



Landscape spot lights

Designing your lighting solutions



Common feature

Standard IP66 Water-stoppers & optional IP67 connectors



A Water-Stopper(Included)

The luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire. That's why the device is required to block the entry of water vapor.

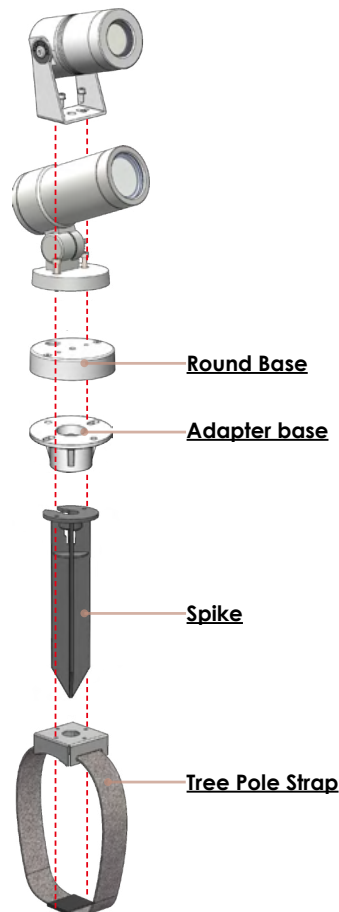
B IP67 Jiffy quick plug/socket connector(Option)

To prevent water vapor into luminaire via wire which had been cut, the air contains lots of steams when raining, spray or in humid environment, the luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire.

Systematization and modularization of accessories

Switchable accessory

- Systematized the assembling of fixing screw holes on products and accessories which provides vary setting combinations.



High power Spotlight IP66

Multiple assembly & functional appliance

Lens & Hood Louver



Adjustment dials

Bracket gear shaft diagram

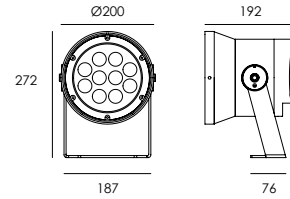
- All adjustment dials are geared to prevent loosening, and easy to control angle.



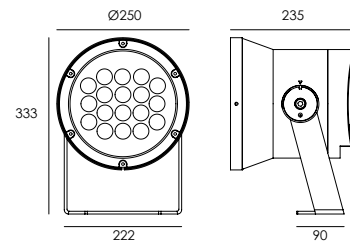
High power Spotlight IP66



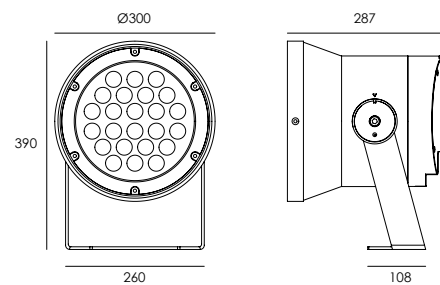
ITEM	B3CPU1065
LIGHT SOURCE	10×4.5W
LENS	B92
SELECTED DEGREE(°)Ø1/2	20°
INPUT VOLTAGE(V)	240
OPERATING CURRENT(MA)	214
CONSUMPTION(W)	50
LUMINANCE(LM)	4210
IK	07



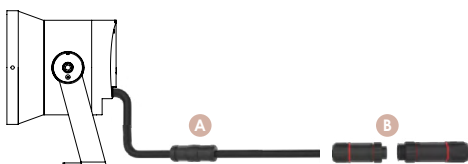
ITEM	B3CQU1865
LIGHT SOURCE	18×4.5W
LENS	B92
SELECTED DEGREE(°)Ø1/2	20°
INPUT VOLTAGE(V)	240
OPERATING CURRENT(MA)	385
CONSUMPTION(W)	90
LUMINANCE(LM)	7771
IK	07



ITEM	B3CRU2465
LIGHT SOURCE	24×4.5W
LENS	B92
SELECTED DEGREE(°)Ø1/2	20°
INPUT VOLTAGE(V)	240
OPERATING CURRENT(MA)	570
CONSUMPTION(W)	135
LUMINANCE(LM)	11234
IK	07



WATER PROOF SOLUTION



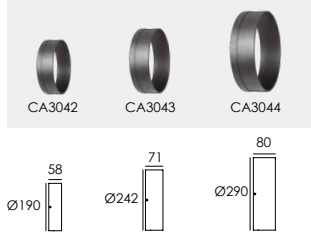
A Water-Stopper(Included)
A IP-66 water-stopper is added in the end of luminaires as standard assembly which is also an important system for water resistance.

B IP67 Jiffy quick plug/socket connector(Optional)
A IP-67 connector is as an optional assembly and ensures that water vapor will not enter into luminaires directly.

High power Spotlight IP66

ACCESSORIES(Optional)

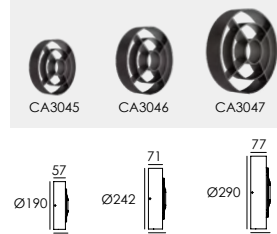
HOOD



ID	Fitted Item
CA3042	B3CPU1065
CA3043	B3CQU1865
CA3044	B3CRU2465



ANTI GLARE LOUVER



ID	Fitted Item
CA3045	B3CPU1065
CA3046	B3CQU1865
CA3047	B3CRU2465



HOUSING

12# Die-casting aluminum finishing or powder painting
T=60-80µm. Adhesion of ISO class 1/ASTM class 4B

BRACKET

Iron powder coated.
T=2.5mm: B3CPU0125
T=4.5mm: B3CQU1856
T=5mm: B2CRU2465

LIGHT WINDOW

Tempered glass.T=3mm

LED

NICHIA

LED DRIVER

Constant Voltage Input, Constant Current Output

CABLE GLAND

IP68 PG-11 PA66

GASKET

Tooling shaped seal

POWER CABLE

Outside of luminaire
12V/24V: H07RN-F 2×1.0mm², L=2.0m
120V/240V: H07RN-F 3×1.0mm², L=2.0m

REGULAR PAINTING COLOR

Basic



Secondary



OPTICS

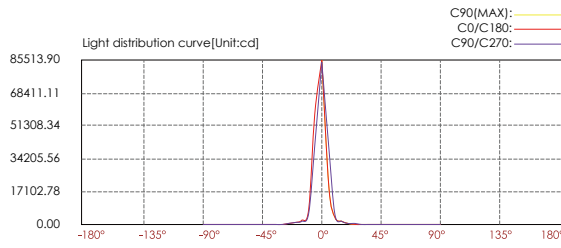
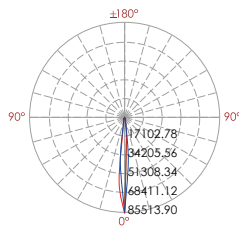
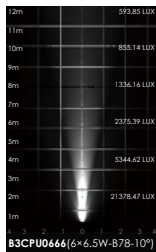
Referenced Degree(°)91/2



B92

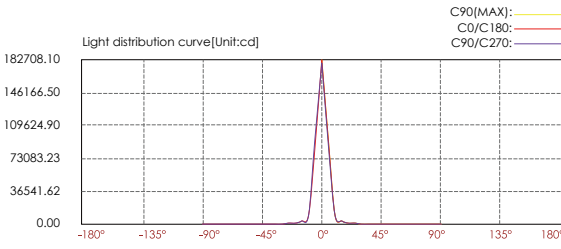
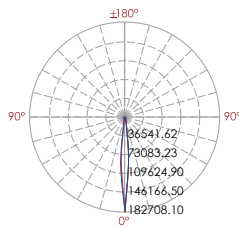
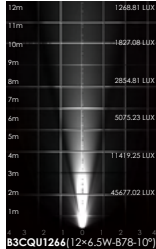
8° 15° 20° 30° 50°

PHOTOMETRIC(Non Antiglare louver)



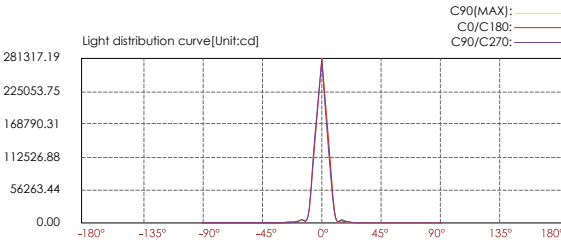
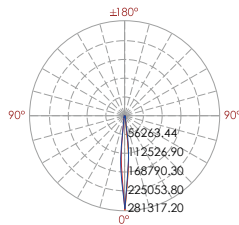
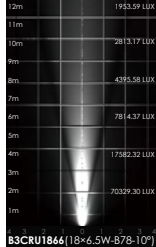
Illuminance at a distance		
Center beam LUX	Beam width	
	V	H
2m 21378.47 LUX	0.3m	0.3m
4m 5344.62 LUX	0.7m	0.7m
6m 2375.39 LUX	1.0m	1.0m
8m 1336.16 LUX	1.4m	1.3m
10m 855.14 LUX	1.7m	1.7m
12m 593.85 LUX	2.1m	2.0m

Ver.Spread:9.6 Horiz.Spread:9.8



Illuminance at a distance		
Center beam LUX	Beam width	
	V	H
2m 45677.02 LUX	0.3m	0.3m
4m 11419.25 LUX	0.7m	0.7m
6m 5075.23 LUX	1.0m	1.0m
8m 2854.81 LUX	1.3m	1.4m
10m 1827.08 LUX	1.7m	1.7m
12m 1268.81 LUX	2.0m	2.0m

Ver.Spread:9.7 Horiz.Spread:9.4



Illuminance at a distance		
Center beam LUX	Beam width	
	V	H
2m 70329.30 LUX	0.3m	0.3m
4m 17582.32 LUX	0.7m	0.7m
6m 7814.37 LUX	1.0m	1.0m
8m 4395.58 LUX	1.3m	1.4m
10m 2813.17 LUX	1.7m	1.7m
12m 1953.59 LUX	2.0m	2.0m

Ver.Spread:9.5 Horiz.Spread:9.6

Middle power Spotlight IP66



ITEM
R3EJU0126

LIGHT SOURCE
1×6W COB

REFLECTOR
R8

SELECTED DEGREE(°)θ1/2
24°

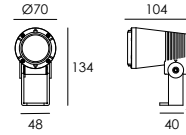
INPUT VOLTAGE(V)
DC 24 120 240

OPERATING CURRENT(MA)
DC 24=320 120=65 240=37

CONSUMPTION(W)
DC 24=7.5 120=7.7 240=7.8

LUMINANCE(LM)
CW=730 WW=646

IK
05



ITEM
R3DJU0169

LIGHT SOURCE
1×16W COB

REFLECTOR
R17

SELECTED DEGREE(°)θ1/2
32°

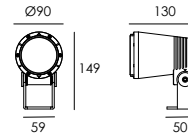
INPUT VOLTAGE(V)
DC 24 120 240V

OPERATING CURRENT(MA)
DC 24=700 120=145 240=89

CONSUMPTION(W)
DC 24=17 120=19 240=18.5

LUMINANCE(LM)
CW=1900 WW=1763

IK
06



ITEM
R3CJU0171

LIGHT SOURCE
1×20W COB

REFLECTOR
R19

SELECTED DEGREE(°)θ1/2
22°

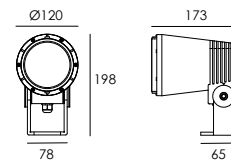
INPUT VOLTAGE(V)
DC 24 120 240

OPERATING CURRENT(MA)
DC 24=960 120=205 240=108

CONSUMPTION(W)
DC 24=23 120=23.5 240=24.2

LUMINANCE(LM)
CW=2596 WW=2409

IK
06



ITEM
R3BJU0176

LIGHT SOURCE
1×40W COB

REFLECTOR
R16

SELECTED DEGREE(°)θ1/2
25°

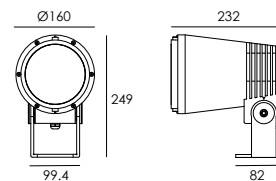
INPUT VOLTAGE(V)
DC 24 120 240

OPERATING CURRENT(MA)
DC 24=1882 120=372 240=187

CONSUMPTION(W)
DC 24=45 120=44.8 240=44.5

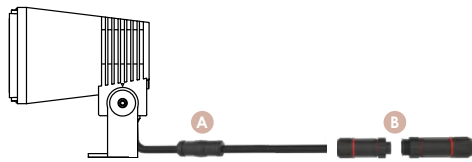
LUMINANCE(LM)
CW=4770 WW=4455

IK
06



Middle power Spotlight IP66

WATER PROOF SOLUTION

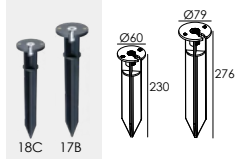


- A Water-Stopper(Included)**
A IP-66 water-stopper is added in the end of luminaires as standard assembly which is also an important system for water resistance.
- B IP67 Jiffy quick plug/socket connector(Optional)**
A IP-67 connector is as an optional assembly and ensures that water vapor will not enter into luminaires directly.

ACCESSORIES (Optional)

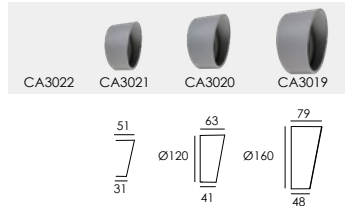
SPIKE

PC/ABS alloys



I'D	Fitted Item
18C	R3EJU0126 R3DJU0169
17B	R3CJU0171

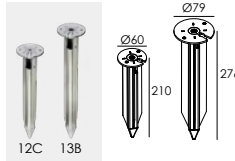
BEVEL CUT HOOD



I'D	Fitted Item
CA3022	R3EJU0126
CA3021	R3DJU0169
CA3020	R3CJU0171
CA3019	R3BJU0176

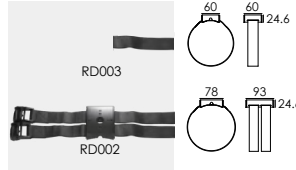


STAINLESS STEEL



I'D	Fitted Item
12C	R3EJU0126 R3DJU0169
13B	R3CJU0171

TREE POLE STRAP



I'D	Fitted Item
RD003	R3EJU0126 R3DJU0169
RD002	R3CJU0171



HOUSING

12# Die-casting aluminum finishing or powder painting
T=60-80µm. Adhesion of ISO class 1/ASTM class 4B

LIGHT WINDOW

Tempered glass. T=3mm

LED

NICHIA

LED DRIVER

Constant Voltage Input, Constant Current Output

CABLE GLAND

IP68 PG-9 PA66

GASKET

Tooling shaped seal

POWER CABLE

Outside of luminaire
12V/24V: H05RN-F 2×1.0mm², L=2.0m
120V/240V: H05RN-F 3×1.0mm², L=2.0m

IK

R3EJU0126: 05
R3DJU0169, R3CJU0171, R3BJU0176: 06

DIMMING SUPPORT

Triac PWM Available
1-10V Dali Customized

REGULAR PAINTING COLOR

Basic

Dark Grey
KAP 7037

Secondary

Silver Grey
KAP 9022

Sanded Black
RAL 9005

OPTICS

Referenced Degree(°)θ1/2

Optics	R8	15°	24°	38°	60°
R16		12°	25°	38°	
R17		12°	18°	32°	
R19		10°	22°	38°	

Middle power Spotlight IP66

FEATURE



Gear: The gear between the luminaire housing and the U bracket to prevent sliding.

