iinno lighting

Commercial lighting II

Designing your lighting solutions

UFO Highbay Light

Warranty
5
Years

UFO / Highbay Light

Product Profile

>UFO Highbay Series offers a wide range of functionality, new innovative features and a modern and uniform design across the whole range.

>The heatsink was designed for excellent heat dissipation as well as a modern appearance, while still being cost effective. All members of this series come with a competitive price and with 5 years warranty.

>This Highbay series is available with 140lm/w, 160lm/w and 180lm/w system efficiency, different drivers and different optical features as w ell as various accessories lik e motion and daylight se nsors and different mounting options.

MatePro
Honeycomb
Low Glare/UGR<22

Up to 160LM/W

IP65
IK10

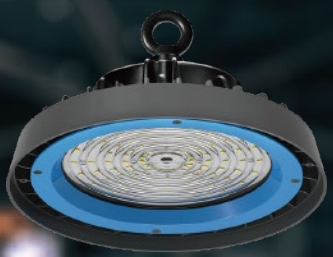
Product Style - MatePro Range

MatePro
Honeycomb
Low Glare

MatePro
Ripple Lens
60/90/120

MatePro
Glass cover

Product Style - Elite Range



Elite
Ripple Lens
60/90/120

Elite
Glass cover

Product Style - UP-Light(optional)

UP-Light(optional)

MatePro UFO Highbay

Honeycomb Low Glare , Up to 160LM/W

Optional

IP65
IK10

UGR
<22

160
LM/W

5 YR

Features

- > Highly energy efficient - up to 160 lm/w
- > Special heat sink design for excellent heating dissipation
- > IP65 / IK10 for all industrial applications
- > Driver and housing separated by spacers
- > Superior honeycomb-reflector-optic for low glare with 60° or 90°
- > Newest generation 1W SMD2835 as light source
- > D-Mark tested for the use in paper production, wood processing etc.
- > No UV or IR and completely mercury free
- > L80/B10 @ 50.000h
- > 5 years warranty

Options

- > Drivers: Meanwell, Philips,Sosen
- > Controls and Dimming
  - · 1-10V Dimming
  - · DALI control
  - · Motion sensor
  - · Daylight Harvest
  - · Emergency
- > Driver shape: round or rectangular
- > Reflector : See page of accessories
- > Installation: See page of accessories
- > Lumen efficacy: 140Lm/w or 160Lm/w
- > UP-Light 8W/1000LM

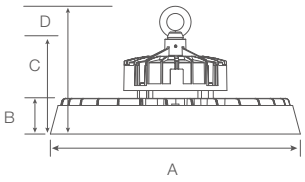
Advance:140LM/W

Order Code	Product Name	Diameter	Rated Power	Lumen Output	Lumen Efficiency	Ra	Beam Angle	AC Input	Power Factor	Flicker Free
HB30-1AAN1-MHN5M-001	Advance 100W MatePro Honeycomb UFO	D300	100W	14000LM	140LM/W	70/80	60°/90°	AC 100-277V	>0.95	Y
HB30-1BAN1-MHN5M-001	Advance 150W MatePro Honeycomb UFO	D300	150W	21000LM	140LM/W	70/80	60°/90°	AC 100-277V	>0.95	Y
HB35-2AAN1-MHN5M-001	Advance 200W MatePro Honeycomb UFO	D350	200W	28000LM	140LM/W	70/80	60°/90°	AC 100-277V	>0.95	Y
HB35-2BAN1-MHN5M-001	Advance 240W MatePro Honeycomb UFO	D350	240W	33600LM	140LM/W	70/80	60°/90°	AC 100-277V	>0.95	Y

Deluxe:160LM/W

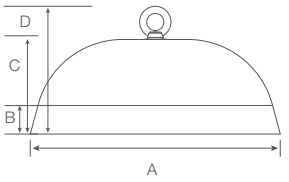
Order Code	Product Name	Diameter	Rated Power	Lumen Output	Lumen Efficiency	Ra	Beam Angle	AC Input	Power Factor	Flicker Free
HB30-1ADN1-MHN5M-001	Deluxe 100W MatePro Honeycomb UFO	D300	100W	16000LM	160LM/W	70/80	60°/90°	AC 100-277V	>0.95	Y
HB30-1BDN1-MHN5M-001	Deluxe 150W MatePro Honeycomb UFO	D300	150W	24000LM	160LM/W	70/80	60°/90°	AC 100-277V	>0.95	Y
HB35-2ADN1-MHN5M-001	Deluxe 200W MatePro Honeycomb UFO	D350	200W	32000LM	160LM/W	70/80	60°/90°	AC 100-277V	>0.95	Y
HB35-2BDN1-MHN5M-001	Deluxe 240W MatePro Honeycomb UFO	D350	240W	38400LM	160LM/W	70/80	60°/90°	AC 100-277V	>0.95	Y

Dimensions



Product Name	A	B	C	D
D300	Ø300	65	155	205
D350	Ø350	65	155	205

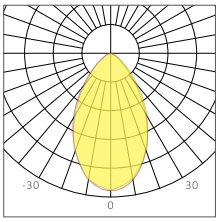
Unit:mm



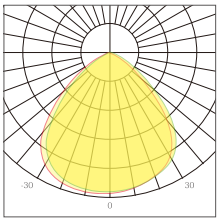
Product Name	A	B	C	D
D350	Ø350	65	155	205

Unit:mm

Beam Angle



60°



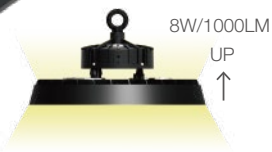
90°

Applications

> Factories / Warehouses /Workshops
> Exhibitions & showrooms
> Barns and riding halls
> High rooms and halls
> Traditional lamp replacement

MatePro UFO Highbay

Ripple Lens , Beamangle : 60°/90°/120°



Optional

IP65 | IK10 | 160 LM/W | 5 YR

Features

- > Highly energy efficient - up to 180 lm/w
- > Special heat sink design for excellent heating dissipation
- > IP65 / IK10 for all industrial applications
- > Driver and housing separated by spacers
- > Ripple-lens optic with 60°/90°/120° beam angle
- > Newest generation 1W SMD2835 as light source
- > D-Mark tested for the use in paper production, wood processing etc.
- > No UV or IR and completely mercury free
- > L80/B10 @ 50.000h
- > 5 years warranty

Options

- > Drivers: Meanwell, Philips,Sosen
- > Controls and Dimming
  - · 1-10V Dimming
  - · DALI control
  - · Motion sensor
  - · Daylight Harvest
  - · Emergency
- > Driver shape: round or rectangular
- > Reflector : See page of accessories
- > Installation: See page of accessories
- > Lumen efficacy:140Lm/w or 160Lm/w
- > UP-Light 8W/1000LM

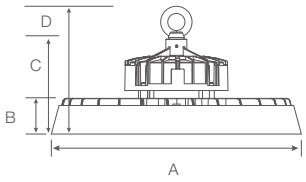
Advance:140LM/W

Order Code	Product Name	Diameter	Rated Power	Lumen Output	Lumen Efficiency	Ra	Beam Angle	AC Input	Power Factor	Flicker Free
HB30-1AAN1-MRN5M-001	Advance 100W MatePro Lens UFO	D300	100W	14000LM	140LM/W	70/80	60°/90°/120°	AC 100-277V	>0.95	Y
HB30-1BAN1-MRN5M-001	Advance 150W MatePro Lens UFO	D300	150W	21000LM	140LM/W	70/80	60°/90°/120°	AC 100-277V	>0.95	Y
HB35-2AAN1-MRN5M-001	Advance 200W MatePro Lens UFO	D350	200W	28000LM	140LM/W	70/80	60°/90°/120°	AC 100-277V	>0.95	Y
HB35-2BAN1-MRN5M-001	Advance 240W MatePro Lens UFO	D350	240W	33600LM	140LM/W	70/80	60°/90°/120°	AC 100-277V	>0.95	Y

Deluxe:160LM/W

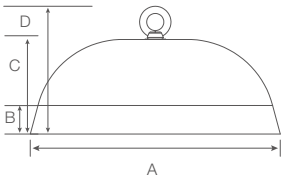
Order Code	Product Name	Diameter	Rated Power	Lumen Output	Lumen Efficiency	Ra	Beam Angle	AC Input	Power Factor	Flicker Free
HB30-1ADN1-MRN5M-001	Deluxe 100W MatePro Lens UFO	D300	100W	16000LM	160LM/W	70/80	60°/90°/120°	AC 100-277V	>0.95	Y
HB30-1BDN1-MRN5M-001	Deluxe 150W MatePro Lens UFO	D300	150W	24000LM	160LM/W	70/80	60°/90°/120°	AC 100-277V	>0.95	Y
HB35-2ADN1-MRN5M-001	Deluxe 200W MatePro Lens UFO	D350	200W	32000LM	160LM/W	70/80	60°/90°/120°	AC 100-277V	>0.95	Y
HB35-2BDN1-MRN5M-001	Deluxe 240W MatePro Lens UFO	D350	240W	38400LM	160LM/W	70/80	60°/90°/120°	AC 100-277V	>0.95	Y

Dimensions



Product Name	A	B	C	D
D300	Ø300	65	155	205
D350	Ø350	65	155	205

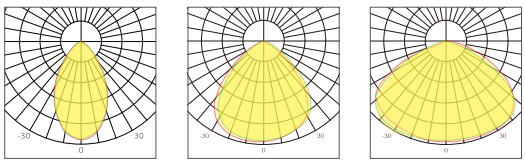
Unit:mm



Product Name	A	B	C	D
D350	ØØ350	65	155	205

Unit:mm

Beam Angle



60° 90° 120°

Applications

> Factories / Warehouses /Workshops
> Exhibitions & showrooms
> Barns and riding halls
> High rooms and halls
> Traditional lamp replacement
> Etc

MatePro UFO Highbay

Glass Cover

Optional

IP65 | IK10 | 180 LM/W | 5 YR

Features

- > Highly energy efficient - up to 180 lm/w
- > Special heat sink design for excellent heating dissipation
- > IP65 / IK10 for all industrial applications
- > Driver and housing separated by spacers
- > Tempered glass optic with 110° beam angle
- > Newest generation 1W SMD2835 as light source
- > D-Mark tested for the use in paper production, wood processing etc.
- > No UV or IR and completely mercury free
- > L80/B10 @ 50.000h
- > 5 years warranty

Options

- > Drivers: Meanwell, Philips,Sosen
- > Controls and Dimming
  - · 1-10V Dimming
  - · DALI control
  - · Motion sensor
  - · Daylight Harvest
  - · Emergency
- > Driver shape: round or rectangular
- > Reflector : See page of accessories
- > Installation: See page of accessories
- > Lumen efficacy:140Lm/w or 160Lm/w or 180Lm/w
- > UP-Light 8W/1000LM

Advance:140LM/W

Order Code	Product Name	Diameter	Rated Power	Lumen Output	Lumen Efficiency	Ra	Beam Angle	AC Input	Power Factor	Flicker Free
HB30-1AAN1-MGN5M-001	Advanced 100W MatePro Glass UFO	D300	100W	14000LM	140LM/W	70/80	120°	AC 100-277V	>0.95	Y
HB30-1BAN1-MGN5M-001	Advanced 150W MatePro Glass UFO	D300	150W	21000LM	140LM/W	70/80	120°	AC 100-277V	>0.95	Y
HB35-2AAN1-MGN5M-001	Advanced 200W MatePro Glass UFO	D350	200W	28000LM	140LM/W	70/80	120°	AC 100-277V	>0.95	Y
HB35-2BAN1-MGN5M-001	Advanced 240W MatePro Glass UFO	D350	240W	33600LM	140LM/W	70/80	120°	AC 100-277V	>0.95	Y

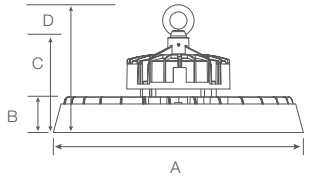
Deluxe:160LM/W

HB30-1ADN1-MGN5M-001	Deluxe 100W MatePro Glass UFO	D300	100W	16000LM	160LM/W	70/80	120°	AC 100-277V	>0.95	Y
HB30-1BDN1-MGN5M-001	Deluxe 150W MatePro Glass UFO	D300	150W	24000LM	160LM/W	70/80	120°	AC 100-277V	>0.95	Y
HB35-2ADN1-MGN5M-001	Deluxe 200W MatePro Glass UFO	D350	200W	32000LM	160LM/W	70/80	120°	AC 100-277V	>0.95	Y
HB35-2BDN1-MGN5M-001	Deluxe 240W MatePro Glass UFO	D350	240W	38400LM	160LM/W	70/80	120°	AC 100-277V	>0.95	Y

Top:180LM/W

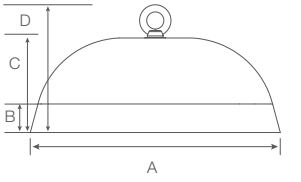
HB30-1ATN1-MGN5M-001	Top 100W MatePro Glass UFO	D300	100W	18000LM	180LM/W	70/80	120°	AC 100-277V	>0.95	Y
HB30-1BTN1-MGN5M-001	Top 150W MatePro Glass UFO	D300	150W	27000LM	180LM/W	70/80	120°	AC 100-277V	>0.95	Y
HB35-2ATN1-MGN5M-001	Top 200W MatePro GlassUFO	D350	200W	36000LM	180LM/W	70/80	120°	AC 100-277V	>0.95	Y
HB35-2BTN1-MGN5M-001	Tope 240W MatePro Glass UFO	D350	240W	43200LM	180LM/W	70/80	120°	AC 100-277V	>0.95	Y

Dimensions



Product Name	A	B	C	D
D300	Ø300	65	155	205
D350	Ø350	65	155	205

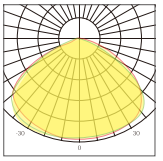
Unit:mm



Product Name	A	B	C	D
D350	Ø350	65	155	205

Unit:mm

Beam Angle



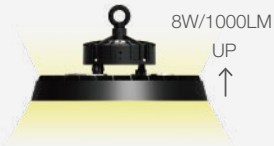
120°

Applications

> Factories / Warehouses /Workshops
> Exhibitions & showrooms
> Barns and riding halls
> High rooms and halls
> Traditional lamp replacement
> Etc

Elite UFO Highbay

Ripple Lens , Beamangle : 60°/90°/120°



Optional

IP65 | IK10 | 160 LM/W | 5 YR

Features

- > Highly energy efficient - up to 180 lm/w
- > Special heat sink design for excellent heating dissipation
- > IP65 / IK10 for all industrial applications
- > Driver and housing separated by spacers
- > Ripple-lens optic with 60°/90°/120° beam angle
- > Newest generation 1W SMD2835 as light source
- > D-Mark tested for the use in paper production, wood processing etc.
- > No UV or IR and completely mercury free
- > L80/B10 @ 50.000h
- > 5 years warranty

Options

- > Drivers: Philips, LFD
- > Controls and Dimming
  - · 1-10V Dimming
  - · DALI control
  - · Motion sensor
  - · Daylight Harvest
  - · Emergency
- > Driver shape: round or rectangular
- > Reflector : See page of accessories
- > Installation: See page of accessories
- > Lumen efficacy:140Lm/w or 160Lm/w
- > UP-Light 8W/1000LM

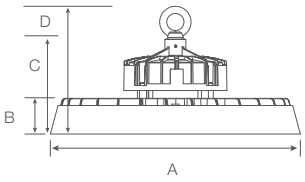
Advance:140LM/W

Order Code	Product Name	Diameter	Rated Power	Lumen Output	Lumen Efficiency	Ra	Beam Angle	AC Input	Power Factor	Flicker Free
HB30-1AAN1-ERN5M-001	Advance 100W Elite Lens UFO	D300	100W	14000LM	140LM/W	70/80	60°/90°/120°	AC 100-277V	>0.95	Y
HB30-1BAN1-ERN5M-001	Advance 150W Elite Lens UFO	D300	150W	21000LM	140LM/W	70/80	60°/90°/120°	AC 100-277V	>0.95	Y
HB35-2AAN1-ERN5M-001	Advance 200W Elite Lens UFO	D350	200W	28000LM	140LM/W	70/80	60°/90°/120°	AC 100-277V	>0.95	Y
HB35-2BAN1-ERN5M-001	Advance 240W Elite Lens UFO	D350	240W	33600LM	140LM/W	70/80	60°/90°/120°	AC 100-277V	>0.95	Y

