7.5W(Single Color)
CRI	Ra80
Power(W/m W/ft)	15/4.6
Efficacy(lm/W) @5300K	36



CCT	LMMtr	Max. Watt	Max. Run Length	Unit Cut	DIY Endcap Max. Run length
2700K	270	7.5W/M	5M	50mm	5M
5300K	270	7.5W/M	5M	50mm	5M
2700K+5300K	523	15W/M	5M	50mm	5M

### Note:

- The max. run length of using Integrated Endcap and DIY Endcap is different. Please refer to the above table.
- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.

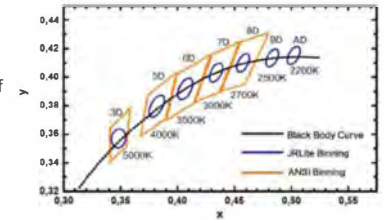


## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
ASTON 1220 IQ	2753=2700K+5300K	05000=5M/196.85'	015=15W	F=FRONT S=SIDE B=BOTTOM

Example:  
ASTON 1220 IQ -2753-01500-015-F:  
LEDLINE ASTON 1220 Tunable White  
2700K+5300K, 1.5M/reel, 15W/ M,  
Front cable entry.

- 1.Max production length 30meters per reel, and the standard packaging is 10meters per reel.
- 2.Standard cable length is 30cm, if you need cable longer than 30cm, please mention us the required cable length.
- 3.Patented easy endcap achieves mechanical IP67 waterproof without any glue.
- 4.It is IK08 rated.



## VARIOUS CONNECTIONS



**Front Cable Entry**  
DIY connector optional

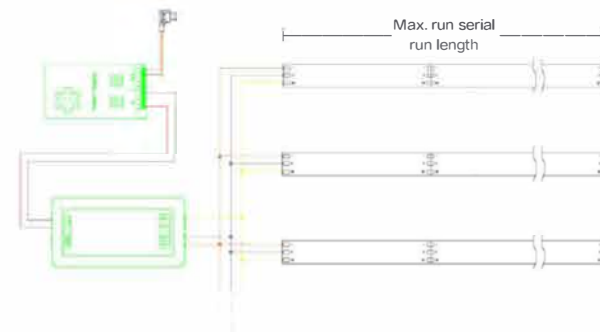


**Side Cable Entry**  
The cable could be perfectly hidden to achieve seamless light connection.  
DIY connector optional



**Bottom Cable Entry**  
The cable could be perfectly hidden to achieve seamless light connection.  
DIY connector optional

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

15W/M - 5M Max. Single Run Length;  
The strip is 10m/reel at standard.

-Please contact us if >150W power supply is needed.

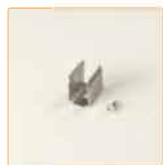
## ACCESSORIES



Aluminium Profile  
Order Code: AC015-AP  
Dimension: 1000x17.5x22.9mm/  
39.37"x0.69"x0.9" (LxWxH)  
Material: aluminium  
Color: silver



Curved Profile  
Order Code: AC015-CR  
Dimension: 500x26.4x18mm/  
19.68"x1.04"x0.71" (LxWxH)  
Material: stainless steel  
Color: silver



Mounting Clips  
Order Code: AC016-SET  
Dimension: 20x12.6x18.9mm/  
0.79"x0.50"x0.74" (LxWxH)  
Material: stainless steel  
Color: silver  
Each meter led strips needs 4  
clips + 4 screws



IP67 Connector 3PIN  
Order Code: AD007-3  
Wire Gauge: 0.519mm<sup>2</sup>/20AWG  
Protection: IP67 (Mated)  
Mechanical Operation: >500  
mating cycles



IP67 Connector 3PIN  
Order Code: AD007-3  
Wire Gauge: 0.519mm<sup>2</sup>/20AWG  
Protection: IP67 (Mated)  
Mechanical Operation: >500  
mating cycles



End Cap 3PIN  
Order Code: AD008-3-F  
Dimension: 26.5x17x24.2mm/  
1.04"x0.67"x0.95" (LxWxH)  
Color: transparent  
Cable Entry: front



End Cap 3PIN  
Order Code: AD008-3-S  
Dimension: 26.5x17x24.2mm/  
1.04"x0.67"x0.95" (LxWxH)  
Color: transparent  
Cable Entry: side



End Cap 3PIN  
Order Code: AD008-3-B  
Dimension: 26.5x17x24.2mm/  
1.04"x0.67"x0.95" (LxWxH)  
Color: transparent  
Cable Entry: bottom



Closed End Cap  
Order Code: AD009  
Dimension: 26.5x17x24.2mm/  
1.04"x0.67"x0.95" (LxWxH)  
Material: stainless steel  
Color: silver



LEDLINE ASTON Scissor  
Order Code: AF001-1

## CONTROLLER & DRIVER



Order code: M2+M3-3A  
RF Controller 144W  
DC24V, 3A\*2Channel, Max 6A  
IP20, Support remote control.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.

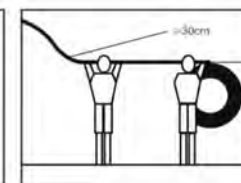
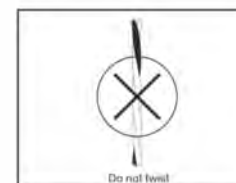
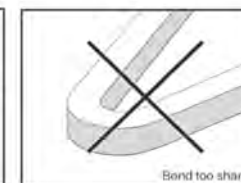
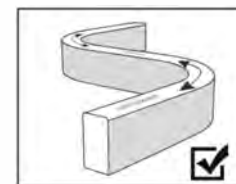


## APPLICATION

- Hotel, restaurant, handrails lighting.
- Shop, residential, offices lighting.
- Organic shaped luminaires.
- Ideal for architectural lighting, object integration and signage.

## ADDITIONAL INFO.

- Please Light it up for a quick check before installation.
- Bending diameter of LEDLINE ASTON 1220 IQ is 240mm, do not bend to upward or downward direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- Warranty: All LED light are warranted to be free from defects in Product itself for 5 years from the date of purchase.  
This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.



## LEDLINE ASTON 1220 RGB



-LEDLINE ASTON 1220 RGB, DC24V. Cross section size 12mm x 20mm/0.47" x 0.79" (W x H), which is horizontal bending with radius of 120mm / 4.72".  
 -IP67 protected, UV resistant, chemical resistant and DIY connectors for indoor & outdoor solutions. Very easy to cut & reconnect on site.  
 -ONE BIN only and dot free MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.

## DIMENSION



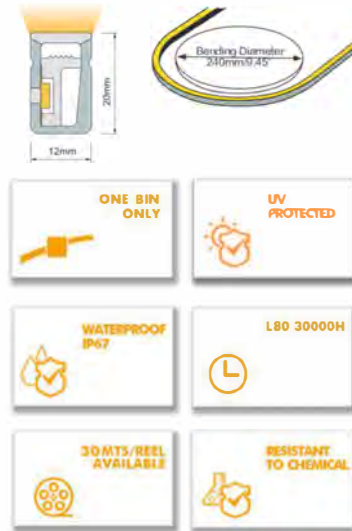
### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	Ta <sub>min</sub> =-25°C /-13°F, Ta <sub>max</sub> =35°C /95°F
Power(W/m W/ft)	11/3.4
Efficacy(lm/W)	18.2

CCT	LM/Mtr	Max. Watt	Max. Run Length	Unit Cut	DIY Endcap Max. Run length
R	41	3.7W/M	13M	125mm	6.5M
G	140	3.7W/M	13M	125mm	6.5M
B	23	3.7W/M	13M	125mm	6.5M
RGB	200	11W/M	13M	125mm	6.5M

### Note:

- The max. run length of using Integrated Endcap and DIY Endcap is different. Please refer to the above table.
- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
ASTON 1220 RGB	RGB	05000=5M/196.85'	011=11W	F=FRONT S=SIDE B=BOTTOM

Example:  
 ASTON 1220 RGB-05000-011-B:  
 LEDLINE ASTON 1220 RGB, 5M/  
 reel, 11W/M, Bottom cable entry.

- 1.Max production length 30meters per reel, and the standard packaging is 10meters per reel.
- 2.Standard cable length is 30cm, if you need cable longer than 30cm, please mention us the required cable length.
- 3.Patented easy endcap achieves mechanical IP67 waterproof without any glue.
- 4.It is IK08 rated.

## VARIOUS CONNECTIONS



**Front Cable Entry**  
 DIY connector optional

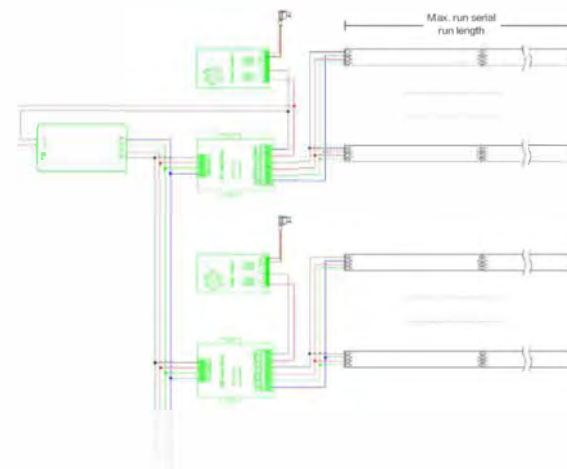


**Side Cable Entry**  
 The cable could be perfectly hidden to achieve seamless light connection.  
 DIY connector optional



**Bottom Cable Entry**  
 The cable could be perfectly hidden to achieve seamless light connection.  
 DIY connector optional

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

11W/M - 13M Max. Single Run Length;  
 The strip is 10m/reel at standard.

-Please contact us if >150W power supply is needed.



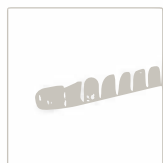
## ACCESSORIES



Aluminium Profile  
Order Code: AC015-AP  
Dimension: 1000x17.5x22.9mm/  
39.37"x0.69"x0.9" (LxWxH)  
Material: aluminium  
Color: silver



End Cap 4PIN  
Order Code: AD008-4-F  
Dimension: 26.5x17x24.2mm/  
1.04"x0.67"x0.95" (LxWxH)  
Color: transparent  
Cable Entry: front



Curved Profile  
Order Code: AC015-CR  
Dimension: 500x26.4x18mm/  
19.68"x1.04"x0.71" (LxWxH)  
Material: stainless steel  
Color: silver



End Cap 4PIN  
Order Code: AD008-4-S  
Dimension: 26.5x17x24.2mm/  
1.04"x0.67"x0.95" (LxWxH)  
Color: transparent  
Cable Entry: side



Mounting Clips  
Order Code: AC016-SET  
Dimension: 20x12.6x18.9mm/  
0.79"x0.50"x0.74" (LxWxH)  
Material: stainless steel  
Color: silver  
Each meter led strips needs 4  
clips + 4 screws



End Cap 4PIN  
Order Code: AD008-4-B  
Dimension: 26.5x17x24.2mm/  
1.04"x0.67"x0.95" (LxWxH)  
Color: transparent  
Cable Entry: bottom



IP67 Connector 4PIN  
Order Code: AD007-4  
Wire Gauge: 0.519mm<sup>2</sup>/20AWG  
Protection: IP67 (Mated)  
Mechanical Operation: >500  
mating cycles



Closed End Cap  
Order Code: AD009  
Dimension: 26.5x17x24.2mm/  
1.04"x0.67"x0.95" (LxWxH)  
Material: stainless steel  
Color: silver



IP67 Connector 4PIN  
Order Code: AD007-4  
Wire Gauge: 0.519mm<sup>2</sup>/20AWG  
Protection: IP67 (Mated)  
Mechanical Operation: >500  
mating cycles



LEDLINE ASTON Scissor  
Order Code: AF001-1

## CONTROLLER & DRIVER



Order code: M6+M3-3A  
RF Controller 216W  
DC24V, 3A\*3Channel, Max 9A  
IP20, Support remote control.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

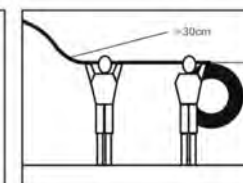
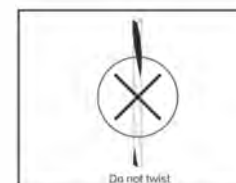
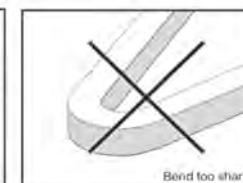
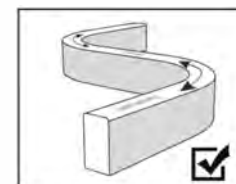


## APPLICATION

- Suitable for bar, ceiling and wall lighting application.
- Ideal for color dynamic application with excellent color rendition and high power levels.

## ADDITIONAL INFO.

- Please Light it up for a quick check before installation.
- Bending diameter of LEDLINE ASTON 1220 RGB is 240mm, do not bend to upward or downward direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- Warranty: All LED light are warranted to be free from defects in product itself for 3 years from the date of purchase.  
This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.



## LEDLINE ASTON 1220 RGBW



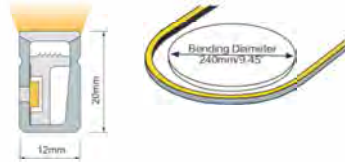
-LEDLINE ASTON 1220 RGBW, DC24V. Cross section size 12mm x 20mm/ 0.47" x 0.79" (W x H), which is horizontal bending with radius of 120mm / 4.72".  
 -IP67 protected, UV resistant, chemical resistant and DIY connectors for indoor & outdoor solutions. Very easy to cut & reconnect on site.  
 -ONE BIN only and dot free lighting guarantee the most excellent performance over the rated lifetime.

## DIMENSION



### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	T <sub>a min</sub> = -25°C /-13°F; T <sub>a max</sub> = 35°C /95°F@15W T <sub>a max</sub> = 55°C /131°F@3.75W(Single Color)
Power(W/m W/ft)	15/4.6
Efficacy(lmW) @5300K	32.8



CCT	LM/Mtr	Max. Watt	Max. Run Length	Unit Cut	DIY Endcap Max. Run length
R	36	3.75W/M	10M	125mm	4.8M
G	107	3.75W/M	10M	125mm	4.8M
B	34	3.75W/M	10M	125mm	4.8M
W27	122	3.75W/M	10M	125mm	4.8M
W40	136	3.75W/M	10M	125mm	4.8M
W53	123	3.75W/M	10M	125mm	4.8M
RGBW40	313	15W/M	10M	125mm	4.8M

### Note:

- The max. run length of using Integrated Endcap and DIY Endcap is different. Please refer to the above table.
- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
ASTON 1220 RGBW	27=2700K	05000=5M/196.85'	015=15W	F=FRONT
	40=4000K			S=SIDE
	53=5300K			B=BOTTOM

Example:  
 ASTON 1220 RGBW27-05000-015-F:  
 LEDLINE ASTON 1220 RGBW2700K,  
 5M/reel, 15W/M, Front cable entry.

- 1.Max production length 30meters per reel, and the standard packaging is 10meters per reel.
- 2.Standard cable length is 30cm, if you need cable longer than 30cm, please mention us the required cable length.
- 3.Patented easy endcap achieves mechanical IP67 waterproof without any glue.
- 4.It is IK08 rated.

## VARIOUS CONNECTIONS



**Front Cable Entry**  
 DIY connector optional

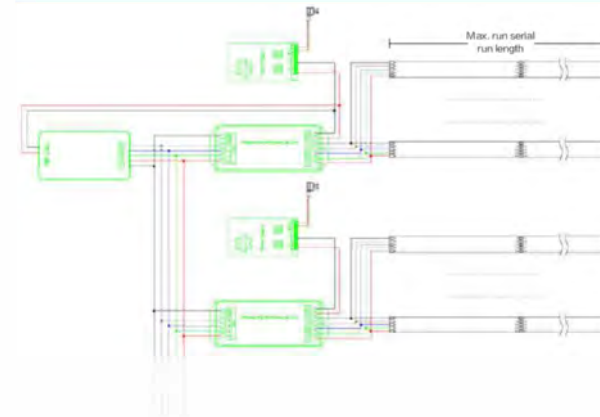


**Side Cable Entry**  
 The cable could be perfectly hidden to achieve seamless light connection.  
 DIY connector optional



**Bottom Cable Entry**  
 The cable could be perfectly hidden to achieve seamless light connection.  
 DIY connector optional

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

15W/M - 10M Max. Single Run Length;  
 The strip is 10m/reel at standard.

-Please contact us if >150W power supply is needed.



## ACCESSORIES



Aluminium Profile  
Order Code: AC015-AP  
Dimension: 1000x17.5x22.9mm/  
39.37"x0.69"x0.9"(LxWxH)  
Material: aluminium  
Color: silver



End Cap 5PIN  
Order Code: AD008-5-F  
Dimension: 26.5x17x24.2mm/  
1.04"x0.67"x0.95"(LxWxH)  
Color: transparent  
Cable Entry: front



Curved Profile  
Order Code: AC015-CR  
Dimension: 500x26.4x18mm/  
19.68"x1.04"x0.71"(LxWxH)  
Material: stainless steel  
Color: silver



End Cap 5PIN  
Order Code: AD008-5-S  
Dimension: 26.5x17x24.2mm/  
1.04"x0.67"x0.95"(LxWxH)  
Color: transparent  
Cable Entry: side



Mounting Clips  
Order Code: AC016-SET  
Dimension: 20x12.6x18.9mm/  
0.79"x0.50"x0.74"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter led strips needs 4  
clips + 4 screws



End Cap 5PIN  
Order Code: AD008-5-B  
Dimension: 26.5x17x24.2mm/  
1.04"x0.67"x0.95"(LxWxH)  
Color: transparent  
Cable Entry: bottom



IP67 Connector 5PIN  
Order Code: AD007-5  
Wire Gauge: 0.519mm<sup>2</sup>/20AWG  
Protection: IP67 (Mated)  
Mechanical Operation: >500  
mating cycles



Closed End Cap  
Order Code: AD009  
Dimension: 26.5x17x24.2mm/  
1.04"x0.67"x0.95"(LxWxH)  
Material: stainless steel  
Color: silver



IP67 Connector 5PIN  
Order Code: AD007-5  
Wire Gauge: 0.519mm<sup>2</sup>/20AWG  
Protection: IP67 (Mated)  
Mechanical Operation: >500  
mating cycles



LEDLINE ASTON Scissor  
Order Code: AF001-1

## CONTROLLER & DRIVER



Order code: M4+M4-3A  
RF Controller 288W  
DC24V, 3A\*4Channel, Max 12A  
IP20, Support remote control.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

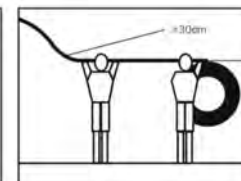
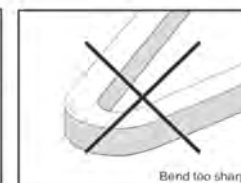
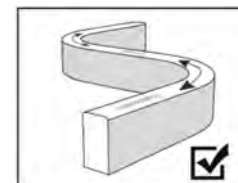


## APPLICATION

- Suitable for bar, ceiling and wall lighting application.
- Ideal for color dynamic application with excellent color rendition and high power levels.

## ADDITIONAL INFO.

- Please Light it up for a quick check before installation.
- Bending diameter of LEDLINE ASTON 1220 RGBW is 240mm, do not bend to upward or downward direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- Warranty: All LED light are warranted to be free from defects in Product itself for 3 years from the date of purchase.  
This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.





## LEDLINE ASTON 1220 MEDIA



-LEDLINE ASTON 1220 MEDIA, DC24V. Cross section size 12mm x 20mm/ 0.47" x 0.79" (W x H), which is horizontal bending with radius of 120mm / 4.72".  
-IP67 protected, UV resistant, chemical resistant and easy plug and connection for indoor & outdoor solutions.  
-DMX512 control mode and dor free lighting guarantee the most excellent color changing performance over rated lifetime.

## DIMENSION



### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> 60°C /140°F <sub>max</sub>
Ambient Temperature	T <sub>a,min</sub> =-25°C /-13°F, T <sub>a,max</sub> =45°C /113°F
Power(W/m W/ft)	10/3.1
Efficacy(lm/W)	14
Gray Scale	65536
Pixel/M	8
Control Mode	DMX 512

CCT	LM/Mtr	Max. Watt	Max. Run Length	Unit Cut
R	31	3.3W/M	5M	125mm
G	92	3.3W/M	5M	125mm
B	18	3.3W/M	5M	125mm
RGB	138	10W/M	5M	125mm

### Note:

-Max. run length refers to single side feed in serial connection.  
-The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.  
-The given color temperature is the temperature of finished product.



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
ASTON 1220 MEDIA	RGB	05000=5M/196.85'	010=10W	F=FRONT S=SIDE B=BOTTOM

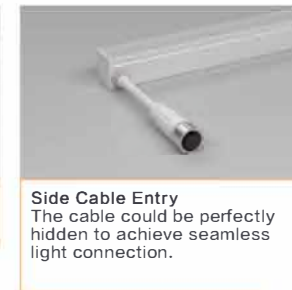
Example:  
ASTON 1220 MEDIA RGB-05000-010-F:  
LEDLINE ASTON 1220 MEDIA Digital RGB, 5M/reel, 10W/M, Front cable entry.

- 1.Max production length 30meters per reel, and the standard packaging is 5meters per reel.
- 2.The standard product with female and male connectors is for ready wiring setup, and for easy plug and play.
- 3.Continuous light without light interruption.
- 4.It is no IK-Rated, please don't walk on it without protection.

## VARIOUS CONNECTIONS



Front Cable Entry

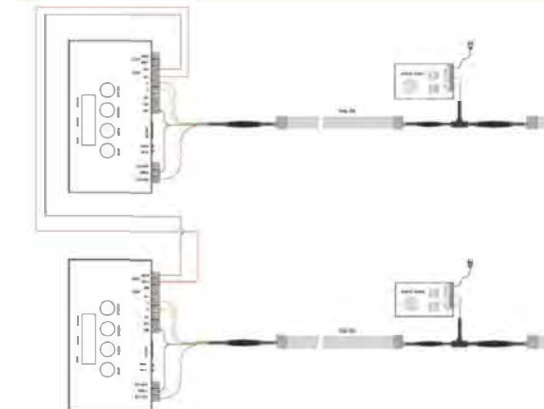


Side Cable Entry  
The cable could be perfectly hidden to achieve seamless light connection.



Bottom Cable Entry  
The cable could be perfectly hidden to achieve seamless light connection.

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

10W/M - 5M Max. Single Run Length;  
The strip is 5m/reel at standard.

-Please contact us if >150W power supply is needed.

## ACCESSORIES



Aluminium Profile  
Order Code: AC015-AP  
Dimension: 1000x17.5x22.9mm/  
39.37"x0.69"x0.9" (LxWxH)  
Material: aluminium  
Color: silver



End Cap 5PIN Digital  
Order Code: AD008-5D-F  
Dimension: 13x15x22.5mm/  
0.51"x0.59"x0.89" (LxWxH)  
Color: White  
Cable Entry: front/side/bottom  
Picture: front



Curved Profile  
Order Code: AC015-CR  
Dimension: 500x26.4x18mm/  
19.68"x1.04"x0.71" (LxWxH)  
Material: stainless steel  
Color: silver



Closed End Cap  
Order Code: AD009S  
Dimension: 13x15x22.5mm/  
0.51"x0.59"x0.89" (LxWxH)  
Material: silicone  
Color: White



Mounting Clips  
Order Code: AC016-SET  
Dimension: 20x12.6x18.9/  
0.79"x0.50"x0.74"  
Material: stainless steel  
Color: silver  
Each meter led strips needs 4  
clips + 4 screws



IP67 Signal Connector  
Order Code: AD020  
Wire Gauge: 0.326mm<sup>2</sup>/22AWG  
Protection: IP67 (Mated)



IP67 Connector 5PIN Digital  
Order Code: AD007-5D  
Wire gauge: 0.326mm<sup>2</sup>/22AWG  
Protection: IP67 (Mated)



IP67 T Type Connector  
Order Code: AD021  
Wire Gauge: 0.326mm<sup>2</sup>/22AWG  
Protection: IP67 (Mated)



IP67 Connector 5PIN Digital  
Order Code: AD007-5D  
Wire gauge: 0.326mm<sup>2</sup>/22AWG  
Protection: IP67 (Mated)



LEDLINE ASTON Scissor  
Order Code: AF001-1

## CONTROLLER & DRIVER



Order Code: K-1000C  
SD Card program Controller  
DC5-24V, 2W output, 128MB-  
3GB capacity.



Order Code: SM-XMQ1000A  
Coder  
9PCS built-in effects, only  
support DMX512 protocol chip.



Order Code: T-780K  
DMX Controller  
DC5-24V, 8 channels, 5W  
output, Madrix system  
compatible.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.

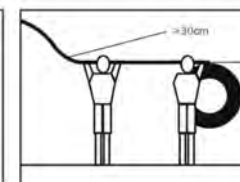
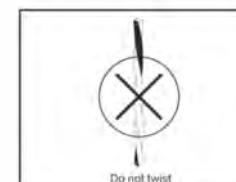
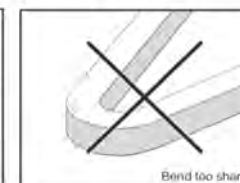
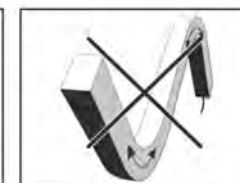
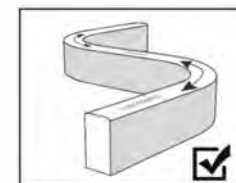


## APPLICATION

- Suitable for entertainment, facade and stage lighting applications.
- Decoration lighting for game machines.

## ADDITIONAL INFO.

- Please Light it up for a quick check before installation.
- Bending diameter of LEDLINE ASTON 1220 MEDIA is 240mm, do not bend to upward or downward direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- Warranty: All LED light are warranted to be free from defects in product itself for 3 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.



## LEDLINE ASTON 1220 MEDIA RGBW



-LEDLINE ASTON 1220 MEDIA RGBW, DC24V. Cross section size 12mm x 20mm/ 0.47" x 0.79" (W x H), which is horizontal bending with radius of 120mm / 4.72".

-IP67 protected, UV resistant, chemical resistant and easy play and plug connection for indoor & outdoor solutions.

-DMX512 control mode and dor free lighting guarantee the most excellent color changing performance over rated lifetime.

## DIMENSION



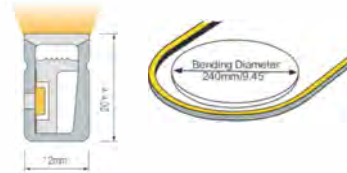
### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	T <sub>min</sub> =-25°C /-13°F, T <sub>max</sub> =45°C /113°F
Power(W/m W/ft)	14/4.3
Efficacy(lm/W)	37
Gray Scale	256
Pixel/M	8
Control Mode	DMX 512

CCT	LM/Mtr	Max. Watt	Max. Run Length	Unit Cut
R	23	3.5W/M	5M	125mm
G	70	3.5W/M	5M	125mm
B	19	3.5W/M	5M	125mm
W27	118	3.5W/M	5M	125mm
W40	129	3.5W/M	5M	125mm
W53	120	3.5W/M	5M	125mm
RGBW40	241	14W/M	5M	125mm

### Note:

- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
ASTON 1220 MEDIA RGBW	27=2700K	05000=5M/196.85'	014=14W	F=FRONT
	40=4000K			S=SIDE
	53=5300K			B=BOTTOM

Example:  
ASTON 1220 MEDIA RGBW27-  
05000-014-F:  
LEDLINE ASTON 1220 MEDIA Digital  
RGBW2700K, 5M/reel, 14W/M, Front  
cable entry.

- 1.Max production length 30meters per reel, and the standard packaging is 5meters per reel.
- 2.The standard product with female and male connectors is for ready wiring setup, and for easy plug and play.
- 3.Continuous light without light interruption.
- 4.It is no IK-Rated, please don't walk on it without protection.

## VARIOUS CONNECTIONS



Front Cable Entry

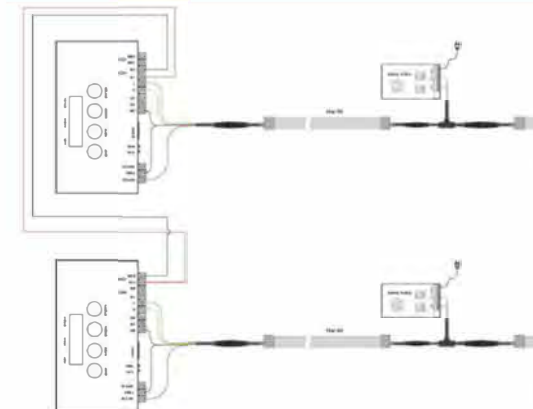


Side Cable Entry  
The cable could be perfectly hidden to achieve seamless light connection.



Bottom Cable Entry  
The cable could be perfectly hidden to achieve seamless light connection.

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

14W/M - 5M Max. Single Run Length;  
The strip is 5m/reel at standard.

-Please contact us if >150W power supply is needed.



## ACCESSORIES



Aluminium Profile  
Order Code: AC015-AP  
Dimension: 1000x17.5x22.9mm/  
39.37"x0.69"x0.9"(LxWxH)  
Material: aluminium  
Color: silver



End Cap 5PIN Digital  
Order Code: AD008-5D-F  
Dimension: 13x15x22.5mm/  
0.51"x0.59"x0.89"(LxWxH)  
Color: White  
Cable Entry: front/side/bottom  
Picture: front



Curved Profile  
Order Code: AC015-CR  
Dimension: 500x26.4x18mm/  
19.68"x1.04"x0.71"(LxWxH)  
Material: stainless steel  
Color: silver



Closed End Cap  
Order Code: AD009S  
Dimension: 13x15x22.5mm/  
0.51"x0.59"x0.89"(LxWxH)  
Material: silicone  
Color: White



Mounting Clips  
Order Code: AC016-SET  
Dimension: 20x12.6x18.9/  
0.79"x0.50"x0.74"  
Material: stainless steel  
Color: silver  
Each meter led strips needs 4  
clips + 4 screws



IP67 Signal Connector  
Order Code: AD020  
Wire Gauge: 0.326mm<sup>2</sup>/22AWG  
Protection: IP67 (Mated)



IP67 Connector 5PIN Digital  
Order Code: AD007-5D  
Wire gauge: 0.326mm<sup>2</sup>/22AWG  
Protection: IP67 (Mated)



IP67 T Type Connector  
Order Code: AD021  
Wire Gauge: 0.326mm<sup>2</sup>/22AWG  
Protection: IP67 (Mated)



IP67 Connector 5PIN Digital  
Order Code: AD007-5D  
Wire gauge: 0.326mm<sup>2</sup>/22AWG  
Protection: IP67 (Mated)



LEDLINE ASTON Scissor  
Order Code: AF001-1

## CONTROLLER & DRIVER



Order Code: K-1000C  
SD Card program Controller  
DC5-24V, 2W output, 128MB-  
3GB capacity.



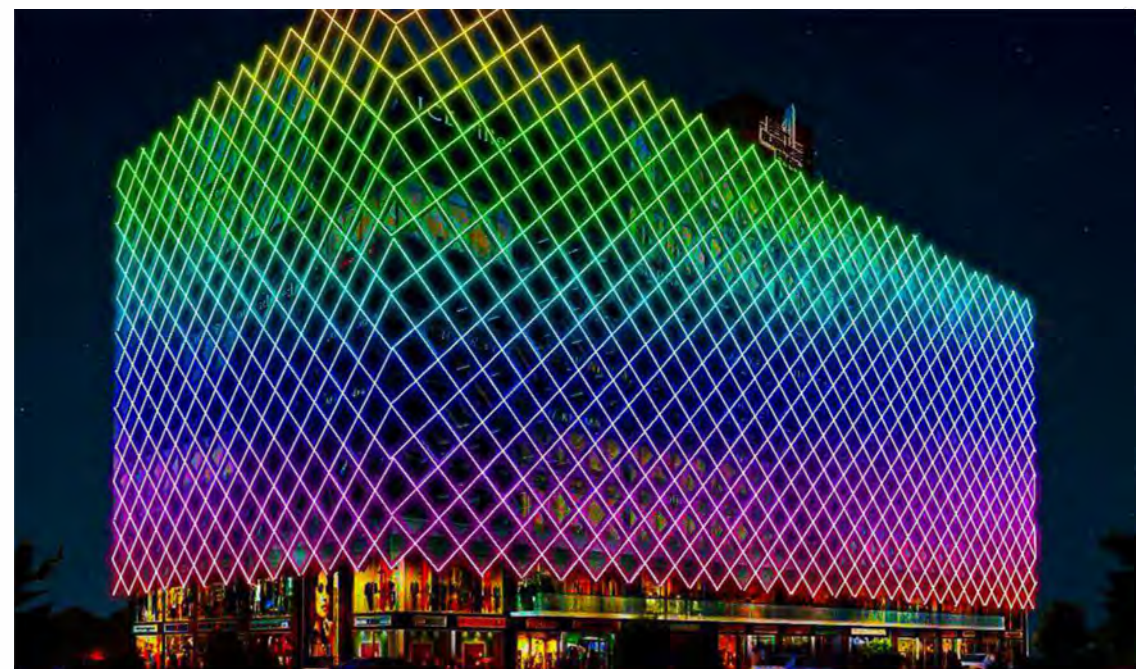
Order Code: SM-XMQ1000A  
Coder  
9PCS built-in effects, only  
support DMX512 protocol chip.



Order Code: T-780K  
DMX Controller  
DC5-24V, 8 channels, 5W  
output, Madrix system  
compatible.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.

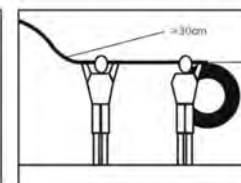
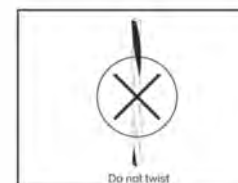
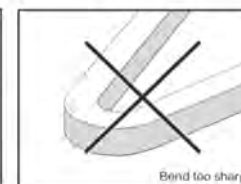
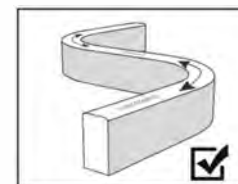


## APPLICATION

- Suitable for entertainment, facade and stage lighting applications.
- Decoration lighting for game machines.

## ADDITIONAL INFO.

- Please Light it up for a quick check before installation.
- Bending diameter of LEDLINE ASTON 1220 MEDIA RGBW is 240mm, do not bend to upward or downward direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- Warranty: All LED light are warranted to be free from defects in product itself for 3 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.



## LEDLINE NEO 1220



-LEDLINE NEO 1220, DC24V.  
Cross section size 12mm x20mm/  
0.47" x 0.79" (W x H), which is  
horizontal bending with radius of  
120mm / 4.72".  
-Unique black silicone body  
design makes it easier to install in  
different environment.  
-IP67 protected, UV resistant,  
chemical resistant, salt&acids &  
alkalis resistant.  
-2-Step MacAdam bin and  
dot free lighting guarantee the  
uniform lighting surface and the  
most excellent performance over  
the rated lifetime.

## DIMENSION



### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	Min.-25°C /-13°F, Max (Table below)
CRI	>90

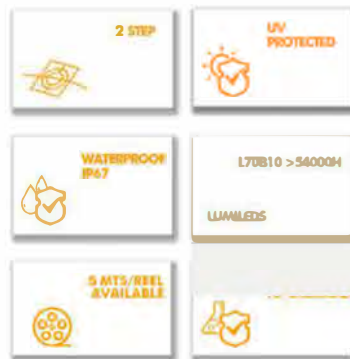
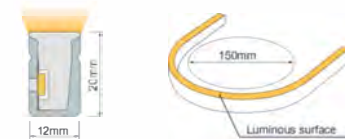
LEDLINE NEO 1220	Low output	STD output	High output
Power	5w/m	10w/m	15w/m
Efficacy@4000K	2lm/w	1.87lm/w	1.8lm/w
Max. Ambient Temp(T <sub>a</sub> <sub>max</sub> )	55°C /131°F	45°C /113°F	35°C /95°F

(Lm/m);

CCT	2700K	3000K	3500K	4000K	Max. Run Length	Unit Cut
Power						
5W/M	8.6	9.1	9.2	10.1	5M	50mm
10W/M	17.2	17.8	17.4	19.5	5M	50mm
15W/M	23	24.2	24.9	26.6	5M	50mm

Note:

- When ambient temperature reaches 55°C, the power is suggested to be 5W/M.
- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.

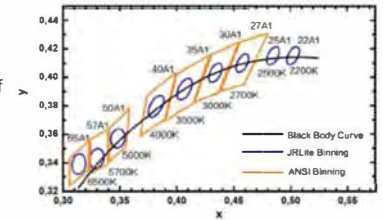


## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
LEDLINE NEO 1220	27=2700K	05000=5M/196.85"	005=5W	F=FRONT
	30=3000K		010=10W	S=SIDE
	35=3500K		015=15W	B=BOTTOM
	40=4000K			

Example:  
LEDLINE NEO 1220-30-01500-015-F:  
LEDLINE NEO 1220, 3000K, 1.5M/  
reel, 15W/M, Front cable entry.

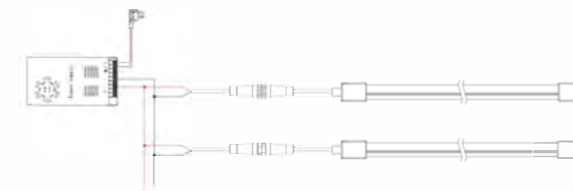
- 1.Max production length 5 meters per reel, and the standard packaging is 5 meters per reel.
- 2.Standard cable length is 30cm, if you need cable longer than 30cm, please mention us the required cable length.
- 3.Patented easy endcap achieves mechanical IP67 waterproof without any glue.



## VARIOUS CONNECTIONS



## WIRING DIAGRAM



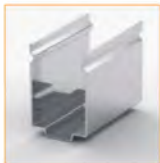
-Maximum single run length depends on the wattage of power supply and LED Strip:

5W/M - 5M Max. Single Run Length;  
10W/M - 5M Max. Single Run Length;  
15W/M - 5M Max. Single Run Length;  
The strip is 5m/reel at standard.

-Please contact us if >150W power supply is needed.



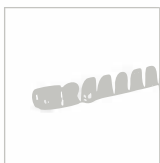
## ACCESSORIES



Stainless Steel Mounting clips  
Order Code: AC016-SET  
Dimension: 20x12.8x18.9mm/0.79"x0.51"x0.75"(LxWxH)  
Material: Stainless Steel  
Color: silver



Aluminium Mounting clips  
Order Code: AC501-SET  
Dimension: 20x17.3x21mm/0.79"x0.69"x0.83"(LxWxH)  
Material: aluminium  
Color: silver



Curved Profile  
Order Code: AC015-CR  
Dimension: 500x26.4x18mm/19.68"x1.04"x0.71"(LxWxH)  
Material: stainless steel  
Color: silver



LEDLINE ASTON Scissor  
Order Code: AF001-1



Aluminium Profile  
Order Code: AC015-AP  
Dimension: 1000x17.3x21mm/39.37"x0.68"x0.83"(LxWxH)  
Material: aluminium  
Color: silver



IP67 Connector 2PIN  
Order Code: AD007-2  
Wire Gauge: 0.519mm<sup>2</sup>/20AWG  
Protection: IP67 (Mated)  
Mechanical Operation: >500 mating cycles

## DRIVER



Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification  
Indoor use only.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

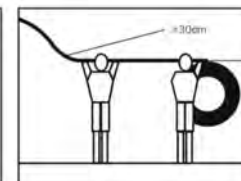
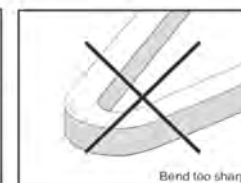
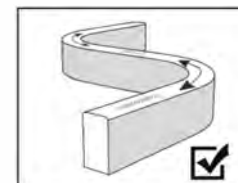


## APPLICATION

- Facade lighting, contour lighting and landscape lighting.
- Solutions for retail shops, shopping mall, hotel, restaurant, handrails lighting.
- Signage and illuminated advertising.
- Ideal for architectural lighting, coves, object integration.

## ADDITIONAL INFO.

- Please light it up for a quick check before installation.
- Bending diameter of LEDLINE NEO 1220 is 240mm, do not bend to upward or downward direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- Warranty: All LED light are warranted to be free from defects in product itself for 5 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.



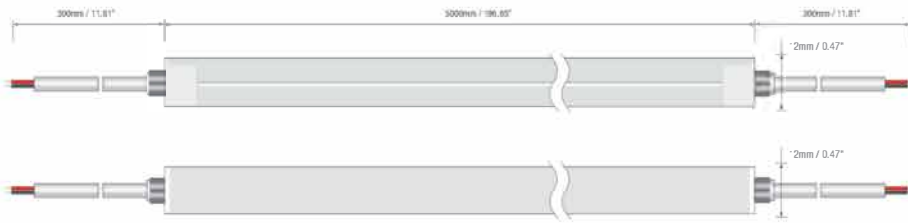


## LEDLINE ASTON 1212 WHT



-LEDLINE ASTON 1212 WHT, DC24V. Cross section size 12mm x 12mm / 0.47" x 0.47" (W x H), which is vertical bending with radius of 120mm / 4.72".  
-IP67 protected, UV resistant, chemical resistant and DIY connectors for indoor & outdoor solutions. Very easy to cut & reconnect on site.  
-2-Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.

## DIMENSION



### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)	
LED PIN Temperature	Max. 65°C /149°F	
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>	
Ambient Temperature	Ta <sub>min</sub> =-25°C /-13°F, Ta <sub>max</sub> (Table below)	
CRI	Ra93	

LEDLINE ASTON 1212 WHT	Low output	STD output
Power(W/m W/ft)	5/1.5	10/3.1
Efficacy(lm/W) @4000K	56.2	62.7
Max. Ambient tempt.(Ta <sub>max</sub> )	50°C /122°F	45°C /113°F

(Lm/m)

CCT	2700K	3000K	3500K	4000K	5500K	Max. Run Length	Unit Cut	DIY Endcap Max. Run length
Power								
5W/M	264	281	284	281	281	19M	50mm	16.8M
*10W/M	630	646	677	627	644	13M	50mm	8.4M

Note:

- The max. run length of using Integrated Endcap and DIY Endcap is different. Please refer to the above table.
- When ambient temperature reaches 55°C, the power is suggested to be 5W/M.
- Max.run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerance of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.

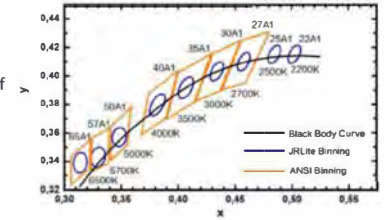


## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
ASTON 1212 WHT	27=2700K	10000=10M/393.7'	005=5W	F=FRONT
	30=3000K		010=10W	S=SIDE
	35=3500K			B=BOTTOM
	40=4000K			
	55=5500K			

Example:  
ASTON 1212 WHT-30-10000-010-F:  
LEDLINE ASTON 1212 WHT, 3000K,  
10M/reel, 10W/M, Front cable entry.

- 1.Max production length 30meters per reel, and the standard packaging is 10meters per reel.
- 2.Standard cable length is 30cm, if you need cable longer than 30cm, please mention us the required cable length.
- 3.Patented easy endcap achieves mechanical IP67 waterproof without any glue.
- 4.It is IK08 rated.



## VARIOUS CONNECTIONS



Front Cable Entry  
DIY connector optional

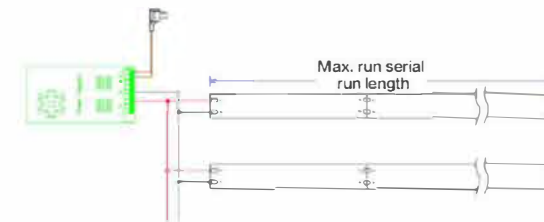


Side Cable Entry  
The cable could be perfectly hidden to achieve seamless light connection.  
DIY connector optional



Bottom Cable Entry  
The cable could be perfectly hidden to achieve seamless light connection.  
DIY connector optional

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

5W/M - 19M Max. Single Run Length;  
10W/M - 13M Max. Single Run Length;  
The strip is 10m/reel at standard

-Please contact us if >150W power supply is needed.

## ACCESSORIES



Aluminium Profile  
Order Code: AC017-AP  
Dimension: 1000x17.2x14mm/  
39.37"x0.68"x0.55" (LxWxH)  
Material: aluminium  
Color: silver



End Cap 2PIN  
Order Code: AD010-2-F  
Dimension: 26.5x17x16mm/  
1.04"x0.67"x0.63" (LxWxH)  
Color: transparent  
Cable Entry: front



Mounting Clips  
Order Code: AC018-SET  
Dimension: 20x12.8x10.9mm/  
0.79"x0.50"x0.43" (LxWxH)  
Material: stainless steel  
Color: silver  
Each meter led strips needs 4  
clips + 4 screws



End Cap 2PIN  
Order Code: AD010-2-S  
Dimension: 26.5x17x16mm/  
1.04"x0.67"x0.63" (LxWxH)  
Color: transparent  
Cable Entry: side



IP67 Connector 2PIN  
Order Code: AD007-2  
Wire Gauge: 0.519mm<sup>2</sup>/20AWG  
Protection: IP67 (Mated)  
Mechanical Operation: >500  
mating cycles



End Cap 2PIN  
Order Code: AD010-2-B  
Dimension: 26.5x17x16mm/  
1.04"x0.67"x0.63" (LxWxH)  
Color: transparent  
Cable Entry: bottom



IP67 Connector 2PIN  
Order Code: AD007-2  
Wire Gauge: 0.519mm<sup>2</sup>/20AWG  
Protection: IP67 (Mated)  
Mechanical Operation: >500  
mating cycles



Closed End Cap  
Order Code: AD011  
Dimension: 26.5x17x16mm/  
1.04"x0.67"x0.63" (LxWxH)  
Material: stainless steel  
Color: silver



LEDLINE ASTON Scissor  
Order Code: AF001-1

## DRIVER



Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification  
Indoor use only.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

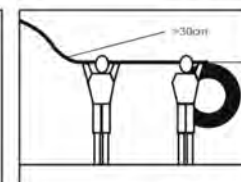
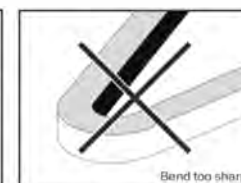
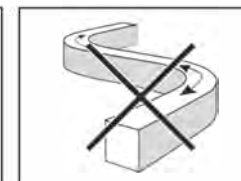


## APPLICATION

- Facade lighting, contour lighting and landscape lighting.
- Solutions for retail shop.
- Signage and illuminated advertising.
- Ideal for architectural lighting, coves, object integration.

## ADDITIONAL INFO.

- Please light up for a quick check before installation.
- Bending diameter of LEDLINE ASTON 1212 WHT is 240mm, do not bend to side direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- Warranty: All LED light are warranted to be free from defects in product itself for 5 years from the date of purchase.  
This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.

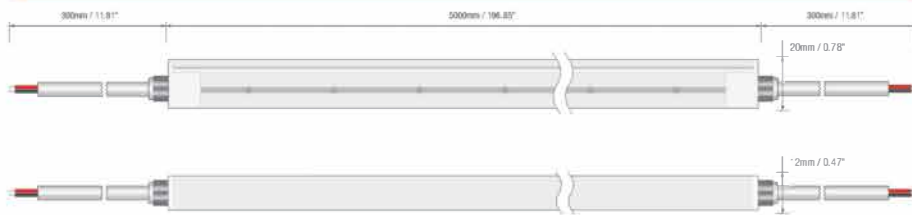


## LEDLINE ASTON 1212 IQ



-LEDLINE ASTON 1212 IQ, DC24V. Cross section size 12mm x 12mm / 0.47" x 0.47" (W x H), which is vertical bending with radius of 120mm / 4.72".  
-IP67 protected, UV resistant, chemical resistant and DIY connectors for indoor & outdoor solutions. Very easy to cut & reconnect on site.  
-3-Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.

## DIMENSION



### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C / 149°F
Storage Temperature	-25°C / -13°F <sub>min</sub> , 60°C / 140°F <sub>max</sub>
Ambient Temperature	T <sub>a min</sub> = -25°C / -13°F; T <sub>a max</sub> = 45°C / 113°F @ 10W T <sub>a max</sub> = 45°C / 113°F @ 5W (Single Color)
CRI	Ra80
Power(W/m W/ft)	10/3.1
Efficacy(lm/W) @5700K	73



CCT	LM/Mtr	Max. Watt	Max. Run Length	Unit Cut	DIY Endcap Max. Run length
2700K	356	5W/M	5M	50mm	5M
5500K	365	5W/M	5M	50mm	5M
2700K+5500K	708	10W/M	5M	50mm	5M

### Note:

- The max. run length of using Integrated Endcap and DIY Endcap is different. Please refer to the above table.
- Max.run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerance of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.

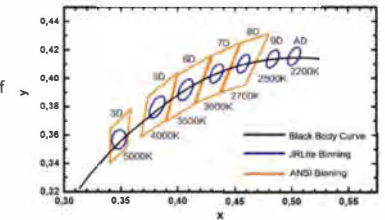


## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
ASTON 1212 IQ	2755=2700K+5500K	10000=10M/393.7'	010=10W	F=FRONT S=SIDE B=BOTTOM

Example:  
ASTON 1212 IQ-2755-10000-010-F:  
LEDLINE ASTON 1212 Tunable White  
2700K+5500K, 10M/reel, 10W/M,  
Front cable entry.

- 1.Max production length 30meters per reel, and the standard packaging is 10meters per reel.
- 2.Standard cable length is 30cm, if you need cable longer than 30cm, please mention us the required cable length.
- 3.Patented easy endcap achieves mechanical IP67 waterproof without any glue.
- 4.It is IK08 rated.



## VARIOUS CONNECTIONS



**Integrated Front Cable Entry**  
The integrated end cap provides good light effect at the end of strips.  
DIY connector optional

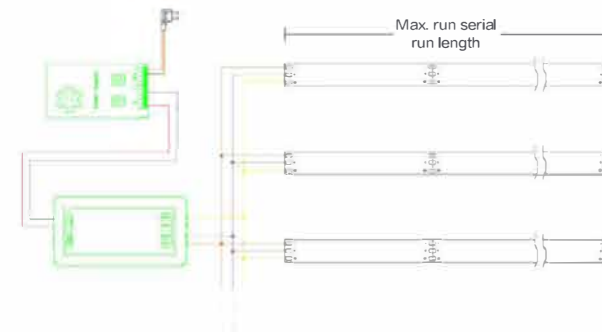


**Side Cable Entry**  
The cable could be perfectly hidden to achieve seamless light connection.  
DIY connector optional



**Bottom Cable Entry**  
The integrated end cap provides good light effect at the end of strips.  
DIY connector optional

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

10W/M -5M Max. Single Run Length;  
The strip is 10m/reel at standard

-Please contact us if >150W power supply is needed.



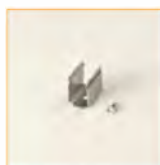
## ACCESSORIES



Aluminium Profile  
Order Code: AC017-AP  
Dimension: 1000x17.2x14mm/  
39.37"x0.68"x0.55"(LxWxH)  
Material: aluminium  
Color: silver



End Cap 3PIN  
Order Code: AD010-3-F  
Dimension: 26.5x17x16mm/  
1.04"x0.67"x0.63"(LxWxH)  
Color: transparent  
Cable Entry: front



Mounting Clips  
Order Code: AC018-SET  
Dimension: 20x12.8x10.9mm/  
0.79"x0.50"x0.43"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter led strips needs  
4 clips + 4 screws



End Cap 3PIN  
Order Code: AD010-3-S  
Dimension: 26.5x17x16mm/  
1.04"x0.67"x0.63"(LxWxH)  
Color: transparent  
Cable Entry: side



IP67 Connector 3PIN  
Order Code: AD007-3  
Wire Gauge: 0.519mm<sup>2</sup>/20AWG  
Protection: IP67 (Mated)  
Mechanical Operation: >500  
mating cycles



End Cap 3PIN  
Order Code: AD010-3-B  
Dimension: 26.5x17x16mm/  
1.04"x0.67"x0.63"(LxWxH)  
Color: transparent  
Cable Entry: bottom



IP67 Connector 3PIN  
Order Code: AD007-3  
Wire Gauge: 0.519mm<sup>2</sup>/20AWG  
Protection: IP67 (Mated)  
Mechanical Operation: >500  
mating cycles



Closed End Cap  
Order Code: AD011  
Dimension: 26.5x17x16mm/  
1.04"x0.67"x0.63"(LxWxH)  
Material: stainless steel  
Color: silver



LEDLINE ASTON Scissor  
Order Code: AF001-1

## CONTROLLER & DRIVER



Order code: M2+M3-3A  
RF Controller 144W  
DC24V, 3A\*2Channel, Max 6A  
IP20, Support remote control.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.

