



LANDSCAPE LIGHTING



www.lighting.co.th



2026 CATALOGUE

Accent | Underwater | Inground
Bollard / Border | Wall Mount | Post Top

TYPE OF LED LUMINAIRE

Product range of L&E LED luminaires are divided into 2 categories.
Each category use different LED light sources.

1. Empty luminaires

It is suitable to use with retrofit lamps as of easy maintenance and installation, but not suitable for some application because its shape or technical term.

The most popular LED light sources for Empty luminaires are as follows:

- **LED-BULB** is suitable for indoor luminaires and some kind of landscape luminaires
- **LED-MR16** is suitable for small indoor luminaires or some kind of landscape luminaires (need compatibility transformer connect to luminaire and LED-MR16)
- **LED-T8**, it become more and more popular to replace T5/T8 fluorescent lamps because low power consumption and low cost as well, but same lumen output as fluorescent lamps. This lamp easy to replace with existing conventional recessed or surface office or industrial luminaires, just replace it (no need to use existing ballast). Anyway, this kind of lamp has different wiring connection. Improper wiring connection may cause problem.

Warning

Please be noted that for the above mentioned lamps, most of them is recommended to use with indoor luminaires except some items indentified that can be used for outdoor applications, but do not recommend to use with totally enclosed luminaires (except some luminaire has enough space for adequate heat dissipation)



2. Completed set luminaires

Driver : Separated or integrated depend on each luminaire structure and usage.
The LED light source for completed set luminaires are divided by 2 categories.

- **LED-Module**, it has various shape such as square, circular, rectangular, etc. Moreover, size and shape can be made according to luminaire's supplier. Therefore, luminaire's supplier will design their own designed luminaire in various shape to suit all kind of lighting applications.
- **LED-COB**, it is small size light source, but very powerful so that can be used with small luminaire, but provide high lumen output.



Both of LED-Module and LED-COB can be combined with reflector or lens in order to get different light distribution such as narrow light distribution, asymmetrical light distribution, street lighting distribution, etc.

CRITERIA OF LUMINAIRES

IP code

IEC 60529 : Degrees of protection provided by enclosures

The first number : Degree of protected against Solid foreign objects

-  0 No protection
-  1 Protected against solid foreign objects of 50 mm Ø and greater.
-  2 Protected against solid foreign objects of 12.5 mm Ø and greater.
-  3 Protected against solid foreign objects of 2.5 mm Ø and greater.
-  4 Protected against solid foreign objects of 1.0 mm Ø and greater.
-  5 Dust-protected
-  6 Dust-tight

The second number : Degree of protected against water

-  0 No protection
-  1 Protected against vertically falling water drops.
-  2 Protected against vertically falling water drops when enclosure tilted up to 15°.
-  3 Protected against spraying water at angle up to 60°.
-  4 Protected against splashing water from any direction.
-  5 Protected against water jets from any direction.
-  6 Protected against powerful water jets from any direction.
-  7 Protected against the effects of temporary immersion in water.
-  8 Protected against the effects of continuous immersion in water.



Protection against electric shock

IEC 60598-1 : Classification according to type of protection against electric shock.

-  Class I
Luminaires provided with basic insulation and ground wire connection.
-  Class II
Luminaires provided with double or reinforced insulation, no provision for ground wire connection.
-  Class III
Luminaires suitable for safety extra-low voltage (SELV) power supply (not exceed 50 VAC or 120 VDC).

* Protection against electric shock is also known as luminaires class/ protection class/insulation class.

Correlated Color Temperature (CCT)

ANSI C78.377-2017 : Chromaticity specifications for solid state lighting products (LED products).

Nominal CCT Category (K)	CCT Range (K)
2200	2238 ± 102
2500	2460 ± 120
2700	2725 ± 145
3000	3045 ± 175
3500	3465 ± 245
4000	3985 ± 275
4500	4503 ± 243
5000	5029 ± 283
5700	5667 ± 355
6500	6532 ± 510

* CCT Range is "Target CCT and Tolerance (K)".

IK code

IEC 62262 : Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts.

- IK00 There is no protection.
- IK01 Protected against 0.14 joules of impact (equivalent to the impact of a 0.25kg mass dropped from 56mm above the impacted surface)
- IK02 Protected against 0.2 joules of impact (equivalent to the impact of a 0.25kg mass dropped from 80mm above the impacted surface)
- IK03 Protected against 0.35 joules of impact (equivalent to the impact of a 0.25kg mass dropped from 140mm above the impacted surface)
- IK04 Protected against 0.5 joules of impact (equivalent to the impact of a 0.25kg mass dropped from 200mm above the impacted surface)
- IK05 Protected against 0.7 joules of impact (equivalent to the impact of a 0.25kg mass dropped from 280mm above the impacted surface)
- IK06 Protected against 1 joules of impact (equivalent to the impact of a 0.25kg mass dropped from 400mm above the impacted surface)
- IK07 Protected against 2 joules of impact (equivalent to the impact of a 0.5kg mass dropped from 400mm above the impacted surface)
- IK08 Protected against 5 joules of impact (equivalent to the impact of a 1.7kg mass dropped from 300mm above the impacted surface)
- IK09 Protected against 10 joules of impact (equivalent to the impact of a 5kg mass dropped from 200mm above the impacted surface)
- IK10 Protected against 20 joules of impact (equivalent to the impact of a 5kg mass dropped from 400mm above the impacted surface)

LED Lifetime

The lifetime of a LED (LED chip, LED module, LED COB) is defined as the time it takes until its light output, or lumen maintenance reach 70% of the initial output (L70).

Lamp Lifetime

Lamp (Retrofit lamp) lifetime is not the same meaning of LED lifetime, because of there are many other components that are used included driver, optic, mechanical fixing and housing.

Then, the lifetime of lamp (Retrofit lamp) is determined by considering "Time to 70% lumen maintenance of lamp (Retrofit lamp)" and "Lifetime of components".

Luminaire Lifetime

Luminaire lifetime is not the same meaning of LED lifetime, because of there are many other components that are used included driver, optic, mechanical fixing and housing.

Then, the lifetime of luminaire is determined by considering "Time to 70% lumen maintenance of luminaire" and "Lifetime of components".

LED Output

It is the luminous flux come out from LED (LED module, LED COB) in every direction and gather in total in term of lumen. Normally, this value is specified by LED Manufacturer.

Lamp Output

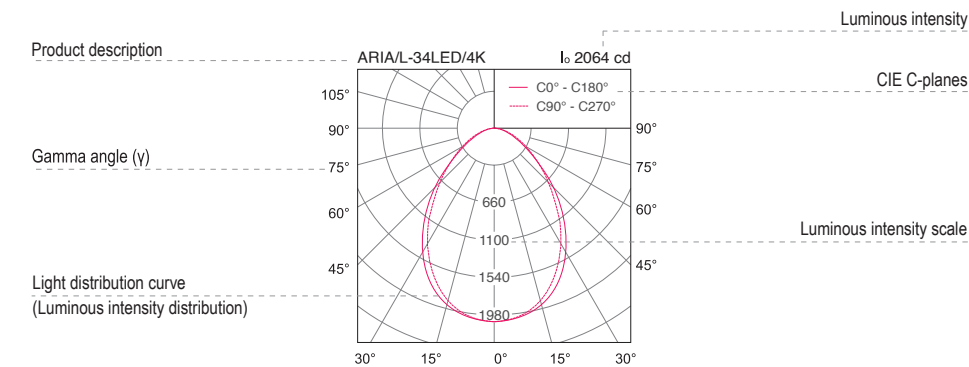
It is the luminous flux come out from lamp (Retrofit lamp) in every direction and gather in total in term of lumen.

Luminaire Output

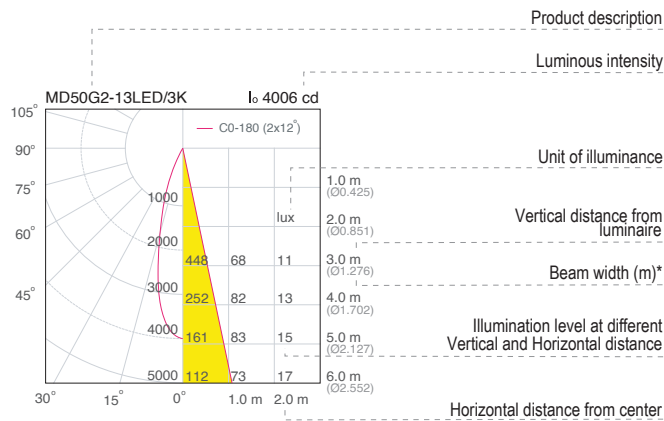
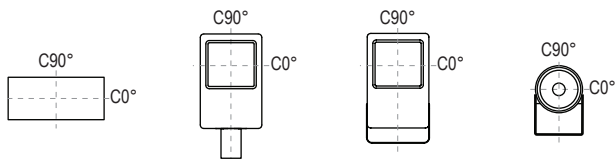
It is the luminous flux come out from luminaire in every direction and gather in total in term of lumen.

Normally, it is not equal to Lamp Output caused of there are many factor when fit lamp (Retrofit lamp) in luminaire, such as reflector, lens, housing, etc. These parts will effect or distort lumen output from lamp (Retrofit lamp).

Photometric data



Remark : Relative position of luminaire to the co-ordinate system.



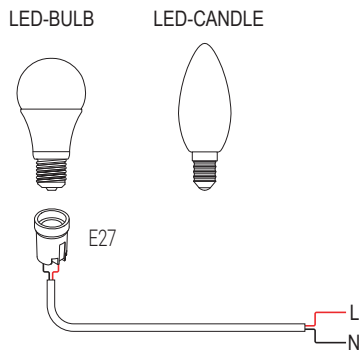
Remark : Beam width (m) is diameter of beam angle at different vertical distance.

Particular symbol

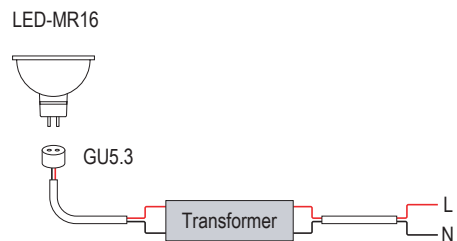
- Ceiling or wall, cutout for round recessed luminaire
- Ceiling or wall, cutout for square recessed luminaire
- Vertical adjustment from 0° to 30°
- Horizontal adjustment from 0° to 358°
- Two axis adjustment from 0° to 30°

WIRING Diagram

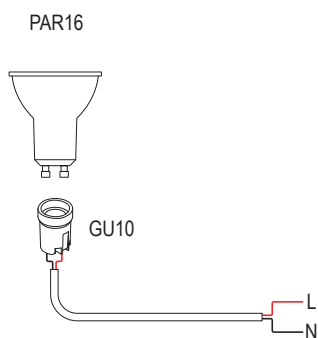
LED-BULB



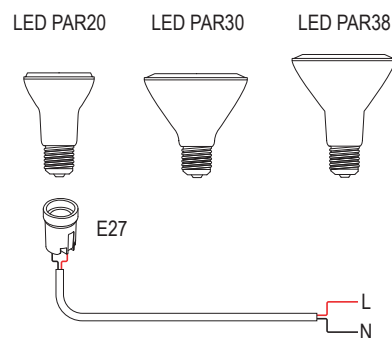
LED-MR16



LED PAR16



LED PAR20/30/38

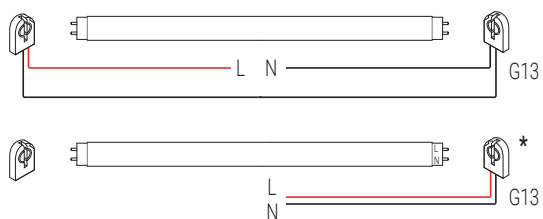


LED-T8

LED-T8 Double ended



LED-T8 Single ended



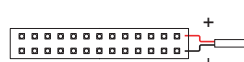
* Please make sure to put the lamp on the right side (L, N)

Remark

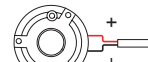
In Thailand the power system is 220V, 50Hz for other countries may difference.

LED-MODULE/LED-COB

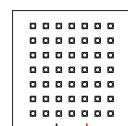
LINEAR MODULE



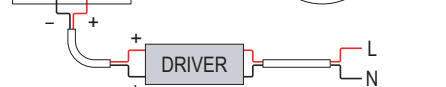
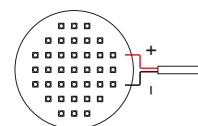
LED-COB



SQUARE MODULE



CIRCLE MODULE



GUIDE TO CATALOGUE

1. Product category

2. Product model

3. Brand name

4. Product information

LED Accent

TIS GSL201

Application

Accent Luminaire is designed for a wide variety of architectural and landscape applications to accent or highlight specific architectural and landscape features, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	82x140x175 mm.
Mounting	Ground spike
Power	5W
Light Source	LED-COB
Colour Temperature	3000/4000K
Luminaire Output	360 lm
Beam Angle	12/24/36 degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Insulation Class	I
IP Rating	66
Luminaire Lifetime	30,000 hrs.
Equivalent	MR16 50W

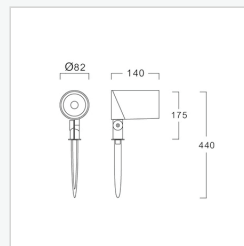
Ordering Data

Model	Watt
GSL201/BK-5LED	5W

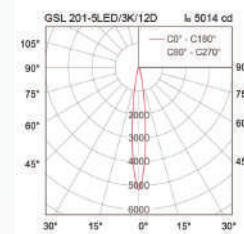
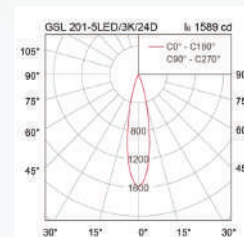
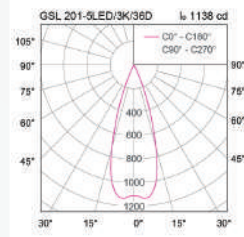
6. Typical
Product description

7. Total input power.
Or retrofit lamp power in case of empty luminaire

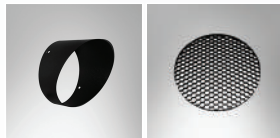
L&E



5. Dimension
in mm.



Accessories



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9. Related products :
Accessories for this product.