OVERVIEW



FAMILY ITEM APPLICATIONS

Surface Mounting Wall Light

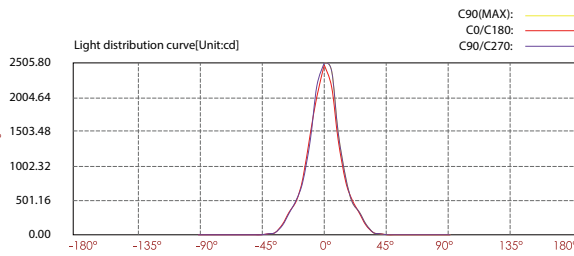
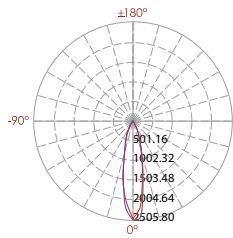
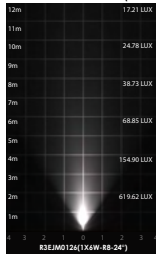


R7DJM0169T
• See page 92

R7CJM0171T

R7BJM0176T

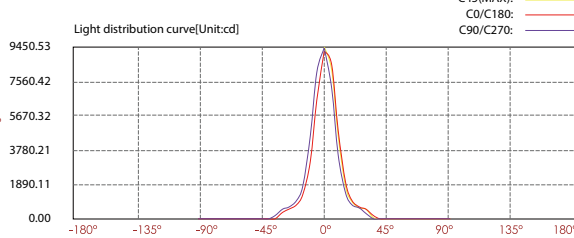
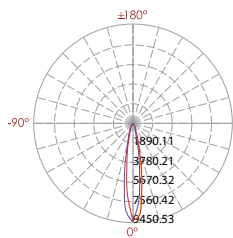
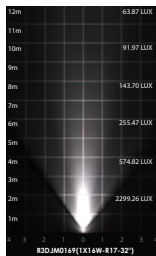
PHOTOMETRIC (Non Antiglare louver)



Lux distance curve

Center beam LUX	Beam width	
	V	H
2m	0.8m	0.8m
4m	1.6m	1.6m
6m	2.4m	2.4m
8m	3.2m	3.2m
10m	4.1m	4.0m
12m	4.9m	4.8m

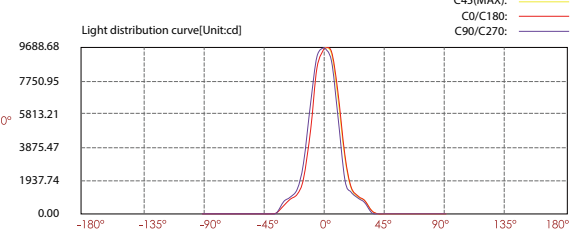
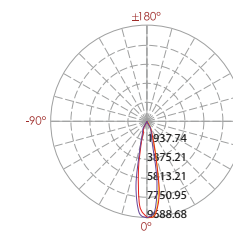
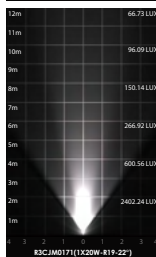
Ver.Spread:23.0 Horiz.Spread:22.8



Lux distance curve

Center beam LUX	Beam width	
	V	H
2m	0.6m	0.6m
4m	1.3m	1.3m
6m	1.9m	1.9m
8m	2.6m	2.5m
10m	3.2m	3.2m
12m	3.8m	3.8m

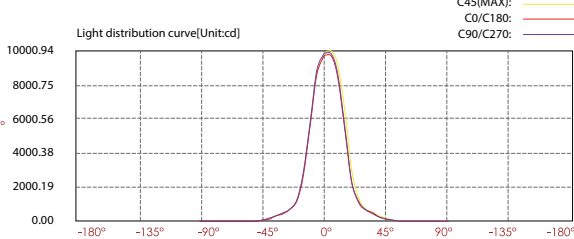
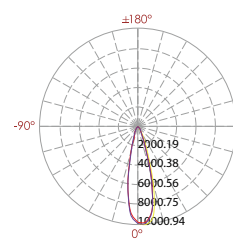
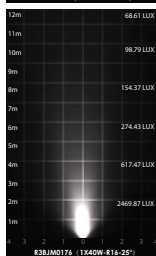
Ver.Spread:18.2 Horiz.Spread:18.0



Lux distance curve

Center beam LUX	Beam width	
	V	H
2m	0.8m	0.8m
4m	1.7m	1.7m
6m	2.5m	2.5m
8m	3.3m	3.3m
10m	4.2m	4.1m
12m	5.0m	5.0m

Ver.Spread:23.6 Horiz.Spread:23.3



Lux distance curve

Center beam LUX	Beam width	
	V	H
2m	0.9m	0.9m
4m	1.9m	1.9m
6m	2.8m	2.8m
8m	3.8m	3.7m
10m	4.7m	4.6m
12m	5.7m	5.6m

Ver.Spread:26.6 Horiz.Spread:26.1



Universal Type Spotlight/Flood Light IP66



ITEM
B3EKA0359

LIGHT SOURCE / LENS
3×3.5W / FB12B5

SELECTED DEGREE(°)Ø1/2
45°

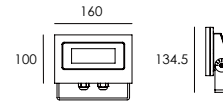
INPUT VOLTAGE(V)
DC 24 120 240

OPERATING CURRENT(MA)
DC 24=500 120=114 240=58

CONSUMPTION(W)
DC 24=12 120=13.7 240=13.2

LUMINANCE(LM)
705

IK
06



ITEM
B3FKA0559

LIGHT SOURCE / LENS
5×3.5W / FB11B4, FB12B5

SELECTED DEGREE(°)Ø1/2
45°

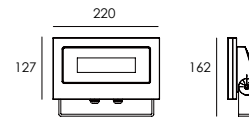
INPUT VOLTAGE(V)
DC 24 120 240

OPERATING CURRENT(MA)
DC 24=750 120=181 240=94

CONSUMPTION(W)
DC 24=18 120=21.7 240=21.7

LUMINANCE(LM)
1324

IK
06



ITEM
B3GKA1259

LIGHT SOURCE / LENS
12×3W / FB12B5

SELECTED DEGREE(°)Ø1/2
45°

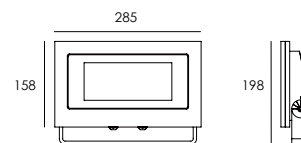
INPUT VOLTAGE(V)
DC 24 120 240

OPERATING CURRENT(MA)
DC 24=1430 120=227 240=169

CONSUMPTION(W)
DC 24=35 120=39.2 240=39

LUMINANCE(LM)
2940

IK
06



ITEM
B3HKA2158

LIGHT SOURCE / LENS
21×3W / FB11B4, FB12B5

SELECTED DEGREE(°)Ø1/2
45°

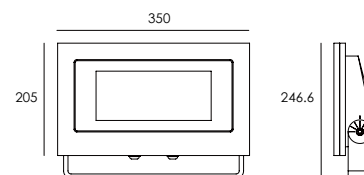
INPUT VOLTAGE(V)
DC 24 120 240

OPERATING CURRENT(MA)
DC 24=2700 120=502 240=253

CONSUMPTION(W)
DC 24=65 120=60.5 240=58.8

LUMINANCE(LM)
4787

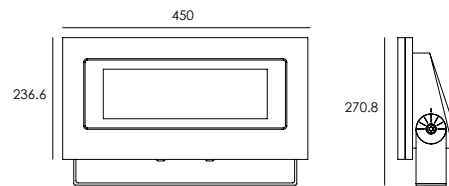
IK
06



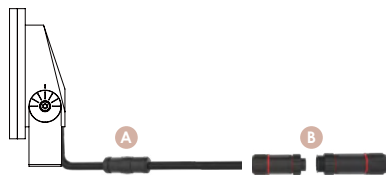
Universal Type Spotlight/Flood Light IP66



ITEM	B3IKA3058
LIGHT SOURCE / LENS	30×2.8W / FB11B4, FB12B5
SELECTED DEGREE(°)θ1/2	45°
INPUT VOLTAGE(V)	DC 24 120 240
OPERATING CURRENT(MA)	DC 24=4000 120=724 240=383
CONSUMPTION(W)	DC 24=96 120=86.8 240=86.3
LUMINANCE(LM)	6053
IK	06



WATER PROOF SOLUTION



- A Water-Stopper** (Included)
A IP-66 water-stopper is added in the end of luminaires as standard assembly which is also an important system for water resistance.
- B IP67 Jiffy quick plug/socket connector** (Option)
A IP-67 connector is as an optional assembly and ensures that water vapor will not enter into luminaires directly.

HOUSING	12# Die-casting aluminum finishing or powder painting T=60-80μm. Adhesion of ISO class 1/ASTM class 4B
LIGHT WINDOW	Tempered glass, T=3mm
LED	NICHIA
LED DRIVER	Constant Voltage Input, Constant Current Output
CABLE GLAND	IP68 PG-9 PA66
GASKET	Tooling shaped seal
POWER CABLE	Outside of luminaire 12V/24V: H05RN-F 2×1.0mm ² , L=2.0m 120V/240V: H05RN-F 3×1.0mm ² , L=2.0m
DIMMING SUPPORT	Triac PWM Available 1-10V Dali Customized B3GKA1259, B3HKA2158, B3IKA3058

REGULAR PAINTING COLOR

Basic	Secondary
Dark Grey KAP 7037	Silver Grey KAP 9022
	Sanded Black RAL 9005

OPTICS

Referenced Degree(°)θ1/2

FB11B4	9°	15°	20°	30°	45°	60°
FB12B5	9°	15°	20°	30°	45°	60°

Universal Type Spotlight/Flood Light IP66

FEATURE



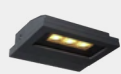
Gear: The gear between the luminaire housing and the U bracket to prevent sliding.

OVERVIEW



FAMILY ITEM APPLICATIONS

Surface Mounting Wall Light



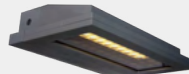
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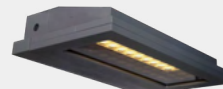
C7FKB0559



C7GKB1259



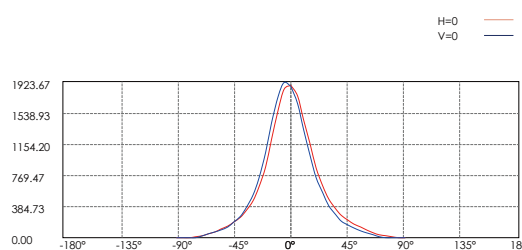
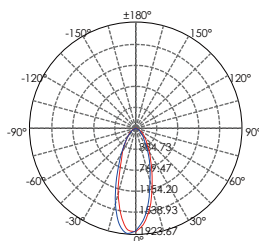
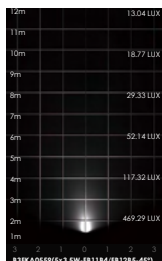
C7HKB2158



C7IKB3058

• See page 56

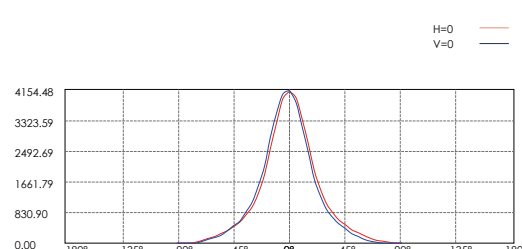
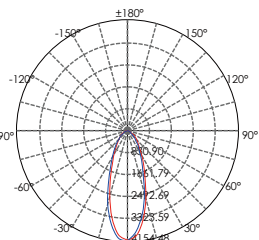
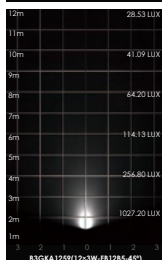
PHOTOMETRIC



Lux distance Curve

	Illuminance at a Distance	
	Center Beam LUX	Beam Width V H
2m	469.29 LUX	1.3m 1.3m
4m	117.32 LUX	2.7m 2.7m
6m	52.14 LUX	4.0m 4.0m
8m	29.33 LUX	5.4m 5.4m
10m	18.77 LUX	6.7m 6.7m
12m	13.04 LUX	8.1m 8.1m

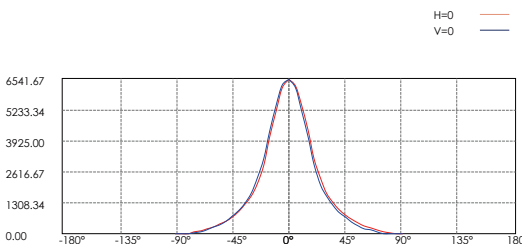
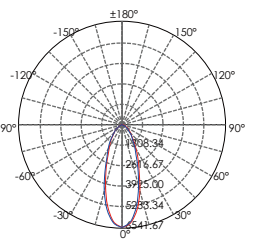
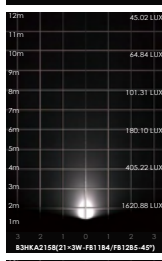
Vert.Spread:37.2 Horiz.Spread:37.3



Lux distance Curve

	Illuminance at a Distance	
	Center Beam LUX	Beam Width V H
2m	1027.20 LUX	1.4m 1.4m
4m	256.80 LUX	2.7m 2.7m
6m	114.13 LUX	4.1m 4.1m
8m	64.20 LUX	5.5m 5.5m
10m	41.09 LUX	6.9m 6.9m
12m	28.53 LUX	8.2m 8.2m

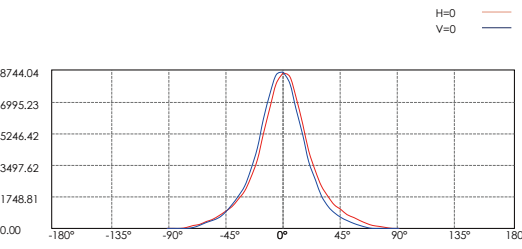
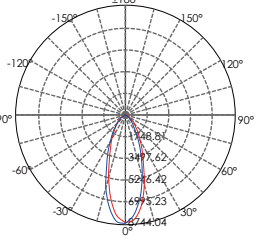
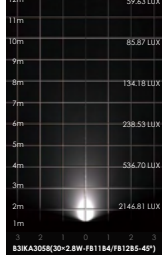
Vert.Spread:37.8 Horiz.Spread:37.9



Lux distance Curve

	Illuminance at a Distance	
	Center Beam LUX	Beam Width V H
2m	1620.88 LUX	1.4m 1.4m
4m	405.22 LUX	2.8m 2.8m
6m	180.10 LUX	4.1m 4.2m
8m	101.31 LUX	5.5m 5.5m
10m	64.84 LUX	6.9m 6.9m
12m	45.02 LUX	8.3m 8.3m