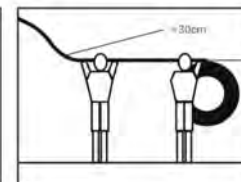
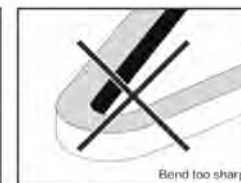
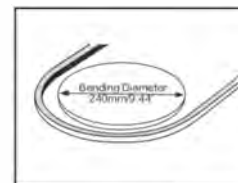
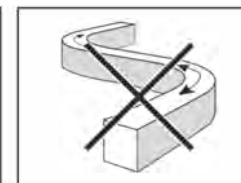
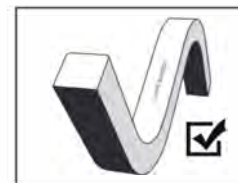


## APPLICATION

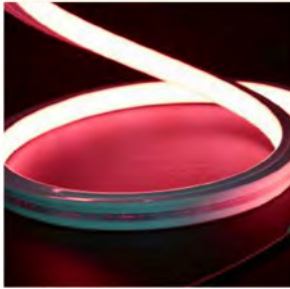
- Hotel, restaurant, handrails lighting.
- Shop, residential, offices lighting.
- Organic shaped luminaires.
- Ideal for architectural lighting, object integration and signage.

## ADDITIONAL INFO.

- Please light up for a quick check before installation.
- Bending diameter of LEDLINE ASTON 1212 IQ is 240mm, do not bend to side direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- Warranty: All LED light are warranted to be free from defects in product itself for 5 years from the date of purchase.  
This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.

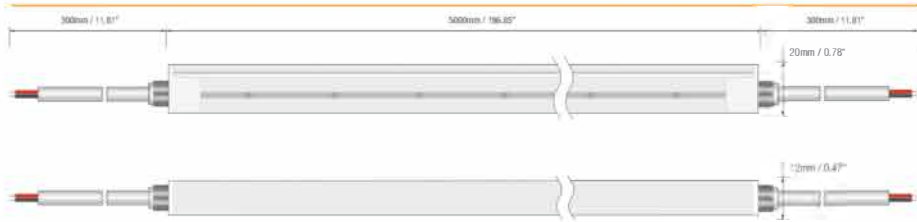


## LEDLINE ASTON 1212 RGB



-LEDLINE ASTON 1212 RGB, DC24V. Cross section size 12mm x 12mm / 0.47" x 0.47" (W x H), which is vertical bending with radius of 120mm / 4.72".  
-IP67 protected, UV resistant, chemical resistant and DIY connectors for indoor & outdoor solutions. Very easy to cut & reconnect on site.  
-ONE BIN only and dot free lighting guarantee the most excellent performance over the rated lifetime.

## DIMENSION



### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	T <sub>a min</sub> =-25°C /-13°F, T <sub>a max</sub> =45°C /113°F
Power(W/m W/ft)	10/3.1
Efficacy(lm/W)	24.2

CCT	LM/Mtr	Max. Watt	Max. Run Length	Unit Cut	DIY Endcap Max. Run length
R	54	3.3W/M	5M	62.5mm	5M
G	160	3.3W/M	5M	62.5mm	5M
B	32	3.3W/M	5M	62.5mm	5M
RGB	242	10W/M	5M	62.5mm	5M

### Note:

- The max. run length of using Integrated Endcap and DIY Endcap is different. Please refer to the above table.
- Max.run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerance of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
ASTON 1212 RGB	RGB	10000=10M/393.7'	010=10W	F=FRONT S=SIDE B=BOTTOM

Example:  
ASTON 1212 RGB-10000-010-F:  
LEDLINE ASTON 1212 RGB, 10M/reel,  
10W/M, Front cable entry.

- 1.Max production length 30meters per reel, and the standard packaging is 10meters per reel.
- 2.Standard cable length is 30cm, if you need cable longer than 30cm, please mention us the required cable length.
- 3.Patented easy endcap achieves mechanical IP67 waterproof without any glue.
- 4.It is IK08 rated.

## VARIOUS CONNECTIONS



**Integrated Front Cable Entry**  
The integrated end cap provides good light effect at the end of strips.  
DIY connector optional

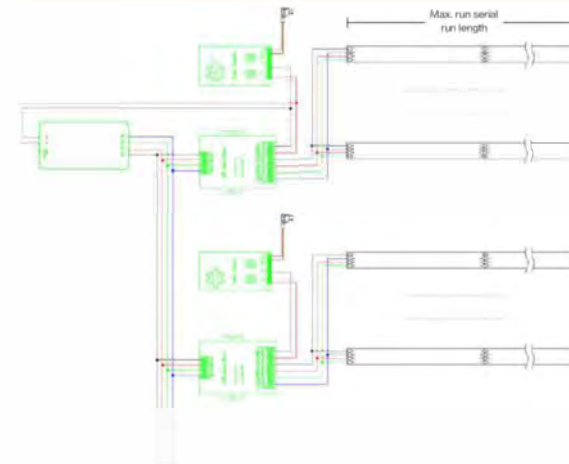


**Side Cable Entry**  
The cable could be perfectly hidden to achieve seamless light connection.



**Bottom Cable Entry**  
The cable could be perfectly hidden to achieve seamless light connection.

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

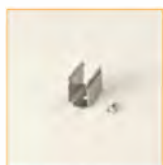
10W/M - 5M Max. Single Run Length;  
The strip is 10m/reel at standard.

-Please contact us if >150W power supply is needed.

## ACCESSORIES



Aluminium Profile  
Order Code: AC017-AP  
Dimension: 1000x17.2x14mm/  
39.37"x0.68"x0.55"(LxWxH)  
Material: aluminium  
Color: silver



Mounting Clips  
Order Code: AC018-SET  
Dimension: 20x12.8x10.9mm/  
0.79"x0.50"x0.43"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter led strips needs  
4 clips + 4 screws



IP67 Connector 4PIN  
Order Code: AD007-4  
Wire Gauge: 0.519mm<sup>2</sup>/20AWG  
Protection: IP67 (Mated)  
Mechanical Operation: >500  
mating cycles



IP67 Connector 4PIN  
Order Code: AD007-4  
Wire Gauge: 0.519mm<sup>2</sup>/20AWG  
Protection: IP67 (Mated)  
Mechanical Operation: >500  
mating cycles



LEDLINE ASTON Scissor  
Order Code: AF001-1



End Cap 4PIN  
Order Code: AD010-4-F  
Dimension: 26.5x17x16mm/  
1.04"x0.67"x0.63"(LxWxH)  
Color: transparent  
Cable Entry: front



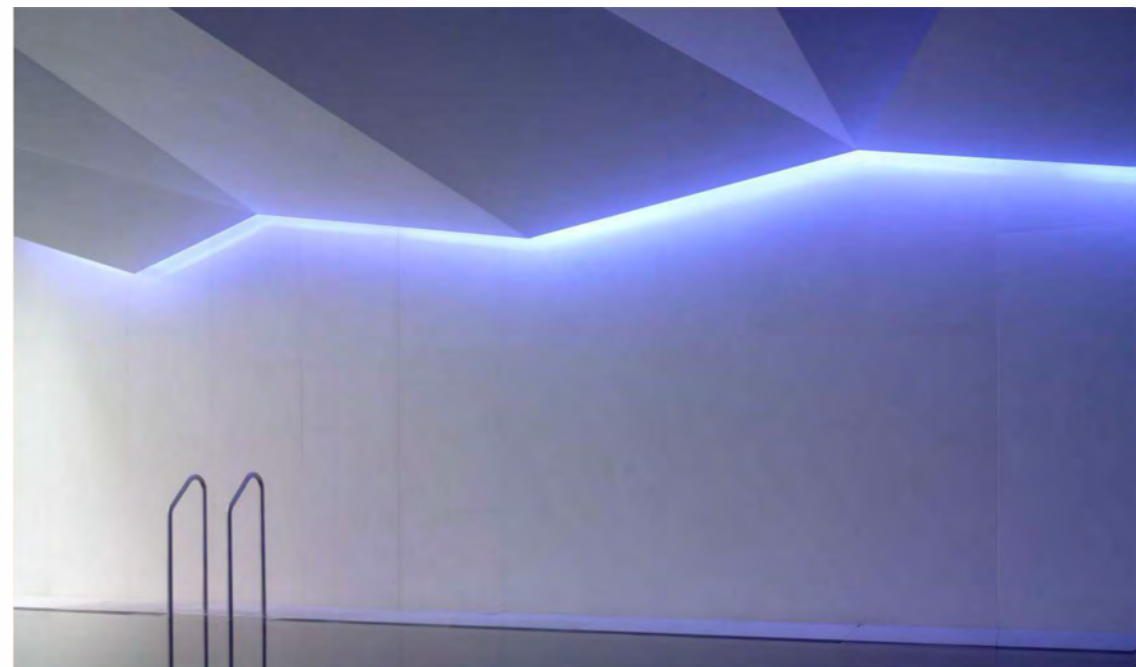
End Cap 4PIN  
Order Code: AD010-4-S  
Dimension: 26.5x17x16mm/  
1.04"x0.67"x0.63"(LxWxH)  
Color: transparent  
Cable Entry: side



End Cap 4PIN  
Order Code: AD010-4-B  
Dimension: 26.5x17x16mm/  
1.04"x0.67"x0.63"(LxWxH)  
Color: transparent  
Cable Entry: bottom



Closed End Cap  
Order Code: AD011  
Dimension: 26.5x17x16mm/  
1.04"x0.67"x0.63"(LxWxH)  
Material: stainless steel  
Color: silver



## APPLICATION

- Suitable for bar, ceiling and wall lighting application.
- Ideal for color dynamic application with excellent color rendition and high power levels.

## CONTROLLER & DRIVER



Order code: M6+M3-3A  
RF Controller 216W  
DC24V, 3A\*3Channel, Max 9A  
IP20, Support remote control.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



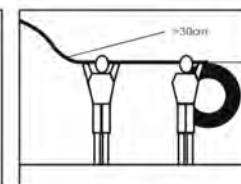
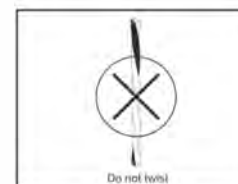
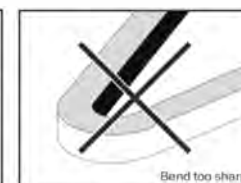
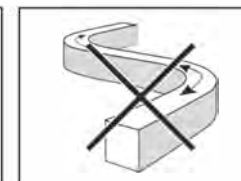
Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

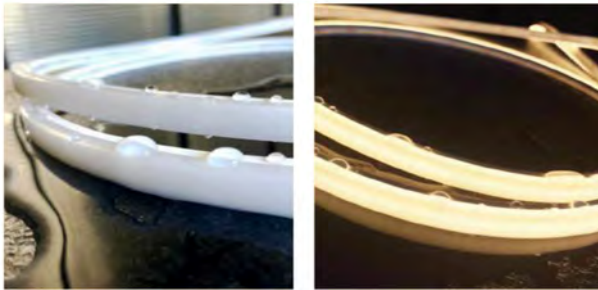
## ADDITIONAL INFO.

- Please light up for a quick check before installation.
- Bending diameter of LEDLINE ASTON 1212 RGB is 240mm, do not bend to side direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- Warranty: All LED light are warranted to be free from defects in product itself for 3 years from the date of purchase.  
This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.



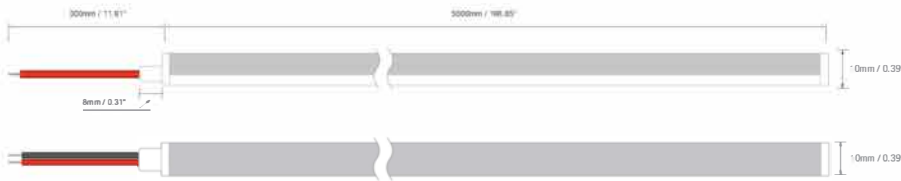


## LEDLINE ASTON 1010 WHT



-LEDLINE ASTON 1010 WHT, DC24V. Cross section size 10mm x 10mm / 0.39" x 0.39" (W x H), which is vertical bending with radius of 100mm / 3.93".  
-IP44/IP67 rating protected optional, UV resistant, chemical resistant for indoor & outdoor solutions.  
-2-Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.

## DIMENSION



### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 65°C /149°F <sub>max</sub>
Ambient Temperature	T <sub>a min</sub> = -25°C /-13°F, T <sub>a max</sub> (Table below)
CRI	Ra94

LEDLINE ASTON 1010 WHT	STD output
Power(W/m W/ft)	10/3.1
Efficacy(lm/W) @4000K	77.7
Max. Ambient temp.(T <sub>a max</sub> )	55°C /131°F

(Lm/m)

CCT	2700K	3000K	3500K	4000K	5000K	Max. Run Length	Unit Cut
Power	702	772	759	777	792	5M	35.7mm
10W/M							

Note:

- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.

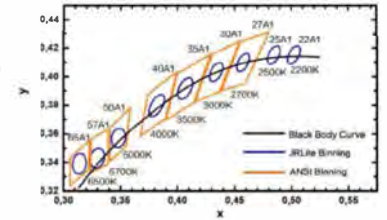


## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
ASTON 1010 WHT	27=2700K	05000=5M/196.85'	010=10W	F=FRONT
	30=3000K			
	35=3500K			
	40=4000K			
	60=6000K			

Example:  
ASTON 1010 WHT-30-01500-010-F  
LEDLINE ASTON 1010 WHT, 3000K, 1.5M/reel, 10W/M, Front cable entry.

- 1.Max production length 30meters per reel, and the standard packaging is 5meters per reel.
- 2.Standard cable way for IP44 version is only with 30cm B/R cables, Standard cable way for IP67 version can be with 30cm open cables or 30cm Male/Female JST connectors(AD006-2) optional.



## CONNECTION

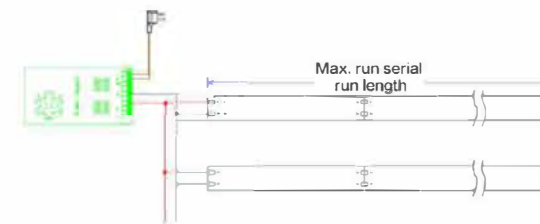


**IP44 Front Cable Entry**  
IP44 intergrated end cap provides good light effect at the end of strip. IP67 external end cap is available.



**IP67 Side Cable Entry**  
Semi-transparent silicone end cap provides good light effect at the end of strip.

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

10W/M - 5M Max. Single Run Length;  
The strip is 5m/reel at standard.

-Please contact us if >150W power supply is needed.

## ACCESSORIES



Aluminium Profile  
Order Code: AC023-AP  
Dimension: 1000x13x12.4mm/  
39.37"x0.51"x0.49" (LxWxH)  
Material: aluminium  
Color: silver



End Cap 2PIN  
(Only for IP67 Version)  
Order Code: AD025-2-F  
Dimension: 12x12x11mm/0.47"  
x0.47"x0.43" (WxH)  
Color: transparent  
Cable Entry: front



PC Profile  
Order Code: AC023-PC  
Dimension: 1000x14.3x12mm/  
39.37"x0.56"x0.47" (LxWxH)  
Material: polycarbonate  
Color: transparent



Closed End Cap  
(Only for IP67 Version)  
Order Code: AD025  
Dimension: 12x12x11mm/0.47"x  
0.47"x0.43" (WxH)  
Material: silicone  
Color: transparent



Mounting Clips  
Order Code: AC025-SET  
Dimension: 11.6x8x7.6mm/  
0.46"x0.31"x0.3" (LxWxH)  
Material: stainless steel  
Color: silver  
Each meter led strips needs  
4 clips + 4 screws



IP67 Connector 2Pin  
(Only for IP67 Version)  
Order code: AD006-2  
Wire gauge: 0.33mm<sup>2</sup>/22AWG  
Protection: IP67 (Mated)



LEDLINE ASTON Scissor  
Order Code: AF001-1

## DRIVER



Order code: LRS-150-24  
85-132VAC/170-264VAC  
by switch DC24V 150W  
IP20, global certification  
Indoor use only.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

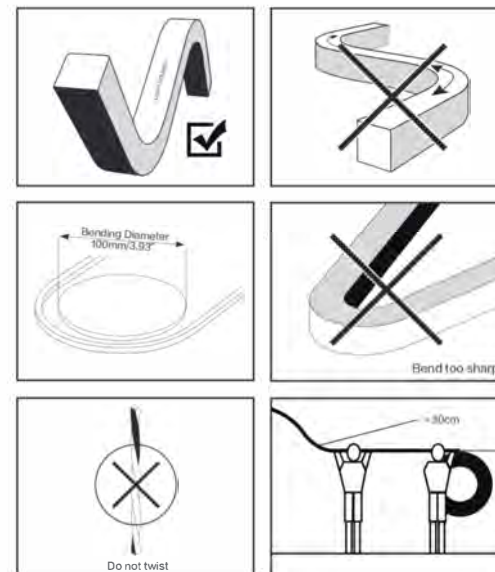


## APPLICATION

- ▶ 3 Side emitting, better lighting performance & higher brightness, suitable for commercial lighting, general lighting, detail lighting required exquisite designs.
- ▶ Ideal for KBB lighting, retail shop lighting, cabinet lighting
- ▶ Grand hotel, apartment, lobby hall.
- ▶ Fits for shopping mall, flagship store, restaurant.

## ADDITIONAL INFO.

- ▶ Please light it up for a quick check before installation.
- ▶ Bending diameter of LEDLINE ASTON 1010 WHT is 100mm, do not bend to side direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- ▶ During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- ▶ Warranty: All LED light are warranted to be free from defects in product itself for 5 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.

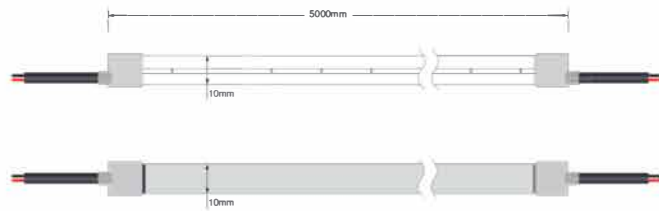


## LEDLINE ASTON 1010 SIDE



-LEDLINE ASTON 1010 SIDE BEND, DC24V. Cross section size 10mmx10mm / 0.39"x0.39" (WxH), which is horizontal bending with radius of 100mm/3.93". IP67 rating protected optional, UV resistant, chemical resistant for indoor & outdoor solutions. -2-Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.

## DIMENSION



### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 65°C /149°F <sub>max</sub>
Ambient Temperature	T <sub>a min</sub> =-25°C /-13°F, T <sub>a max</sub> (Table below)
CRI	Ra90

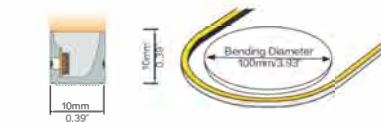
LEDLINE ASTON 1010 WHT	STD output
Power(W/m W/ft)	10/3.1
Efficacy(lm/W) @4000K	66
Max. Ambient temp.(T <sub>a max</sub> )	55°C /131°F

(Lm/m)

CCT	2700K	3000K	3500K	4000K	6000K	Max. Run Length	Unit Cut
Power							
5W/M	298	322	306	340	356	5M	35.7mm
10W/M	571	623	593	660	690	5M	35.7mm

Note:

- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.

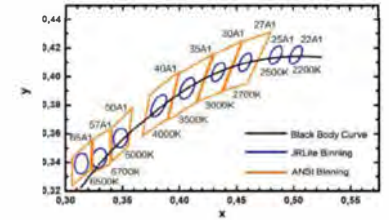


## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
ASTON 1010 SIDE	27=2700K	05000=5M/196.85'	010=10W	F=FRONT
	30=3000K			
	35=3500K			
	40=4000K			
	60=6000K			

Example:  
ASTON 1010 SIDE-30-01500-010-F  
LEDLINE ASTON 1010 SIDE, 3000K,  
1.5M/reel, 10W/M, Front cable entry.

- 1.Max production length 30meters per reel, and the standard packaging is 5meters per reel.
- 2.Standard cable way for IP67 version can be with 30cm open cables or 30cm Male/Female JST connectors (AD006-2) optional.



## CONNECTION

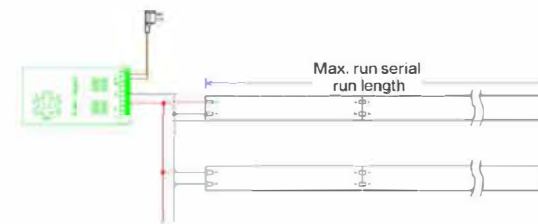


IP44 Front Cable Entry  
IP44 intergrated end cap provides good light effect at the end of strip. IP67 external end cap is available.



IP67 Side Cable Entry  
Semi-transparent silicone end cap provides good light effect at the end of strip.

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

10W/M - 5M Max. Single Run Length;  
The strip is 5m/reel at standard.

-Please contact us if >150W power supply is needed.



## ACCESSORIES



Aluminium Profile  
Order Code: AC023-AP  
Dimension: 1000x13x12.4mm/  
39.37"x0.51"x0.49"(LxWxH)  
Material: aluminium  
Color: silver



End Cap 2PIN  
(Only for IP67 Version)  
Order Code: AD025-2-F  
Dimension: 12x12x11mm/0.47"  
x0.47"x0.43"(WxH)  
Color: transparent  
Cable Entry: front



PC Profile  
Order Code: AC023-PC  
Dimension: 1000x14.3x12mm/  
39.37"x0.56"x0.47"(LxWxH)  
Material: polycarbonate  
Color: transparent



Closed End Cap  
(Only for IP67 Version)  
Order Code: AD025  
Dimension: 12x12x11mm/0.47"x  
0.47"x0.43"(WxH)  
Material: silicone  
Color: transparent



Mounting Clips  
Order Code: AC025-SET  
Dimension: 11.6x8x7.6mm/  
0.46"x0.31"x0.3"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter led strip needs  
4 clips + 4 screws



IP67 Connector 2Pin  
(Only for IP67 Version)  
Order code: AD006-2  
Wire gauge: 0.33mm<sup>2</sup>/22AWG  
Protection: IP67 (Mated)



LEDLINE ASTON Scissor  
Order Code: AF001-1

## DRIVER



Order code: LRS-150-24  
85-132VAC/170-264VAC  
by switch DC24V 150W  
IP20, global certification  
Indoor use only.



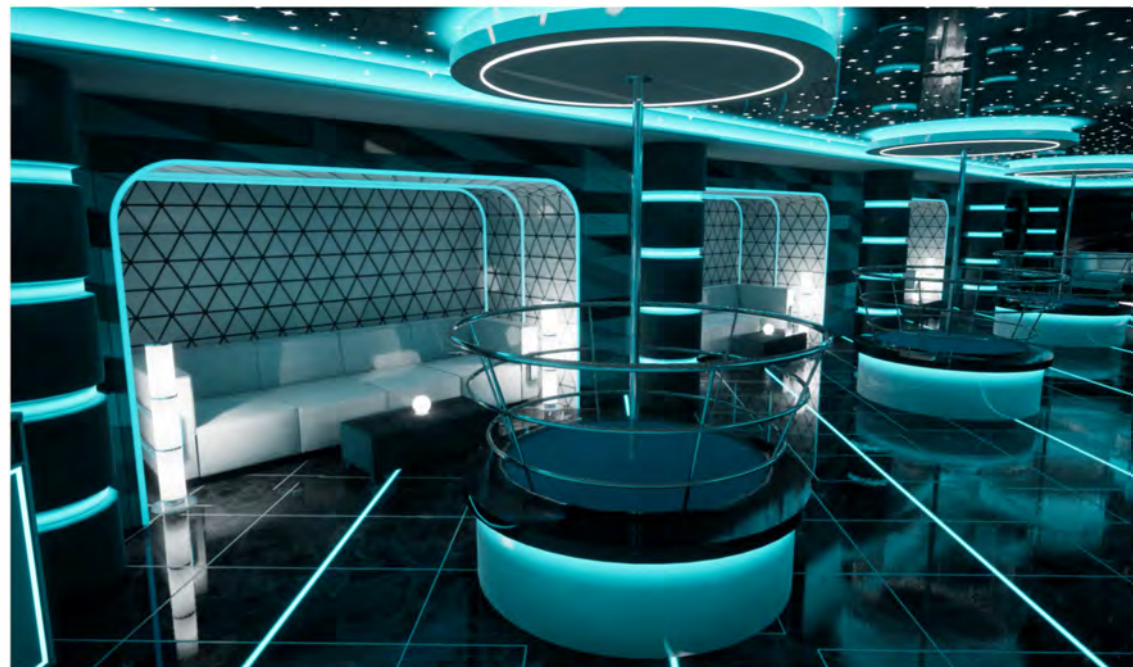
Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

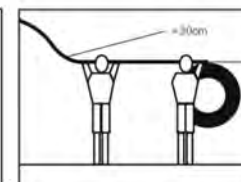
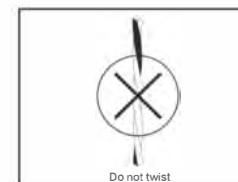
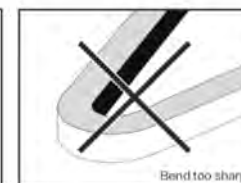
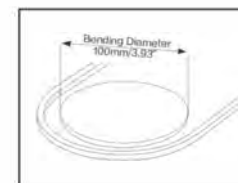
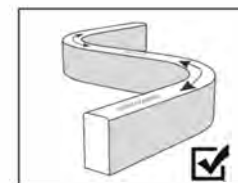


## APPLICATION

- Side bending, better lighting performance & higher brightness, suitable for commercial lighting, general lighting, detail lighting required exquisite designs.
- Ideal for KBB lighting, retail shop lighting, cabinet lighting.
- Grand hotel, apartment, lobby hall.
- Fits for shopping mall, flagship store, restaurant.

## ADDITIONAL INFO.

- Please light it up for a quick check before installation.
- Bending diameter of LEDLINE ASTON 1010 SIDE is 100mm, do not bend to top direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- Warranty: All LED light are warranted to be free from defects in product itself for 5 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.

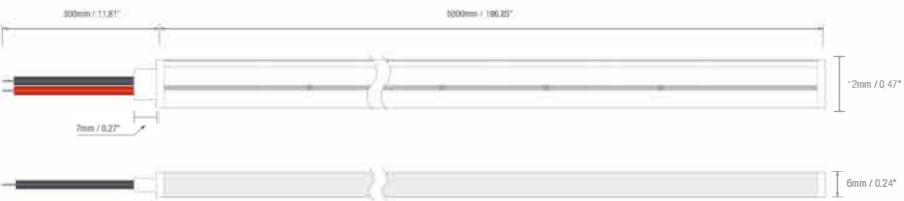


LEDLINE ASTON 0612 WHT



-LEDLINE ASTON 0612 WHT, DC24V. Cross section size 6mm x 12mm / 0.24" x 0.47" (W x H), which is horizontal bending with radius of 60mm / 2.36".  
-IP44&IP67 protected are optional, UV resistant, chemical resistant and DIY connectors for indoor & outdoor solutions. Very easy to cut & reconnect on site.  
-2-Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.

DIMENSION



Electrical data	
Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	Ta <sub>min</sub> =-25°C /-13°F, Ta <sub>max</sub> =45°C /113°F
CRI	Ra94

LEDLINE ASTON 0612 WHT	STD output
Power(W/m W/ft)	10/3.1
Efficacy(lm/W) @4000K	41.3

(Lm/m)						
CCT	2700K	3000K	3500K	4000K	5500K	Max. Run Length
Power						Unit Cut
10W/M	400	435	438	413	416	13M
						50mm

Note:  
-Max. run length refers to single side feed in serial connection.  
-The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.  
-The given color temperature is the temperature of finished product.

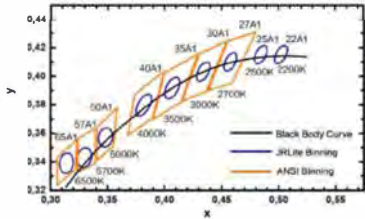


ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
ASTON 0612 WHT	27=2700K	10000=10M/393.7'	010=10W	F=FRONT
	30=3000K			S=SIDE
	35=3500K			B=BOTTOM
	40=4000K			
	55=5500K			

Example:  
ASTON 0612 WHT-27-10000-010-S:  
LEDLINE ASTON 0612 WHT,2700K,  
10M/reel, 10W/M, Side cable entry.

- 1.Max production length 30meters per reel, and the standard packaging is 10meters per reel.
- 2.Standard cable length is 30cm, if you need cable longer than 30cm, please mention us the required cable length.
- 3.Patented easy endcap achieves mechanical IP67 waterproof without any glue.
- 4.It is no IK-Rated, please don't walk on it without protection.



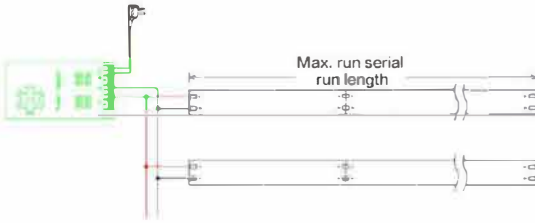
VARIOUS CONNECTIONS

IP44 Front Cable Entry  
IP44 integrated end cap provides good light effect at the end of strip. IP67 external end cap is available.

IP67 Side Cable Entry  
Semi-transparent silicone end cap provides good light effect at the end of strip.

IP67 Bottom Cable Entry  
Semi-transparent silicone end cap provides good light effect at the end of strip.

WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:  
10W/M - 13M Max. Single Run Length;  
The strip is 10m/reel at standard  
-Please contact us if >150W power supply is needed.



## ACCESSORIES



Aluminium Profile  
Order Code: AC019-AP  
Dimension: 1000x8x13mm/39.37"x0.31"x0.51"(LxWxH)  
Material: aluminium  
Color: silver



End Cap 2PIN  
Order Code: AD016-2-F  
Dimension: 8.5x14.5mm/0.33"x0.57"(WxH)  
Color: transparent  
Cable Entry: front



Mounting Clips  
Order Code: AC020-SET  
Dimension: 15x7.2x12.8mm/  
0.59"x0.28"x0.50"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter led strips needs  
4 clips + 4 screws



End Cap 2PIN  
Order Code: AD016-2-S  
Dimension: 8.5x14.5mm/0.33"x0.57"(WxH)  
Color: transparent  
Cable Entry: side



LEDLINE ASTON Scissor  
Order Code: AF001-1



End Cap 2PIN  
Order Code: AD016-2-B  
Dimension: 8.5x14.5mm/0.33"x0.57"(WxH)  
Color: transparent  
Cable Entry: bottom



Closed End Cap  
Order Code: AD017  
Dimension: 8.5x14.5mm/0.33"x0.57"(WxH)  
Material: silicone  
Color: transparent

## DRIVER



Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification  
Indoor use only.



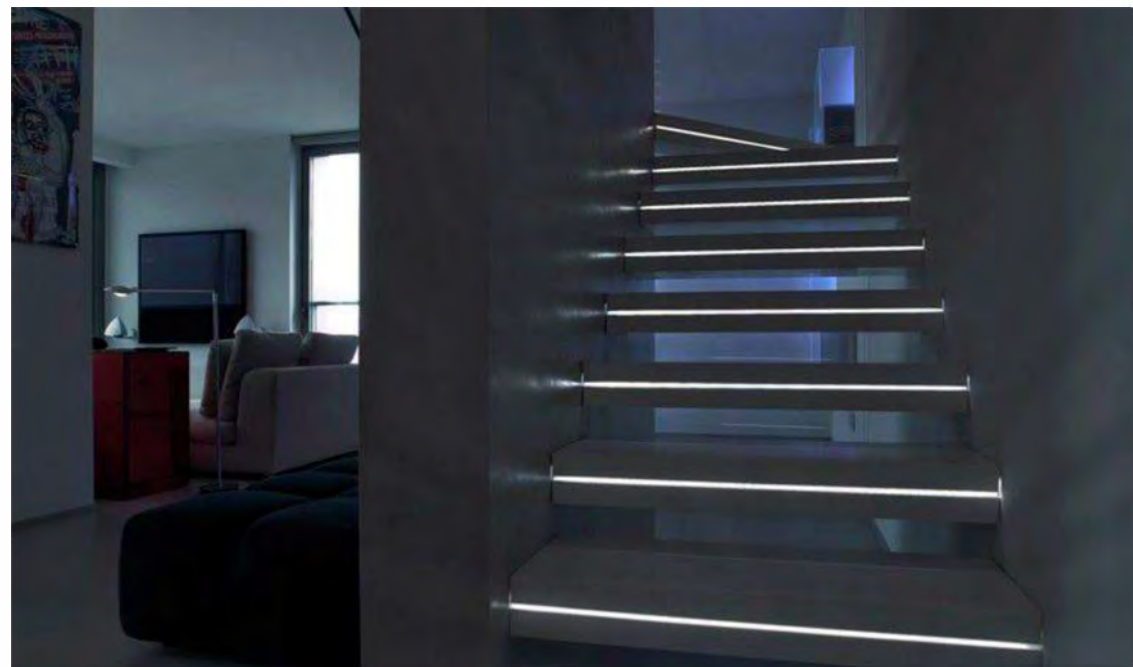
Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

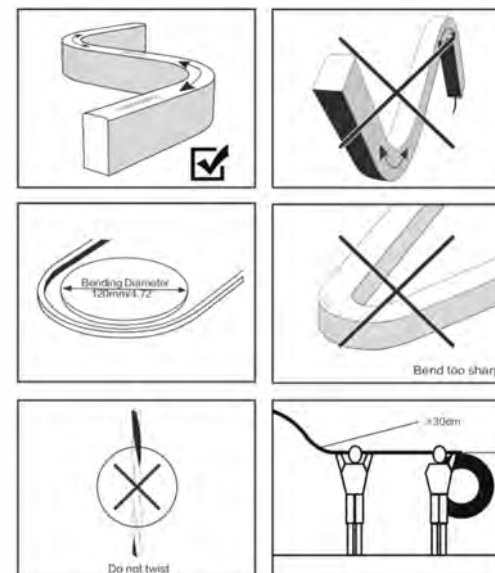


## APPLICATION

- Facade lighting, contour lighting and landscape lighting.
- Solutions for retail shop.
- Signage and illuminated advertising.
- Ideal for architectural lighting, coves, object integration.

## ADDITIONAL INFO.

- Please light up for a quick check before installation.
- Bending diameter of LEDLINE ASTON 0612 WHT is 120mm, do not bend to upward or downward direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- Warranty: All LED light are warranted to be free from defects in product itself for 5 years from the date of purchase.  
This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.





## LEDLINE ASTON 0612 IQ



-LEDLINE ASTON 0612 IQ, DC24V. Cross section size 6mm x 12mm / 0.24" x 0.47" (W x H), which is horizontal bending with radius of 60mm / 2.36".  
 -IP67 protected, UV resistant, chemical resistant for indoor & outdoor solutions. Very easy to cut & reconnect on site.  
 -3-Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.

## DIMENSION



### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	T <sub>a min</sub> =-25°C /-13°F, T <sub>a max</sub> =45°C /113°F
CRI	Ra80
Power(W/m W /ft)	10/3.1
Efficacy(lm/W) @5300K	51.2

CCT	LM/Mtr	Max. Watt	Max. Run Length	Unit Cut
2700K	250	5W/M	5M	50mm
5300K	256	5W/M	5M	50mm
2700K+5300K	500	10W/M	5M	50mm

### Note:

-Max. run length refers to single side feed in serial connection.  
 -The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.  
 -The given color temperature is the temperature of finished product.

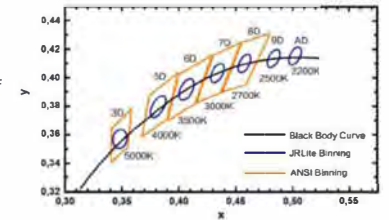


## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
ASTON 0612 IQ	2753=2700K+5300K	10000=10M/393.7"	010=10W	F=FRONT S=SIDE B=BOTTOM

Example:  
 ASTON 0612 IQ-2753-10000-010-S:  
 LEDLINE ASTON 0612 Tunable White  
 2700K+5300K, 10M/reel, 10W/M, Side  
 cable entry.

- 1.Max production length 30meters per reel, and the standard packaging is 10meters per reel.
- 2.Standard cable length is 30cm, if you need cable longer than 30cm, please mention us the required cable length.
- 3.Patented easy endcap achieves mechanical IP67 waterproof without any glue.
- 4.It is no IK-Rated, please don't walk on it without protection.



## VARIOUS CONNECTIONS



**Front Cable Entry**  
 Semi-transparent silicone end cap provides good light effect at the end of strip.

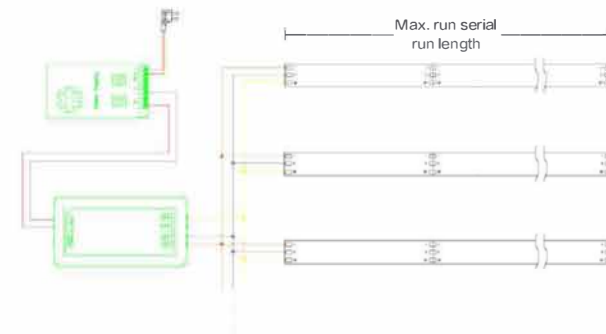


**Side Cable Entry**  
 Semi-transparent silicone end cap provides good light effect at the end of strip.



**Bottom Cable Entry**  
 Semi-transparent silicone end cap provides good light effect at the end of strip.

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

10W/M - 5M Max. Single Run Length;  
 The strip is 10m/reel at standard

-Please contact us if >150W power supply is needed.

## ACCESSORIES



Aluminium Profile  
Order Code: AC019-AP  
Dimension: 1000x8x13mm/39.  
37"x0.31"x0.51"(LxWxH)  
Material: aluminium  
Color: silver



End Cap 3PIN  
Order Code: AD016-3-F  
Dimension:  
8.5x14.5mm/0.33"x0.57"(WxH)  
Color: transparent  
Cable Entry: front



Mounting Clips  
Order Code: AC020-SET  
Dimension: 15x7.2x12.8mm/  
0.59"x0.28"x0.50"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter led strips needs  
4 clips + 4 screws



End Cap 3PIN  
Order Code: AD016-3-S  
Dimension:  
8.5x14.5mm/0.33"x0.57"(WxH)  
Color: transparent  
Cable Entry: side



LEDLINE ASTON Scissor  
Order Code: AF001-1



End Cap 3PIN  
Order Code: AD016-3-B  
Dimension:  
8.5x14.5mm/0.33"x0.57"(WxH)  
Color: transparent  
Cable Entry: bottom



Closed End Cap  
Order Code: AD017  
Dimension:  
8.5x14.5mm/0.33"x0.57"(WxH)  
Material: silicone  
Color: transparent

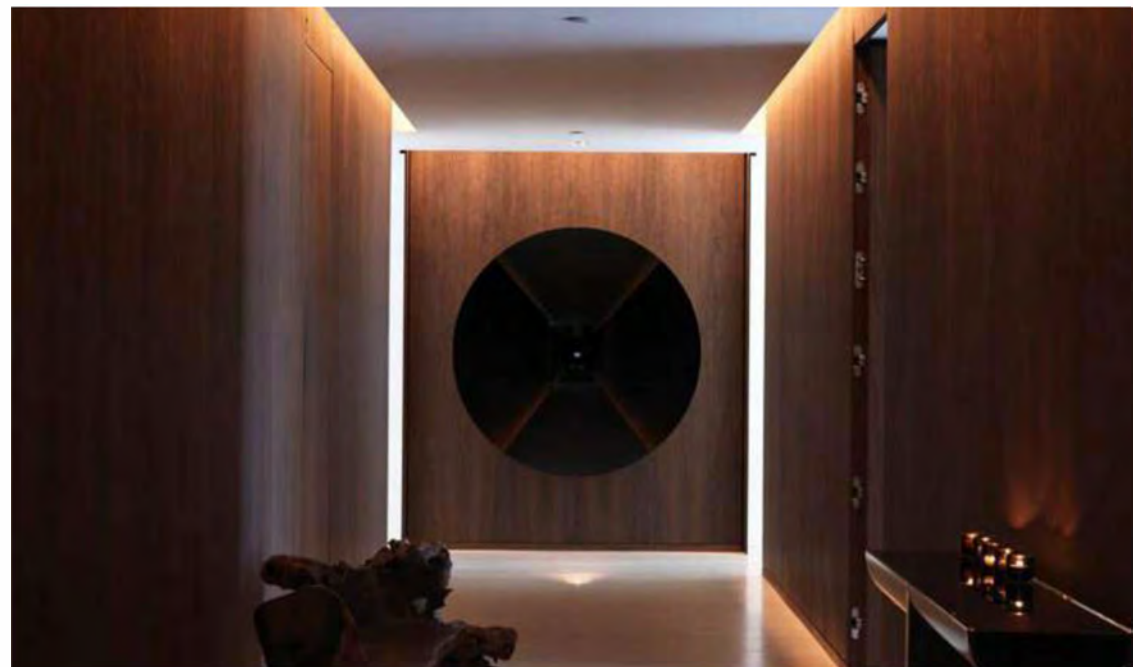
## CONTROLLER & DRIVER



Order code: M2+M3-3A  
RF Controller 144W  
DC24V, 3A\*2Channel, Max 6A  
IP20, Support remote control.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.

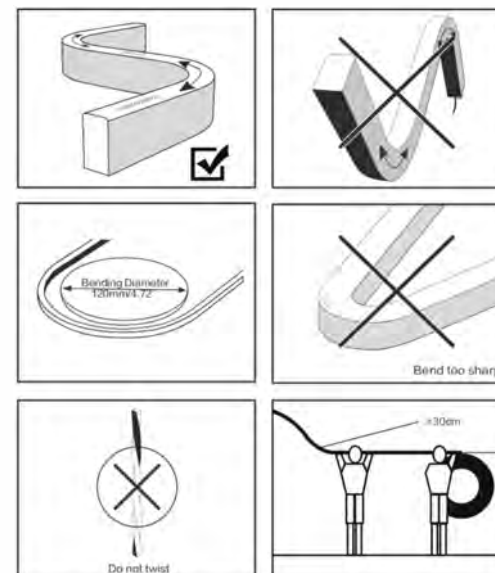


## APPLICATION

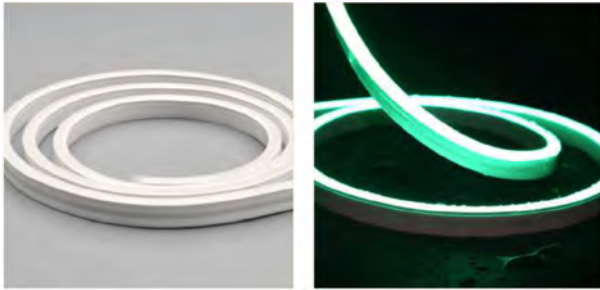
- Hotel, restaurant, handrails lighting.
- Shop, residential, offices lighting.
- Organic shaped luminaires.
- Ideal for architectural lighting, object integration and signage.

## ADDITIONAL INFO.

- Please light it up for a quick check before installation.
- Bending diameter of LEDLINE ASTON 0612 IQ is 120mm, do not bend to upward or downward direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- Warranty: All LED light are warranted to be free from defects in product itself for 5 years from the date of purchase.  
This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.



## LEDLINE ASTON 0612 RGB



-LEDLINE ASTON 0612 RGB, DC24V. Cross section size 6mm x 12mm / 0.24" x 0.47" (W x H), which is horizontal bending with radius of 60mm / 2.36".  
-IP67 protected, UV resistant, chemical resistant and DIY connectors for indoor & outdoor solutions. Very easy to cut & reconnect on site.  
-ONE BIN only and dot free lighting guarantee the most excellent performance over the rated lifetime.

## DIMENSION



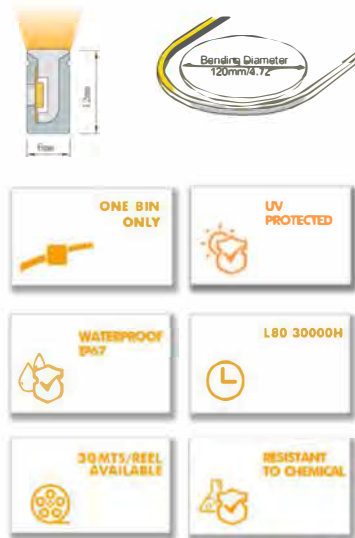
### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	Ta <sub>min</sub> =-25°C /-13°F, Ta <sub>max</sub> =45°C /113°F
Power(W/m W/ft)	10/3.1
Efficacy(lm/W)	14.8

CCT	LM/Mtr	Max. Watt	Max. Run Length	Unit Cut
R	35	3.3W/M	5M	50mm
G	96	3.3W/M	5M	50mm
B	18	3.3W/M	5M	50mm
RGB	148	10W/M	5M	50mm

### Note:

- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
ASTON 0612 RGB	RGB	10000=10M/393.7'	010=10W	F=FRONT S=SIDE B=BOTTOM

Example:  
ASTON 0612 RGB-10000-010-S:  
LEDLINE ASTON 0612 RGB, 10M/  
reel, 10W/M, Side cable entry.

- 1.Max production length 30meters per reel, and the standard packaging is 10meters per reel.
- 2.Standard cable length is 30cm, if you need cable longer than 30cm, please mention us the required cable length.
- 3.Patented easy endcap achieves mechanical IP67 waterproof without any glue.
- 4.It is no IK-Rated, please don't walk on it without protection.

## VARIOUS CONNECTIONS



**Front Cable Entry**  
Semi-transparent silicone end cap provides good light effect at the end of strip.

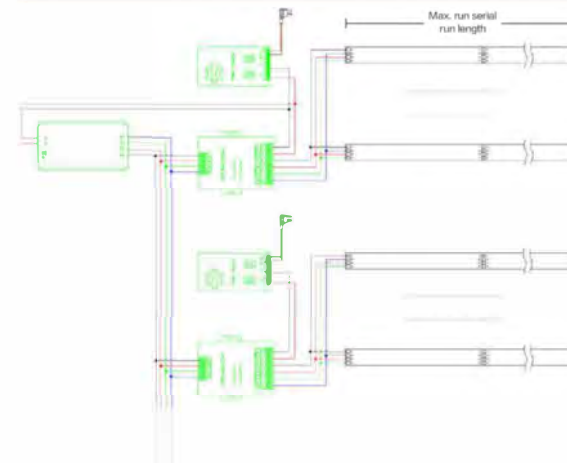


**Side Cable Entry**  
Semi-transparent silicone end cap provides good light effect at the end of strip.



**Bottom Cable Entry**  
Semi-transparent silicone end cap provides good light effect at the end of strip.

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

10W/M - 5M Max. Single Run Length;  
The strip is 10m/reel at standard

-Please contact us if >150W power supply is needed.



## ACCESSORIES



Aluminium Profile  
Order Code: AC019-AP  
Dimension: 1000x8x13mm/39.37"x0.31"x0.51"(LxWxH)  
Material: aluminium  
Color: silver



End Cap 4PIN  
Order Code: AD016-4-F  
Dimension:  
8.5x14.5mm/0.33"x0.57"(WxH)  
Color: transparent  
Cable Entry: front



Mounting Clips  
Order Code: AC020-SET  
Dimension: 15x7.2x12.8mm/  
0.59"x0.28"x0.50"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter led strips needs  
4 clips + 4 screws



End Cap 4PIN  
Order Code: AD016-4-S  
Dimension:  
8.5x14.5mm/0.33"x0.57"(WxH)  
Color: transparent  
Cable Entry: side



LEDLINE ASTON Scissor  
Order Code: AF001-1



End Cap 4PIN  
Order Code: AD016-4-B  
Dimension:  
8.5x14.5mm/0.33"x0.57"(WxH)  
Color: transparent  
Cable Entry: bottom



Closed End Cap  
Order Code: AD017  
Dimension:  
8.5x14.5mm/0.33"x0.57"(WxH)  
Material: silicone  
Color: transparent

## CONTROLLER & DRIVER



Order code: M6+M3-3A  
RF Controller 216W  
DC24V, 3A\*3Channel, Max 9A  
IP20, Support remote control.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

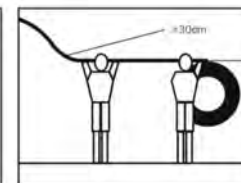
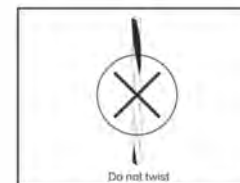
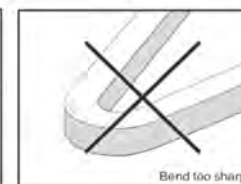
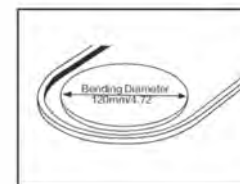
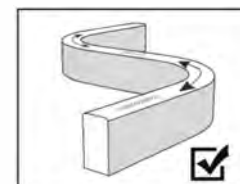


## APPLICATION

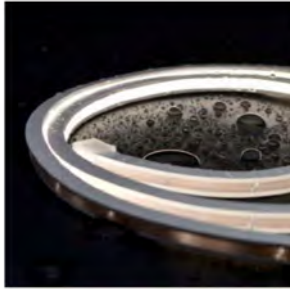
- Suitable for bar, ceiling and wall lighting application.
- Ideal for color dynamic application with excellent color rendition and high power levels.

## ADDITIONAL INFO.

- Please light it up for a quick check before installation.
- Bending diameter of LEDLINE ASTON 0612 RGB is 120mm, do not bend to upward or downward direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- Warranty: All LED light are warranted to be free from defects in product itself for 3 years from the date of purchase.  
This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.



## LEDLINE TINI 0606



-LEDLINE TINI 0606, DC24V.  
Cross section size 6mm x 6mm/  
0.24" x 0.24" (W x H), which is  
vertical bending with radius of  
25mm / 0.98".  
-IP44&IP67 protected are  
optional, UV resistant,  
chemical resistant for indoor  
& outdoor solutions. Very easy  
to cut & reconnect on site.  
-3-Step MacAdam bin and dot  
free lighting guarantee the most  
excellent performance over the  
rated lifetime.

## DIMENSION



### Electrical data

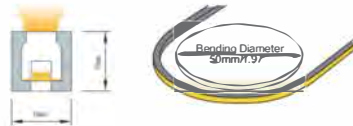
Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	Ta <sub>min</sub> =-25°C /-13°F, Ta <sub>max</sub> =55°C /131°F
Power(W/m W/ft)	6/1.8
Efficacy(lm/W)@4000K	62
Unit cut	25mm
CRI	Ra93
Warranty	3years

(Lm/m)

CCT	2700K	3000K	3500K	4000K	5000K	Max. Run Length
Power	340	332	382	372	361	5M
6W/M						

Note:

- Max.run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerance of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.

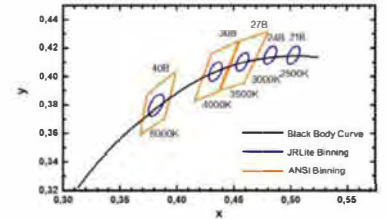


## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
TINI 0606	27=2700K	05000=5M/196.85"	006=6W	F=FRONT
	30=3000K			S=SIDE
	35=3500K			B=BOTTOM
	40=4000K			
	50=5000K			

Example:  
TINI0606-30-01500-006-F:  
LEDLINE TINI 0606, 3000K,  
1.5M/reel, 6W/M, Front cable entry.

- 1.Max production length 20meters per reel, and the standard packaging is 5meters per reel.
- 2.Standard cable length is 30cm, if you need cable longer than 30cm, please mention us the required cable length.
- 3.It is no IK-Rated, please don't walk on it without protection.



## VARIOUS CONNECTIONS



**IP44 Front Cable Entry**  
IP44 intergrated end cap  
provides good light effect at  
the end of strip. IP67 external  
end cap is available.

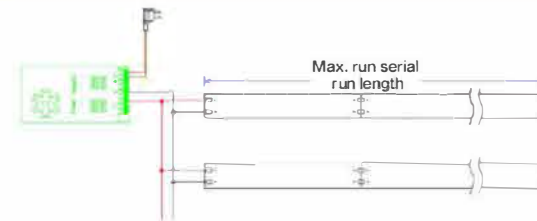


**IP67 Side Cable Entry**  
Semi-transparent silicone  
end cap provides good light  
effect at the end of strip.



**IP67 Bottom Cable Entry**  
Semi-transparent silicone  
end cap provides good light  
effect at the end of strip.

## WIRING DIAGRAM



-Max. connectable length depends on  
the wattage of the power supply and LED  
strip.

-Max. length per circuit is 5m, if it exceeds  
5m, please split into multiple circuits.

-Please contact us if >150W power supply  
is needed.



## ACCESSORIES



Aluminum Profile  
Article No.: AC020-AP  
Dimension:  
1000 × 8.5 × 6.1mm (L × W × H)  
Material: aluminum  
Color: silver



Mounting Clip  
Article No.: AC021-SET  
Dimension: 15 × 8.5 × 6.1mm  
(L × W × H)  
Material: aluminum  
Color: silver



End Cap  
Article No.: AD013  
Material: silicone  
Color: transparent



Front End Cap  
Article No.: AD012-F  
Material: silicone  
Color: transparent



Side End Cap  
Article No.: AD012-S  
Material: silicone  
Color: transparent



Bottom End Cap  
Article No.: AD012-B  
Material: silicone  
Color: transparent

## DRIVER



Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification  
Indoor use only.