Deluxe:160LM/W

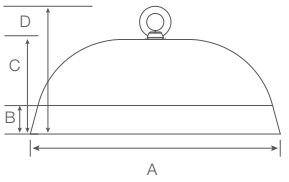
Order Code	Product Name	Diameter	Rated Power	Lumen Output	Lumen Efficiency	Ra	Beam Angle	AC Input	Power Factor	Flicker Free
HB30-1ADN1-ERN5M-001	Deluxe 100W Elite Lens UFO	D300	100W	16000LM	160LM/W	70/80	60°/90°/120°	AC 100-277V	>0.95	Y
HB30-1BDN1-ERN5M-001	Deluxe 150W Elite Lens UFO	D300	150W	24000LM	160LM/W	70/80	60°/90°/120°	AC 100-277V	>0.95	Y
HB35-2ADN1-ERN5M-001	Deluxe 200W Elite Lens UFO	D350	200W	32000LM	160LM/W	70/80	60°/90°/120°	AC 100-277V	>0.95	Y
HB35-2BDN1-ERN5M-001	Deluxe 240W Elite Lens UFO	D350	240W	38400LM	160LM/W	70/80	60°/90°/120°	AC 100-277V	>0.95	Y

Dimensions



Product Name	A	B	C	D
D300	Ø300	65	155	205
D350	Ø350	65	155	205

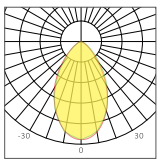
Unit:mm



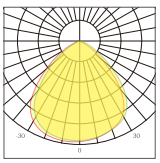
Product Name	A	B	C	D
D350	ØØ350	65	155	205

Unit:mm

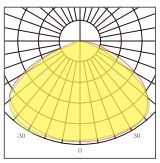
Beam Angle



60°



90°



120°

Applications

> Factories / Warehouses /Workshops
> Exhibitions & showrooms
> Barns and riding halls
> High rooms and halls
> Traditional lamp replacement
> Etc

Elite UFO Highbay

Glass Cover

Optional

IP65 | IK10 | 180 LM/W | 5 YR

Features

- > Highly energy efficient - up to 180 lm/w
- > Special heat sink design for excellent heating dissipation
- > IP65 / IK10 for all industrial applications
- > Driver and housing separated by spacers
- > Tempered glass optic with 110° beam angle
- > Newest generation 1W SMD2835 as light source
- > D-Mark tested for the use in paper production, wood processing etc.
- > No UV or IR and completely mercury free
- > L80/B10 @ 50.000h
- > 5 years warranty

Options

- > Drivers: Philips, LFD
- > Controls and Dimming
  - · 1-10V Dimming
  - · DALI control
  - · Motion sensor
  - · Daylight Harvest
  - · Emergency
- > Driver shape: round or rectangular
- > Reflector : See page of accessories
- > Installation: See page of accessories
- > Lumen efficacy:140Lm/w or 160Lm/w or 180Lm/w
- > UP-Light 8W/1000LM

Advance:140LM/W

Order Code	Product Name	Diameter	Rated Power	Lumen Output	Lumen Efficiency	Ra	Beam Angle	AC Input	Power Factor	Flicker Free
HB30-1AAN1-EGN5M-001	Advanced 100W Elite Glass UFO	D300	100W	14000LM	140LM/W	70/80	120°	AC 100-277V	>0.95	Y
HB30-1BAN1-EGN5M-001	Advanced 150W Elite Glass UFO	D300	150W	21000LM	140LM/W	70/80	120°	AC 100-277V	>0.95	Y
HB35-2AAN1-EGN5M-001	Advanced 200W Elite Glass UFO	D350	200W	28000LM	140LM/W	70/80	120°	AC 100-277V	>0.95	Y
HB35-2BAN1-EGN5M-001	Advanced 240W Elite Glass UFO	D350	240W	33600LM	140LM/W	70/80	120°	AC 100-277V	>0.95	Y

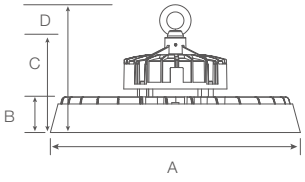
Deluxe:160LM/W

HB30-1ADN1-EGN5M-001	Deluxe 100W Elite Glass UFO	D300	100W	16000LM	160LM/W	70/80	120°	AC 100-277V	>0.95	Y
HB30-1BDN1-EGN5M-001	Deluxe 150W Elite Glass UFO	D300	150W	24000LM	160LM/W	70/80	120°	AC 100-277V	>0.95	Y
HB35-2ADN1-EGN5M-001	Deluxe 200W Elite Glass UFO	D350	200W	32000LM	160LM/W	70/80	120°	AC 100-277V	>0.95	Y
HB35-2BDN1-EGN5M-001	Deluxe 240W Elite Glass UFO	D350	240W	38400LM	160LM/W	70/80	120°	AC 100-277V	>0.95	Y

Top:180LM/W

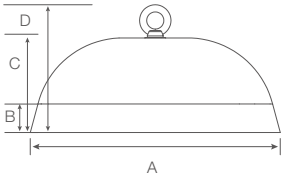
HB30-1ATN1-EGN5M-001	Top 100W Elite Glass UFO	D300	100W	18000LM	180LM/W	70/80	120°	AC 100-277V	>0.95	Y
HB30-1BTN1-EGN5M-001	Top 150W Elite Glass UFO	D300	150W	27000LM	180LM/W	70/80	120°	AC 100-277V	>0.95	Y
HB35-2ATN1-EGN5M-001	Top 200W Elite Glass UFO	D350	200W	36000LM	180LM/W	70/80	120°	AC 100-277V	>0.95	Y
HB35-2BTN1-EGN5M-001	Tope 240W Elite Glass UFO	D350	240W	43200LM	180LM/W	70/80	120°	AC 100-277V	>0.95	Y

Dimensions



Product Name	A	B	C	D
D300	Ø300	65	155	205
D350	Ø350	65	155	205

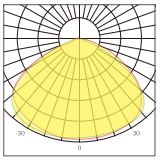
Unit:mm



Product Name	A	B	C	D
D350	Ø350	65	155	205

Unit:mm

Beam Angle



120°

Applications

> Factories / Warehouses /Workshops
> Exhibitions & showrooms
> Barns and riding halls
> High rooms and halls
> Traditional lamp replacement
> Etc

UFO Highbay

Dust-Free

IP65
IK10

Dust
Free

140
LM/W

5 YR

Features

- > Special designed dust-free cover
- > Special heat sink design for excellent heating dissipation
- > IP65 / IK10 for all industrial applications
- > Driver and housing separated by spacers
- > Newest generation 1W SMD2835 as light source
- > D-Mark tested for the use in paper production, wood processing etc.
- > No UV or IR and completely mercury free
- > L80/B10 @ 50.000h
- > 5 years warranty

Options

- > Drivers: Meanwell, Philips,Sosen,LFD
- > Controls and Dimming
  - · 1-10V Dimming
  - · DALI control
  - · Motion sensor
  - · Daylight Harvest
  - · Emergency
- > Reflector : See page of accessories
- > Installation: See page of accessories
- > Optics
  - · Tempered Glass optic, PC Cover, Prism Diffuser 110°
  - · Symmetric Honeycomb 60°/90°
  - · Asymmetric Honeycomb 60°x110° /90°x110°
  - · Ripple Lens 60°/ 90°/ 120°

Advance:140LM/W

Order Code	Product Name	Diameter	Rated Power	Lumen Output	Lumen Efficiency	Color Index	AC Input	Power Factor	Flicker Free
HB35-1AAN1-UDN5M-001	Advance 100W Dust-Free UFO	D350	100W	14000LM	140LM/W	Ra>70	AC 100-277V	>0.95	Y
HB35-1BAN1-UDN5M-001	Advance 150W Dust-Free UFO	D350	150W	21000LM	140LM/W	Ra>70	AC 100-277V	>0.95	Y

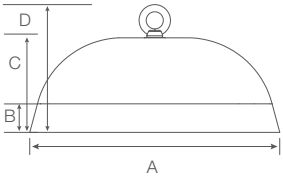
Dust free style options

Honeycomb | Ripple Lens | Glass version

Dust free product range options :

> MatePro Range
> Elite Range

Dimensions



Product Name	A	B	C	D
D350	Ø350	65	155	205

Unit:mm

Applications

> Factories / Warehouses /Workshops
> Exhibitions & showrooms
> Barns and riding halls
> High rooms and halls
> Traditional lamp replacement
> Etc

UFO Highbay

Accessories

Philips LED Driver

Key Data

Product name	Wattage	Input	Output	IP rating	Warranty
100W LED Driver	100W	AC 100-277V	DC 70-142VV	IP68	5 Years
150W LED Driver	150W	AC 100-277V	DC 70-142VV	IP68	5 Years
200W LED Driver	200W	AC 100-277V	DC 70-142VV	IP68	5 Years
240W LED Driver	240W	AC 100-277V	DC 70-142VV	IP68	5 Years

Meanwell LED Driver

Key Data

Product name	Wattage	Input	Output	IP rating	Warranty
100W LED Driver	100W	AC 100-277V	DC 36-60V	IP68	5 Years
150W LED Driver	150W	AC 100-277V	DC 36-60V	IP68	5 Years
200W LED Driver	200W	AC 100-277V	DC 36-60V	IP68	5 Years
240W LED Driver	240W	AC 100-277V	DC 36-60V	IP68	5 Years

Sosen LED Driver

Key Data

Product name	Wattage	Input	Output	IP rating	Warranty
100W LED Driver	100W	AC 100-277V	DC 36-54V	IP68	5 Years
150W LED Driver	150W	AC 100-277V	DC 36-54V	IP68	5 Years
200W LED Driver	200W	AC 100-277V	DC 36-54V	IP68	5 Years
240W LED Driver	240W	AC 100-277V	DC 36-54V	IP68	5 Years

Merrytek
Daylight Sensor

Key Data

Product name	Input	Standby Power	Dimming range	Daylight sensor	IP rating	Warranty
Daylight Sensor	AC100-277V 50/60Hz	≤1W	0-100%	0-10V	IP54	5 Years
Motion Sensor	AC100-277V 50/60Hz	≤1W	0-100%	0-10V	IP54	5 Years
Daylight & Motion Sensor	AC100-277V 50/60Hz	≤1W	0-100%	0-10V	IP54	5 Years

Accessories

Reflector

External Honeycomb

Installation Accessories

Loop Hanging

Hook Mounting

Ceiling Mounting

Bracket Mounting

Installation method

Loop Hanging

Hook Mounting

Ceiling Mounting

Bracket Mounting

LED Linear Light
LED Linear Highbay

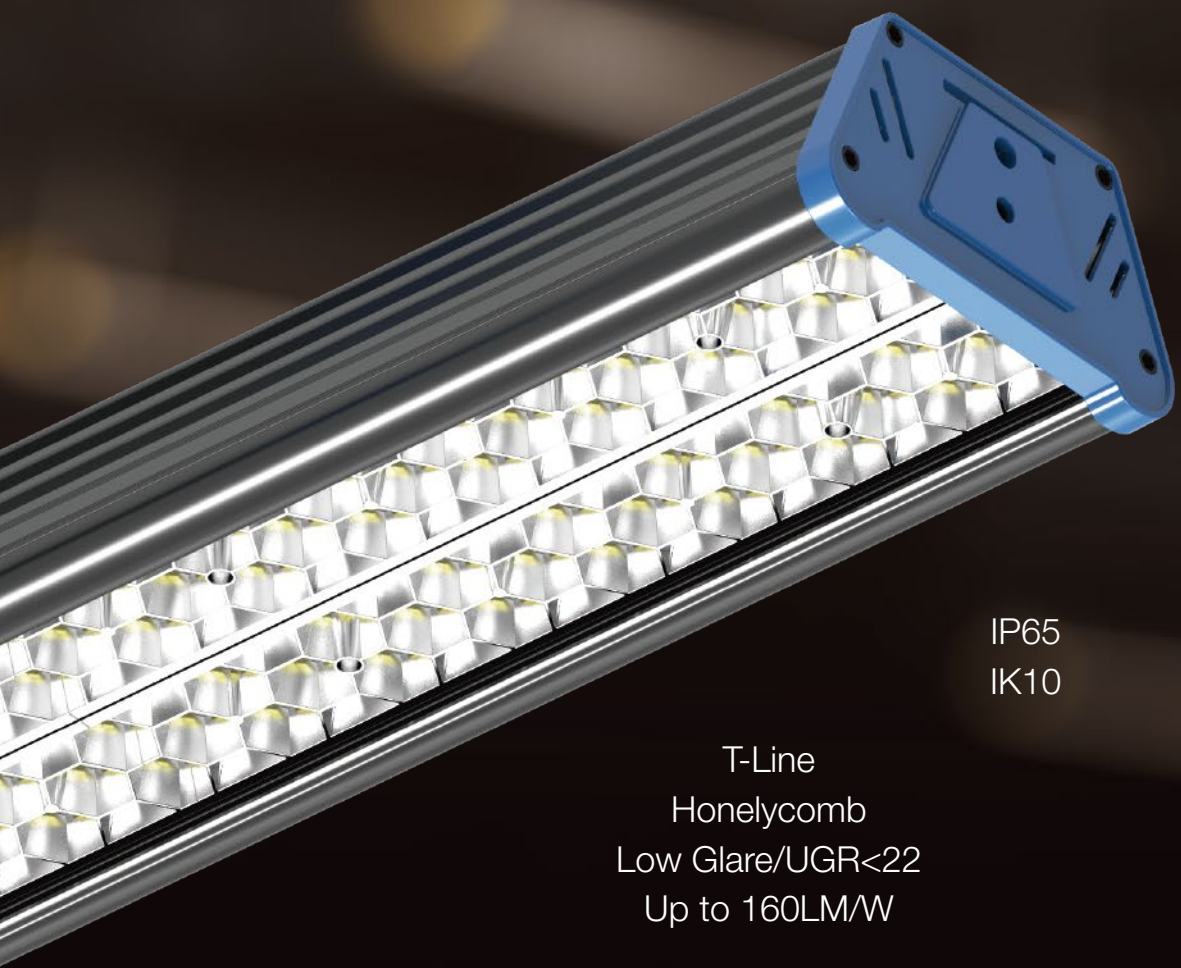
LED Linear Light

Product Profile

> The new T-Line Linear Highbay Series was designed to offer maximum efficiency, a long lifespan, glare protection, and a wide range of features.

> The unique and modern apperance heatsink design assures excellent heat dissipation for up to 200W and up to 180lm/w system efficiency. All of our Highbays are for a minimum of 5 years warranty.

> The special designed Honeycomb Reflectors reduces glaring and provides various symmetric and asymmetric beam angle choices for all possible areas of applications.