Vert.Spread:38.1 Horiz.Spread:38.2



Lux distance Curve

	Illuminance at a Distance	
	Center Beam LUX	Beam Width V H
2m	2146.81 LUX	1.4m 1.4m
4m	536.70 LUX	2.8m 2.8m
6m	238.53 LUX	4.1m 4.2m
8m	134.18 LUX	5.5m 5.6m
10m	85.87 LUX	6.9m 7.0m
12m	59.63 LUX	8.3m 8.4m

Vert.Spread:38.1 Horiz.Spread:38.4

Universal Type Spotlight/Flood Light IP66



ITEM
B3EME0459

LIGHT SOURCE
4×3,5W

LENS
FB11B4

SELECTED DEGREE(°)θ1/2
30°

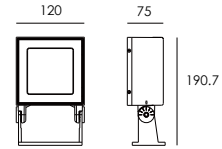
INPUT VOLTAGE(V)
DC 24 120 240

OPERATING CURRENT(MA)
DC 24=630 120=146 240=73

CONSUMPTION(W)
DC 24=15 120=17.5 240=17

LUMINANCE(LM)
1206

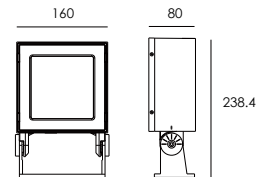
IK



SELECTED DEGREE(°)θ1/2
30°

OPERATING CURRENT(MA)
DC 24=1375 120=245 240=133

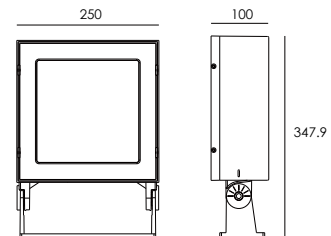
CONSUMPTION(W)
DC 24=33 120=29.6 240=30



SELECTED DEGREE(°)θ1/2
30°

OPERATING CURRENT(MA)
DC 24=3420 120=596 240=306

CONSUMPTION(W)
DC 24=82 120=71.2 240=71



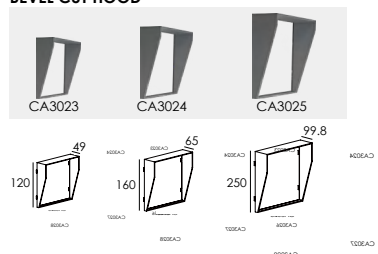
WATER PROOF SOLUTION



- A Water-Stopper(Included)**
A IP-66 water-stopper is added in the end of luminaires as standard assembly which is also an important system for water resistance.
- B IP67 Jiffy quick plug/socket connector(Optional)**
A IP-67 connector is as an optional assembly and ensures that water vapor will not enter into luminaires directly.

ACCESSORIES(Optional)

BEVEL CUT HOOD



I'D	Fitted Item
CA3023	B3EME0459
CA3024	B3FME0958
CA3025	B3GME2558



Universal Type Spotlight/Flood Light IP66

HOUSING	12# Die-casting aluminum finishing or powder painting T=60-80µm.Adhesion of ISO class 1/ASTM class 4B
LIGHT WINDOW	Tempered glass.T=3mm
LED	NICHIA
LED DRIVER	Constant Voltage Input, Constant Current Output
CABLE GLAND	IP68 PG-9 PA66
GASKET	Tooling shaped seal
POWER CABLE	Outside of luminaire 12V/24V: H05RN-F 2×1.0mm ² , L=2.0m 120V/240V: H05RN-F 3×1.0mm ² , L=2.0m

REGULAR PAINTING COLOR						
Basic		Secondary				
	Dark Grey KAP 7037		Silver Grey KAP 9022		Sanded Black RAL 9005	
OPTICS						
		Referenced Degree(°)θ1/2				
	FB11B4	9°	15°	20°	30°	45° 60°
	FB12B5	9°	15°	20°	30°	45° 60°

FEATURE



Gear: The gear between the luminaire housing and the U bracket to prevent sliding.

OVERVIEW



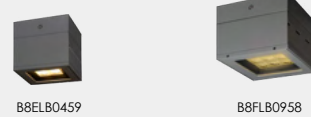
FAMILY ITEM APPLICATIONS
Surface Mounting Wall Light



B7EMG0459
• See page 50

B7FMG0958

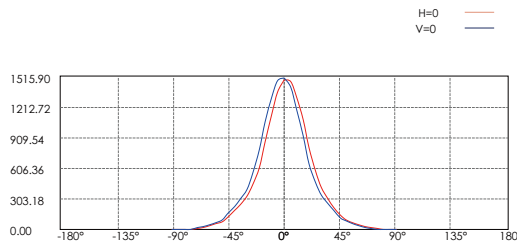
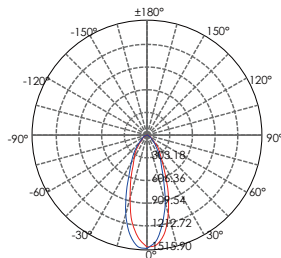
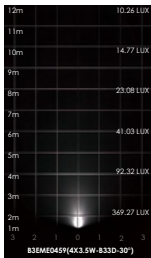
Wall Mounting Ceiling Down Light



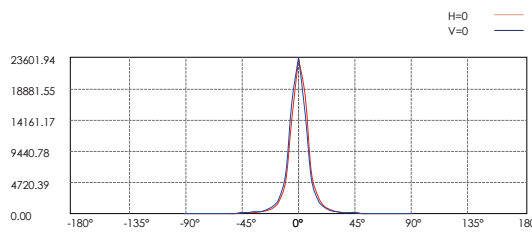
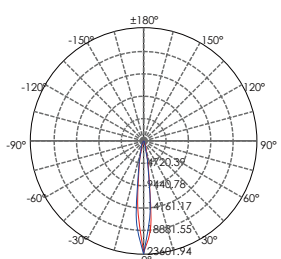
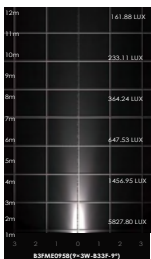
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• See page 260

B8FLB0958

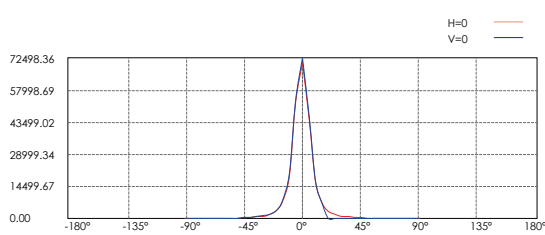
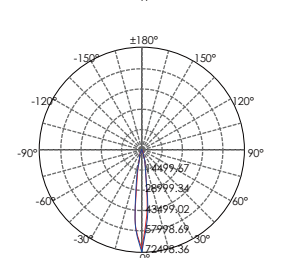
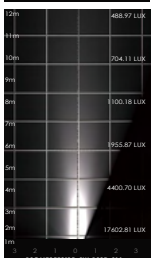
PHOTOMETRIC



Lux distance Curve



Lux distance Curve

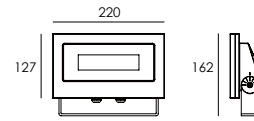


Lux distance Curve

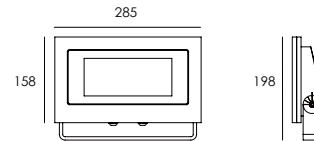
Asymmetrical Wall Washer IP66



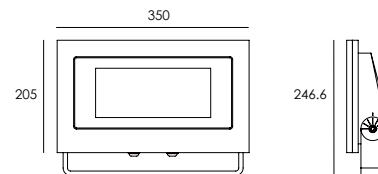
ITEM	C3FKA1057
LIGHT SOURCE	10×1.5W
LENS	C18
SELECTED DEGREE(°)θ1/2	94°×76°
INPUT VOLTAGE(V)	DC 24 120 240
OPERATING CURRENT(MA)	DC 24=725 120=174 240=91
CONSUMPTION(W)	DC 24=17.4 120=20 240=20.1
LUMINANCE(LM)	1372
IK	06



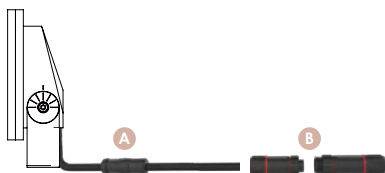
ITEM	C3GKA1257
LIGHT SOURCE	12×2W
LENS	C18
SELECTED DEGREE(°)θ1/2	78°×40°
INPUT VOLTAGE(V)	DC 24 120 240
OPERATING CURRENT(MA)	DC 24=1000 120=211 240=118
CONSUMPTION(W)	DC 24=24 120=25 240=26.3
LUMINANCE(LM)	DC 24=1684 240=1808
IK	06



ITEM	C3HKA2157
LIGHT SOURCE	21×1.7W
LENS	C18
SELECTED DEGREE(°)θ1/2	80°×60°
INPUT VOLTAGE(V)	DC 24 120 240
OPERATING CURRENT(MA)	DC 24=1470 120=318 240=172
CONSUMPTION(W)	DC 24=35 120=37.8 240=38
LUMINANCE(LM)	2257
IK	06



WATER PROOF SOLUTION



- A Water-Stopper(Included)**
A IP-66 water-stopper is added in the end of luminaires as standard assembly which is also an important system for water resistance.
- B IP67 Jiffy quick plug/socket connector(Optional)**
A IP-67 connector is as an optional assembly and ensures that water vapor will not enter into luminaires directly.

Asymmetrical Wall Washer IP66

HOUSING	12# Die-casting aluminum finishing or powder painting T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
LIGHT WINDOW	Tempered glass. T=3mm
LED	NICHIA
LED DRIVER	Constant Voltage Input, Constant Current Output
CABLE GLAND	IP68 PG-9 PA66
GASKET	Tooling shaped seal
POWER CABLE	Outside of luminaire 12V/24V: H05RN-F 2×1.0mm ² , L=2.0m 120V/240V: H05RN-F 3×1.0mm ² , L=2.0m

REGULAR PAINTING COLOR

Basic	Secondary
 Dark Grey KAP 7037	 Silver Grey KAP 9022
	 Sanded Black RAL 9005

OPTICS

Referenced Degree(°) 91/2

 C18	 L01 ⁸⁰ / ₆₀ F077YS
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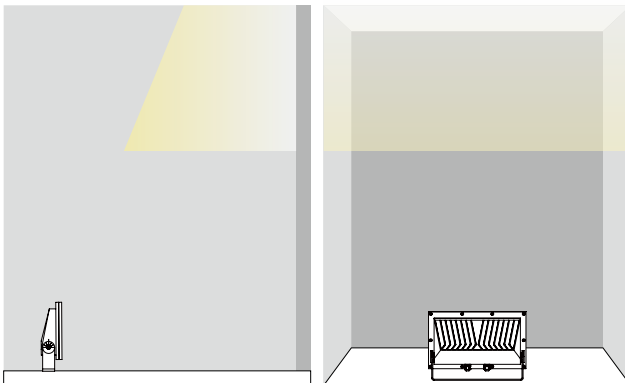
FEARURE



Gear: The gear between the luminaire housing and the U bracket to prevent sliding.

OVERVIEW

BEAM DEMO



FAMILY ITEM APPLICATIONS

Surface Mounting Wall Light



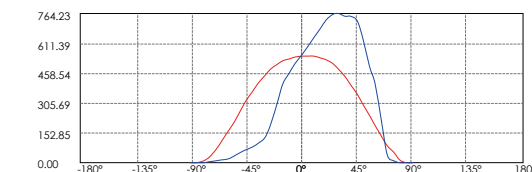
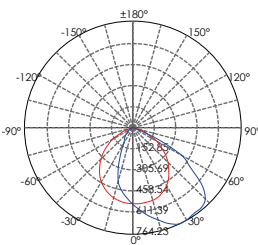
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- See page 54



C7HKB2157

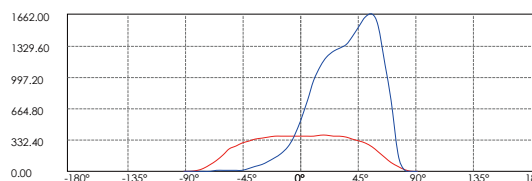
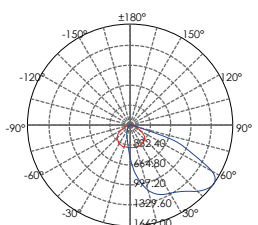
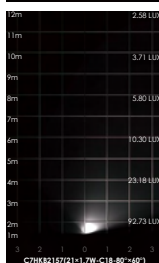
PHOTOMETRIC



Lux distance Curve

Distance (m)	Illuminance at a Distance	
	Center Beam LUX	Beam Width V x H
2m	136.34 LUX	4.3m 3.2m
4m	34.08 LUX	8.7m 6.3m
6m	15.15 LUX	13.0m 9.5m
8m	8.52 LUX	17.3m 12.6m
10m	5.45 LUX	21.7m 15.8m
12m	3.79 LUX	26.0m 18.9m

Vert. Spread: 94.6 Horiz. Spread: 76.5



Lux distance Curve

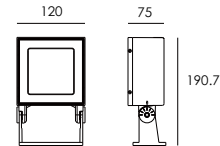
Distance (m)	Illuminance at a Distance	
	Center Beam LUX	Beam Width V x H
2m	92.73 LUX	3.6m 2.4m
4m	23.18 LUX	7.1m 4.8m
6m	10.30 LUX	10.7m 7.2m
8m	5.80 LUX	14.3m 9.6m
10m	3.71 LUX	17.8m 12.0m
12m	2.58 LUX	21.4m 14.4m

Vert. Spread: 83.5 Horiz. Spread: 62.1

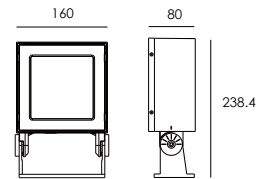
Asymmetrical Wall Washer IP66



ITEM	C3EME0458
LIGHT SOURCE	4×3W NICHIA
LENS	C18
SELECTED DEGREE(°)θ1/2	65°×55°
INPUT VOLTAGE(V)	120 240
OPERATING CURRENT(MA)	120=106 240=56
CONSUMPTION(W)	120=12.6 240=12.6
LUMINANCE(LM)	520
IK	05



ITEM	C3FME1057
LIGHT SOURCE	10×1.8W NICHIA
LENS	C18
SELECTED DEGREE(°)θ1/2	85°×55°
INPUT VOLTAGE(V)	120 240
OPERATING CURRENT(MA)	120=165 240=93
CONSUMPTION(W)	120=20 240=20.9
LUMINANCE(LM)	680
IK	06



WATER PROOF SOLUTION



- A Water-Stopper(Included)**
A IP-66 water-stopper is added in the end of luminaires as standard assembly which is also an important system for water resistance.
- B IP67 Jiffy quick plug/socket connector(Optional)**
A IP-67 connector is as an optional assembly and ensures that water vapor will not enter into luminaires directly.