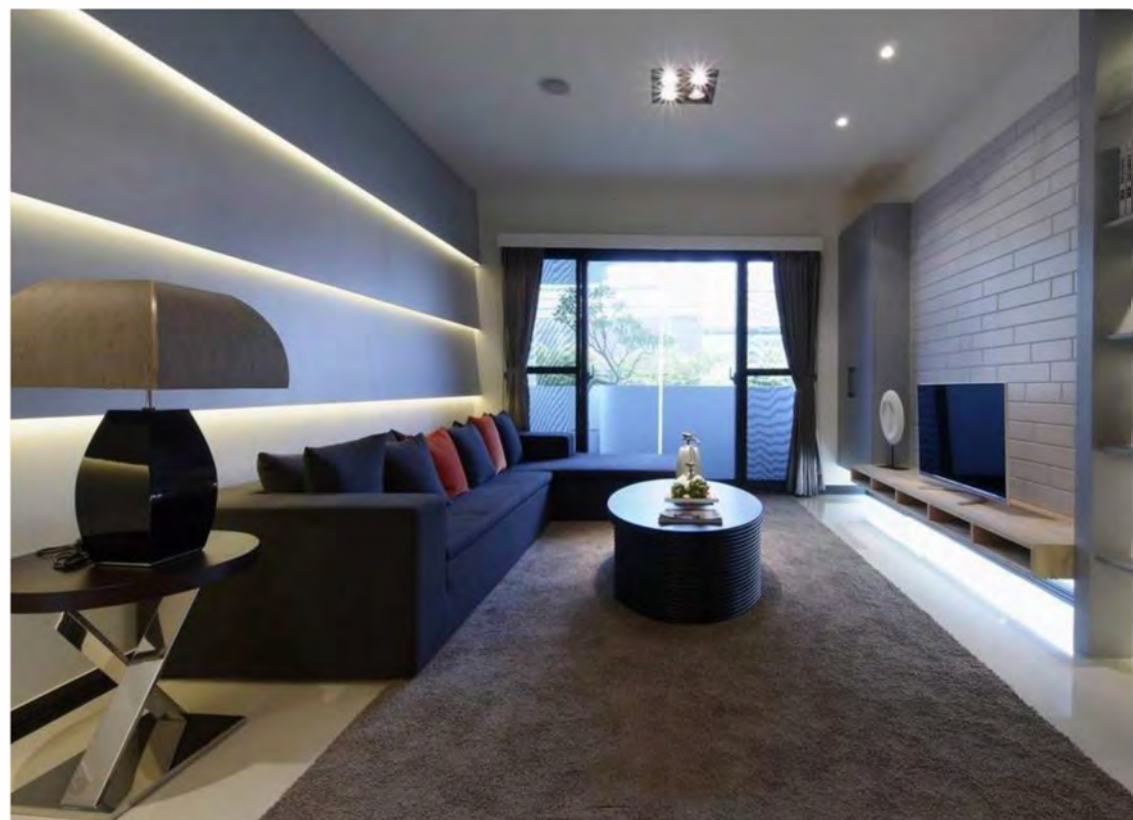
Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.



## APPLICATION

- Facade lighting, contour lighting and landscape lighting.
- Solutions for retail shops.
- Signage and illuminated advertising.
- Ideal for architectural lighting, coves, object integration.

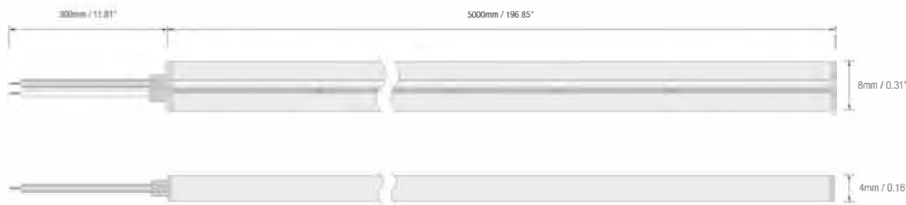


## LEDLINE UNI 0408



-LEDLINE UNI 0408, DC24V.  
Cross section size 4mm x 8mm / 0.16" x 0.31" (W x H), which is horizontal bending with radius of 15mm / 0.59".  
-IP44&IP67 protected are optional, UV resistant, chemical resistant for indoor & outdoor solutions. Very easy to cut & reconnect on site.  
-3-Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.

## DIMENSION



### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	T <sub>a min</sub> = -25°C /-13°F, T <sub>a max</sub> = 55°C /131°F
Power(W/m W/ft)	6/1.8
Efficacy(lm/W)@4000K	41.6
Unit cut	25mm
CRI	Ra95
Warranty	3years

(Lm/m)

CCT	2700K	3000K	3500K	4000K	5300K	Max. Run Length
Power	240	256	235	250	253	5M

Note:

- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.

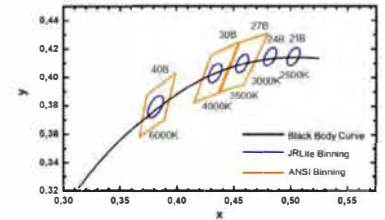


## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
UNI 0408	27=2700K	5000=5M/196.85"	006=6W	F=FRONT
	30=3000K			
	35=3500K			
	40=4000K			
	53=5300K			

Example:  
UNI 0408-30-1500-006-F:  
LEDLINE UNI 0408, 3000K,  
1.5M/reel, 6W/M, Front cable entry.

- 1.Max production length 10meters per reel, and the standard packaging is 5meters per reel also.
- 2.Standard cable length is 30cm, if you need cable longer than 30cm, please mention us the required cable length.
- 3.It is no IK-Rated, please don't walk on it without protection



## VARIOUS CONNECTIONS

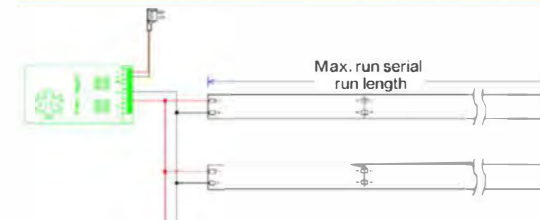


**IP44 Front Cable Entry**  
IP44 intergrated end cap provides good light effect at the end of strip. IP67 external end cap is available.



**IP67 Front Cable Entry**  
Semi-transparent silicone end cap provides good light effect at the end of strip.

## WIRING DIAGRAM



-Max. connectable length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, If it exceeds 5m, please split into multiple circuits.

-Please contact us if >150W power supply is needed.

## ACCESSORIES



Aluminum Profile  
Article No.: AC021-AP  
Dimension: 1000 × 6.5 × 7.2mm  
(L × W × H)  
Material: aluminum  
Color: silver



Mounting Clip  
Article No.: AC022-SET  
Dimension: 15 × 6.5 × 7.2mm  
(L × W × H)  
Material: aluminum  
Color: silver



End Cap  
Article No.: AD014/AD015  
Material: silicone  
Color: transparent

## DRIVER



Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification  
Indoor use only.



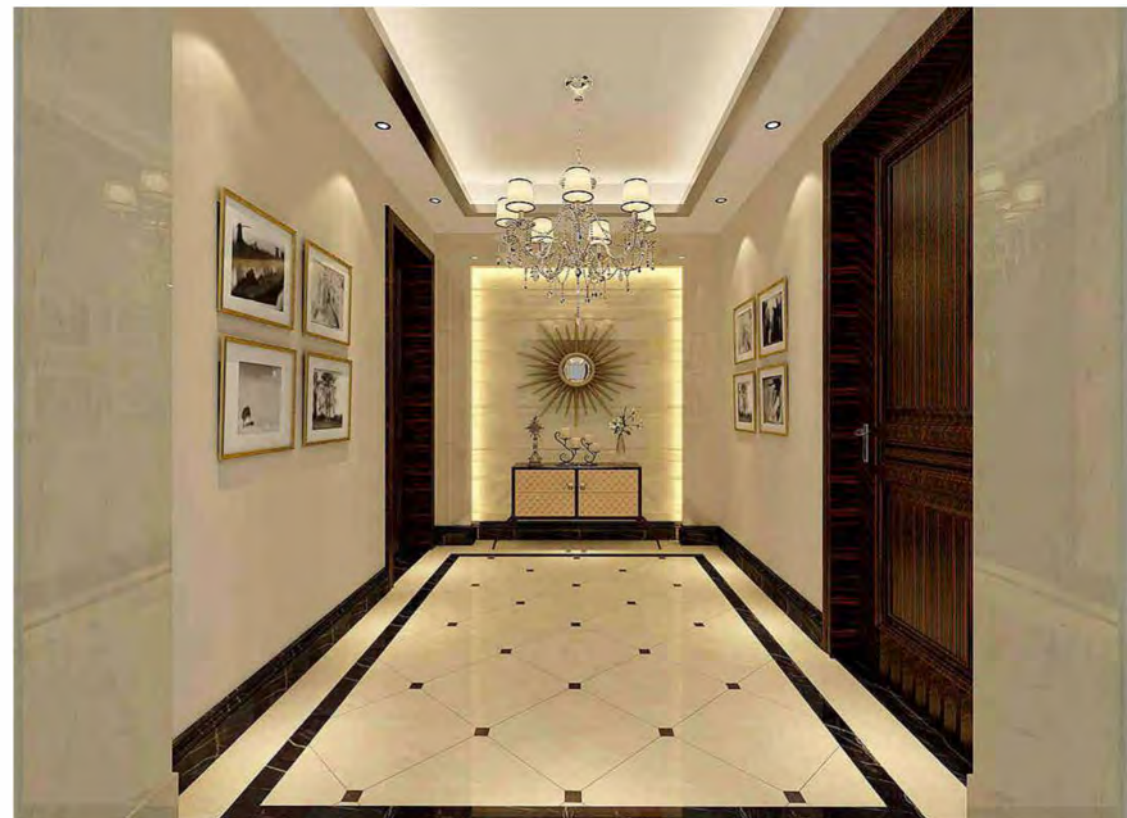
Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



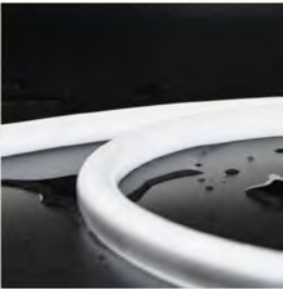
Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.



## APPLICATION

- ▶ Facade lighting, contour lighting and landscape lighting.
- ▶ Solutions for retail shops.
- ▶ Signage and illuminated advertising.
- ▶ Ideal for architectural lighting, coves, object integration.

LEDLINE SIMBA WHT



-LEDLINE SIMBA WHT, DC24V  
Cross section size 16mm x 15.5mm/ 0.63" x 0.61" (W x H), which is vertical bending with radius of 100mm / 3.94".  
-2-Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.  
-IP67 protected, UV resistant, chemical resistant for indoor & outdoor solutions. Very easy to cut & reconnect on site.

DIMENSION

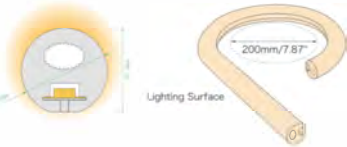


Electrical data	
Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	T <sub>a min</sub> = -25°C /-13°F, T <sub>a max</sub> (Table below)
CRI	Ra93

Ledline Simba WHT		Output
Power(W/m W/ft)		10/3.1
Efficacy(lm/W) @4000K		71
Max. Ambient tmp.(T <sub>a max</sub> )		45°C /113°F

(Lm/m)							
CCT	2700K	3000K	3500K	4000K	6000K	Max. Run Length	Unit Cut
Power	760	795	822	707	820	13M	50m/m

Note:  
-When ambient temperature reaches 45°C, the power is suggested to be 10W/M.  
-Max.run length refers to single side feed in serial connection.  
-The given data are typical values due to the tolerance of the production process and the electrical components, values for light output and electrical power can vary up to 10%.  
-The given color temperature is the temperature of finished product.

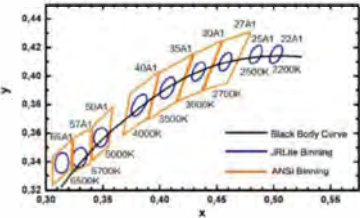


ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
SIMBA	27=2700K	5000=5M/196.85"	010=10W	F=FRONT
	30=3000K			
	35=3500K			
	40=4000K			
	60=6000K			

Example:  
SIMBA-30-1500-010-F:  
LEDLINE SIMBA WHT, 3000K,  
1.5M/reel, 10W/M, Front cable entry.

- 1.Max production length 30meters per reel, and the standard packaging is 10meters per reel.
- 2.Standard cable length is 30cm, if you need cable longer than 30cm, please mention us the required cable length.
- 3.It is no IK-Rated, please don't walk on it without protection.



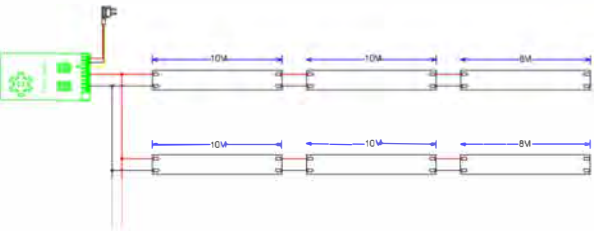
CABLE ENTRY



Front Cable Entry

- 1.With front cable entry, people could bend cable based on site situation.
- 2.People could cut it and close it with end cap at site easily.
- 3.It almost don't have dark zone thanks to milky end cap.
- 4.It is able to provide wide luminous range thanks to its 270° beam angle.

WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

10W/M - 13M Max. Single Run Length;  
The strip is 10m/reel at standard.

-Please contact us if >150W power supply is needed.





## ACCESSORIES



Mounting clips  
Order Code: AC023-SET  
Dimension: 20x16.6x15.3mm  
(L x W x H)  
Material: polycarbonate  
Color: transparent



End cap (with cable entry)  
Order Code: AD018  
Material: silicone  
Color: milky



PC Profile  
Order Code: AC016-PC  
Dimension: 1000x16.6x15.3mm/  
39.37"x0.65"x0.60"(L x W x H)  
Material: polycarbonate  
Color: transparent



Closed end cap  
Order Code: AD019  
Material: silicone  
Color: milky



## APPLICATION

- Facade lighting, contour lighting and landscape lighting.
- Solutions for shopping mall, hotel.
- Signage and illuminated advertising.
- Ideal for architectural lighting, coves, object integration.

## DRIVER



Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification  
Indoor use only.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



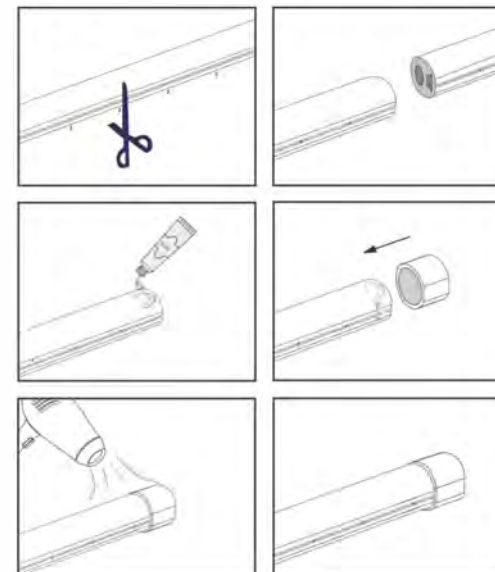
Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



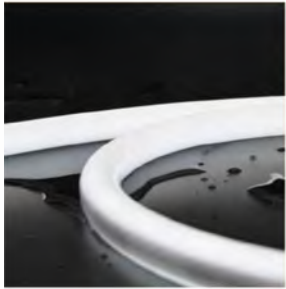
Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

## ADDITIONAL INFO.

- Please light it up for a quick check before installation.
- There is cutting mark on LEDLINE SIMBA WHT. People could cut it based on cutting mark and close it with silicone glue on site very easily.
- Warranty: All LED light are warranted to be free from defects in product itself for 5 years from the date of purchase.  
This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.

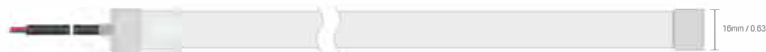


## LEDLINE SIMBA IQ



-LEDLINE SIMBA IQ, DC24V  
Cross section size 16mm x 15.5mm/0.63" x 0.61" (W x H), which is vertical bending with radius of 100mm / 3.94".  
-3-Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.  
-IP67 protected, UV resistant, chemical resistant for indoor & outdoor solutions. Very easy to cut & reconnect on site.

## DIMENSION



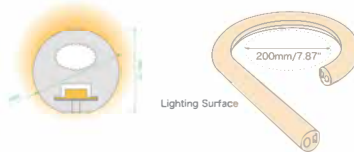
### Electrical data

Voltage	DC24V (23.5V/min, 24.5V/max)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	T <sub>amb</sub> min=-25°C /-13°F, T <sub>amb</sub> max=45°C /113°F
CRI	Ra80
Power(W/m W/ft)	10/3.1
Efficacy(lm/W) @6000K	83

CCT	LM/Mtr	Max. Watt	Max. Run Length	Unit Cut
2700K	436	5W/M	5M	50mm
6000K	459	5W/M	5M	50mm
2700K+6000K	889	10W/M	5M	50mm

### Note:

- When ambient temperature reaches 45°C, the power is suggested to be 10W/M.
- Max.run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerance of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.

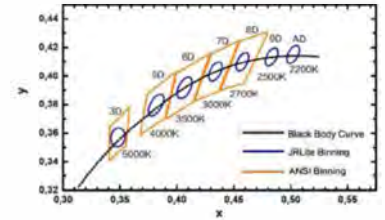


## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
SIMBA IQ	2760=2700K+6000K	5000=5M/196.85"	010=10W	F=FRONT

Example:  
SIMBA IQ-2760-1500-010-F:  
LEDLINE SIMBA Tunable White,  
2700K+6000K, 1.5M/reel, 10W/M,  
Front cable entry.

- 1.Max production length 30meters per reel, and the standard packaging is 5meters per reel.
- 2.Standard cable length is 30cm, if you need cable longer than 30cm, please mention us the required cable length.
- 3.It is no IK-Rated, please don't walk on it without protection.



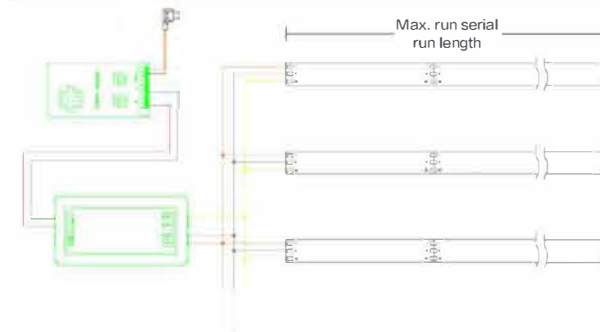
## CABLE ENTRY



Front Cable Entry

- 1.With front cable entry, people could bend cable based on site situation.
- 2.People could cut it and close it with end cap at site easily.
- 3.It almost don't have dark zone thanks to milky end cap.
- 4.It is able to provide wide luminous range thanks to its 270° beam angle.

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits. The strip is 10m/reel at standard.

-Please contact us if >150W power supply is needed.

## ACCESSORIES



Mounting clips  
Order Code: AC023-SET  
Dimension: 20x16.6x15.3mm  
(L x W x H)  
Material: polycarbonate  
Color: transparent



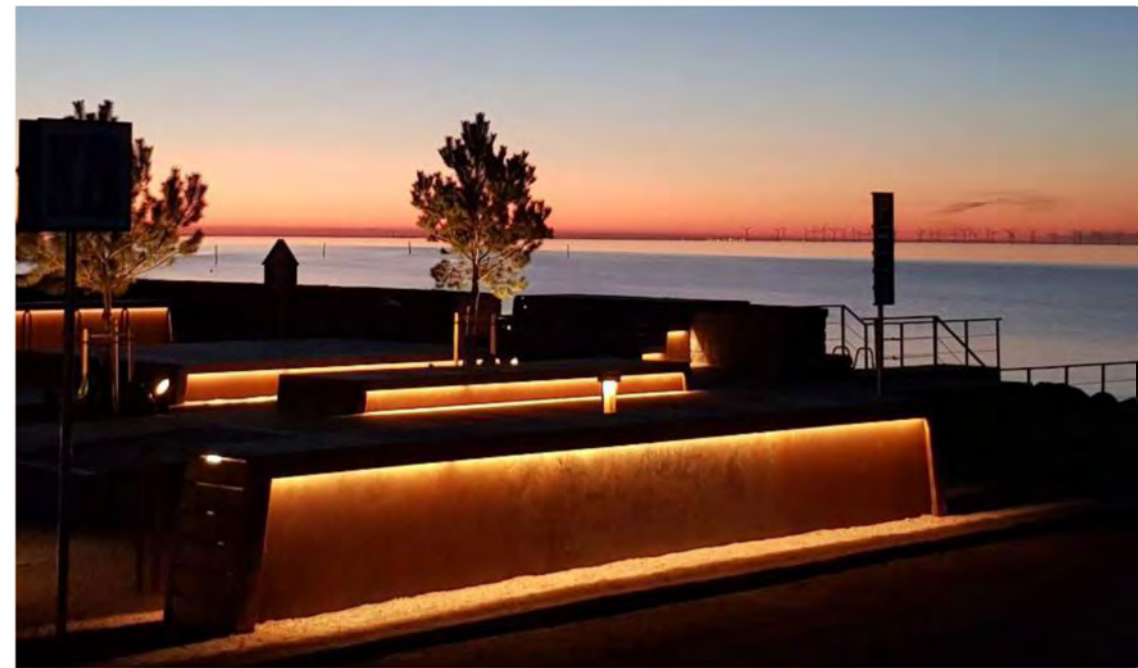
End cap (with cable entry)  
Order Code: AD018  
Material: silicone  
Color: milky



PC Profile  
Order Code: AC016-PC  
Dimension: 1000x16.6x15.3mm/  
39.37"x0.65"x0.60"(L x W x H)  
Material: polycarbonate  
Color: transparent



Closed end cap  
Order Code: AD019  
Material: silicone  
Color: milky



## APPLICATION

- Hotel, restaurant, handrails lighting.
- Shop, residential, offices lighting.
- Organic shaped luminaires.
- Ideal for architectural lighting, object integration and signage.

## CONTROLLER & DRIVER



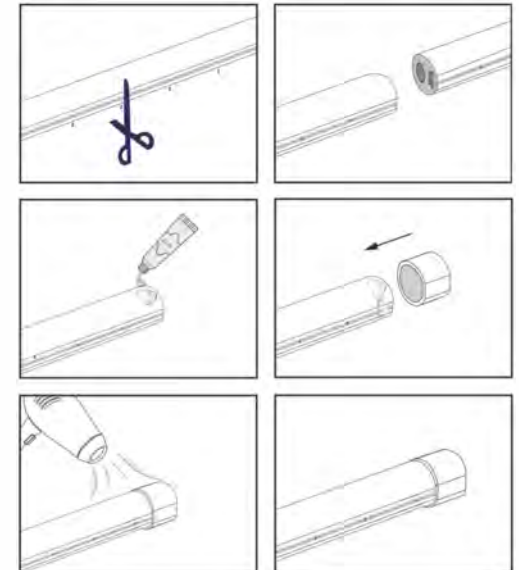
Order code: M2+M3-3A  
RF Controller 144W  
DC24V, 3A\*2Channel, Max 6A  
IP20, Support remote control.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.

## ADDITIONAL INFO.

- Please light it up for a quick check before installation.
- There is cutting mark on LEDLINE SIMBA IQ. People could cut it based on cutting mark and close it with silicone glue on site very easily.
- Warranty: All LED light are warranted to be free from defects in product itself for 5 years from the date of purchase.  
This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.





## LEDLINE SIMBA RGB



-LEDLINE SIMBA RGB, DC24V  
Cross section size 16mm x 15.5mm/0.63" x 0.61" (W x H), which is vertical bending with radius of 100mm / 3.94".  
-ONE BIN only and dot free lighting guarantee the most excellent performance over the rated lifetime.  
-IP67 protected, UV resistant, chemical resistant for indoor & outdoor solutions. Very easy to cut & reconnect on site.

## DIMENSION



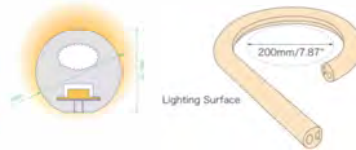
### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	T <sub>a min</sub> =-25°C /-13°F, T <sub>a max</sub> =45°C /113°F
Power(W/m W/ft)	10/3.1
Efficacy(lm/W)	34

CCT	LM/Mtr	Max. Watt	Max. Run Length	Unit Cut
R	75	3.3W/M	5M	50mm
G	224	3.3W/M	5M	50mm
B	46	3.3W/M	5M	50mm
RGB	340	10W/M	5M	50mm

### Note:

- When ambient temperature reaches 45°C, the power is suggested to be 10W/M.
- Max.run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerance of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
SIMBA RGB	RGB	5000=5M/196.85'	010=10W	F=FRONT

Example:  
SIMBA RGB-1500-010-F:  
LEDLINE SIMBA RGB, 1.5M/reel,  
10W/M, Front cable entry.

- 1.Max production length 30meters per reel, and the standard packaging is 10meters per reel.
- 2.Standard cable length is 30cm, if you need cable longer than 30cm, please mention us the required cable length.
- 3.It is no IK-Rated, please don't walk on it without protection.

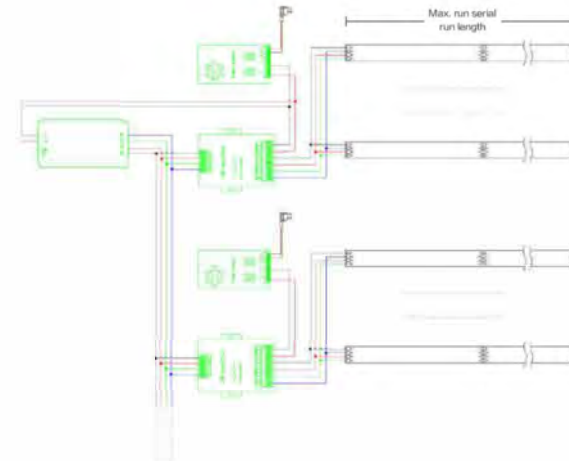
## CABLE ENTRY



Front Cable Entry

- 1.With front cable entry, people could bend cable based on site situation.
- 2.People could cut it and close it with end cap at site easily.
- 3.It almost don't have dark zone thanks to milky end cap.
- 4.It is able to provide wide luminous range thanks to its 270° beam angle.

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits. The strip is 10m/reel at standard.

-Please contact us if >150W power supply is needed.

## ACCESSORIES



Mounting clips  
Order Code: AC023-SET  
Dimension: 20x16.6x15.3mm  
(L x W x H)  
Material: polycarbonate  
Color: transparent



End cap (with cable entry)  
Order Code: AD018  
Material: silicone  
Color: milky



PC Profile  
Order Code: AC016-PC  
Dimension: 1000x16.6x15.3mm/  
39.37"x0.65"x0.60"(L x W x H)  
Material: polycarbonate  
Color: transparent



Closed end cap  
Order Code: AD019  
Material: silicone  
Color: milky



## APPLICATION

- Suitable for bar, ceiling and wall lighting application.
- Ideal for color dynamic application with excellent color rendition and high power levels.

## CONTROLLER & DRIVER



Order code: M6+M3-3A  
RF Controller 216W  
DC24V, 3A\*3Channel, Max 9A  
IP20, Support remote control.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



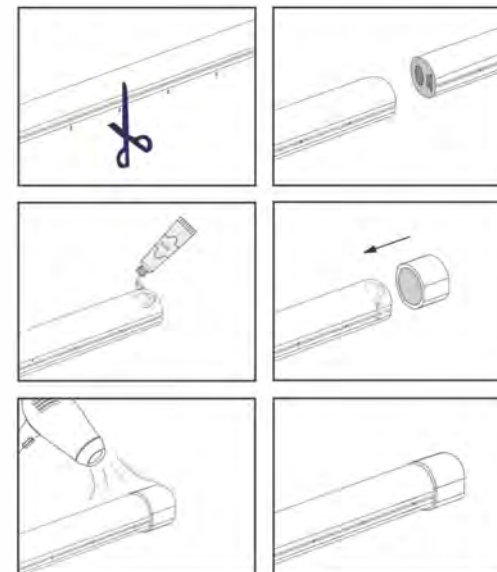
Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

## ADDITIONAL INFO.

- Please light it up for a quick check before installation.
- There is cutting mark on LEDLINE SIMBA RGB. People could cut it based on cutting mark and close it with silicone glue on site very easily.
- Warranty: All LED light are warranted to be free from defects in product itself for 3 years from the date of purchase.  
This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.



## LEDLINE CAPTAIN WHT



-LEDLINE CAPTAIN WHT, DC24V. Cross section size 30mm x 20mm / 1.18" x 0.79" (W x H), which is vertical bending with radius of 150mm / 5.91".  
 -IP67 protected, UV resistant, chemical resistant for indoor & outdoor solutions. Very easy to cut & reconnect on site.  
 -2-Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.

## DIMENSION



### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	T <sub>a min</sub> =-25°C /-13°F, T <sub>a max</sub> (Table below)
CRI	Ra93



### LEDLINE CAPTAIN WHT

### STD output

Power(W/m W/ft)	19/5.8
Efficacy(lm/W) @4000K	56
Max. Ambient tempt.(T <sub>a max</sub> )	45°C /113°F

(Lm/m)

CCT	2700K	3000K	3500K	4000K	5500K	Max. Run Length	Unit Cut
Power	19W/M	1005	1073	1089	1053	16M	50mm

### Note:

- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.

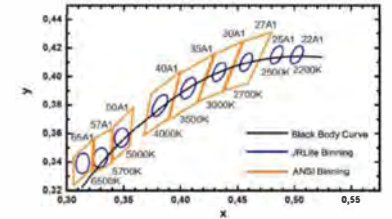


## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
CAPTAIN WHT	27=2700K	05000=5M/196.85"	019=19W	F=FRONT
	30=3000K			
	35=3500K			
	40=4000K			
	55=5500K			

Example:  
 CAPTAIN WHT-30-01500-019-F:  
 LEDLINE CAPTAIN WHT, 3000K,  
 1.5M/reel, 19W/M, Front cable entry.

- 1.Max production length 5meters per reel, and the standard packaging is 10 meters per reel.
- 2.Standard cable length is 30cm, if you need cable longer than 30cm, please mention us the required cable length.

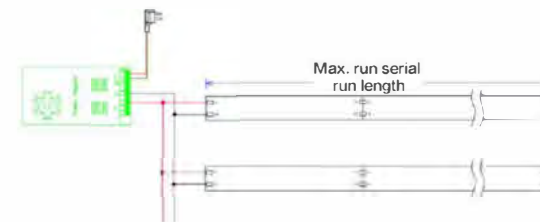


## CONNECTION



Front Cable Entry

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

19W/M - 16M Max. Single Run Length;  
 The strip is 10m/reel at standard.

-Please contact us if >150W power supply is needed.



## ACCESSORIES



Aluminium Profile  
Order Code: AC022-AP  
Dimension: 1000x32x20mm/  
39.37"x1.3"x0.79"(LxWxH)  
Material: aluminium  
Color: silver



IP67 Connector 2PIN  
Order Code: AD007-2  
Wire Gauge: 0.519mm<sup>2</sup>/20AWG  
Protection: IP67 (Mated)  
Mechanical Operation: >500  
mating cycles



Mounting Clips  
Order Code: AC024-SET  
Dimension: 20x33x20mm/  
0.79"x1.3"x0.79"(LxWxH)  
Material: aluminium  
Color: silver  
Each meter led strips needs  
4 clips + 4 screws



LEDLINE ASTON Scissor  
Order Code: AF001-1



## APPLICATION

- Facade lighting, contour lighting and landscape lighting.
- Solutions for retail shops.
- Signage and illuminated advertising.
- Ideal for architectural lighting, coves, object integration.

## DRIVER



Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification  
Indoor use only.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



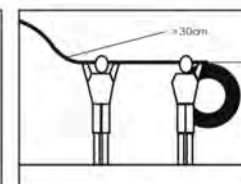
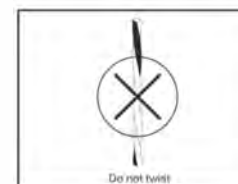
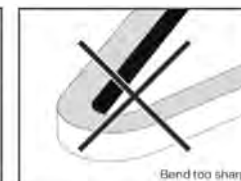
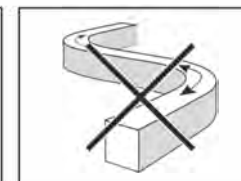
Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

## ADDITIONAL INFO.

- Please light it up for a quick check before installation.
- Bending diameter of LEDLINE CAPTAIN WHT is 300mm, do not bend to side direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- Warranty: All LED light are warranted to be free from defects in product itself for 5 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.



## LEDLINE FLEX TOP WHT



-LEDLINE FLEX TOP WHT, DC24V. Cross section size 16mm x 15mm / 0.63" x 0.59" (W x H), which is vertical bending with radius of 150mm / 5.9".  
-Thanks to full Polyurethane coating, it is IP68 protected, UV resistant, solvents resistant and saltwater temporary immersion.  
-2-Step MacAdam bin and dot free lighting effect guarantee the most excellent performance for indoor & outdoor applications.

## DIMENSION



### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	Ta <sub>min</sub> =-25°C /-13°F, Ta <sub>max</sub> (Table below)
CRI	Ra93

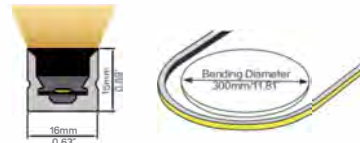
Ledline Flex Top	Low output	STD output	High output
Power(W/m W/ft)	5/1.5	10/3.1	15/4.6
Efficacy(lm/W) @4000K	66	75	64
Max. Ambient tmp.(Ta <sub>max</sub> )	50°C /122°F	45°C /113°F	35°C /95°F

(Lm/m)

CCT	2700K	3000K	3500K	4000K	6500K	Max. Run Length	Unit Cut
Power							
5W/M	280	280	315	330	295	26M	41.67mm
*10W/M	651	636	711	747	698	18M	41.67mm
15W/M	818	818	931	956	866	14M	41.67mm

Note:

- When ambient temperature reaches 50°C, the power is suggested to be 5W/M.
- The product delivery length is 5M/reel maximum. Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the strip (after coating) color temperature.

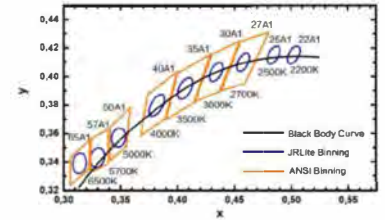


## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
LFT WHT	27=2700K	5000=5M/196.85"	005=5W	F=FRONT
	30=3000K		010=10W	S=SIDE
	35=3500K		015=15W	B=BOTTOM
	40=4000K			
	65=6500K			

Example:  
LFT WHT-30-1500-015-S:  
LEDLINE FLEX TOP WHT, 3000K,  
1.5M/reel, 15W/M, Side cable entry.

- 1.The product can be cut ONCE only and finish with end cap & glue, then IP rating drops to IP67.
- 2.Please make the cable connection out of water for underwater installation. It is 3 years warranty for underwater applications.
- 3.Standard cable length is 30cm, if you need cable longer than 30cm, please use our extension connector with 1m or 5m cable.
- 4.It is IK08 rated.



## VARIOUS CONNECTIONS



Front Cable Entry

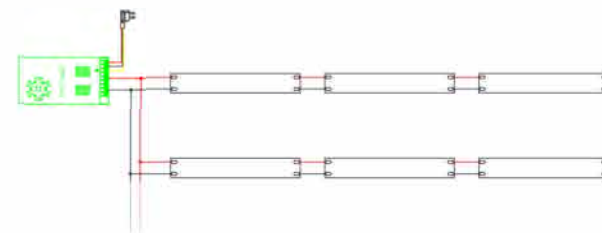


Side Cable Entry  
The cable could be perfectly hidden to achieve seamless light connection.



Bottom Cable Entry  
The cable could be perfectly hidden to achieve seamless light connection.

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

5W/M - 26M Max. Single Run Length;  
10W/M - 18M Max. Single Run Length;  
15W/M - 14M Max. Single Run Length;  
The Strip is 5m/reel at most.

-Please contact us if >150W power supply is needed.



## ACCESSORIES



Aluminium Profile  
Order Code: AC011-AP  
Dimension: 1000x18.6x17.8mm/39.37"x0.73"x0.70"(LxWxH)  
Material: aluminium  
Color: silver



IP68 Connector - WHT  
Order Code: AD001-2  
Wire gauge: 1.0mm<sup>2</sup>/18AWG  
Protection: IP68 (Mated)  
Mechanical operation: > 500 mating cycles  
Contact: brass, gold plating  
Material of housing: PA



PC Profile  
Order Code: AC011-PC  
Dimension: 1000x19.5x19.8mm/39.37"x0.77"x0.78"(LxWxH)  
Material: polycarbonate  
Color: transparent



Black Round PU Cable - WHT  
Order Code: AC098-2  
Wire gauge: 1mm<sup>2</sup>/18AWG  
MOQ: 100M/Roll



Mounting Clips  
Order Code: AC008-SET  
Dimension: 15x18.2x10.1mm/0.59"x0.72"x0.4"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter of LED strip needs  
3 clips + 3 screws + 2 end caps

## DRIVER



Order code: LRS-150-24  
85-132VAC/170-264VAC  
by switch DC24V 150W  
IP20, global certification  
Indoor use only.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

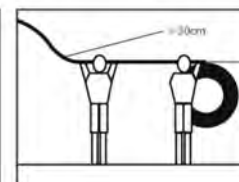
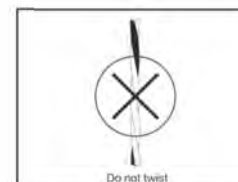
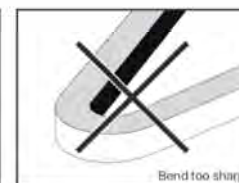
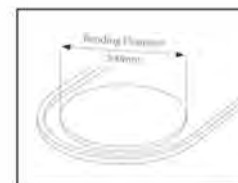
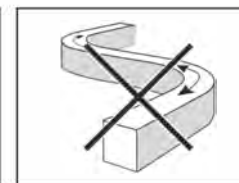


## APPLICATION

- ▶ IP68 protection with full Polyurethane encapsulation. With PC profile, perfect for underwater applications like swimming pools.
- ▶ Ideal for resort, seaside park and luxurious yachts decoration.
- ▶ Professional solution for architectural & facade lighting.

## ADDITIONAL INFO.

- ▶ Please light it up for a quick check before installation.
- ▶ Bending diameter of LEDLINE FLEX TOP is 300mm, do not bend to side direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- ▶ During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- ▶ Warranty: All LED light are warranted to be free from defects in product itself for 5 years from the date of purchase.  
This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.





## LEDLINE FLEX TOP IQ



-LEDLINE FLEX TOP IQ, DC24V. Cross section size 16mm x 15mm / 0.63" x 0.59" (W x H), which is vertical bending with radius of 150mm / 5.9".  
-Thanks to full Polyurethane coating, it is IP68 protected, UV resistant, solvents resistant and saltwater temporary immersion.  
-3-Step MacAdam bin and dot free lighting effect guarantee the most excellent performance for indoor & outdoor applications.

## DIMENSION



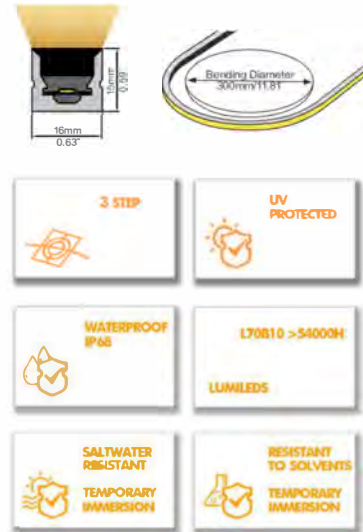
### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	T <sub>a min</sub> =-25°C /-13°F; T <sub>a max</sub> =35°C /95°F@15W T <sub>a max</sub> =45°C /113°F@7.5W(Single Color)
CRI	Ra80
Power(W/m W/ft)	15/4.6
Efficacy(lm/W) @6500K	70

CCT	LM/Mtr	Max. Watt	Max. Run Length	Unit Cut
2700K	512	7.5W/M	15M	50mm
6500K	525	7.5W/M	15M	50mm
2700K+6500K	1033	15W/M	11M	50mm

### Note:

- The product delivery length is 5M/reel maximum. Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the strip (after coating) color temperature.

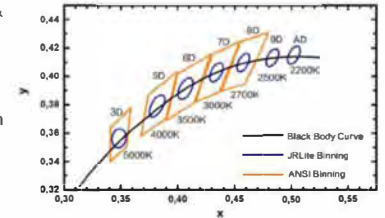


## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
LFT IQ	2765=2700K+6500K	5000=5M/196.85"	015=15W	F=FRONT S=SIDE B=BOTTOM

Example:  
LFT IQ-2765-1500-015-S:  
LEDLINE FLEX TOP Tunable White,  
2700K+6500K, 1.5M/reel, 15W/M,  
Side cable entry.

- 1.The product can be cut ONCE only and finish with end cap & glue, then IP rating drops to IP67.
- 2.Please make the cable connection out of water for underwater installation. It is 3 years warranty for underwater applications.
- 3.Standard cable length is 30cm, if you need cable longer than 30cm, please use our extension connector with 1m or 5m cable.
- 4.It is IK08 rated.



## VARIOUS CONNECTIONS



Front Cable Entry

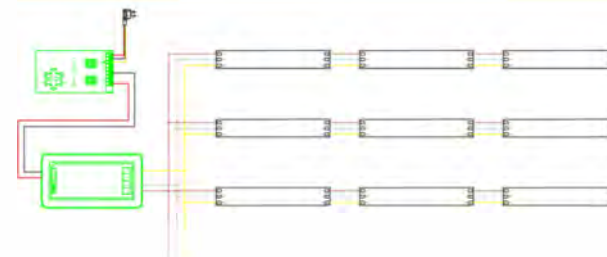


Side Cable Entry  
The cable could be perfectly hidden to achieve seamless light connection.



Bottom Cable Entry  
The cable could be perfectly hidden to achieve seamless light connection.

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

7.5W/M (Single Color) - 15M Max. Single Run Length;  
15W/M - 11M Max. Single Run Length;  
The Strip is 5m/reel at most.

-Please contact us if >150W power supply is needed.

## ACCESSORIES



Aluminium Profile  
Order Code: AC011-AP  
Dimension: 1000x18.6x17.8mm/39.37"x0.73"x0.70"(LxWxH)  
Material: aluminium  
Color: silver



IP68 Connector - IQ  
Order Code: AD001-3  
Wire gauge: 1.0mm<sup>2</sup>/18AWG  
Protection: IP68(Mated)  
Mechanical operation: > 500 mating cycles  
Contact: brass, gold plating  
Material of housing: PA



PC Profile  
Order Code: AC011-PC  
Dimension: 1000x19.5x19.8mm/39.37"x0.77"x0.78"(LxWxH)  
Material: polycarbonate  
Color: transparent



Black Round PU Cable - IQ  
Order Code: AC098-3  
Wire gauge: 1mm<sup>2</sup>/18AWG  
MOQ: 100M/Roll



Mounting Clips  
Order Code: AC008-SET  
Dimension: 15x18.2x10.1mm/0.59"x0.72"x0.4"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter of LED strip needs  
3 clips + 3 screws + 2 end caps

## CONTROLLER & DRIVER



Order code: M2+M3-3A  
RF Controller 144W  
DC24V, 3A\*2Channel, Max 6A  
IP20, Support remote control.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

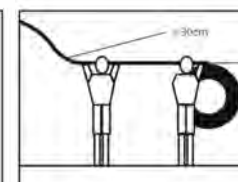
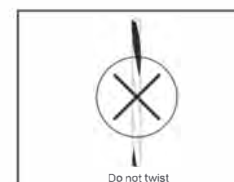
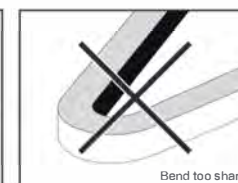
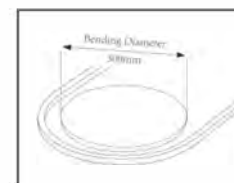
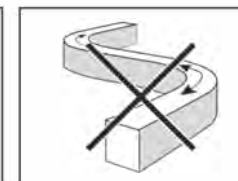


## APPLICATION

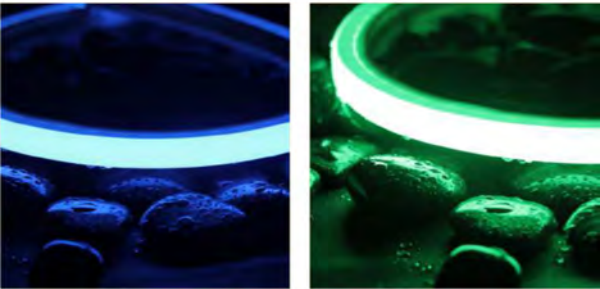
- Designed to create an appropriate atmosphere by the color and light adjustment from 2700K to 6500K.
- Excellent for beach residence, high-end hotels lighting.
- Ideal for stylish restaurants, shopping malls and airports.
- PC profile, aluminium profile and mounting clips are optional for installation.

## ADDITIONAL INFO.

- Please light it up for a quick check before installation.
- Bending diameter of LEDLINE FLEX TOP is 300mm, do not bend to side direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- Warranty: All LED light are warranted to be free from defects in product itself for 5 years from the date of purchase.  
This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.

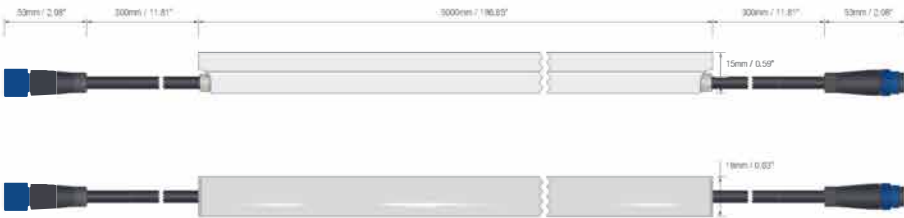


LEDLINE FLEX TOP RGB



-LEDLINE FLEX TOP RGB, DC24V. Cross section size 16mm x 15mm / 0.63" x 0.59" (W x H), which is vertical bending with radius of 150mm / 5.9".  
-Thanks to full Polyurethane coating, it is IP68 protected, UV resistant, solvents resistant and saltwater temporary immersion.  
-ONE BIN only and dot free lighting effect guarantee the most excellent performance for indoor & outdoor applications.

DIMENSION



Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	T <sub>amb</sub> = -25°C /-13°F; T <sub>amb</sub> = 45°C /113°F
Power(W/m W/ft)	10/3.1
Efficacy(lm/W)	30.4

CCT	LM/Mtr	Max. Watt	Max. Run Length	Unit Cut
R	72	3.3W/M	5M	71.43mm
G	192	3.3W/M	5M	71.43mm
B	42	3.3W/M	5M	71.43mm
RGB	304	10W/M	5M	71.43mm

Note:  
-The product delivery length is 5M/reel maximum. Max. run length refers to single side feed in serial connection.  
-The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.  
-The given color temperature is the strip (after coating) color temperature.



ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
LFT RGB	RGB	5000=5M/196.85"	010=10W	F=FRONT
				S=SIDE
				B=BOTTOM

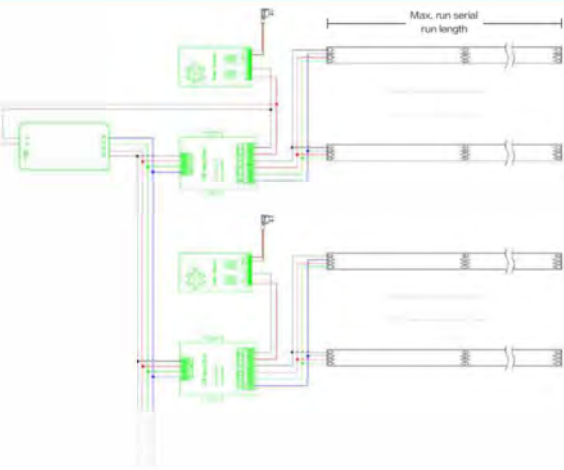
Example:  
LFT RGB-1500-010-S:  
LEDLINE FLEX TOP RGB, 1.5M/reel, 10W/M, Side cable entry.

- 1.The product can be cut ONCE only and finish with end cap & glue, then IP rating drops to IP67.
- 2.Please make the cable connection out of water for underwater installation. It is 3 years warranty for underwater applications.
- 3.Standard cable length is 30cm, if you need cable longer than 30cm, please use our extension connector with 1m or 5m cable.
- 4.It is IK08 rated.

VARIOUS CONNECTIONS



WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:  
10W/M – 5M Max. Single Run Length;  
The Strip is 5m/reel at most.  
-Please contact us if >150W power supply is needed.



## ACCESSORIES



Aluminium Profile  
Order Code: AC011-AP  
Dimension: 1000x18.6x17.8mm/39.37"x0.73"x0.70"(LxWxH)  
Material: aluminium  
Color: silver



IP68 Connector - RGB  
Order Code: AD001-4  
Wire gauge: 1.0mm<sup>2</sup>/18AWG  
Protection: IP68(Mated)  
Mechanical operation: > 500 mating cycles  
Contact: brass, gold plating  
Material of housing: PA



PC Profile  
Order Code: AC011-PC  
Dimension: 1000x19.5x19.8mm/39.37"x0.77"x0.78"(LxWxH)  
Material: polycarbonate  
Color: transparent



Black Round PU Cable - RGB  
Order Code: AC098-4  
Wire gauge: 1mm<sup>2</sup>/18AWG  
MOQ: 100M/Roll



Mounting Clips  
Order Code: AC008-SET  
Dimension: 15x18.2x10.1mm/0.59"x0.72"x0.4"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter of LED strip needs  
3 clips + 3 screws + 2 end caps

## CONTROLLER & DRIVER



Order code: M6+M3-3A  
RF Controller 216W  
DC24V, 3A\*3Channel, Max 9A  
IP20, Support remote control.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

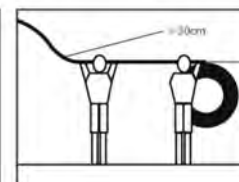
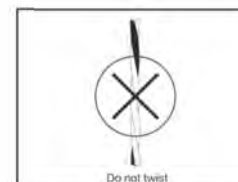
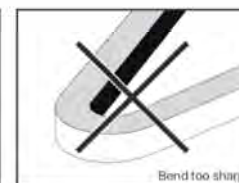
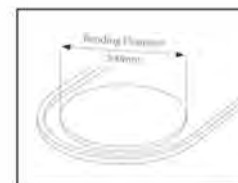
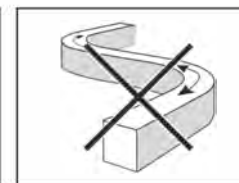


## APPLICATION

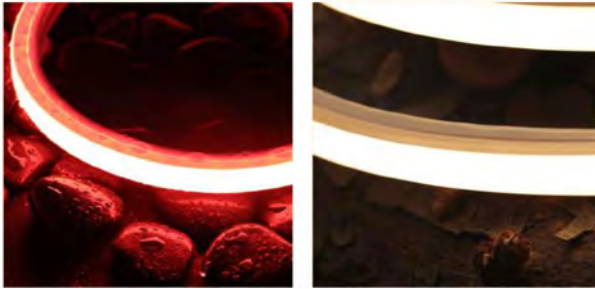
- ▶ Superb for creating striking and dynamic lighting effects.
- ▶ Bars, towers, amusement park, aquarium anywhere need direct lighting.
- ▶ Ideal for yacht, architectural, underwater lighting applications.
- ▶ PC profile, aluminium profile and mounting clips are optional for installation.

## ADDITIONAL INFO.

- ▶ Please light it up for a quick check before installation.
- ▶ Bending diameter of LEDLINE FLEX TOP is 300mm, do not bend to side direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- ▶ During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- ▶ Warranty: All LED light are warranted to be free from defects in product itself for 3 years from the date of purchase.  
This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.



## LEDLINE FLEX TOP RGBW



-LEDLINE FLEX TOP RGBW, DC24V. Cross section size 16mm x 15mm / 0.63" x 0.59" (W x H), which is vertical bending with radius of 150mm / 5.9".  
-Thanks to full Polyurethane coating, it is IP68 protected, UV resistant, solvents resistant and saltwater temporary immersion.  
-ONE BIN only and dot free lighting effect guarantee the most excellent performance for indoor & outdoor applications.