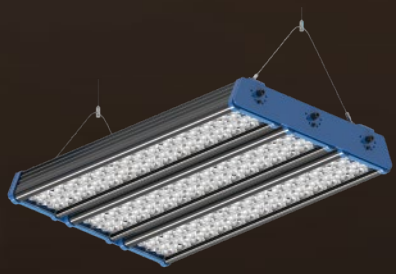


IP65
IK10

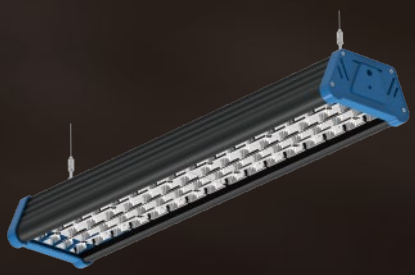
T-Line
Honelycomb
Low Glare/UGR<22
Up to 160LM/W

Product Style

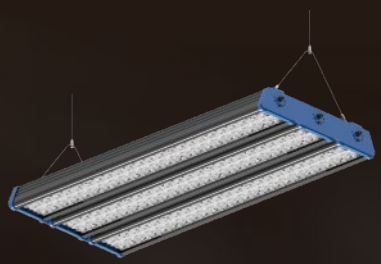
T-Line
Symmetric Honeycomb
Low Glare



Modular Linear Highbay
3X60CM



T-Line
Asymmetric Honeycomb
Low Glare

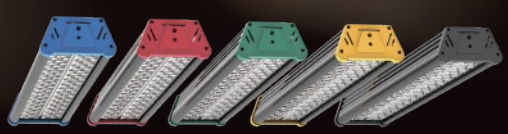


Modular Linear Highbay
3X90CM

T-Line
Frosted Cover

Modular Linear Highbay
3X120CM

T-Line
Glass Cover



Various end cap colors available

T-Line: Linear Highbay

Symmetric Honeycomb , Low Glare, UP to 160LM/W

IP65
IK10

UGR
<22

160
LM/W

5 YR

Features

> Highly energy efficient - up to 160 lm/w
> Advanced cooling-fin structure for excellent heat dissipation
> Superior honeycomb-reflector-optic for low glare applications
> IP65 and IK10 for all industrial areas of application
> Driver and housing separated by spacers
> Newest generation of SMD2835 1W LED chips
> Double-rail mounting solution for driver and other components
> D-Mark tested for the use in paper production, wood processing etc.
> No UV or IR and completely mercury free
> L80/B10 @ 50.000h
> 5 years warranty

Applications

> Manufacturing areas
> Factories /Warehouses
> Exhibitions & Showrooms
> High rooms and halls

Options

> Drivers: Meanwell, Sosen, Shanpin
> Beam angle: 60°/ 90°
> Controls and Dimming
  · Zigbee wireless control
  · 1-10V Dimming
  · Motion sensor
  · Emergency
  · DALI control
  · Daylight sensor
> Lumen efficiency:
  · 140Lm/w
  · 160Lm/w
> Installation:
  · Suspended
  · Surface mounted

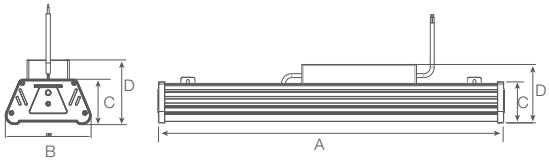
Advance:140LM/W

Order Code	Product Name	Lenght	Rated Power	Lumen Output	Lumen Efficiency	Color Index	Beam Angle	AC Input	Power Factor	Flicker Free
HB02-1AAN1-THN5M-001	Advance 60CM/100W Symmetric Honeycomb T-line	60CM	100W	14000LM	140LM/W	Ra>80	60°/90°	AC 100-277V	>0.95	Y
HB03-1CAN1-THN5M-001	Advance 90CM/120W Symmetric Honeycomb T-line	90CM	120W	16800LM	140LM/W	Ra>80	60°/90°	AC 100-277V	>0.95	Y
HB03-1BAN1-THN5M-001	Advance 90CM/150W Symmetric Honeycomb T-line	90CM	150W	21000LM	140LM/W	Ra>80	60°/90°	AC 100-277V	>0.95	Y
HB04-2AAN1-THN5M-001	Advance 120CM/200W Symmetric Honeycomb T-line	120CM	200W	28000LM	140LM/W	Ra>80	60°/90°	AC 100-277V	>0.95	Y

Deluxe:160LM/W

Order Code	Product Name	Lenght	Rated Power	Lumen Output	Lumen Efficiency	Color Index	Beam Angle	AC Input	Power Factor	Flicker Free
HB02-1ADN1-THN5M-001	Deluxe 60CM/100W Symmetric Honeycomb T-line	60CM	100W	16000LM	160LM/W	Ra>80	60°/90°	AC 100-277V	>0.95	Y
HB03-1CDN1-THN5M-001	Deluxe 90CM/120W Symmetric Honeycomb T-line	90CM	120W	19200LM	160LM/W	Ra>80	60°/90°	AC 100-277V	>0.95	Y
HB03-1BDN1-THN5M-001	Deluxe 90CM/150W Symmetric Honeycomb T-line	90CM	150W	24000LM	160LM/W	Ra>80	60°/90°	AC 100-277V	>0.95	Y
HB04-2ADN1-THN5M-001	Deluxe 120CM/200W Symmetric Honeycomb T-line	120CM	200W	32000LM	160LM/W	Ra>80	60°/90°	AC 100-277V	>0.95	Y

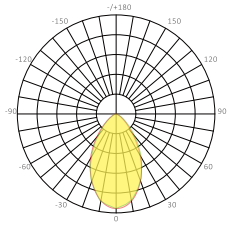
Dimensions



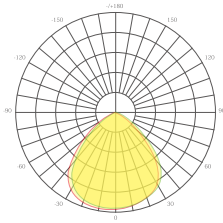
Product Name	A	B	C	D
60CM	623	138	73	104
90CM	923	138	73	104
120CM	1223	138	73	104

Unit:mm

Beam Angle



60°



90°

T-Line: Linear Highbay

Asymmetric Honeycomb, Low Glare, UP to 160LM/W

IP65
IK10

UGR
<22

160
LM/W

5 YR

Features

> Highly energy efficient - up to 160 lm/w
> Advanced cooling-fin structure for excellent heat dissipation
> Superior honeycomb-reflector-optic for low glare applications
> IP65 and IK10 for all industrial areas of application
> Driver and housing separated by spacers
> Newest generation of SMD2835 1W LED chips
> Double-rail mounting solution for driver and other components
> D-Mark tested for the use in paper production, wood processing etc.
> No UV or IR and completely mercury free
> L80/B10 @ 50.000h
> 5 years warranty

Applications

> Manufacturing areas
> Factories /Warehouses
> Exhibitions & Showrooms
> High rooms and halls

Options

> Drivers: Meanwell, Sosen, Shanpin
> Beam angle: 60°x110° or 90°x110°
> Controls and Dimming
  · Zigbee wireless control
  · 1-10V Dimming
  · Motion sensor
  · Emergency
  · DALI control
  · Daylight sensor
> Lumen efficiency:
  · 140Lm/w
  · 160Lm/w
> Installation:
  · Suspended
  · Surface mounted

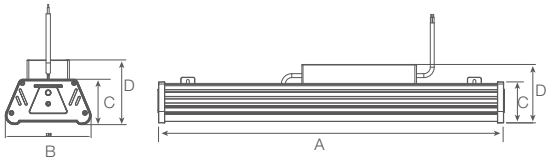
Advance:140LM/W

Order Code	Product Name	Lenght	Rated Power	Lumen Output	Lumen Efficiency	Color Index	Beam Angle	AC Input	Power Factor	Flicker Free
HB02-1AAN1-TSN5M-001	Advance 60CM/100W Asymmetric Honeycomb T-line	60CM	100W	14000LM	140LM/W	Ra>80	60°x110° 90°x110°	AC 100-277V	>0.95	Y
HB03-1CAN1-TSN5M-001	Advance 90CM/120W Asymmetric Honeycomb T-line	90CM	120W	16800LM	140LM/W	Ra>80	60°x110° 90°x110°	AC 100-277V	>0.95	Y
HB03-1BAN1-TSN5M-001	Advance 90CM/150W Asymmetric Honeycomb T-line	90CM	150W	21000LM	140LM/W	Ra>80	60°x110° 90°x110°	AC 100-277V	>0.95	Y
HB04-2AAN1-TSN5M-001	Advance 120CM/200W Asymmetric Honeycomb T-line	120CM	200W	28000LM	140LM/W	Ra>80	60°x110° 90°x110°	AC 100-277V	>0.95	Y

Deluxe:160LM/W

Order Code	Product Name	Lenght	Rated Power	Lumen Output	Lumen Efficiency	Color Index	Beam Angle	AC Input	Power Factor	Flicker Free
HB02-1ADN1-TSN5M-001	Deluxe 60CM/100W Asymmetric Honeycomb T-line	60CM	100W	16000LM	160LM/W	Ra>80	60°x110° 90°x110°	AC 100-277V	>0.95	Y
HB03-1CDN1-TSN5M-001	Deluxe 90CM/120W Asymmetric Honeycomb T-line	90CM	120W	19200LM	160LM/W	Ra>80	60°x110° 90°x110°	AC 100-277V	>0.95	Y
HB03-1BDN1-TSN5M-001	Deluxe 90CM/150W Asymmetric Honeycomb T-line	90CM	150W	24000LM	160LM/W	Ra>80	60°x110° 90°x110°	AC 100-277V	>0.95	Y
HB04-2ADN1-TSN5M-001	Deluxe 120CM/200W Asymmetric Honeycomb T-line	120CM	200W	32000LM	160LM/W	Ra>80	60°x110° 90°x110°	AC 100-277V	>0.95	Y

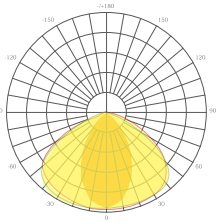
Dimensions



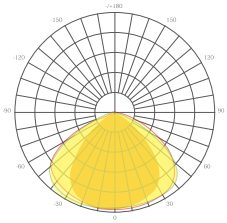
Product Name	A	B	C	D
60CM	623	138	73	104
90CM	923	138	73	104
120CM	1223	138	73	104

Unit:mm

Beam Angle



60°x110°



90°x110°

T-Line: Linear Highbay

Frosted Cover, UP to 160LM/W

IP65 | IK10 | 160 LM/W | 5 YR

Features

> Highly energy efficient - up to 160 lm/w
> Advanced cooling-fin structure for excellent heat dissipation
> IP65 and IK10 for all industrial areas of application
> Driver and housing separated by spacers
> Newest generation of SMD2835 1W LED chips
> Double-rail mounting solution for driver and other components
> D-Mark tested for the use in paper production, wood processing etc.
> No UV or IR and completely mercury free
> L80/B10 @ 50.000h
> 5 years warranty

Applications

> Manufacturing areas
> Factories /Warehouses
> Exhibitions & Showrooms
> High rooms and halls

Options

> Drivers: Meanwell, Sosen, Shanpin
> Beam angle: 120°
> Controls and Dimming
  · Zigbee wireless control
  · 1-10V Dimming
  · Motion sensor
  · Emergency
  · DALI control
  · Daylight sensor
> Lumen efficiency:
  · 160Lm/w
> Installation:
  · Suspended
  · Surface mounted

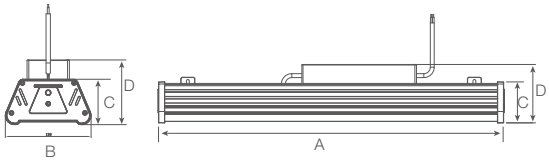
Advance:140LM/W

Order Code	Product Name	Diameter	Rated Power	Lumen Output	Lumen Efficiency	Color Index	Beam Angle	AC Input	Power Factor	Flicker Free
HB02-1AAN1-TFN5M-001	Advance 60CM/100W Frosted T-line	60CM	100W	14000LM	140LM/W	Ra>80	120°	AC 100-277V	>0.95	Y
HB03-1CAN1-TFN5M-001	Advance 90CM/120W Frosted T-line	90CM	120W	16800LM	140LM/W	Ra>80	120°	AC 100-277V	>0.95	Y
HB03-1BAN1-TFN5M-001	Advance 90CM/150W Frosted T-line	90CM	150W	21000LM	140LM/W	Ra>80	120°	AC 100-277V	>0.95	Y
HB04-2AAN1-TFN5M-001	Advance 120CM/200W Frosted T-line	120CM	200W	28000LM	140LM/W	Ra>80	120°	AC 100-277V	>0.95	Y

Deluxe:160LM/W

Order Code	Product Name	Diameter	Rated Power	Lumen Output	Lumen Efficiency	Color Index	Beam Angle	AC Input	Power Factor	Flicker Free
HB02-1ADN1-TFN5M-001	Deluxe 60CM/100W Frosted T-line	60CM	100W	16000LM	160LM/W	Ra>80	120°	AC 100-277V	>0.95	Y
HB03-1CDN1-TFN5M-001	Deluxe 90CM/120W Frosted T-line	90CM	120W	19200LM	160LM/W	Ra>80	120°	AC 100-277V	>0.95	Y
HB03-1BDN1-TFN5M-001	Deluxe 90CM/150W Frosted T-line	90CM	150W	24000LM	160LM/W	Ra>80	120°	AC 100-277V	>0.95	Y
HB04-2ADN1-TFN5M-001	Deluxe 120CM/200W Frosted T-line	120CM	200W	32000LM	160LM/W	Ra>80	120°	AC 100-277V	>0.95	Y

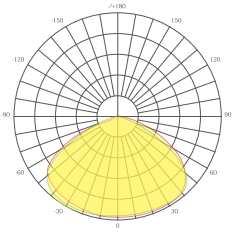
Dimensions



Product Name	A	B	C	D
60CM	623	138	73	104
90CM	923	138	73	104
120CM	1223	138	73	104

Unit:mm

Beam Angle



120°

T-Line: Linear Highbay

Glass Cover, UP to 160LM/W

IP65 | IK10 | 180 LM/W | 5 YR

Features

> Highly energy efficient - up to 180 lm/w
> Advanced cooling-fin structure for excellent heat dissipation
> IP65 and IK10 for all industrial areas of application
> Driver and housing separated by spacers
> Newest generation of SMD2835 1W LED chips
> Double-rail mounting solution for driver and other components
> D-Mark tested for the use in paper production, wood processing etc.
> No UV or IR and completely mercury free
> L80/B10 @ 50.000h
> 5 years warranty

Applications

> Manufacturing areas
> Factories /Warehouses
> Exhibitions & Showrooms
> High rooms and halls

Options

> Drivers: Meanwell, Sosen, Shanpin
> Beam angle: 120°
> Controls and Dimming
  · Zigbee wireless control
  · 1-10V Dimming
  · Motion sensor
  · Emergency
  · DALI control
  · Daylight sensor
> Lumen efficiency:
  · 160Lm/w or 180Lm/w
> Installation:
  · Suspended
  · Surface mounted

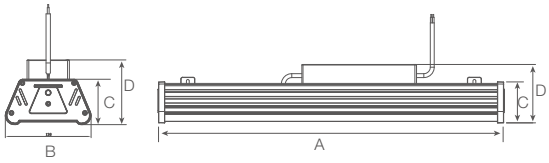
Deluxe:160LM/W

Order Code	Product Name	Diameter	Rated Power	Lumen Output	Lumen Efficiency	Color Index	Beam Angle	AC Input	Power Factor	Flicker Free
HB02-1ADN1-TGN5M-001	Deluxe 60CM/100W Glass T-line	60CM	100W	16000LM	160LM/W	Ra>80	120°	AC 100-277V	>0.95	Y
HB03-1CDN1-TGN5M-001	Deluxe 90CM/120W Glass T-line	90CM	120W	19200LM	160LM/W	Ra>80	120°	AC 100-277V	>0.95	Y
HB03-1BDN1-TGN5M-001	Deluxe 90CM/150W Glass T-line	90CM	150W	24000LM	160LM/W	Ra>80	120°	AC 100-277V	>0.95	Y
HB04-2ADN1-TGN5M-001	Deluxe 120CM/200W Glass T-line	120CM	200W	32000LM	160LM/W	Ra>80	120°	AC 100-277V	>0.95	Y