8. Photometric data
(IES file is available)

GUIDE TO ORDER

Page no.	Typical product description				Additional product description		
	Model	Model's detail	Power	Lamp type	Color Temperature	Light Distribution	Other
18	RUL201	/SL	-XX	LED	/XXK	/XXD	-XXX
46	BLL102	/BK	-XX	LED	/XXK	-	Specified by
116	PTL207	/GY	-XX	LED	/XXK	-	Company

The above samples identify " Typical product description " only

Full of product description comprised of "Typical product description "+ Additional product description

Underwater/Inground

If customer would like to order luminaire model **RUL201 with stainless steel housing (silver color), 15W, LED, 2700K and 40 degree beam angle**

The full name is " **RUL201/SL-15LED/2.7K/40D-XXXX** "



RUL201



SUL201



SUL275



INL604

Bollard/Wall Mount

The luminaires have various of power, color temperature (CCT) and light distribution in case customer would like to order

model **BLL102 with black color housing, 17W, LED and 3000K**

The full name is " **BLL102/BK-17LED/3K-XXXX** "



BLL102



BLL230



WLL352



WLL153

Post Top

The luminaires have various of power, color temperature (CCT) and light distribution in case customer would like to order

model **PTL207 with grey color housing, 35W, LED and 3000K**

The full name is " **PTL207/GY-35LED/3K-XXXX** "



PTL200



PTL904



PTL207



PTL720/SH

CONTENT

Landscape Lighting

Accent

Accent Luminaires 1-12

Underwater / Inground

Underwater Luminaires 13-21

Inground Luminaires 22-38

Border / Bollard / Wall Mount / Post Top

Border Luminaires 39-40

Bollard Luminaires 41-60

Wall Mount Luminaires 61-111

Post Top Luminaires 112-126

Solar Post Top 127





Landscape Lighting

Accent

Outdoor Lighting (Accent/Underwater)

Accent Luminaires



GDS100 (6W)



GDS101 (6W)



GDS103 (7W)



GDS104 (7W)



GDS211/B (13W)



GDS211/S (13W)



GSL201 (5W)



GSL211 (14W)



GSL221 (30W)



GSL130 (4W)



GSL131 (8W)



GSL132 (12W)



GSL601 (5W)



GSL611 (16W)



GSL621 (32W)

Underwater Luminaires



SUL011 (4W)



SUB015 (5W)



SUW015 (5W)



SUL200 (6W)



SUL201 (10W)



RUL201 (15W)



RUL202 (21W)



SUL275 (9W)



SUL280 (16W)

 GDS100
Application

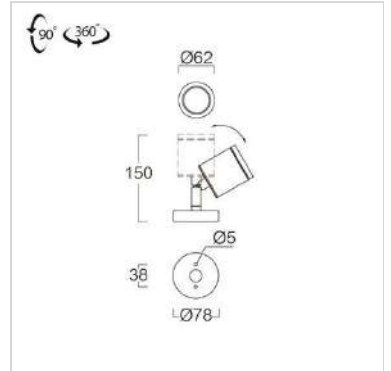
Accent Luminaire is designed for a wide variety of architectural and landscape applications to accent or highlight specific architectural and landscape features, etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened safety glass
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	62x78x150 mm.
Mounting	Ground spike
Power	6W
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	3000K (2700/4000/6500K as optional)
CRI	80
Lamp Output	550 lm
Control Gear	Separate transformer
Power Supply	12V AC/DC
Insulation Class	III
IP Rating	55
Lamp Lifetime	15,000 hrs.

Ordering Data

Model	Watt
GDS100/BK-XXLED-GX5.3	MAX.6W


 GDS101
Application

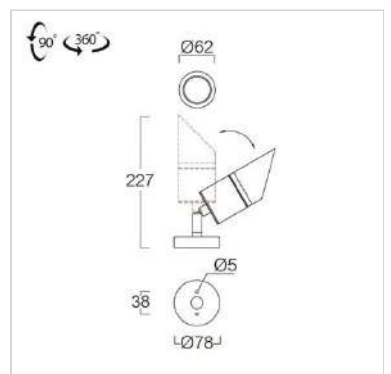
Accent Luminaire is designed for a wide variety of architectural and landscape applications to accent or highlight specific architectural and landscape features, etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened safety glass
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	62x78x239 mm.
Mounting	Ground spike
Power	6W
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	3000K (2700/4000/6500K as optional)
CRI	80
Lamp Output	550 lm
Control Gear	Separate transformer
Power Supply	12V AC/DC
Insulation Class	III
IP Rating	55
Lamp Lifetime	15,000 hrs.

Ordering Data

Model	Watt
GDS101-XXLED-GX5.3	MAX.6W



 GDS103
Application

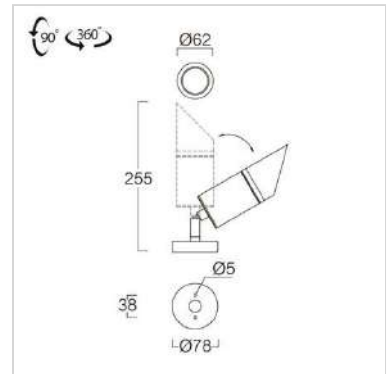
Accent Luminaire is designed for a wide variety of architectural and landscape applications to accent or highlight specific architectural and landscape features, etc.

Specification

Housing	Die cast aluminium
Front Cover	Clear toughened safety glass
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	62x78x255 mm.
Mounting	Ground spike
Power	7W
Light Source	LED-PAR16
Lamp Holder	GU10
Colour Temperature	3000K (4000K as optional)
CRI	80
Lamp Output	620 lm
Power Supply	220VAC, 50Hz
Insulation Class	I
IP Rating	55
Lamp Lifetime	15,000 hrs.

Ordering Data

Model	Watt
GDS103/BK-XXLED-GU10	MAX.7W


 GDS104
Application

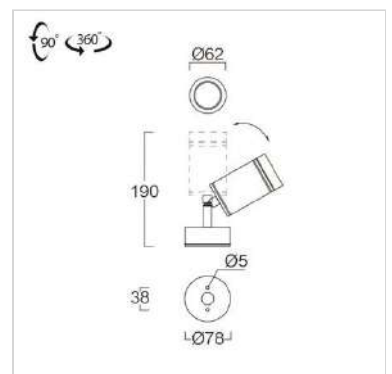
Accent Luminaire is designed for a wide variety of architectural and landscape applications to accent or highlight specific architectural and landscape features, etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened safety glass
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	62x78x190 mm.
Mounting	Ground spike
Power	7W
Light Source	LED-PAR16
Lamp Holder	GU10
Colour Temperature	3000K (4000K as optional)
CRI	80
Lamp Output	620 lm
Power Supply	220VAC, 50Hz
Insulation Class	I
IP Rating	55
Lamp Lifetime	15,000 hrs.

Ordering Data

Model	Watt
GDS104/BK-XXLED-GU10	MAX.7W



 GDS211/B
Application

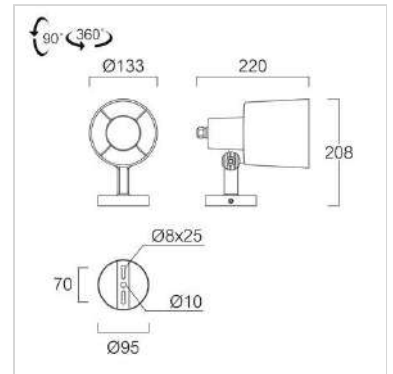
Accent Luminaire is designed for a wide variety of architectural and landscape applications to accent or highlight specific architectural and landscape features, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Louver	Mesh aluminium
Gasket	Silicone rubber
Dimension	133x220x208 mm.
Mounting	Surface
Power	13W
Light Source	LED-PAR38
Lamp Holder	E27
Colour Temperature	3000K (6500K as optional)
CRI	80
Lamp Output	1300 lm
Power Supply	220VAC, 50Hz
Insulation Class	I
IP Rating	54
Lamp Lifetime	25,000 hrs.

Ordering Data

Model	Watt
GDS211/B-XXLED-E27	MAX. 13W


 GDS211/S
Application

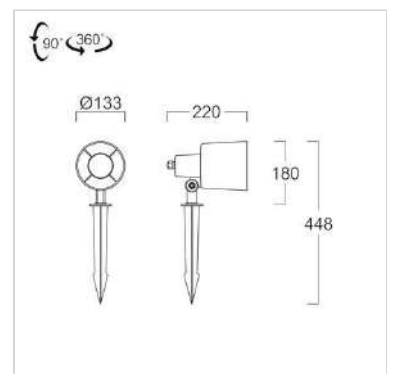
Accent Luminaire is designed for a wide variety of architectural and landscape applications to accent or highlight specific architectural and landscape features, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Louver	Mesh aluminium
Gasket	Silicone rubber
Dimension	133x210x448 mm.
Mounting	Ground spike
Power	13W
Light Source	LED-PAR38
Lamp Holder	E27
Colour Temperature	3000K (6500K as optional)
CRI	80
Lamp Output	1300 lm
Power Supply	220VAC, 50Hz
Insulation Class	I
IP Rating	54
Lamp Lifetime	25,000 hrs.

Ordering Data

Model	Watt
GDS211/S-XXLED-E27	MAX. 13W





Application

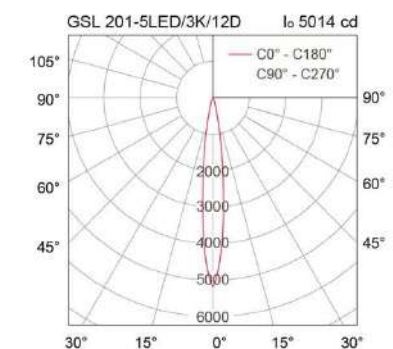
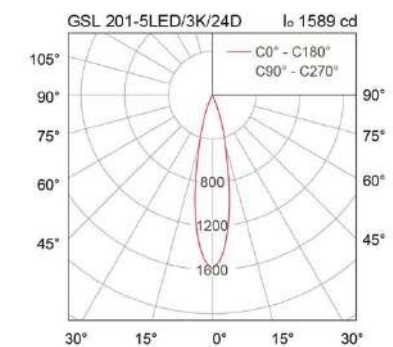
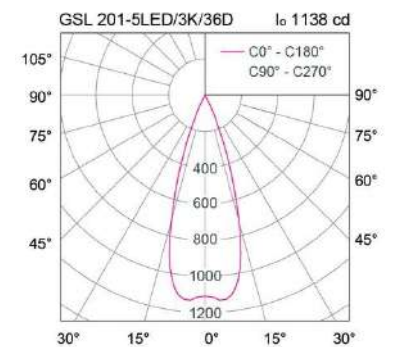
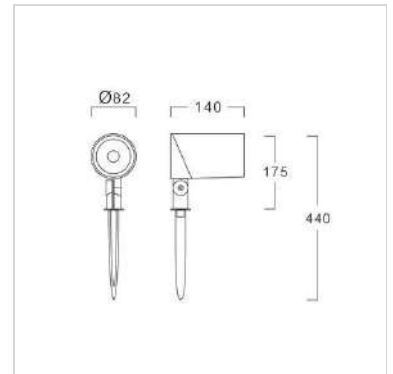
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Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in black
Lens	Polycarbonate
Gasket	Silicone rubber
Dimension	82x140x175 mm.
Mounting	Ground spike
Power	5W
Light Source	LED-COB
Colour Temperature	3000K (4000/5700K as optional)
CRI	80
Luminaire Output	360 lm
Beam Angle	12/24/36 degree
Control Gear	220-240VAC : Built-in driver 24VDC : Separate switching power supply
Power Supply	220-240VAC, 50Hz 24VDC
Power Factor	>0.35
Insulation Class	220-240VAC : Class I 24VDC : Class III
IP Rating	66
Luminaire Lifetime	30,000 hrs.