## DIMENSION



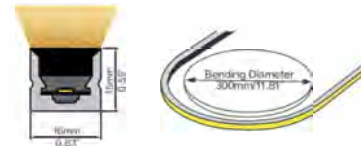
### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C / 149°F
Storage Temperature	-25°C / -13°F <sub>min</sub> , 60°C / 140°F <sub>max</sub>
Ambient Temperature	T <sub>a min</sub> = -25°C / -13°F; T <sub>a max</sub> = 35°C / 95°F @ 15W T <sub>a max</sub> = 50°C / 122°F @ 3.75W (Single Color)
Power(W/m W/ft)	15/4.6
Efficacy(lm/W)	37

CCT	LMMtr	Max. Watt	Max. Run Length	Unit Cut
R	62	3.75W/M	5M	71.43mm
G	205	3.75W/M	5M	71.43mm
B	46	3.75W/M	5M	71.43mm
W27	272	3.75W/M	5M	71.43mm
W30	272	3.75W/M	5M	71.43mm
W40	276	3.75W/M	5M	71.43mm
W65	250	3.75W/M	5M	71.43mm
RGBW40	562	15W/M	5M	71.43mm

### Note:

- The product delivery length is 5M/reel maximum. Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the strip (after coating) color temperature.



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
LFT RGBW	27=2700K	5000=5M/196.85"	015=15W	F=FRONT
	30=3000K			S=SIDE
	40=4000K			B=BOTTOM
	65=6500K			

Example:  
LFT RGBW30-1500-015-S:  
LEDLINE FLEX TOP RGBW3000K,  
1.5M/reel, 15W/M, Side cable entry.

- 1.The product can be cut ONCE only and finish with end cap & glue, then IP rating drops to IP67.
- 2.Please make the cable connection out of water for underwater installation. It is 3 years warranty for underwater applications.
- 3.Standard cable length is 30cm, if you need cable longer than 30cm, please use our extension connector with 1m or 5m cable.
- 4.It is IK08 rated.

## VARIOUS CONNECTIONS



Front Cable Entry

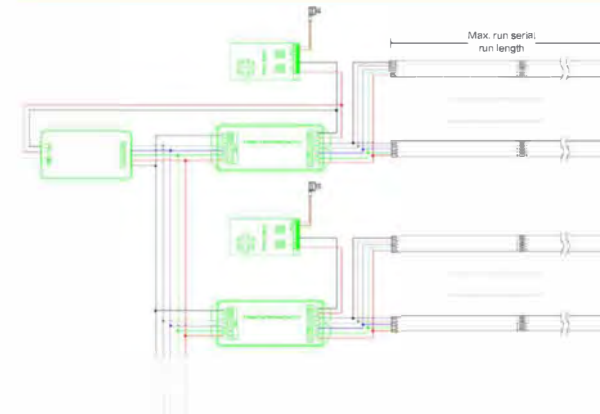


Side Cable Entry  
The cable could be perfectly hidden to achieve seamless light connection.



Bottom Cable Entry  
The cable could be perfectly hidden to achieve seamless light connection.

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

15W/M - 5M Max. Single Run Length;  
The Strip is 5m/reel at most.

-Please contact us if >150W power supply is needed.



## ACCESSORIES



Aluminium Profile  
Order Code: AC011-AP  
Dimension: 1000x18.6x17.8mm/39.37"x0.73"x0.70"(LxWxH)  
Material: aluminium  
Color: silver



IP68 Connector - RGBW  
Order Code: AD001-5  
Wire gauge: 1.0mm<sup>2</sup>/18AWG  
Protection: IP68 (Mated)  
Mechanical operation: > 500 mating cycles  
Contact: brass, gold plating  
Material of housing: PA



PC Profile  
Order Code: AC011-PC  
Dimension: 1000x19.5x19.8mm/39.37"x0.77"x0.78"(LxWxH)  
Material: polycarbonate  
Color: transparent



Black Round PU Cable - RGBW  
Order Code: AC098-5  
Wire gauge: 1mm<sup>2</sup>/18AWG  
MOQ: 100M/Roll



Mounting Clips  
Order Code: AC008-SET  
Dimension: 15x18.2x10.1mm/0.59"x0.72"x0.4"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter of LED strip needs  
3 clips + 3 screws + 2 end caps

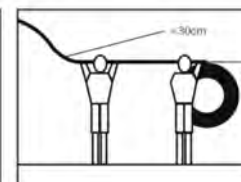
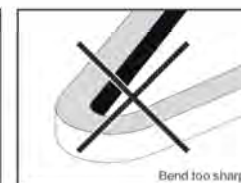
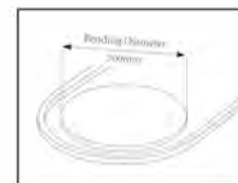
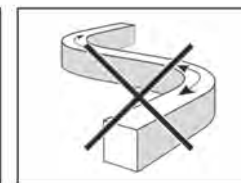


## APPLICATION

- ▶ Brilliant colors and white light are in one product to compose impressive scenes to fit your special occasions.
- ▶ Perfect for Ferris wheel, yacht, swimming pool, art galleries.
- ▶ PC profile, aluminium profile and mounting clips are optional for installation.

## ADDITIONAL INFO.

- ▶ Please light it up for a quick check before installation.
- ▶ Bending diameter of LEDLINE FLEX TOP is 300mm, do not bend to side direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- ▶ During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- ▶ Warranty: All LED light are warranted to be free from defects in product itself for 3 years from the date of purchase.  
This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.



## CONTROLLER & DRIVER



Order code: M4+M4-3A  
RF Controller 288W  
DC24V, 3A\*4Channel, Max 12A  
IP20, Support remote control.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.



## LEDLINE FLEX SIDE WHT



-LEDLINE FLEX SIDE WHT, DC24V. Cross section size 12mm x 20mm / 0.47" x 0.79" (W x H), which is horizontal bending with radius of 150mm / 5.9".  
-Thanks to full Polyurethane coating, it is IP68 protected, UV resistant, solvents resistant and saltwater temporary immersion.  
-2-Step MacAdam bin and dot free lighting effect guarantee the most excellent performance for indoor & outdoor applications.

## DIMENSION



### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	Ta <sub>min</sub> =-25°C /-13°F, Ta <sub>max</sub> (Table below)
CRI	Ra93

LEDline Flex Side	Low output	STD output	High output
Power(W/m W/ft)	5/1.5	10/3.1	15/4.6
Efficacy(lm/W) @4000K	52.8	52.8	51.2
Max. Ambient tmpt.(Ta <sub>max</sub> )	50°C /122°F	45°C /113°F	35°C /95°F

(Lm/m)

CCT	2700K	3000K	3500K	4000K	6000K	Max. Run Length	Unit Cut
Power							
5W/M	228	262	255	264	232	23M	41.67mm
*10W/M	439	506	522	528	455	16M	41.67mm
15W/M	663	762	702	768	700	12M	41.67mm

Note:

- When ambient temperature reaches 50°C, the power is suggested to be 5W/M.
- The product delivery length is 5M/reel maximum. Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the strip (after coating) color temperature.

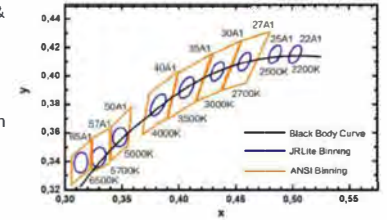


## ORDER CODE

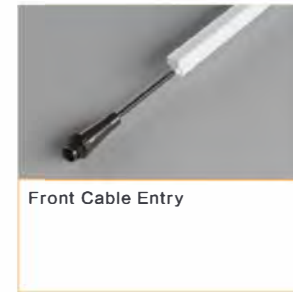
SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
LFS WHT	27=2700K	5000=5M/196.85"	005=5W	F=FRONT
	30=3000K		010=10W	S=SIDE
	35=3500K		015=15W	B=BOTTOM
	40=4000K			
	60=6000K			

Example:  
LFS WHT-30-1500-015-S:  
LEDLINE FLEX SIDE WHT, 3000K,  
1.5M/reel, 15W/M, Side cable entry.

- 1.The product can be cut ONCE only and finish with end cap & glue, then IP rating drops to IP67.
- 2.Please make the cable connection out of water for underwater installation. It is 3 years warranty for underwater applications.
- 3.Standard cable length is 30cm, if you need cable longer than 30cm, please use our extension connector with 1m or 5m cable.
- 4.It is IK08 rated.



## VARIOUS CONNECTIONS



Front Cable Entry

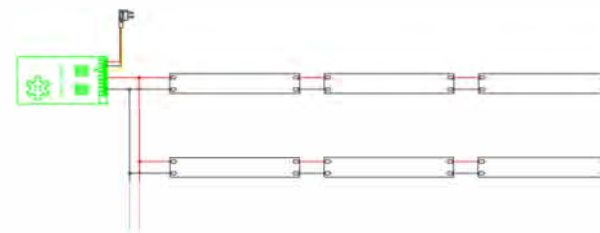


Side Cable Entry  
The cable could be perfectly hidden to achieve seamless light connection.



Bottom Cable Entry  
The cable could be perfectly hidden to achieve seamless light connection.

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

5W/M - 23M Max. Single Run Length;  
10W/M - 16M Max. Single Run Length;  
15W/M - 12M Max. Single Run Length;  
The Strip is 5m/reel at most.

-Please contact us if >150W power supply is needed.

## ACCESSORIES



Aluminium Profile  
Order Code: AC012-AP  
Dimension: 1000x14.4x21.4mm/  
39.37"x0.57"x0.84"(LxWxH)  
Material: aluminium  
Color: silver



IP68 Connector - WHT  
Order Code: AD001-2  
Wire gauge: 1.0mm<sup>2</sup>/18AWG  
Protection: IP68 (Mated)  
Mechanical operation: > 500  
mating cycles  
Contact: brass, gold plating  
Material of housing: PA



Curved Profile  
Order Code: AC012-CR  
Dimension: 500x26.4x18mm/  
19.68"x1.04"x0.71"(LxWxH)  
Material: stainless steel  
Color: silver



Black Round PU Cable - WHT  
Order Code: AC098-2  
Wire gauge: 1mm<sup>2</sup>/18AWG  
MOQ: 100M/Roll



Mounting Clips  
Order Code: AC009-SET  
Dimension: 15x13.8x12.8mm/  
0.59"x0.54"x0.5"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter of LED strip needs  
3 clips + 3 screws + 2 end caps

## DRIVER



Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification  
Indoor use only.



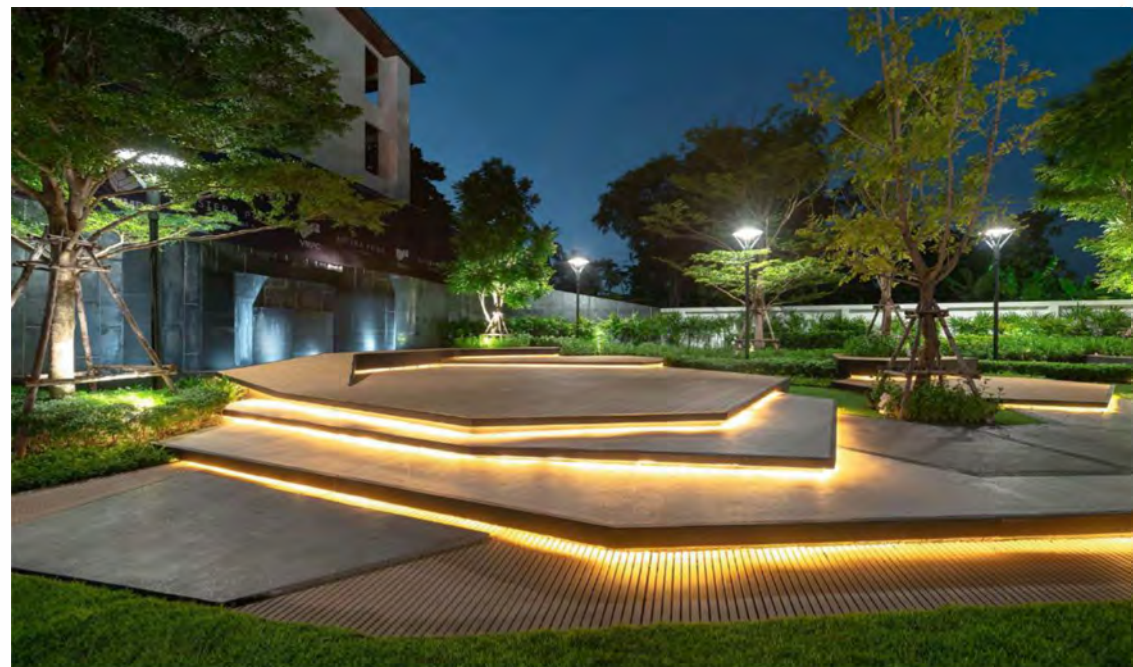
Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

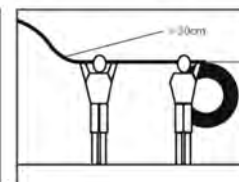
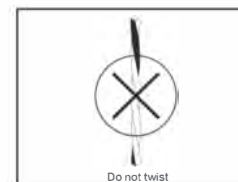
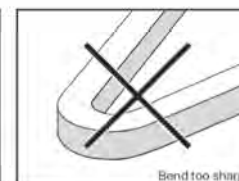
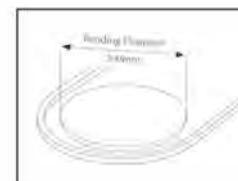
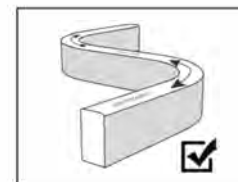


## APPLICATION

- Protected against water, dirt and corrosion and its high quality will last a lifetime.
- Designed for professional outdoor lighting, it is an ideal match solution for all high-quality applications.
- Facade lighting, yacht lighting and landscape lighting.

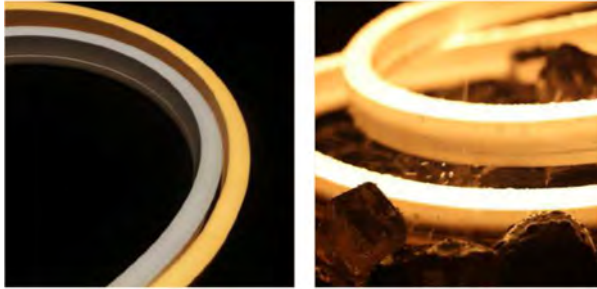
## ADDITIONAL INFO.

- Please light it up for a quick check before installation.
- Bending diameter of LEDLINE FLEX SIDE is 300mm, do not bend to top direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- Warranty: All LED light are warranted to be free from defects in product itself for 5 years from the date of purchase.  
This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.



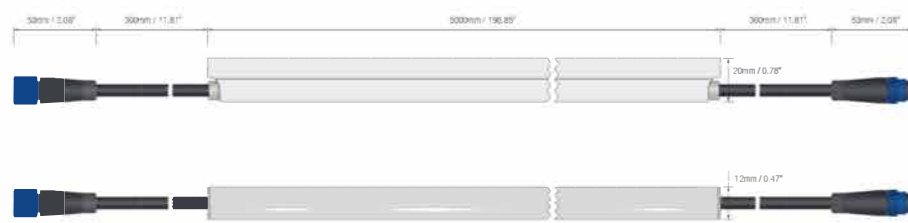


## LEDLINE FLEX SIDE IQ



-LEDLINE FLEX SIDE IQ, DC24V. Cross section size 12mm x 20mm / 0.47" x 0.79" (W x H), which is horizontal bending with radius of 150mm / 5.9".  
-Thanks to full Polyurethane coating, it is IP68 protected, UV resistant, solvents resistant and saltwater temporary immersion.  
-3-Step MacAdam bin and dot free lighting effect guarantee the most excellent performance for indoor & outdoor applications.

## DIMENSION



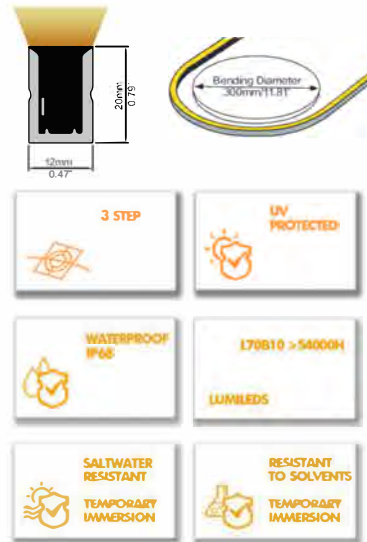
### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	T <sub>a min</sub> = -25°C /-13°F; T <sub>a max</sub> = 35°C /95°F @15W T <sub>a max</sub> = 45°C /113°F @7.5W (Single Color)
CRI	Ra80
Power(W/m W/ft)	15/4.6
Efficacy(lm/W) @6000K	56.3

CCT	LM/Mtr	Max. Watt	Max. Run Length	Unit Cut
2700K	406	7.5W/M	5M	50mm
6000K	422	7.5W/M	5M	50mm
2700K+6000K	821	15W/M	5M	50mm

### Note:

- The product delivery length is 5M/reel maximum. Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the strip (after coating) color temperature.

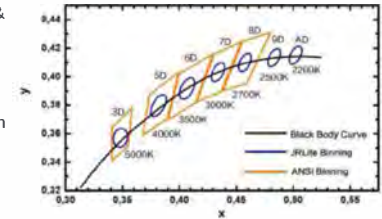


## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
LFS IQ	2760=2700K+6000K	5000=5M/196.85'	015=15W	F=FRONT
				S=SIDE
				B=BOTTOM

Example:  
LFS IQ-2760-1500-015-S:  
LEDLINE FLEX SIDE Tunable White,  
2700K+6000K, 1.5M/reel, 15W/M,  
Side cable entry.

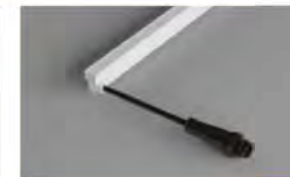
- 1.The product can be cut ONCE only and finish with end cap & glue, then IP rating drops to IP67.
- 2.Please make the cable connection out of water for underwater installation. It is 3 years warranty for underwater applications.
- 3.Standard cable length is 30cm, if you need cable longer than 30cm, please use our extension connector with 1m or 5m cable.
- 4.It is IK08 rated.



## VARIOUS CONNECTIONS



Front Cable Entry



Side Cable Entry

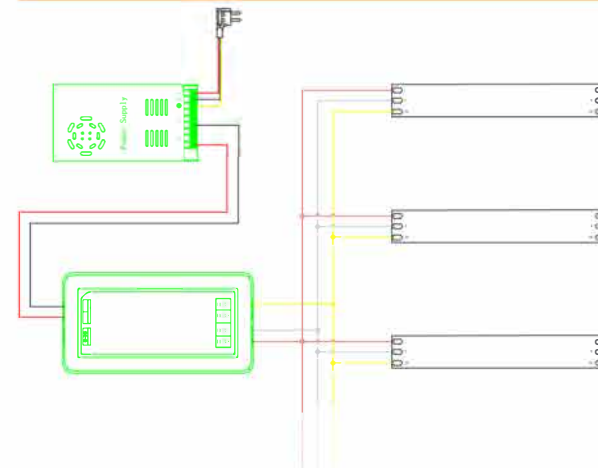
The cable could be perfectly hidden to achieve seamless light connection.



Bottom Cable Entry

The cable could be perfectly hidden to achieve seamless light connection.

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

7.5W/M (Single Color) - 5M Max. Single Run Length;  
15W/M - 5M Max. Single Run Length;  
The Strip is 5m/reel at most.

-Please contact us if >150W power supply is needed.



## ACCESSORIES



Aluminium Profile  
Order Code: AC012-AP  
Dimension: 1000x14.4x21.4mm/39.37"x0.57"x0.84"(LxWxH)  
Material: aluminium  
Color: silver



IP68 Connector - IQ  
Order Code: AD001-3  
Wire gauge: 1.0mm<sup>2</sup>/18AWG  
Protection: IP68(Mated)  
Mechanical operation: > 500 mating cycles  
Contact: brass, gold plating  
Material of housing: PA



Curved Profile  
Order Code: AC012-CR  
Dimension: 500x26.4x18mm/19.68"x1.04"x0.71"(LxWxH)  
Material: stainless steel  
Color: silver



Black Round PU Cable - IQ  
Order Code: AC098-3  
Wire gauge: 1mm<sup>2</sup>/18AWG  
MOQ: 100M/Roll



Mounting Clips  
Order Code: AC009-SET  
Dimension: 15x13.8x12.8mm/0.59"x0.54"x0.5"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter of LED strip needs  
3 clips + 3 screws + 2 end caps

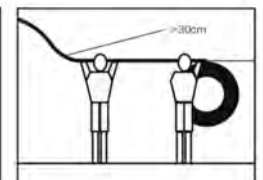
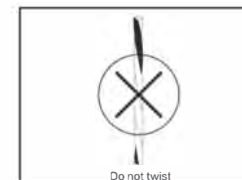
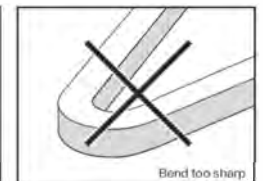
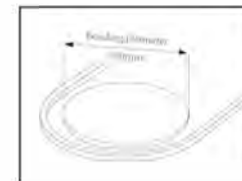
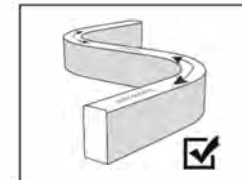


## APPLICATION

- Protected against water, dirt and corrosion and its high quality will last a lifetime.
- Designed for professional outdoor lighting they are an ideal match for all high-quality applications.
- Facade lighting, yacht lighting and landscape lighting.

## ADDITIONAL INFO.

- Please light it up for a quick check before installation.
- Bending diameter of LEDLINE FLEX SIDE is 300mm, do not bend to top direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- Warranty: All LED light are warranted to be free from defects in product itself for 5 years from the date of purchase.  
This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.



## CONTROLLER & DRIVER

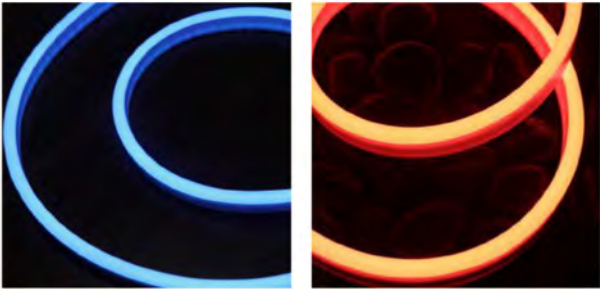


Order code: M2+M3-3A  
RF Controller 144W  
DC24V, 3A\*2Channel, Max 6A  
IP20, Support remote control.



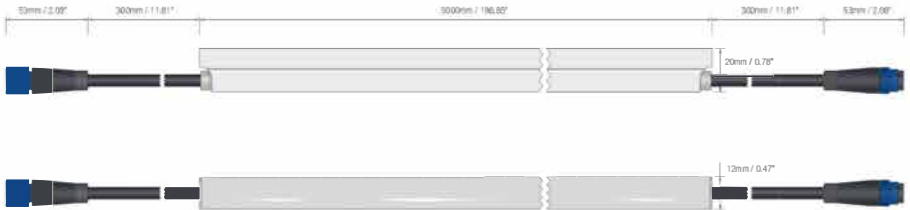
Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.

LEDLINE FLEX SIDE RGB



-LEDLINE FLEX SIDE RGB, DC24V. Cross section size 12mm x 20mm / 0.47" x 0.79" (W x H), which is horizontal bending with radius of 150mm / 5.9".  
-Thanks to full Polyurethane coating, it is IP68 protected, UV resistant, solvents resistant and saltwater temporary immersion.  
-ONE BIN only and dot free lighting effect guarantee the most excellent performance for indoor & outdoor applications.

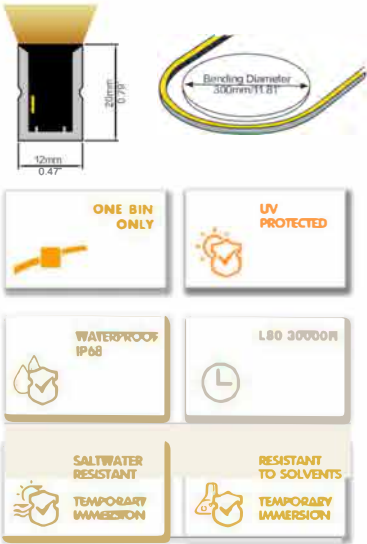
DIMENSION



Electrical data	
Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	T <sub>a min</sub> =-25°C /-13°F; T <sub>a max</sub> =45°C /113°F
Power(W/m W/ft)	10/3.1
Efficacy(lm/W)	24.1

CCT	LM/Mtr	Max. Watt	Max. Run Length	Unit Cut
R	61	3.3W/M	5M	71.43mm
G	150	3.3W/M	5M	71.43mm
B	35	3.3W/M	5M	71.43mm
RGB	241	10W/M	5M	71.43mm

Note:  
-The product delivery length is 5M/reel maximum. Max. run length refers to singleside feed in serial connection.  
-The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.  
-The given color temperature is the strip (after coating) color temperature.



ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
LFS RGB	RGB	5000=5M/196.85"	010=10W	F=FRONT
				S=SIDE
				B=BOTTOM

Example:  
LFS RGB-1500-010-S:  
LEDLINE FLEX SIDE RGB, 1.5M/reel,  
10W/M, Side cable entry.

- 1.The product can be cut ONCE only and finish with end cap & glue, then IP rating drops to IP67.
- 2.Please make the cable connection out of water for underwater installation. It is 3 years warranty for underwater applications.
- 3.Standard cable length is 30cm, if you need cable longer than 30cm, please use our extension connector with 1m or 5m cable.
- 4.It is IK08 rated.

VARIOUS CONNECTIONS



Front Cable Entry

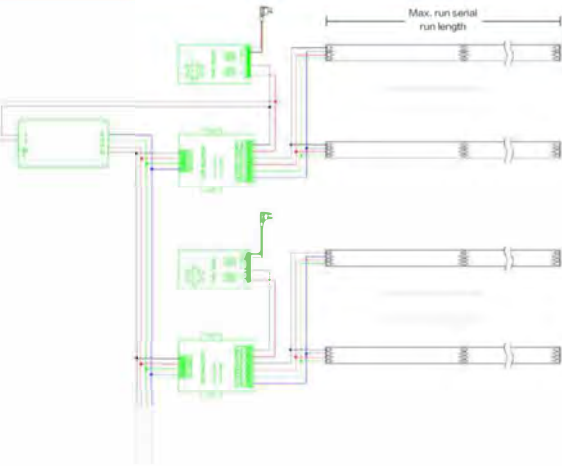


Side Cable Entry  
The cable could be perfectly hidden to achieve seamless light connection.



Bottom Cable Entry  
The cable could be perfectly hidden to achieve seamless light connection.

WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

10W/M - 5M Max. Single Run Length;  
The Strip is 5m/reel at most.

-Please contact us if >150W power supply is needed.



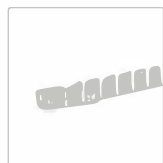
## ACCESSORIES



Aluminium Profile  
Order Code: AC012-AP  
Dimension: 1000x14.4x21.4mm/39.37"x0.57"x0.84"(LxWxH)  
Material: aluminium  
Color: silver



IP68 Connector - RGB  
Order Code: AD001-4  
Wire gauge: 1.0mm<sup>2</sup>/18AWG  
Protection: IP68(Mated)  
Mechanical operation: > 500 mating cycles  
Contact: brass, gold plating  
Material of housing: PA



Curved Profile  
Order Code: AC012-CR  
Dimension: 500x26.4x18mm/19.68"x1.04"x0.71"(LxWxH)  
Material: stainless steel  
Color: silver



Black Round PU Cable - RGB  
Order Code: AC098-4  
Wire gauge: 1mm<sup>2</sup>/18AWG  
MOQ: 100M/Roll



Mounting Clips  
Order Code: AC009-SET  
Dimension: 15x13.8x12.8mm/0.59"x0.54"x0.5"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter of LED strip needs  
3 clips + 3 screws + 2 end caps

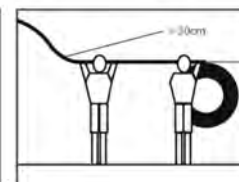
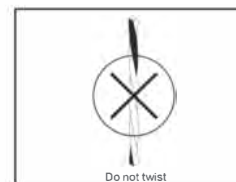
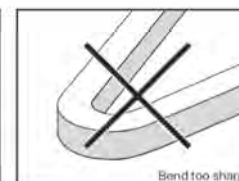
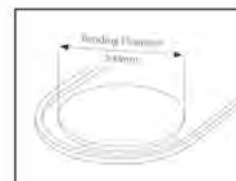
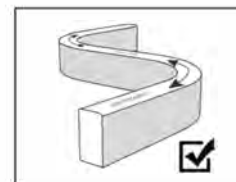


## APPLICATION

- ▶ Protected against water, dirt and corrosion and its high quality will last a lifetime.
- ▶ Designed for professional outdoor lighting they are an ideal match for all high-quality applications.
- ▶ Facade lighting, yacht lighting and landscape lighting.

## ADDITIONAL INFO.

- ▶ Please light it up for a quick check before installation.
- ▶ Bending diameter of LEDLINE FLEX SIDE is 300mm, do not bend to top direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- ▶ During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- ▶ Warranty: All LED light are warranted to be free from defects in product itself for 3 years from the date of purchase.  
This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.



## CONTROLLER & DRIVER



Order code: M6+M3-3A  
RF Controller 216W  
DC24V, 3A\*3Channel, Max 9A  
IP20, Support remote control.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



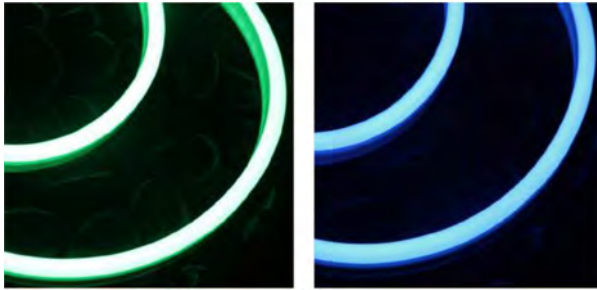
Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.



## LEDLINE FLEX SIDE RGBW



-LEDLINE FLEX SIDE RGBW, DC24V. Cross section size 12mm x 20mm / 0.47" x 0.79" (W x H), which is horizontal bending with radius of 150mm / 5.9".  
-Thanks to full Polyurethane coating, it is IP68 protected, UV resistant, solvents resistant and saltwater temporary immersion.  
-ONE BIN only and dot free lighting effect guarantee the most excellent performance for indoor & outdoor applications.

## DIMENSION



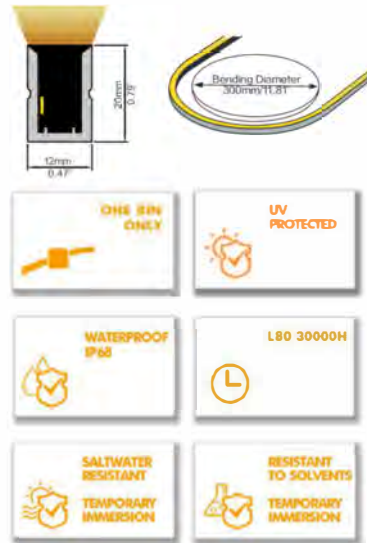
### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> ; 60°C /140°F <sub>max</sub>
Ambient Temperature	T <sub>a min</sub> =-25°C /-13°F; T <sub>a max</sub> =35°C /95°F@15W T <sub>a max</sub> =50°C /122°F@3.75W(Single Color)
Power(W/m W/ft)	15/4.6
Efficacy(lm/W)	28.6

CCT	LM/Mtr	Max. Watt	Max. Run Length	Unit Cut
R	52	3.75W/M	5M	71.43mm
G	155	3.75W/M	5M	71.43mm
B	36	3.75W/M	5M	71.43mm
W27	206	3.75W/M	5M	71.43mm
W30	198	3.75W/M	5M	71.43mm
W40	209	3.75W/M	5M	71.43mm
W65	202	3.75W/M	5M	71.43mm
RGBW40	429	15W/M	5M	71.43mm

### Note:

- The product delivery length is 5M/reel maximum. Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the strip (after coating) color temperature.



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
LFS RGBW	27=2700K	5000=5M/196.85"	015=15W	F=FRONT
	30=3000K			S=SIDE
	40=4000K			B=BOTTOM
	65=6500K			

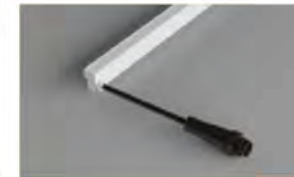
Example:  
LFS RGBW30-1500-015-S:  
LEDLINE FLEX SIDE RGBW3000K,  
1.5M/reel, 15W/M, Side cable entry.

- 1.The product can be cut ONCE only and finish with end cap & glue, then IP rating drops to IP67.
- 2.Please make the cable connection out of water for underwater installation. It is 3 years warranty for underwater applications.
- 3.Standard cable length is 30cm, if you need cable longer than 30cm, please use our extension connector with 1m or 5m cable.
- 4.It is IK08 rated.

## VARIOUS CONNECTIONS



Front Cable Entry

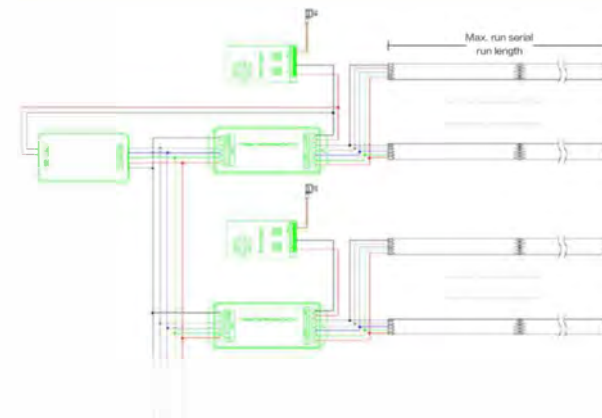


**Side Cable Entry**  
The cable could be perfectly hidden to achieve seamless light connection.



**Bottom Cable Entry**  
The cable could be perfectly hidden to achieve seamless light connection.

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

15W/M - 5M Max. Single Run Length;  
The Strip is 5m/reel at most.

-Please contact us if >150W power supply is needed.

## ACCESSORIES



Aluminium Profile  
Order Code: AC012-AP  
Dimension: 1000x14.4x21.4mm/39.37"x0.57"x0.84"(LxWxH)  
Material: aluminium  
Color: silver



IP68 Connector - RGBW  
Order Code: AD001-5  
Wire gauge: 1.0mm<sup>2</sup>/18AWG  
Protection: IP68(Mated)  
Mechanical operation: > 500 mating cycles  
Contact: brass, gold plating  
Material of housing: PA



Curved Profile  
Order Code: AC012-CR  
Dimension: 500x26.4x18mm/19.68"x1.04"x0.71"(LxWxH)  
Material: stainless steel  
Color: silver



Black Round PU Cable - RGBW  
Order Code: AC098-4  
Wire gauge: 1mm<sup>2</sup>/18AWG  
MOQ: 100M/Roll



Mounting Clips  
Order Code: AC009-SET  
Dimension: 15x13.8x12.8mm/0.59"x0.54"x0.5"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter of LED strip needs  
3 clips + 3 screws + 2 end caps

## CONTROLLER & DRIVER



Order code: M4+M4-3A  
RF Controller 288W  
DC24V, 3A\*4Channel, Max 12A  
IP20, Support remote control.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

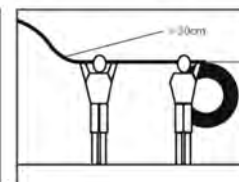
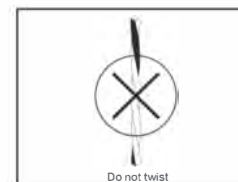
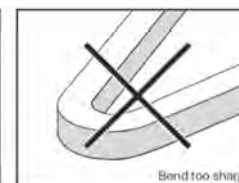
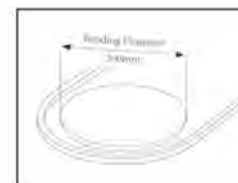
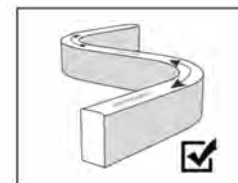


## APPLICATION

- ▶ Protected against water, dirt and corrosion and its high quality will last a lifetime.
- ▶ Designed for professional outdoor lighting they are an ideal match for all high-quality applications.
- ▶ Facade lighting, yacht lighting and landscape lighting.

## ADDITIONAL INFO.

- ▶ Please light it up for a quick check before installation.
- ▶ Bending diameter of LEDLINE FLEX SIDE is 300mm, do not bend to top direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- ▶ During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- ▶ Warranty: All LED light are warranted to be free from defects in product itself for 3 years from the date of purchase.  
This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.



---

## LEDLINE FLEX MINI

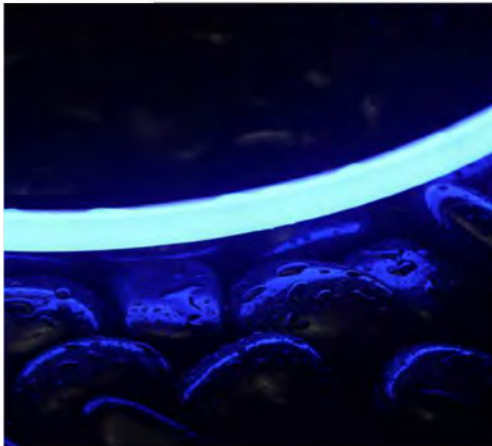
---

### Application Breakthrough

LEDLINE FLEX MINI is all-in-one final solution for dot-free linear light.

LEDLINE FLEX MINI = Homogeneous light

It's time to say goodbye to traditional combination - Aluminium profile + IP20 strips + PC cover.



Unique 3-side emitting and small bending diameter make your project easy and pleasurable. It is user-friendly, cost-effective and no maintenance required.

Cooperating with different accessories, LEDLINE FLEX MINI could adjust itself to meet multifarious applications.



LEDLINE FLEX MINI is IP68, durable, waterproof, saltwater resistant and no chemical reaction, no smelling, no yellowish feature, which could perfectly be used in bedroom, bathroom, living room, kitchen, etc.



## LEDLINE FLEX MINI WHT



–LEDLINE FLEX MINI WHT, DC24V. Cross section size 10mm x 10mm / 0.39" x 0.39" (W x H), 3 side emitting, which is vertical bending with radius of 75mm / 2.95".  
 –Thanks to full Polyurethane coating, it is IP68 protected, UV resistant, solvents resistant and saltwater temporary immersion.  
 –2-Step MacAdam bin and dot free lighting effect guarantee the most excellent performance for indoor & outdoor applications.

## DIMENSION



### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	T <sub>amb</sub> =-25°C /-13°F, T <sub>max</sub> (Table below)
CRI	Ra90

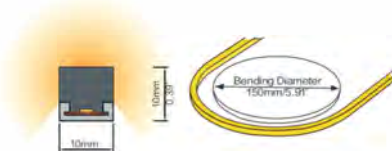
Ledline Flex Mini	Low output	STD output
Power(W/m W/ft)	5/1.5	10/3.1
Efficacy(lm/W) @4000K	81.2	78.9
Max. Ambient temp.(T <sub>amb</sub> )	50°C /122°F	45°C /113°F

(Lm/m)

CCT	2700K	3000K	3500K	4000K	6000K	Max. Run Length	Unit Cut
Power							
5W/M	336	346	337	406	376	19M	41.67mm
*10W/M	715	788	784	789	749	12M	41.67mm

Note:

- When ambient temperature reaches 50°C, the power is suggested to be 5W/M.
- The product delivery length is 5M/reel maximum. Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the strip (after coating) color temperature.

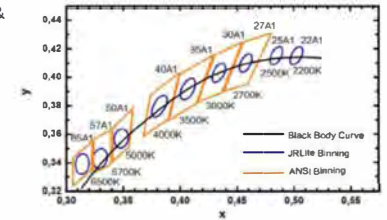


## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
LFM WHT	27=2700K	5000=5M/196.85'	005=5W	F=FRONT
	30=3000K		010=10W	
	35=3500K			
	40=4000K			
	60=6000K			

Example:  
 LFM WHT-30-1500-010-F:  
 LEDLINE FLEX MINI WHT, 3000K,  
 1.5M/reel, 10W/M, Front cable entry.

- 1.The product can be cut ONCE only and finish with end cap & glue, then IP rating drops to IP67.
- 2.Please make the cable connection out of water for underwater installation. It is 3 years warranty for underwater applications.
- 3.Standard length for JST connector is 30cm, if you need cable length longer than 30cm, please choose open cable way.
- 4.The product is no IK-Rated, please don't walk on it without protection.



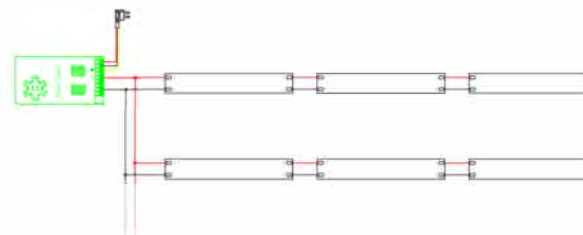
## CONNECTION



–The connection for LEDLINE FLEX MINI is only front cable entry available due to its tiny size & “all in one” production technology.

–If you still need bottom or side cable entry way, you can consider our LEDLINE ASTON 1212 IP67 neon version- LEDLINE ASTON 1212(Pls find page104–page107).

## WIRING DIAGRAM



–Maximum single run length depends on the wattage of power supply and LED Strip:

5W/M – 19M Max. Single Run Length;  
 10W/M – 12M Max. Single Run Length;  
 The Strip is 5m/reel at most.

–Please contact us if >150W power supply is needed.

## ACCESSORIES



Aluminium Profile  
Order Code: AC010-AP  
Dimension: 1000x12.4x12.9mm/39.37"x0.49"x0.51"(LxWxH)  
Material: aluminium  
Color: silver



IP67 Connector 2Pin  
Order code: AD002-2  
Wire gauge: 0.33mm<sup>2</sup>/22AWG  
Protection: IP67 (Mated)



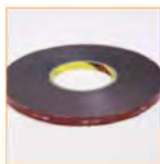
PC Profile  
Order Code: AC010-PC  
Dimension: 1000x12.5x14.6mm/39.37"x0.49"x0.57"(LxWxH)  
Material: polycarbonate  
Color: transparent



White Flat PU Cable-WHT  
Order code: AC009-2  
Wire gauge: 0.52mm<sup>2</sup>/20AWG  
MOQ: 100M/Roll



Mounting Clips  
Order Code: AC005-SET  
Dimension: 8x12.1x7.7mm/0.31"x0.48"x0.3"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter of LED strip needs  
3 clips + 3 screws + 2 end caps



3M VHB Tape  
Order code: AE004-VHB  
Width: 10mm  
Length: 33 meters/reel

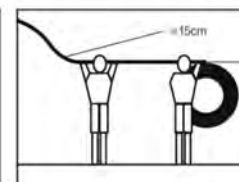
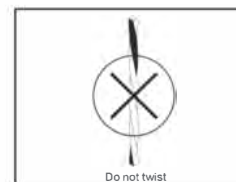
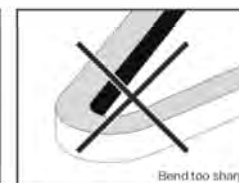
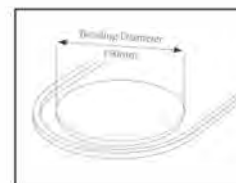
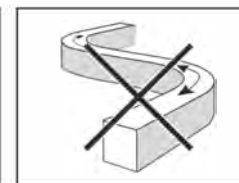
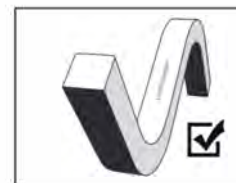


## APPLICATION

- ▶ IP68 protection with full Polyurethane encapsulation. With PC profile, perfect for underwater applications like swimming pools.
- ▶ Ideal for marine lighting, yacht lighting, cabin lighting.
- ▶ Grand hotel, apartment, lobby hall.
- ▶ Fits for shopping mall, flagship store, restaurant.

## ADDITIONAL INFO.

- ▶ Please light it up for a quick check before installation.
- ▶ Bending diameter of LEDLINE FLEX MINI is 150mm, do not bend to side direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- ▶ During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- ▶ Warranty: All LED light are warranted to be free from defects in product itself for 5 years from the date of purchase.  
This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.



## DRIVER



Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification  
Indoor use only.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



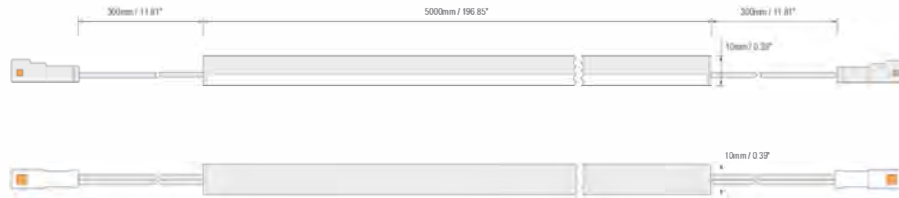
Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

## LEDLINE FLEX MINI IQ



-LEDLINE FLEX MINI IQ, DC24V. Cross section size 10mm x 10mm / 0.39" x 0.39" (W x H), 3 side emitting, which is vertical bending with radius of 75mm / 2.95".  
-Thanks to full Polyurethane coating, it is IP68 protected, UV resistant, solvents resistant and saltwater temporary immersion.  
-3-Step MacAdam bin and dot free lighting effect guarantee the most excellent performance for indoor & outdoor applications.

## DIMENSION



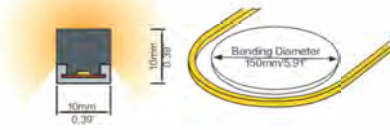
### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C / 149°F
Storage Temperature	-25°C / -13°F <sub>min</sub> , 60°C / 140°F <sub>max</sub>
Ambient Temperature	T <sub>a min</sub> = -25°C / -13°F; T <sub>a max</sub> = 45°C / 113°F @ 10W T <sub>a max</sub> = 50°C / 122°F @ 5W (Single Color)
CRI	Ra92
Power(W/m W/ft)	10/3.1
Efficacy(lm/W) @6000K	80

CCT	LM/Mtr	Max. Watt	Max. Run Length	Unit Cut
2700K	432	5W/M	5M	50mm
6000K	462	5W/M	5M	50mm
2700K+6000K	886	10W/M	5M	50mm

### Note:

- The product delivery length is 5M/reel maximum. Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the strip (after coating) color temperature.

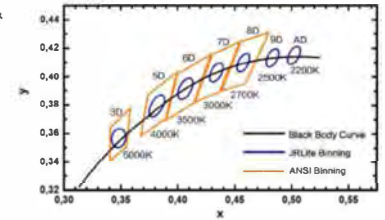


## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
LFM IQ	2760=2700K+6000K	5000=5M/196.85"	010=10W	F=FRONT

Example:  
LFM IQ 2760-1500-010-F:  
LEDLINE FLEX MINI Tunable White,  
2700K+6000K, 1.5M/reel, 10W/M,  
Front cable entry.

- 1.The product can be cut ONCE only and finish with end cap & glue, then IP rating drops to IP67.
- 2.Please make the cable connection out of water for underwater installation. It is 3 years warranty for underwater applications.
- 3.Standard length for JST connector is 30cm, if you need cable length longer than 30cm, please choose open cable way.
- 4.The product is no IK-Rated, please don't walk on it without protection.



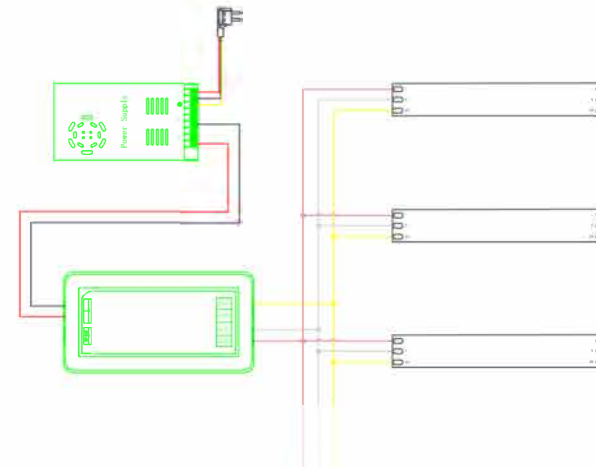
## CONNECTION



-The connection for LEDLINE FLEX MINI is only front cable entry available due to its tiny size & "all in one" production technology.

-If you still need bottom or side cable entry way, you can consider our LEDLINE ASTON 1212 IP67 neon version- LEDLINE ASTON 1212(Pls find page108-page111).

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

5W/M (Single Color) - 5M Max. Single Run Length;  
10W/M - 5M Max. Single Run Length;  
The Strip is 5m/reel at most.

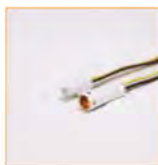
-Please contact us if >150W power supply is needed.



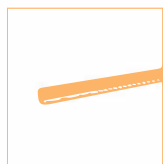
## ACCESSORIES



Aluminium Profile  
Order Code: AC010-AP  
Dimension: 1000x12.4x12.9mm/39.37"x0.49"x0.51"(LxWxH)  
Material: aluminium  
Color: silver



IP67 Connector-IQ  
Order Code: AD002-3  
Wire gauge: 0.33mm<sup>2</sup>/22AWG  
Protection: IP67(Mated)



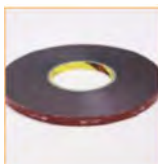
PC Profile  
Order Code: AC010-PC  
Dimension: 1000x12.5x14.6mm/39.37"x0.49"x0.57"(LxWxH)  
Material: polycarbonate  
Color: transparent



White Flat PU Cable-IQ  
Order Code: AC009-3  
Wire gauge: 0.52mm<sup>2</sup>/20AWG  
MOQ: 100M/Roll



Mounting Clips  
Order Code: AC005-SET  
Dimension: 8x12.1x7.7mm/0.31"x0.48"x0.3"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter of LED strip needs  
3 clips + 3 screws + 2 end caps



3M VHB Tape  
Order Code: AE004-VHB  
Width: 10mm  
Length: 33 meters/reel

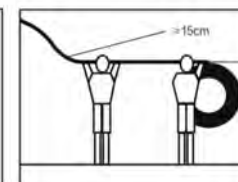
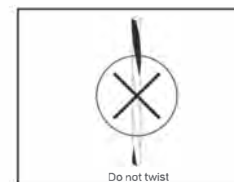
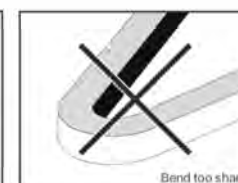
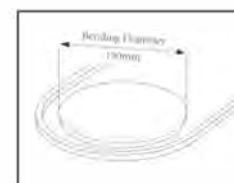
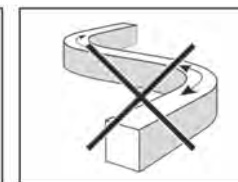


## APPLICATION

- Designed to create an appropriate atmosphere by the color and light adjustment from 2700K to 6000K.
- Activate harmonious dynamic lighting scenes.
- Living room, coherence room, banquet hall.
- Functional combined solution.

## ADDITIONAL INFO.

- Please light it up for a quick check before installation.
- Bending diameter of LEDLINE FLEX MINI is 150mm, do not bend to side direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- Warranty: All LED light are warranted to be free from defects in product itself for 5 years from the date of purchase.  
This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.



## CONTROLLER & DRIVER

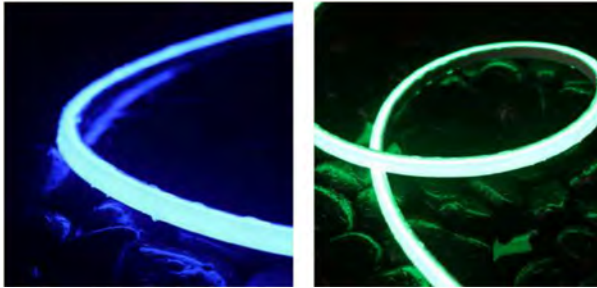


Order code: M2+M3-3A  
RF Controller 144W  
DC24V, 3A\*2Channel, Max 6A  
IP20, Support remote control.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.

## LEDLINE FLEX MINI RGB



-LEDLINE FLEX MINI RGB, DC24V. Cross section size 10mm x 10mm / 0.39" x 0.39" (W x H), 3 side emitting, which is vertical bending with radius of 75mm / 2.95".

-Thanks to full Polyurethane coating, it is IP68 protected, UV resistant, solvents resistant and saltwater temporary immersion.

-ONE BIN only and dot free lighting effect guarantee the most excellent performance for indoor & outdoor applications.

## DIMENSION



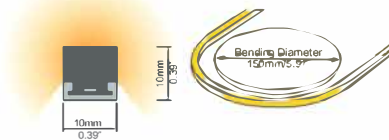
### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> ; 60°C /140°F <sub>max</sub>
Ambient Temperature	T <sub>a min</sub> = -25°C /-13°F; T <sub>a max</sub> = 45°C /113°F
Power(W/m W/ft)	10/3.1
Efficacy(lm/W)	39

CCT	LM/Mtr	Max. Watt	Max. Run Length	Unit Cut
R	85	3.3W/M	5M	50mm
G	256	3.3W/M	5M	50mm
B	50	3.3W/M	5M	50mm
RGB	390	10W/M	5M	50mm

### Note:

- The product delivery length is 5M/reel maximum. Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the strip (after coating) color temperature.