Top:180LM/W

Order Code	Product Name	Diameter	Rated Power	Lumen Output	Lumen Efficiency	Color Index	Beam Angle	AC Input	Power Factor	Flicker Free
HB02-1ATN1-TGN5M-001	Top 60CM/100W Glass T-line	60CM	100W	18000LM	180LM/W	Ra>70	120°	AC 100-277V	>0.95	Y
HB03-1CTN1-TGN5M-001	Top 90CM/120W Glass T-line	90CM	120W	21600LM	180LM/W	Ra>70	120°	AC 100-277V	>0.95	Y
HB03-1BTN1-TGN5M-001	Top 90CM/150W Glass T-line	90CM	150W	27000LM	180LM/W	Ra>70	120°	AC 100-277V	>0.95	Y
HB04-2ATN1-TGN5M-001	Top 120CM/200W Glass T-line	120CM	200W	36000LM	180LM/W	Ra>70	120°	AC 100-277V	>0.95	Y

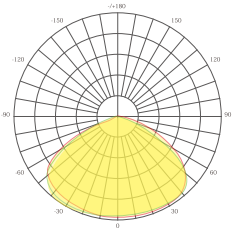
Dimensions



Product Name	A	B	C	D
60CM	623	138	73	104
90CM	923	138	73	104
120CM	1223	138	73	104

Unit:mm

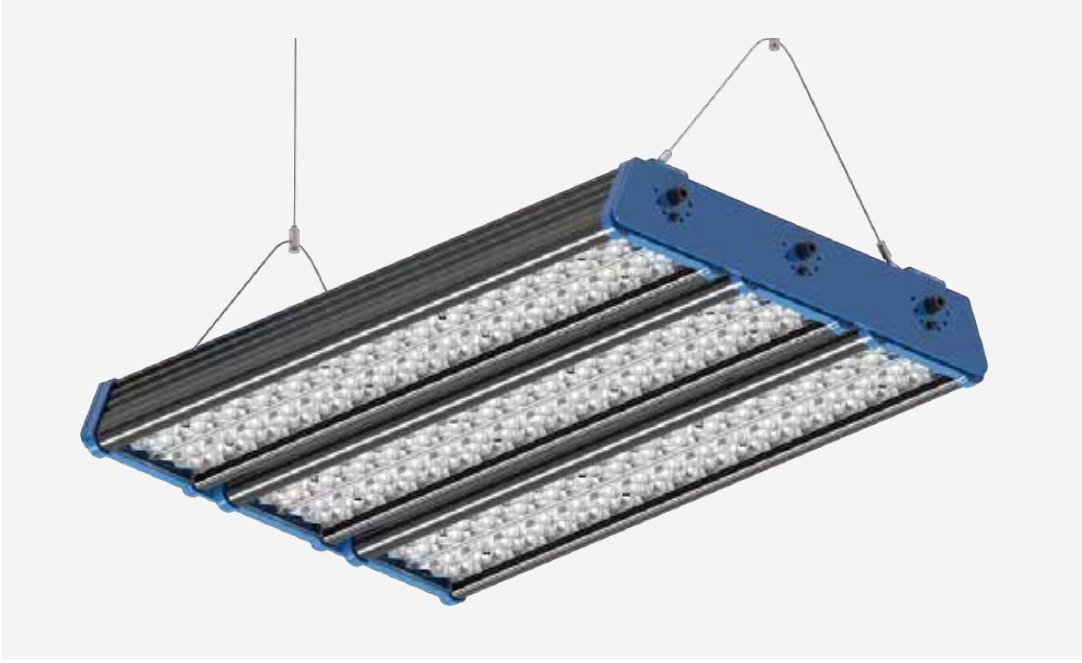
Beam Angle



120°

T-Line: Modular Linear Highbay

Symmetric Honeycomb : 3x100W-60CM ,UP to 160LM/W



IP65 | IK10 | 160 LM/W | 5 YR

Features

> Highly energy efficient - up to 160 lm/w
> Advanced cooling-fin structure for excellent heat dissipation
> Superior honeycomb-reflector-optic for low glare applications
> IP65 and IK10 for all industrial areas of application
> Driver and housing separated by spacers
> Newest generation of SMD2835 1W LED chips
> Double-rail mounting solution for driver and other components
> D-Mark tested for the use in paper production, wood processing etc.
> No UV or IR and completely mercury free
> L80/B10 @ 50.000h
> 5 years warranty

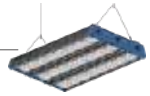
Applications

> Factories and warehouses
> High rooms and halls
> Exhibition- & showrooms

Options

> Drivers: Meanwell, Sosen, Shanpin
> Controls and Dimming
  · Zigbee wireless control
  · 1-10V Dimming
  · Motion sensor
  · Emergency
  · DALI control
  · Daylight sensor
> Lumen efficiency:
  · 140Lm/w
  · 160Lm/w
  · 180Lm/w
> Installation:
  · Suspended
  · Surface mounted

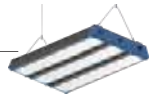
Symmetric Honeycomb :3 X100W-60CM

Order Code	Product Name	Rated Power	Lumen Output	Lumen Efficiency	Color Index	Beam Angle	AC Input	Power Factor	Flicker Free	Product Picture
MH02-3AAN1-MHN5M-001	Advanced 3X100W Symmetric Honeycomb Modular T-line	3X100W	42000LM	140LM/W	Ra>80	60°/90°	AC 100-277V	>0.95	Y	
MH02-3ADN1-MHN5M-001	Deluxe 3X100W Symmetric Honeycomb Modular T-line	3X100W	48000LM	160LM/W	Ra>80	60°/90°	AC 100-277V	>0.95	Y	

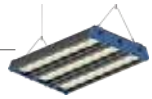
Asymmetric Honeycomb :3 X100W-60CM

Order Code	Product Name	Rated Power	Lumen Output	Lumen Efficiency	Color Index	Beam Angle	AC Input	Power Factor	Flicker Free	Product Picture
MH02-3AAN1-MSN5M-001	Advanced 3X100W Asymmetric Honeycomb Modular T-line	3X100W	42000LM	140LM/W	Ra>80	60°x110° 90°X110°	AC 100-277V	>0.95	Y	
MH02-3ADN1-MSN5M-001	Deluxe 3X100W Asymmetric Honeycomb Modular T-line	3X100W	48000LM	160LM/W	Ra>80	60°x110° 90°X110°	AC 100-277V	>0.95	Y	

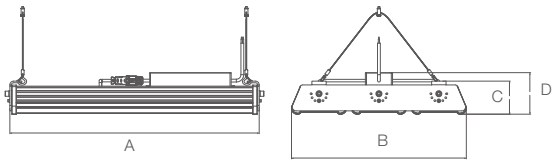
Frosted :3 X100W-60CM

Order Code	Product Name	Rated Power	Lumen Output	Lumen Efficiency	Color Index	Beam Angle	AC Input	Power Factor	Flicker Free	Product Picture
MH02-3AAN1-MFN5M-001	Advanced 3X100W Frosted Cover Modular T-line	3X100W	42000LM	140LM/W	Ra>80	120°	AC 100-277V	>0.95	Y	
MH02-3ADN1-MFN5M-001	Deluxe 3X100W Frosted Cover Modular T-line	3X100W	48000LM	160LM/W	Ra>80	120°	AC 100-277V	>0.95	Y	

Glass :3 X100W-60CM

Order Code	Product Name	Rated Power	Lumen Output	Lumen Efficiency	Color Index	Beam Angle	AC Input	Power Factor	Flicker Free	Product Picture
MH02-3ADN1-MGN5M-001	Deluxe 3X100W Glass Cover Modular T-line	3X100W	48000LM	160LM/W	Ra>80	120°	AC 100-277V	>0.95	Y	
MH02-3ATN1-MGN5M-001	TOP 3X100W Glass Cover Modular T-line	3X100W	54000LM	180LM/W	Ra>70	120°	AC 100-277V	>0.95	Y	

Dimensions

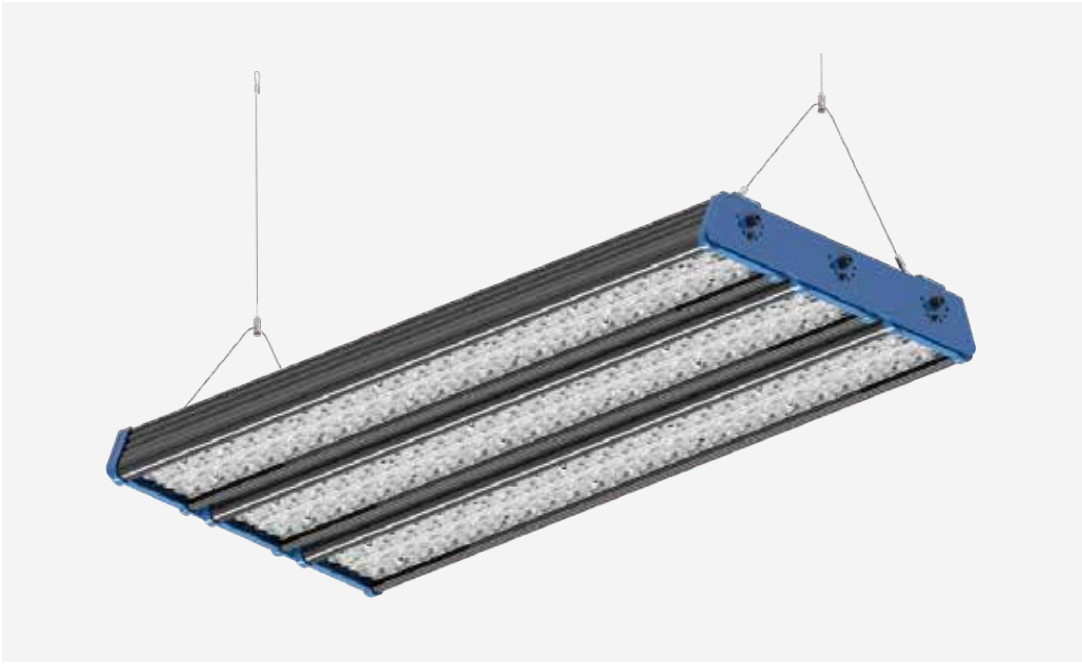


Product Name	A	B	C	D
60CM	623	138	73	104

Unit:mm

T-Line: Modular Linear Highbay

Symmetric Honeycomb : 3x150W-90CM ,UP to 160LM/W



IP65 | IK10 | 160 LM/W | 5 YR

Features

> Highly energy efficient - up to 160 lm/w
> Advanced cooling-fin structure for excellent heat dissipation
> Superior honeycomb-reflector-optic for low glare applications
> IP65 and IK10 for all industrial areas of application
> Driver and housing separated by spacers
> Newest generation of SMD2835 1W LED chips
> Double-rail mounting solution for driver and other components
> D-Mark tested for the use in paper production, wood processing etc.
> No UV or IR and completely mercury free
> L80/B10 @ 50.000h
> 5 years warranty

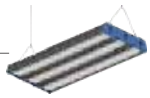
Applications

> Factories and warehouses
> High rooms and halls
> Exhibition- & showrooms

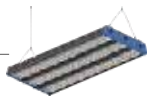
Options

> Drivers: Meanwell, Sosen, Shanpin
> Controls and Dimming
  · Zigbee wireless control
  · 1-10V Dimming
  · Motion sensor
  · Emergency
  · DALI control
  · Daylight sensor
> Lumen efficiency:
  · 140Lm/w
  · 160Lm/w
  · 180Lm/w
> Installation:
  · Suspended
  · Surface mounted

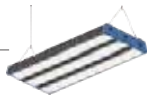
Symmetric Honeycomb :3 X150W-90CM

Order Code	Product Name	Rated Power	Lumen Output	Lumen Efficiency	Color Index	Beam Angle	AC Input	Power Factor	Flicker Free	Product Picture
MH03-4BAN1-MHN5M-001	Advanced 3X150W Symmetric Honeycomb Modular T-line	3X150W	63000LM	140LM/W	Ra>80	60°/90°	AC 100-277V	>0.95	Y	
MH03-4BDN1-MHN5M-001	Deluxe 3X150W Symmetric Honeycomb Modular T-line	3X150W	72000LM	160LM/W	Ra>80	60°/90°	AC 100-277V	>0.95	Y	

Asymmetric Honeycomb :3 X150W-90CM

Order Code	Product Name	Rated Power	Lumen Output	Lumen Efficiency	Color Index	Beam Angle	AC Input	Power Factor	Flicker Free	Product Picture
MH03-4BAN1-MSN5M-001	Advanced 3X150W Asymmetric Honeycomb Modular T-line	3X150W	63000LM	140LM/W	Ra>80	60°x110° 90°X110°	AC 100-277V	>0.95	Y	
MH03-4BDN1-MSN5M-001	Deluxe 3X150W Asymmetric Honeycomb Modular T-line	3X150W	72000LM	160LM/W	Ra>80	60°x110° 90°X110°	AC 100-277V	>0.95	Y	

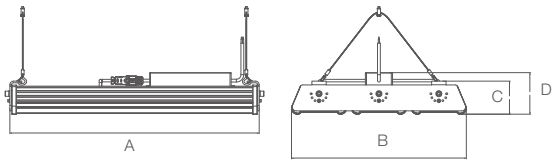
Frosted :3 X150W-90CM

Order Code	Product Name	Rated Power	Lumen Output	Lumen Efficiency	Color Index	Beam Angle	AC Input	Power Factor	Flicker Free	Product Picture
MH03-4BAN1-MFN5M-001	Advanced 3X150W Frosted Cover Modular T-line	3X150W	63000LM	140LM/W	Ra>80	120°	AC 100-277V	>0.95	Y	
MH03-4BDN1-MFN5M-001	Deluxe 3X150W Frosted Cover Modular T-line	3X150W	72000LM	160LM/W	Ra>80	120°	AC 100-277V	>0.95	Y	

Glass :3 X150W-90CM

Order Code	Product Name	Rated Power	Lumen Output	Lumen Efficiency	Color Index	Beam Angle	AC Input	Power Factor	Flicker Free	Product Picture
MH03-4BDN1-MGN5M-001	Deluxe 3X150W Glass Cover Modular T-line	3X150W	72000LM	160LM/W	Ra>80	120°	AC 100-277V	>0.95	Y	
MH03-4BTN1-MGN5M-001	TOP 3X150W Glass Cover Modular T-line	3X150W	81000LM	180LM/W	Ra>70	120°	AC 100-277V	>0.95	Y	

Dimensions



Product Name	A	B	C	D
90CM	924	438	83	104

Unit:mm

T-Line: Modular Linear Highbay

Symmetric Honeycomb : 3x200W-120CM ,UP to 160LM/W

IP65 | IK10 | 160 LM/W | 5 YR

Features

> Highly energy efficient - up to 160 lm/w
> Advanced cooling-fin structure for excellent heat dissipation
> Superior honeycomb-reflector-optic for low glare applications
> IP65 and IK10 for all industrial areas of application
> Driver and housing separated by spacers
> Newest generation of SMD2835 1W LED chips
> Double-rail mounting solution for driver and other components
> D-Mark tested for the use in paper production, wood processing etc.
> No UV or IR and completely mercury free
> L80/B10 @ 50.000h
> 5 years warranty

Applications

> Factories and warehouses
> High rooms and halls
> Exhibition- & showrooms

Options

> Drivers: Meanwell, Sosen, Shanpin
> Controls and Dimming
  · Zigbee wireless control
  · 1-10V Dimming
  · Motion sensor
  · Emergency
  · DALI control
  · Daylight sensor
> Lumen efficiency:
  · 140Lm/w
  · 160Lm/w
  · 180Lm/w
> Installation:
  · Suspended
  · Surface mounted

Symmetric Honeycomb :3 X200W-120CM

Order Code	Product Name	Rated Power	Lumen Output	Lumen Efficiency	Color Index	Beam Angle	AC Input	Power Factor	Flicker Free	Product Picture
MH04-6AAN1-MHN5M-001	Advanced 3X200W Symmetric Honeycomb Modular T-line	3X200W	840000LM	140LM/W	Ra>80	60°/90°	AC 100-277V	>0.95	Y	
MH04-6ADN1-MHN5M-001	Deluxe 3X200W Symmetric Honeycomb Modular T-line	3X200W	96000LM	160LM/W	Ra>80	60°/90°	AC 100-277V	>0.95	Y	