HOUSING	12# Die-casting aluminum finishing or powder painting T=60-80µm.Adhesion of ISO class 1/ASTM class 4B
LIGHT WINDOW	Tempered glass.T=3mm
LED	NICHIA
LED DRIVER	Constant Voltage Input, Constant Current Output
CABLE GLAND	IP68 PG-9 PA66
GASKET	Tooling shaped seal
POWER CABLE	Outside of luminaire 12V/24V: H05RN-F 2×1.0mm ² , L=2.0m 120V/240V: H05RN-F 3×1.0mm ² , L=2.0m

REGULAR PAINTING COLOR

Basic		Secondary	
	Dark Grey KAP 7037		Silver Grey KAP 9022
			Sanded Black RAL 9005

OPTICS

Referenced Degree(°)θ1/2

	C18	L0180 F077YS
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Asymmetrical Wall Washer IP66

FEATURE

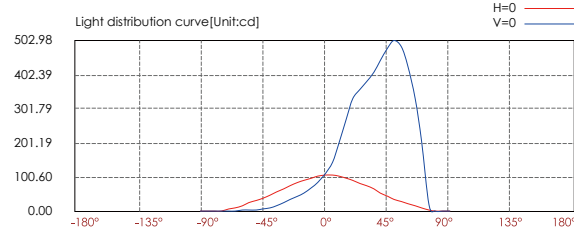
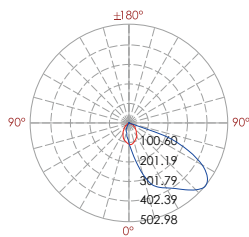


Gear: The gear between the luminaire housing and the U bracket to prevent sliding.

OVERVIEW



PHOTOMETRIC

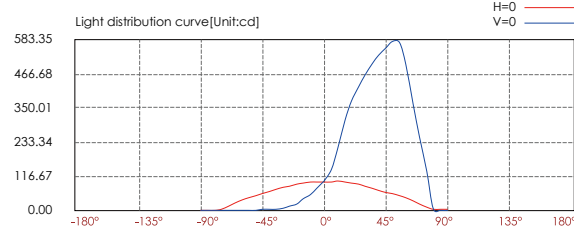
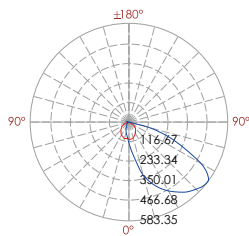


Light distribution curve [Unit:cd]

H=0 (red line)
V=0 (blue line)

Illuminance at a distance			
Center beam LUX	Beam width		
	V	H	
2m	26.95 LUX	2.5m	2.1m
4m	6.74 LUX	5.0m	4.1m
6m	2.99 LUX	7.5m	6.2m
8m	1.68 LUX	9.9m	8.3m
10m	1.08 LUX	12.4m	10.3m
12m	0.75 LUX	14.9m	12.4m

Ver.Spread: 63.7 Horiz.Spread: 54.7



Light distribution curve [Unit:cd]

H=0 (red line)
V=0 (blue line)

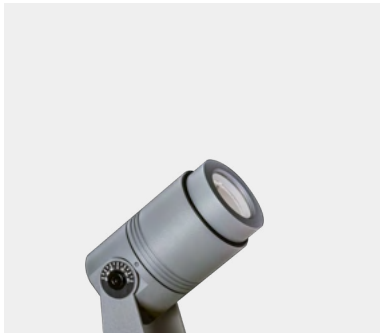
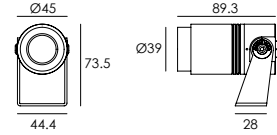
Illuminance at a distance			
Center beam LUX	Beam width		
	V	H	
2m	24.40 LUX	2.7m	2.0m
4m	6.10 LUX	5.3m	4.1m
6m	2.71 LUX	8.0m	6.1m
8m	1.53 LUX	10.6m	8.2m
10m	0.98 LUX	13.3m	10.2m
12m	0.68 LUX	16.0m	12.3m

Ver.Spread: 67.3 Horiz.Spread: 54.3

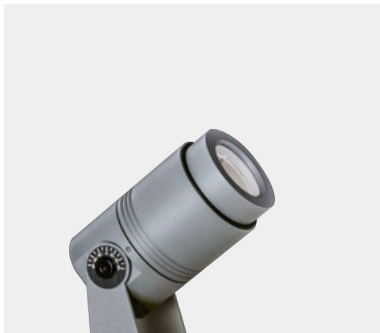
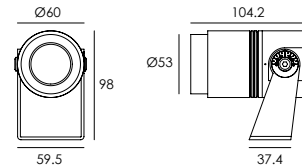
Garden Light IP66



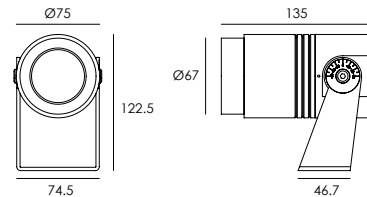
ITEM	B3ACX0158
LIGHT SOURCE	1×3W NICHIA
LENS	B33
SELECTED DEGREE(°)θ1/2	20°
INPUT VOLTAGE(V)	DC 24 120 240
OPERATING CURRENT(MA)	DC 24=162 120=45 240=26
CONSUMPTION(W)	DC 24=3.9 120=5.3 240=5.4
LUMINANCE(LM)	DC 24=288 120 240=258
IK	04



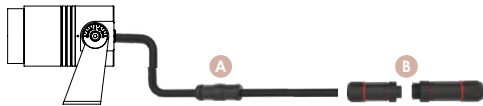
ITEM	B3ADX0127
LIGHT SOURCE	1×8W NICHIA
LENS	B71
SELECTED DEGREE(°)θ1/2	33°
INPUT VOLTAGE(V)	DC 24 120 240
OPERATING CURRENT(MA)	DC 24=437 120=92 240=49
CONSUMPTION(W)	DC 24=10.4 120=11 240=10.5
LUMINANCE(LM)	24=1051 240=968
IK	03



ITEM	B3AEX0169
LIGHT SOURCE	1×14W NICHIA
LENS	B67
SELECTED DEGREE(°)θ1/2	38°
INPUT VOLTAGE(V)	DC 24 240
OPERATING CURRENT(MA)	DC 24=670 240=70
CONSUMPTION(W)	DC 24=16 240=16.6
LUMINANCE(LM)	DC 24=1705 240V=1689
IK	05



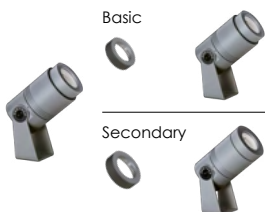
WATER PROOF SOLUTION



A Water-Stopper(Included)
A IP-66 water-stopper is added in the end of luminaires as standard assembly which is also an important system for water resistance.

B IP67 Jiffy quick plug/socket connector(Option)
A IP-67 connector is as an optional assembly and ensures that water vapor will not enter into luminaires directly.

ASSEMBLE EXPLANATION



•Standard cover for option assembled by manufacture, it also combine the bevel cut hood to be a new option.

•This cover for option assembled by user select.

FEATURE



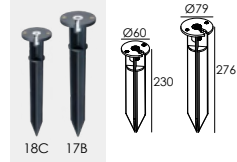
Gear: The gear between the luminaire housing and the U bracket to prevent sliding.

Garden Light IP66

ACCESSORIES (Optional)

SPIKE

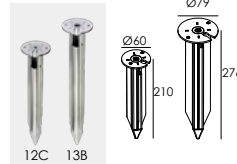
PC/ABS alloys



I'D	Fitted Item
18C	B3ACX0158 B3ADX0127
17B	B3AEX0169



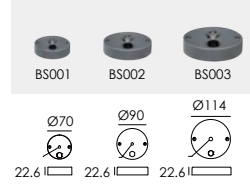
STAINLESS STEEL



I'D	Fitted Item
12C	B3ACX0158 B3ADX0127
13B	B3AEX0169



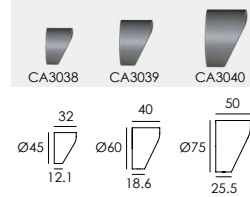
ROUND SURFACE MOUNTING BASE



I'D	Fitted Item
BS001	B3ACX0158
BS002	B3ADX0127
BS003	B3AEX0169



HOOD



I'D	Fitted Item
CA3038	B3ACX0158
CA3039	B3ADX0127
CA3040	B3AEX0169



HOUSING

12# Die-casting aluminum finishing or powder painting
T=60-80µm. Adhesion of ISO class 1/ASTM class 4B

LENS

OPTICS lens, efficiency ≥ 85%

LIGHT WINDOW

Tempered glass, T = 3mm

CABLE GLAND

Nickel coated copper

GASKET

Tooling shaped seal

PCB

Excellent heat conductivity aluminum, coefficient of heat Conductivity ≥ 2.0w/mk

LED DRIVER

Constant Voltage Input, Constant Current Output

OPERATING TEMPERATURE

-20°C~40°C

POWER CABLE

Outside of luminaire
12V/24V: H05RN-F 2×1.0mm², L=2.0m
120V/240V: H05RN-F 3×1.0mm², L=2.0m

DIMMING SUPPORT

Triac PWM Available
1-10V Dali Customized

REGULAR PAINTING COLOR

Basic



Secondary

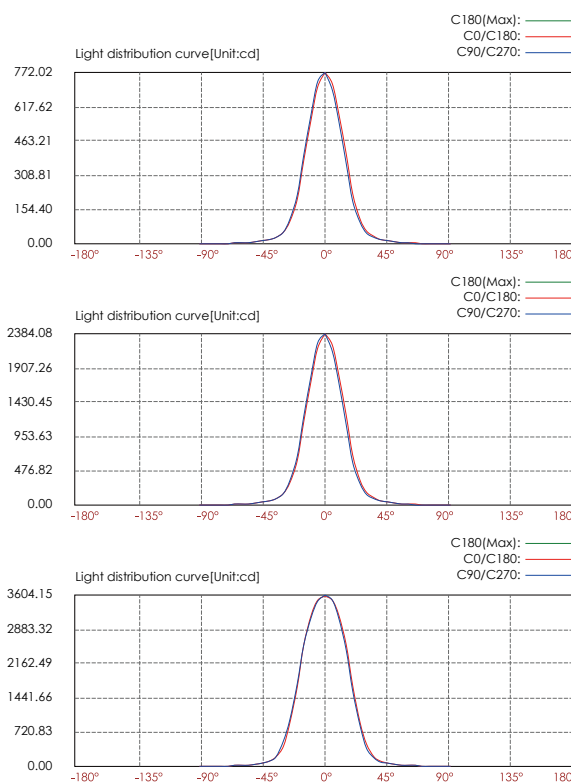
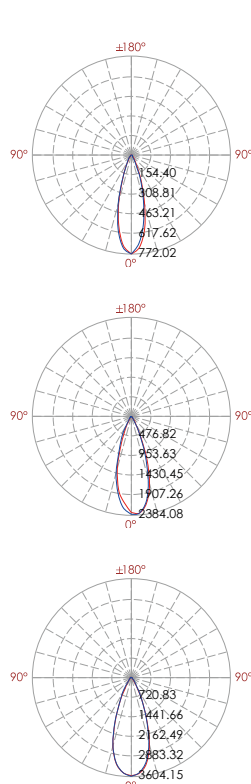
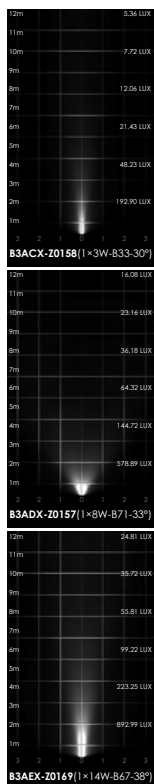


OPTICS

Referenced Degree(°) 91/2

Optics	9°	15°	20°	45°	60°
B33					
B71					
B67					

PHOTOMETRIC



Luminaire: B3ACX-Z0158 (1x3W-B33-30°)					
Center beam LUX	Beam width V	Beam width H	Illuminance at a distance		
192.90 LUX	1.1m	1.1m	2m	48.23 LUX	2.2m
48.23 LUX	2.2m	2.2m	4m	12.06 LUX	4.3m
12.06 LUX	4.3m	4.2m	6m	7.72 LUX	5.4m
7.72 LUX	5.4m	5.3m	8m	5.36 LUX	6.5m
5.36 LUX	6.5m	6.3m	10m		
			12m		
			Vert. Spread: 30.2	Horiz. Spread: 29.6	

Luminaire: B3ADX-Z0157 (1x8W-B71-33°)					
Center beam LUX	Beam width V	Beam width H	Illuminance at a distance		
578.89 LUX	1.3m	1.3m	2m	144.72 LUX	2.5m
144.72 LUX	2.5m	2.5m	4m	64.32 LUX	3.8m
64.32 LUX	3.8m	3.8m	6m	34.18 LUX	5.1m
34.18 LUX	5.1m	5.1m	8m	23.16 LUX	6.3m
23.16 LUX	6.3m	6.3m	10m	16.08 LUX	7.6m
16.08 LUX	7.6m	7.6m	12m		
			Vert. Spread: 35.1	Horiz. Spread: 35.1	

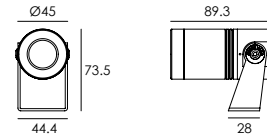
Luminaire: B3AEX-Z0169 (1x14W-B67-38°)					
Center beam LUX	Beam width V	Beam width H	Illuminance at a distance		
892.99 LUX	1.4m	1.4m	2m	223.25 LUX	2.8m
223.25 LUX	2.8m	2.8m	4m	99.22 LUX	4.2m
99.22 LUX	4.2m	4.2m	6m	55.81 LUX	5.6m
55.81 LUX	5.6m	5.6m	8m	37.52 LUX	7.0m
37.52 LUX	7.0m	7.0m	10m	24.81 LUX	8.4m
24.81 LUX	8.4m	8.4m	12m		
			Vert. Spread: 38.7	Horiz. Spread: 35.1	

Garden Light IP66



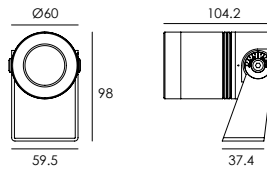
ITEM

B3ACZ0158
LIGHT SOURCE
 1×3W NICHIA
LENS
 B33
SELECTED DEGREE(°)Θ1/2
 20°
INPUT VOLTAGE(V)
 DC 24 120 240
OPERATING CURRENT(MA)
 DC 24=162 120=45 240=26
CONSUMPTION(W)
 DC 24=3.9 120=5.3 240=5.4
LUMINANCE(LM)
 DC 24=288 240=258
IK
 04



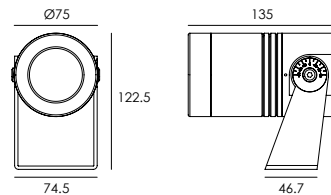
ITEM

B3ADZ0127
LIGHT SOURCE
 1×8W NICHIA
LENS
 B71
SELECTED DEGREE(°)Θ1/2
 33°
INPUT VOLTAGE(V)
 DC 24 120 240
OPERATING CURRENT(MA)
 DC 24=437 120=92 240=49
CONSUMPTION(W)
 DC 24=10.4 120=11 240=10.5
LUMINANCE(LM)
 DC 24=1051 240=968
IK
 03

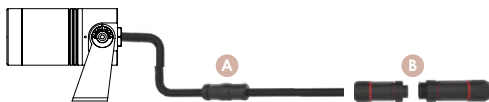


ITEM

B3AEZ0169
LIGHT SOURCE
 1×14W NICHIA
LENS
 B67
SELECTED DEGREE(°)Θ1/2
 38°
INPUT VOLTAGE(V)
 DC 24 240
OPERATING CURRENT(MA)
 DC 24=670 240=70
CONSUMPTION(W)
 DC 24=16 240=16.6
LUMINANCE(LM)
 DC 24=1705 240=1689
IK
 05



WATER PROOF SOLUTION



- A Water-Stopper(Included)**
 A IP-66 water-stopper is added in the end of luminaires as standard assembly which is also an important system for water resistance.
- B IP67 Jiffy quick plug/socket connector(Option)**
 A IP-67 connector is as an optional assembly and ensures that water vapor will not enter into luminaires directly.