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
LFM RGB	RGB	5000=5M/196.85'	010=10W	F=FRONT

Example:  
LFM RGB-1500-010-F:  
LEDLINE FLEX MINI RGB, 1.5M/reel,  
10W/M, Front cable entry.

- 1.The product can be cut ONCE only and finish with end cap & glue, then IP rating drops to IP67.
- 2.Please make the cable connection out of water for underwater installation. It is 3 years warranty for underwater applications.
- 3.Standard length for JST connector is 30cm, if you need cable length longer than 30cm, please choose open cable way.
- 4.The product is no IK-Rated, please don't walk on it without protection.

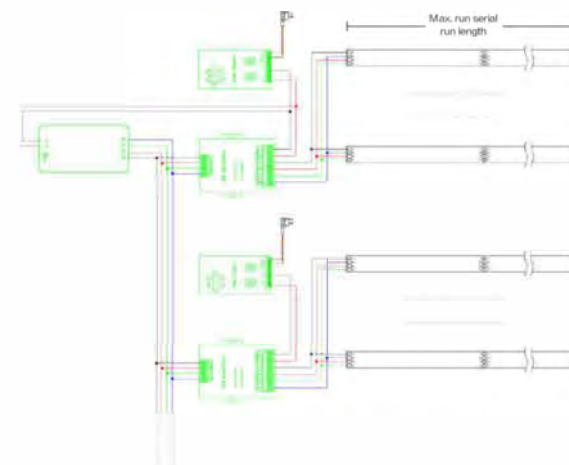
## CONNECTION



-The connection for LEDLINE FLEX MINI is only front cable entry available due to its tiny size & "all in one" production technology.

-If you still need bottom or side cable entry way, you can consider our LEDLINE ASTON 1212 IP67 neon version- LEDLINE ASTON 1212(Pls find page112~page115).

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

10W/M - 5M Max. Single Run Length;  
The Strip is 5m/reel at most.

-Please contact us if >150W power supply is needed.



## ACCESSORIES



Aluminium Profile  
Order Code: AC010-AP  
Dimension: 1000x12.4x12.9mm/39.37"x0.49"x0.51"(LxWxH)  
Material: aluminium  
Color: silver



IP67 Connector-RGB  
Order Code: AD002-4  
Wire gauge: 0.33mm<sup>2</sup>/22AWG  
Protection: IP67 (Mated)



PC Profile  
Order Code: AC010-PC  
Dimension: 1000x12.5x14.6mm/39.37"x0.49"x0.57"(LxWxH)  
Material: polycarbonate  
Color: transparent



White Flat PU Cable-RGB  
Order Code: AC009-4  
Wire gauge: 0.52mm<sup>2</sup>/20AWG  
MOQ: 100M/Roll



Mounting Clips  
Order Code: AC005-SET  
Dimension: 8x12.1x7.7mm/0.31"x0.48"x0.3"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter of LED strip needs  
3 clips + 3 screws + 2 end caps



3M VHB Tape  
Order Code: AE004-VHB  
Width: 10mm  
Length: 33 meters/reel



DMX  
Order code: AE003-DMX  
Input Signal: DMX512, RDM  
Input Voltage: 12 ~ 24V DC  
Max Current Load: 6A x 3CH  
Max. 18A  
Max Output Power:  
(0~72W...144W) x 3CH  
Max.432W  
DMX512 Socket: RJ45  
Dimension: 175x42x33mm  
(LxWxH)

## CONTROLLER & DRIVER



Order code: M6+M3-3A  
RF Controller 216W  
DC24V, 3A\*3Channel, Max 9A  
IP20, Support remote control.



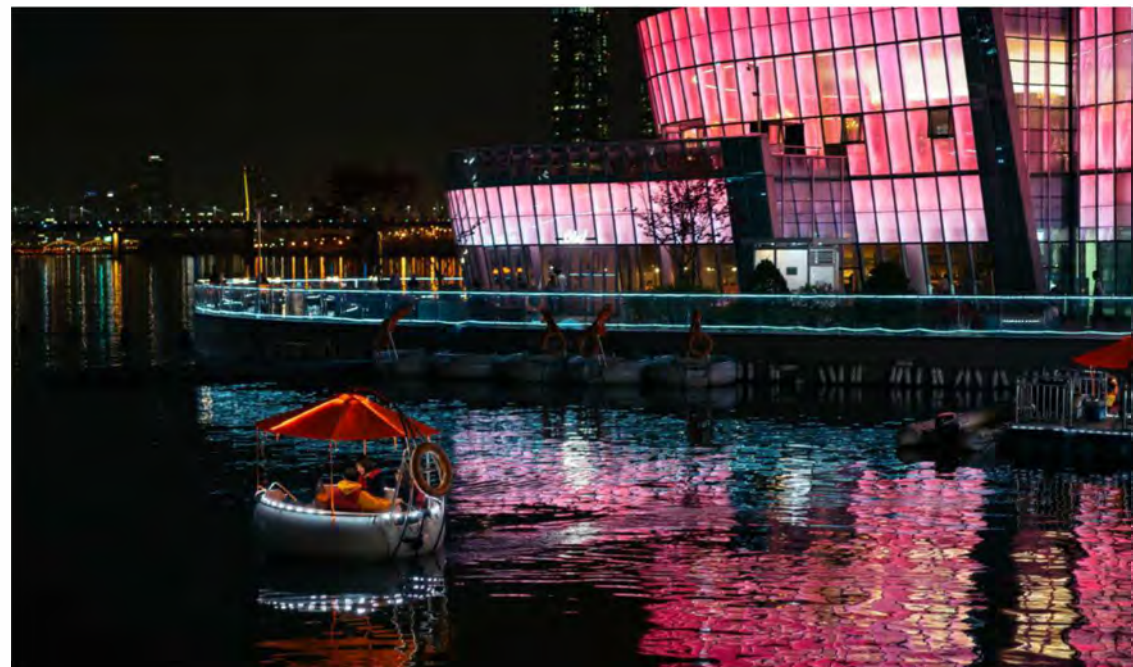
Order code: XLG-150-24-A  
AC100~305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100~305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0~10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100~305V DC24V 150W  
IP67, Global certification  
Dali control technology.

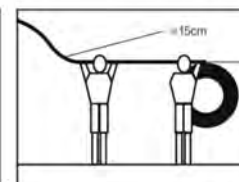
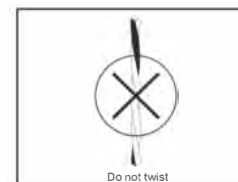
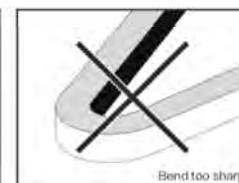
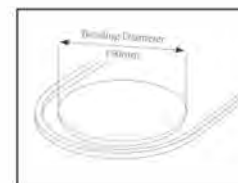
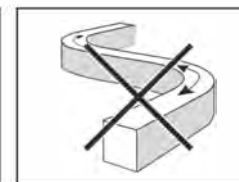


## APPLICATION

- ▶ Colorful lighting for concerts, cinema, kursaal.
- ▶ Theme park, recreation ground, resort, club.
- ▶ Entertaining linear elements.
- ▶ PC profile, aluminium profile and mounting clips are optional for installation.

## ADDITIONAL INFO.

- ▶ Please light it up for a quick check before installation.
- ▶ Bending diameter of LEDLINE FLEX MINI is 150mm, do not bend to side direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- ▶ During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- ▶ Warranty: All LED light are warranted to be free from defects in product itself for 3 years from the date of purchase.  
This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.



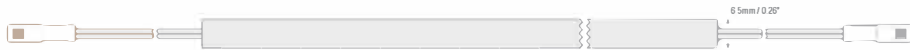


## LEDLINE FLEX SINI WHT



-LEDLINE FLEX SINI WHT, DC24V. Cross section size 6.5mm x 12mm / 0.26" x 0.47" (W x H), which is horizontal bending with radius of 30mm / 1.18".  
 -Thanks to full polyurethane coating, it is IP68 protected, UV resistant, solvents resistant and saltwater temporary immersion.  
 -2-Step MacAdam bin and dot free lighting effect guarantee the most excellent performance for indoor & outdoor applications.

## DIMENSION



### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
Ambient Temperature	Ta <sub>min</sub> =-25°C /-13°F, Ta <sub>max</sub> (Table below)
CRI	Ra92

LEDline Flex Sini	STD output
Power(W/m W/ft)	8/2.4
Efficacy(lm/W) @4000K	59.6
Max. Ambient tempt.(Ta <sub>max</sub> )	45°C /113°F

(Lm/m)

CCT	2700K	3000K	3500K	4000K	5700K	Max. Run Length	Unit Cut
Power	448	462	460	477	451	5M	50mm
*8W/M							

Note:

- The product delivery length is 5M/reel maximum. Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the strip (after coating) color temperature.

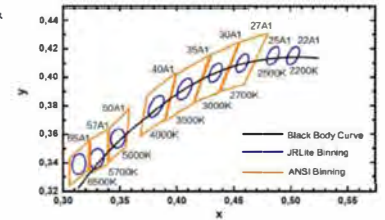


## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
LFSM WHT	27=2700K	5000=5M/196.85"	008=8W	F=FRONT
	30=3000K			
	35=3500K			
	40=4000K			
	57=5700K			

Example:  
 LFSM WHT-30-1500-008-F:  
 LEDLINE FLEX SINI WHT, 3000K,  
 1.5M/reel, 8W/M, Front cable entry.

- 1.The product can be cut ONCE only and finish with end cap & glue, then IP rating drops to IP67.
- 2.Please make the cable connection out of water for underwater installation. It is 3 years warranty for underwater applications.
- 3.Standard length for JST connector is 30cm, if you need cable length longer than 30cm, please choose open cable way.
- 4.The product is no IK-Rated, please don't walk on it without protection.



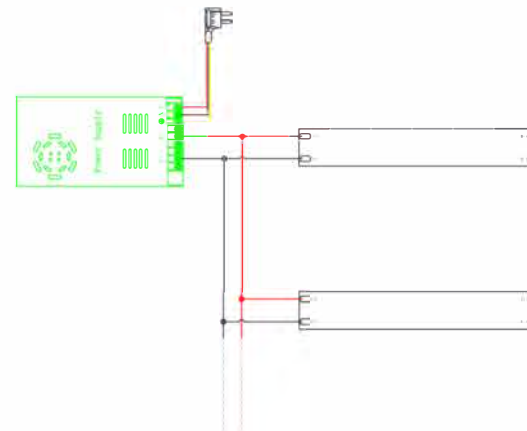
## CONNECTION



-The connection for LEDLINE FLEX SINI is only front cable entry available due to its tiny size & "all in one" production technology.

-If you still need bottom or side cable entry way, you can consider our LEDLINE ASTON 0612 IP67 neon version- LEDLINE ASTON 0612 (Pls find page124-page127).

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

8W/M - 5M Max. Single Run Length;  
 The Strip is 5m/reel at most.

-Please contact us if >150W power supply is needed.

## ACCESSORIES



Aluminium Profile  
Order Code: AC028-AP  
Dimension: 1000x8.9x13.2mm/  
39.37"x0.35"x0.52"(LxWxH)  
Material: aluminium  
Color: silver



IP67 Connector -WHT  
Order Code: AD003-2  
Wire gauge: 0.33mm<sup>2</sup>/22AWG  
Protection: IP67 (Mated)



Curved Profile  
Order Code: AC028-CR  
Dimension: 500x20.5x12mm/3  
9.37"x0.81"x0.47"(LxWxH)  
Material: stainless steel  
Color: silver



Mounting Clips  
Order Code: AC029-SET  
Dimension: 15x8.1x10.3mm/  
0.59"x0.32"x0.41"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter of LED strip needs  
3 clips + 3 screws + 2 end caps

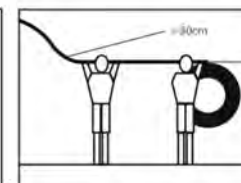
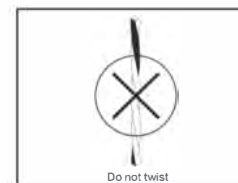
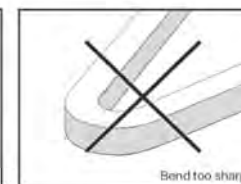
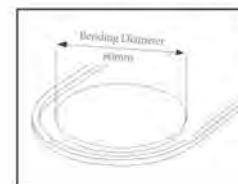
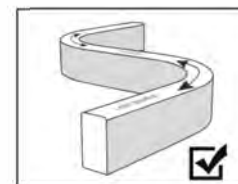


## APPLICATION

- ▶ IP68 protection with full Polyurethane encapsulation. With Curved profile, perfect for shaped designs for projects.
- ▶ Ideal for marine lighting, yacht lighting, cabin lighting.
- ▶ Grand hotel, apartment, lobby hall.
- ▶ Fits for shopping mall, flagship store, restaurant.

## ADDITIONAL INFO.

- ▶ Please light it up for a quick check before installation.
- ▶ Bending diameter of LEDLINE FLEX SINI is 60mm, do not bend to side direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- ▶ During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- ▶ Warranty: All LED light are warranted to be free from defects in product itself for 5 years from the date of purchase.  
This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.



## DRIVER



Order code: LRS-150-24  
85-132VAC/170-264VAC  
by switch DC24V 150W  
IP20, global certification  
Indoor use only.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

## LEDLINE FLEX SINI IQ



-LEDLINE FLEX SINI IQ, DC24V. Cross section size 6.5mm x 12mm / 0.26" x 0.47" (W x H), which is horizontal bending with radius of 30mm / 1.18".  
-Thanks to full Polyurethane coating, it is IP68 protected, UV resistant, solvents resistant and saltwater temporary immersion.  
-3-Step MacAdam bin and dot free lighting effect guarantee the most excellent performance for indoor & outdoor applications.

## DIMENSION



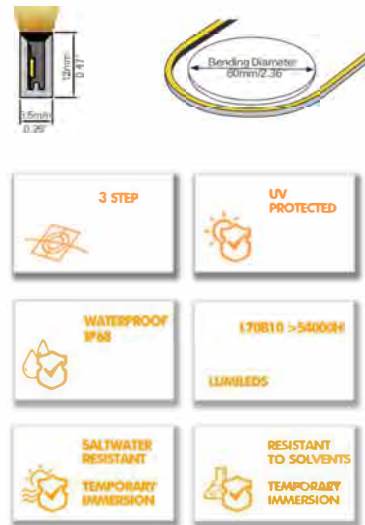
### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C / 149°F
Storage Temperature	-25°C / -13°F <sub>min</sub> , 60°C / 140°F <sub>max</sub>
Ambient Temperature	T <sub>a min</sub> = -25°C / -13°F; T <sub>a max</sub> = 45°C / 113°F @ 8W T <sub>a max</sub> = 50°C / 122°F @ 4W (Single Color)
CRI	Ra80
Power(W/m W/ft)	8/2.4
Efficacy(lmW) @5700K	40.75

CCT	LMMtr	Max. Watt	Max. Run Length	Unit Cut
2700K	162	4W/M	5M	50mm
5700K	163	4W/M	5M	50mm
2700K+5700K	323	8W/M	5M	50mm

### Note:

- The product delivery length is 5M/reel maximum. Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the strip (after coating) color temperature.

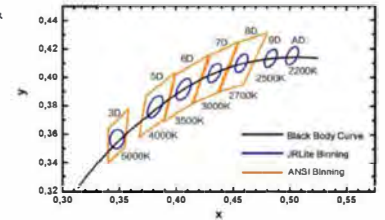


## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
LFSM IQ	2757=2700K+5700K	5000=5M/196.85"	008=8W	F=FRONT

Example:  
LFM IQ 2757-1500-008-F:  
LEDLINE FLEX SINI Tunable White, 2700K+5700K, 1.5M/reel, 8W/M, Front cable entry.

- 1.The product can be cut ONCE only and finish with end cap & glue, then IP rating drops to IP67.
- 2.Please make the cable connection out of water for underwater installation. It is 3 years warranty for underwater applications.
- 3.Standard length for JST connector is 30cm, if you need cable length longer than 30cm, please choose open cable way.
- 4.The product is no IK-Rated, please don't walk on it without protection.



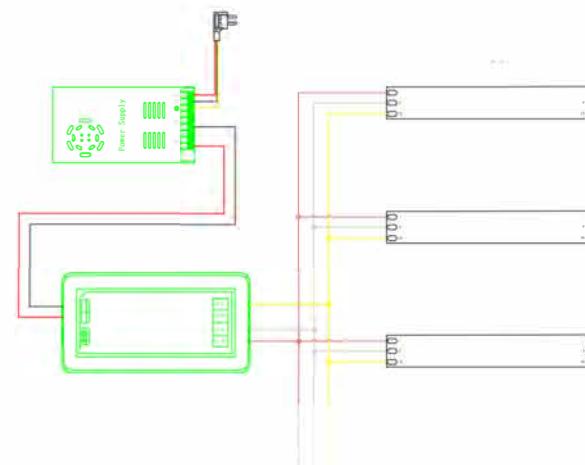
## CONNECTION



-The connection for LEDLINE FLEX SINI is only front cable entry available due to its tiny size & "all in one" production technology.

-If you still need bottom or side cable entry way, you can consider our LEDLINE ASTON 0612 IP67 neon version- LEDLINE ASTON 0612 (Pls find page128-page131).

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

4W/M (Single Color) - 5M Max. Single Run Length;  
8W/M - 5M Max. Single Run Length;  
The Strip is 5m/reel at most.

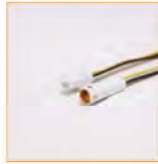
-Please contact us if >150W power supply is needed.



## ACCESSORIES



Aluminium Profile  
Order Code: AC028-AP  
Dimension: 1000x8.9x13.2mm/  
39.37"x0.35"x0.52"(LxWxH)  
Material: aluminium  
Color: silver



IP67 Connector -IQ  
Order Code: AD003-3  
Wire gauge: 0.33mm<sup>2</sup>/22AWG  
Protection: IP67(Mated)



Curved Profile  
Order Code: AC028-CR  
Dimension: 500x20.5x12mm/3  
9.37"x0.81"x0.47"(LxWxH)  
Material: stainless steel  
Color: silver



Mounting Clips  
Order Code: AC029-SET  
Dimension: 15x8.1x10.3mm/  
0.59"x0.32"x0.41"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter of LED strip needs  
3 clips + 3 screws + 2 end caps

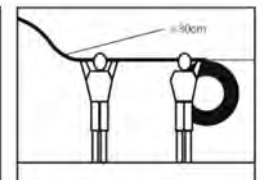
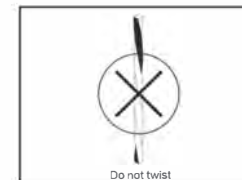
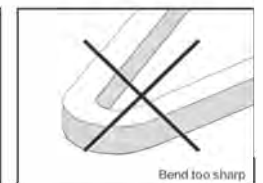
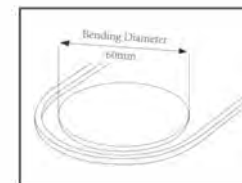
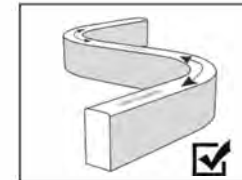


## APPLICATION

- Designed to create an appropriate atmosphere by the color and light adjustment from 2700K to 5700K.
- Activate harmonious dynamic lighting scenes.
- Living room, coherence room, banquet hall.
- Functional combined solution.

## ADDITIONAL INFO.

- Please light it up for a quick check before installation.
- Bending diameter of LEDLINE FLEX SINI is 60mm, do not bend to side direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- Warranty: All LED light are warranted to be free from defects in product itself for 5 years from the date of purchase.  
This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.



## CONTROLLER & DRIVER



Order code: M2+M3-3A  
RF Controller 144W  
DC24V, 3A\*2Channel, Max 6A  
IP20, Support remote control.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.

## LEDLINE FLEX SINI RGB



-LEDLINE FLEX SINI RGB, DC24V. Cross section size 6.5mm x 12mm / 0.26" x 0.47" (W x H), which is horizontal bending with radius of 30mm / 1.18".  
-Thanks to full Polyurethane coating, it is IP68 protected, UV resistant, solvents resistant and saltwater temporary immersion.  
-ONE BIN only and dot free lighting effect guarantee the most excellent performance for indoor & outdoor applications.

## DIMENSION



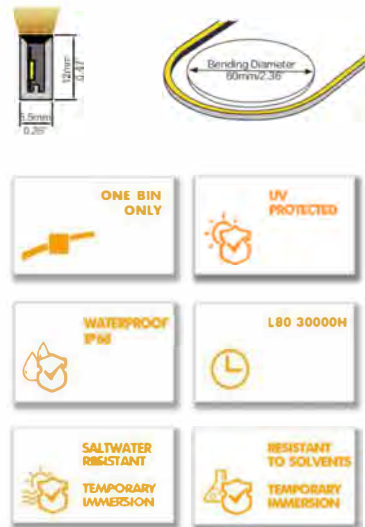
### Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°F <sub>min</sub> ; 60°C /140°F <sub>max</sub>
Ambient Temperature	T <sub>amb</sub> =-25°C /-13°F; T <sub>a</sub> <sub>max</sub> =45°C /113°F
Power(W/m W/ft)	8/2.4
Efficacy(lm/W)	17.8

CCT	LM/Mtr	Max. Watt	Max. Run Length	Unit Cut
R	32	2.7W/M	5M	50mm
G	93	2.7W/M	5M	50mm
B	20	2.7W/M	5M	50mm
RGB	142	8W/M	5M	50mm

### Note:

- The product delivery length is 5M/reel maximum. Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the strip (after coating) color temperature.



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
LFSM RGB	RGB	5000=5M/196.85"	008=8W	F=FRONT

Example:  
LFSM RGB-1500-008-F:  
LEDLINE FLEX SINI RGB, 1.5M/reel, 8W/M, Front cable entry.

- 1.The product can be cut ONCE only and finish with end cap & glue, then IP rating drops to IP67.
- 2.Please make the cable connection out of water for underwater installation. It is 3 years warranty for underwater applications.
- 3.Standard length for JST connector is 30cm, if you need cable length longer than 30cm, please choose open cable way.
- 4.The product is no IK-Rated, please don't walk on it without protection.

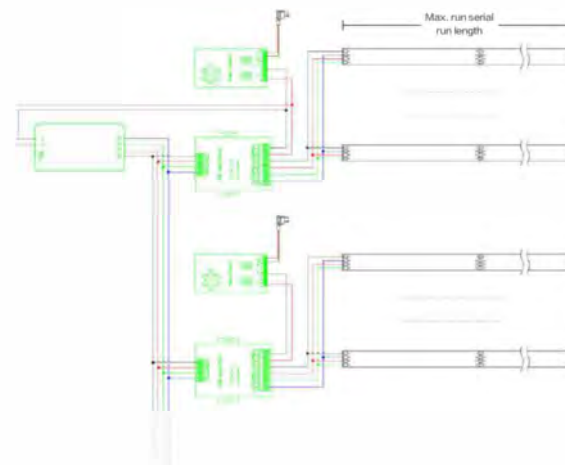
## CONNECTION



-The connection for LEDLINE FLEX SINI is only front cable entry available due to its tiny size & "all in one" production technology.

-If you still need bottom or side cable entry way, you can consider our LEDLINE ASTON 0612 IP67 neon version- LEDLINE ASTON 0612 (Pls find page132-page135).

## WIRING DIAGRAM



-Maximum single run length depends on the wattage of power supply and LED Strip:

8W/M - 5M Max. Single Run Length;  
The Strip is 5m/reel at most.

-Please contact us if >150W power supply is needed.



## ACCESSORIES



Aluminium Profile  
Order Code: AC028-AP  
Dimension: 1000x8.9x13.2mm/  
39.37"x0.35"x0.52"(LxWxH)  
Material: aluminium  
Color: silver



IP67 Connector -RGB  
Order Code: AD003-4  
Wire gauge: 0.33mm<sup>2</sup>/22AWG  
Protection: IP67(Mated)



Curved Profile  
Order Code: AC028-CR  
Dimension: 500x20.5x12mm/3  
9.37"x0.81"x0.47"(LxWxH)  
Material: stainless steel  
Color: silver



DMX  
Order code: AE003-DMX  
Input Signal: DMX512, RDM  
Input Voltage: 12 ~ 24V DC  
Max Current Load: 6A x 3CH  
Max. 18A  
Max Output Power:  
(0~72W...144W) x 3CH  
Max.432W  
DMX512 Socket: RJ45  
Dimension: 175x42x33mm  
(LxWxH)



Mounting Clips  
Order Code: AC029-SET  
Dimension: 15x8.1x10.3mm/  
0.59"x0.32"x0.41"(LxWxH)  
Material: stainless steel  
Color: silver  
Each meter of LED strip needS  
3 clips + 3 screws + 2 end caps

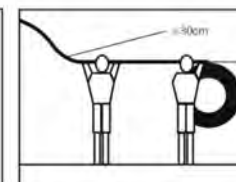
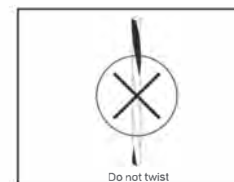
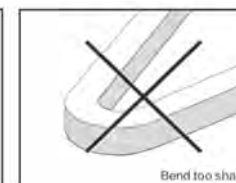
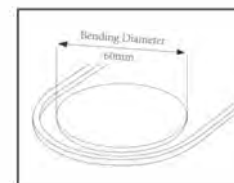
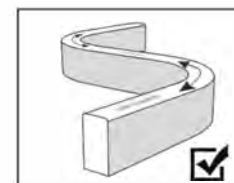


## APPLICATION

- Colorful lighting for concerts, cinema, kursaal.
- Theme park, recreation ground, resort, club.
- Entertaining linear elements.
- PC profile, aluminium profile and mounting clips are optional for installation.

## ADDITIONAL INFO.

- Please light it up for a quick check before installation.
- Bending diameter of LEDLINE FLEX SINI is 60mm, do not bend to side direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- Warranty: All LED light are warranted to be free from defects in product itself for 3 years from the date of purchase.  
This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.



## CONTROLLER & DRIVER



Order code: M6+M3-3A  
RF Controller 216W  
DC24V, 3A\*3Channel, Max 9A  
IP20, Support remote control.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

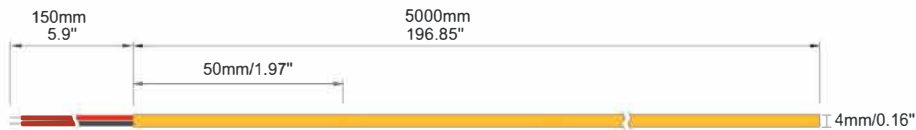


## COVEFLEX DELI



- Slim size in 4mm width, perfect solution for narrow lighting.
- Totally dot-free light without profiles or PC covers.
- High lumen and fancy looking by the unique design.
- One BIN Only ensures perfect color consistency.
- Wide CCT range.

## DIMENSION



### Electrical data

Lumen efficiency	115lm/w(4000K)
Ra	Ra90
SMD Type	COB
LEDs/m	480LEDs/m
Max current/LED	3.4mA
Voltage	DC24V(12V optional; $\pm 0.5V$ )
Width	4mm
Unit cut	50mm
Storage Temperature	$-25^{\circ}C$ / $-13^{\circ}F$ min, $60^{\circ}C$ / $140^{\circ}F$ max
LED PIN Temperature	Max. $65^{\circ}C$ / $149^{\circ}F$
Life Span	>54000H
Waterproof rate	IP20
Warranty	5 Years



- Glossy and perfect line
- Wider beam angle
- More efficient cooling
- Flexibility of 10mm bending radius
- High CRI 90+
- Slim homogeneous light solution

(Lm/m)

CCT	2700K	3000K	4000K	6500K	Max. Run Length
Power	480	519	575	560	5M
5W/M					



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
DELI	27=2700K	05000=5M/196.85"	050=5W
	30=3000K		
	40=4000K		
	65=6500K		

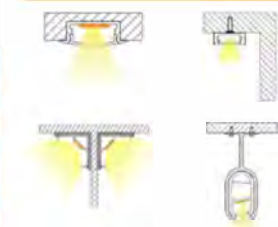
Example  
DELI-27-05000-050:  
COVEFLEX DELI, 2700K, 5M/reel,  
5W/m.

## PROFILES

Popular	AP-1415	AP-2015	AP-1202	AP-1103	AP-1101
Cabinet	AP-1002	AP-V04	AP-4119	AP-3420	AP-1401
Round	AP-1303	AP-1608	AP-Q1-1	AP-1106	AP-2020
Low and flat	AP-1205	AP-1204	AP-1102	AP-1104	AP-2610
High and flat	AP-1009	AP-1604	AP-1002	AP-1605	AP-2121

- The profiles can be ordered separately or assembled with strip.
- The strip lumen output will reduce about 15% with clear cover.
- The strip lumen output will reduce about 25% with diffuse cover.
- Opal/ lens cover is optional, please check case by case.
- Standard available lengths are 1mtr. & 2mtr.
- Connector/cable/product lengths can be customized, please check case by case.

### Installation



## DRIVER



Order code: LRS-150-24  
85-132VAC/170-264VAC  
by switch DC24V 150W  
IP20, global certification.

Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification  
Non dimmable.

Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.

Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

## WIRING



-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

-Please contact us if >150W power supply is needed.

## COVEFLEX DELI IQ



- Slim size with 4mm PCB width, perfect solution for narrow lighting application.
- Dot-free lighting performance without profiles or PC covers.
- One COB strip with 2700K and 5000K that together create a dynamic light spectrum.
- CRI90 with High lumen and fancy looking by the unique design.

## DIMENSION



### Electrical data

Lumen efficiency	105lm/w(W+WW)
Ra	Ra90
SMD Type	COB
LEDs/m	576LEDs/m
Max current/LED	6.9mA
Voltage	DC24V
Width	4mm
Unit cut	27.8mm
Storage Temperature	-25°C / -13°F <sub>min</sub> 60°C / 140°F <sub>max</sub>
LED PIN Temperature	Max.65°C / 149°F
Life Span	>54000H
Waterproof rate	IP20
Warranty	5 Years



- Glossy and perfect line
- Wider beam angle
- More efficient cooling
- Flexibility of 10mm bending radius
- High CRI 90+
- Slim homogeneous light solution

CCT	LM/Mtr	Max. Watt	Max. Run Length
2700K	562	6W/M	5M
5000K	704	6W/M	5M
2700K+5000K	1266	12W/M	5M



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
DELI IQ	2750=2700K+5000K	05000=5M/196.85"	120=12W

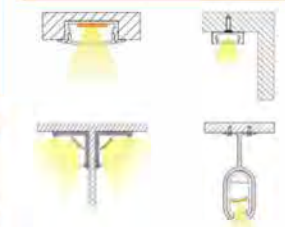
Example  
DELI IQ-2750-05000-120:  
COVEFLEX DELI Tunable White,  
2700K+5000K, 5M/Reel, 12W/m.

## PROFILES

Popular	AP-1415	AP-2015	AP-1202	AP-1103	AP-1101
Cabinet	AP-1002	AP-V04	AP-4319	AP-3420	AP-1401
Round	AP-1303	AP-1608	AP-01-1	AP-1106	AP-2020
Low and flat	AP-1205	AP-1204	AP-1102	AP-1104	AP-2610
High and flat	AP-1609	AP-1604	AP-1602	AP-1605	AP-2121

1. The profiles can be ordered separately or assembled with strip.
2. The strip lumen output will reduce about 15% with clear cover.
3. The strip lumen output will reduce about 25% with diffuse cover.
4. Opal/ lens cover is optional, please check case by case.
5. Standard available lengths are 1mtr. & 2mtr.
6. Connector/cable/product lengths can be customized, please check case by case.

### Installation



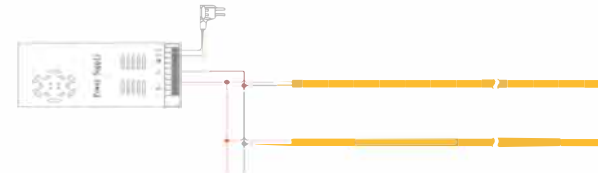
## DRIVER



Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification.

Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification  
Non dimmable.

## WIRING

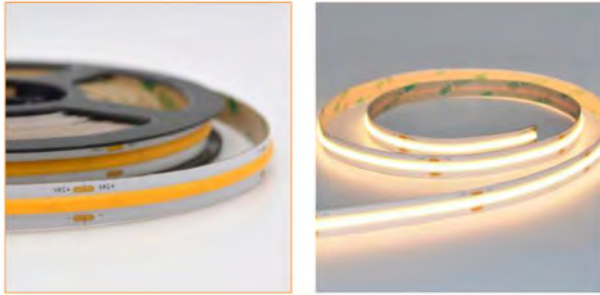


-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

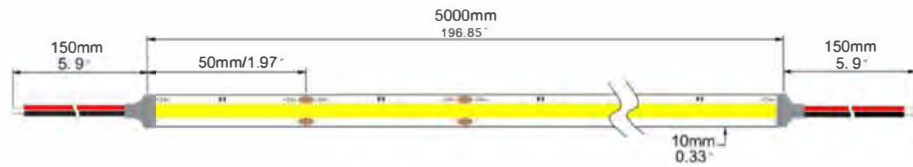
-Please contact us if >150W power supply is needed.

## COVEFLEX BASS



- Totally dot-free light without profiles or PC covers.
- High lumen and fancy looking by the unique design.
- One BIN Only ensures perfect color consistency.
- Wide CCT range.

## DIMENSION



### Electrical data

Lumen efficiency	110lm/w(4000K)
Ra	Ra90
SMD Type	COB
LEDs/m	480LEDs/m
Max current/LED	10.4mA@15W/M
Voltage	DC24V(12V optional; $\pm 0.5V$ )
Width	10mm
Unit cut	50mm
Storage Temperature	-25°C / -13°F <sub>min</sub> 60°C / 140°F <sub>max</sub>
LED PIN Temperature	Max.65°C / 149°F
Life Span	>54000H
Waterproof rate	IP20
Warranty	5 Years



- Glossy and perfect line
- Wider beam angle
- More efficient cooling
- Flexibility of 10mm bending radius
- High CRI 90+
- Slim homogeneous light solution

(Lm/m)

CCT	2700K	3000K	4000K	6500K	B	G	Max. Run Length
5W/M	510	550	627	600	125	555	5M
10W/M	950	1000	1105	1100	250	1110	5M
15W/M	1380	1480	1600	1620	375	1665	5M

Noted: Please contact us if you need other single color like red, orange etc.



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
BASS	27=2700K	05000=5M/196.85"	050=5W
	30=3000K		100=10W
	40=4000K		150=15W
	65=6500K		

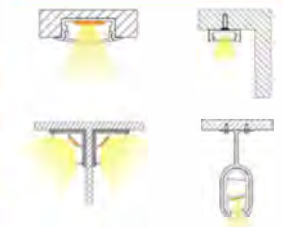
Example  
BASS-27-05000-050:  
COVEFLEX BASS, 2700K, 5M/reel,  
5W/m.

## PROFILES

Popular					
Cabinet					
Round					
Low and flat					
High and flat					

1. The profiles can be ordered separately or assembled with strip.
2. The strip lumen output will reduce about 15% with clear cover.
3. The strip lumen output will reduce about 25% with diffuse cover.
4. Opal/ lens cover is optional, please check case by case.
5. Standard available lengths are 1mtr. & 2mtr.
6. Connector/cable/product lengths can be customized, please check case by case.

### Installation



## DRIVER



Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification  
Non dimmable.

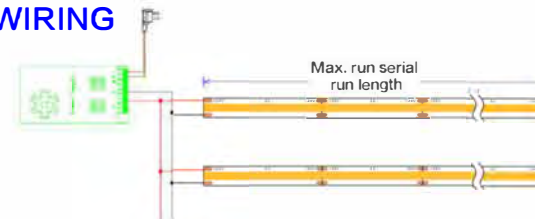


Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

## WIRING



-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

-Please contact us if >150W power supply is needed.



## ACCESSORIES



Strip to Strip Connector  
Order Code: AC065-2  
2Pin for single color



Connecting Cable 2Pin  
Order Code: AC066-2  
Wire gauge: 0.5mm<sup>2</sup>/20AWG

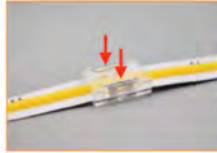
## STRIP TO STRIP CONNECTION



Put the LED strip directly into the connector and make sure both ends of led strip are tightly connected



Make sure that the positive and negative match correctly, "+" to "+", "-" to "-"



Press the sheet metal completely

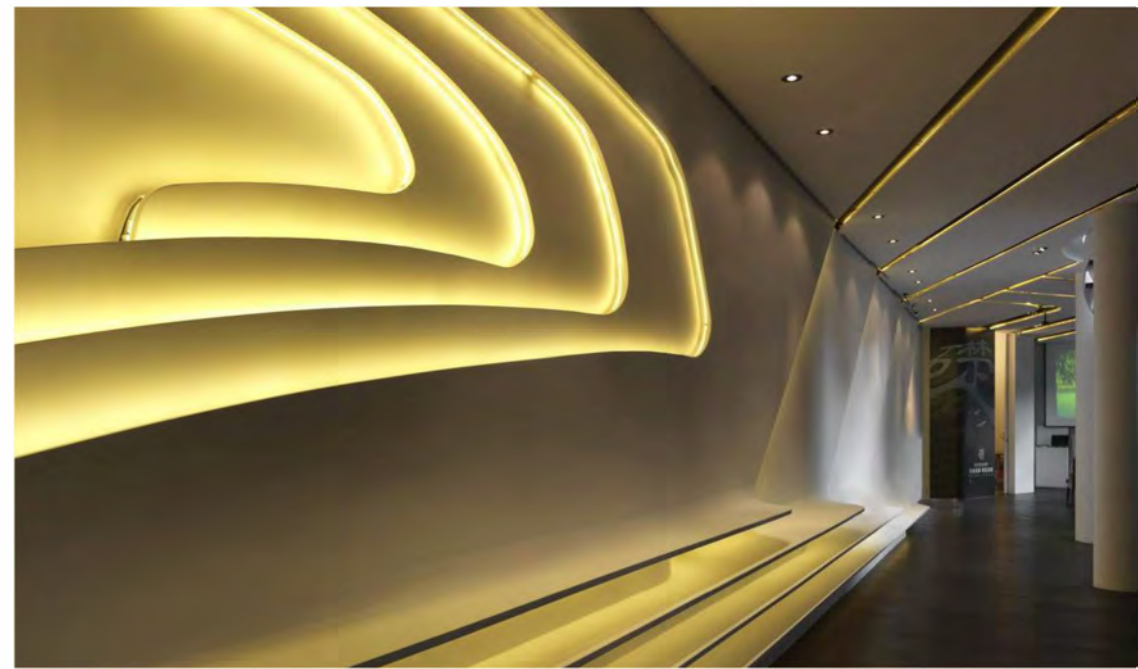
## STRIP TO CABLE CONNECTION



Put the LED strip directly into the connector and make sure both ends of led strip and connecting cable are tightly connected



Make sure the positive and negative match correctly and press the sheet metal completely



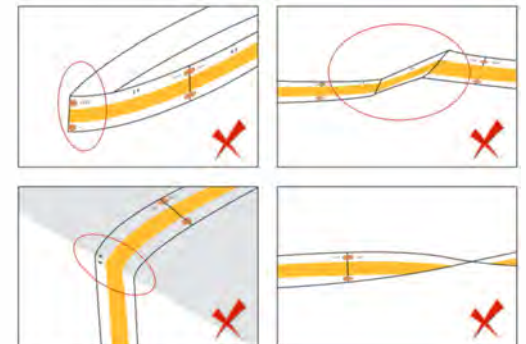
## APPLICATION

- Tape it to the place you want is simple installation.
- Use it with profiles or no profiles, both dot-free light.
- It can be used anywhere indoor you can image, such as ceiling, cabinet, bedside, etc.

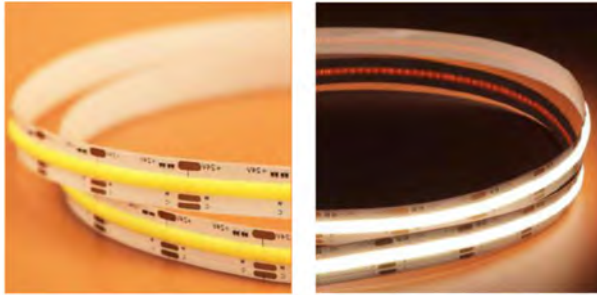


## ADDITIONAL INFO.

- The LED strip bending radius is 10mm. Please do not fold with sharp angle or twist the LED strip.
- It will be likely to destroy the LED strip if exceed the maximum rated operating voltage.
- Please do not connect the LED strip beyond the maximum connecting length.
- LED strips are equipped with a self-adhesive tape for attaching the LED strip to suitable materials, such as aluminum profiles, which must be clean and free of oil or silicone coatings, as well as other dirt/dust particles. The adhesive tape is intended for single use and if removed may damage the material to which it is stuck and the LED module itself, which must then be scrapped.

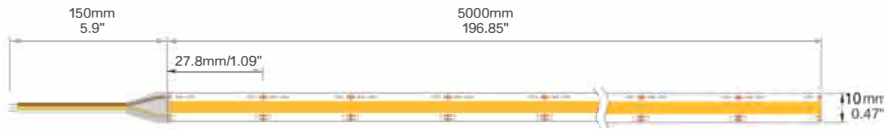


## COVEFLEX BASS IQ



- Totally dot-free light itself. No need to consider dot spot issue. Just pick up the profile you like.
- One COB strip with 2700K and 6500K that together create a dynamic light spectrum.
- Set the light color temperature in the room according to the desired mood.
- CRI90.

## DIMENSION



### Electrical data

Lumen efficiency	107lm/w(W+WW)
Ra	Ra90
SMD Type	COB
LEDs/m	576LEDs/m
Max current/LED	8.6mA
Voltage	DC24V
Width	10mm
Unit cut	27.8mm
Storage Temperature	-25°C /-13°F <sub>min</sub> 60°C /140°F <sub>max</sub>
LED PIN Temperature	Max.65°C /149°F
Life Span	>54000H
Waterproof rate	IP20
Warranty	5 Years



- Glossy and perfect line
- Wider beam angle
- More efficient cooling
- Flexibility of 10mm bending radius
- High CRI 90+
- Slim homogeneous light solution

CCT	LM/Mtr	Max. Watt	Max. Run Length
2700K	750	7.5W/M	5M
6500K	881	7.5W/M	5M
2700K+6500K	1605	15W/M	5M



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
BASS IQ	2765=2700K+6500K	05000=5M/196.85"	150=15W

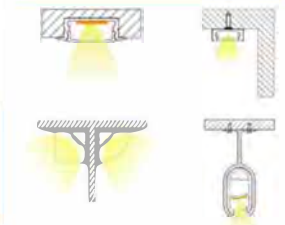
Example  
BASS IQ-2765-05000-150:  
COVEFLEX BASS Tunable White,  
2700K+6500K, 5M/reel, 15W/m.

## PROFILES

Popular	AP-1415	AP-2015	AP-1202	AP-1102	AP-1101
Cabinet	AP-1002	AP-V04	AP-4319	AP-3420	AP-1401
Round	AP-1303	AP-1608	AP-Q1-1	AP-1106	AP-2020
Low and flat	AP-1205	AP-1204	AP-1102	AP-1104	AP-2810
High and flat	AP-1609	AP-AB41604	AP-1602	AP-1605	AP-2121

1. The profiles can be ordered separately or assembled with strip.
2. The strip lumen output will reduce about 15% with clear cover.
3. The strip lumen output will reduce about 25% with diffuse cover.
4. Opal/ lens cover is optional, please check case by case.
5. Standard available lengths are 1mtr. & 2mtr.
6. Connector/cable/product lengths can be customized, please check case by case.

### Installation



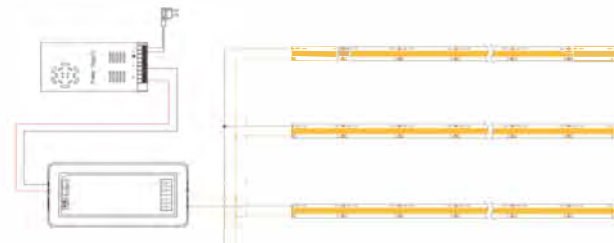
## DRIVER



Order code:LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification.



Order code: M2+M3-3A  
RF Controller 144W  
DC24V, 3A\*2Channel, Max 6A  
IP20, Support remote control.



-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

-Please contact us if >150W power supply is needed.

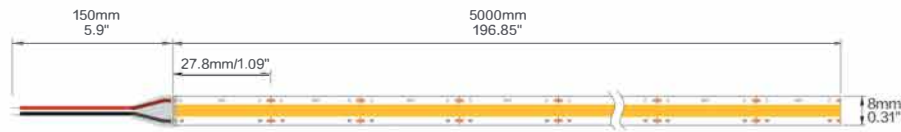


## COVEFLEX BASS IQ-A



- Dot-free lighting performance without profiles or PC covers.
- One COB strip with 2700K and 5000K that together create a dynamic light spectrum.
- CRI90 with High lumen and fancy looking by the unique design.

## DIMENSION



### Electrical data

Lumen efficiency	97lm/w(W+WW)
Ra	Ra90
SMD Type	COB
LEDs/m	576LEDs/m
Max current/LED	17mA
Voltage	DC24V
Width	8mm
Unit cut	27.8mm
Storage Temperature	-25°C /-13°F <sub>min</sub> 60°C /140°F <sub>max</sub>
LED PIN Temperature	Max.65°C /149°F
Life Span	>54000H
Waterproof rate	IP20
Warranty	5 Years



- Glossy and perfect line
- Wider beam angle
- More efficient cooling
- Flexibility of 10mm bending radius
- High CRI 90+
- Slim homogeneous light solution

CCT	LM/Mtr	Max. Watt	Max. Run Length
2700K	1278	15W/M	5M
5000K	1632	15W/M	5M
2700K+5000K	2910	30W/M	5M

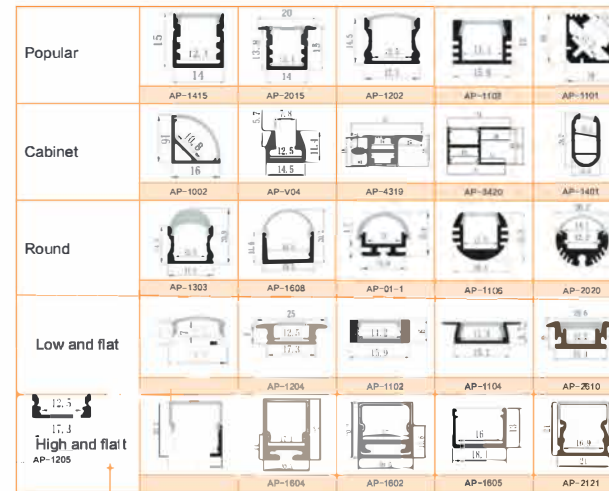


## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
BASS IQ-A	2750=2700K+5000K	05000=5M/196.85"	300=30W

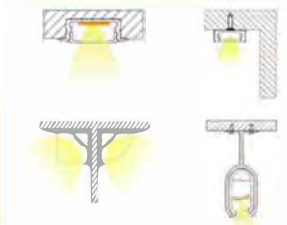
Example  
BASS IQ-A - 2750-05000-300:  
COVEFLEX BASS Tunable White-A,  
2700K+5000K, 5M/Reel, 30W/m.

## PROFILES



1. The profiles can be ordered separately or assembled with strip.
2. The strip lumen output will reduce about 15% with clear cover.
3. The strip lumen output will reduce about 25% with diffuse cover.
4. Opal/ lens cover is optional, please check case by case.
5. Standard available lengths are 1mtr. & 2mtr.
6. Connector/cable/product lengths can be customized, please check case by case.

### Installation

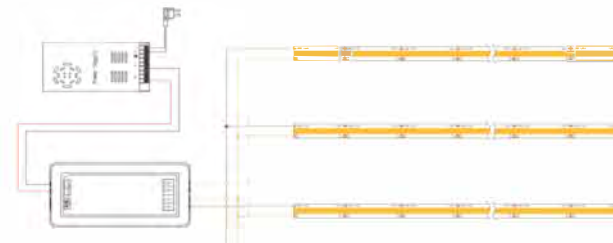


## DRIVER



Order code: LRS-150-24  
85-132VAC/170-264VAC  
by switch DC24V 150W  
IP20, global certification.

Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification  
Non dimmable.



-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

-Please contact us if >150W power supply is needed.

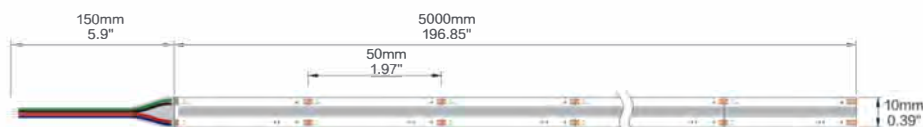


## COVEFLEX BASS RGB



- High lumen and fancy looking by new technology.
- Change color as you desired.
- One BIN Only ensures perfect color consistency.
- Work with the common controllers in the market.

## DIMENSION



### Electrical data

Lumen efficiency	47lm/w
SMD Type	COB
LEDs/m	840LEDs/m
Max current/LED	5.2mA
Voltage	DC24V
Width	10mm
Unit cut	50mm
Storage Temperature	-25°C / -13°F <sub>min</sub> 60°C / 140°F <sub>max</sub>
LED PIN Temperature	Max.65°C / 149°F
Life Span	>54000H
Waterproof rate	IP20
Warranty	3 Years



- Glossy and perfect line
- Wider beam angle
- Uniform color changing
- Simple mounting and connection
- Homogeneous light solution

CCT	LM/Mtr	Max. Watt	Max. Run Length
R	252	8W/M	5M
G	485	4.5W/M	5M
B	68	2.5W/M	5M
RGB	699	15W/M	5M



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
BASS RGB	RGB	05000=5M/196.85"	150=15W

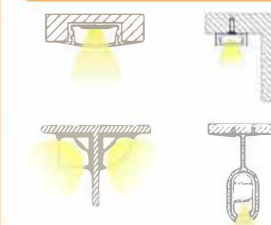
Example  
BASS RGB-05000-150:  
COVEFLEX BASS RGB, 5M/reel, 15W/m.

## PROFILES

Popular	AP-1415	AP-2015	AP-1202	AP-1102	AP-1101
Cabinet	AP-1002	AP-V04	AP-4318	AP-3420	AP-1401
Round	AP-1303	AP-1608	AP-01-1	AP-1106	AP-2020
Low and flat	AP-1205	AP-1204	AP-1102	AP-1104	AP-2010
High and flat	AP-1602	AP-1604	AP-1602	AP-1605	AP-3121

1. The profiles can be ordered separately or assembled with strip.
2. The strip lumen output will reduce about 15% with clear cover.
3. The strip lumen output will reduce about 25% with diffuse cover.
4. Opal/ lens cover is optional, please check case by case.
5. Standard available lengths are 1mtr. & 2mtr.
6. Connector/cable/product lengths can be customized, please check case by case.

### Installation



## DRIVER



Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification.



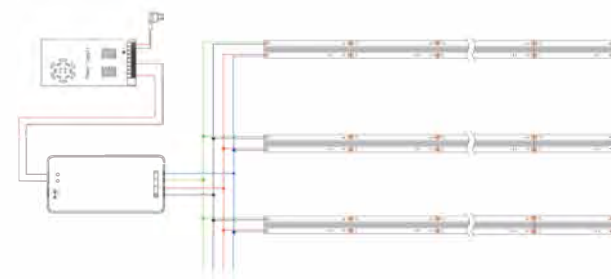
Order code: M6+M3-3A  
RF Controller 216W  
DC24V, 3A\*3Channel, Max 9A  
IP20, Support remote control.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.



-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

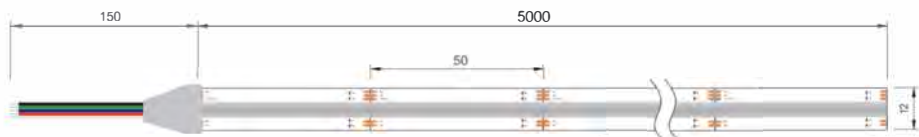
-Please contact us if >150W power supply is needed.

## COVEFLEX BASS RGBW



- COB RGBW strip, perfect color change for your application.
- High density with 560leds per meter offers soft and uniform light effect.
- Work with common controllers in the market.