Asymmetric Honeycomb :3 X200W-120CM

Order Code	Product Name	Rated Power	Lumen Output	Lumen Efficiency	Color Index	Beam Angle	AC Input	Power Factor	Flicker Free	Product Picture
MH04-6AAN1-MSN5M-001	Advanced 3X200W Asymmetric Honeycomb Modular T-line	3X200W	84000LM	140LM/W	Ra>80	60°x110° 90°X110°	AC 100-277V	>0.95	Y	
MH04-6ADN1-MSN5M-001	Deluxe 3X200W Asymmetric Honeycomb Modular T-line	3X200W	96000LM	160LM/W	Ra>80	60°x110° 90°X110°	AC 100-277V	>0.95	Y	

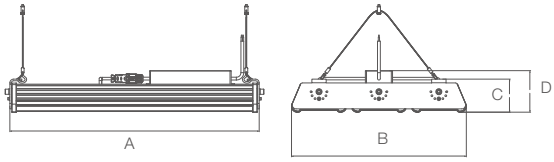
Frosted :3 X200W-120CM

Order Code	Product Name	Rated Power	Lumen Output	Lumen Efficiency	Color Index	Beam Angle	AC Input	Power Factor	Flicker Free	Product Picture
MH04-6AAN1-MFN5M-001	Advanced 3X200W Frosted Cover Modular T-line	3X200W	84000LM	140LM/W	Ra>80	120°	AC 100-277V	>0.95	Y	
MH04-6ADN1-MFN5M-001	Deluxe 3X200W Frosted Cover Modular T-line	3X200W	96000LM	160LM/W	Ra>80	120°	AC 100-277V	>0.95	Y	

Glass :3 X200W-120CM

Order Code	Product Name	Rated Power	Lumen Output	Lumen Efficiency	Color Index	Beam Angle	AC Input	Power Factor	Flicker Free	Product Picture
MH04-6ADN1-MGN5M-001	Deluxe 3X200W Glass Cover Modular T-line	3X200W	96000LM	160LM/W	Ra>80	120°	AC 100-277V	>0.95	Y	
MH04-6ATN1-MGN5M-001	TOP 3X200W Glass Cover Modular T-line	3X200W	108000LM	180LM/W	Ra>70	120°	AC 100-277V	>0.95	Y	

Dimensions



Product Name	A	B	C	D
120CM	1224	438	83	104

Unit:mm

T-Floodlight
Modular Flood Light

Warranty
5
Years

T-Flood Modular Flood Light

Product Style

T Modular Flood Light
Symmetric Honeycomb
Low Glare 4x50W-30CM

T Modular Flood Light
Symmetric Honeycomb
Low Glare 4x100W-60CM

T Modular Flood Light
Asymmetric Honeycomb
Low Glare 4x50W-30CM

T Modular Flood Light
Asymmetric Honeycomb
Low Glare 4x100W-60CM

T Modular Flood Light
Frosted Cover
4x50W-30CM

T Modular Flood Light
Frosted Cover
4x100W-60CM

T Modular Flood Light
Glass Cover
4X50W-30CM

T Modular Flood Light
Glass Cover
4X100W-60CM

T-Flood: Modular Flood Light

4x50W-30CM Modular T-Flood

IP65
IK10

UGR
<22

160
LM/W

5 YR

Features

> Highly energy efficient - up to 160 lm/w
> Advanced cooling-fin structure for excellent heat dissipation
> Superior honeycomb-reflector-optic for low glare applications
> IP65 and IK10 for all industrial areas of application
> Driver and housing separated by spacers
> Newest generation of SMD2835 1W LED chips
> D-Mark tested for the use in paper production, wood processing etc.
> No UV or IR and completely mercury free
> L80/B10 @ 50.000h
> 5 years warranty

Applications

> Tunnels and Sport Buildings
> Factories and warehouses
> High rooms and halls
> Exhibitions and showrooms
> Loading area and freight yards

Options

> Drivers: Meanwell, Sosen, Shanpin
> Beam angle: 60°/ 90°
> Controls and Dimming
  · Zigbee wireless control
  · 1-10V Dimming
  · Motion sensor
  · Emergency
  · DALI control
  · Daylight sensor
> Lumen efficiency:
  · 140Lm/w
  · 160Lm/w
  · 180Lm/w
> Installation:
  · Suspended
  · Surface mounted

Symmetric Honeycomb: 4 X50W-30CM

Order Code	Product Name	Rated Power	Lumen Output	Lumen Efficiency	Color Index	Beam Angle	AC Input	Power Factor	Flicker Free	Product Picture
FL01-2AAN1-MHN5M-001	Advanced 4X50W Symmetric_Honeycomb Modular T-Flood	4X50W	28000LM	140LM/W	Ra>80	60°/90°	AC 100-277V	>0.95	Y	
FL01-2ADN1-MHN5M-001	Deluxe 4X50W Symmetric_Honeycomb Modular T-Flood	4X50W	32000LM	160LM/W	Ra>80	60°/90°	AC 100-277V	>0.95	Y	

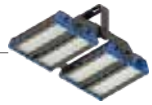
Asymmetric Honeycomb: 4 X50W-30CM

Order Code	Product Name	Rated Power	Lumen Output	Lumen Efficiency	Color Index	Beam Angle	AC Input	Power Factor	Flicker Free	Product Picture
FL01-2AAN1-MSN5M-001	Advanced 4X50W Asymmetric_Honeycomb Modular T-Flood	4X50W	28000LM	140LM/W	Ra>80	60°x110° 90°X110°	AC 100-277V	>0.95	Y	
FL01-2ADN1-MSN5M-001	Deluxe 4X50W Asymmetric_Honeycomb Modular T-Flood	4X50W	32000LM	160LM/W	Ra>80	60°x110° 90°X110°	AC 100-277V	>0.95	Y	

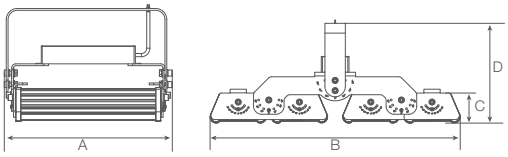
Frosted : 4X50W-30CM

Order Code	Product Name	Rated Power	Lumen Output	Lumen Efficiency	Color Index	Beam Angle	AC Input	Power Factor	Flicker Free	Product Picture
FL01-2AAN1-MFN5M-001	Advanced 4X50W Frosted Cover Modular T-Flood	4X50W	28000LM	140LM/W	Ra>80	120°	AC 100-277V	>0.95	Y	
FL01-2ADN1-MFN5M-001	Deluxe 4X50W Frosted Cover Modular T-Flood	4X50W	32000LM	160LM/W	Ra>80	120°	AC 100-277V	>0.95	Y	

Glass : 4 X50W-30CM

Order Code	Product Name	Rated Power	Lumen Output	Lumen Efficiency	Color Index	Beam Angle	AC Input	Power Factor	Flicker Free	Product Picture
FL01-2ADN1-MGN5M-001	Deluxe 4X50W Glass Cover Modular T-Flood	4X50W	32000LM	160LM/W	Ra>80	120°	AC 100-277V	>0.95	Y	
FL01-2ATN1-MGN5M-001	TOP 4X50W Glass Cover Modular T-Flood	4X50W	36000LM	180LM/W	Ra>70	120°	AC 100-277V	>0.95	Y	

Dimensions



Product Name	A	B	C	D
30CM	364	613	73	244

Unit:mm

T-Flood: Modular Flood Light

4x100W-60CM Modular T-Flood

IP65
IK10

UGR
<22

160
LM/W

5 YR

Features

> Highly energy efficient - up to 160 lm/w
> Advanced cooling-fin structure for excellent heat dissipation
> Superior honeycomb-reflector-optic for low glare applications
> IP65 and IK10 for all industrial areas of application
> Driver and housing separated by spacers
> Newest generation of SMD2835 1W LED chips
> D-Mark tested for the use in paper production, wood processing etc.
> No UV or IR and completely mercury free
> L80/B10 @ 50.000h
> 5 years warranty

Applications

> Tunnels and Sport Buildings
> Factories and warehouses
> High rooms and halls
> Exhibitions and showrooms
> Loading area and freight yards

Options

> Drivers: Meanwell, Sosen, Shanpin
> Beam angle: 60°/ 90°
> Controls and Dimming
  · Zigbee wireless control
  · 1-10V Dimming
  · Motion sensor
  · Emergency
  · DALI control
  · Daylight sensor
> Lumen efficiency:
  · 140Lm/w
  · 160Lm/w
  · 180Lm/w
> Installation:
  · Suspended
  · Surface mounted

Symmetric Honeycomb :4 X100W-60CM

Order Code	Product Name	Rated Power	Lumen Output	Lumen Efficiency	Color Index	Beam Angle	AC Input	Power Factor	Flicker Free	Product Picture
FL02-4AAN1-MHN5M-001	Advanced 4X100W Symmetric Honeycomb Modular T-Flood	4X100W	56000LM	140LM/W	Ra>80	60°/90°	AC 100-277V	>0.95	Y	
FL02-4ADN1-MHN5M-001	Deluxe 4X100W Symmetric Honeycomb Modular T-Flood	4X100W	64000LM	160LM/W	Ra>80	60°/90°	AC 100-277V	>0.95	Y	

Asymmetric Honeycomb :4 X100W-60CM

Order Code	Product Name	Rated Power	Lumen Output	Lumen Efficiency	Color Index	Beam Angle	AC Input	Power Factor	Flicker Free	Product Picture
FL02-4AAN1-MSN5M-001	Advanced 4X100W Asymmetric Honeycomb Modular T-Flood	4X100W	56000LM	140LM/W	Ra>80	60°x110° 90°X110°	AC 100-277V	>0.95	Y	
FL02-4ADN1-MSN5M-001	Deluxe 4X100W Asymmetric Honeycomb Modular T-Flood	4X100W	64000LM	160LM/W	Ra>80	60°x110° 90°X110°	AC 100-277V	>0.95	Y	

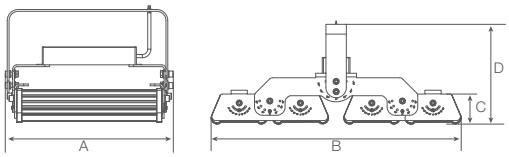
Frosted :4X100W-60CM

Order Code	Product Name	Rated Power	Lumen Output	Lumen Efficiency	Color Index	Beam Angle	AC Input	Power Factor	Flicker Free	Product Picture
FL02-4AAN1-MFN5M-001	Advanced 4X100W Frosted Cover Modular T-Flood	4X100W	56000LM	140LM/W	Ra>80	120°	AC 100-277V	>0.95	Y	
FL02-4ADN1-MFN5M-001	Deluxe 4X100W Frosted Cover Modular T-Flood	4X100W	64000LM	160LM/W	Ra>80	120°	AC 100-277V	>0.95	Y	

Glass :4 X100W-60CM

Order Code	Product Name	Rated Power	Lumen Output	Lumen Efficiency	Color Index	Beam Angle	AC Input	Power Factor	Flicker Free	Product Picture
FL02-4ADN1-MGN5M-001	Deluxe 4X100W Glass Cover Modular T-Flood	4X100W	64000LM	160LM/W	Ra>80	120°	AC 100-277V	>0.95	Y	
FL02-4ATN1-MGN5M-001	TOP 4X100W Glass Cover Modular T-Flood	4X100W	72000LM	180LM/W	Ra>70	120°	AC 100-277V	>0.95	Y	

Dimensions



Product Name	A	B	C	D
60CM	364	613	73	244

Unit:mm

Flat Highbay Light

Warranty
5
Years

Flat Highbay Light

Product Style

LED Gentle Flat Highbay

Gentle Version / 130LM/W with PC cover

LED Reflective Flat Highbay

Reflective Version / 140LM/W with lens

Flat Highbay Light

4x50W-30CM Flat Highbay Light

1~10V dimming

5 YR

Features

> Rated power : 80-300W
> 130Lm/W and 50,000h life span
> Steel case as heatsink
> Custom-made dimension

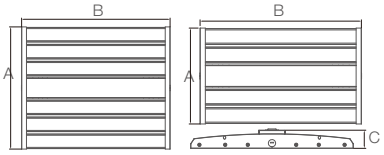
Applications

> Traditional lamp replacement
> Factories / Warehouses
> Supermarkets / schools
> Car Parks / Gas stations

Options

> Dimming: On-off or 1-10V
> CCT:
· WW:3000K, NW:4000K, PW:5000K , CW:6000K
> AC Input :
· AC100-277V
· AC100-384V
· AC384V single
· AC100-240V
> Installation :
· Chain / Cable Mount , Rod Mount

Dimensions



Product Name	A	B	C
1x2ft	338	625	56.2
2x2ft	458	625	56.2
1x4ft	338	1225	56.2
2x4ft	458	1225	56.2

Unit:mm

EU Style

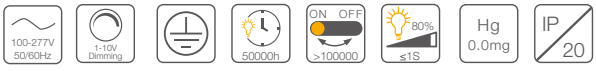
• Data Sheet

Order Code	Product Name	Rated Power	Lumen Output	Lumen Efficacy	Color Index	Beam Agree	AC Input	Power Factor	Flicker Free
HB12-80AN1- GMN1S-001	1x2ft 80W Gentle GS linear high bay	80W	10400LM	130LM/W	Ra>80	120	AC200-240V	PF>0.95	Y
HB12-1AAN1- GMN1S-001	1x2ft 100W Gentle GS linear high bay	100W	13000LM	130LM/W	Ra>80	120	AC200-240V	PF>0.95	Y
HB22-1BAN1- GMN1S-001	2x2ft 150W Gentle GS linear high bay	150W	19500LM	130LM/W	Ra>80	120	AC200-240V	PF>0.95	Y
HB22-2AAN1- GMN1S-001	2x2ft 200W Gentle GS linear high bay	200W	26000LM	130LM/W	Ra>80	120	AC200-240V	PF>0.95	Y
HB14-1BAN1- GMN1S-001	1x4ft 150W Gentle GS linear high bay	150W	19500LM	130LM/W	Ra>80	120	AC200-240V	PF>0.95	Y
HB14-2AAN1- GMN1S-001	1x4ft 200W Gentle GS linear high bay	200W	26000LM	130LM/W	Ra>80	120	AC200-240V	PF>0.95	Y
HB24-3AAN1- GMN1S-001	2x4ft 300W Gentle GS linear high bay	300W	39000LM	130LM/W	Ra>80	120	AC200-240V	PF>0.95	Y

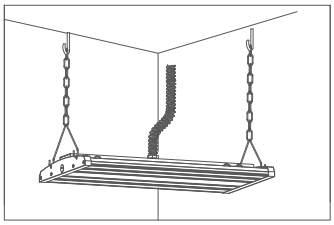
North American Style

• Data Sheet

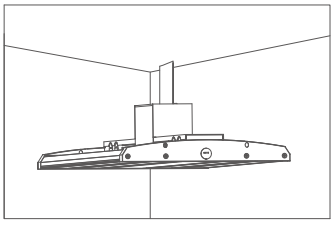
Order Code	Product Name	Rated Power	Lumen Output	Lumen Efficacy	Color Index	Beam Agree	AC Input	Power Factor	Flicker Free
HB12-80AN-GMV5M-500	1x2ft 80W Gentle ETL linear high bay	80W	10400LM	130LM/W	Ra>80	120	AC100-277V	PF>0.95	Y
HB12-1AAN-GMV5M-500	1x2ft 100W Gentle ETL linear high bay	100W	13000LM	130LM/W	Ra>80	120	AC100-277V	PF>0.95	Y
HB22-1BAN-GMV5M-500	2x2ft 150W Gentle ETL linear high bay	150W	19500LM	130LM/W	Ra>80	120	AC100-277V	PF>0.95	Y
HB22-2AAN-GMV5M-500	2x2ft 200W Gentle ETL linear high bay	200W	26000LM	130LM/W	Ra>80	120	AC100-277V	PF>0.95	Y
HB14-1BAN-GMV5M-500	1x4ft 150W Gentle ETL linear high bay	150W	19500LM	130LM/W	Ra>80	120	AC100-277V	PF>0.95	Y
HB14-2AAN-GMV5M-500	1x4ft 200W Gentle ETL linear high bay	200W	26000LM	130LM/W	Ra>80	120	AC100-277V	PF>0.95	Y
HB24-3AAN-GMV5M-500	2x4ft 300W Gentle ETL linear high bay	300W	39000LM	130LM/W	Ra>80	120	AC100-277V	PF>0.95	Y