Ordering Data

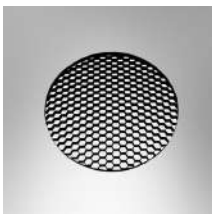
Model	Watt
GSL201/BK-5LED	5W
GSL201/BK-5LED/24VDC	5W



Accessories



Glare shield



Honey comb

GSL211

Application

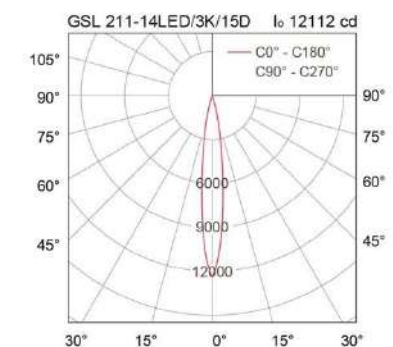
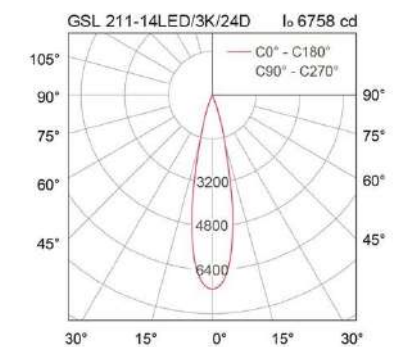
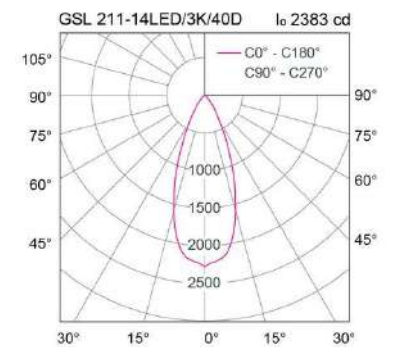
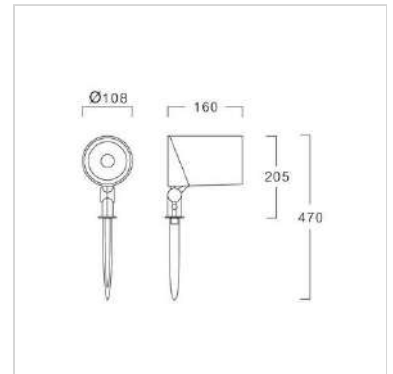
Accent Luminaire is designed for a wide variety of architectural and landscape applications to accent or highlight specific architectural and landscape features, etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in black
Lens	Polycarbonate
Gasket	Silicone rubber
Dimension	108x160x205 mm.
Mounting	Ground spike
Power	14W
Light Source	LED-COB
Colour Temperature	3000K (4000/5700K as optional)
CRI	80
Luminaire Output	1190 lm
Beam Angle	15/24/40 degree
Control Gear	220-240VAC : Built-in driver 24VDC : Separate switching power supply
Control	DALI-2 DT6 (optional)
Power Supply	220-240VAC, 50Hz 24VDC
Power Factor	>0.9
Insulation Class	220-240VAC : Class I 24VDC : Class III
IP Rating	66
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
GSL211/BK-14LED	14W
GSL211/BK-14LED/24VDC	14W



Accessories



Glare shield



Honey comb

GSL221

Application

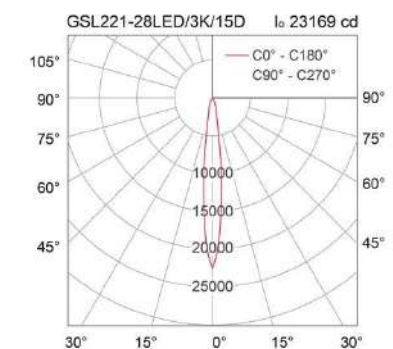
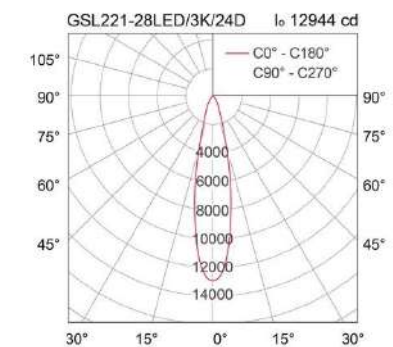
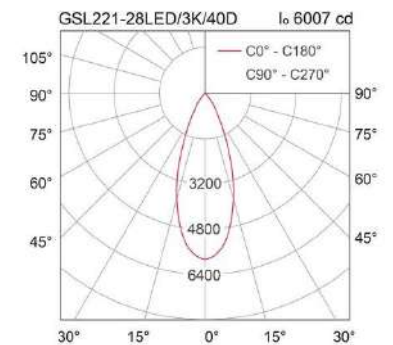
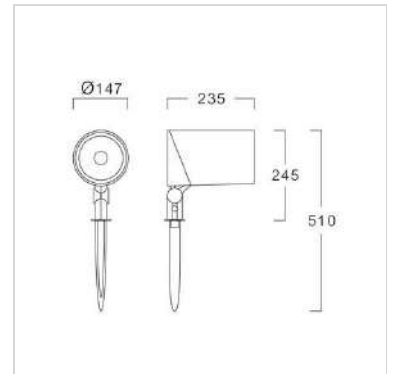
Accent Luminaire is designed for a wide variety of architectural and landscape applications to accent or highlight specific architectural and landscape features, etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in black
Reflector	Anodized aluminium
Lens	Polycarbonate
Gasket	Silicone rubber
Dimension	147x235x245 mm.
Mounting	Ground spike
Power	28W
Light Source	LED-COB
Colour Temperature	3000K (4000/5700K as optional)
CRI	80
Luminaire Output	3000 lm
Beam Angle	15/24/40 degree
Control Gear	220-240VAC : Built-in driver 24VDC : Separate switching power supply
Control	DIM 0-10/1-10V, DALI-2 DT6 (optional)
Power Supply	220-240VAC, 50Hz 24VDC
Power Factor	>0.95
Insulation Class	220-240VAC : Class I 24VDC : Class III
IP Rating	66
Luminaire Lifetime	50,000 hrs.

Ordering Data

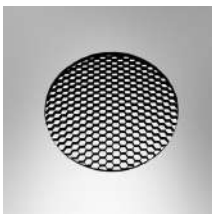
Model	Watt
GSL221/BK-28LED	28W
GSL221/BK-28LED/24VDC	28W



Accessories



Glare shield



Honey comb

GSL130

Application

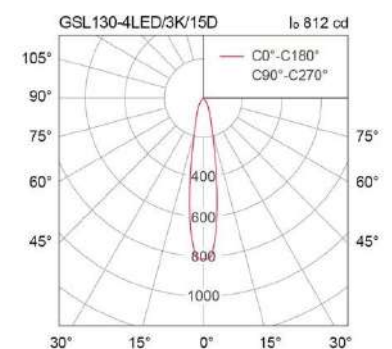
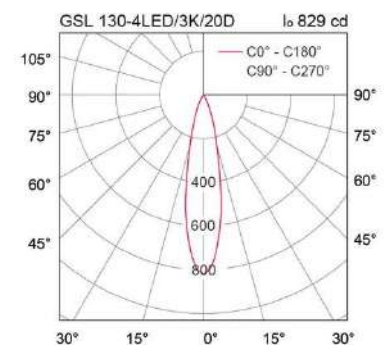
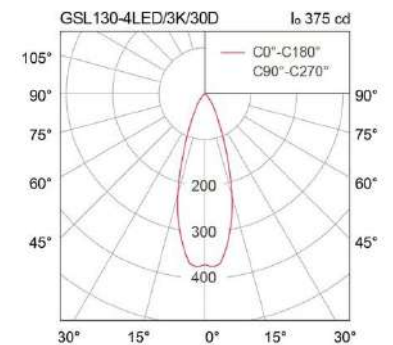
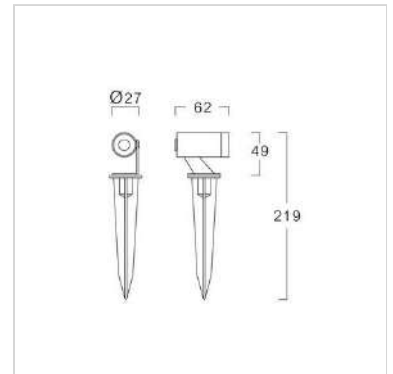
Accent Luminaire is designed for a wide variety of architectural and landscape applications to accent or highlight specific architectural and landscape features, etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	27x62x49 mm.
Mounting	Ground spike
Power	4W
Light Source	LED-COB
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	180 lm
Beam Angle	15/20/30 degree
Control Gear	Separate switching power supply
Power Supply	24VDC
Insulation Class	III
IP Rating	66
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
GSL130/BK-4LED	4W



Accessories



Tree strap

GSL131

Application

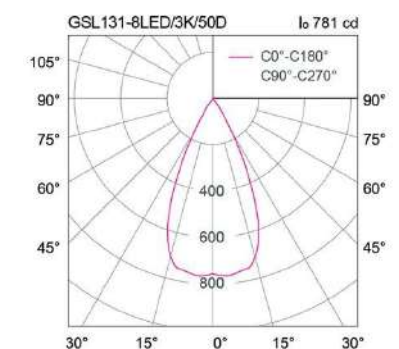
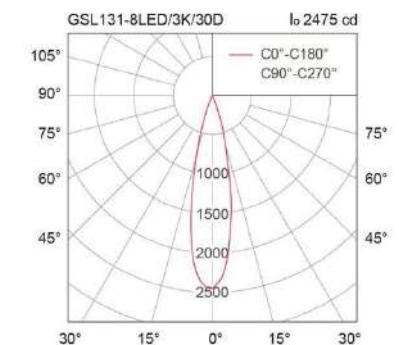
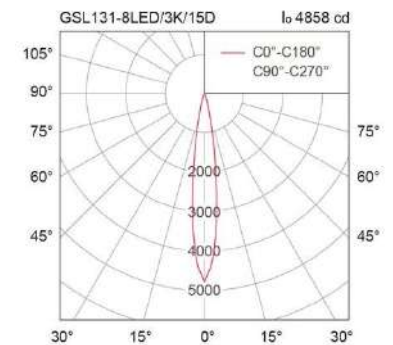
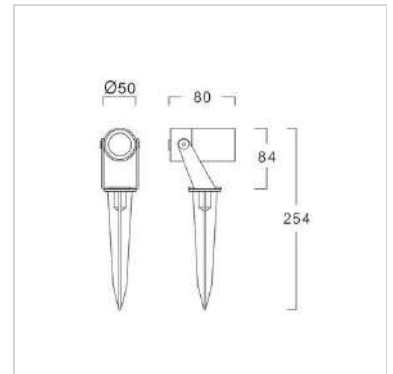
Accent Luminaire is designed for a wide variety of architectural and landscape applications to accent or highlight specific architectural and landscape features, etc.

Specification

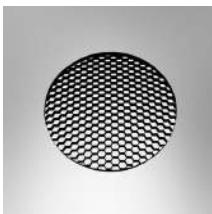
Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	50x80x84 mm.
Mounting	Ground spike
Power	8W
Light Source	LED-COB
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	560 lm
Beam Angle	15/30/50 degree
Control Gear	Separate switching power supply
Power Supply	24VDC
Insulation Class	III
IP Rating	66
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
GSL131/BK-8LED	8W



Accessories



Honey comb



Tree strap

GSL132

Application

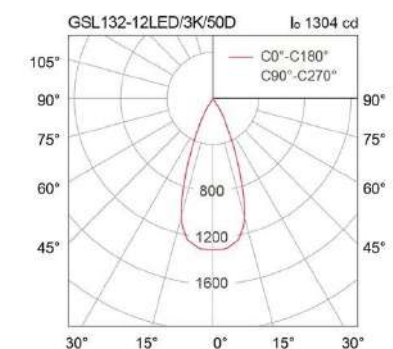
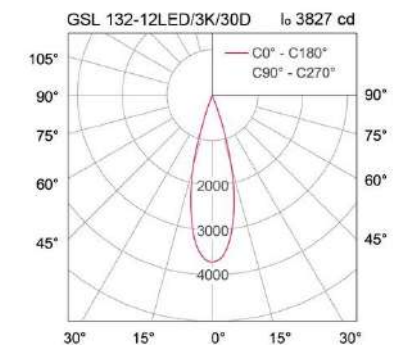
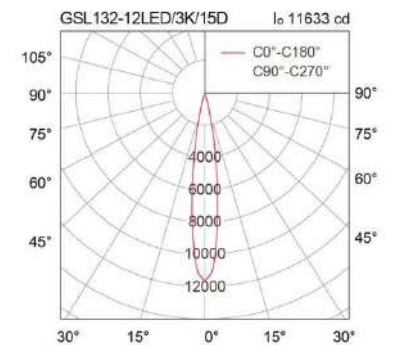
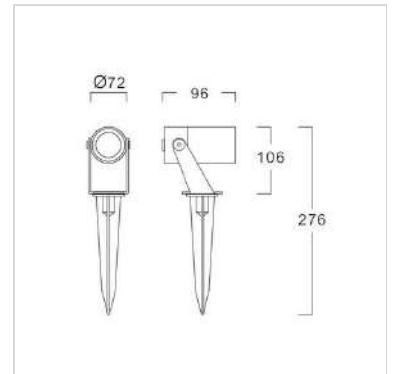
Accent Luminaire is designed for a wide variety of architectural and landscape applications to accent or highlight specific architectural and landscape features, etc.