## DIMENSION



### Electrical data

Lumen efficiency	49lm/w
SMD Type	COB
LEDs/m	560LEDs/m
Max current/LED	8.3mA
Voltage	DC24V
Width	12mm
Unit cut	50mm
Storage Temperature	-25°C / -13°F <sub>min</sub> , 60°C / 140°F <sub>max</sub>
LED PIN Temperature	Max:65°C / 149°F
Life Span	>54000H
Waterproof rate	IP20
Warranty	3 Years



- Glossy and perfect line
- Wider beam angle
- Uniform color changing
- Simple mounting and connection
- Homogeneous light solution

CCT	LM/Mtr	Max. Watt	Max. Run Length
R	110	4W/M	5M
G	90	4W/M	5M
B	300	4W/M	5M
W27	250	4W/M	5M
W30	260	4W/M	5M
W40	310	4W/M	5M
W65	260	4W/M	5M
RGBW40	800	16W/M	5M



**ONE BIN ONLY**  
Color consistency  
Today and tomorrow

## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
BASS RGBW	RGBW27=RGB+2700K	05000=5M/196.85'	160=16W
	RGBW30=RGB+3000K		
	RGBW40=RGB+4000K		
	RGBW65=RGB+6500K		

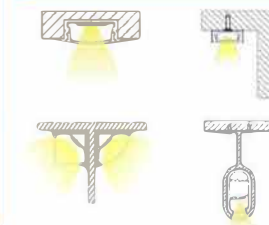
Example  
BASS RGBW-05000-160:  
COVEFLEX BASS RGBW27, RGB+2700K,  
5M/reel, 16W/m.

## PROFILES

Popular	AP-1415	AP-2015	AP-1202	AP-1103	AP-1101
Cabinet	AP-1003	AP-V04	AP-4319	AP-3420	AP-1401
Round	AP-1303	AP-1608	AP-01-1	AP-1106	AP-2020
Low and flat	AP-1205	AP-1204	AP-1102	AP-1104	AP-2010
High and flat	AP-1009	AP-1604	AP-1602	AP-1605	AP-3121

1. The profiles can be ordered separately or assembled with strip.
2. The strip lumen output will reduce about 15% with clear cover.
3. The strip lumen output will reduce about 25% with diffuse cover.
4. Opal/ lens cover is optional, please check case by case.
5. Standard available lengths are 1mtr. & 2mtr.
6. Connector/cable/product lengths can be customized, please check case by case.

### Installation



## DRIVER

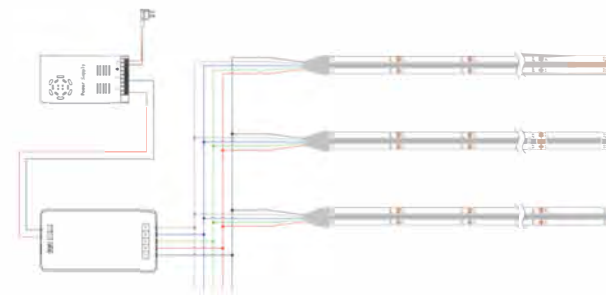


Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification.

Order code: M4+M4-3A  
RF Controller 288W  
DC24V, 3A\*4Channel, Max 12A  
IP20, Support remote control.

Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.

Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.



-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

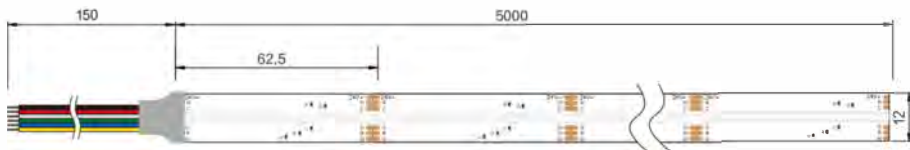
-Please contact us if >150W power supply is needed.

## COVEFLEX BASS RGBWW



- COB RGBWW 5in1 strip, perfect color change for your application.
- High density with 560leds per meter offers soft and uniform light effect.
- Work with common controllers in the market.

## DIMENSION



### Electrical data

Lumen efficiency	60lm/w
SMD Type	COB
LEDs/m	560LEDs/m
Max current/LED	8.3mA
Voltage	DC24V
Width	12mm
Unit cut	62.5mm
Storage Temperature	-25°C / -13°F min, 60°C / 140°F max
LED PIN Temperature	Max.65°C / 149°F
Life Span	>54000H
Waterproof rate	IP20
Warranty	3 Years



- Glossy and perfect line
- Wider beam angle
- Uniform color changing
- Simple mounting and connection
- Homogeneous light solution

CCT	LM/Mtr	Max. Watt	Max. Run Length
R	97	3.2W/M	5M
G	264	3.2W/M	5M
B	79	3.2W/M	5M
W27	242	3.2W/M	5M
W60	275	3.2W/M	5M
RGBWW(27+60)	957	16W/M	5M



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
BASS RGBWW	RGBWW=RGB +2700K+6000K	05000=5M/196.85"	160=16W

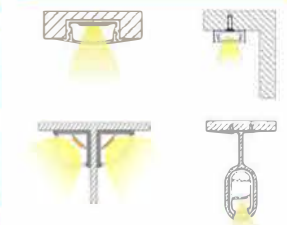
Example  
BASS RGBWW-0500-160:  
COVEFLEX BASS RGBWW,  
RGB+2700K+6000K, 5M/reel,  
16W/m.

## PROFILES

Popular					
Cabinet					
Round					
Low and flat					
High and flat					

- The profiles can be ordered separately or assembled with strip.
- The strip lumen output will reduce about 15% with clear cover.
- The strip lumen output will reduce about 25% with diffuse cover.
- Opal/ lens cover is optional, please check case by case.
- Standard available lengths are 1mtr. & 2mtr.
- Connector/cable/product lengths can be customized, please check case by case.

### Installation



## DRIVER



Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification.



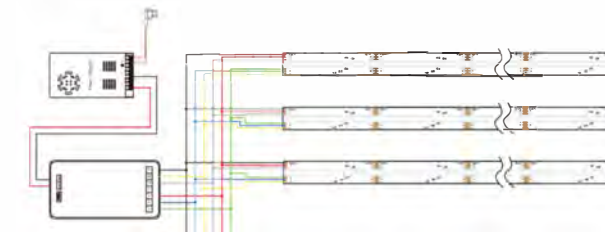
Order code: Q5 + F5-DMX-4A  
DC24V, 4A\*5 Channel, Max  
20A, IP20, support remote  
control.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.



-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

-Please contact us if >150W power supply is needed.

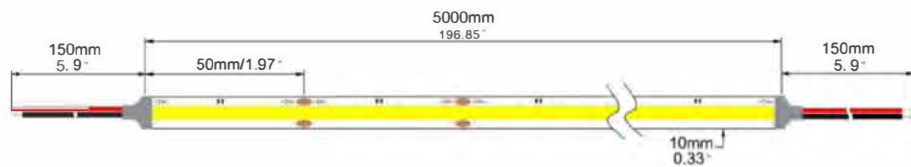


## COVEFLEX ALTO



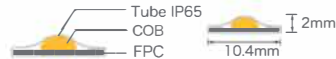
- Totally dot-free light without profiles or PC covers.
- High lumen and fancy looking by the unique design.
- One BIN Only ensures perfect color consistency.
- SDCM 3.
- Wide CCT range.

## DIMENSION



### Electrical data

Lumen efficiency	110lm/w(4000K)
Ra	Ra90
SMD Type	COB
LEDs/m	480LEDs/m
Max current/LED	10.4mA@15W/M
Voltage	DC24V(12V optional; $\pm 0.5V$ )
Width	10mm
Unit cut	50mm
Storage Temperature	-25°C / -13°F <sub>min</sub> 60°C / 140°F <sub>max</sub>
LED PIN Temperature	Max.65°C / 149°F
Life Span	>54000H
Waterproof rate	IP65
Warranty	5 Years



- Glossy and perfect line
- Wider beam angle
- More efficient cooling
- Flexibility of 10mm bending radius
- High CRI 90+
- Slim homogeneous light solution

(Lm/m)

CCT	2700K	3000K	4000K	6500K	Max. Run Length
Power					
5W/M	460	515	580	560	5M
10W/M	920	960	1100	1050	5M
15W/M	1350	1440	1550	1600	5M



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
ALTO	27=2700K	05000=5M/196.85"	050=5W
	30=3000K		100=10W
	40=4000K		150=15W
	65=6500K		

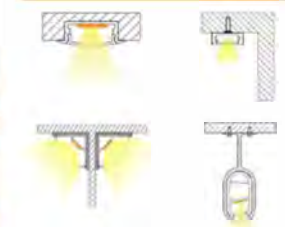
Example  
ALTO-27-05000-050:  
COVEFLEX ALTO, 2700K, 5M/reel,  
5W/m.

## PROFILES

Popular	AP-1415	AP-2015	AP-1202	AP-1103	AP-1101
Cabinet	AP-1002	AP-V04	AP-4319	AP-3420	AP-1401
Round	AP-1303	AP-1608	AP-01-1	AP-1106	AP-2020
Low and flat	AP-1205	AP-1204	AP-1102	AP-1104	AP-2610
High and flat	AP-1609	AP-1604	AP-1002	AP-1605	AP-2121

1. The profiles can be ordered separately or assembled with strip.
2. The strip lumen output will reduce about 15% with clear cover.
3. The strip lumen output will reduce about 25% with diffuse cover.
4. Opal/ lens cover is optional, please check case by case.
5. Standard available lengths are 1mtr. & 2mtr.
6. Connector/cable/product lengths can be customized, please check case by case.

### Installation



## DRIVER



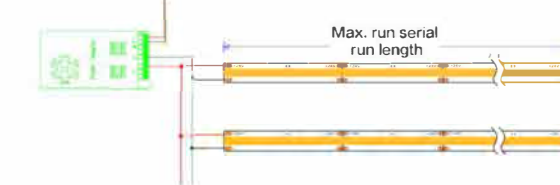
Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification.

Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non dimmable.

Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.

Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

## WIRING

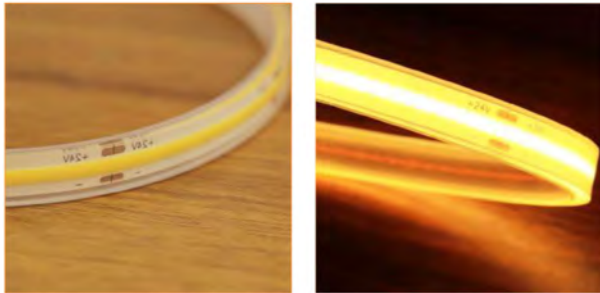


-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

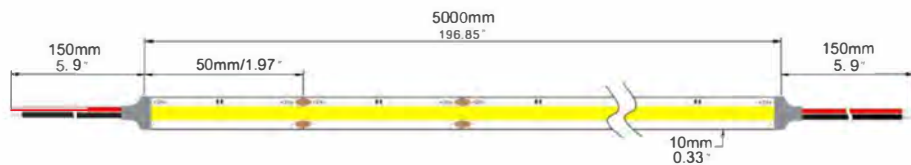
-Please contact us if >150W power supply is needed.

## COVEFLEX TREBLE



- Totally dot-free light without profiles or PC covers.
- High lumen and fancy looking by the unique design.
- One BIN Only ensures perfect color consistency.
- SDCM 3.
- Durable IP67.

## DIMENSION



### Electrical data

Lumen efficiency	100lm/w(4000K)
Ra	Ra90
SMD Type	COB
LEDs/m	480LEDs/m
Max current/LED	10.4mA@15W/M
Voltage	DC24V(12V optional; $\pm 0.5V$ )
Width	10mm
Unit cut	50mm
Storage Temperature	-25°C / -13°F <sub>min</sub> 60°C / 140°F <sub>max</sub>
LED PIN Temperature	Max.65°C / 149°F
Life Span	>54000H
Waterproof rate	IP67
Warranty	5 Years



- Glossy and perfect line
- Wider beam angle
- More efficient cooling
- Flexibility of 60mm bending radius
- High CRI 90+
- Slim homogeneous light solution

(Lm/m)

CCT	2700K	3000K	4000K	6500K	Max. Run Length
5W/M	440	470	520	510	5M
10W/M	870	920	1030	1020	5M
15W/M	1250	1350	1470	1460	5M



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
TREBLE	27=2700K	05000=5M/196.85"	050=5W
	30=3000K		100=10W
	40=4000K		150=15W
	65=6500K		

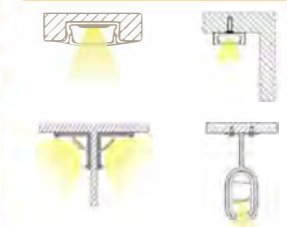
Example  
TREBLE-27-05000-050:  
COVEFLEX TREBLE, 2700K, 5M/reel,  
5W/m.

## PROFILES

Popular	AP-1415	AP-2015	AP-1202	AP-1103	AP-1101
Cabinet	AP-1002	AP-V04	AP-4310	AP-3420	AP-1401
Round	AP-1303	AP-1008	AP-01-1	AP-1106	AP-2020
Low and flat	AP-1205	AP-1204	AP-1102	AP-1104	AP-2610
High and flat	AP-1009	AP-1004	AP-1902	AP-1505	AP-2121

1. The profiles can be ordered separately or assembled with strip.
2. The strip lumen output will reduce about 15% with clear cover.
3. The strip lumen output will reduce about 25% with diffuse cover.
4. Opal/ lens cover is optional, please check case by case.
5. Standard available lengths are 1mtr. & 2mtr.
6. Connector/cable/product lengths can be customized, please check case by case.

### Installation



## DRIVER



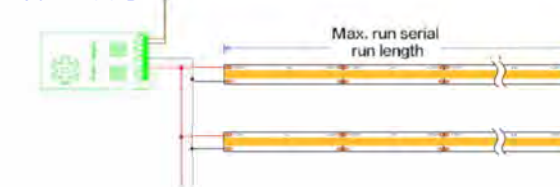
Order code: LRS-150-24  
85-132VAC/170-264VAC  
by switch DC24V 150W  
IP20, global certification.

Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non dimmable.

Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification.  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.

Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

## WIRING



-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

-Please contact us if >150W power supply is needed.

## COVEFLEX POP



- Most popular item, suitable for all indoor projects.
- Long lifespan and excellent in heat dissipation.
- One BIN Only ensures perfect color consistency.
- CRI80 and CRI90 optional.
- SDCM 3.
- Wide CCT range.

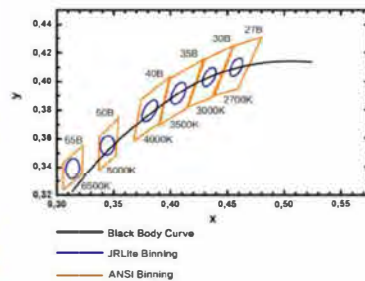
## DIMENSION



### Electrical data

Lumen efficiency	100lm/w(4000K)
SDCM	3 ( 2700K, 3000K, 4000K)
Ra	Ra90; Ra80 optional
SMD Type	2835
LEDs/m	120LEDs/m
Max current/LED	50mA
Voltage	DC24V(12V Optional; $\pm 0.5V$ )
Width	10mm
Unit cut	50mm
Storage Temperature	$-25^{\circ}\text{C} / -13^{\circ}\text{F}_{\text{min}}$ $60^{\circ}\text{C} / 140^{\circ}\text{F}_{\text{max}}$
LED PIN Temperature	Max.65°C /149°F
Life Span	>54000H
Waterproof rate	IP20
Warranty	5 Years

### Binning



(Lm/m)

CCT \ Power	2700K	3000K	4000K	6500K	Max. Run Length
4.8W/M	450	465	481	507	5M
9.6W/M	899	917	965	970	5M
14.4W/M	1320	1385	1450	1457	5M
19.2W/M	1858	1898	1970	1986	5M
24W/M	2200	2289	2380	2350	5M



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
POP	27=2700K	05000=5M/196.85"	048=4.8W
	30=3000K		096=9.6W
	40=4000K		144=14.4W
	65=6500K		192=19.2W
			240=24W

Example  
POP-27-05000-048:  
COVEFLEX POP, 2700K, 5M/reel,  
4.8W/m.

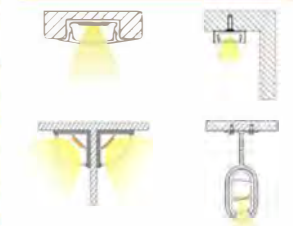
POP-65-01500-240:  
COVEFLEX POP, 6500K, 1.5M/reel,  
24W/m.

## PROFILES

Popular					
Cabinet					
Round					
Low and flat					
High and flat					

1. The profiles can be ordered separately or assembled with strip.
2. The strip lumen output will reduce about 15% with clear cover.
3. The strip lumen output will reduce about 25% with diffuse cover.
4. Opal/ lens cover is optional, please check case by case.
5. Standard available lengths are 1mtr. & 2mtr.
6. Connector/cable/product lengths can be customized, please check case by case.

### Installation



## DRIVER



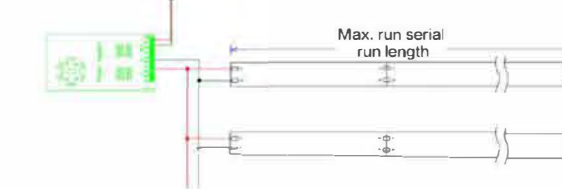
Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification.

Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non dimmable.

Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification.  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.

Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

## WIRING



-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

-Please contact us if >150W power supply is needed.



## STRIP TO STRIP CONNECTION



Connector IP20  
Strip to strip  
Order code: SS20102P



Cut the LED strip in  
cutting points



Peel off the 3M tape  
from the LED strip.



Put the LED strip directly  
into the connector.



Close the connector till  
the cover is locked in.



Successful connection.

## STRIP TO CABLE CONNECTION



Connector IP20  
Strip to cable  
Order code: SC20102P



Put the required cable  
into connector.



Close the connector till  
the cover is locked in.



Successful connection.

## STRIP TO STRIP CORNER CONNECTION



Connector IP20 L shape  
Order code: SS20102PL



Connector IP20 T shape  
Order code: SS20102PT



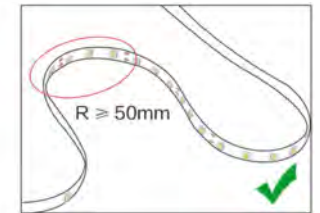
Connector IP20 cross  
shape  
Order code: SS20102PC

Note: The positive and negative pole should be connected correspondingly.



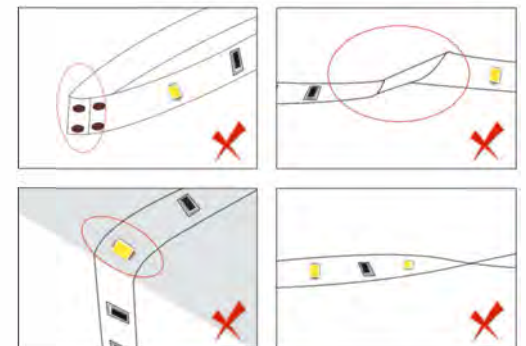
## APPLICATION

- Widely used in indoor decoration, lighting with large scale backlight.
- Whether in the hotel lobby, bedroom, or any indoor space, it can provide the lighting you need.



## ADDITIONAL INFO.

- The LED strip bending radius is 50mm. Please do not fold with sharp angle or twist the LED strip.
- It will be likely to destroy the LED strip if exceed the maximum rated operating voltage.
- Please do not connect the LED strip beyond the maximum connecting length.
- LED strips are equipped with a self-adhesive tape for attaching the LED strip to suitable materials, such as aluminum profiles, which must be clean and free of oil or silicone coatings, as well as other dirt/dust particles. The adhesive tape is intended for single use and if removed may damage the material to which it is stuck and the LED module itself, which must then be scrapped.

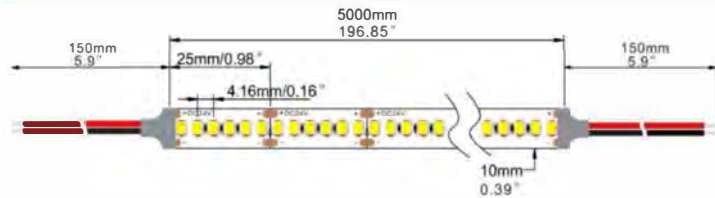


## COVEFLEX POP HD



- High density LED with high brightness to achieve spot-free when used with aluminum profile.
- One BIN Only ensures perfect color consistency.
- CRI80 and CRI90 optional.
- SDCM 3.
- Wide CCT range.

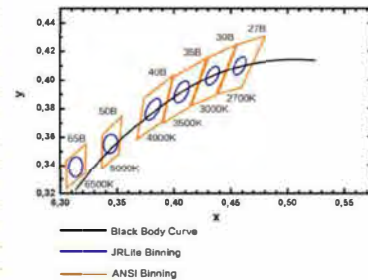
## DIMENSION



### Electrical data

Lumen efficiency	102lm/w(4000K)
SDCM	3 ( 2700K, 3000K, 4000K)
Ra	Ra90; Ra80 optional
SMD Type	2835
LEDs/m	240LEDs/m
Max current/LED	25mA
Voltage	DC24V(± 0.5V)
Width	10mm
Unit cut	25mm
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>
LED PIN Temperature	Max.65°C /149°F
Life Span	>54000H
Waterproof rate	IP20
Warranty	5 Years

### Binning



### (Lm/m)

CCT \ Power	2700K	3000K	4000K	6500K	Max. Run Length
4.8W/M	453	468	480	505	5M
9.6W/M	896	927	968	970	5M
14.4W/M	1330	1387	1448	1456	5M
19.2W/M	1851	1878	1950	1986	5M
24W/M	2203	2279	2382	2360	5M



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
POP HD	27=2700K	05000=5M/196.85"	048=4.8W
	30=3000K		096=9.6W
	40=4000K		144=14.4W
	65=6500K		192=19.2W
			240=24W

Example  
POP HD-27-05000-048:  
COVEFLEX POP HD, 2700K, 5M/reel,  
4.8W/m.

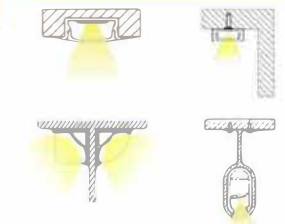
POP HD-65-01500-240:  
COVEFLEX POP HD, 6500K, 1.5M/reel,  
24W/m.

## PROFILES

Popular	AP-1415	AP-2015	AP-1202	AP-1103	AP-1101
Cabinet	AP-1003	AP-V04	AP-4315	AP-3420	AP-1401
Round	AP-1303	AP-1008	AP-01-1	AP-1106	AP-2020
Low and flat	AP-1205	AP-1204	AP-1102	AP-1104	AP-0810
High and flat	AP-1009	AP-1004	AP-1002	AP-1005	AP-2121

1. The profiles can be ordered separately or assembled with strip.
2. The strip lumen output will reduce about 15% with clear cover.
3. The strip lumen output will reduce about 25% with diffuse cover.
4. Opal/ lens cover is optional, please check case by case.
5. Standard available lengths are 1mtr. & 2mtr.
6. Connector/cable/product lengths can be customized, please check case by case.

### Installation



## DRIVER



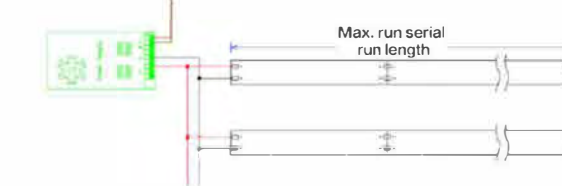
Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification.

Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non dimmable.

Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification.  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.

Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

## WIRING



-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

-Please contact us if >150W power supply is needed.



## STRIP TO STRIP CONNECTION



Connector IP20  
Strip to strip  
Code: SS20102P-HD



Cut the LED strip in  
cutting points



Peel off the 3M tape  
from the LED strip.



Put the LED strip directly  
into the connector.



Close the connector till  
the cover is locked in.



Successful connection.

## STRIP TO CABLE CONNECTION



Connector IP20  
Strip to cable  
Code: SC20102P-HD



Put the required cable  
into connector.



Close the connector till  
the cover is locked in.



Successful connection.

## STRIP TO STRIP CORNER CONNECTION



Connector IP20 L shape  
Order code: SS20102PL



Connector IP20 T shape  
Order code: SS20102PT



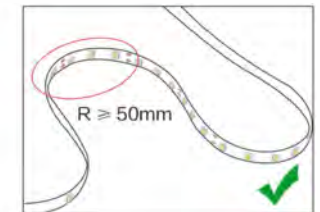
Connector IP20 cross  
shape  
Order code: SS20102PC

Note: The positive and negative pole should be connected correspondingly.



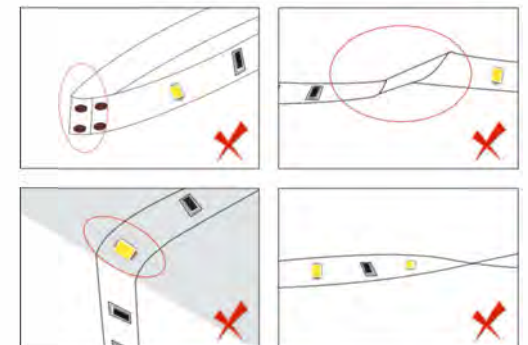
## APPLICATION

- Especially suitable for signage which requires high brightness.
- It's ideal for any indoor back lighting applications. With the use of profiles, the light effect will be more uniform and soft.



## ADDITIONAL INFO.

- The LED strip bending radius is 50mm. Please do not fold with sharp angle or twist the LED strip.
- It will be likely to destroy the LED strip if exceed the maximum rated operating voltage.
- Please do not connect the LED strip beyond the maximum connecting length.
- LED strips are equipped with a self-adhesive tape for attaching the LED strip to suitable materials, such as aluminum profiles, which must be clean and free of oil or silicone coatings, as well as other dirt/dust particles. The adhesive tape is intended for single use and if removed may damage the material to which it is stuck and the LED module itself, which must then be scrapped.





## COVEFLEX RULER



- Mini cutting design with single LED cut size.
- Most fit for corner projects.
- One BIN Only ensures perfect color consistency.
- CRI80 and CRI90 optional.
- Wide CCT range.

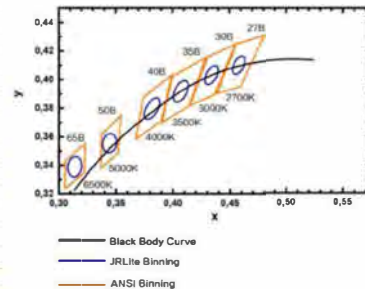
## DIMENSION



### Electrical data

Lumen efficiency	100lm/w(4000K)
Ra	Ra90; Ra80 optional
SMD Type	2835
LEDs/m	120LEDs/m
Max current/LED	6.6mA(24V)
Voltage	DC24V(5V, 12V Optional; $\pm 0.5V$ )
Width	10mm
Unit cut	8.33mm
Storage Temperature	-25°C / -13°F <sub>min</sub> , 60°C / 140°F <sub>max</sub>
LED PIN Temperature	Max.65°C / 149°F
Life Span	>54000H
Waterproof rate	IP20
Warranty	5 Years

### Binning



(Lm/m)

CCT	2700K	3000K	4000K	6500K	Max. Run Length
12W/m	1056	1092	1187	1010	5M
14W/m	1232	1274	1392	1178	5M
19W/m	1680	1740	1900	1600	5M



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
RULER	27=2700K	05000=5M/196.85"	120=12W
	30=3000K		140=14W
	40=4000K		190=19W
	65=6500K		

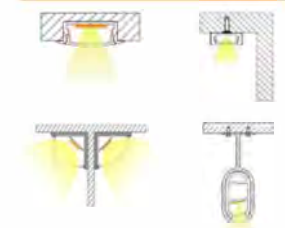
Example  
 RULER-27-05000-120:  
 COVEFLEX RULER, 2700K, 5M/reel, 12W/m.  
 RULER-65-01500-190:  
 COVEFLEX RULER, 6500K, 1.5M/reel, 19W/m.

## PROFILES

Popular	AP-1415	AP-2015	AP-1202	AP-1102	AP-1101
Cabinet	AP-1002	AP-V04	AP-4319	AP-3420	AP-1401
Round	AP-1303	AP-1606	AP-01-1	AP-1106	AP-2020
Low and flat	AP-1205	AP-1204	AP-1102	AP-1104	AP-2010
High and flat	AP-1909	AP-1604	AP-1602	AP-1805	AP-2121

1. The profiles can be ordered separately or assembled with strip.
2. The strip lumen output will reduce about 15% with clear cover.
3. The strip lumen output will reduce about 25% with diffuse cover.
4. Opal/ lens cover is optional, please check case by case.
5. Standard available lengths are 1mtr. & 2mtr.
6. Connector/cable/product lengths can be customized, please check case by case.

### Installation



## DRIVER



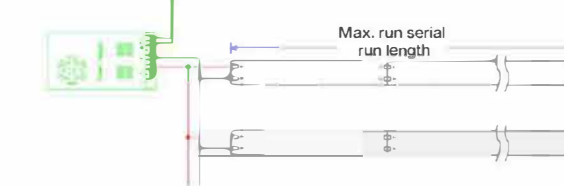
Order code: LRS-150-24 85-132VAC/ 170-264VAC by switch DC24V 150W IP20, global certification.

Order code: XLG-150-24-A AC100-305V DC24V 150W IP67, Global certification. Non dimmable.

Order code: ELG-150-24B AC100-305V DC24V 150W IP67, Global certification 3in1 dimming function: 0-10Vdc, 10V PWM signal and resistance.

Order code: ELG-150-24DA AC100-305V DC24V 150W IP67, Global certification Dali control technology.

## WIRING



-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

-Please contact us if >150W power supply is needed.

## STRIP TO STRIP CONNECTION



Connector IP20  
Strip to strip  
Order code: SS20102P



Cut the LED strip in  
cutting points



Peel off the 3M tape  
from the LED strip.



Put the LED strip directly  
into the connector.



Close the connector till  
the cover is locked in.



Successful connection.

## STRIP TO CABLE CONNECTION



Connector IP20  
Strip to cable  
Order code: SC20102P



Put the required cable  
into connector.



Close the connector till  
the cover is locked in.



Successful connection.

## STRIP TO STRIP CORNER CONNECTION



Connector IP20 L shape  
Order code: SS20102PL



Connector IP20 T shape  
Order code: SS20102PT



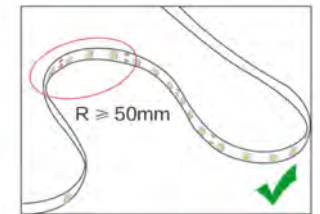
Connector IP20 cross  
shape  
Order code: SS20102PC

Note: The positive and negative pole should be connected correspondingly.



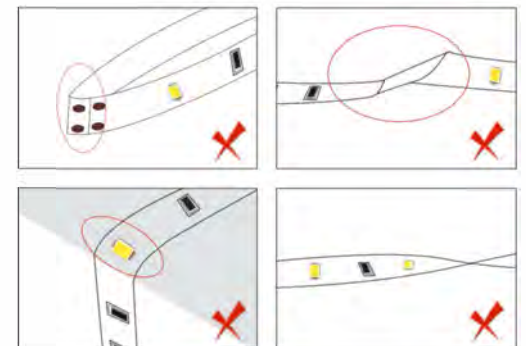
## APPLICATION

- ▶ Minimum cut size ( 8.3mm) makes it easy to light up every concealed edging, such as wine cabinet, wardrobe, bar counter, TV cabinet, etc.
- ▶ Your best solution for building decorations, kitchen-cabinet lightings, under-cabinet lightings, and bathroom lightings.



## ADDITIONAL INFO.

- ▶ The LED strip bending radius is 50mm. Please do not fold with sharp angle or twist the LED strip.
- ▶ It will be likely to destroy the LED strip if exceed the maximum rated operating voltage.
- ▶ Please do not connect the LED strip beyond the maximum connecting length.
- ▶ LED strips are equipped with a self-adhesive tape for attaching the LED strip to suitable materials, such as aluminum profiles, which must be clean and free of oil or silicone coatings, as well as other dirt/dust particles. The adhesive tape is intended for single use and if removed may damage the material to which it is stuck and the LED module itself, which must then be scrapped.





## COVEFLEX SHAPE



- S-shape flexible PCB design allows the best flexibility, and the maximum bending angle even can be up to 90 degree.
- Most fit for corner projects.
- One BIN Only ensures perfect color consistency.
- CRI80 and CRI90 optional.
- Wide CCT range.

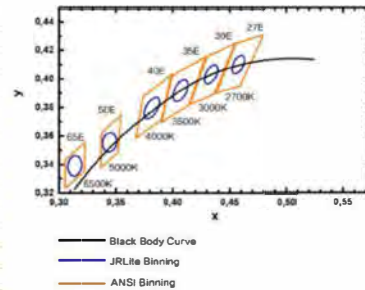
## DIMENSION



### Electrical data

Lumen efficiency	97lm/w(4000K)
Ra	Ra90; Ra80 optional
SMD Type	2835
LEDs/m	60LEDs/m
Max current/LED	50mA@12W/M
Voltage	DC24V(12V Optional; $\pm 0.5V$ )
Width	8.5mm
Unit cut	100mm
Storage Temperature	-25°C / -13°F <sub>min</sub> 60°C / 140°F <sub>max</sub>
LED PIN Temperature	Max.65°C / 149°F
Life Span	>54000H
Waterproof rate	IP20
Warranty	5 Years

### Binning



(Lm/m)

CCT	2700K	3000K	4000K	6500K	Max. Run Length
Power					
4.8W/M	400	440	480	490	5M
9.6W/M	756	840	930	940	5M
12W/M	920	1020	1150	1165	5M



**ONE BIN ONLY**  
Color consistency  
Today and tomorrow

## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
SHAPE	27=2700K	05000=5M/196.85"	048=4.8W
	30=3000K		096=9.6W
	40=4000K		120=12W
	65=6500K		

Example  
SHAPE-27-05000-048:  
COVEFLEX SHAPE, 2700K, 5M/reel,  
4.8W/m.

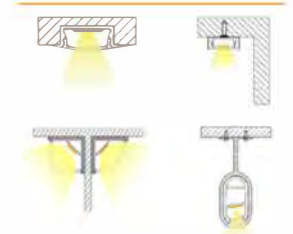
SHAPE-65-01500-120:  
COVEFLEX SHAPE, 6500K, 1.5M/reel,  
12W/m.

## PROFILES

Popular					
Cabinet					
Round					
Low and flat					
High and flat					

1. The profiles can be ordered separately or assembled with strip.
2. The strip lumen output will reduce about 15% with clear cover.
3. The strip lumen output will reduce about 25% with diffuse cover.
4. Opal/ lens cover is optional, please check case by case.
5. Standard available lengths are 1mtr. & 2mtr.
6. Connector/cable/product lengths can be customized, please check case by case.

### Installation



## DRIVER



Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non dimmable.

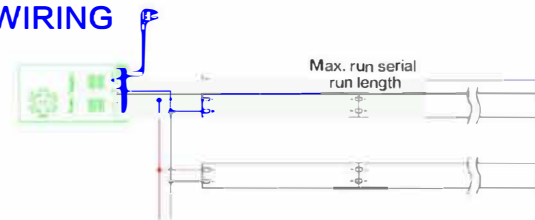


Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

## WIRING



-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

-Please contact us if >150W power supply is needed.

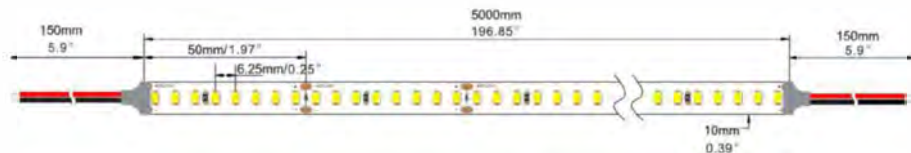


## COVEFLEX EFFI



- High lumen efficiency with 150LM/W Ra90 to achieve energy saving.
- One BIN Only ensures perfect color consistency.
- CRI80 and CRI90 optional.
- SDCM 3.
- Wide CCT range.

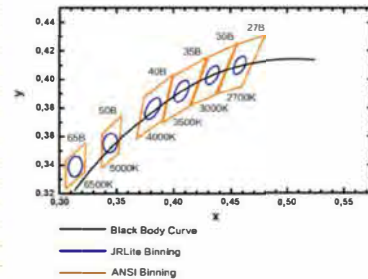
## DIMENSION



### Electrical data

Lumen efficiency	150lm/w(4000K)
SDCM	3 ( 2700K, 3000K, 4000K)
Ra	Ra90; Ra80 optional(190lm/w)
SMD Type	2835
LEDs/m	160LEDs/m
Max current/LED	43.7mA
Voltage	DC24V(23.5V <sub>min</sub> ; 24.5V <sub>max</sub> )
Width	10mm
Unit cut	50mm
Storage Temperature	-25°C /-13°F <sub>min</sub> ; 60°C /140°F <sub>max</sub>
LED PIN Temperature	Max.65°C /149°F
Life Span	>54000H
Waterproof rate	IP20
Warranty	5 Years

### Binning



### (Lm/m)

CCT	2700K	3000K	3500K	4000K	5000K	6500K	Max. Run Length
Power							
4.8W/M	683	723	694	733	779	818	5M
9.6W/M	1282	1367	1376	1526	1550	1575	5M
14.4W/M	2106	2195	2139	2202	2305	2482	5M
19.2W/M	2425	2779	2691	2987	3010	3183	5M
21W/M	2754	3048	2948	3178	3205	3285	5M



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
EFFI	27=2700K	05000=5M/196.85"	048=4.8W
	30=3000K		096=9.6W
	35=3500K		144=14.4W
	40=4000K		192=19.2W
	50=5000K		210=21W
	65=6500K		

Example  
EFFI-27-05000-048:  
COVEFLEX EFFI, 2700K, 5M/reel,  
4.8W/m.

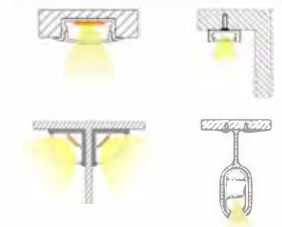
EFFI-65-01500-210:  
COVEFLEX EFFI, 6500K, 1.5M/reel,  
21W/m.

## PROFILES

Popular	AP-1415	AP-2015	AP-1202	AP-1103	AP-1101
Cabinet	AP-1002	AP-V504	AP-4319	AP-3420	AP-1401
Round	AP-1303	AP-1008	AP-01-1	AP-1106	AP-2020
Low and flat	AP-1205	AP-1204	AP-1102	AP-1104	AP-2610
High and flat	AP-1609	AP-1604	AP-1602	AP-1605	AP-2121

- The profiles can be ordered separately or assembled with strip.
- The strip lumen output will reduce about 15% with clear cover.
- The strip lumen output will reduce about 25% with diffuse cover.
- Opal/ lens cover is optional, please check case by case.
- Standard available lengths are 1mtr. & 2mtr.
- Connector/cable/product lengths can be customized, please check case by case.

### Installation



## DRIVER



Order code: LRS-150-24  
85-132VAC/170-264VAC  
by switch DC24V 150W  
IP20, global certification.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.

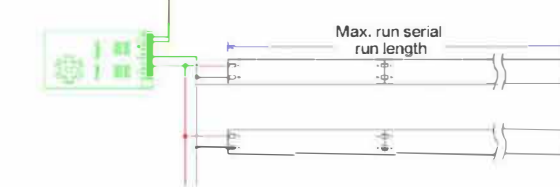


Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

## WIRING



-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

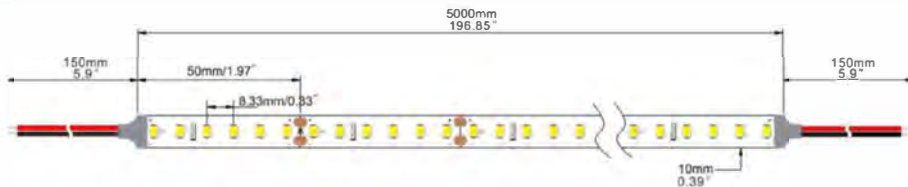
-Please contact us if >150W power supply is needed.

## COVEFLEX VENUS



- Longer length, less driver.
- The PCB board looks clean and elegant without any extra resistors.
- One BIN Only ensures perfect color consistency.
- SDCM 3.
- Wide CCT range.

## DIMENSION



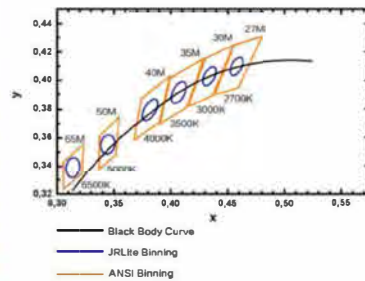
### Electrical data

Lumen efficiency	104lm/w(4000K)
SDCM	3 ( 2700K, 3000K, 4000K)
Ra	Ra90
SMD Type	2835
LEDs/m	120LEDs/m
Max current/LED	30mA
Voltage	DC24V(±0.5V)
Width	10 mm
Unitcut	50mm
Storage Temperature	-25°C /-13°F <sub>min</sub> 60°C /140°F <sub>max</sub>
LED PIN Temperature	Max.65°C /149°F
Life Span	>54000H
Waterproof rate	IP20
Warranty	5 Years

(Lm/m)

CCT	2700K	3000K	4000K	6500K	Max. Run Length
Power					
9.6W/M	800	960	1032	1056	17M
14.4W/M	1230	1400	1470	1500	13M

### Binning



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
VENUS	27=2700K	05000=5M/196.85"	144=14.4W
	30=3000K		
	40=4000K		
	65=6500K		

Example  
VENUS-27-05000-096:  
COVEFLEX VENUS, 2700K, 5M/reel,  
9.6W/m.

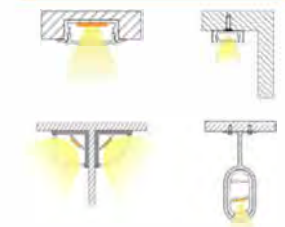
VENUS-65-13000-144:  
COVEFLEX VENUS, 6500K, 13M/reel,  
14.4W/m.

## PROFILES

Popular					
Cabinet					
Round					
Low and flat					
High and flat					

1. The profiles can be ordered separately or assembled with strip.
2. The strip lumen output will reduce about 15% with clear cover.
3. The strip lumen output will reduce about 25% with diffuse cover.
4. Opal/ lens cover is optional, please check case by case.
5. Standard available lengths are 1mtr. & 2mtr.
6. Connector/cable/product lengths can be customized, please check case by case.

### Installation



## DRIVER



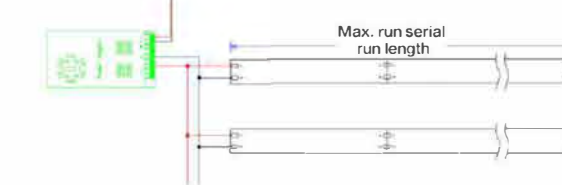
Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification.

Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification .  
Non dimmable.

Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.

Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

## WIRING



-Max. connection length depends on the wattage of the power supply and LED strip:

9.6W/M - 17M Max. Single Run Length  
14.4W/M - 13M Max. Single Run Length

-Please contact us if >150W power supply is needed.



## STRIP TO STRIP CONNECTION



Connector IP20  
Strip to strip  
Order code: SS20102P



Cut the LED strip in  
cutting points



Peel off the 3M tape  
from the LED strip.



Put the LED strip directly  
into the connector.



Close the connector till  
the cover is locked in.



Successful connection.

## STRIP TO CABLE CONNECTION



Connector IP20  
Strip to cable  
Order code: SC20102P



Put the required cable  
into connector.



Close the connector till  
the cover is locked in.



Successful connection.

## STRIP TO STRIP CORNER CONNECTION



Connector IP20 L shape  
Order code: SS20102PL



Connector IP20 T shape  
Order code: SS20102PT



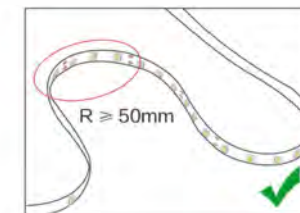
Connector IP20 cross  
shape  
Order code: SS20102PC

Note: The positive and negative pole should be connected correspondingly.



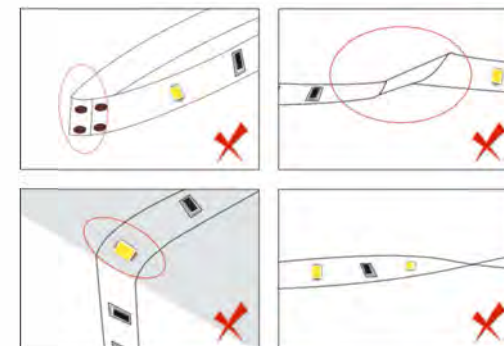
## APPLICATION

- Your best choice for indoor lighting, like living room, kitchen or bedroom.
- It's free to cut off and weld along with the cutting marks on the PCB. Supplied by the common constant voltage drivers.



## ADDITIONAL INFO.

- The LED strip bending radius is 50mm. Please do not fold with sharp angle or twist the LED strip.
- It will be likely to destroy the LED strip if exceed the maximum rated operating voltage.
- Please do not connect the LED strip beyond the maximum connecting length.
- LED strips are equipped with a self-adhesive tape for attaching the LED strip to suitable materials, such as aluminum profiles, which must be clean and free of oil or silicone coatings, as well as other dirt/dust particles. The adhesive tape is intended for single use and if removed may damage the material to which it is stuck and the LED module itself, which must then be scrapped.



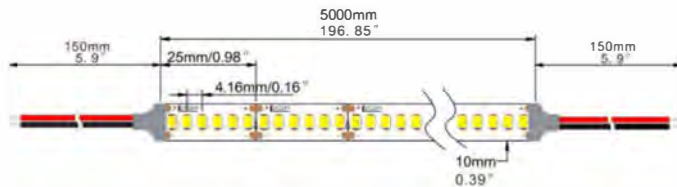


## COVEFLEX VENUS HD



- Longer length, less driver.
- High density minimizes the spots.
- One BIN Only ensures perfect color consistency.
- SDCM 3.
- Wide CCT range.

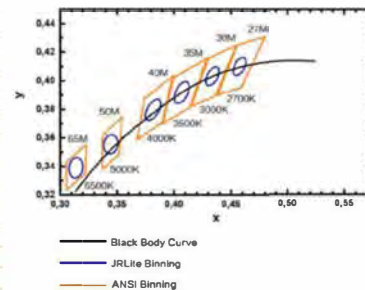
## DIMENSION



### Electrical data

Lumen efficiency	106lm/w(4000K)
SDCM	3 ( 2700K, 3000K, 4000K)
Ra	Ra90
SMD Type	2835
LEDs/m	240LEDs/m
Max current/LED	40mA@19.2W/M
Voltage	DC24V (± 0.5V)
Width	10mm
Unit cut	25mm
Storage Temperature	-25°C /-13°F <sub>min</sub> 60°C /140°F <sub>max</sub>
LED PIN Temperature	Max.65°C /149°F
Life Span	>54000H
Waterproof rate	IP20
Warranty	5 Years

### Binning



(Lm/m)

CCT	2700K	3000K	4000K	6500K	Max. Run Length
Power	1800	1920	2050	2100	9M
19.2W/M					



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
VENUS HD	27=2700K	05000=5M/196.85"	192=19.2W
	30=3000K		
	40=4000K		
	65=6500K		

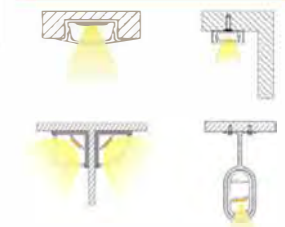
Example  
VENUS HD-65-09000-192:  
COVEFLEX VENUS HD, 6500K, 9M/  
reel, 19.2W/m.

## PROFILES

Popular	AP-1415	AP-2010	AP-1202	AP-1103	AP-1101
Cabinet	AP-1002	AP-V04	AP-4319	AP-3420	AP-1401
Round	AP-1353	AP-1608	AP-01-1	AP-1106	AP-2020
Low and flat	AP-1205	AP-1204	AP-1102	AP-1104	AP-2810
High and flat	AP-1503	AP-1604	AP-1602	AP-1605	AP-2121

1. The profiles can be ordered separately or assembled with strip.
2. The strip lumen output will reduce about 15% with clear cover.
3. The strip lumen output will reduce about 25% with diffuse cover.
4. Opal/ lens cover is optional, please check case by case.
5. Standard available lengths are 1mtr. & 2mtr.
6. Connector/cable/product lengths can be customized, please check case by case.

### Installation



## DRIVER



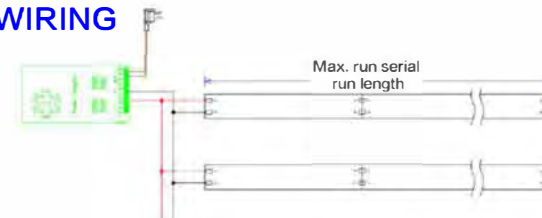
Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification.

Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non dimmable.

Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.

Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

## WIRING



-Max. connection length depends on the wattage of the power supply and LED strip:

19.2W/M - 9M Max. Single Run Length

-Please contact us if >150W power supply is needed.

## STRIP TO STRIP CONNECTION



Connector IP20  
Strip to strip  
Code: SS20102P-HD



Cut the LED strip in  
cutting points



Peel off the 3M tape  
from the LED strip.



Put the LED strip directly  
into the connector.



Close the connector till  
the cover is locked in.



Successful connection.

## STRIP TO CABLE CONNECTION



Connector IP20  
Strip to cable  
Code: SC20102P-HD



Put the required cable  
into connector.



Close the connector till  
the cover is locked in.



Successful connection.

## STRIP TO STRIP CORNER CONNECTION



Connector IP20 L shape  
Order code: SS20102PL



Connector IP20 T shape  
Order code: SS20102PT



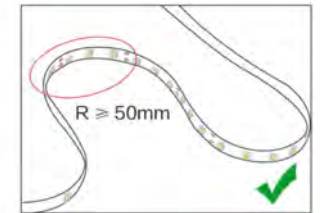
Connector IP20 cross  
shape  
Order code: SS20102PC

Note: The positive and negative pole should be connected correspondingly.



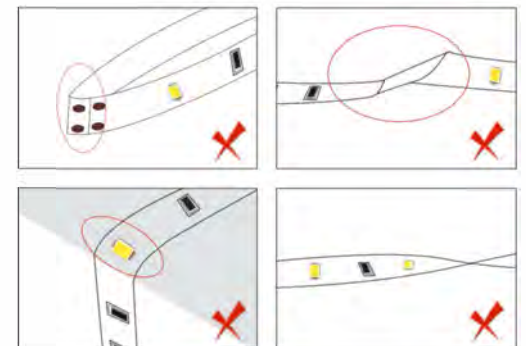
## APPLICATION

- Constant current IC built-in LED ensures same brightness at both ends.
- Longer max. run length of 9M makes connection much easier to save installation cost.



## ADDITIONAL INFO.

- The LED strip bending radius is 50mm. Please do not fold with sharp angle or twist the LED strip.
- It will be likely to destroy the LED strip if exceed the maximum rated operating voltage.
- Please do not connect the LED strip beyond the maximum connecting length.
- LED strips are equipped with a self-adhesive tape for attaching the LED strip to suitable materials, such as aluminum profiles, which must be clean and free of oil or silicone coatings, as well as other dirt/dust particles. The adhesive tape is intended for single use and if removed may damage the material to which it is stuck and the LED module itself, which must then be scrapped.



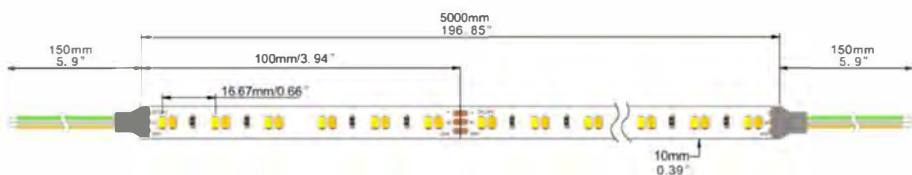


## COVEFLEX POP IQ



- Two LED with 2700K and 6500K that together create a dynamic light spectrum.
- Set the light color temperature in the room according to the desired mood.
- One BIN Only ensures perfect color consistency.
- CRI80 and CRI90 optional.
- SDCM 3.
- Wide CCT range.

## DIMENSION



### Electrical data

Lumen efficiency	78lm/w
SDCM	3 ( 2700K, 3000K, 4000K)
Ra	Ra90; Ra80 optional
SMD Type	2835
LEDs/m	120LEDs/m
Max current/LED	50mA
Voltage	DC24V(12V Optional; $\pm 0.5V$ )
Width	10mm
Unit cut	100mm
Storage Temperature	-25°C / -13°F <sub>min</sub> 60°C / 140°F <sub>max</sub>
LED PIN Temperature	Max.65°C / 149°F
Life Span	>54000H
Waterproof rate	IP20
Warranty	5 Years

- Adjustable color temperature via dual white: 2700K-6500K
- Easy mounting on many smooth surfaces thanks to self-adhesive tape at the back
- Simple mounting and connection

CCT	LM/Mtr	Max. Watt	Max. Run Length
2700K	816	12W/M	5M
6500K	1050	12W/M	5M
2700K+6500K	1866	24W/M	5M



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
POP IQ	2765=2700K+6500K	05000=5M/196.85"	240=24W

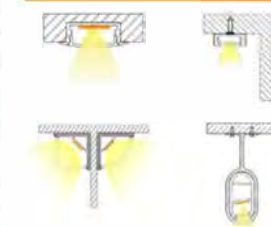
Example  
POP IQ-2765-05000-240:  
COVEFLEX POP Tunable White,  
2700K+6500K, 5M/reel, 24W/m.