Installation



Chain / Cable suspension



Rod mount

LED Reflective Flat Highbay

Reflective Version / 140LM/W with lens

1~10V dimming

5 YR

Features

- > Rated power : 80-300W
- > 140Lm/W and 50,000H life span
- > 30/60/90/Double25 viewing angle
- > Steel case as heatsink
- > Custom-made dimension

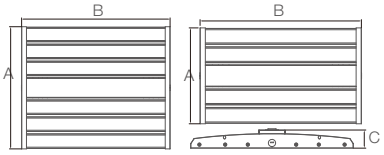
Applications

- > Traditional lamp replacement
- > Factories / Warehouses
- > Supermarkets / Schools
- > Car Parks / Gas stations

Options

- > Dimming: On-off or 1-10V
- > CCT:
  - · WW:3000K, NW:4000K, PW:5000K , CW:6000K
- > AC Input :
  - · AC100-277V
  - · AC100-384V
  - · AC384V single
  - · AC100-240V
- > Installation :
  - · Chain / Cable Mount , Rod Mount

Dimensions



Product Name	A	B	C
1x2ft	338	625	56.2
2x2ft	458	625	56.2
1x4ft	338	1225	56.2
2x4ft	458	1225	56.2

Unit:mm

EU Style

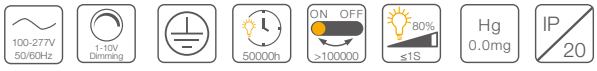
• Data Sheet

Order Code	Product Name	Rated Power	Lumen Output	Lumen Efficacy	Color Index	Beam Agree	AC Input	Power Factor	Flicker Free
HB12-80DN1- RLN1S-001	1x2ft 80W Reflective GS linear high bay	80W	11200LM	140LM/W	Ra>80	30/60/90	AC200-240V	PF>0.95	Y
HB12-1ADN1- RLN1S-001	1x2ft 100W Reflective GS linear high bay	100W	14000LM	140LM/W	Ra>80	30/60/90	AC200-240V	PF>0.95	Y
HB22-1BDN1- RLN1S-001	2x2ft 150W Reflective GS linear high bay	150W	21000LM	140LM/W	Ra>80	30/60/90	AC200-240V	PF>0.95	Y
HB22-2ADN1- RLN1S-001	2x2ft 200W Reflective GS linear high bay	200W	28000LM	140LM/W	Ra>80	30/60/90	AC200-240V	PF>0.95	Y
HB14-1BDN1- RLN1S-001	1x4ft 150W Reflective GS linear high bay	150W	21000LM	140LM/W	Ra>80	30/60/90	AC200-240V	PF>0.95	Y
HB14-2ADN1- RLN1S-001	1x4ft 200W Reflective GS linear high bay	200W	28000LM	140LM/W	Ra>80	30/60/90	AC200-240V	PF>0.95	Y
HB24-3ADN1- RLN1S-001	2x4ft 300W Reflective GS linear high bay	300W	42000LM	140LM/W	Ra>80	30/60/90	AC200-240V	PF>0.95	Y

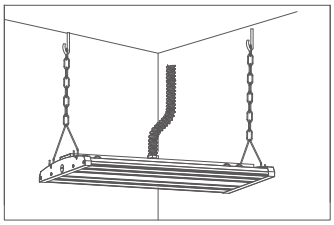
North American Style

• Data Sheet

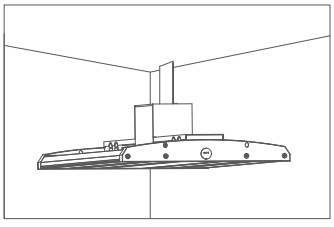
Order Code	Product Name	Rated Power	Lumen Output	Lumen Efficacy	Color Index	Beam Agree	AC Input	Power Factor	Flicker Free
HB12-80DN1- RLV5M-500	1x2ft 80W Reflective ETL linear high bay	80W	11200LM	140LM/W	Ra>80	30/60/90	AC100-277V	PF>0.95	Y
HB12-1ADN1- RLV5M-500	1x2ft 100W Reflective ETL linear high bay	100W	14000LM	140LM/W	Ra>80	30/60/90	AC100-277V	PF>0.95	Y
HB22-1BDN1- RLV5M-500	2x2ft 150W Reflective ETL linear high bay	150W	21000LM	140LM/W	Ra>80	30/60/90	AC100-277V	PF>0.95	Y
HB22-2ADN1- RLV5M-500	2x2ft 200W Reflective ETL linear high bay	200W	28000LM	140LM/W	Ra>80	30/60/90	AC100-277V	PF>0.95	Y
HB14-1BDN1- RLV5M-500	1x4ft 150W Reflective ETL linear high bay	150W	21000LM	140LM/W	Ra>80	30/60/90	AC100-277V	PF>0.95	Y
HB14-2ADN1- RLV5M-500	1x4ft 200W Reflective ETL linear high bay	200W	28000LM	140LM/W	Ra>80	30/60/90	AC100-277V	PF>0.95	Y
HB24-3ADN1- RLV5M-500	2x4ft 300W Reflective ETL linear high bay	300W	42000LM	140LM/W	Ra>80	30/60/90	AC100-277V	PF>0.95	Y



Installation



Chain / Cable suspension



Rod mount

Brighton
LED Track Panel

Warranty
5
Years

Brighton LED Track Panel

Track Panel : Wattage adjustable , 1-10V /DALI Dimming

Tri-color

3000K 4000K 5000K

Wattage adjustable

1~10V dimming

5 YR

Features

> 30/60/90/L25/R25 viewing angle
> Wattage adjustable
> Single or Tri-Color
> 5 years warranty

Applications

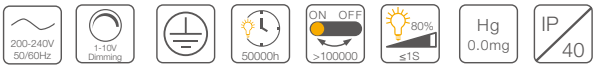
> Replacement for Nornal Track Light
> Warehouses, Factories, Supermarkets

Options

> Viewing angle:
30/60/90/Double25 viewing angle
> Emitting color:
Single or Tri-color
> Function:
ON-OFF / 1-10V / DALI
> Wattage Adjustable:
32W / 64W / 32~64W
> Installation:
Track / Suspension

EU Style

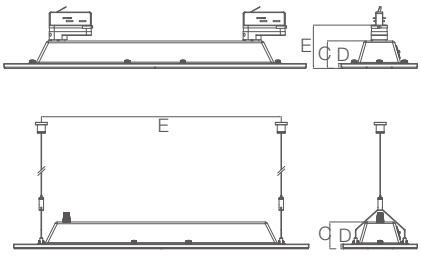
Order Code	Product Name	Rated Power	Lumen Output	Lumen Efficacy	Color Index	AC Input	Power Factor	Flicker Free
Single Color								
TK16-32DN1-ALN1B-001	600x150mm-32W GS track panel	32W	4480LM	140LM/W	Ra>80	AC200-240V	PF>0.95	Y
TK16-64DN1-ALN1B-001	600x150mm-64W GS track panel	64W	8960LM	140LM/W	Ra>80	AC200-240V	PF>0.95	Y
TK16-ADDN1-ALN1B-001	600x150mm-32~64W adjustbale	32~64W	MAX8960LM	140LM/W	Ra>80	AC200-240V	PF>0.95	Y
Tri-color								
TK16-32DTR-ALN1B-001	600x150mm-32W GS track panel	32W	4480LM	140LM/W	Ra>80	AC200-240V	PF>0.95	Y
TK16-64DTR-ALN1B-001	600x150mm-64W GS track panel	64W	8960LM	140LM/W	Ra>80	AC200-240V	PF>0.95	Y
TK16-ADDTR-ALN1B-001	600x150mm-32~64W adjustbale	32~64W	MAX8960LM	140LM/W	Ra>80	AC200-240V	PF>0.95	Y

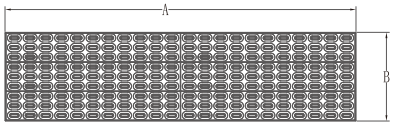


North American Style: 1-10V dimming as standard

Order Code	Product Name	Rated Power	Lumen Output	Lumen Efficacy	Color Index	AC Input	Power Factor	Flicker Free
Single Color								
TK16-32DN1-ALV5X-500	600x150mm-32W ETL track panel	32W	4480LM	140LM/W	Ra>80	AC100-277V	PF>0.95	Y
TK16-60DN1-ALV5X-500	600x150mm-60W ETL track panel	60W	8400LM	140LM/W	Ra>80	AC100-277V	PF>0.95	Y
Tri-color								
TK16-32DN1-ALV5X-500	600x150mm-32W ETL track panel	32W	4480LM	140LM/W	Ra>80	AC100-277V	PF>0.95	Y
TK16 -60DN1-ALV5X-500	600x150mm-60W ETL track panel	60W	8400LM	140LM/W	Ra>80	AC100-277V	PF>0.95	Y

Dimensions

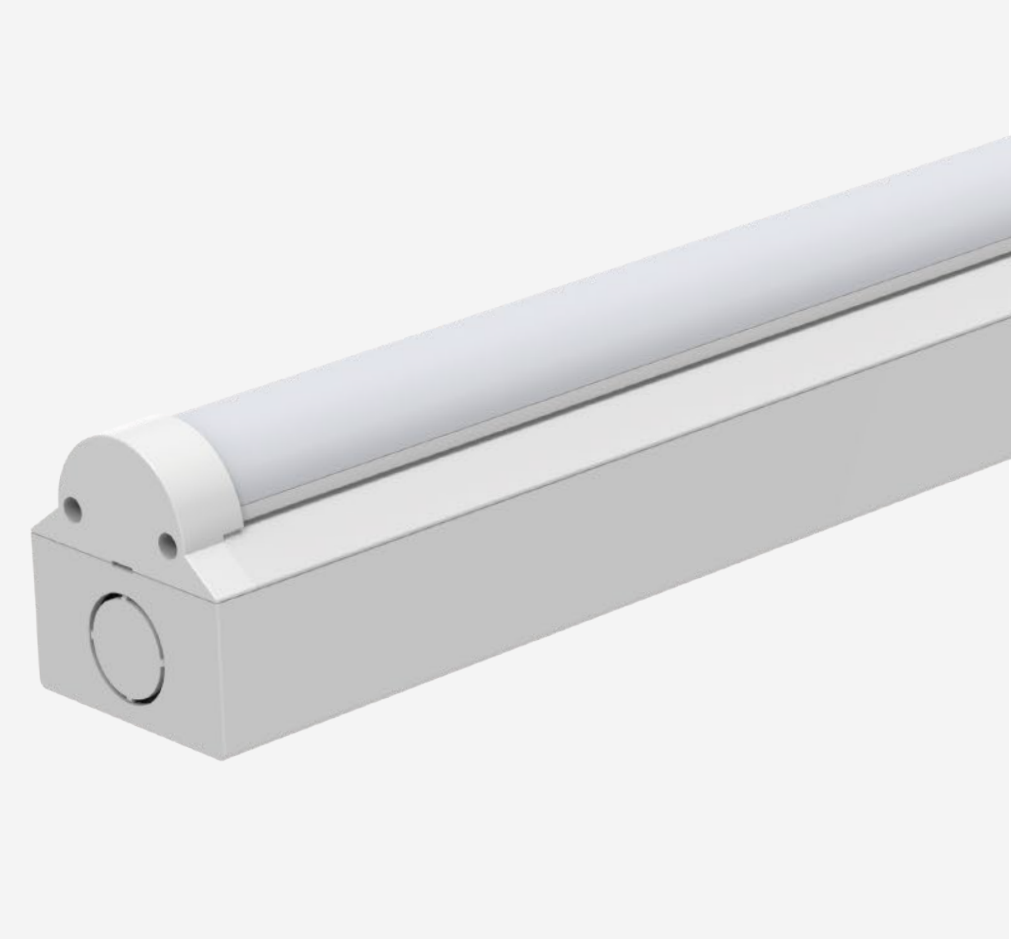




Product Name	A	B	C	D	E
Track	602	152	55	9	80
Suspension	602	152	55	9	486

Unit: mm

LED Linear Light
LED Batten Light



Warranty
5
Years

Product Range

Slim Batten

T8 Slim Batten

Narrow Slim Batten

Gentle Slim Batten
Low Glare

Frosted Slim Batten

Wega Batten

Wega Batten

Kingston Batten - 120mm

Gentle Kingston Batten
UGR<19

Frosted Kingston Batten

Uptom Batten - 80mm

Gentle Upton Batten
UGR<19

Frosted Upton Batten

Arco Batten

ARCO Batten

General Batten

General Batten

T8 Slim Batten

125LM/W GS /ETL /DLC approval

PIR | IP20 | 5 YR

Tri-color

3000K | 4000K | 5000K

Features

> Patent designed batten light
> Durable Aluminum/Metal casing with end/rear cables entries
> Single installation or linkable
> Perfect replacement for traditional T5/T8 fittings
> Suitable for surface mounting or suspended installation
> 5 years warranty

Applications

> Replacement for T8 / T5 fluorescent batten
> Warehouses , Factories, Car Parks , Supermarkets
> Stations, Offices

Options

> Emitting color :
  · Single Color / Tri-Color
> Function:
  · ON-OFF
  · 1-10V dimming
  · DALI Dimming
  · PIR Sensor
  · 3H Emergency
> LED Driver
  · Tridonic
  · OSRAM
  · LIFUD
  · BOKE
> Wiring method : Single or double sides
> Installation : Surface mounting or Suspension

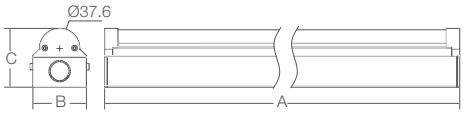
EU Style

Order Code	Product Name	Rated Power	Lumen Output	Lumen Efficacy	Color Index	Color	AC Input	Power Factor	IP Rate
BT02-10PN1-STN2B-001	60CM-10W GS T8 slim batten	10W	1250LM	125LM/W	Ra>80	Single Tri color	AC200-240V	PF>0.95	IP20
BT04-17PN1-STN2B-001	120CM-17W GS T8 slim batten	17W	2100LM	125LM/W	Ra>80	Single Tri color	AC200-240V	PF>0.95	IP20
BT04-32PN1-STN2B-001	120CM-32W GS T8 slim batten	32W	4000LM	125LM/W	Ra>80	Single Tri color	AC200-240V	PF>0.95	IP20
BT05-28PN1-STN2B-001	150CM-28W GS T8 slim batten	28W	3500LM	125LM/W	Ra>80	Single Tri color	AC200-240V	PF>0.95	IP20
BT05-56PN1-STN2B-001	150CM-56W GS T8 slim batten	56W	7000LM	125LM/W	Ra>80	Single Tri color	AC200-240V	PF>0.95	IP20
BT06-32PN1-STN2B-001	180CM-32W GS T8 slim batten	32W	4000LM	125LM/W	Ra>80	Single Tri color	AC200-240V	PF>0.95	IP20
BT06-62PN1-STN2B-001	180CM-62W GS T8 slim batten	62W	7750LM	125LM/W	Ra>80	Single Tri color	AC200-240V	PF>0.95	IP20