Specification

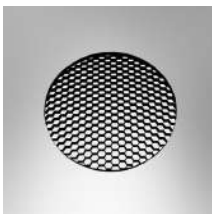
Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	72x96x106 mm.
Mounting	Ground spike
Power	12W
Light Source	LED-COB
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	1100 lm
Beam Angle	15/30/50 degree
Control Gear	Separate switching power supply
Power Supply	24VDC
Insulation Class	III
IP Rating	66
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
GSL132/BK-12LED	12W



Accessories



Honey comb



Tree strap

 GSL601
Application

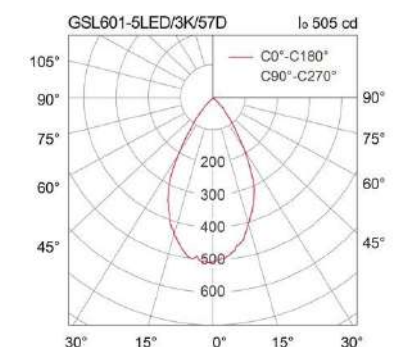
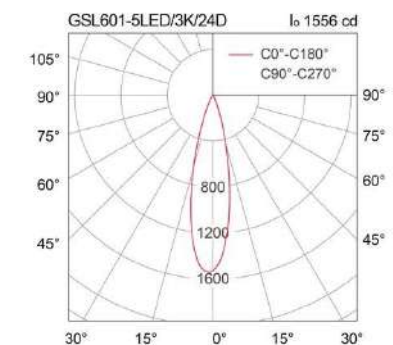
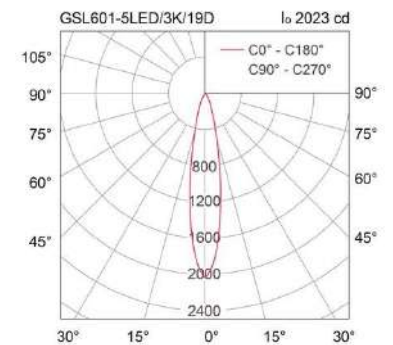
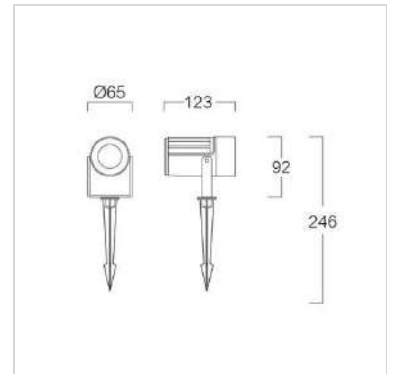
Accent Luminaire is designed for a wide variety of architectural and landscape applications to accent or highlight specific architectural and landscape features, etc.

Specification

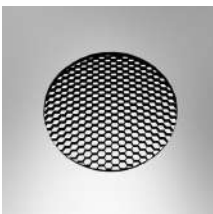
Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in black
Lens	Polycarbonate
Gasket	Silicone rubber
Dimension	72x123x92 mm.
Mounting	Ground spike
Power	5W
Light Source	LED-COB
Colour Temperature	3000K (4000/5700K as optional)
CRI	90
Luminaire Output	345 lm
Beam Angle	19/24/57 degree
Control Gear	220-240VAC : Built-in driver 24VDC : Separate switching power supply
Control	DIM 0-10V (optional)
Power Supply	220-240VAC, 50Hz 24VDC
Power Factor	>0.5
Insulation Class	220-240VAC : Class I 24VDC : Class III
IP Rating	66
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
GSL601/BK-5LED	5W
GSL601/BK-5LED/24VDC	5W

**Accessories**

Glare shield



Honey comb

**Application**

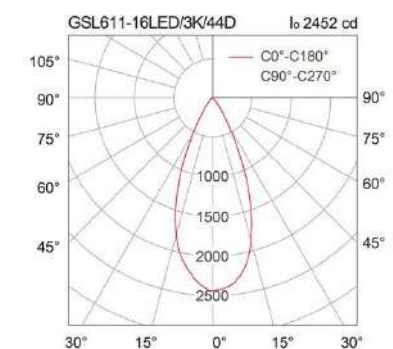
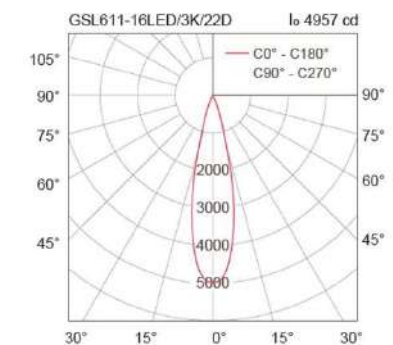
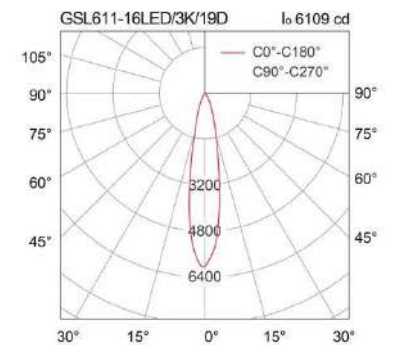
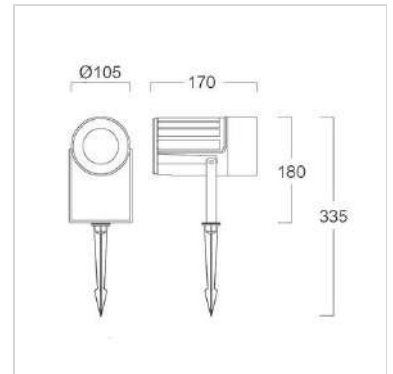
Accent Luminaire is designed for a wide variety of architectural and landscape applications to accent or highlight specific architectural and landscape features, etc.

Specification

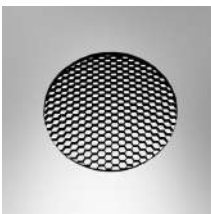
Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in black
Lens	Polycarbonate
Gasket	Silicone rubber
Dimension	105x170x335 mm.
Mounting	Ground spike
Power	16W
Light Source	LED-COB
Colour Temperature	3000K (4000/5700K as optional)
CRI	90
Luminaire Output	960 lm
Beam Angle	19/22/44 degree
Control Gear	220-240VAC : Built-in driver 24VDC : Separate switching power supply
Control	DIM 0-10V (optional)
Power Supply	220-240VAC, 50Hz 24VDC
Power Factor	>0.5
Insulation Class	220-240VAC : Class I 24VDC : Class III
IP Rating	66
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
GSL611/BK-16LED	16W
GSL611/BK-16LED/24VDC	16W

**Accessories**

Glare shield



Honey comb



Application

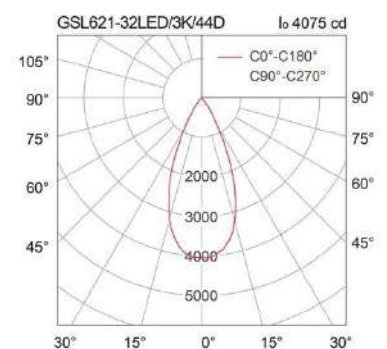
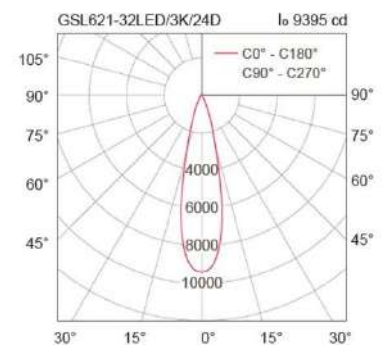
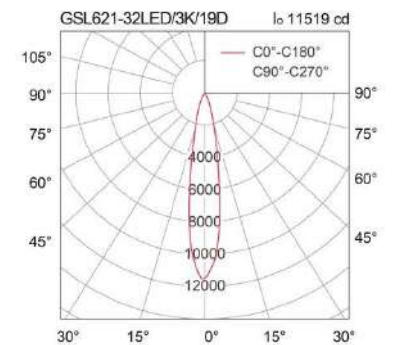
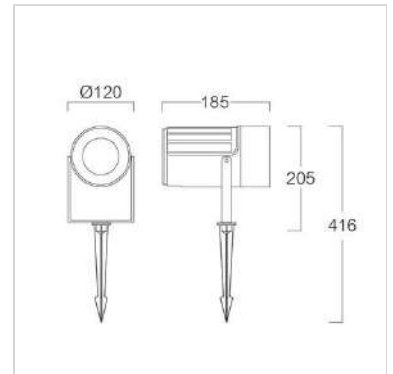
Accent Luminaire is designed for a wide variety of architectural and landscape applications to accent or highlight specific architectural and landscape features, etc.

Specification

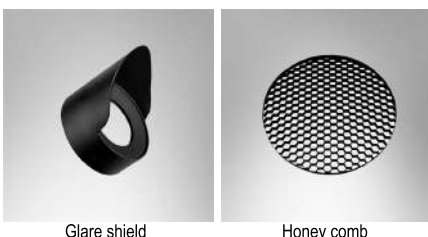
Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in black
Lens	Polycarbonate
Gasket	Silicone rubber
Dimension	120x185x416 mm.
Mounting	Ground spike
Power	32W
Light Source	LED-COB
Colour Temperature	3000K (4000/5700K as optional)
CRI	90
Luminaire Output	2050 lm
Beam Angle	19/24/44 degree
Control Gear	220-240VAC : Built-in driver 24VDC : Separate switching power supply
Control	DIM 0-10V (optional)
Power Supply	220-240VAC, 50Hz 24VDC
Power Factor	>0.95
Insulation Class	220-240VAC : Class I 24VDC : Class III
IP Rating	66
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
GSL621/BK-32LED	32W
GSL621/BK-32LED/24VDC	32W



Accessories



Glare shield

Honey comb



Landscape Lighting

Underwater / Inground

Outdoor Lighting (Inground)

Inground Luminaires



ING167 (6W)



ING167 (7W)



INL310 (6W)



INL311 (12W)



INL312 (25W)



INL300 (7W)



INL301 (9W)



INL302 (12W)



INL120 (1W)



INL121 (1W)



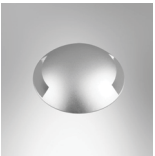
INL130 (3W)



INL131 (3W)



INL501 (3W)



INL502 (3W)



INL503 (3W)



INL601 (5W)



INL602 (7W)



INL604 (7W)

 SUL011
Application

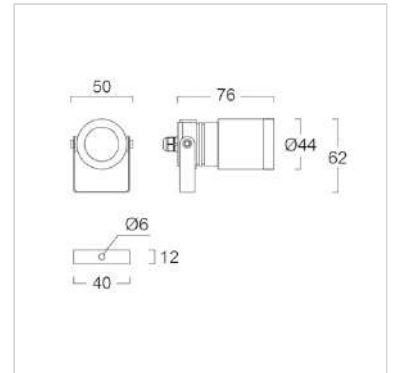
Underwater is designed to illuminate aquariums, water falls, swimming pools, fountains, etc.

Specification

Housing	Grade 304 stainless steel
Front Cover	Clear toughened glass
Finishing	Matt finished
Lens	Polycarbonate
Gasket	Silicone rubber
Cable Entry	Nickel brass cable gland
Power Cord	VCT 2x0.3 sq.mm., 5 meters
Dimension	50x76x62 mm.
Mounting	Surface
Power	4W
Light Source	LED Module
Colour Temperature	3000K (2700/4000K as optional)
CRI	80
Lamp Output	310 lm
Beam Angle	20/50 degree
Control Gear	Separate switching power supply
Control	DIM 0-10V (optional)
Power Supply	24VDC
Insulation Class	III
IP Rating	68 (Submersion depth 2 m.)
Luminaire Lifetime	50,000 hrs

Ordering Data

Model	Watt
SUL011/SL-4LED/24VDC	4W



LED Underwater



SUB015/LED

Application

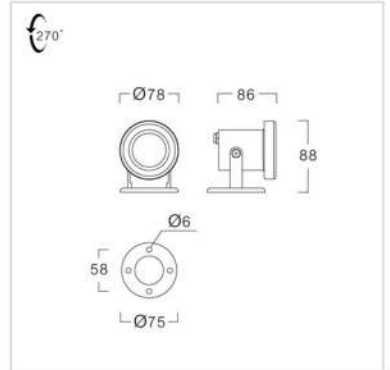
Underwater is designed to illuminate aquariums, water falls, swimming pools, fountains, etc.

Specification

Housing	Grade 316 stainless steel
Front Cover	Clear toughened glass
Finishing	Matt finished
Gasket	Silicone rubber
Cable Entry	Nickel brass cable gland
Power Cord	VCT 2x0.75 sq.mm., 5 meters
Dimension	78x86x88 mm.
Mounting	Surface
Power	LED-MR16 : 6W LED Module : 5W
Light Source	LED-MR16 / LED Module
Colour Temperature	3000K (2700/4000K as optional)
CRI	80
Lamp Output	LED-MR16 : 550 lm LED Module : 440 lm
Beam Angle	LED-MR16 : 36 degree LED Module : 36 degree
Control Gear	LED-MR16 : Separate tranformer LED Module : Separate driver
Control	LED Module : DIM 0-10V, DALI-2 DT6 (optional)
Power Supply	LED-MR16 : 12V AC/DC LED Module : 18VDC, 0.25A
Insulation Class	III
IP Rating	68 (Submersion depth 2 m.)
Lamp Lifetime	LED-MR16 : 15,000 hrs. LED Module : 25,000 hrs.