## PROFILES

Popular					
Cabinet					
Round					
Low and flat					
High and flat					

1. The profiles can be ordered separately or assembled with strip.
2. The strip lumen output will reduce about 15% with clear cover.
3. The strip lumen output will reduce about 25% with diffuse cover.
4. Opal/ lens cover is optional, please check case by case.
5. Standard available lengths are 1mtr. & 2mtr.
6. Connector/cable/product lengths can be customized, please check case by case.

### Installation



## DRIVERS

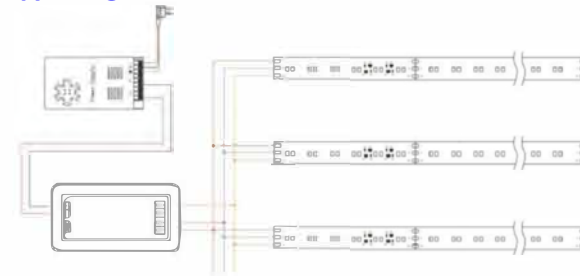


Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification.



Order code: M2+M3-3A  
RF Controller 144W  
DC24V, 3A\*2Channel, Max 6A  
IP20, Support remote control.

## WIRES



-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

-Please contact us if >150W power supply is needed.



## STRIP TO STRIP CONNECTION



Connector IP20  
Strip to strip  
Order code: SS20103P



Cut the LED strip in  
cutting points



Peel off the 3M tape  
from the LED strip.



Put the LED strip directly  
into the connector.



Close the connector till  
the cover is locked in.



Successful connection.

## STRIP TO CABLE CONNECTION



Connector IP20  
Strip to cable  
Order code: SC20103P



Put the required cable  
into connector.

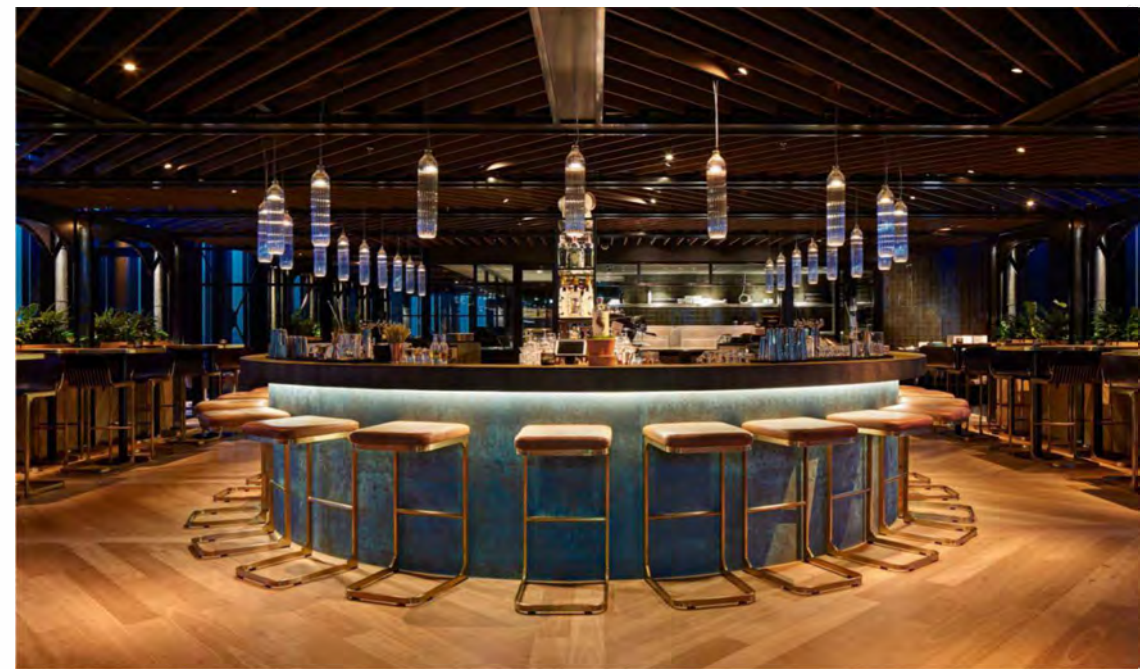


Close the connector till  
the cover is locked in.



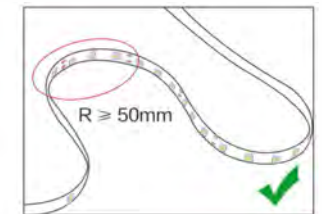
Successful connection.

Note: The positive and negative pole should be connected correspondingly.



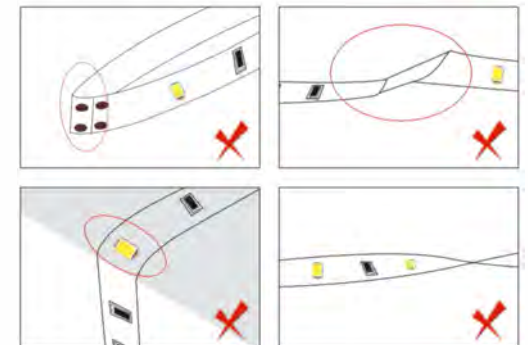
## APPLICATION

- It is ideal for accent and decorative lighting in almost all indoor projects like bar, canteen, hotel, shopping mall contour lighting.
- One strip with both warm and cold color temperature enables to meet various atmosphere and environment.



## ADDITIONAL INFO.

- The LED strip bending radius is 50mm. Please do not fold with sharp angle or twist the LED strip.
- It will be likely to destroy the LED strip if exceed the maximum rated operating voltage.
- Please do not connect the LED strip beyond the maximum connecting length.
- LED strips are equipped with a self-adhesive tape for attaching the LED strip to suitable materials, such as aluminum profiles, which must be clean and free of oil or silicone coatings, as well as other dirt/dust particles. The adhesive tape is intended for single use and if removed may damage the material to which it is stuck and the LED module itself, which must then be scrapped.

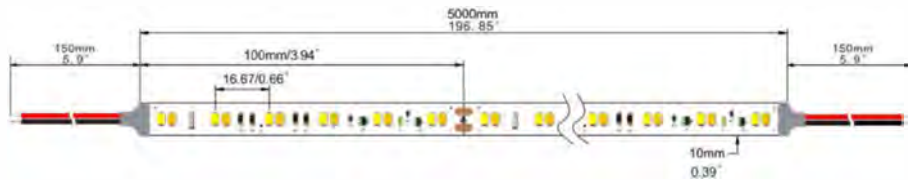


## COVEFLEX MOOD



-SMD2835 Dim to Warm led strip.  
-Dims from 2100K to 3500K, CCT gets warmer when brightness goes down.  
-Silicon control, 0/1-10V, and PWM constant voltage dimmable are acceptable.

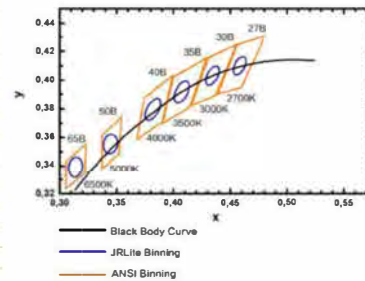
## DIMENSION



### Electrical data

Lumen efficiency	88lm/w
Ra	Ra80/Ra90 optional
SMD Type	2835
LEDs/m	120LEDs/m
Max current/LED	30mA@14.4W/M
Voltage	DC24V (±0.5V)
Width	10mm
Unit cut	100mm
Storage Temperature	-25°C / -13°F <sub>max</sub> 60°C / 140°F <sub>max</sub>
LED PIN Temperature	Max.65°C / 149°F
Life Span	>54000H
Waterproof rate	IP20
Warranty	5 Years

### Binning



(Lm/m)

CCT	Dim to warm 2100-3500K	Max. Run Length
Power	Max lumen 1466LM/M	5M



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
MOOD	2135=2100K+3500K	05000=5M/196.85"	144=14.4W

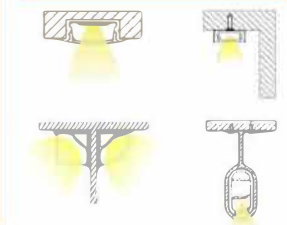
Example  
MOOD-2135-05000-144:  
COVEFLEX MOOD, 2100K+3500K, 5M/  
reel, 14.4W/m.

## PROFILES

Popular	AP-1415	AP-2015	AP-1202	AP-1103	AP-1101
Cabinet	AP-1002	AP-V04	AP-4319	AP-3420	AP-1401
Round	AP-1303	AP-1608	AP-01-1	AP-1106	AP-2020
Low and flat	AP-1205	AP-1204	AP-1102	AP-1104	AP-2810
High and flat	AP-1809	AP-1804	AP-1602	AP-1605	AP-2121

1. The profiles can be ordered separately or assembled with strip.
2. The strip lumen output will reduce about 15% with clear cover.
3. The strip lumen output will reduce about 25% with diffuse cover.
4. Opal/ lens cover is optional, please check case by case.
5. Standard available lengths are 1mtr. & 2mtr.
6. Connector/cable/product lengths can be customized, please check case by case.

### Installation



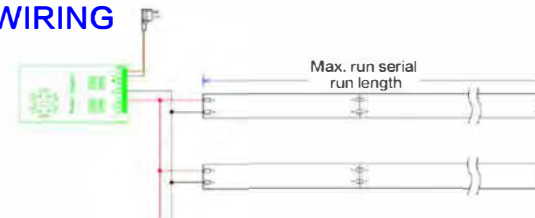
## DRIVER



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.

Order code: M1+M3-3A  
RF WIRELESS controller  
12-24VDC, Max 9A.

## WIRING



-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

-Please contact us if >150W power supply is needed.



## STRIP TO STRIP CONNECTION



Connector IP20  
Strip to strip  
Order code: SS20102P



Cut the LED strip in  
cutting points



Peel off the 3M tape  
from the LED strip.



Put the LED strip directly  
into the connector.



Close the connector till  
the cover is locked in.



Successful connection.

## STRIP TO CABLE CONNECTION



Connector IP20  
Strip to cable  
Order code: SC20102P



Put the required cable  
into connector.



Close the connector till  
the cover is locked in.



Successful connection.

## STRIP TO STRIP CORNER CONNECTION



Connector IP20 L shape  
Order code: SS20102PL



Connector IP20 T shape  
Order code: SS20102PT



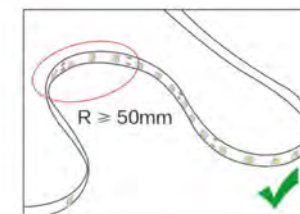
Connector IP20 cross  
shape  
Order code: SS20102PC

Note: The positive and negative pole should be connected correspondingly.



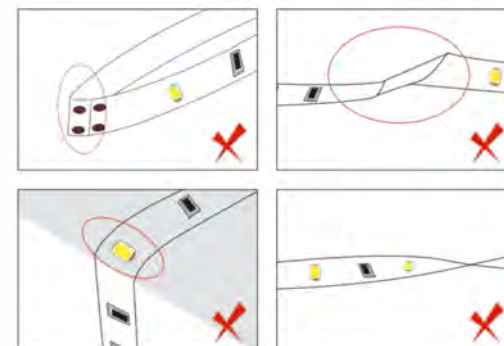
## APPLICATION

- Suitable for decorative lighting, boutique atmosphere lighting, such as living room, bedroom, restaurant, etc.
- It can be used with regular constant-voltage drivers and 1~10V dimmer, to achieve CCT changes.



## ADDITIONAL INFO.

- The LED strip bending radius is 50mm. Please do not fold with sharp angle or twist the LED strip.
- It will be likely to destroy the LED strip if exceed the maximum rated operating voltage.
- Please do not connect the LED strip beyond the maximum connecting length.
- LED strips are equipped with a self-adhesive tape for attaching the LED strip to suitable materials, such as aluminum profiles, which must be clean and free of oil or silicone coatings, as well as other dirt/dust particles. The adhesive tape is intended for single use and if removed may damage the material to which it is stuck and the LED module itself, which must then be scrapped.





## COVEFLEX FULOS



- SMD5050 RGB, the most popular color items.
- Change color as you desired.
- One BIN Only ensures perfect color consistency.
- Work with the common controllers in the market.

## DIMENSION



### Electrical data

Lumen efficiency	35lm/w
SMD Type	5050
LEDs/m	60LEDs/m
Max current/LED	20mA@14.4W/M
Voltage	DC24V(12V optional; $\pm 0.5V$ )
Width	10mm
Unit cut	100mm
Storage Temperature	-25°C / -13°F <sub>min</sub> , 60°C / 140°F <sub>max</sub>
LED PIN Temperature	Max.65°C / 149°F
Life Span	>54000H
Waterproof rate	IP20
Warranty	3 Years

- Flexible and cuttable LED strip with multichip RGB LED
- Uniform color changing
- Simple mounting and connection

CCT	LM/Mtr	Max. Watt	Max. Run Length
R	150	4.8W/M	5M
G	270	4.8W/M	5M
B	80	4.8W/M	5M
RGB	660	14.4W/M	5M



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
FULOS	RGB	05000=5M/196.85"	144=14.4W

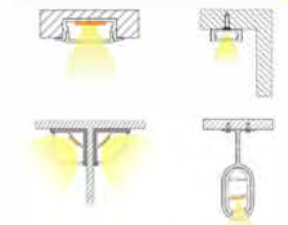
Example  
FULOS-RGB-05000-144:  
COVEFLEX FULOS, RGB, 5M/reel,  
14.4W/m.

## PROFILES

Popular					
Cabinet					
Round					
Low and flat					
High and flat					

1. The profiles can be ordered separately or assembled with strip.
2. The strip lumen output will reduce about 15% with clear cover.
3. The strip lumen output will reduce about 25% with diffuse cover.
4. Opal/ lens cover is optional, please check case by case.
5. Standard available lengths are 1mtr. & 2mtr.
6. Connector/cable/product lengths can be customized, please check case by case.

### Installation



## DRIVERS



Order code: LRS-150-24  
85-132VAC/170-264VAC  
by switch DC24V 150W  
IP20, global certification.



Order code: M6+M3-3A  
RF Controller 216W  
DC24V, 3A\*3Channel, Max 9A  
IP20, Support remote control.

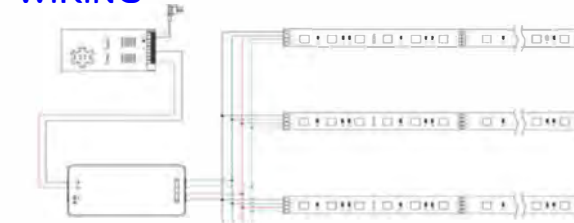


Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

## WIRING



-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

-Please contact us if >150W power supply is needed.

## STRIP TO STRIP CONNECTION



Connector IP20  
Strip to strip  
Order code: SS20104P



Cut the LED strip in  
cutting points



Peel off the 3M tape  
from the LED strip.



Put the LED strip directly  
into the connector.



Close the connector till  
the cover is locked in.



Successful connection.

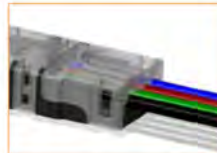
## STRIP TO CABLE CONNECTION



Connector IP20  
Strip to cable  
Order code: SC20104P



Put the required cable  
into connector.



Close the connector till  
the cover is locked in.



Successful connection.

## STRIP TO STRIP CORNER CONNECTION



Connector IP20 L shape  
Order code: SS20104PL

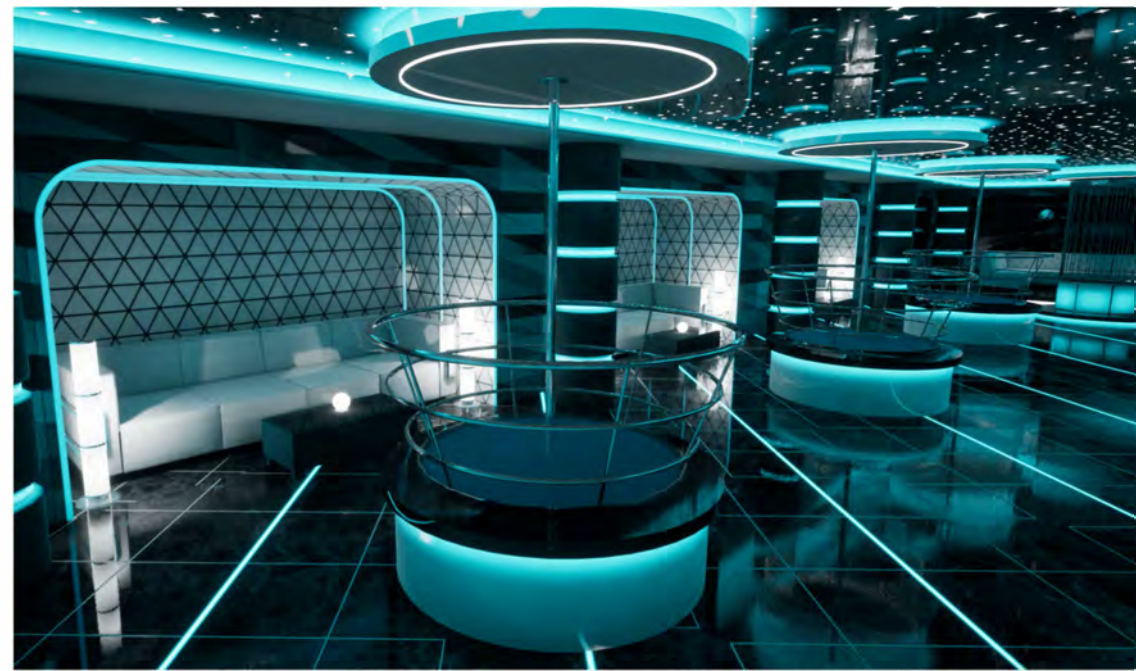


Connector IP20 T shape  
Order code: SS20104PT



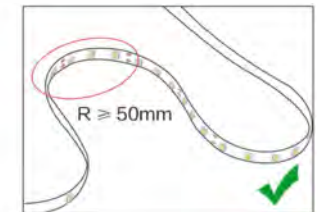
Connector IP20 cross  
shape  
Order code: SS20104PC

Note: The positive and negative pole should be connected correspondingly.



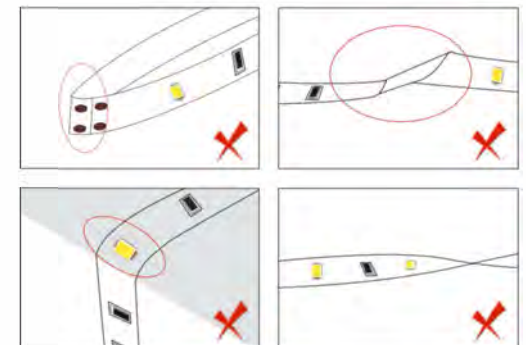
## APPLICATION

- ▶ With the RGB controller, it can switch different colors as you need.
- ▶ Flexible application for holiday light sculpture, decorative figure, active signs, displays, shop windows, and so on.



## ADDITIONAL INFO.

- ▶ The LED strip bending radius is 50mm. Please do not fold with sharp angle or twist the LED strip.
- ▶ It will be likely to destroy the LED strip if exceed the maximum rated operating voltage.
- ▶ Please do not connect the LED strip beyond the maximum connecting length.
- ▶ LED strips are equipped with a self-adhesive tape for attaching the LED strip to suitable materials, such as aluminum profiles, which must be clean and free of oil or silicone coatings, as well as other dirt/dust particles. The adhesive tape is intended for single use and if removed may damage the material to which it is stuck and the LED module itself, which must then be scrapped.



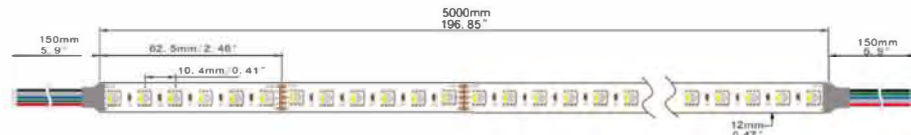


## COVEFLEX VIVI



- SMD5050 RGBW (4 in1), adopts single LED with 4 chips.
- Changeable colors and speed freely with RGBW controller.
- One BIN Only ensures perfect color consistency.
- Cold white, natural white and warm white are all available.

## DIMENSION



### Electrical data

Lumen efficiency	58lm/w(W=4000K)
Ra	Ra80
SMD Type	5050
LEDs/m	96LEDs/m
Max current/LED	12.5mA@19.2W/M
Voltage	DC24V(±0.5V)
Width	12mm
Unit cut	62.5mm
Storage Temperature	-25°C / -13°F <sub>min</sub> 60°C / 140°F <sub>max</sub>
LED PIN Temperature	Max.65°C / 149°F
Life Span	>54000H
Waterproof rate	IP20
Warranty	3 Years

- Dynamic effects in public zones
- Uniform color changing
- Simplified connection with matching connector

CCT	LM/Mtr	Max. Watt	Max. Run Length
R	149	4.8W/M	5M
G	379	4.8W/M	5M
B	106	4.8W/M	5M
W30	456	4.8W/M	5M
W40	484	4.8W/M	5M
W65	490	4.8W/M	5M
RGBW40	1182	19.2W/M	5M



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
VIVI	RGBW30=RGB+3000K	05000=5M/196.85"	192=19.2W
	RGBW40=RGB+4000K		
	RGBW65=RGB+6500K		

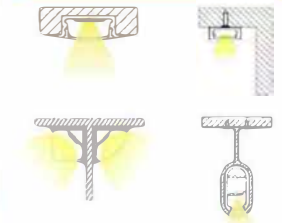
Example  
VIVI-RGBW65-05000-192:  
COVEFLEX VIVI, RGB+6500K,  
5M/reel, 19.2W/m.

## PROFILES

Popular	AP-1415	AP-2015	AP-1202	AP-1512	AP-1910
Cabinet	AP-1203	AP-V54	AP-4319	AP-3420	AP-1401
Round	AP-1303	AP-1508	AP-01-1	AP-1502	AP-2020
Low and flat	AP-1205	AP-1204	AP-1606	AP-1610	AP-2610
High and flat	AP-1609	AP-1604	AP-1602	AP-1605	AP-2121

1. The profiles can be ordered separately or assembled with strip.
2. The strip lumen output will reduce about 15% with clear cover.
3. The strip lumen output will reduce about 25% with diffuse cover.
4. Opal/ lens cover is optional, please check case by case.
5. Standard available lengths are 1mtr. & 2mtr.
6. Connector/cable/product lengths can be customized, please check case by case.

### Installation



## DRIVER



Order code:LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification.



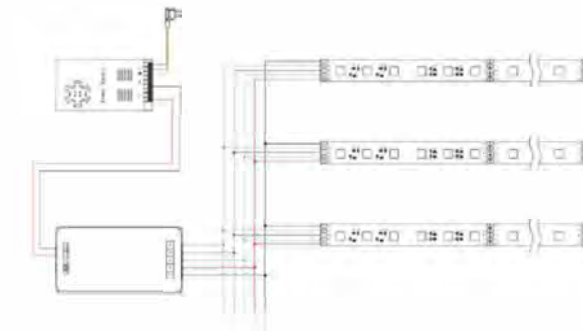
Order code: M4+M4-3A  
RF Controller 288W  
DC24V, 3A\*4 Channel, Max 12A  
IP20, Support remote control.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.



-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

-Please contact us if >150W power supply is needed.



## STRIP TO STRIP CONNECTION



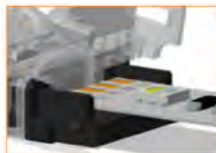
Connector IP20  
Strip to strip  
Order code: SS20125P



Cut the LED strip in  
cutting points



Peel off the 3M tape  
from the LED strip.



Put the LED strip directly  
into the connector.



Close the connector till  
the cover is locked in.



Successful connection.

## STRIP TO CABLE CONNECTION



Connector IP20  
Strip to cable  
Order code: SC20125P



Put the required cable  
into connector.

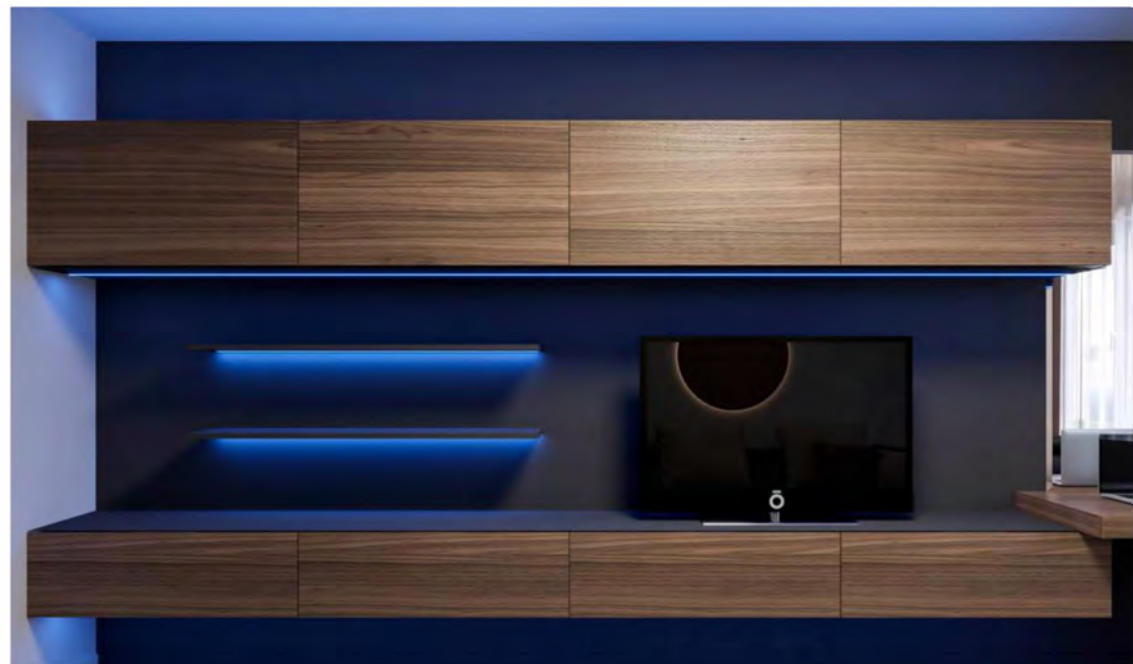


Close the connector till  
the cover is locked in.



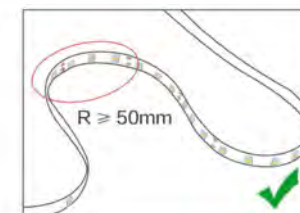
Successful connection.

Note: The positive and negative pole should be connected correspondingly.



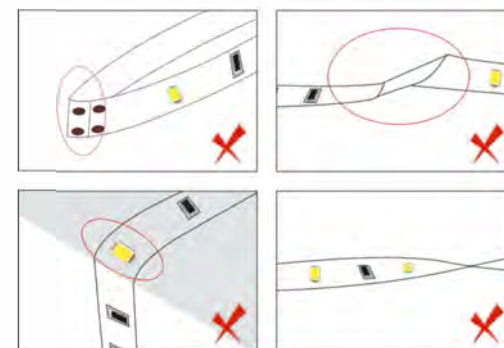
## APPLICATION

- Widely used for home decoration, hotels, clubs, bar, shopping malls.
- Suitable for brightening of city outline, such as facade lighting, advertising walls, signboards, Christmas landscape decoration, and so on.



## ADDITIONAL INFO.

- The LED strip bending radius is 50mm. Please do not fold with sharp angle or twist the LED strip.
- It will be likely to destroy the LED strip if exceed the maximum rated operating voltage.
- Please do not connect the LED strip beyond the maximum connecting length.
- LED strips are equipped with a self-adhesive tape for attaching the LED strip to suitable materials, such as aluminum profiles, which must be clean and free of oil or silicone coatings, as well as other dirt/dust particles. The adhesive tape is intended for single use and if removed may damage the material to which it is stuck and the LED module itself, which must then be scrapped.

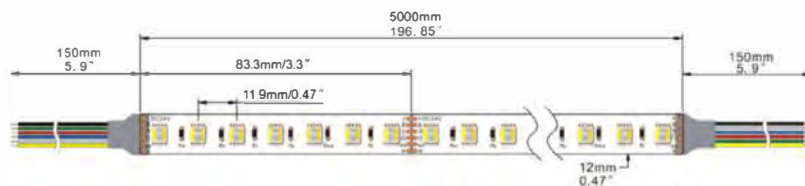


## COVEFLEX PEFI



-SMD5050 RGBWW (5 in1), adopts single LED with 5 chips. RGB+ cold white (6000-6500k)+warm white(2200-2400k).  
-Using RGB+W+WW controller can achieve any flashing effects.  
-One BIN Only ensures perfect color consistency.

## DIMENSION



### Electrical data

Lumen efficiency	63lm/w
Ra	Ra80
SMD Type	5050
LEDs/m	84LEDs/m
Max current/LED	13.3mA@19.2W/M
Voltage	DC24V (±0.5V)
Width	12mm
Unit cut	83.3mm
Storage Temperature	-25°C / -13°F <sub>min</sub> 60°C / 140°F <sub>max</sub>
LED PIN Temperature	Max.65°C / 149°F
Life Span	>54000H
Waterproof rate	IP20
Warranty	3 Years

-Uniform color changing  
-Great design freedom thanks to flexibility and cuttability of PCB  
-Toolless connection with the suitable connector

CCT	LM/Mtr	Max. Watt	Max. Run Length
R	118	3.8W/M	5M
G	300	3.8W/M	5M
B	84	3.8W/M	5M
W24	342	3.8W/M	5M
W65	388	3.8W/M	5M
RGBWW	1220	19.2W/M	5M



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
PEFI	RGBWW=RGB+2400K+6500K	05000=5M/196.85"	192=19.2W

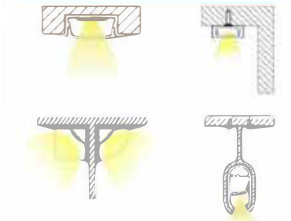
Example  
PEFI-RGBWW-05000-192:  
COVEFLEX PEFI, RGB+2400K+6500K,  
5M/real, 19.2W/m.

## PROFILES

Popular	AP-1415	AP-2015	AP-1202	AP-1612	AP-1910
Cabinet	AP-1203	AP-1604	AP-1418	AP-3420	AP-1401
Round	AP-1303	AP-1608	AP-01-1	AP-1302	AP-2020
Low and flat	AP-1205	AP-1304	AP-1606	AP-1610	AP-2610
High and flat	AP-1609	AP-1604	AP-1902	AP-1605	AP-2121

1. The profiles can be ordered separately or assembled with strip.
2. The strip lumen output will reduce about 15% with clear cover.
3. The strip lumen output will reduce about 25% with diffuse cover.
4. Opal/ lens cover is optional, please check case by case.
5. Standard available lengths are 1mtr. & 2mtr.
6. Connector/cable/product lengths can be customized, please check case by case.

### Installation



## DRIVER



Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification.



Order code: Q5 + F5-DMX-4A  
DC24V, 4A\*5 Channel, Max  
20A, IP20, support remote  
control.

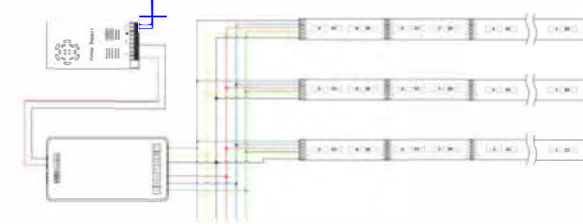


Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

## WIRING



-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

-Please contact us if >150W power supply is needed.

## STRIP TO STRIP CONNECTION



Connector IP20  
Strip to strip  
Order code: SS20126P



Cut the LED strip in  
cutting points



Peel off the 3M tape  
from the LED strip.



Put the LED strip directly  
into the connector.



Close the connector till  
the cover is locked in.



Successful connection.

## STRIP TO CABLE CONNECTION



Connector IP20  
Strip to cable  
Order code: SC20126P



Put the required cable  
into connector.

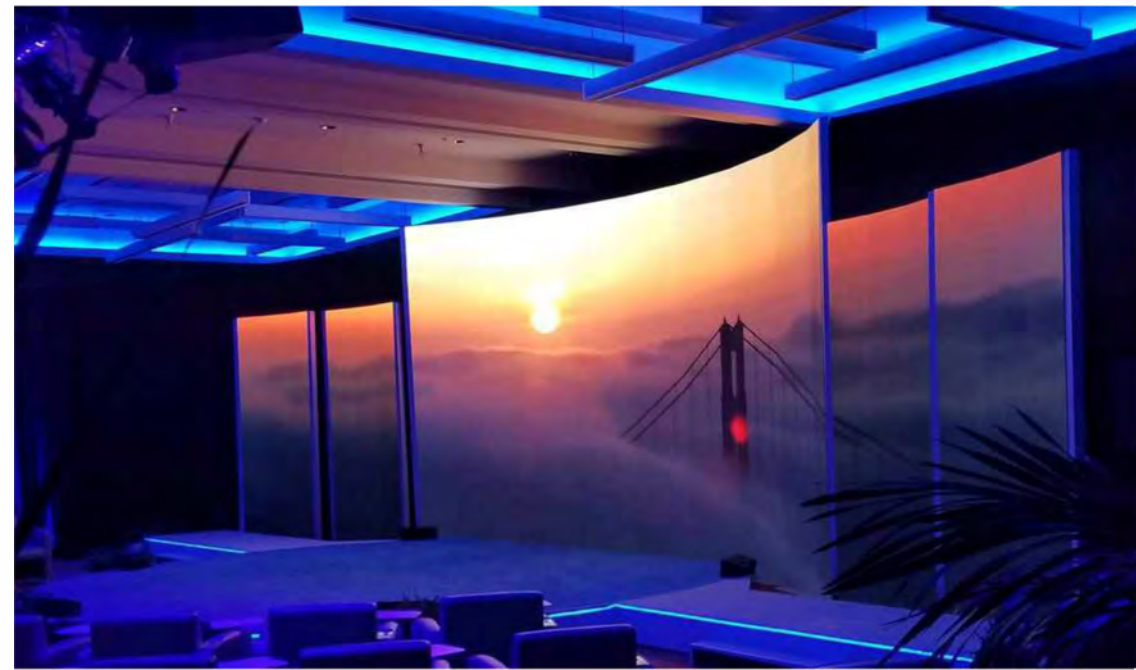


Close the connector till  
the cover is locked in.



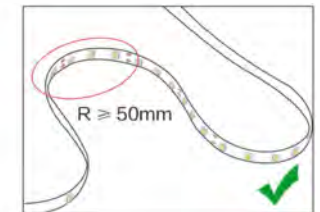
Successful connection.

Note: The positive and negative pole should be connected correspondingly.



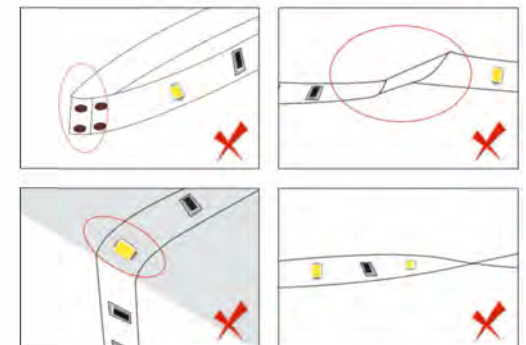
## APPLICATION

- Can be mounted on bar, windows, archways, canopies or corridors for architectural lighting, also suitable for decorative lighting in holidays, exhibitions etc.
- With changeable colors and speed automatically and periodically, RGBWW is perfect for various applications, including film lighting, stage lighting and commercial lighting.



## ADDITIONAL INFO.

- The LED strip bending radius is 50mm. Please do not fold with sharp angle or twist the LED strip.
- It will be likely to destroy the LED strip if exceed the maximum rated operating voltage.
- Please do not connect the LED strip beyond the maximum connecting length.
- LED strips are equipped with a self-adhesive tape for attaching the LED strip to suitable materials, such as aluminum profiles, which must be clean and free of oil or silicone coatings, as well as other dirt/dust particles. The adhesive tape is intended for single use and if removed may damage the material to which it is stuck and the LED module itself, which must then be scrapped.





Polyurethane surface coating

# IP65

- 1.It is no yellowish, no breakage, no smell thanks to top -grade Polyurethane surface
- 2.JRLite use led in 3-step MacAdam ellipse one bin only. In this way, we could promise color consistency from reel to reel and order to order.
- 3.With Polyurethane surface coating, it is IP65 protection. It could be widely used interior and some wet areas.



## COVEFLEX NUNU



- Fancy looking with Polyurethane surface coating.
- No yellowish, no smelling, no breakage, extremely flexible.
- One BIN Only ensures perfect color consistency.
- SDCM 3.
- Wide CCT range.

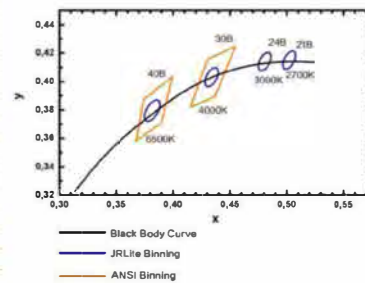
## DIMENSION



### Electrical data

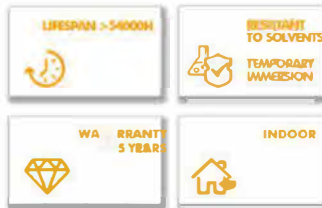
Lumen efficiency	90lm/w(4000K)
Ra	Ra90; Ra80 optional
SMD Type	2835
LEDs/m	120LEDs/m
Max current/LED	50mA@24W/M
Voltage	DC24V(12V Optional; $\pm 0.5V$ )
Max Reel Length	5000mm
Width	10mm
Unitcut	50mm
Storage Temperature	-25°C / -13°F <sub>min</sub> 60°C / 140°F <sub>max</sub>
LED PIN Temperature	Max.65°C / 149°F
Life Span	>54000H
Waterproof rate	IP65
Warranty	5 Years

### Binning



(Lm/m)

CCT \ Power	2700K	3000K	4000K	6500K	Max. Run Length
4.8W/M	470	485	500	512	5M
9.6W/M	840	860	880	890	5M
14.4W/M	1176	1195	1266	1268	5M
19.2W/M	1500	1535	1620	1632	5M
24W/M	1800	1870	1944	1950	5M



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
NUNU	27=2700K	05000=5M/196.85"	048=4.8W
	30=3000K		096=9.6W
	40=4000K		144=14.4W
	65=6500K		192=19.2W
			240=24W

Example  
NUNU-27-05000-048:  
COVEFLEX NUNU, 2700K, 5M/reel,  
4.8W/m.

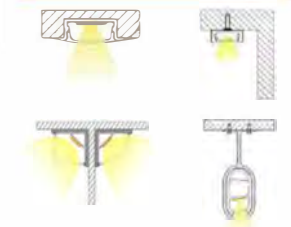
NUNU-65-01500-240:  
COVEFLEX NUNU, 6500K, 1.5M/reel,  
24W/m.

## PROFILES

Popular	AP-1415	AP-2015	AP-1202	AP-1102	AP-1101
Cabinet	AP-1002	AP-V04	AP-4310	AP-3430	AP-1401
Round	AP-1301	AP-1601	AP-01-1	AP-1101	AP-2020
Low and flat	AP-1205	AP-1304	AP-1102	AP-1104	AP-2610
High and flat	AP-1009	AP-1604	AP-1602	AP-1605	AP-2121

1. The profiles can be ordered separately or assembled with strip.
2. The strip lumen output will reduce about 15% with clear cover.
3. The strip lumen output will reduce about 25% with diffuse cover.
4. Opal/ lens cover is optional, please check case by case.
5. Standard available lengths are 1mtr. & 2mtr.
6. Connector/cable/product lengths can be customized, please check case by case.

### Installation



## DRIVER



Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non dimmable.

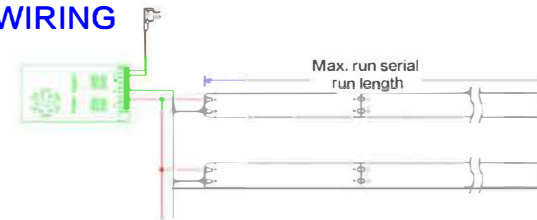


Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

## WIRING



-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

-Please contact us if >150W power supply is needed.

## STRIP TO STRIP CONNECTION



Connector IP65  
Strip to strip  
Order code: SS65102P



Cut the LED strip in  
cutting points



Peel off the 3M tape  
from the LED strip.



Put the LED strip directly  
into the connector.



Close the connector till  
the cover is locked in.



Successful connection.

## STRIP TO CABLE CONNECTION



Connector IP65  
Strip to cable  
Order code: SC65102P



Put the required cable  
into connector.



Close the connector till  
the cover is locked in.



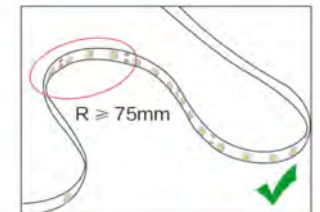
Successful connection.

Note: The positive and negative pole should be connected correspondingly.



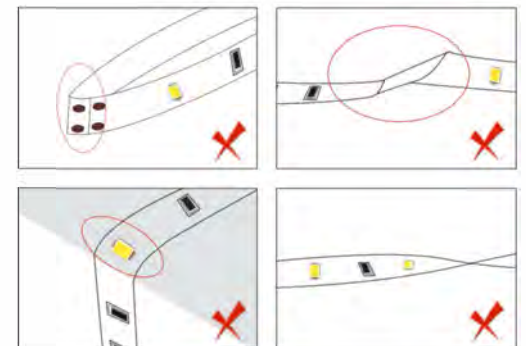
## APPLICATION

- Extensively applied in bathroom, kitchen and any wet locations.
- It is perfectly widely used in cove lighting, and ideal solution to replace T5 tube, can be directly installed without profile.



## ADDITIONAL INFO.

- The LED strip bending radius is 75mm. Please do not fold with sharp angle or twist the LED strip.
- It will be likely destroy the LED strip if exceed the maximum rated operating voltage.
- Please do not connect the LED strip beyond the maximum connecting length.
- LED strips are equipped with a self-adhesive tape for attaching the LED strip to suitable materials, such as aluminum profiles, which must be clean and free of oil or silicone coatings, as well as other dirt/dust particles. The adhesive tape is intended for single use and if removed may damage the material to which it is stuck and the LED module itself, which must then be scrapped.



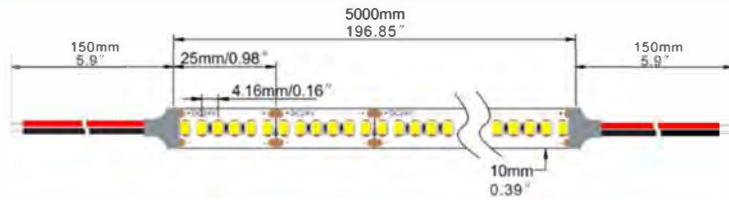


## COVEFLEX NUNU HD



- Good light output thanks to short LED distance and high color consistency.
- Easy mounting on many smooth surfaces with self-adhesive tape at the back.
- One BIN Only ensures perfect color consistency.
- SDCM 3.
- Wide CCT range.

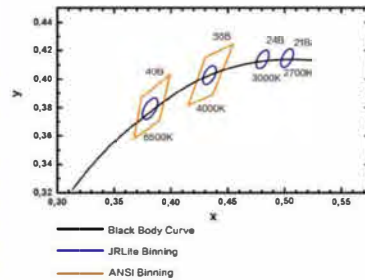
## DIMENSION



### Electrical data

Lumen efficiency	92lm/w(4000K)
Ra	Ra90; Ra80 optional
SMD Type	2835
LEDs/m	240LEDs/m
Max current/LED	50mA@24W/M
Voltage	DC24V(±0.5V)
Max Reel Length	5000mm
Width	10mm
Unit cut	25mm
Storage Temperature	-25°C /-13°F <sub>min</sub> 60°C /140°F <sub>max</sub>
LED PIN Temperature	Max.65°C /149°F
Life Span	>54000H
Waterproof rate	IP65
Warranty	5 Years

### Binning



(Lm/m)

CCT	2700K	3000K	4000K	6500K	Max. Run Length
Power					
4.8W/M	432	450	480	500	5M
9.6W/M	920	930	960	990	5M
14.4W/M	1260	1280	1330	1368	5M
19.2W/M	1680	1720	1760	1780	5M
24W/M	2000	2080	2130	2160	5M



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
NUNU HD	27=2700K	05000=5M/196.85"	048=4.8W
	30=3000K		096=9.6W
	40=4000K		144=14.4W
	65=6500K		192=19.2W
			240=24W

Example  
NUNU HD-27-05000-048:  
COVEFLEX NUNU HD, 2700K, 5M/reel,  
4.8W/m.

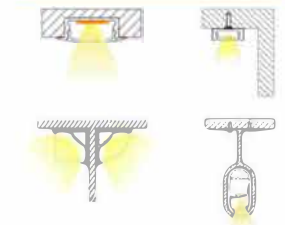
NUNU HD-65-01500-240:  
COVEFLEX NUNU HD, 6500K, 1.5M/  
reel, 24W/m.

## PROFILES

Popular	AP-1415	AP-2015	AP-1202	AP-1103	AP-1101
Cabinet	AP-1002	AP-V54	AP-4315	AP-3420	AP-1401
Round	AP-1303	AP-1605	AP-G1-1	AP-1105	AP-2020
Low and flat	AP-1205	AP-1204	AP-1102	AP-1104	AP-2610
High and flat	AP-1503	AP-1604	AP-1602	AP-1605	AP-2121

1. The profiles can be ordered separately or assembled with strip.
2. The strip lumen output will reduce about 15% with clear cover.
3. The strip lumen output will reduce about 25% with diffuse cover.
4. Opal/ lens cover is optional, please check case by case.
5. Standard available lengths are 1mtr. & 2mtr.
6. Connector/cable/product lengths can be customized, please check case by case.

### Installation



## DRIVER



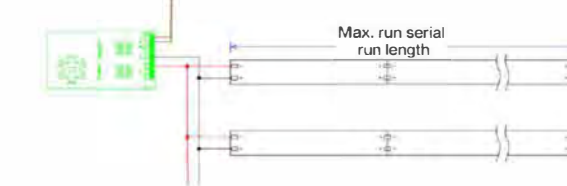
Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification.

Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non dimmable.

Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.

Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

## WIRING



-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

-Please contact us if >150W power supply is needed.

## STRIP TO STRIP CONNECTION



Connector IP65  
Strip to strip  
Order code: SS65102P-  
HD



Cut the LED strip in  
cutting points



Peel off the 3M tape  
from the LED strip.



Put the LED strip directly  
into the connector.



Close the connector till  
the cover is locked in.



Successful connection.

## STRIP TO CABLE CONNECTION



Connector IP65  
Strip to cable  
Order code: SC65102P-  
HD



Put the required cable  
into connector.

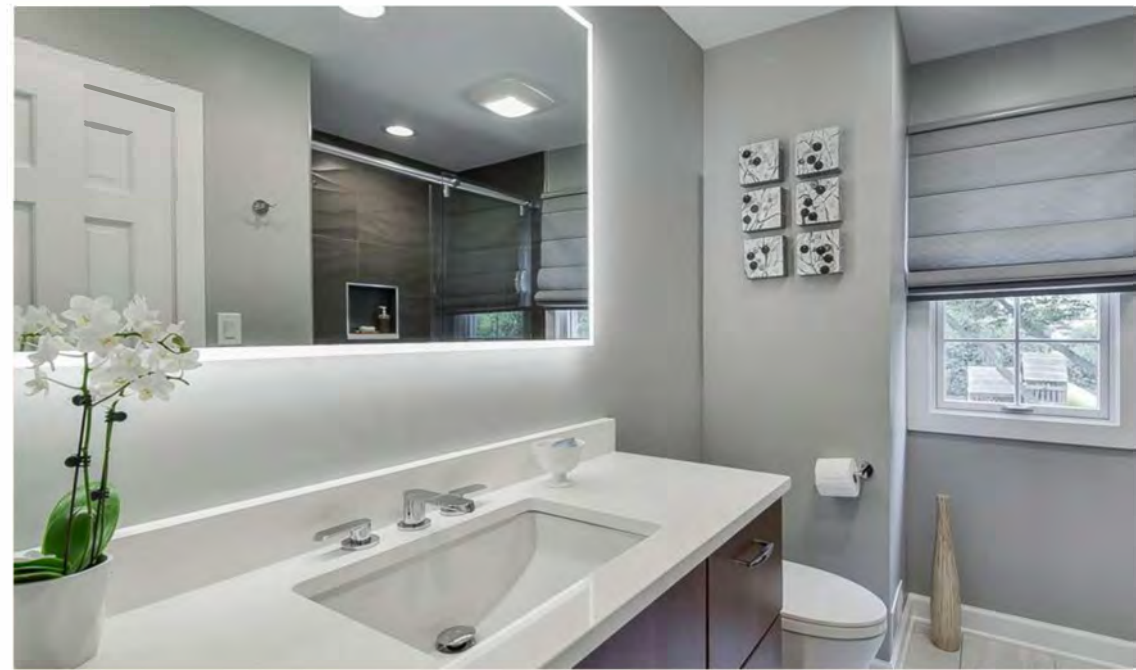


Close the connector till  
the cover is locked in.



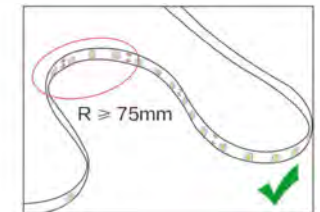
Successful connection.

Note: The positive and negative pole should be connected correspondingly.



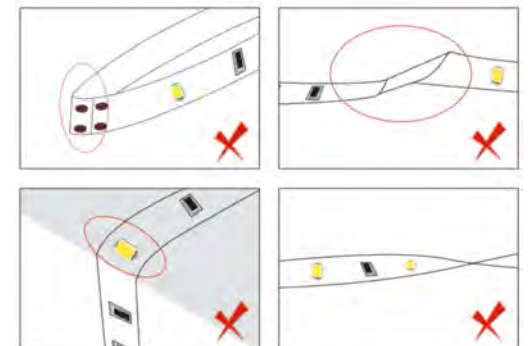
## APPLICATION

- Wide areas of applications are available, you can use them in wet or damp areas, general illumination, hospitality.
- It is also a good solution for display cabinet lighting, signage, architecture lighting, wall integration.



## ADDITIONAL INFO.

- The LED strip bending radius is 75mm. Please do not fold with sharp angle or twist the LED strip.
- It will be likely destroy the LED strip if exceed the maximum rated operating voltage.
- Please do not connect the LED strip beyond the maximum connecting length.
- LED strips are equipped with a self-adhesive tape for attaching the LED strip to suitable materials, such as aluminum profiles, which must be clean and free of oil or silicone coatings, as well as other dirt/dust particles. The adhesive tape is intended for single use and if removed may damage the material to which it is stuck and the LED module itself, which must then be scrapped.



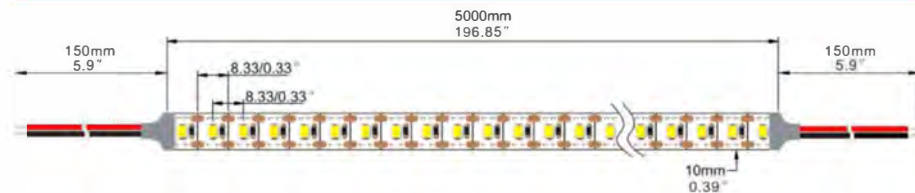


## COVEFLEX NORMA



- Each module can be cut to size as many times as desired, giving you great design freedom.
- Low power, flexible strip of dimmable LEDs gives you consistent light and reliable output.
- One BIN Only ensures perfect color consistency.
- SDCM 3.
- Wide CCT range.

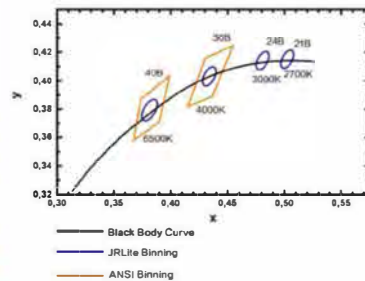
## DIMENSION



### Electrical data

Lumen efficiency	90lm/w(4000K)
Ra	Ra90; Ra80 optional
SMD Type	2835
LEDs/m	120LEDs/m
Max current/LED	6.6mA
Voltage	DC24V(5V, 12V Optional; $\pm 0.5V$ )
Max Reel Length	5000mm
Width	10mm
Unitcut	8.33mm
Storage Temperature	$-25^{\circ}\text{C} / -13^{\circ}\text{F}_{\text{min}}$ $60^{\circ}\text{C} / 140^{\circ}\text{F}_{\text{max}}$
LED PIN Temperature	Max. $65^{\circ}\text{C} / 149^{\circ}\text{F}$
Life Span	>54000H
Waterproof rate	IP65
Warranty	5 Years

### Binning



(Lm/m)

CCT \ Power	2700K	3000K	4000K	6500K	Max. Run Length
19W/M	1266	1298	1361	1377	5M



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
NORMA	27=2700K	05000=5M/196.85"	120=12W
	30=3000K		140=14W
	40=4000K		190=19W
	65=6500K		

Example  
NORMA-27-05000-120:  
COVEFLEX NORMA, 2700K, 5M/reel,  
12W/m.