US Style ：1-10V Dimming as standard

Order Code	Product Name	Rated Power	Lumen Output	Lumen Efficacy	Color Index	Color	AC Input	Power Factor	IP Rate
BT02-10PN1-STV5X-500	60CM-10W ETL T8 slim batten	10W	1250LM	125LM/W	Ra>80	Single Tri color	AC100-277V	PF>0.95	IP20
BT04-17PN1-STV5X-500	120CM-17W ETL T8 slim batten	17W	2100LM	125LM/W	Ra>80	Single Tri color	AC100-277V	PF>0.95	IP20
BT04-32PN1-STV5X-500	120CM-32W ETL T8 slim batten	32W	4000LM	125LM/W	Ra>80	Single Tri color	AC100-277V	PF>0.95	IP20
BT05-28PN1-STV5X-500	150CM-28W ETL T8 slim batten	28W	3500LM	125LM/W	Ra>80	Single Tri color	AC100-277V	PF>0.95	IP20
BT05-56PN1-STV5X-500	150CM-56W ETL T8 slim batten	56W	7000LM	125LM/W	Ra>80	Single Tri color	AC100-277V	PF>0.95	IP20
BT06-32PN1-STV5X-500	180CM-32W ETL T8 slim batten	32W	4000LM	125LM/W	Ra>80	Single Tri color	AC100-277V	PF>0.95	IP20
BT06-62PN1-STV5X-500	180CM-62W ETL T8 slim batten	62W	7750LM	125LM/W	Ra>80	Single Tri color	AC100-277V	PF>0.95	IP20

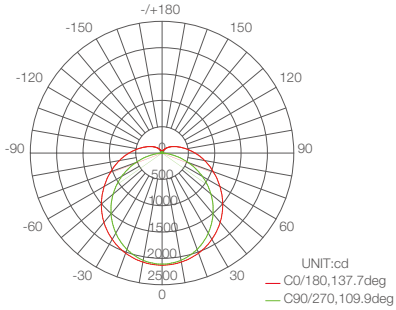
Dimensions



Product Name	A	B	C
60cm/2ft	600	55	58
120cm/4ft	1200	55	58
150cm/5ft	1500	55	58
180cm/6ft	1800	55	58

Unit:mm

Beam Angle



AVERAGE BEAM ANGLE(50%):123.8 DEG

Narrow Slim Batten

80 Degree 130LM/W High Lux GS /ETL/DLC Approval

80 degree | IP20 | 5 YR

Tri-color

3000K | 4000K | 5000K

Features

> Patent designed 80 degree batten light
> Durable aluminum casing with end/rear cables entries
> Single installation or linkable
> Perfect replacement for traditional T5/T8 fittings
> Suitable for surface mounting or suspended installation
> 5 years warranty

Applications

> Replacement for T8 / T5 fluorescent batten
> Warehouses , Factories, Car Parks , Supermarkets
> Stations, Offices

Options

> Emitting color :
· Single Color / Tri-Color
> Function:
· ON-OFF
· 1-10V dimming
· DALI Dimming
· PIR Sensor
· 3H Emergency
> LED Driver
· Tridonic
· OSRAM
· LIFUD
· BOKE
> Wiring method : Single or double sides
> Installation : Surface mounting or Suspension

EU Style

Order Code	Product Name	Rated Power	Lumen Output	Lumen Efficacy	Color Index	Color	AC Input	Power Factor	IP Rate
BT04-17PN1-SNN2B-001	120CM-17W GS Narrow slim batten	17W	2200LM	130LM/W	Ra>80	Single Tri color	AC200-240V	PF>0.95	IP20
BT04-32PN1-SNN2B-001	120CM-32W GS Narrow slim batten	32W	4150LM	130LM/W	Ra>80	Single Tri color	AC200-240V	PF>0.95	IP20
BT05-28PN1-SNN2B-001	150CM-28W GS Narrow slim batten	28W	3650LM	130LM/W	Ra>80	Single Tri color	AC200-240V	PF>0.95	IP20
BT05-56PN1-SNN2B-001	150CM-56W GS Narrow slim batten	56W	7250LM	130LM/W	Ra>80	Single Tri color	AC200-240V	PF>0.95	IP20
BT06-32PN1-SNN2B-001	180CM-32W GS Narrow slim batten	32W	4150LM	130LM/W	Ra>80	Single Tri color	AC200-240V	PF>0.95	IP20
BT06-62PN1-SNN2B-001	180CM-62W GS Narrow slim batten	62W	8050LM	130LM/W	Ra>80	Single Tri color	AC200-240V	PF>0.95	IP20
BT06-72PN1-SNN2B-001	180CM-72W GS Narrow slim batten	72W	9350LM	130LM/W	Ra>80	Single Tri color	AC200-240V	PF>0.95	IP20

US Style ：1-10V Dimming as standard

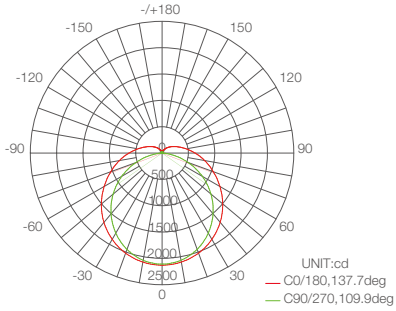
Order Code	Product Name	Rated Power	Lumen Output	Lumen Efficacy	Color Index	Color	AC Input	Power Factor	IP Rate
BT04-17PN1-SNV5X-500	120CM-17W ETL Narrow slim batten	17W	2200LM	130LM/W	Ra>80	Single Tri color	AC100-277V	PF>0.95	IP20
BT04-32PN1-SNV5X-500	120CM-32W ETL Narrow slim batten	32W	4150LM	130LM/W	Ra>80	Single Tri color	AC100-277V	PF>0.95	IP20
BT05-28PN1-SNV5X-500	150CM-28W ETL Narrow slim batten	28W	3650LM	130LM/W	Ra>80	Single Tri color	AC100-277V	PF>0.95	IP20
BT05-56PN1-SNV5X-500	150CM-56W ETL Narrow slim batten	56W	7250LM	130LM/W	Ra>80	Single Tri color	AC100-277V	PF>0.95	IP20
BT06-32PN1-SNV5X-500	180CM-32W ETL Narrow slim batten	32W	4150LM	130LM/W	Ra>80	Single Tri color	AC100-277V	PF>0.95	IP20
BT06-62PN1-SNV5X-500	180CM-62W ETL Narrow slim batten	62W	8050LM	130LM/W	Ra>80	Single Tri color	AC100-277V	PF>0.95	IP20
BT06-72PN1-SNV5X-500	180CM-72W ETL Narrow slim batten	72W	9350LM	130LM/W	Ra>80	Single Tri color	AC100-277V	PF>0.95	IP20

Dimensions

Product Name	A	B	C
120cm/4ft	1154	55	50
150cm/5ft	1439	55	50
180cm/6ft	1724	55	50

Unit:mm

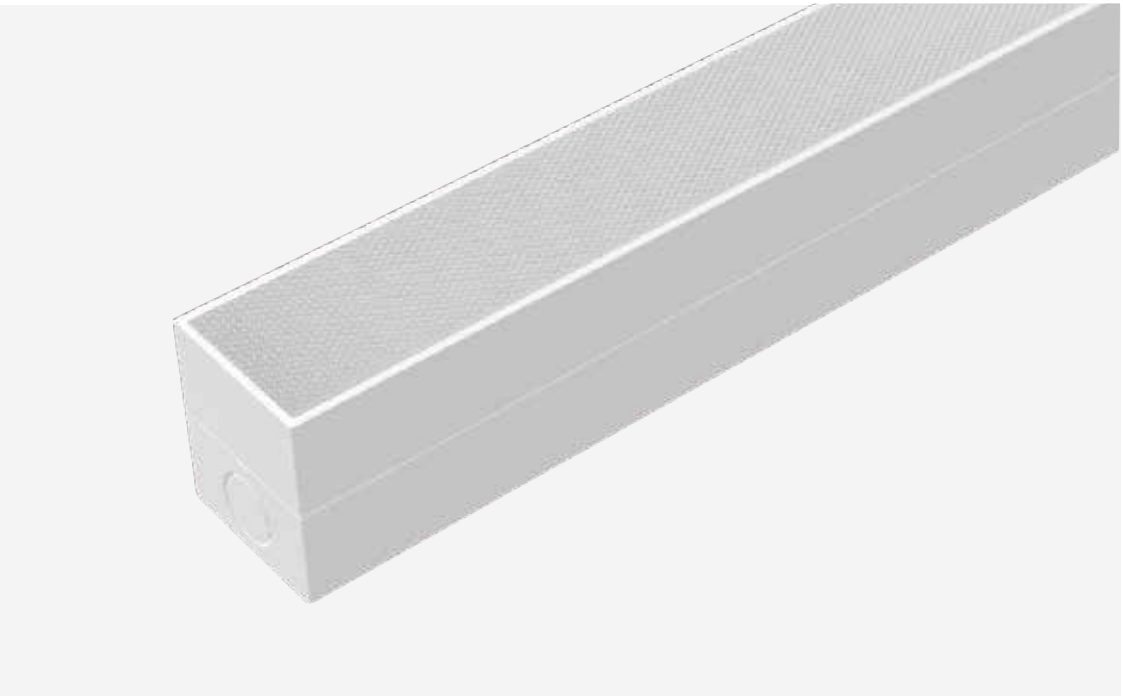
Beam Angle



AVERAGE BEAM ANGLE(50%):123.8 DEG

Gentle Slim Batten

Low Glare 100LM/W GS /ETL/DLC Approval



UGR <22

IP20

5 YR

Tri-color

3000K 4000K 5000K

Features

> Low glare /UGR<22
> Patent designed batten light
> Durable aluminum casing with end/rear cables entries
> Single installation or linkable
> Perfect replacement for traditional T5/T8 fittings
> Suitable for surface mounting or suspended installation
> 5 years warranty

Applications

> Replacement for T8 / T5 fluorescent batten
> Warehouses , Factories, Car Parks , Supermarkets
> Stations, Offices

Options

> Emitting color :
  · Single Color / Tri-Color
> Function:
  · ON-OFF
  · 1-10V dimming
  · DALI Dimming
  · 3H Emergency
> LED Driver
  · Tridonic
  · OSRAM
  · LIFUD
  · BOKE
> Wiring method : Single or double sides
> Installation : Surface mounting or Suspension

EU Style

Order Code	Product Name	Rated Power	Lumen Output	Lumen Efficacy	Color Index	Color	AC Input	Power Factor	IP Rate
BT02-10SN1-SGN2B-001	60CM-10W GS Gentle slim batten	10W	1000LM	100LM/W	Ra>80	Single Tri color	AC200-240V	PF>0.95	IP20
BT04-17SN1-SGN2B-001	120CM-17W GS Gentle slim batten	17W	1700LM	100LM/W	Ra>80	Single Tri color	AC200-240V	PF>0.95	IP20
BT05-28SN1-SGN2B-001	150CM-28W GS Gentle slim batten	28W	2800LM	100LM/W	Ra>80	Single Tri color	AC200-240V	PF>0.95	IP20
BT06-32SN1-SGN2B-001	180CM-32W GS Gentle slim batten	32W	3200LM	100LM/W	Ra>80	Single Tri color	AC200-240V	PF>0.95	IP20

US Style : 1-10V Dimming as standard

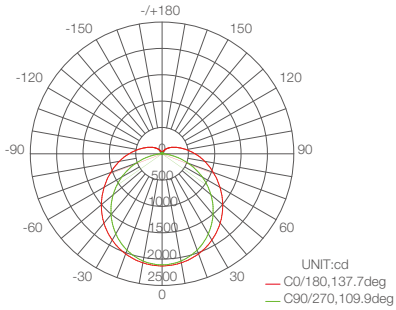
Order Code	Product Name	Rated Power	Lumen Output	Lumen Efficacy	Color Index	Color	AC Input	Power Factor	IP Rate
BT02-10SN1-SGV5X-500	60CM-10W ETL Gentle slim batten	10W	1000LM	100LM/W	Ra>80	Single Tri color	AC100-277V	PF>0.95	IP20
BT04-17SN1-SGV5X-500	120CM-17W ETL Gentle slim batten	17W	1700LM	100LM/W	Ra>80	Single Tri color	AC100-277V	PF>0.95	IP20
BT05-28SN1-SGV5X-500	150CM-28W ETL Gentle slim batten	28W	2800LM	100LM/W	Ra>80	Single Tri color	AC100-277V	PF>0.95	IP20
BT06-32SN1-SGV5X-500	180CM-32W ETL Gentle slim batten	32W	3200LM	100LM/W	Ra>80	Single Tri color	AC100-277V	PF>0.95	IP20

Dimensions

Product Name	A	B	C
60cm/2ft	642	55	63.5
120cm/4ft	1119	55	63.5
150cm/5ft	1473	55	63.5
180cm/6ft	1755	55	63.5

Unit:mm

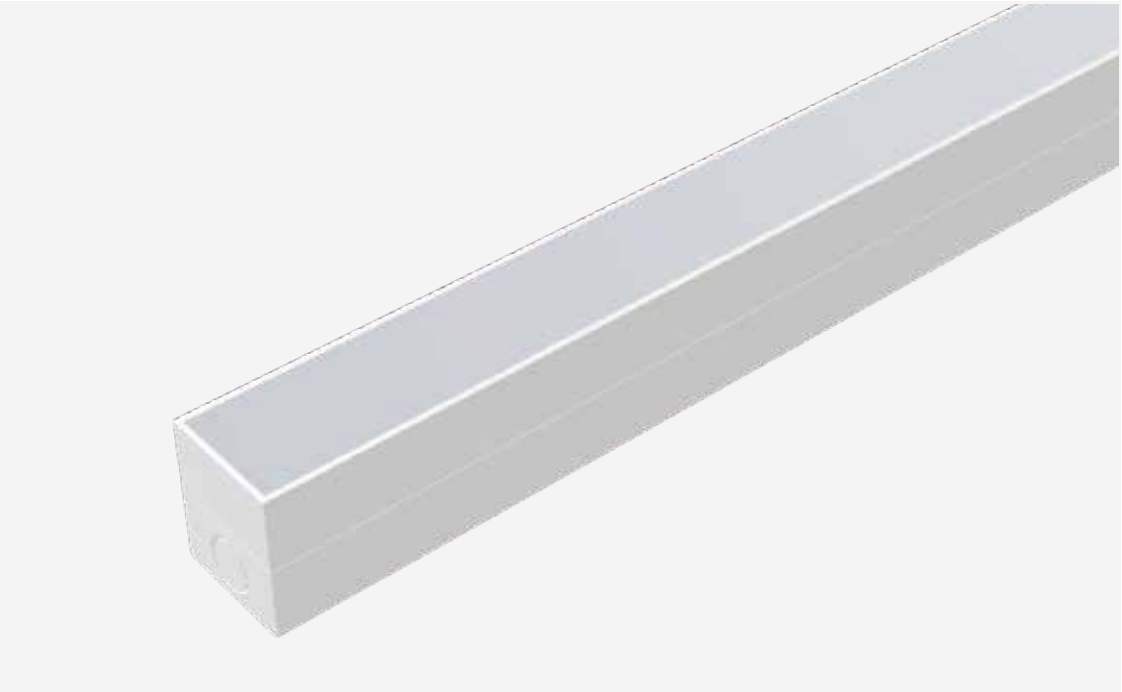
Beam Angle



AVERAGE BEAM ANGLE(50%):123.8 DEG

Frosted Slim Batten

Milky Cover 125LM/W GS /ETL /DLC approval



IP20

5 YR

Tri-color

3000K | 4000K | 5000K

Features

> Patent designed batten light
> Durable aluminum casing with end/rear cables entries
> Single installation or linkable
> Perfect replacement for traditional T5/T8 fittings
> Suitable for surface mounting or suspended installation
> 5 years warranty

Applications

> Replacement for T8 / T5 fluorescent batten
> Warehouses , Factories, Car Parks , Supermarkets
> Stations, Offices