Ordering Data

Model	Watt
SUB015/SL-XXLED-MR16	MAX.6W
SUB015/SL-5LED	5W



LED Underwater



SUW015/LED

Application

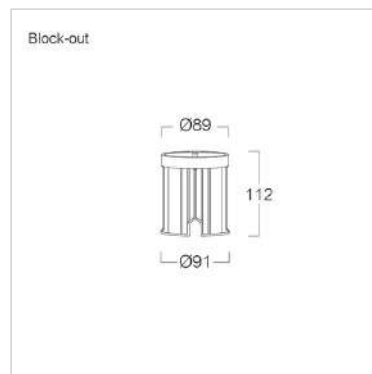
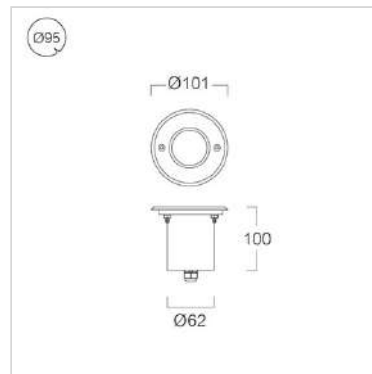
Underwater is designed to illuminate aquariums, water falls, swimming pools, fountains, etc.

Specification

Housing	Grade 316 stainless steel
Front Cover	Clear toughened glass
Finishing	Matt finished
Gasket	Silicone rubber
Cable Entry	Nickel brass cable gland
Power Cord	VCT 2x0.75 sq.mm., 5 meters
Dimension	Housing : Dia.101x100 mm. Blockout : Dia.91x112 mm.
Cut Out	Dia.95 mm.
Mounting	Recessed in blockout made of polypropylene
Power	LED-MR16 : 6W LED Module : 5W
Light Source	LED-MR16 / LED Module
Colour Temperature	3000K (2700/4000K as optional)
CRI	80
Lamp Output	LED-MR16 : 550 lm LED Module : 440 lm
Beam Angle	LED-MR16 : 36 degree LED Module : 36 degree
Control Gear	LED-MR16 : Separate transformer LED Module : Separate driver
Control	LED Module : DIM 0-10V, DALI-2 DT6 (optional)
Power Supply	LED-MR16 : 12V AC/DC LED Module : 18VDC, 0.25A
Insulation Class	III
IP Rating	68 (Submersion depth 2 m.)
Lamp Lifetime	LED-MR16 : 15,000 hrs.
Luminaire Lifetime	LED Module : 25,000 hrs.

Ordering Data

Model	Watt
SUW015/SL-XXLED-MR16	MAX.6W
SUW015/SL-5LED	5W



SUL200

Application

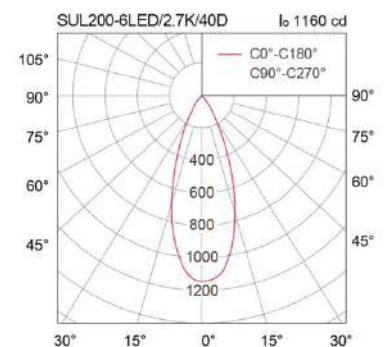
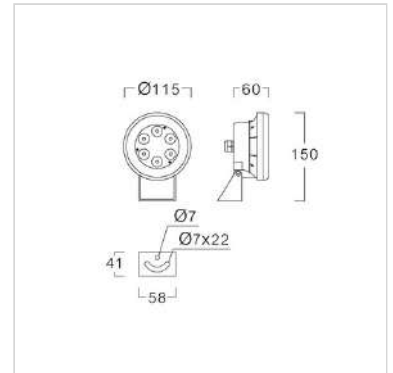
Underwater is designed to illuminate aquariums, water falls, swimming pools, fountains, etc.

Specification

Housing	Grade 316 stainless steel
Front Cover	Clear toughened glass
Finishing	Matt finished
Lens	Polycarbonate
Gasket	Silicone rubber
Cable Entry	M12 nickel brass cable gland
Power Cord	VCT 2x1.0 sq.mm., 5 meters
Dimension	115x60x150 mm.
Mounting	Surface
Power	6W
Light Source	LED Module
Colour Temperature	3000K (2700/4000K as optional)
CRI	80
Luminaire Output	480 lm
Beam Angle	10/40 degree
Control Gear	Separate switching power supply
Control	DIM 0-10V (optional)
Power Supply	24VDC
Insulation Class	III
IP Rating	68 (Submersion depth 2 m.)
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
SUL200/SL-6LED/24VDC	6W



LED Underwater



SUL201

Application

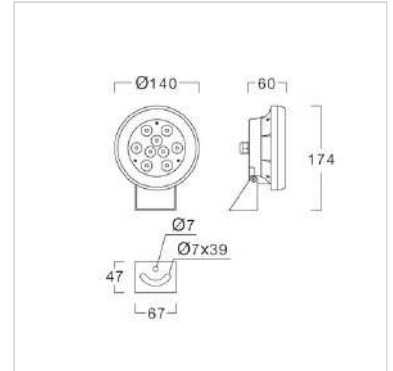
Underwater is designed to illuminate aquariums, water falls, swimming pools, fountains, etc.

Specification

Housing	Grade 316 stainless steel
Front Cover	Clear toughened glass
Finishing	Matt finished
Lens	Polycarbonate
Gasket	Silicone rubber
Cable Entry	M12 nickel brass cable gland
Power Cord	VCT 2x1.0 sq.mm., 5 meters
Dimension	140x60x174 mm.
Mounting	Surface
Power	10W
Light Source	LED Module
Colour Temperature	3000K (2700/4000K as optional)
CRI	80
Luminaire Output	800 lm
Beam Angle	10/40 degree
Control Gear	Separate switching power supply
Control	DIM 0-10V (optional)
Power Supply	24VDC
Insulation Class	III
IP Rating	68 (Submersion depth 2 m.)
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
SUL201/SL-10LED/24VDC	10W



LED Underwater



RUL201

Application

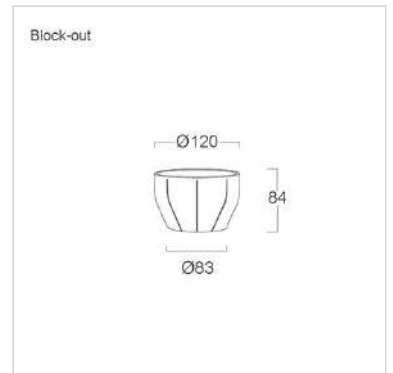
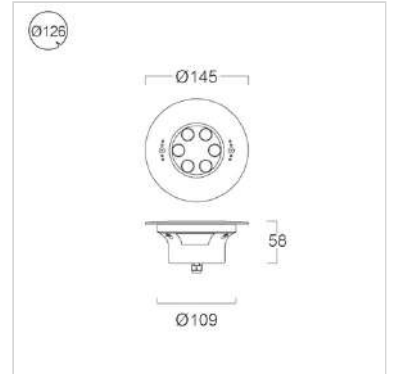
Underwater is designed to illuminate aquariums, water falls, swimming pools, fountains, etc.

Specification

Housing	Grade 316 stainless steel
Front Cover	Clear toughened glass
Finishing	Matt finished
Lens	Polycarbonate
Gasket	Silicone rubber
Cable Entry	M12 nickel brass cable gland
Power Cord	VCT 2x1.0 sq.mm., 5 meters
Dimension	Housing : Dia.145x58 mm. Blockout : Dia.120x84 mm.
Cut Out	Dia.126 mm.
Mounting	Recessed in blockout made of polypropylene
Power	15W
Light Source	LED Module
Colour Temperature	3000K (2700/4000K as optional)
CRI	80
Luminaire Output	1050 lm
Beam Angle	10/25/40 degree
Control Gear	Separate switching power supply
Control	DIM 0-10V (optional)
Power Supply	24VDC
Insulation Class	III
IP Rating	68 (Submersion depth 2 m.)
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
RUL201/SL-15LED/24VDC	15W



LED Underwater



RUL202

Application

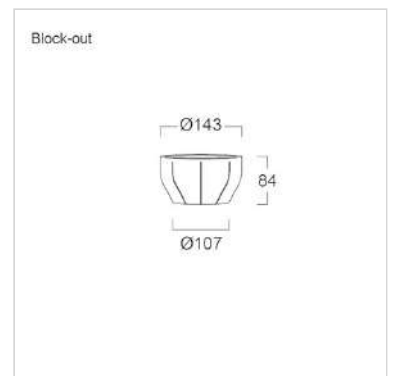
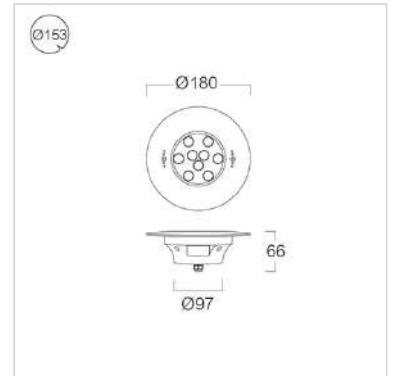
Underwater is designed to illuminate aquariums, water falls, swimming pools, fountains, etc.

Specification

Housing	Grade 316 stainless steel
Front Cover	Clear toughened glass
Finishing	Matt finished
Lens	Polycarbonate
Gasket	Silicone rubber
Cable Entry	M12 nickel brass cable gland
Power Cord	VCT 2x1.0 sq.mm., 5 meters
Dimension	Housing : Dia.180x66 mm. Blockout : Dia.143x84 mm.
Cut Out	Dia.153 mm.
Mounting	Recessed in blockout made of polypropylene
Power	21W
Light Source	LED Module
Colour Temperature	3000K (2700/4000K as optional)
CRI	80
Luminaire Output	1470 lm
Beam Angle	10/25/40 degree
Control Gear	Separate switching power supply
Control	DIM 0-10V (optional)
Power Supply	24VDC
Insulation Class	III
IP Rating	68 (Submersion depth 2 m.)
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
RUL202/SL-21LED/24VDC	21W



LED Underwater



SUL275

Application

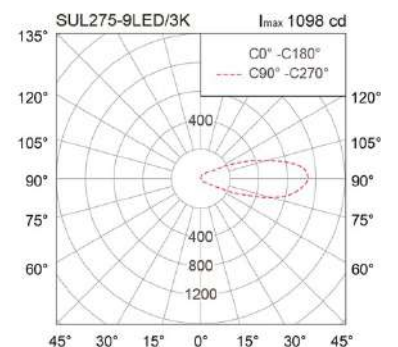
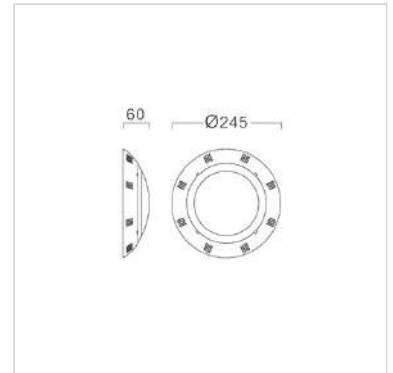
Underwater is designed to illuminate aquariums, water falls, swimming pools, fountains, etc.

Specification

Housing	ABS plastic
Lens	Acrylic (PMMA)
Gasket	Silicone rubber
Power Cord	VCT 2x1.5 sq.mm., 5 meters
Dimension	Dia.245x60 mm.
Mounting	Surface
Power	9W
Light Source	LED Module
Colour Temperature	3000K (2700/4000K as optional)
CRI	70
LED Output	585 lm
Beam Angle	Symmetrical wide beam
Control Gear	Separate switching power supply
Power Supply	24VDC
Insulation Class	III
IP Rating	68 (Submersion depth 2 m.)
Luminaire Lifetime	25,000 hrs.

Ordering Data

Model	Watt
SUL275/WH-9LED/24VDC	9W



LED Underwater



SUL280

Application

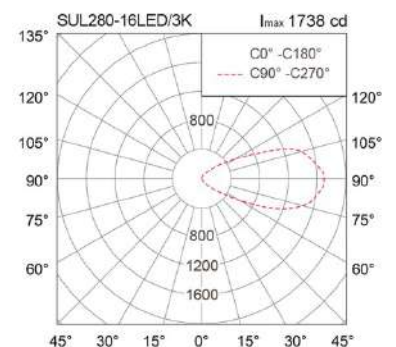
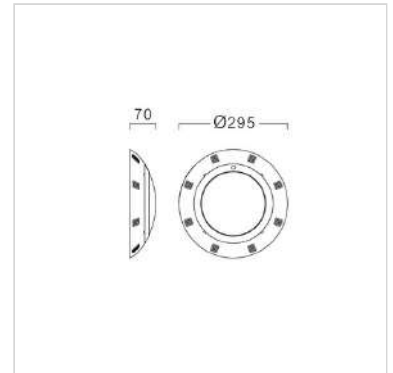
Underwater is designed to illuminate aquariums, water falls, swimming pools, fountains, etc.

Specification

Housing	ABS plastic
Lens	Acrylic (PMMA)
Gasket	Silicone rubber
Power Cord	VCT 2x1.5 sq.mm., 5 meters
Dimension	Dia.295x70 mm.
Mounting	Surface
Power	16W
Light Source	LED Module
Colour Temperature	3000K (2700/4000K as optional)
CRI	70
Luminaire Output	1200 lm
Beam Angle	Symmetrical wide beam
Control Gear	Separate switching power supply
Power Supply	24VDC
Insulation Class	III
IP Rating	68 (Submersion depth 2 m.)
Luminaire Lifetime	25,000 hrs.