ASSEMBLE EXPLANATION



FEATURE



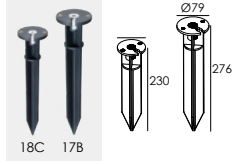
Gear: The gear between the luminaire housing and the U bracket to prevent sliding.

Garden Light IP66

ACCESSORIES (Optional)

SPIKE

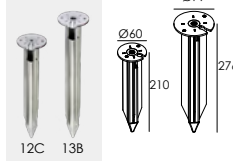
PC/ABS alloys $\varnothing 60$



I'D	Fitted Item
18C	B3ACZ0158 B3ADZ0127
17B	B3AEZ0169



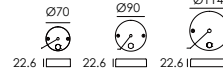
STAINLESS STEEL



I'D	Fitted Item
12C	B3ACZ0158 B3ADZ0127
13B	B3AEZ0169



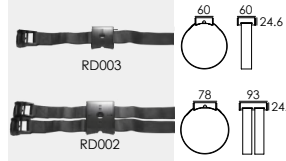
ROUND SURFACE MOUNTING BASE



I'D	Fitted Item
BS001	B3ACZ0158 B3ADZ0127
BS002	B3ADZ0127
BS003	B3AEZ0169



TREE POLE STRAP



I'D	Fitted Item
RD003	B3ACZ0158 B3ADZ0127
RD002	B3AEZ0169



HOUSING

12# Die-casting aluminum finishing or powder painting
T=60-80 μ m. Adhesion of ISO class 1/ASTM class 4B

LENS

OPTICS lens, efficiency $\geq 85\%$

LIGHT WINDOW

Tempered glass, T = 3mm

CABLE GLAND

Nickel coated copper

GASKET

Tooling shaped seal

PCB

Excellent heat conductivity aluminum, coefficient of heat Conductivity $\geq 2.0w/mk$

LED DRIVER

Constant Voltage Input, Constant Current Output

OPERATING TEMPERATURE

-20°C~40°C

POWER CABLE

Outside of luminaire
12V/24V: H05RN-F 2 \times 1.0mm², L=2.0m
120V/240V: H05RN-F 3 \times 1.0mm², L=2.0m

DIMMING SUPPORT

Triac PWM Available
1-10V Dali Customized

REGULAR PAINTING COLOR

Basic



Secondary

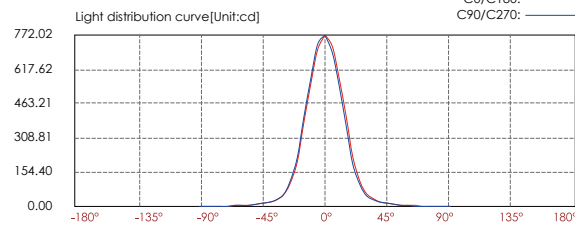
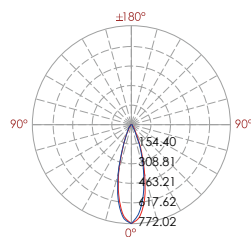
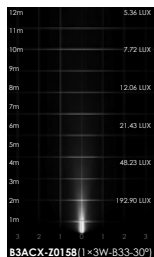


OPTICS

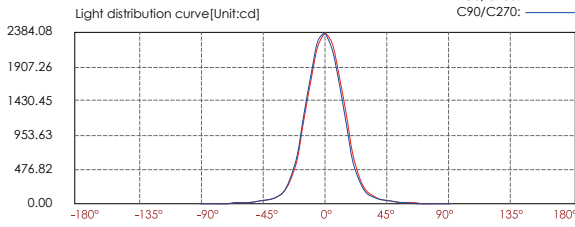
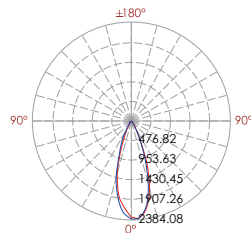
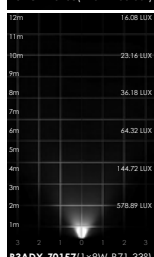
Referenced Degree(°) $\theta 1/2$

Optics	9°	15°	20°	45°	60°
B33					
B71					
B67					

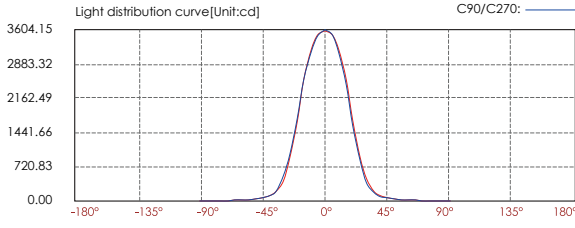
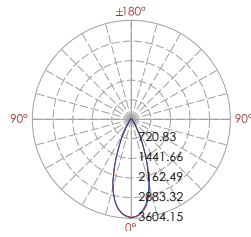
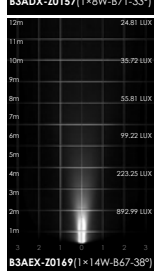
PHOTOMETRIC



Illuminance at a distance		
Center beam LUX	Beam width V	H
2m 192.90 LUX	1.1m	1.1m
4m 48.23 LUX	2.2m	2.1m
6m 21.43 LUX	3.2m	3.2m
8m 12.06 LUX	4.3m	4.2m
10m 7.72 LUX	5.4m	5.3m
12m 5.36 LUX	6.5m	6.3m

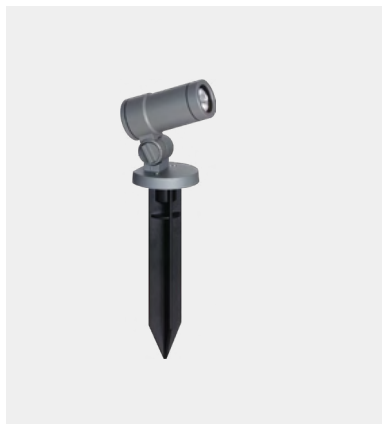


Illuminance at a distance		
Center beam LUX	Beam width V	H
2m 578.89 LUX	1.3m	1.3m
4m 144.72 LUX	2.5m	2.5m
6m 64.32 LUX	3.8m	3.8m
8m 36.18 LUX	5.1m	5.1m
10m 23.16 LUX	6.3m	6.3m
12m 16.08 LUX	7.6m	7.6m



Illuminance at a distance		
Center beam LUX	Beam width V	H
2m 892.99 LUX	1.4m	1.4m
4m 223.25 LUX	2.8m	2.8m
6m 99.22 LUX	4.2m	4.2m
8m 55.81 LUX	5.6m	5.6m
10m 37.52 LUX	7.0m	7.0m
12m 24.81 LUX	8.4m	8.4m

Garden Light IP66



ITEM
B3TMS0158

LIGHT SOURCE
1×3W NICHIA

LENS
B33

SELECTED DEGREE(°)θ1/2
20°

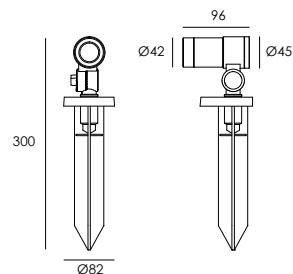
INPUT VOLTAGE(V)
DC 24 120 240

OPERATING CURRENT(MA)
DC 24=170 120=45 240=26

CONSUMPTION(W)
DC 24=4.1 120=5.3 240=5.4

LUMINANCE(LM)
CW=305 WW=274

IK
06



ITEM
B3TNS0126

LIGHT SOURCE
1×6W NICHIA

LENS
B51

SELECTED DEGREE(°)θ1/2
28°

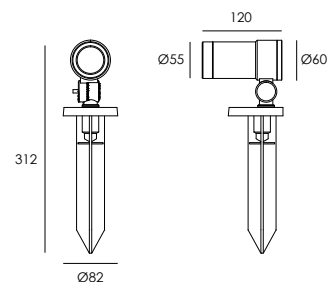
INPUT VOLTAGE(V)
DC 24 120 240

OPERATING CURRENT(MA)
DC 24=325 120=56 240=32

CONSUMPTION(W)
DC 24=7.8 120=6.7 240=6.8

LUMINANCE(LM)
CW=740 WW=667

IK
06



ITEM
B3TOS0128

LIGHT SOURCE
1×10W NICHIA

LENS
B52

SELECTED DEGREE(°)θ1/2
24°

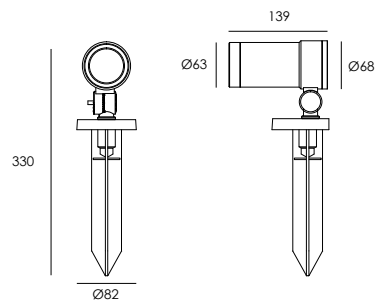
INPUT VOLTAGE(V)
DC 24 120 240

OPERATING CURRENT(MA)
DC 24=480 120=107 240=55

CONSUMPTION(W)
DC 24=11.5 120=12.6 240=12.3

LUMINANCE(LM)
CW=1200 WW=1315

IK
06



ITEM
B3TPS0171

LIGHT SOURCE
1×20W NICHIA

LENS
B66

SELECTED DEGREE(°)θ1/2
25°

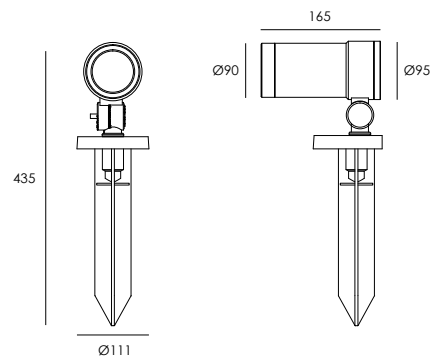
INPUT VOLTAGE(V)
DC 24 120 240

OPERATING CURRENT(MA)
DC 24=958 120=180 240=93

CONSUMPTION(W)
DC 24=23 120=25 240=25.8

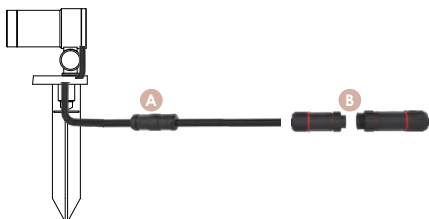
LUMINANCE(LM)
CW=2200 WW=2071

IK
06



Garden Light IP66

WATER PROOF SOLUTION

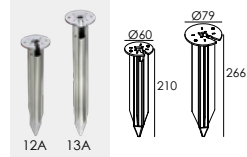


- A Water-Stopper(Included)**
A IP-66 water-stopper is added in the end of luminaires as standard assembly which is also an important system for water resistance.
- B IP67 Jiffy quick plug/socket connector(Optional)**
A IP-67 connector is as an optional assembly and ensures that water vapor will not enter into luminaires directly.

ACCESSORIES(Optional)

SPIKE

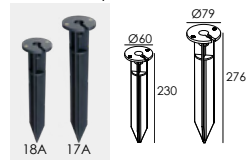
STAINLESS STEEL



I'D	Fitted Item
12A	B3TMS0158 B3TNS0126 B3TOS0128
13A	B3TPS0171



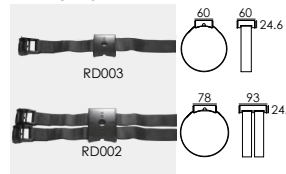
PC/ABS alloys



I'D	Fitted Item
18A	B3TMS0158 B3TNS0126 B3TOS0128
17A	B3TPS0171



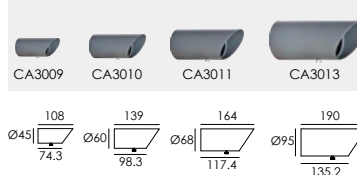
TREE POLE STRAP



I'D	Fitted Item
RD003	B3TMS0158 B3TNS0126 B3TOS0128
RD002	B3TPS0171



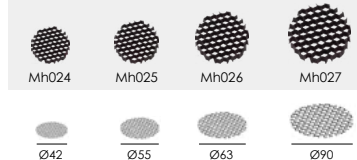
BEVEL CUT HOOD



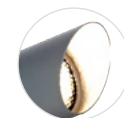
I'D	Fitted Item
CA3009	B3TMS0158
CA3010	B3TNS0126
CA3011	B3TOS0128
CA3013	B3TPS0171



HONEYCOMB LOUVER



I'D	Fitted Item
Mh024	B3TMS0158
Mh025	B3TNS0126
Mh026	B3TOS0128
Mh027	B3TPS0171



HOUSING

12# Die-casting aluminum finishing or powder painting
T=60-80µm. Adhesion of ISO class 1/ASTM class 4B

LIGHT WINDOW

Tempered glass, T=4mm

GASKET

Tooling shaped seal

LED

Nichia

LED DRIVER

Constant Voltage Input, Constant Current Output

LENS/REFLECTOR

OPTICS lens, efficiency ≥ 85%

OPERATING TEMPERATURE

-20 C ~ 40 C

POWER CABLE

Outside of luminaire
12V/24V: H05RN-F 2×1.0mm², L=2.0m
120V/240V: H05RN-F 3×1.0mm², L=2.0m

REGULAR PAINTING COLOR

Basic



Secondary



OPTICS

Referenced Degree(°) 91/2

	B33	9°	15°	20°	45°	60°
	B52	20°	36°			
	B66	15°	25°	38°		
	B51	20°	28°	36°	60°	

Garden Light IP66

OVERVIEW



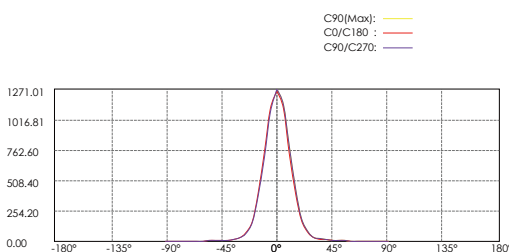
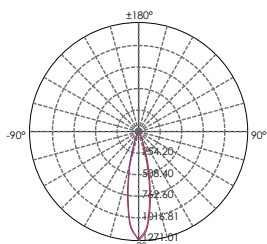
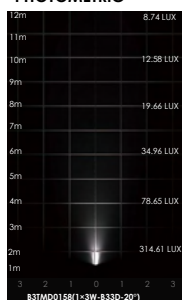
FAMILY ITEM APPLICATIONS