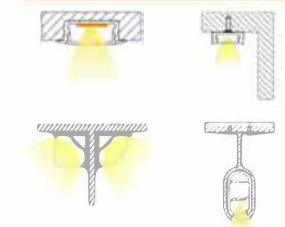
NORMA-65-01500-190:  
COVEFLEX NORMA, 6500K, 1.5M/reel,  
19W/m.

## PROFILES

Popular	AP-1415	AP-2015	AP-1202	AP-1103	AP-1101
Cabinet	AP-1002	AP-V54	AP-4318	AP-3420	AP-1401
Round	AP-1303	AP-1608	AP-01-1	AP-1106	AP-2020
Low and flat	AP-1305	AP-1304	AP-1102	AP-1104	AP-2610
High and flat	AP-1609	AP-1604	AP-1607	AP-1605	AP-2121

1. The profiles can be ordered separately or assembled with strip.
2. The strip lumen output will reduce about 15% with clear cover.
3. The strip lumen output will reduce about 25% with diffuse cover.
4. Opal/ lens cover is optional, please check case by case.
5. Standard available lengths are 1mtr. & 2mtr.
6. Connector/cable/product lengths can be customized, please check case by case.

### Installation



## DRIVER



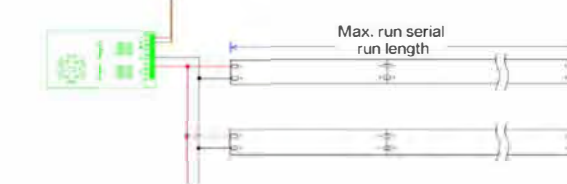
Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification.

Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non dimmable.

Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.

Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

## WIRING



-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

-Please contact us if >150W power supply is needed.



## STRIP TO STRIP CONNECTION



Connector IP65  
Strip to strip  
Order code: SS65102P



Cut the LED strip in  
cutting points



Peel off the 3M tape  
from the LED strip.



Put the LED strip directly  
into the connector.



Close the connector till  
the cover is locked in.



Successful connection.

## STRIP TO CABLE CONNECTION



Connector IP65  
Strip to cable  
Order code: SC65102P



Put the required cable  
into connector.



Close the connector till  
the cover is locked in.



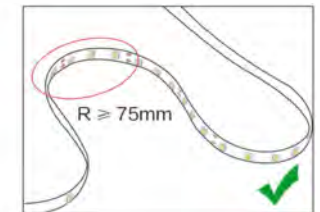
Successful connection.

Note: The positive and negative pole should be connected correspondingly.



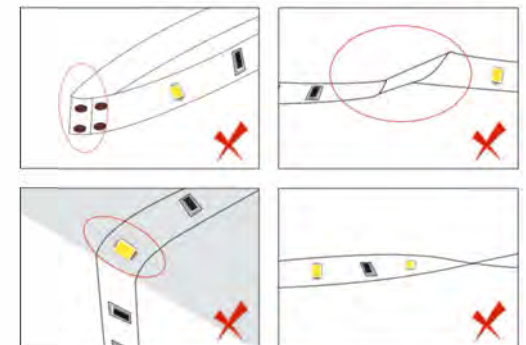
## APPLICATION

- Ideal application for architectural lighting, general illumination, signage logo, wall integration and display lighting, it is quick and easy to install by using the 3M tape or profiles.
- Perfect solution for multi-customization lengths as you can cut almost anywhere.



## ADDITIONAL INFO.

- The LED strip bending radius is 75mm. Please do not fold with sharp angle or twist the LED strip.
- It will likely destroy the LED strip if it exceeds the maximum rated operating voltage.
- Please do not connect the LED strip beyond the maximum connecting length.
- LED strips are equipped with a self-adhesive tape for attaching the LED strip to suitable materials, such as aluminum profiles, which must be clean and free of oil or silicone coatings, as well as other dirt/dust particles. The adhesive tape is supposed to be disposable use, if remove it, the tape may damage the material which it is stuck and the LED module itself, which must then be broken.



# Highly recognizable product—U Pro

It can be widely used in many various applications both outdoor and indoor

IP68 Waterproof Grade

Available with any PCB width of 8mm, 10mm, 12mm and 15mm in white, dual white, RGB, and RGBW colors.



Beautiful and elegant

## — IP68

Unique Polyurethane encapsulation

- UV resistant
- Yellow resistant
- Corrosion resistant
- No chemical reaction with detergent

## — Innovation



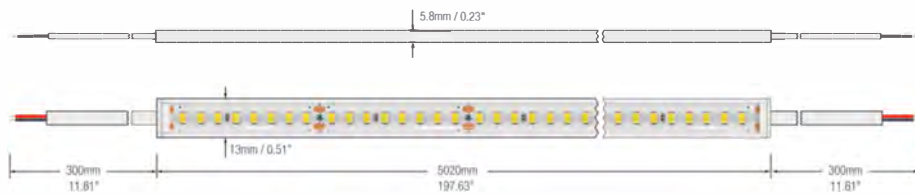


## COVEFLEX MERA



- High lumen efficiency with 130LM/W @Ra90 to realize energy saving.
- One BIN Only for perfect color consistency.
- CRI80 and CRI90 optional.
- Wide range of CCT choice.
- High waterproof rate-IP68, available for outdoor and under-water applications.

## DIMENSION



### Electrical data

Lumen efficiency	148lm/w(4000K)
Ra	Ra90
SMD Type	2835
LEDs/m	160LEDs/m
Max current/LED	30mA@14.4W/M
Voltage	DC24V(23.5Vmin, 24.5Vmax)
Max Reel Length	5000mm
Unit cut	50mm
Storage Temperature	-25°C /-13°F <sub>min</sub> 60°C /140°F <sub>max</sub>
LED PIN Temperature	Max.65°C /149°F
Life Span	>54000H
Waterproof rate	IP68
Warranty	5 Years

### (Lm/m)

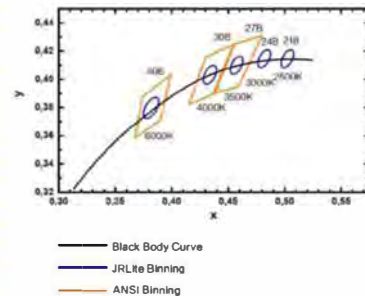
CCT	2700K	3000K	3500K	4000K	6000K	Ambient Temp.	Max. Run Length
Power							
9.6W/M	1287	1134	1398	1412	1246	50°C	5M
14.4W/M	1899	1652	2147	2218	1760	45°C	5M

### Note:

- When ambient temperature reaches 50°C, the power is suggested to be 9.6w/m.
- Please make the cable connection out of water in underwater installation.
- It is 3 years warranty for underwater application.
- Max production length is 5M for per roll.



### Binning



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
MERA	27=2700K	5000=5M/196.85"	096=9.6W
	30=3000K		144=14.4W
	35=3500K		
	40=4000K		
	60=6000K		

Example  
MERA-27-5000-096:  
COVEFLEX MERA, 2700K, 5M/reel,  
9.6W/m.

MERA-60-1500-144:  
COVEFLEX MERA, 6000K, 1.5M/reel,  
14.4W/m.

## ACCESSORIES



Mounting set  
Order code  
MC13-0102  
MOQ: 100



Sealing endcap  
Order code  
CE13-01  
MOQ: 100



Sealing glue  
Order code  
CGS01  
MOQ: 100



M/F connector  
IP67  
Order code  
C7-300P2  
MOQ: 100



M/F connector  
IP65  
Order code  
C5-300P2  
MOQ: 100



Flat open wire  
Order code  
PCF-200MP2  
MOQ: 200mtr.

## DRIVER



Order code:LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification  
Indoor use only.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.

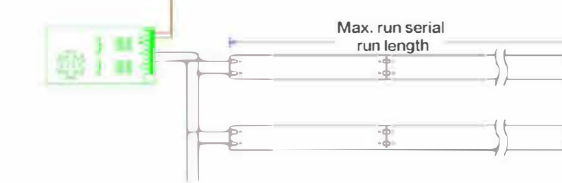


Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

## WIRING



-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

-Please contact us if >150W power supply is needed.

## APPLICATION



-It is ideal for any indoor or outdoor wet applications including underwater.

-Easy mounting on many smooth surfaces with self-adhesive tape at the back and clips.

-Also good idea to install it with Aluminum profile plus opal cover to reach dot free.

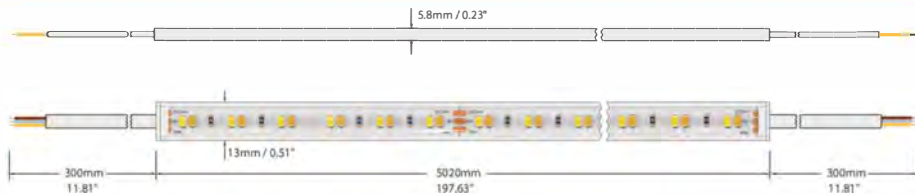


## COVEFLEX ALIO



- Two LED's with different CCT that together create a dynamic light spectrum.
- Elegant appearance with IP68 waterproof level.
- One BIN Only ensures perfect color consistency.
- Wide CCT range Choice.

## DIMENSION



### Electrical data

Lumen efficiency	80lm/w(3000K+6000K)
Ra	Ra90
SMD Type	2835
LEDs/m	120LEDs/m
Max current/LED	50mA
Voltage	DC24V(23.5Vmin, 24.5Vmax)
Max Reel Length	5000mm
Unit cut	100mm
Storage Temperature	-25°C /-13°F min, 60°C /140°F max
LED PIN Temperature	Max.65°C /149°F
Life Span	>54000H
Waterproof rate	IP68
Warranty	5 Years

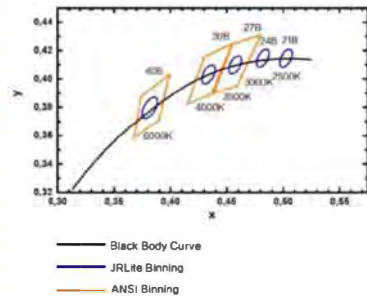
CCT	LM/Mtr	Max. Watt	Max. Run Length
3000K	940	12W/M	5M
6000K	1000	12W/M	5M
3000K+6000K	1920	24W/M	5M

### Note:

- When ambient temperature reaches 50°C, the power is suggested to be 6w/m.
- Please make the cable connection out of water in underwater installation.
- It is 3 years warranty for underwater application.
- Max production length is 5M for per roll.



### Binning



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
ALIO	3060=3000K+6000K	5000=5M/196.85"	240=24W

Example  
ALIO-3060-5000-240:  
COVEFLEX ALIO,3000K+6000K, 5M/  
reel, 24W/m.

## ACCESSORIES



Mounting set  
Order code  
MC13-0102  
MOQ: 100



Sealing endcap  
Order code  
CE13-01  
MOQ: 100



Sealing glue  
Order code  
CGS01  
MOQ: 100



M/F connector  
IP67  
Order code  
C7-300P3  
MOQ: 100



Flat open wire  
Order code  
PCF-200MP3  
MOQ: 200mtr.

## DRIVER



Order code: M2+M3-3A  
RF Controller 144W  
DC24V, 3A\*2Channel, Max 6A  
IP20, Support remote control.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.

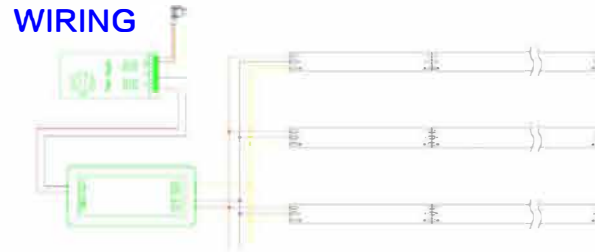


Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

## WIRING



-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

-Please contact us if >150W power supply is needed.

## APPLICATION



-Ideal application for architectural lighting, general illumination, signage logo, wall integration and display lighting, it is quick and easy to install by using the 3M tape or profile.

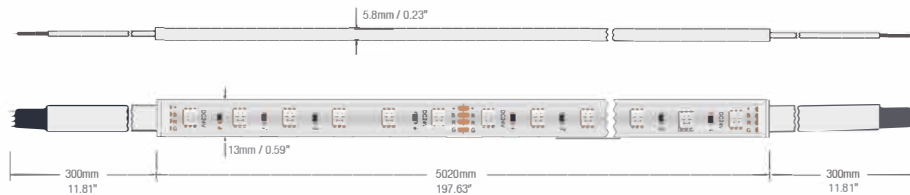
-Widely used in yachts, fountains, pools and underwater projects to achieve ideal effect.

## COVEFLEX MIZA



- Excellent-performance polyurethane with extremely long life span and flexibility.
- Flexible and cuttable LED strip with inline multichip RGB LEDs.
- The highest level of waterproofing makes it suitable for both indoor and outdoor projects.
- One BIN Only ensures perfect color consistency.

## DIMENSION



### Electrical data

Lumen efficiency	31lm/w
SMD Type	5050
LEDs/m	60LEDs/m
Max current/LED	20mA@14.4W/M
Voltage	DC24V(23.5Vmin, 24.5Vmax)
Max Reel Length	5000mm
Unit cut	100mm
Storage Temperature	-25°C / -13°F <sub>min</sub> , 60°C / 140°F <sub>max</sub>
LED PIN Temperature	Max.65°C / 149°F
Life Span	>54000H
Waterproof rate	IP68
Warranty	3 Years

CCT	LM/Mtr	Max. Watt	Max. Run Length
R	135	4.6W/M	5M
G	243	4.8W/M	5M
B	72	4.8W/M	5M
RGB	450	14.4W/M	5M

### Note:

- When ambient temperature reaches 50°C, the power is suggested to be 9.6W/m.
- Please make the cable connection out of water in underwater installation.
- It is 3 years warranty for underwater application.
- Max production length is 5M for per roll.



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
MIZA	RGB	5000=5M/196.85"	144=14.4W

Example  
MIZA-RGB-5000-144:  
COVEFLEX MIZA, RGB, 5M/reel,  
14.4W/m.

## ACCESSORIES



Mounting set  
Order code  
MC13-0102  
MOQ: 100



Sealing endcap  
Order code  
CE13-01  
MOQ: 100



Sealing glue  
Order code  
CGS01  
MOQ: 100



M/F connector  
IP67  
Order code  
C7-300P4  
MOQ: 100



Flat open wire  
Order code  
PCF-200MP4  
MOQ: 200mtr.

## DRIVER



Order code: M6-M3-3A  
RF Controller 216W  
DC24V, 3A\*3Channel, Max 9A  
IP20, Support remote control.



Order code: XLG-150-24-A  
AC10-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.

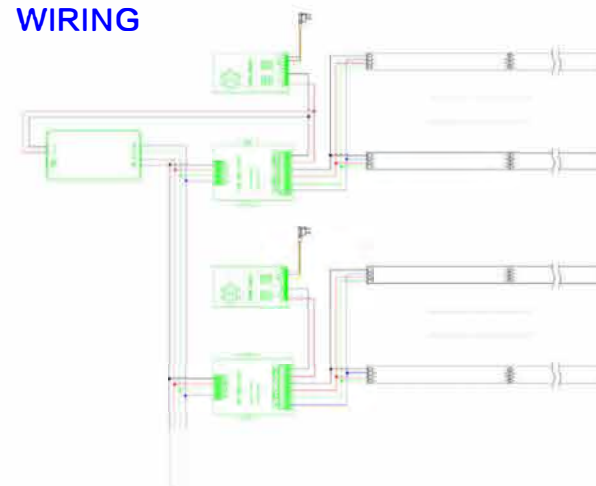


Order code: ELG-150-24B  
AC10-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC10-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

## WIRING



-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

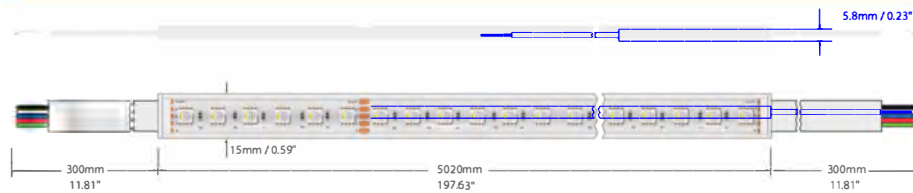
-Please contact us if >150W power supply is needed.

## COVEFLEX MARS



- SMD5050 RGBW(4in1), adopts single LED with 4 chips.
- Changeable colors and speed freely with RGBW controller.
- One BIN Only ensures perfect color consistency.
- Quick installation with clips or 3M tape.

## DIMENSION



### Electrical data

Lumen efficiency	63lm/w
SMD Type	5050
LEDs/m	96LEDs/m
Max current/LED	12.5mA@19.2W/M
Voltage	DC24V(23.5Vmin, 24.5Vmax)
Max Reel Length	5000mm
Unit cut	62.5mm
Storage Temperature	-25°C / -13°F <sub>min</sub> 60°C / 140°F <sub>max</sub>
LED PIN Temperature	Max.65°C / 149°F
Life Span	>54000H
Waterproof rate	IP68
Warranty	3 Years

CCT	LM/Mtr	Max. Watt	Max. Run Length
R	133	4.8W/M	5M
G	453	4.8W/M	5M
B	96	4.8W/M	5M
W32	480	4.8W/M	5M
W40	488	4.8W/M	5M
W60	490	4.8W/M	5M
RGBW	1214	19.2W/M	5M

### Note:

- When ambient temperature reaches 50°C, the power is suggested to be 9.6w/m.
- Please make the cable connection out of water in underwater installation.
- It is 3 years warranty for underwater application.
- Max production length is 5M for per roll.



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
MARS	RGBW32=RGB+3200K	5000=5M/196.85"	144=14.4W
	RGBW40=RGB+4000K		
	RGBW60=RGB+6000K		

Example  
MARS-RGBW32-5000-144:  
COVEFLEX MARS, RGB+3200K, 5M/  
reel, 14.4W/m.

MARS-RGBW60-1500-144:  
COVEFLEX MARS, RGB+6000K, 1.5M/  
reel, 14.4W/m.

## ACCESSORIES



Mounting set  
Order code  
MC15-0102  
MOQ: 100



Sealing endcap  
Order code  
CE15-01  
MOQ: 100



Sealing glue  
Order code  
CGS01  
MOQ: 100



Flat open wire  
Order code  
PCF-200MP5  
MOQ: 200mtr.

## DRIVER



Order code: M4-M4-3A  
RF Controller 288W  
DC24V, 3A\*4Channel, Max 12A  
IP20, Support remote control.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.

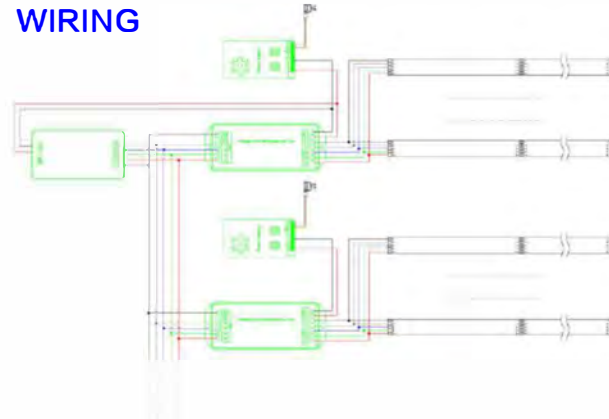


Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

## WIRING



-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

-Please contact us if >150W power supply is needed.

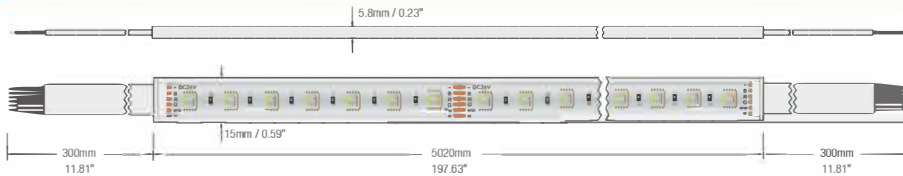


## COVEFLEX LYRA



- SMD5050 RGBWW(5in1) makes more flexible for different applications.
- The best solution for ambient lighting.
- One BIN Only ensures perfect color consistency.
- Quick installation with clips or 3M tape.

## DIMENSION



### Electrical data

Lumen efficiency	58lm/w
SMD Type	5050
LEDs/m	84LEDs/m
Max current/LED	13.3mA@20W/M
Voltage	DC24V(23.5Vmin, 24.5Vmax)
Max Reel Length	5000mm
Unit cut	83.3mm
Storage Temperature	-25°C / -13°F <sub>min</sub> 60°C / 140°F <sub>max</sub>
LED PIN Temperature	Max.65°C / 149°F
Life Span	>54000H
Waterproof rate	IP68
Warranty	3 Years

- Uniform color changing
- Dynamic effects and elegant performance in public zones
- Less brightness decay and higher energy efficiency
- Fantastic decorative color or dynamic applications
- More Flexible application in different projects as you need

CCT	LM/Mtr	Max. Watt	Max. Run Length
R	106	4W/M	5M
G	270	4W/M	5M
B	76	4W/M	5M
WW30	308	4W/M	5M
W65	349	4W/M	5M
RGBWW	1109	20W/M	5M

### Note:

- When ambient temperature reaches 50°C, the power is suggested to be 9.6w/m.
- Please make the cable connection out of water in underwater installation.
- It is 3 years warranty for underwater application.
- Max production length is 5M for per roll.



## ORDER CODE

SERIES NAME	COLOR	LENGTH	POWER
LYRA	RGBWW=RGB+3000K+6500K	5000=5M/196.85"	200=20W

Example  
LYRA~RGBWW3065~5000~200:  
COVEFLEX LYRA, RGB3000K+6500K,  
5M/reel, 20W/m.

## ACCESSORIES



Mounting set  
Order code  
MC15-0102  
MOQ: 100



Sealing endcap  
Order code  
CE15-01  
MOQ: 100



Sealing glue  
Order code  
CGS01  
MOQ: 100

## DRIVER



Order code: Q5 + F5-DMX-4A  
DC24V, 4A\*5 Channel, Max  
20A, IP20, support remote  
control.



Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.

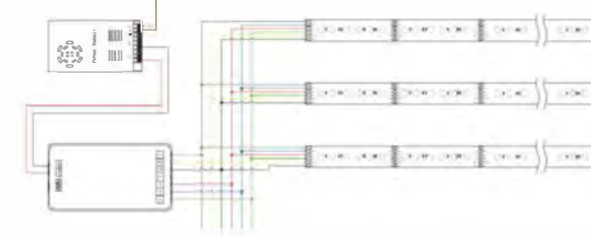


Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.

## WIRING



-Max. connection length depends on the wattage of the power supply and LED strip.

-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

-Please contact us if >150W power supply is needed.

## APPLICATION



-Completely coated by polyurethane material and UV resistant, it has wide range of applications.

-Can be used in outside projects, such as facade of building, yacht, bridge and so on.

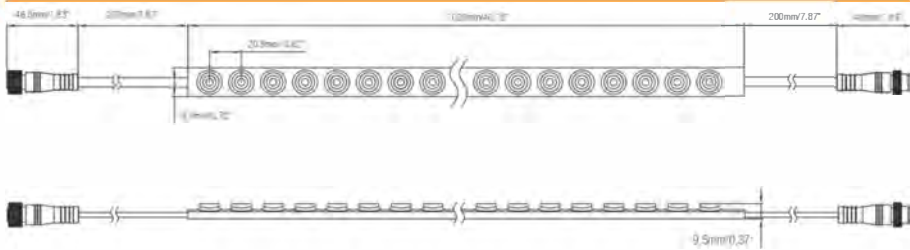
-Satisfy all your imagination of light.

## COVEFLEX WHALE



- Discreet design (small in size and light in weight).
- Various beam angles (30°, 45°, 60°, 20°/45°).
- Flexible system.
- PU material resistant to UV, chemical materials, high temperature etc.
- SDCM 3 Lumileds Led and One Bin Only to ensure color consistency.
- IP67 for outdoor and indoor use.

## DIMENSION



### Electrical data

Lumen efficiency	103lm/w(4000K, 30°)
Ra	Ra90
SMD Type	2835
LEDs/m	48LEDs/m
Power/m	18w/m
Voltage	DC24V(23.5Vmin, 24.5Vmax)
Max Reel Length	5000mm
Unit cut	125mm
Storage Temperature	-25°C / -13°F <sub>min</sub> 60°C / 140°F <sub>max</sub>
LED PIN Temperature	Max.65°C / 149°F
Life Span	>54000H
Waterproof rate	IP67
Warranty	5 Years

(Lm/m)

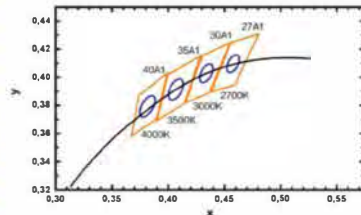
CCT \ Optics	2700K	3000K	3500K	4000K	Max. Run Length
30°	1544	1671	1711	1854	6M
45°	1554	1764	1525	1876	6M
60°	1580	1644	1862	1903	6M
20°/45°	1484	1597	1693	1583	6M

Note:

-Max production length is 5M for per roll.



### Binning



— Black Body Curve  
— JRLite Binning  
— ANSI Binning



Optics 30°



Optics 45°



Optics 60°



Optics 20°/45°



**ONE BIN ONLY**  
Color consistency  
Today and tomorrow

## ORDER CODE

SERIES NAME	COLOR	LENGTH	OPTICS
WHALE	27=2700K	5000=5M/196.85"	30°
	30=3000K		45°
	35=3500K		60°
	40=4000K		20°/45°

Example  
Whale-27-5000-30°  
COVEFLEX WHALE, 2700K, 5M/reel, 30°.

Whale-40-1500-20°/45°  
COVEFLEX WHALE, 4000K, 1.5M/reel, 20°/45°.

## ACCESSORIES



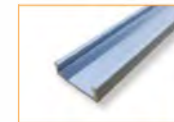
Mounting set  
Order code  
AC112



Male and  
Female  
Connector  
Order code  
AC110-2



T Type  
Connector  
Order code  
AC111-2



Aluminium  
Profile  
Order code  
AC132



Angle Mounting  
Clips  
Order code  
AC027-SET  
( Used With  
Profile)



Mounting Clips  
Order code  
AC026-SET

## DRIVER



Order code: LRS-150-24  
85-132VAC/170-264VAC  
by switch DC24V 150W  
IP20, global certification  
Indoor use only.



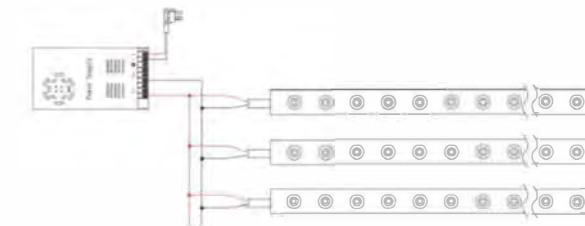
Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.



Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.



Order code: ELG-150-24DA  
AC100-305V DC24V 150W  
IP67, Global certification  
Dali control technology.



-Max. length per circuit is 6m, if it exceeds 6m, please split into multiple circuits.

-Please contact us if >150W power supply is needed.

## APPLICATION

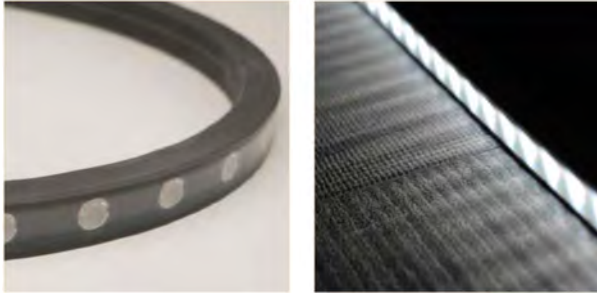


-It is perfect for illuminating a special architecture surface, to make it radiate with light both indoors and outdoors.

-Versatility of optics, flexible system and simple installation meet your needs of multiple lighting effect.

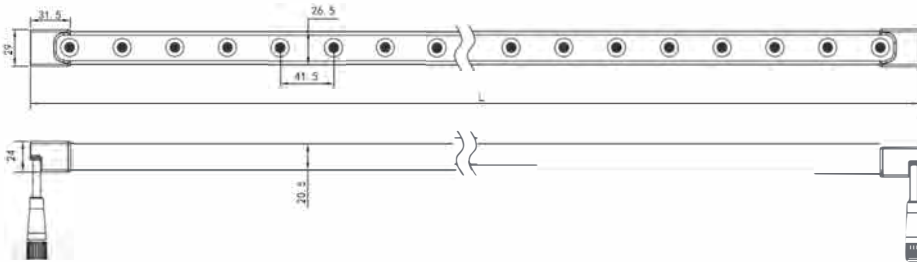
-We can catch wall washers in many places, like landscape, commercial building, overhead viaduct etc.

## COVEFLEX WHALE PRO



- Free bending structure design (both Vertical bending & Horizontal bending), perfectly fits the outdoor curved surface application.
- Various beam angles(15°, 30°, 50°, 18\*20°, 20\*35°, 20\*55°).
- Using optical grade environmental protection silicone material, salt resistance, acid and alkali corrosion resistance, flame retardant, UV resistance;
- Hidden end cap design, easy to install.

## DIMENSION



### Electrical data

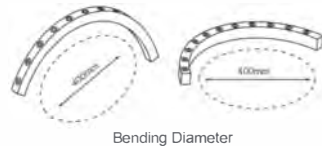
Lumen efficiency	113lm/w(4000K, 30°)
Ra	Ra80
SMD Type	2835
LEDs/m	24LEDs/m
Power/m	24W/M
Voltage	DC24V(23.5Vmin, 24.5Vmax)
Max Reel Length	5M/Reel
Unit cut	41.5mm
Storage Temperature	-25°C ~ 40°C
LED PIN Temperature	Max.65°C /149°F
Life Span	>30000H
Waterproof rate	IP65
Warranty	3 Years

(Lm/m)

CCT	2700K	3000K	4000K	6500K	Max. Run Length
Optics					
15°	2263	2499	2631	2005	5M
30°	2394	2517	2727	2025	5M
50°	2525	2558	2450	1906	5M
18*20°	1710	2261	2189	2437	5M
20*35°	1704	2793	1772	2211	5M
20*55°	1652	1735	2929	2879	5M

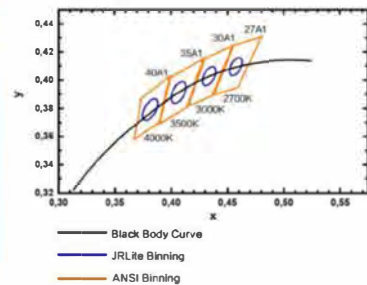
Note:

-Max production length is 5M for per roll.



Bending Diameter

### Binning



## ORDER CODE

SERIES NAME	COLOR	LENGTH	OPTICS
WHALE PRO	27=2700K	5000=5M/196.85"	15°
	30=3000K		30°
	40=4000K		50°
	65=6500K		18*20°
			20*35°
			20*55°

Example  
WHALE PRO-27-5000-30°  
COVEFLEX WHALE PRO, 2700K, 5M/  
reel, 30°.

WHALE PRO-40-1660-20\*45°  
COVEFLEX WHALE PRO, 4000K,  
1660MM/reel, 20\*45°.

## ACCESSORIES



## DRIVER

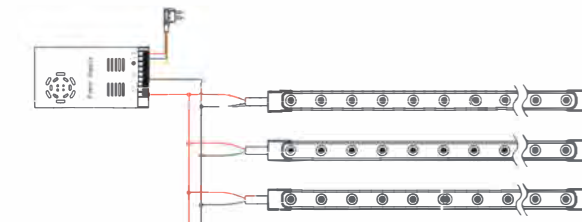


Order code: LRS-150-24  
85-132VAC/ 170-264VAC  
by switch DC24V 150W  
IP20, global certification  
Indoor use only.

Order code: XLG-150-24-A  
AC100-305V DC24V 150W  
IP67, Global certification.  
Non Dimmable.

Order code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67, Global certification  
3in1 dimming function: 0-10Vdc,  
10V PWM signal and resistance.

Order code: ELG-150-24DA  
AC100-305V DC24V150W  
IP67, Global certification  
Dali control technology.



-Max. length per circuit is 5m, if it exceeds 5m, please split into multiple circuits.

-Please contact us if >150W power supply is needed.

## APPLICATION



-It is perfect for illuminating a special architecture surface, to make it radiate with light both indoors and outdoors.

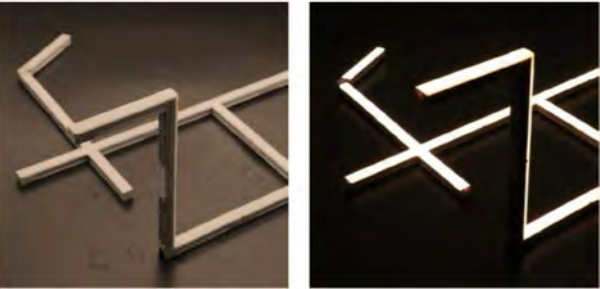
-Versatility of optics, flexible system and simple installation meet your needs of multiple lighting effect.

-We can catch wall washers in many places, like landscape, commercial building, overhead viaduct etc.



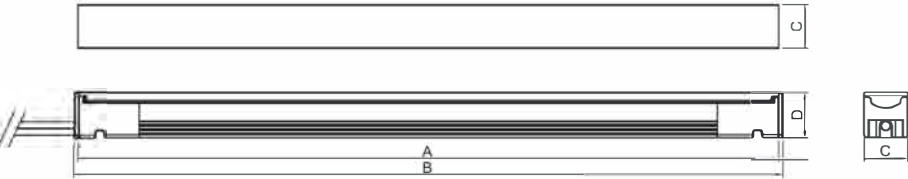


LEDLINE LIGO



- Slim in size 12.5x13mm(WxH) / 0.49"x0.51"(WxH).
- Quick DIY connection & soldering free & without light interruption in desired shapes.
- Simply stick with magnetic or click with bracket.
- Easy to create your desired lengths and shapes thanks to our smart accessories.
- Max 8M single feed without brightness attenuation.

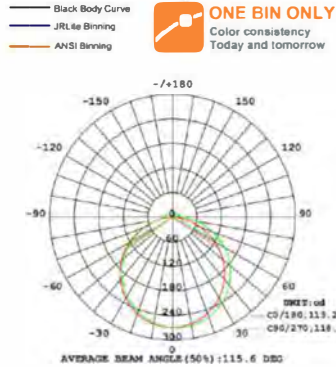
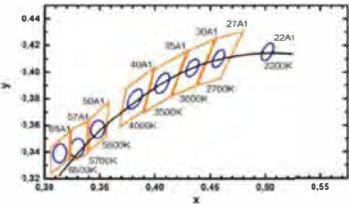
DIMENSION



[Length]	[Dimension]	A	B	C	D
LIGO-100	L100xW12.5xH13(mm) [3.94"xW0.49"xH0.51"]	100±1(mm) [3.94"±0.04"]	105±1(mm) [4.13"±0.04"]		
LIGO-200	L200xW12.5xH13(mm) [7.87"xW0.49"xH0.51"]	200±1(mm) [7.87"±0.04"]	205±1(mm) [8.07"±0.04"]	12.5mm [0.49"]	13mm [0.51"]
LIGO-500	L500xW12.5xH13(mm) [19.68"xW0.49"xH0.51"]	500±2(mm) [19.68"±0.08"]	505±2(mm) [19.88"±0.08"]		

Electrical data	
Lumen efficiency	80lm/w(4000K)
Ra	Ra>90
SMD Type	Lumileds 2835
Voltage	DC24V(23.5Vmin, 24.5Vmax)
Beam Angle	120°
Storage Temperature	-25°C / -13°C Fmin, 45°C / 113°Fmax
LED PIN Temperature	Max. 65°C / 149° F
Life Span	>50000H
IP rate	IP20
Warranty	5 Years

(Lm/unit)							
CCT (mm)	2700K	3000K	3500K	4000K	6500K	Wattage	Max. Run Length
LIGO-100	100	100	100	100	100	1.2W	8M
LIGO-200	190	190	190	190	190	2.5W	8M
LIGO-500	480	480	480	480	480	6W	8M
AC112-L100	160	160	160	160	160	2.4W	/
AC113-N100	150	150	150	150	150	2.4W	/
AC114-W100	160	160	160	160	160	2.4W	/
AC115-X180	320	320	320	320	320	4.8W	/
AC116-T180	250	250	250	250	250	3.6W	/
AC117-R215	180	180	180	180	180	3.6W	/



- Max. run length refers to single side feed in serial connection.
- Due to the tolerances of the production and electrical components, output values and electrical power can vary up to 10%.

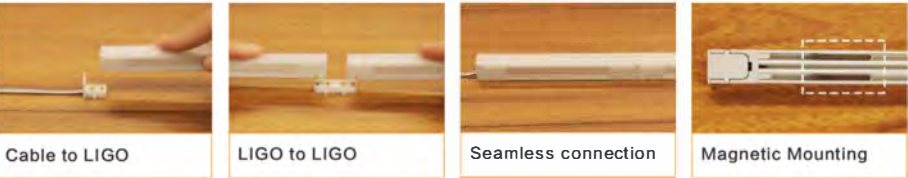


ORDER CODE

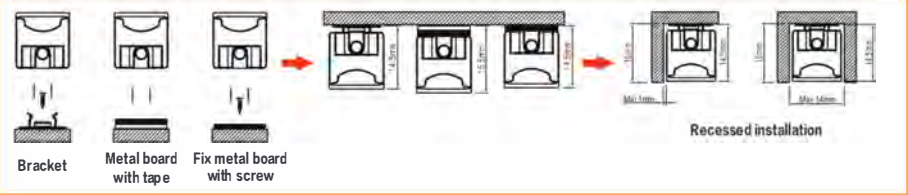
SERIES NAME	COLOR	LENGTH	POWER
LIGO	27=2700K	100=0.1M/3.94'	012=1.2W
	30=3000K	200=0.2M/7.87'	025=2.5W
	35=3500K	500=0.5M/19.68'	060=6W
	40=4000K		
	65=6500K		

Example:  
LIGO-27-100-012:  
LEDLINE LIGO, 2700K, 0.1M/unit,  
1.2W/unit.  
  
LIGO-30-200-025:  
LEDLINE LIGO, 3000K, 0.2M/unit,  
2.5W/unit.

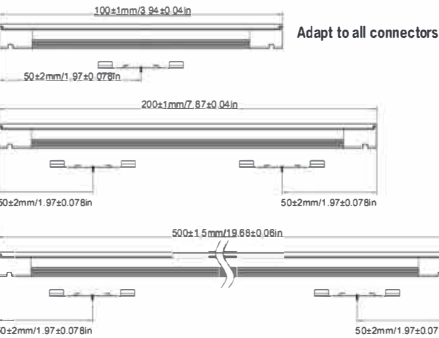
EASY-FEATURES



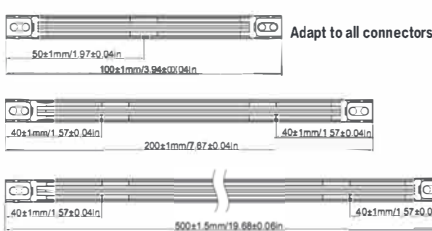
STICK METAL BOARD WITH TAPE



Magnet fixed location



Bracket fix location

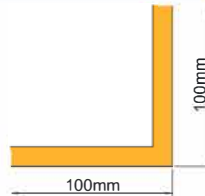


## SMART CONNECTOR DESCRIPTIONS



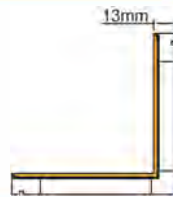
L shape flat connector  
Order Code: AC112-L100

Seamless connection thanks to various smart connector. Simple DIY connection makes installation interesting.



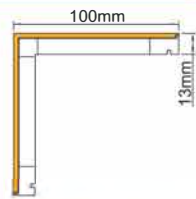
L shape light in connector  
Order Code: AC113-N100

Seamless connection thanks to various smart connector. Simple DIY connection makes installation interesting.



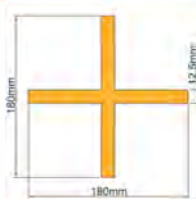
L shape light out connector  
Order Code: AC114-W100

Seamless connection thanks to various smart connector. Simple DIY connection makes installation interesting.



Cross connector  
Order Code: AC115-X180

Seamless connection thanks to various smart connector. Simple DIY connection makes installation interesting.



T shape connector  
Order Code: AC116-T180

Seamless connection thanks to various smart connector. Simple DIY connection makes installation interesting.



Rotation corner  
Order Code: AC117-R215

Seamless connection thanks to various smart connector. Simple DIY connection makes installation interesting.



## ACCESSORIES



L shape flat connector  
Order Code: AC112-L100  
Dimension: 100 × 100 × 13mm/  
3.94" × 3.94" × 0.51"(L × W × H)  
Material: aluminium



Angle bracket  
Order Code: AC120



L shape light in connector  
Order Code: AC113-N100  
Dimension: 100 × 100 × 12.5mm/  
3.94" × 3.94" × 0.49"(L × W × H)  
Material: aluminium



Magnet board  
Order Code: AC121



L shape light out connector  
Order Code: AC114-W100  
Dimension: 100 × 100 × 12.5mm/  
3.94" × 3.94" × 0.49"(L × W × H)  
Material: aluminium



Joint connector-LIGO to LIGO  
Order Code: AC122



Cross connector  
Order Code: AC115-X180  
Dimension: 180 × 180 × 13mm/  
7.08" × 7.08" × 0.51"(L × W × H)  
Material: aluminium



Extension cable-L145mm  
LIGO to LIGO  
Order Code: AC123



T shape connector  
Order Code: AC116-T180  
Dimension: 180 × 96.3 × 13mm/  
7.08" × 3.79" × 0.51"(L × W × H)  
Material: aluminium



Distribution cable-150mm  
Distribution box to cable  
Order Code: AC124



Rotation corner  
Order Code: AC117-R215  
Dimension: 215 × 12.5 × 13mm/  
8.46" × 0.49" × 0.51"(L × W × H)  
Material: aluminium



Distribution cable-L1500mm  
Distribution box to cable  
Order Code: AC125



Close end cap  
Order Code: AC118



Open wire-L150mm  
Order Code: AC126



Fixed bracket  
Order Code: AC119



Power cable with DC connector  
L150mm  
Order Code: AC127

## ACCESSORIES



Power cable with DC connector  
L1500mm  
Order Code: AC128



Constant Voltage LED Driver  
Non-Dimmable  
AC220-240V DC24V 150W  
Order Code: Q8H-24V-150W



Distribution box connector  
(with 6 channels)  
Order Code: AC129



Constant Voltage LED Driver  
Dimmable  
AC220-240V DC24V 150W  
Order Code: Q8H-24V-150W



Distribution box open wire  
(with 6 channels)  
Order Code: AC130



Dimmable LED Controller  
10-24VDC  
Order Code: C5AD-DALI CV



Constant Voltage LED Driver  
Non-Dimmable  
AC220-240V DC24V 30W  
Order Code: UT24V-30W



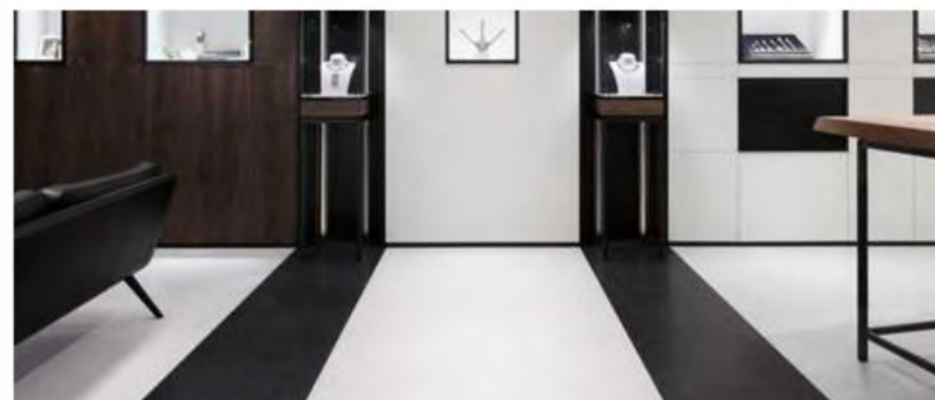
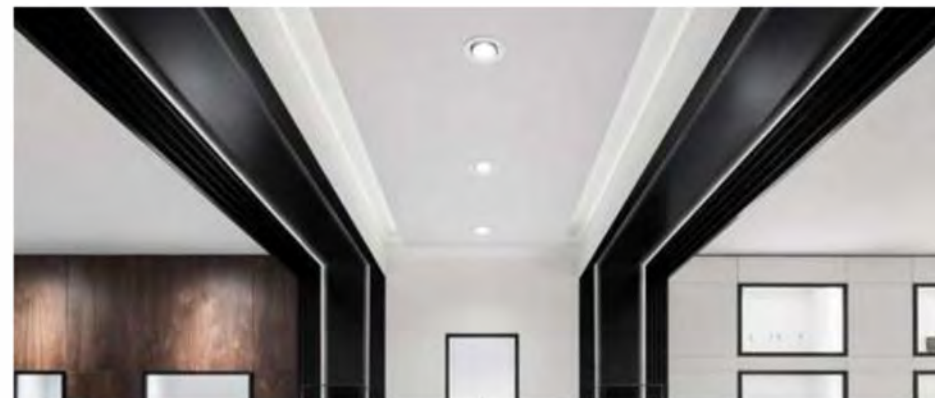
Order Code: LRS-150-24  
85-132VAC/170-264VAC by  
switch DC24V 150W IP20  
Global certification



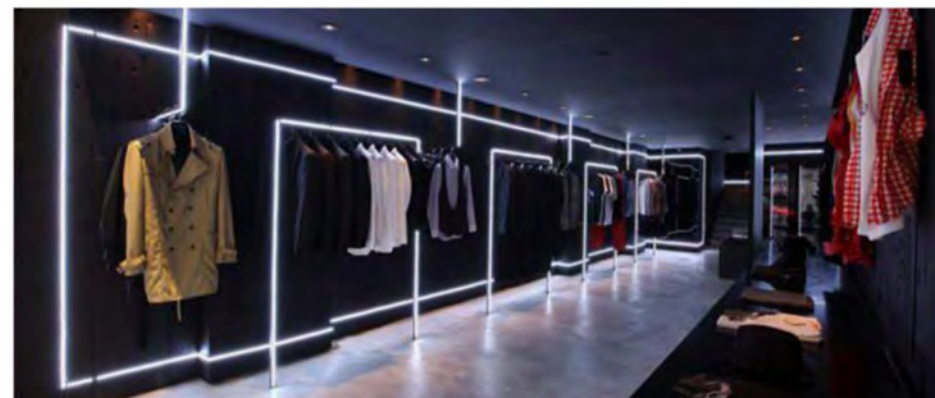
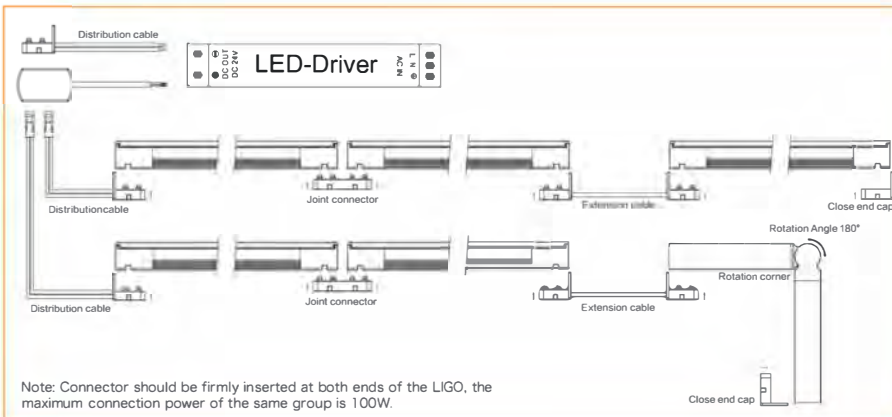
Constant Voltage LED Driver  
Non-Dimmable  
AC220-240V DC24V 75W  
Order Code: Q8H-24V-75W



Order Code: ELG-150-24B  
AC100-305V DC24V 150W  
IP67 Global certification



## WIRING DIAGRAM





# Warranty Policy

## Warranty for IINNO-Branded Professional LED Luminaires

This document sets out the warranty policy of IINNO from which you purchase your professional luminaires.

### Terms and Condition

1. This warranty is only applicable to IINNO branded lighting products sold by IINNO Limited (hereinafter referred to as 'Product').

2. The warranty is only applicable to the party purchasing the products directly from IINNO (Hereinafter referred to as 'Purchaser'). Third party products sold by IINNO are not covered under this warranty. With respect to products sold to the Purchaser by IINNO, but not bearing the IINNO name or sub-brands, IINNO makes no warranty of any kind, express or implied, including, without limitation, any warranty of merchantability or fitness for a particular purpose, but will make available to the Purchaser upon request, but only to the extent permitted by law and relevant contracts, the warranties of the manufacturer of the relevant product.

3. No agent, distributor or dealer is authorized to change, modify or extend the terms of the warranty on behalf of IINNO.

4. IINNO warrants that each Product will be free from defects in material and workmanship. The foregoing warranty shall be valid for the period mentioned in the applicable warranty clause for the Products referred to in IINNO's confirmation of your PI.

5. The warranty term starts from the production date printed on the products used in professional applications.

6. The warranty period is based on a burning behaviour of max. 4000 hours/year. In case of more than 4000 hours/year, the warranty period will be adjusted pro-rata.

7. This warranty only applies when the Product has been properly wired and installed and operated within the electrical values, operating range and environmental conditions provided in the specifications, application guidelines, IEC standards or any other document accompanying the Products.

Additionally, installation must be performed only by authorized personnel, who will establish that the above mentioned precautions will be taken under consideration.

8. This warranty does not apply to damage or failure to perform arising as a result of any Acts of God or from any abuse, existing local network (or Public grid) failure, misuse, abnormal use or use in violation of any applicable standard, code or instructions for use, including without limitation, those contained in the latest safety, industry and/or electrical standards for the relevant region(s).

9. IINNO reserves the right to the validity of a guarantee claim. For this purpose, the Purchaser must return, with sufficient postage, for analysis (enclosing a copy of the delivery note or the invoice).

10. Within the applicable warranty period and on examination IINNO determines to its satisfaction that such Product failed to satisfy this warranty, IINNO will, at its option, repair or replace the Product or the defective part thereof, or reimburse Purchaser the purchase price. For purposes of clarity, 'repair or replace the Product or the defective part thereof' does not include any removal or reinstallation activities, costs or expenses, including without limitation, labor costs or expenses.

11. If IINNO chooses to replace the Product and is not able to do so because it has been discontinued or is not available, IINNO may refund the purchaser or replace the product with a comparable product (that can show small deviations in design and product specification).

12. Warranty claims have to be reported and returned to IINNO office within 30 days after discovery, specifying at least the following information (additional information may be required on request):

Details of the failed Products; and for System warranties also details of other components used;  
Installation date and invoice date;

Detailed problem description, number and % of failures date-code of failure;  
Application, hours burned and number of switching cycles.

13. Where a warranty claim is justified, IINNO will pay for freight expenses. IINNO may charge Customer for returned Products that are not found to be defective or non-conforming together with the freight, testing and handling costs associated therewith.

14. The warranty and remedies contained in this warranty are the only warranties given by IINNO with respect the Products and are given in lieu of all other warranties, whether express or implied, including without limitation warranties of merchantability or fitness for a particular purpose, which warranties are hereby disclaimed.

15. These terms and conditions state IINNO's entire liability and obligation to Purchaser and Purchaser's sole and exclusive remedy in connection with defective or non-conforming Products supplied by IINNO to Customer, whether or not such damages are based on any warranty not explicitly mentioned in these terms and conditions, tort, contract or any other legal theory, even if IINNO has been advised or is aware of such defects.

16. This is a limited warranty and excludes, among other items, installation, providing access to products (scaffolding, lifts, etc.), and special, incidental and consequential damages (such as loss of revenue/profits, damage to property or other miscellaneous costs not previously mentioned), and is further defined by the limitations and conditions set forth in the respective warranty policy and these terms and conditions.

17. Upon request, IINNO'S representatives shall be allowed access to the defective Product, system or application for verification of non-compliance.

18. IINNO cannot be held liable for electrical supply conditions, including supply spikes, over-voltage/under-voltage and Ripple Current control systems that are beyond the specified limits of the products and those defined by relevant supply standards (e.g. EN 50160 norms).

# Contact details

## IINNO Ltd

Unit 04-05, 16th Floor,  
The Broadway No. 54-62 Lockhart Road,  
Wanchai, Hong Kong  
Tel: +852 2134 9906

+86 (0)769 23010151/2

M: +86 13922905402

Email: [sales@iinno-lighting.com](mailto:sales@iinno-lighting.com)

[www.iinno-lighting.com](http://www.iinno-lighting.com)