Ordering Data

Model	Watt
SUL280/WH-16LED/24VDC	16W



LED Inground



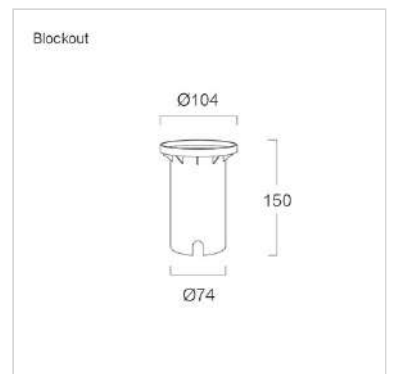
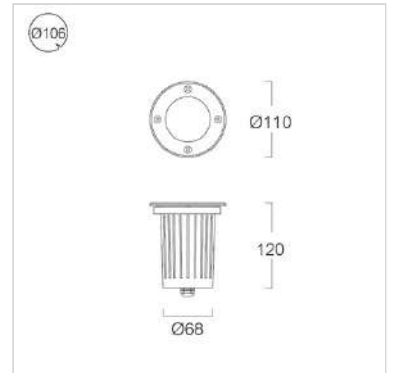
ING167

Specification

Housing	Die-cast aluminium body with grade 316 stainless steel flange
Front Cover	Clear toughened glass
Finishing	Matt finished
Gasket	Silicone rubber
Cable Entry	Nickel brass cable gland
Power Cord	VCT 3x0.75 sq.mm., 3 meters
Dimension	Housing : Dia.110x120 mm. Blockout : Dia.104x150 mm.
Cut Out	Dia.106 mm.
Mounting	Recessed in block out made of polypropylene
Power	LED-MR16 : 6W LED-PAR16 : 7W
Light Source	LED-MR16 / LED-PAR16
Lamp Holder	LED-MR16 : GX5.3 LED-PAR16 : GU10
Colour Temperature	3000K (2700/4000K as optional)
CRI	80
Lamp Output	LED-MR16 : 550 lm LED-PAR16 : 620 lm
Control Gear	LED-MR16 : Separate tranformer
Power Supply	LED-MR16 : 12V AC/DC LED-PAR16 : 220VAC, 50Hz
IP Rating	67
Lamp Lifetime	15,000 hrs.

Ordering Data

Model	Watt
ING167/SL-XXLED-MR16	MAX.6W
ING167/SL-XXLED-PAR16	MAX.7W



LED Inground



INL310

Application

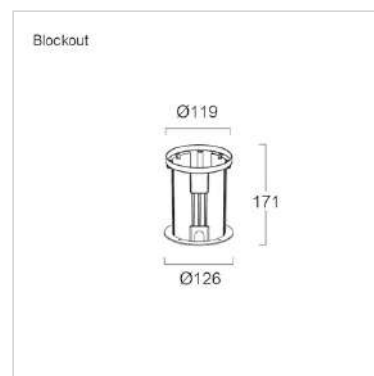
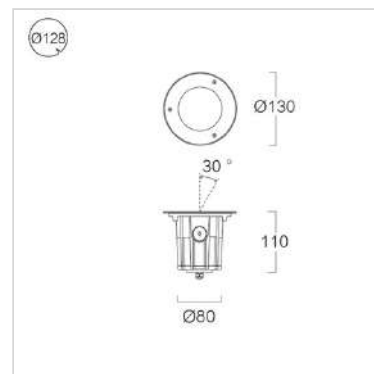
Inground luminaire is designed to accent or highlight trees, walls, columns, signboards, etc.

Specification

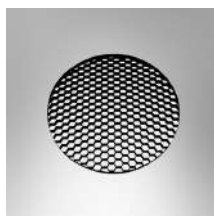
Housing	Die-cast aluminium body with grade 316 stainless steel flange
Front Cover	Clear toughened glass
Structure	Tilt angle of LED-COB is adjustable by basic tooling without opening front cover
Finishing	Housing : Powder coated in black Flange : Matt finished
Lens	Polycarbonate
Gasket	Silicone rubber
Cable Entry	Nickel brass cable gland
Power Cord	VCT 2x1.0 sq.mm., 3 meters
Dimension	Housing : Dia.130x110 mm. Blockout : Dia.126x171 mm.
Cut Out	Dia.128 mm.
Mounting	Recessed in blockout made of polypropylene
Power	6W
Light Source	LED-COB
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	477 lm (22 degree) 460 lm (40/60 degree)
Beam Angle	22/40/60 degree
Control Gear	Separate switching power supply
Control	DIM 0-10V (optional)
Power Supply	24VDC
Insulation Class	III
IP Rating	67
Luminaire Lifetime	50,000 hrs.

Ordering Data

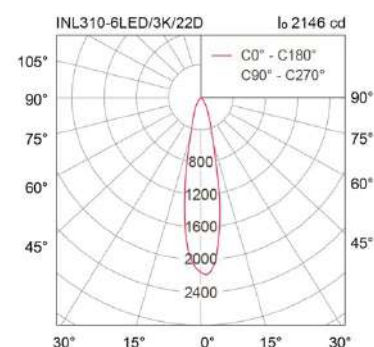
Model	Watt
INL310/SL-6LED/24VDC	6W



Accessories



Honeycomb



LED Inground



INL311

Application

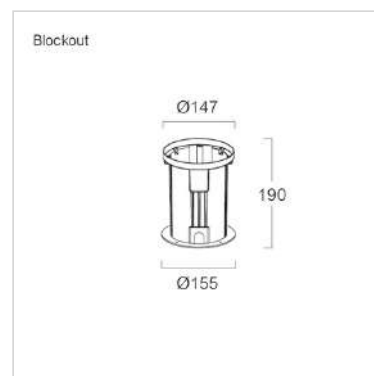
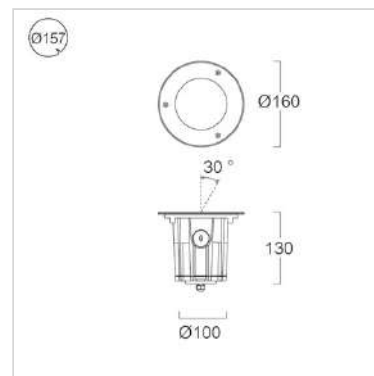
Inground luminaire is designed to accent or highlight trees, walls, columns, signboards, etc.

Specification

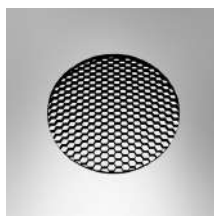
Housing	Die-cast aluminium body with grade 316 stainless steel flange
Front Cover	Clear toughened glass
Structure	Tilt angle of LED-COB is adjustable by basic tooling without opening front cover
Finishing	Housing : Powder coated in black Flange : Matt finished
Lens	Polycarbonate
Gasket	Silicone rubber
Cable Entry	Nickel brass cable gland
Power Cord	VCT 2x1.0 sq.mm., 3 meters
Dimension	Housing : Dia.160x130 mm. Blockout : Dia.155x190 mm. Dia.157 mm.
Cut Out	Recessed in blockout
Mounting	made of polypropylene
Power	12W
Light Source	LED-COB
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	1090 lm (22 degree) 1040 lm (40/60 degree)
Beam Angle	22/40/60 degree
Control Gear	Separate switching power supply
Control	DIM 0-10V (optional)
Power Supply	24VDC
Insulation Class	III
IP Rating	67
Luminaire Lifetime	50,000 hrs.

Ordering Data

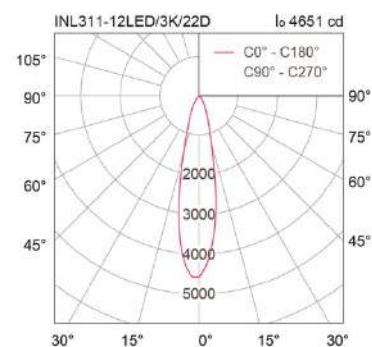
Model	Watt
INL311/SL-12LED/24VDC	12W



Accessories



Honeycomb



LED Inground



INL312

Application

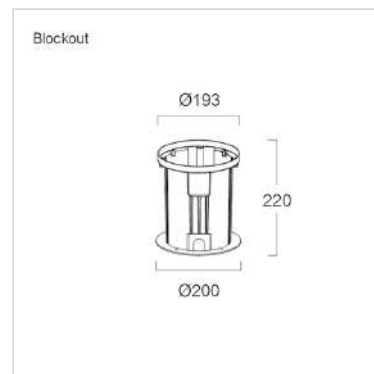
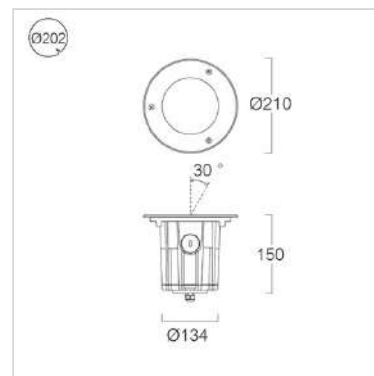
Inground luminaire is designed to accent or highlight trees,walls,columns,signboards,etc.

Specification

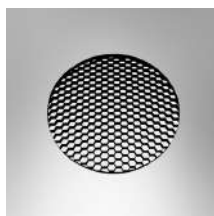
Housing	Die-cast aluminium body with grade 316 stainless steel flange
Front Cover	Clear toughened glass
Structure	Tilt angle of LED-COB is adjustable by basic tooling without opening front cover
Finishing	Housing : Powder coated in black Flange : Matt finished
Lens	Polycarbonate
Gasket	Silicone rubber
Cable Entry	Nickel brass cable gland
Power Cord	VCT 2x1.0 sq.mm., 3 meters
Dimension	Housing : Dia.210x150 mm. Blockout : Dia.200x220 mm. Dia.202 mm.
Cut Out	Recessed in blockout
Mounting	made of polypropylene
Power	25W
Light Source	LED-COB
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	2395 lm (24 degree) 2290 lm (40/60 degree)
Beam Angle	24/40/60 degree
Control Gear	Separate switching power supply
Control	DIM 0-10V (optional)
Power Supply	24VDC
Insulation Class	III
IP Rating	67
Luminaire Lifetime	50,000 hrs.

Ordering Data

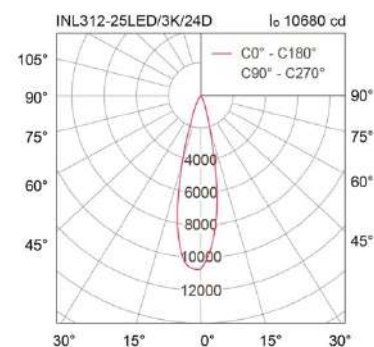
Model	Watt
INL312/SL-25LED/24VDC	25W



Accessories



Honeycomb



LED Inground



INL120

Application

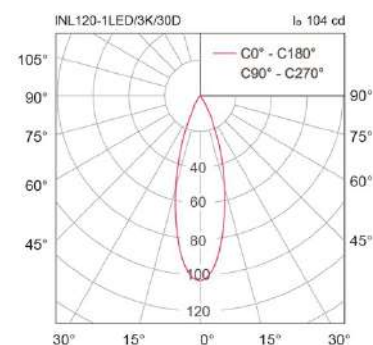
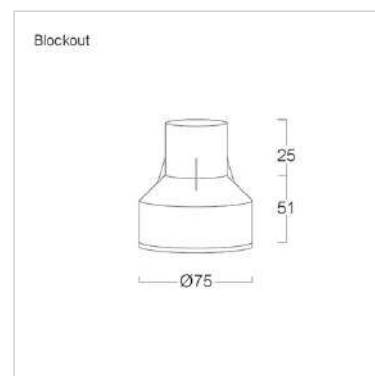
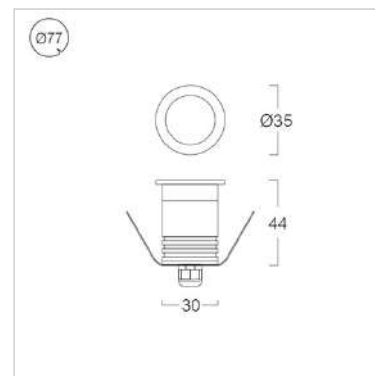
Inground luminaire is designed to accent or highlight trees,walls,columns,signboards,etc.

Specification

Housing	Corrosion resistant aluminium
Front Cover	Clear toughened glass with honeycomb
Finishing	Matt finished
Lens	Polycarbonate
Gasket	Silicone rubber
Cable Entry	Nickel brass cable gland
Power Cord	VCT 2x0.3 sq.mm., 3 meters
Dimension	Housing : Dia.35x44 mm. Blockout : Dia.75x76 mm.
Cut Out	Dia.77 mm.
Mounting	Recessed in blockout made of polypropylene
Power	1W
Light Source	LED Module
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	40 lm
Beam Angle	20/30 degree
Control Gear	Separate switching power supply
Power Supply	24VDC
Insulation Class	III
IP Rating	67
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
INL120/SL-1LED/24VDC	1W



INL121

Application

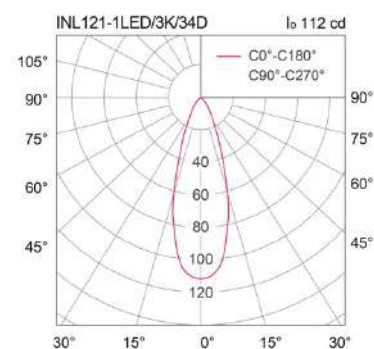
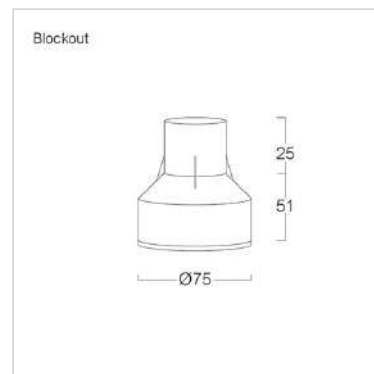
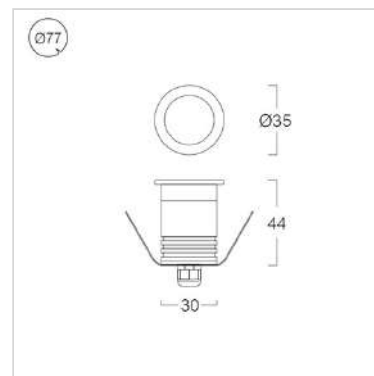
Inground luminaire is designed to accent or highlight trees,walls,columns,signboards,etc.