Surface Mounting Wall Light



• See page 88

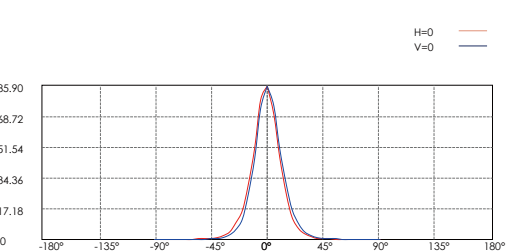
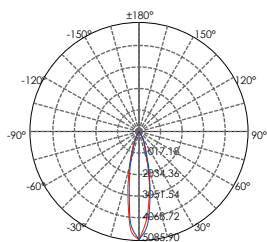
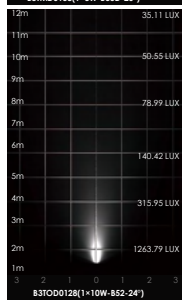
PHOTOMETRIC



Lux distance Curve

Center Beam LUX	Beam Width	
	V	H
2m	0.8m	0.8m
4m	1.6m	1.6m
6m	2.5m	2.5m
8m	3.3m	3.3m
10m	4.1m	4.1m
12m	4.9m	4.9m

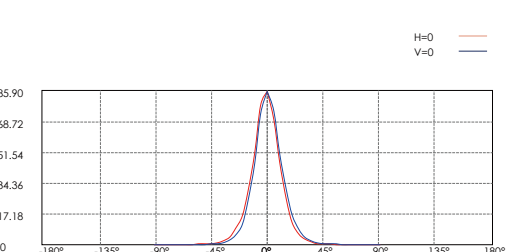
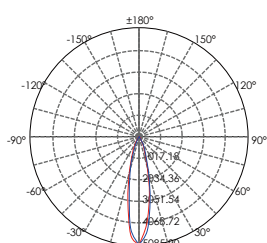
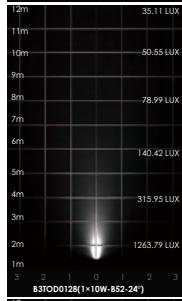
Vert.Spread:23.3 Horiz.Spread:23.2



Lux distance Curve

Center Beam LUX	Beam Width	
	V	H
2m	0.8m	0.8m
4m	1.6m	1.6m
6m	2.4m	2.4m
8m	3.2m	3.2m
10m	4.0m	4.0m
12m	4.8m	4.8m

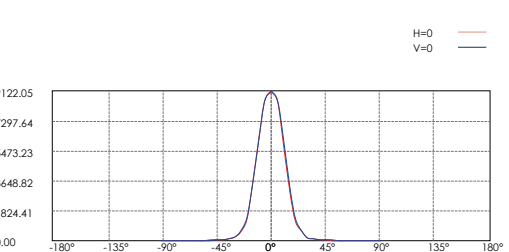
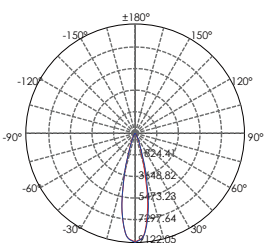
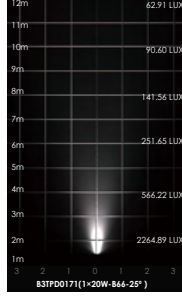
Vert.Spread:22.8 Horiz.Spread:22.6



Lux distance Curve

Center Beam LUX	Beam Width	
	V	H
2m	0.8m	0.8m
4m	1.6m	1.6m
6m	2.4m	2.4m
8m	3.2m	3.2m
10m	4.0m	4.0m
12m	4.8m	4.8m

Vert.Spread:22.8 Horiz.Spread:22.6



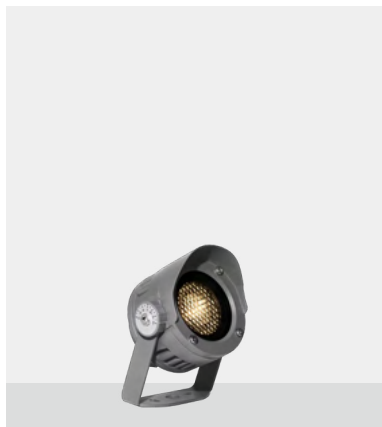
Lux distance Curve

Center Beam LUX	Beam Width	
	V	H
2m	0.9m	0.9m
4m	1.8m	1.8m
6m	2.7m	2.8m
8m	3.6m	3.7m
10m	4.5m	4.6m
12m	5.4m	5.5m

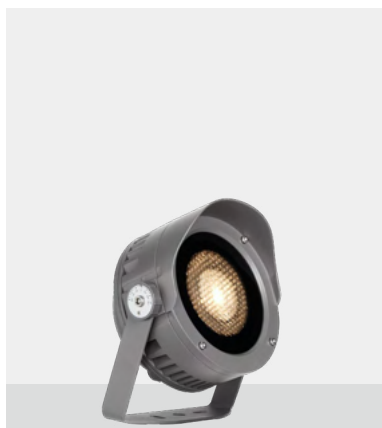
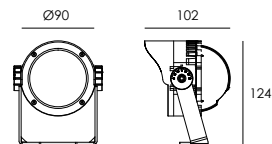
Vert.Spread:25.5 Horiz.Spread:25.8



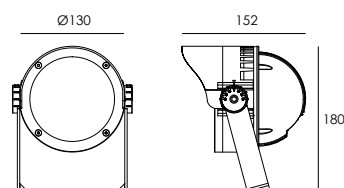
Garden Light IP66



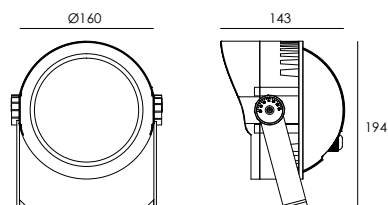
ITEM	B3BG0127
LIGHT SOURCE	24V=1×8W 240V=1×6W
LENS	B55
SELECTED DEGREE(°)θ1/2	24°
INPUT VOLTAGE(V)	DC 24 120 240
OPERATING CURRENT(MA)	DC 24=374 120=65 240=35
CONSUMPTION(W)	DC 24=8.9 120=6.8 240=7.3
LUMINANCE(LM)	548
IK	07



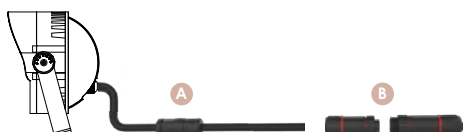
ITEM	B3BH0129
LIGHT SOURCE	1×12W
LENS	B56
SELECTED DEGREE(°)θ1/2	24°
INPUT VOLTAGE(V)	DC 24 120 240
OPERATING CURRENT(MA)	DC 24=583 120=114 240=68
CONSUMPTION(W)	DC 24=14 120=13.5 240=14
LUMINANCE(LM)	1263
IK	07



ITEM	B3BI0170
LIGHT SOURCE	1×18W
LENS	B57
SELECTED DEGREE(°)θ1/2	24°
INPUT VOLTAGE(V)	DC 24 240
OPERATING CURRENT(MA)	DC 24=940 120=173 240=99
CONSUMPTION(W)	DC 24=22.56 120=20.5 240=20.4
LUMINANCE(LM)	2101
IK	07



WATER PROOF SOLUTION



- A Water-Stopper(Included)**
A IP-66 water-stopper is added in the end of luminaires as standard assembly which is also an important system for water resistance.
- B IP67 Jiffy quick plug/socket connector(Optional)**
A IP-67 connector is as an optional assembly and ensures that water vapor will not enter into luminaires directly.

Garden Light IP66

ACCESSORIES(Optional)

SPIKE

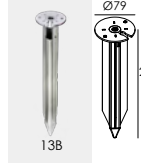
PC/ABS alloys



ID	Fitted Item
17B	B3BG0127 B3BH0129 B3BI0170



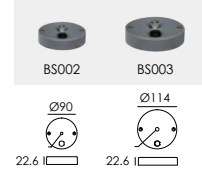
STAINLESS STEEL



ID	Fitted Item
13B	B3BG0127 B3BH0129 B3BI0170



ROUND SURFACE MOUNTING BASE



ID	Fitted Item
BS002	B3BG0127
BS003	B3BH0129 B3BI0170



- HOUSING** 12# Die-casting aluminum finishing or powder painting T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- LENS** All-in-one OPTICS lens, efficiency≥85%
- LIGHT WINDOW** Tempered glass. T=4mm
- CABLE GLAND** IP68 PG-9 PA66
- GASKET** Tooling shaped seal
- BRACKET** Powder coated aluminum
- POWER CABLE** Outside of luminaire
12V/24V: H05RN-F 2×1.0mm², L=2.0m
120V/240V: H05RN-F 3×1.0mm², L=2.0m

REGULAR PAINTING COLOR

- Basic** Dark Grey KAP 7037
- Secondary** Silver Grey KAP 9022
- Sanded Black RAL 9005

OPTICS

Referenced Degree(°)θ1/2

Optics	θ1	θ2	θ3	θ4
B55	18°	28°	38°	
B56	15°	24°	38°	
B57	12°	24°	36°	60°

FEASURE

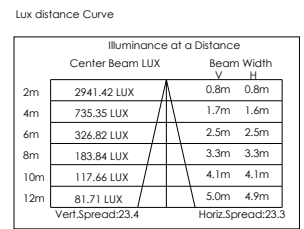
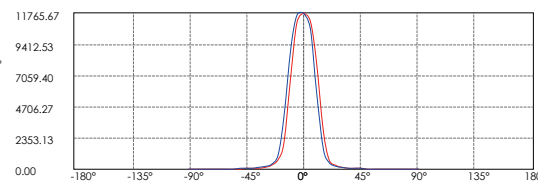
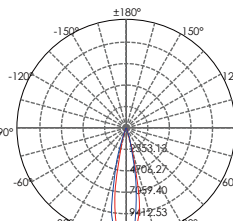
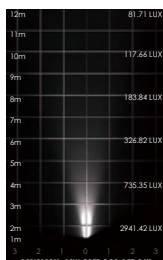
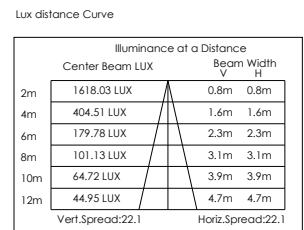
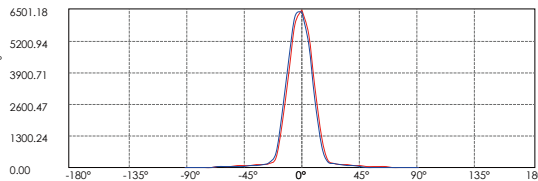
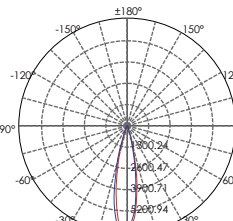
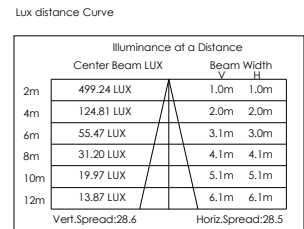
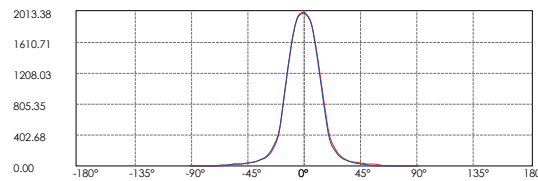
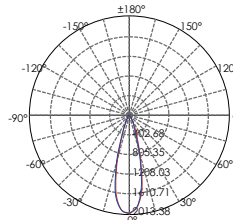
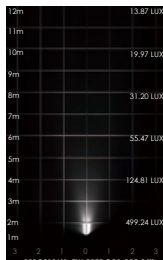


Gear: The gear between the luminaire housing and the U bracket to prevent sliding.

OVERVIEW



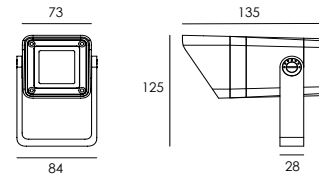
PHOTOMETRIC



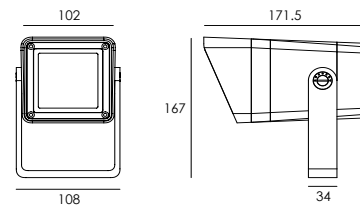
Garden Light IP66



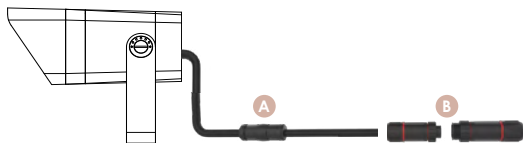
ITEM	B3DVU0127
LIGHT SOURCE	1×8W
LENS	B71
SELECTED DEGREE(°)θ1/2	24°
INPUT VOLTAGE(V)	DC 24 240
OPERATING CURRENT(MA)	DC 24=411 240=45
CONSUMPTION(W)	DC 24=9.8 240=10
LUMINANCE(LM)	792



ITEM	B3DWU0460
LIGHT SOURCE	4×4W
LENS	FB11B4
SELECTED DEGREE(°)θ1/2	20°
INPUT VOLTAGE(V)	DC 24 120 240
OPERATING CURRENT(MA)	DC 24=795 120=142 240=78
CONSUMPTION(W)	DC 24=19 120=17 240=17.4
LUMINANCE(LM)	1227



WATER PROOF SOLUTION

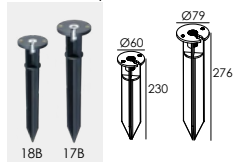


- A Water-Stopper(Included)**
A IP-66 water-stopper is added in the end of luminaires as standard assembly which is also an important system for water resistance.
- B IP67 Jiffy quick plug/socket connector(Optional)**
A IP-67 connector is as an optional assembly and ensures that water vapor will not enter into luminaires directly.