Options

> Emitting color :
  · Single Color / Tri-Color
> Function:
  · ON-OFF
  · 1-10V dimming
  · DALI Dimming
  · 3H Emergency
> LED Driver
  · Tridonic
  · OSRAM
  · LIFUD
  · BOKE
> Wiring method : Single or double sides
> Installation : Surface mounting or Suspension

EU Style

Order Code	Product Name	Rated Power	Lumen Output	Lumen Efficacy	Color Index	Color	AC Input	Power Factor	IP Rate
BT02-10PN1-SFN2B-001	60CM-10W GS Frosted slim batten	10W	1250LM	125LM/W	Ra>80	Single Tri color	AC200-240V	PF>0.95	IP20
BT04-17PN1-SFN2B-001	120CM-17W GS Frosted slim batten	17W	2100LM	125LM/W	Ra>80	Single Tri color	AC200-240V	PF>0.95	IP20
BT04-32PN1-SFN2B-001	120CM-32W GS Frosted slim batten	32W	4000LM	125LM/W	Ra>80	Single Tri color	AC200-240V	PF>0.95	IP20
BT05-28PN1-SFN2B-001	150CM-28W GS Frosted slim batten	28W	3500LM	125LM/W	Ra>80	Single Tri color	AC200-240V	PF>0.95	IP20
BT05-56PN1-SFN2B-001	150CM-56W GS Frosted slim batten	56W	7000LM	125LM/W	Ra>80	Single Tri color	AC200-240V	PF>0.95	IP20
BT06-32PN1-SFN2B-001	180CM-32W GS Frosted slim batten	32W	4000LM	125LM/W	Ra>80	Single Tri color	AC200-240V	PF>0.95	IP20
BT06-62PN1-SFN2B-001	180CM-62W GS Frosted slim batten	62W	7750LM	125LM/W	Ra>80	Single Tri color	AC200-240V	PF>0.95	IP20

US Style ：1-10V Dimming as standard

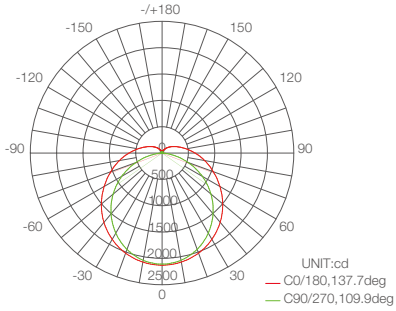
Order Code	Product Name	Rated Power	Lumen Output	Lumen Efficacy	Color Index	Color	AC Input	Power Factor	IP Rate
BT02-10PN1-SFV5X-500	60CM-10W ETL Frosted slim batten	10W	1250LM	125LM/W	Ra>80	Single Tri color	AC100-277V	PF>0.95	IP20
BT04-17PN1-SFV5X-500	120CM-17W ETL Frosted slim batten	17W	2100LM	125LM/W	Ra>80	Single Tri color	AC100-277V	PF>0.95	IP20
BT04-32PN1-SFV5X-500	120CM-32W ETL Frosted slim batten	32W	4000LM	125LM/W	Ra>80	Single Tri color	AC100-277V	PF>0.95	IP20
BT05-28PN1-SFV5X-500	150CM-28W ETL Frosted slim batten	28W	3500LM	125LM/W	Ra>80	Single Tri color	AC100-277V	PF>0.95	IP20
BT05-56PN1-SFV5X-500	150CM-56W ETL Frosted slim batten	56W	7000LM	125LM/W	Ra>80	Single Tri color	AC100-277V	PF>0.95	IP20
BT06-32PN1-SFV5X-500	180CM-32W ETL Frosted slim batten	32W	4000LM	125LM/W	Ra>80	Single Tri color	AC100-277V	PF>0.95	IP20
BT06-62PN1-SFV5X-500	180CM-62W ETL Frosted slim batten	62W	7750LM	125LM/W	Ra>80	Single Tri color	AC100-277V	PF>0.95	IP20

Dimensions

Product Name	A	B	C
60cm/2ft	642	55	63.5
120cm/4ft	1119	55	63.5
150cm/5ft	1473	55	63.5
180cm/6ft	1755	55	63.5

Unit:mm

Beam Angle



AVERAGE BEAM ANGLE(50%):123.8 DEG

Wega Batten Light

CE/ETL /DLC approval

120 LM/W

5 YR

Tri-color

3000K 4000K 5000K

Features

> Safety-lock-mechanism for a secure installation
> Durable metal casing with end/rear cables entries
> Milky PC cover with 85% transparency and 120° degree beam angle
> Single installation or linkable
> Perfect replacement for traditional T5/T8 fittings
> Suitable for surface mounting or suspended installation
> 5 years warranty

Applications

> Replacement for T8 / T5 fluorescent batten
> Warehouses , Factories, Car Parks , Supermarkets
> Stations, Offices

Options

> Emitting color :
· Single Color / Tri-Color
> Function:
· ON-OFF
· DALI Dimming
> LED Driver
· OSRAM as standard
> Wiring method : Single or double sides
> Installation : Surface mounting or Suspension

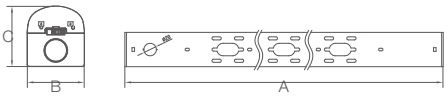
Premium version 125LM/W

Order Code	Product Name	Rated Power	Lumen Output	Lumen Efficacy	Color Index	Color	AC Input	Power Factor	IP Rate
BT02-10PN1-WGN1S-001	60CM-10W Wega batten	10W	1250LM	125LM/W	Ra>80	Single Tri color	AC200-240V	PF>0.95	IP20
BT04-18PN1-WGN1S-001	120CM-18W Wega batten	18W	2250LM	125LM/W	Ra>80	Single Tri color	AC200-240V	PF>0.95	IP20
BT04-35PN1-WGN1S-001	120CM-35W Wega batten	35W	4350LM	125LM/W	Ra>80	Single Tri color	AC200-240V	PF>0.95	IP20
BT05-22PN1-WGN1S-001	150CM-22W Wega batten	22W	2750LM	125LM/W	Ra>80	Single Tri color	AC200-240V	PF>0.95	IP20
BT05-29PN1-WGN1S-001	150CM-29W Wega batten	29W	3600LM	125LM/W	Ra>80	Single Tri color	AC200-240V	PF>0.95	IP20
BT05-35PN1-WGN1S-001	150CM-35W Wega batten	35W	4350LM	125LM/W	Ra>80	Single Tri color	AC200-240V	PF>0.95	IP20
BT05-55PN1-WGN1S-001	150CM-55W Wega batten	55W	6850LM	125LM/W	Ra>80	Single Tri color	AC200-240V	PF>0.95	IP20
BT06-35PN1-WGN1S-001	180CM-35W Wega batten	35W	4350LM	125LM/W	Ra>80	Single Tri color	AC200-240V	PF>0.95	IP20
BT06-55PN1-WGN1S-001	180CM-55W Wega batten	55W	6850LM	125LM/W	Ra>80	Single Tri color	AC200-240V	PF>0.95	IP20

Deluxe version 140LM/W

Order Code	Product Name	Rated Power	Lumen Output	Lumen Efficacy	Color Index	Color	AC Input	Power Factor	IP Rate
BT02-10DN1-WGN1S-001	60CM-10W Wega batten	10W	1400LM	140LM/W	Ra>80	Single Tri color	AC200-240V	PF>0.95	IP20
BT04-18DN1-WGN1S-001	120CM-18W Wega batten	18W	2520LM	140LM/W	Ra>80	Single Tri color	AC200-240V	PF>0.95	IP20
BT04-35DN1-WGN1S-001	120CM-35W Wega batten	35W	4900LM	140LM/W	Ra>80	Single Tri color	AC200-240V	PF>0.95	IP20
BT05-22DN1-WGN1S-001	150CM-22W Wega batten	22W	3050LM	140LM/W	Ra>80	Single Tri color	AC200-240V	PF>0.95	IP20
BT05-29DN1-WGN1S-001	150CM-29W Wega batten	29W	4050LM	140LM/W	Ra>80	Single Tri color	AC200-240V	PF>0.95	IP20
BT05-35DN1-WGN1S-001	150CM-35W Wega batten	35W	4900LM	140LM/W	Ra>80	Single Tri color	AC200-240V	PF>0.95	IP20
BT05-55DN1-WGN1S-001	150CM-55W Wega batten	55W	7700LM	140LM/W	Ra>80	Single Tri color	AC200-240V	PF>0.95	IP20
BT06-35DN1-WGN1S-001	180CM-35W Wega batten	35W	4900LM	140LM/W	Ra>80	Single Tri color	AC200-240V	PF>0.95	IP20
BT06-55DN1-WGN1S-001	180CM-55W Wega batten	55W	7700LM	140LM/W	Ra>80	Single Tri color	AC200-240V	PF>0.95	IP20

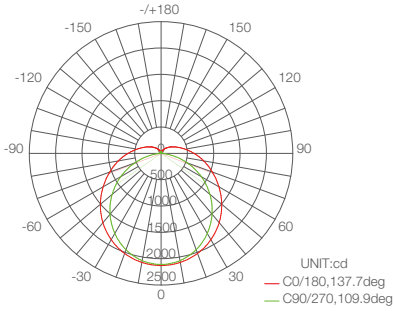
Dimensions



Product Name	A	B	C
2ft / 60cm	600	55	59
4ft / 120cm	1200	55	59
5ft / 150cm	1500	55	59
6ft / 180cm	1800	55	59

Unit:mm

Beam Angle



AVERAGE BEAM ANGLE(50%):123.8 DEG

Gentle Kingston Batten

Low Glare /UGR<19 115LM/W GS /ETL/DLC Approval

UGR <19

1~10V dimming

5 YR

Tri-color

3000K | 4000K | 5000K

Features

> Low glare /UGR<19
> Durable aluminum casing with end/rear cables entries
> Single installation or linkable
> Perfect replacement for traditional T5/T8 fittings
> Suitable for surface mounting or suspended installation
> 5 years warranty

Applications

> Replacement for normal battens
> Education light : Classrooms
> Office Light : Offices, Conference Rooms
> Commercial Light : Supermarkets, Shopping malls

Options

> Emitting color :
  · Single Color / Tri-Color
> Function:
  · ON-OFF
  · 1-10V dimming
  · DALI Dimming
  · 3H Emergency
> LED Driver
  · Tridonic
  · OSRAM
  · LIFUD
  · BOKE
> Wiring method : Single or double sides
> Installation : Surface mounting or Suspension

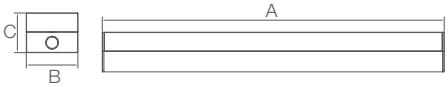
EU Style

Order Code	Product Name	Rated Power	Lumen Output	Lumen Efficacy	Color Index	Color	UGR	AC Input	Power Factor
BT02-10KN1-KGN1B-001	60CM-10W GS Gentle Kingston Batten	10W	1150LM	115LM/W	Ra>80	Single Tri color	<19	AC200-240V	PF>0.95
BT04-22KN1-KGN1B-001	120CM-22W GS Gentle Kingston Batten	22W	2500LM	115LM/W	Ra>80	Single Tri color	<19	AC200-240V	PF>0.95
BT04-32KN1-KGN1B-001	120CM-32W GS Gentle Kingston Batten	32W	3650LM	115LM/W	Ra>80	Single Tri color	<19	AC200-240V	PF>0.95
BT05-22KN1-KGN1B-001	150CM-22W GS Gentle Kingston Batten	22W	2500LM	115LM/W	Ra>80	Single Tri color	<19	AC200-240V	PF>0.95
BT05-32KN1-KGN1B-001	150CM-32W GS Gentle Kingston Batten	32W	3650LM	115LM/W	Ra>80	Single Tri color	<19	AC200-240V	PF>0.95
BT05-40KN1-KGN1B-001	150CM-40W GS Gentle Kingston Batten	40W	4600LM	115LM/W	Ra>80	Single Tri color	<19	AC200-240V	PF>0.95
BT06-27KN1-KGN1B-001	180CM-27W GS Gentle Kingston Batten	27W	3100LM	115LM/W	Ra>80	Single Tri color	<19	AC200-240V	PF>0.95
BT06-50KN1-KGN1B-001	180CM-50W GS Gentle Kingston Batten	50W	5750LM	115LM/W	Ra>80	Single Tri color	<19	AC200-240V	PF>0.95

US Style : 1-10V Dimming as standard

Order Code	Product Name	Rated Power	Lumen Output	Lumen Efficacy	Color Index	Color	UGR	AC Input	Power Factor
BT02-10KN1-KGV5X-500	60CM-10W ETL Gentle Kingston Batten	10W	1150LM	115LM/W	Ra>80	Single Tri color	<19	AC100-277V	PF>0.95
BT04-22KN1-KGV5X-500	120CM-22W ETL Gentle Kingston Batten	22W	2500LM	115LM/W	Ra>80	Single Tri color	<19	AC100-277V	PF>0.95
BT04-32KN1-KGV5X-500	120CM-32W ETL Gentle Kingston Batten	32W	3650LM	115LM/W	Ra>80	Single Tri color	<19	AC100-277V	PF>0.95
BT05-22KN1-KGV5X-500	150CM-22W ETL Gentle Kingston Batten	22W	2500LM	115LM/W	Ra>80	Single Tri color	<19	AC100-277V	PF>0.95
BT05-32KN1-KGV5X-500	150CM-32W ETL Gentle Kingston Batten	32W	3650LM	115LM/W	Ra>80	Single Tri color	<19	AC100-277V	PF>0.95
BT05-40KN1-KGV5X-500	150CM-40W ETL Gentle Kingston Batten	40W	4600LM	115LM/W	Ra>80	Single Tri color	<19	AC100-277V	PF>0.95
BT06-27KN1-KGV5X-500	180CM-27W ETL Gentle Kingston Batten	27W	3100LM	115LM/W	Ra>80	Single Tri color	<19	AC100-277V	PF>0.95
BT06-50KN1-KGV5X-500	180CM-50W ETL Gentle Kingston Batten	50W	5750LM	115LM/W	Ra>80	Single Tri color	<19	AC100-277V	PF>0.95

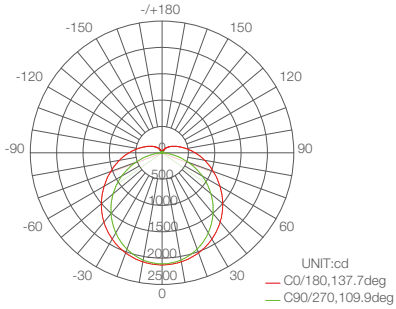
Dimensions



Product Name	A	B	C
2ft / 60cm	600	120	63.5
4ft / 120cm	1200	120	63.5
5ft / 150cm	1500	120	63.5
6ft / 180cm	1800	120	63.5

Unit:mm

Beam Angle



AVERAGE BEAM ANGLE(50%):123.8 DEG

Frosted Kingston Batten

125LM/W GS /ETL /DLC approval

1~10V dimming

5 YR

Tri-color

3000K | 4000K | 5000K

Features

> Durable aluminum casing with end/rear cables entries
> Single installation or linkable
> Perfect replacement for traditional T5/T8 fittings
> Suitable for surface mounting or suspended installation
> 5 years warranty

Applications

> Replacement for normal battens
> Education light : Classrooms
> Office Light : Offices, Conference Rooms
> Commercial Light : Supermarkets, Shopping malls

Options

> Emitting color :
  · Single Color / Tri-Color
> Function:
  · ON-OFF
  · 1-10V dimming
  · DALI Dimming
  · 3H Emergency
> LED Driver
  · Tridonic
  · OSRAM
  · LIFUD
  · BOKE
> Wiring method : Single or double sides
> Installation : Surface mounting or Suspension

Warranty Policy

Warranty for IINNO-Branded Professional LED Luminaires

This document sets out the warranty policy of IINNO from which you purchase your professional lunimaires.

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

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