Specification

Housing	Corrosion resistant aluminium
Front Cover	Frosted glass
Finishing	Matt finished
Lens	Polycarbonate
Gasket	Silicone rubber
Cable Entry	Nickel brass cable gland
Power Cord	VCT 2x0.3 sq.mm., 3 meters
Dimension	Housing : Dia.35x44 mm. Blockout : Dia.75x76 mm.
Cut Out	Dia.77 mm.
Mounting	Recessed in blockout made of polypropylene
Power	1W
Light Source	LED Module
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	60 lm
Beam Angle	34/40 degree
Control Gear	Separate switching power supply
Power Supply	24VDC
Insulation Class	III
IP Rating	67
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
INL121/SL-1LED/24VDC	1W



LED Inground



INL130

Application

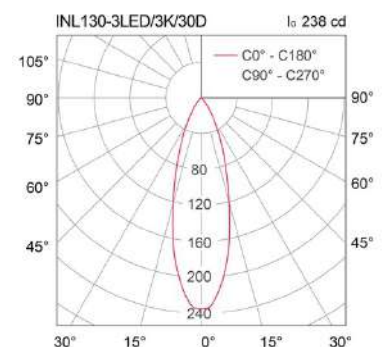
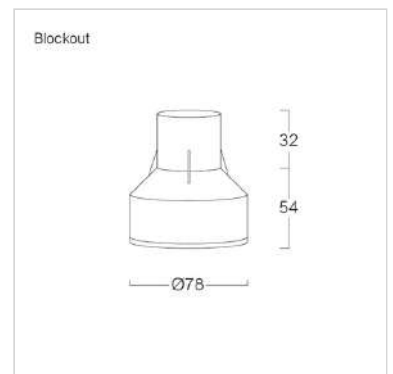
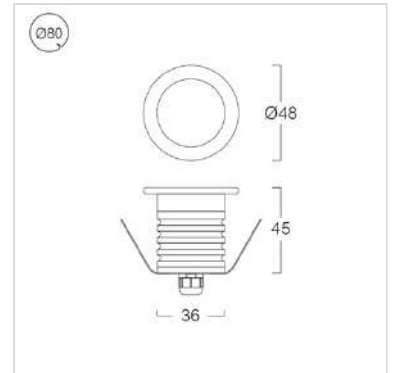
Inground luminaire is designed to accent or highlight trees,walls,columns,signboards,etc.

Specification

Housing	Corrosion resistant aluminium
Front Cover	Clear toughened glass with honeycomb
Finishing	Matt finished
Lens	Polycarbonate
Gasket	Silicone rubber
Cable Entry	Nickel brass cable gland
Power Cord	VCT 2x0.3 sq.mm., 3 meters
Dimension	Housing : Dia.48x45 mm. Blockout : Dia.78x86 mm.
Cut Out	Dia.80 mm.
Mounting	Recessed in blockout made of polypropylene
Power	3W
Light Source	LED Module
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	40 lm
Beam Angle	20/30 degree
Control Gear	Separate switching power supply
Power Supply	24VDC
Insulation Class	III
IP Rating	67
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
INL130/SL-3LED/24VDC	3W



LED Inground



INL131

Application

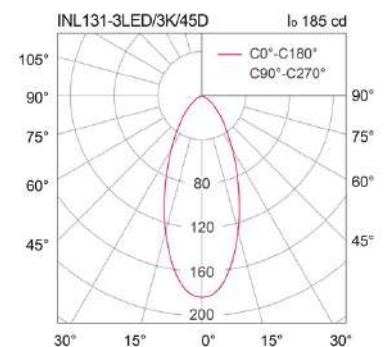
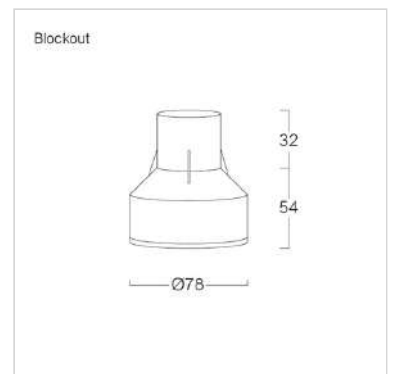
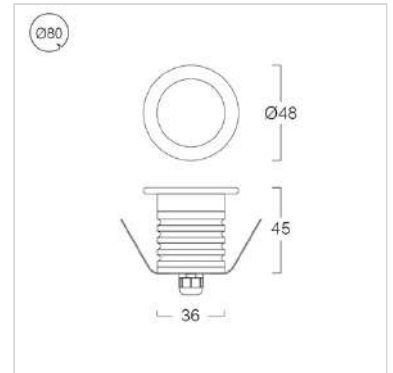
Inground luminaire is designed to accent or highlight trees,walls,columns,signboards,etc.

Specification

Housing	Corrosion resistant aluminium
Front Cover	Frosted glass
Finishing	Matt finished
Lens	Polycarbonate
Gasket	Silicone rubber
Cable Entry	Nickel brass cable gland
Power Cord	VCT 2x0.3 sq.mm., 3 meters
Dimension	Housing : Dia.48x45 mm. Blockout : Dia.78x86 mm.
Cut Out	Dia.80 mm.
Mounting	Recessed in blockout made of polypropylene
Power	3W
Light Source	LED Module
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	60 lm
Beam Angle	34/45 degree
Control Gear	Separate switching power supply
Power Supply	24VDC
Insulation Class	III
IP Rating	67
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
INL131/SL-3LED/24VDC	3W



LED Inground



INL300

Application

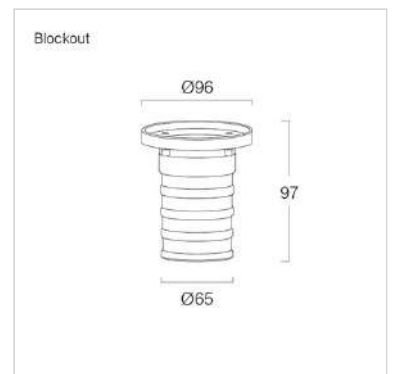
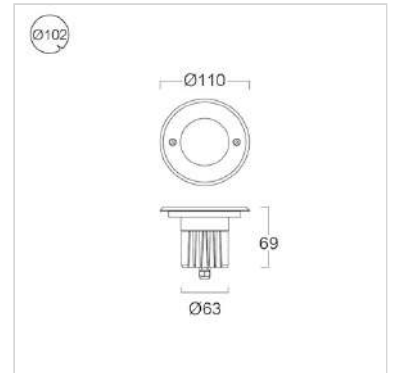
Inground luminaire is designed to accent or highlight trees,walls,columns,signboards,etc.

Specification

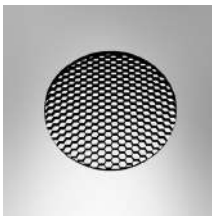
Housing	Die-cast aluminium body with grade 304 stainless steel flange
Front Cover	Clear toughened glass
Finishing	Housing : Powder coated in black Flange : Matt finished
Lens	Polycarbonate
Gasket	Silicone rubber
Cable Entry	Nickel brass cable gland
Power Cord	VCT 2x1.0 sq.mm., 3 meters
Dimension	Housing : Dia.110x69 mm. Blockout : Dia.96x97 mm.
Cut Out	Dia.102 mm.
Mounting	Recessed in blockout made of die-cast aluminium
Power	7W
Light Source	LED-COB
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	650 lm
Beam Angle	12/27/35 degree
Control Gear	Separate switching power supply
Control	DIM 0-10V (optional)
Power Supply	24VDC
Insulation Class	III
IP Rating	67
Luminaire Lifetime	50,000 hrs.

Ordering Data

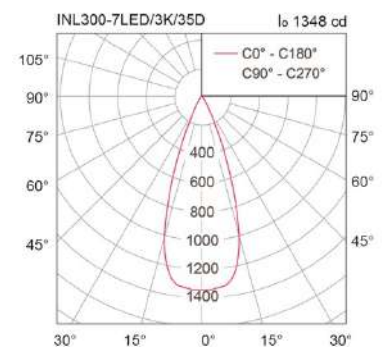
Model	Watt
INL300/SL-7LED/24VDC	7W



Accessories



Honeycomb



LED Inground



INL301

Application

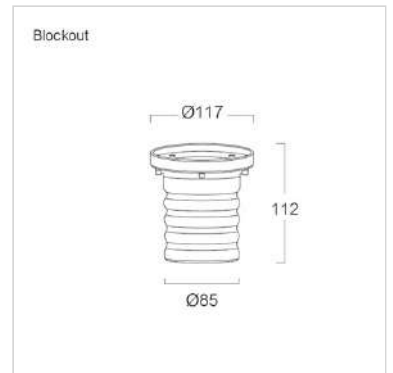
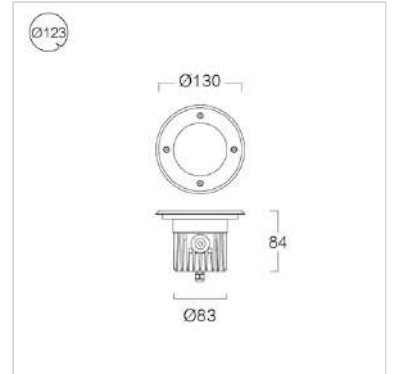
Inground luminaire is designed to accent or highlight trees,walls,columns,signboards,etc.

Specification

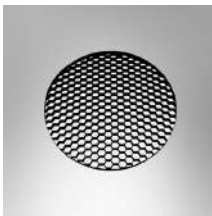
Housing	Die-cast aluminium body with grade 304 stainless steel flange
Front Cover	Clear toughened glass
Finishing	Housing : Powder coated in black Flange : Matt finished
Lens	Polycarbonate
Gasket	Silicone rubber
Cable Entry	Nickel brass cable gland
Power Cord	VCT 2x1.0 sq.mm., 3 meters
Dimension	Housing : Dia.130x84 mm. Blockout : Dia.117x112 mm.
Cut Out	Dia.123 mm.
Mounting	Recessed in blockout made of die-cast aluminium
Power	9W
Light Source	LED-COB
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	765 lm
Beam Angle	12/27/35 degree
Control Gear	Separate switching power supply
Control	DIM 0-10V (optional)
Power Supply	24VDC
Insulation Class	III
IP Rating	67
Luminaire Lifetime	50,000 hrs.

Ordering Data

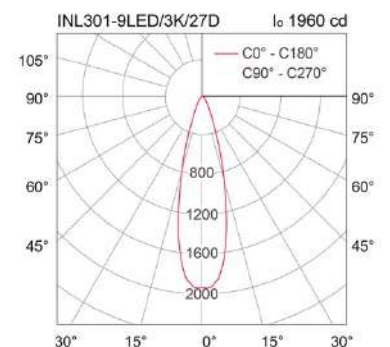
Model	Watt
INL301/SL-9LED/24VDC	9W



Accessories



Honeycomb



LED Inground



INL302

Application

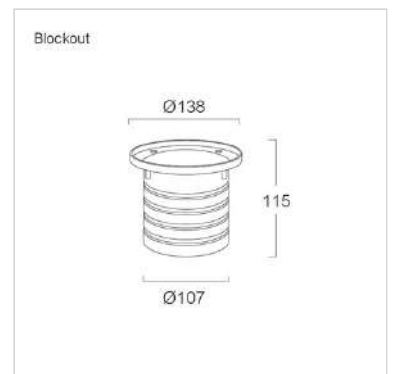
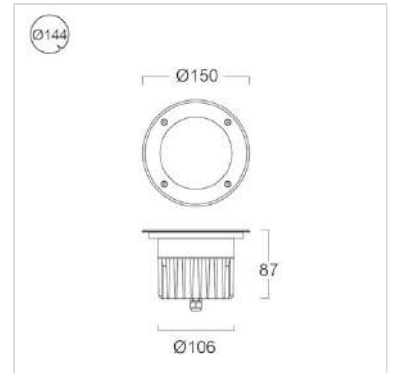
Inground luminaire is designed to accent or highlight trees,walls,columns,signboards,etc.