ACCESSORIES(Optional)

SPIKE

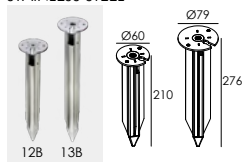
PC/ABS alloys



I'D	Fitted Item
18B	B3DVU0127
17B	B3DWU0460



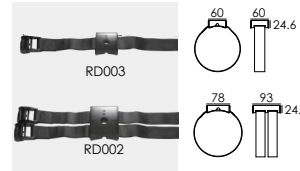
STAINLESS STEEL



I'D	Fitted Item
12B	B3DVU0127
13B	B3DWU0460



TREE POLE STRAP



I'D	Fitted Item
RD003	B3DVU0127
RD002	B3DWU0460



Garden Light IP66



HOUSING	12# Die-casting aluminum finishing or powder painting T=60-80µm.Adhesion of ISO class 1/ASTM class 4B
LIGHT WINDOW	Tempered glass.T=3mm
LED	NICHIA
LED DRIVER	Constant Voltage Input,Constant Current Output
CABLE GLAND	IP68 PG-9 PA66
GASKET	Tooling shaped seal
POWER CABLE	Outside of luminaire 12V/24V: H05RN-F 2×1.0mm ² , L=2.0m 120V/240V: H05RN-F 3×1.0mm ² , L=2.0m

REGULAR PAINTING COLOR

Basic	Secondary
 Dark Grey KAP 7037	 Silver Grey KAP 9022  Sanded Black RAL 9005

OPTICS

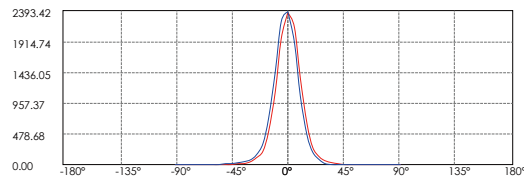
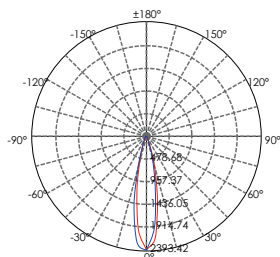
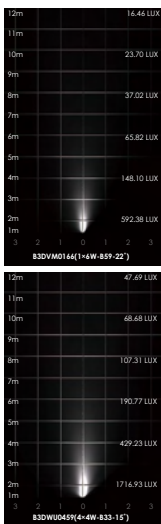
Referenced Degree(°)91/2

 B71	15°	24°	33°	45°	60°	
 FB11B4	9°	15°	20°	30°	45°	60°

OVERVIEW



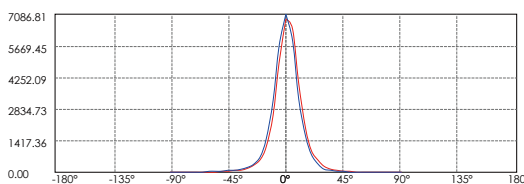
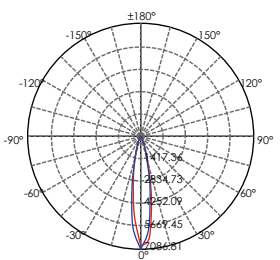
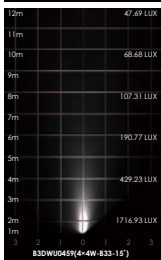
PHOTOMETRIC



Lux distance Curve

	Illuminance at a Distance	
	Center Beam LUX	Beam Width V H
2m	592.38 LUX	0.7m 0.7m
4m	148.10 LUX	1.5m 1.5m
6m	65.82 LUX	2.2m 2.2m
8m	37.02 LUX	3.0m 3.0m
10m	23.70 LUX	3.7m 3.7m
12m	14.48 LUX	4.4m 4.5m

Vert.Spread:20.9 Horiz.Spread:21.2



Lux distance Curve

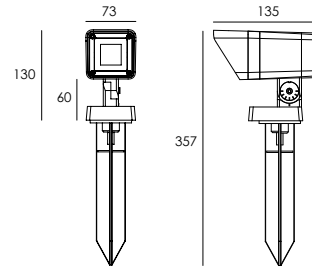
	Illuminance at a Distance	
	Center Beam LUX	Beam Width V H
2m	1716.93 LUX	0.7m 0.7m
4m	429.23 LUX	1.3m 1.3m
6m	190.77 LUX	2.0m 2.0m
8m	107.31 LUX	2.7m 2.7m
10m	68.68 LUX	3.4m 3.3m
12m	47.69 LUX	4.0m 4.0m

Vert.Spread:19.1 Horiz.Spread:18.8

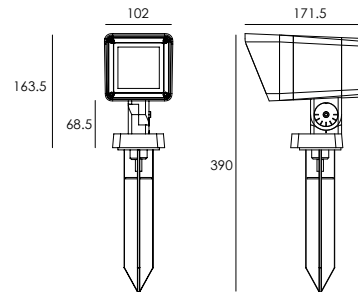
Garden Light IP66



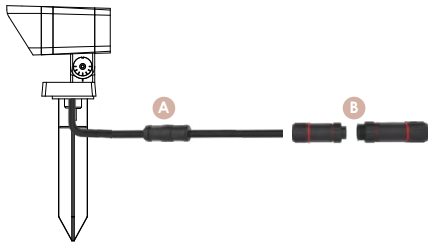
ITEM	B3DVB0127
LIGHT SOURCE	1×8W
LENS	B71
SELECTED DEGREE(°)θ1/2	24°
INPUT VOLTAGE(V)	DC 24 240
OPERATING CURRENT(MA)	DC 24=411 240=45
CONSUMPTION(W)	DC 24=9.8 240=10
LUMINANCE(LM)	792



ITEM	B3DWB0460
LIGHT SOURCE	4×4W
LENS	FB11B4
SELECTED DEGREE(°)θ1/2	20°
INPUT VOLTAGE(V)	DC 24 120 240
OPERATING CURRENT(MA)	DC 24=795 120=142 240=78
CONSUMPTION(W)	DC 24=19 120=17 240=17.4
LUMINANCE(LM)	1227



WATER PROOF SOLUTION

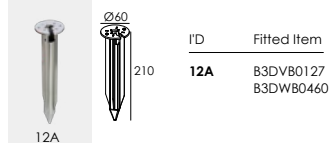


- A Water-Stopper(Included)**
A IP-66 water-stopper is added in the end of luminaires as standard assembly which is also an important system for water resistance.
- B IP67 Jifty quick plug/socket connector(Optional)**
A IP-67 connector is as an optional assembly and ensures that water vapor will not enter into luminaires directly.

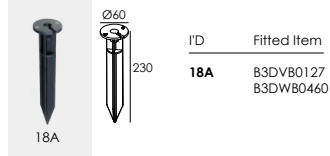
ACCESSORIES(Optional)

SPIKE

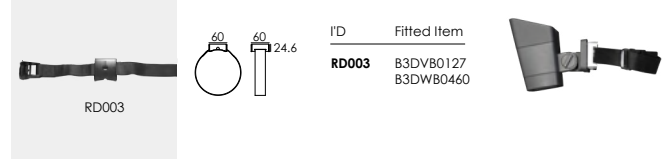
STAINLESS STEEL



PC/ABS alloys



TREE POLE STRAP



Garden Light IP66



HOUSING	12# Die-casting aluminum finishing or powder painting T=60-80μm.Adhesion of ISO class 1/ASTM class 4B
LIGHT WINDOW	Tempered glass.T=3mm
LED	NICHIA
LED DRIVER	Constant Voltage Input,Constant Current Output
CABLE GLAND	IP68 PG-9 PA66
GASKET	Tooling shaped seal
POWER CABLE	Outside of luminaire 12V/24V: H05RN-F 2×1.0mm ² , L=2.0m 120V/240V: H05RN-F 3×1.0mm ² , L=2.0m

REGULAR PAINTING COLOR

Basic	Secondary
 Dark Grey KAP 7037	 Silver Grey KAP 9022
	 Sanded Black RAL 9005

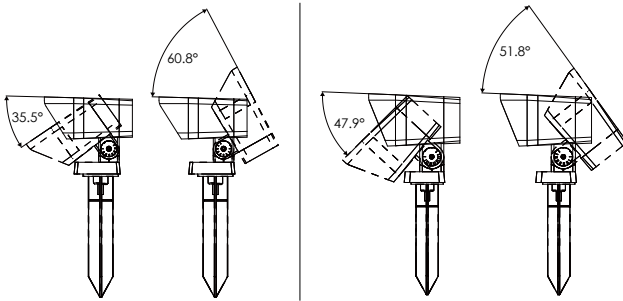
OPTICS

Referenced Degree(°)91/2

 B71	15°	24°	33°	45°	60°	
 FB11B4	9°	15°	20°	30°	45°	60°

ADJUSTABLE BEAM DIRECTION

Approximately



FAMILY ITEM APPLICATIONS

Surface Mounting Wall Light



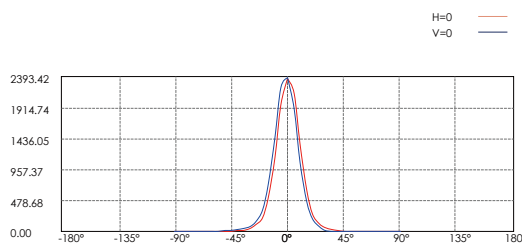
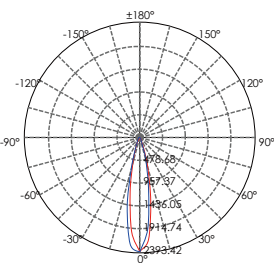
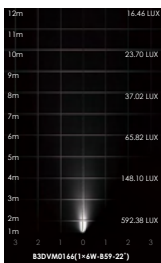
B7DVMG0127



B7DWM0460

• See page 94

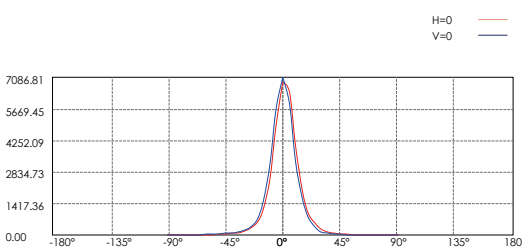
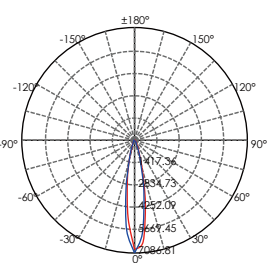
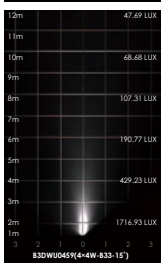
PHOTOMETRIC



Lux distance Curve

Center Beam LUX	Beam Width V	Beam Width H
592.38 LUX	0.7m	0.7m
148.10 LUX	1.5m	1.5m
65.82 LUX	2.2m	2.2m
37.02 LUX	3.0m	3.0m
23.70 LUX	3.7m	3.7m
16.46 LUX	4.4m	4.5m

Vert.Spread:20.9 Horiz.Spread:21.2



Lux distance Curve

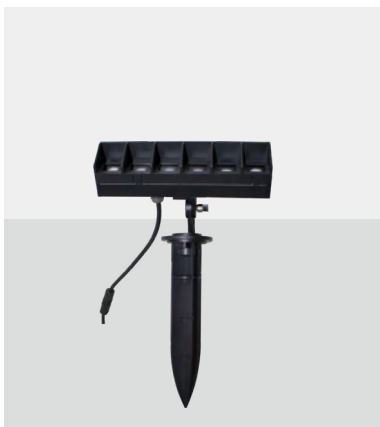
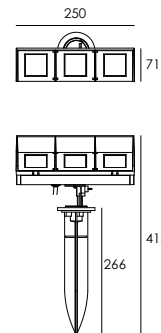
Center Beam LUX	Beam Width V	Beam Width H
1716.93 LUX	0.7m	0.7m
429.23 LUX	1.3m	1.3m
190.77 LUX	2.0m	2.0m
107.31 LUX	2.7m	2.7m
68.68 LUX	3.4m	3.3m
47.69 LUX	4.0m	4.0m

Vert.Spread:19.1 Horiz.Spread:19.2

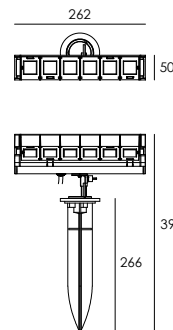
Garden Light IP66



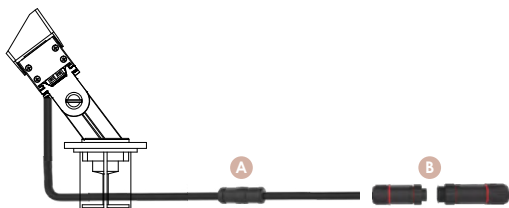
ITEM	B3LA0366
LIGHT SOURCE	3×7.2W NICHIA
LENS	A24A
SELECTED DEGREE(°)θ1/2	15°
INPUT VOLTAGE(V)	DC 24
OPERATING CURRENT(MA)	1153
CONSUMPTION(W)	27.7
LUMINANCE(LM)	1745
IK	05



ITEM	B3KA0657
LIGHT SOURCE	6×2W OSRAM
LENS	B17
SELECTED DEGREE(°)θ1/2	20°
INPUT VOLTAGE(V)	DC 24
OPERATING CURRENT(MA)	491
CONSUMPTION(W)	11.8
LUMINANCE(LM)	677
IK	06



WATER PROOF SOLUTION



- A Water-Stopper(Included)**
A IP-66 water-stopper is added in the end of luminaires as standard assembly which is also an important system for water resistance.
- B IP67 Jiffy quick plug/socket connector(Optional)**
A IP-67 connector is as an optional assembly and ensures that water vapor will not enter into luminaires directly.

Garden Light IP66



HOUSING	Extruded aluminum, powder coated
LENS	OPTICS lens, efficiency≥85%
LIGHT WINDOW	Tempered glass, T=4mm
CABLE GLAND	IP-68 PG-9 PA66
GASKET	Glass and housing are silicone sealed
LED	NICHIA SMD 3535
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	Outside of luminaire 12V/24V: H05RN-F 2×1.0mm², L=2.0m
SPIKE	ABS spike 7C

REGULAR PAINTING COLOR

Basic	Secondary	
 Dark Grey KAP 7037	 Silver Grey KAP 9022	Sanded Black RAL 9005

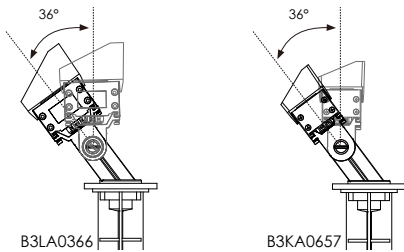
OPTICS

Referenced Degree(°)θ1/2

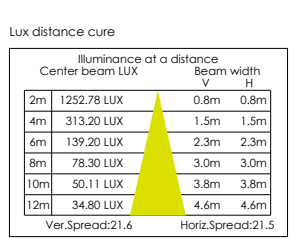
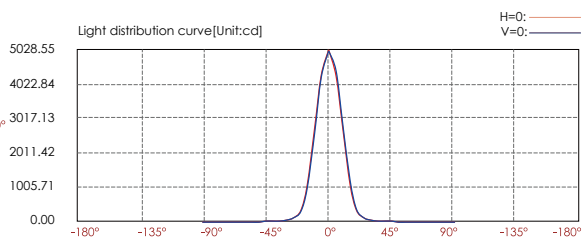
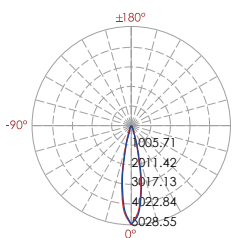
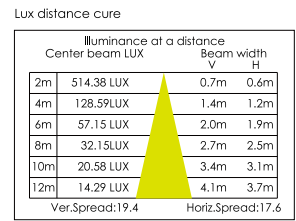
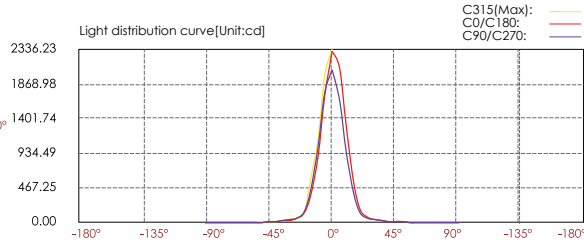
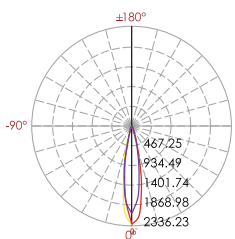
 A24A	15°	30°	15°×45°
 B17	15°	20°	45°

ADJUSTABLE BEAM DIRECTION

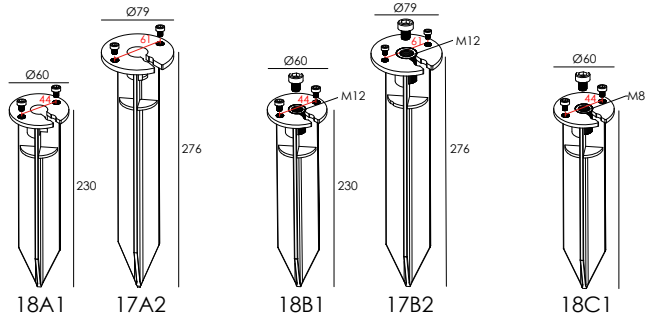
Approximately



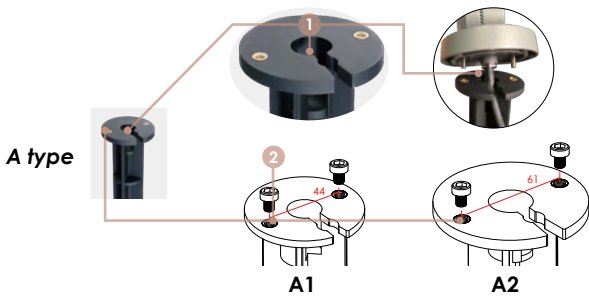
PHOTOMETRIC



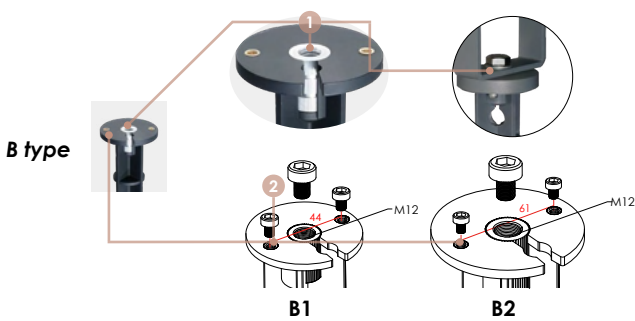
Spike PC&ABS alloys



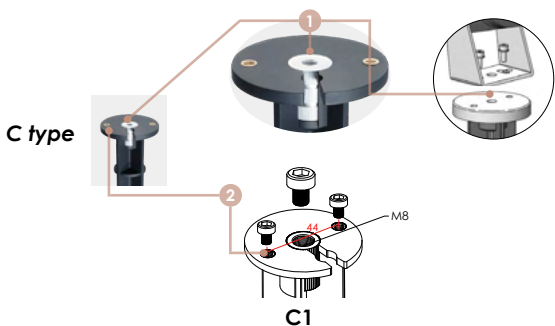
Spike assemble guide



- 1 A-type spikes for recessed light, in the middle is a screw hole for cables.
- 2 The diameters between two screw holes are 44 mm (18A1), and 61 mm(17A2).



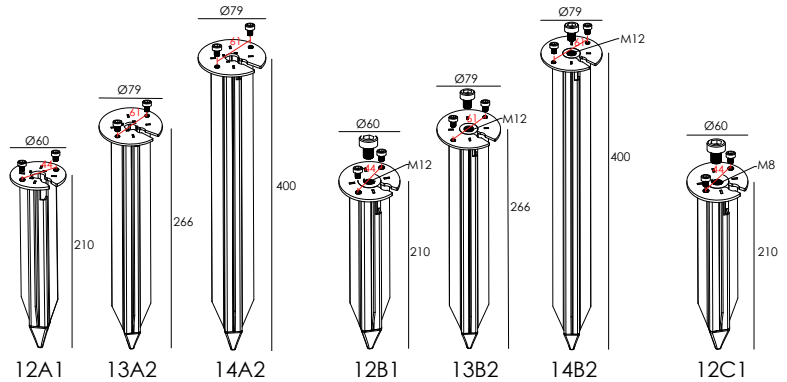
- 1 B-type spikes for light with housing and bracket, in the middle is a screw hole.
- 2 The matching screw type is M12, the diameters of the screw hole are 44mm(18B1), and 61 mm(18B2).



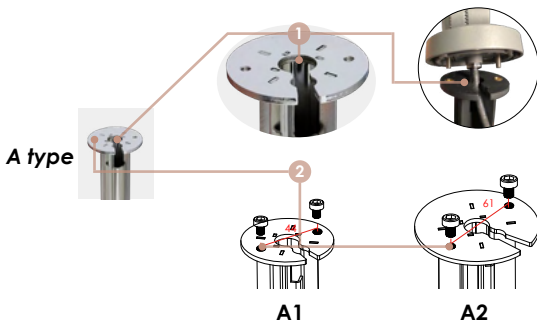
- 1 C-type spikes for light with housing and bracket, in the middle is a screw hole to support the light.
- 2 The matching screw type is M8, and the diameter of the screw hole is 44mm(18C).



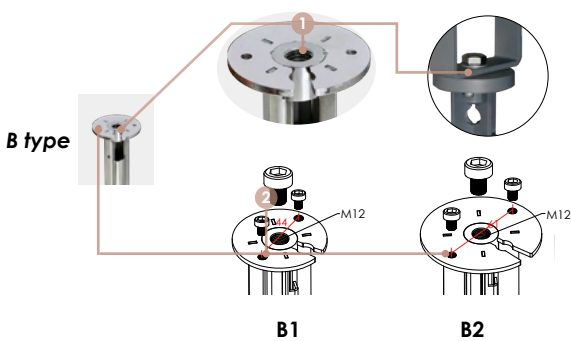
Stainless Steel Spike



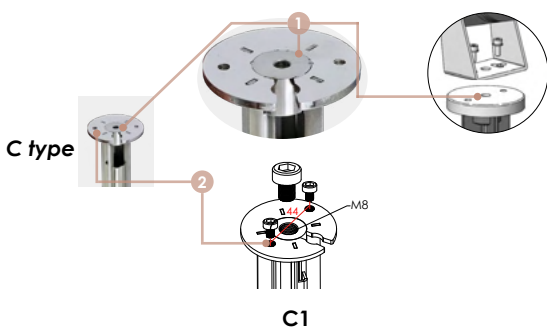
Spike assemble guide



- 1 A-type spikes for recessed light, in the middle is a screw hole for cables.
- 2 The diameters between two screw holes are 44 mm (12A1), and 61 mm (13A2, 14A2).



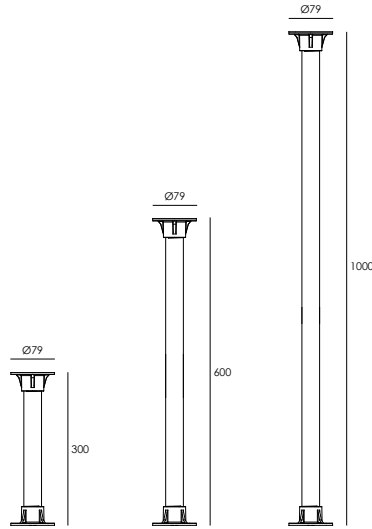
- 1 B-type spikes for light with housing and bracket, in the middle is a screw hole.
- 2 The matching screw type is M12, the diameters of the screw hole are 44 mm (12B1), and 61 mm (13B2, 14B2).



- 1 C-type spikes for light with housing and bracket, in the middle is a screw hole to support the light.
- 2 The matching screw type is M8, and the diameter of the screw hole is 44 mm (12C1).



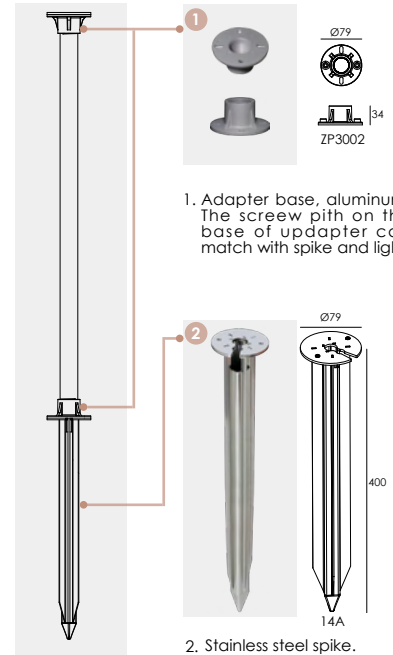
Extension Rod Aluminum



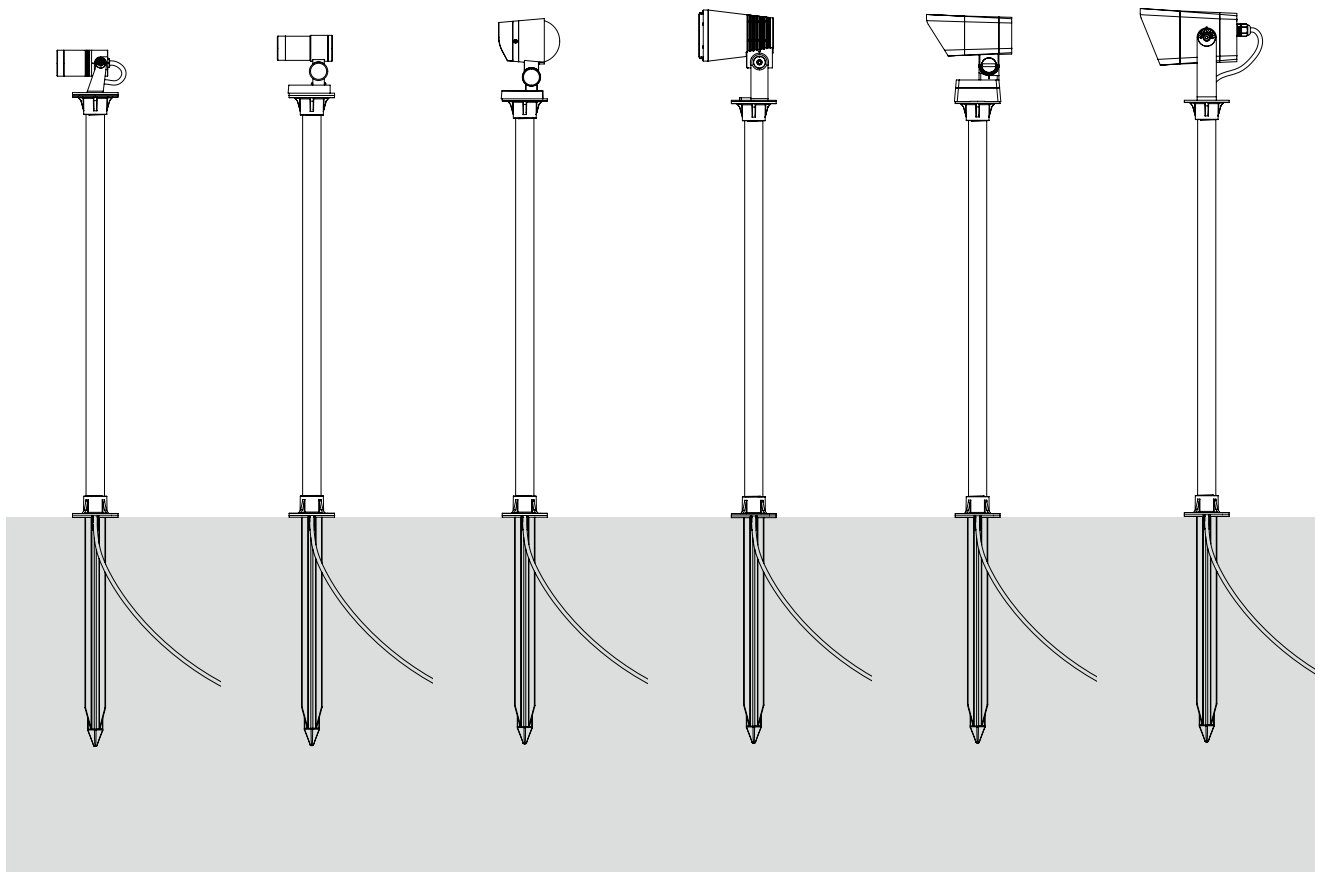
- Aluminum pole length option.

Assemble guide

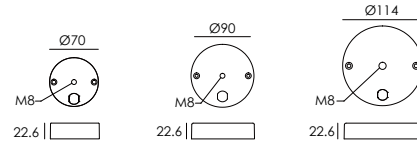
Ground-spike type



Application Example



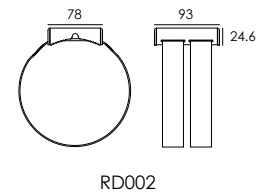
Aluminum Finishing or Powder Painting Round Surface Mounting Base



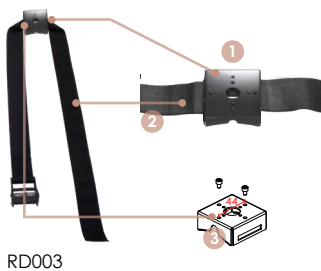
Assemble application



Stainless Steel & Polyester-Cotton Tree pole strap



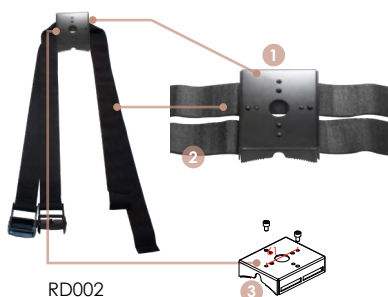
Assemble guide



- 1 The belt head was made by stainless steel.
- 2 The bandage is made of polyester-cotton. It is made of 65%-67% polyester and 33%-35% cotton blended yarn.
- 3 The diameter of the screw hole is 44mm(RD003).



B3ACZ0158
RD003



- 1 The belt head was made by stainless steel.
- 2 The bandage is made of polyester-cotton. It is made of 65%-67% polyester and 33%-35% cotton blended yarn.
- 3 The diameter of the screw hole is 61mm(RD002).



R3CJU0171
RD002

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