Specification

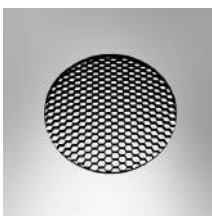
Housing	Die-cast aluminium body with grade 304 stainless steel flange
Front Cover	Clear toughened glass
Finishing	Housing : Powder coated in black Flange : Matt finished
Lens	Polycarbonate
Gasket	Silicone rubber
Cable Entry	Nickel brass cable gland
Power Cord	VCT 2x1.0 sq.mm., 3 meters
Dimension	Housing : Dia.150x87 mm. Blockout : Dia.138x115 mm.
Cut Out	Dia.144 mm.
Mounting	Recessed in blockout made of die-cast aluminium
Power	12W
Light Source	LED-COB
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	960 lm
Beam Angle	12/27/35 degree
Control Gear	Separate switching power supply
Control	DIM 0-10V (optional)
Power Supply	24VDC
Insulation Class	III
IP Rating	67
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
INL302/SL-12LED/24VDC	12W



Accessories



Honeycomb

INL501

Application

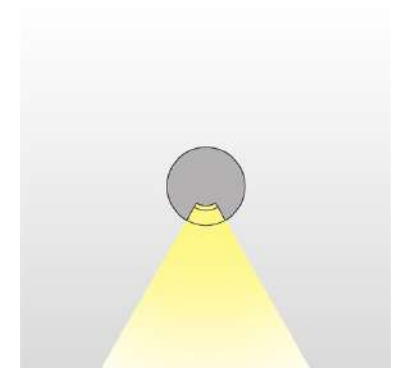
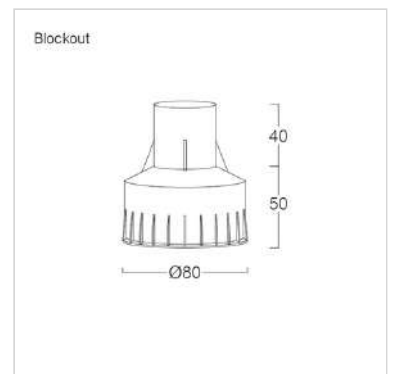
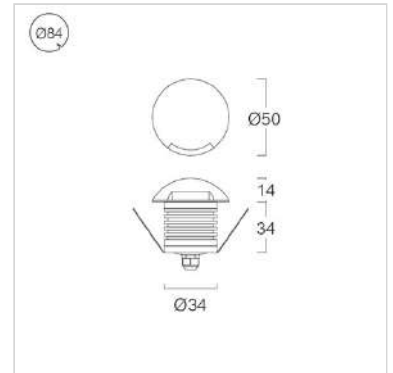
Inground luminaire is designed to accent or highlight trees,walls,columns,signboards,etc.

Specification

Housing	Body made of die-cast aluminium Top cover made of die-cast aluminium
Front Cover	Polycarbonate
Finishing	Powder coated in silver
Gasket	Silicone rubber
Cable Entry	Nickel brass cable gland
Power Cord	VCT 2x0.3 sq.mm., 3 meters
Dimension	Housing : Dia.50x48 mm. Blockout : Dia.80x90 mm.
Cut Out	Dia.84 mm.
Mounting	Recessed in blockout made of polypropylene
Power	3W
Light Source	LED Module
Colour Temperature	3000K (2700/4000/5700K as optional)
Beam Angle	One-direction output
Control Gear	Separate switching power supply
Power Supply	24VDC
Insulation Class	III
IP Rating	67
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
INL501/SL-3LED/24VDC	3W



LED Inground



INL502

Application

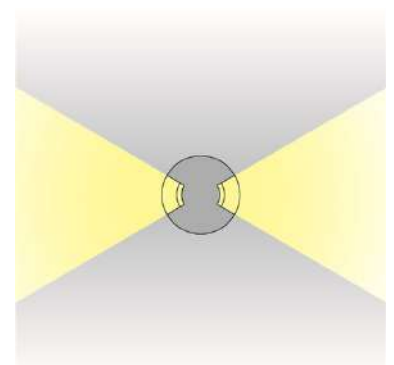
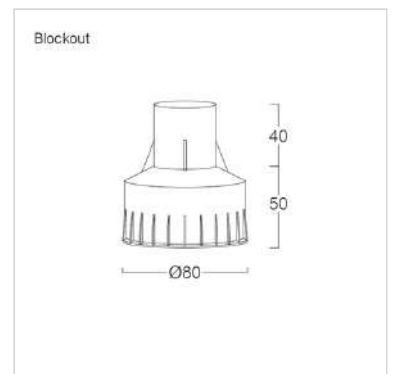
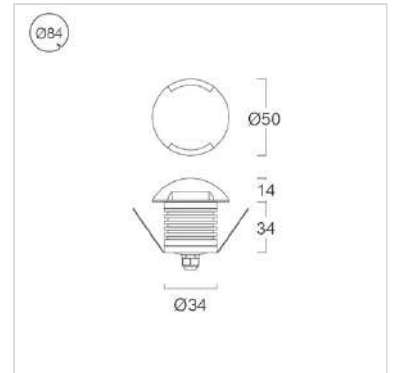
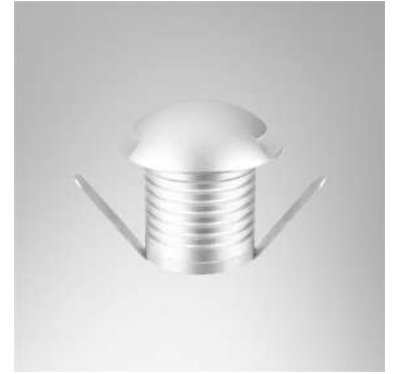
Inground luminaire is designed to accent or highlight trees,walls,columns,signboards,etc.

Specification

Housing	Body made of die-cast aluminium Top cover made of die-cast aluminium
Front Cover	Polycarbonate
Finishing	Powder coated in silver
Gasket	Silicone rubber
Cable Entry	Nickel brass cable gland
Power Cord	VCT 2x0.3 sq.mm., 3 meters
Dimension	Housing : Dia.50x48 mm. Blockout : Dia.80x90 mm.
Cut Out	Dia.84 mm.
Mounting	Recessed in blockout made of polypropylene
Power	3W
Light Source	LED Module
Colour Temperature	3000K (2700/4000/5700K as optional)
Beam Angle	Two-direction output
Control Gear	Separate switching power supply
Power Supply	24VDC
Insulation Class	III
IP Rating	67
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
INL502/SL-3LED/24VDC	3W



INL503

Application

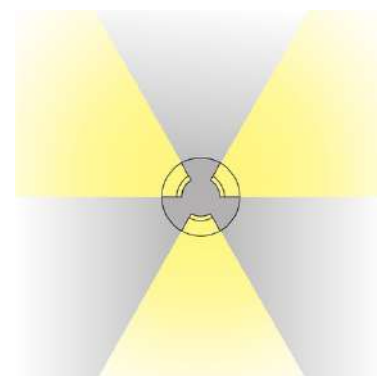
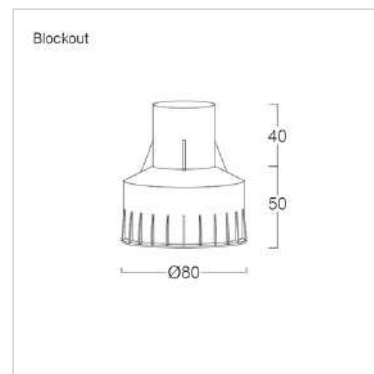
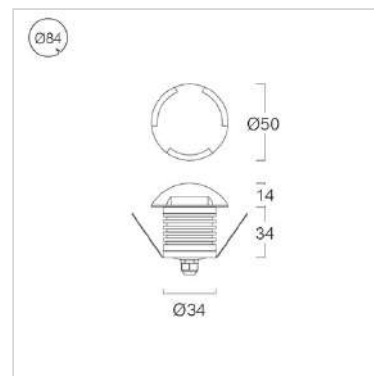
Inground luminaire is designed to accent or highlight trees, walls, columns, signboards, etc.

Specification

Housing	Body made of die-cast aluminium Top cover made of die-cast aluminium
Front Cover	Polycarbonate
Finishing	Powder coated in silver
Gasket	Silicone rubber
Cable Entry	Nickel brass cable gland
Power Cord	VCT 2x0.3 sq.mm., 3 meters
Dimension	Housing : Dia.50x48 mm Blockout : Dia.80x90 mm.
Cut Out	Dia.84 mm.
Mounting	Recessed in blockout made of polypropylene
Power	3W
Light Source	LED Module
Colour Temperature	3000K (2700/4000/5700K as optional)
Beam Angle	Three-direction output
Control Gear	Separate switching power supply
Power Supply	24VDC
Insulation Class	III
IP Rating	67
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
INL503/SL-3LED/24VDC	3W



LED Inground



INL601

Application

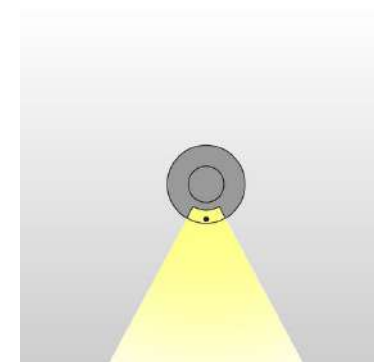
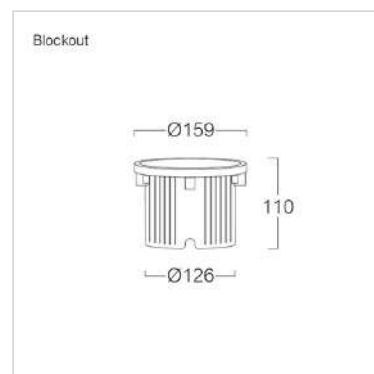
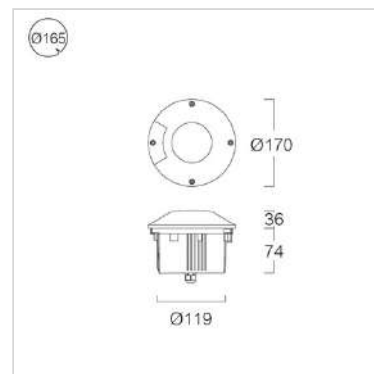
Inground luminaire is designed to accent or highlight trees,walls,columns,signboards,etc.

Specification

Housing	Body made of die-cast aluminium Top cover made of die-cast aluminium
Front Cover	Polycarbonate
Finishing	Powder coated in black
Gasket	Silicone rubber
Cable Entry	Nickel brass cable gland
Power Cord	VCT 2x0.75 sq.mm., 3 meters
Dimension	Housing : Dia.170x110 mm. Blockout : Dia.159x110 mm.
Cut Out	Dia.165 mm.
Mounting	Recessed in blockout made of polypropylene
Power	5W
Light Source	LED Module
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	75 lm
Beam Angle	One-direction output
Control Gear	Separate driver
Control	DIM 0-10V,DALI-2 DT6 (optional)
Power Supply	220-240VAC,50Hz
Insulation Class	III
IP Rating	67
Luminaire Lifetime	25,000 hrs.

Ordering Data

Model	Watt
INL601/BK-5LED	5W



LED Inground



INL602

Application

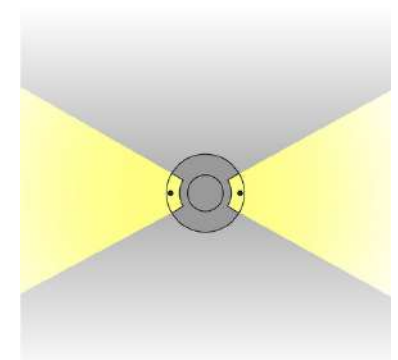
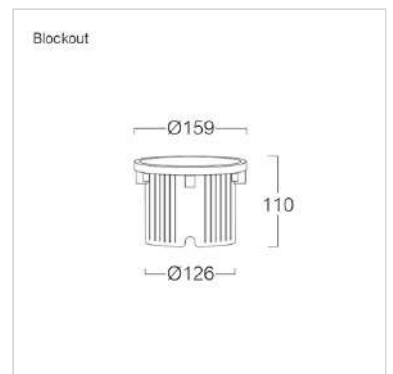
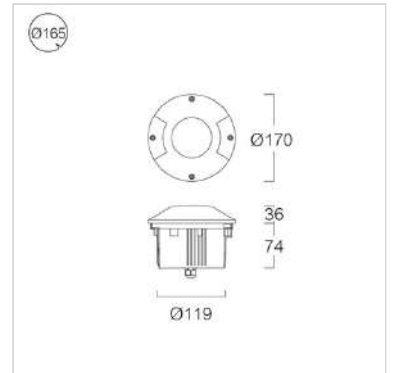
Inground luminaire is designed to accent or highlight trees,walls,columns,signboards,etc.

Specification

Housing	Body made of die-cast aluminium Top cover made of die-cast aluminium
Front Cover	Polycarbonate
Finishing	Powder coated in black
Gasket	Silicone rubber
Cable Entry	Nickel brass cable gland
Power Cord	VCT 2x0.75 sq.mm., 3 meters
Dimension	Housing : Dia.170x110 mm. Blockout : Dia.159x110 mm.
Cut Out	Dia.165 mm.
Mounting	Recessed in blockout made of polypropylene
Power	7W
Light Source	LED Module
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	175 lm
Beam Angle	Two-direction output
Control Gear	Separate driver
Control	DIM 0-10V,DALI-2 DT6 (optional)
Power Supply	220-240VAC,50Hz
Insulation Class	III
IP Rating	67
Luminaire Lifetime	25,000 hrs.

Ordering Data

Model	Watt
INL602/BK-7LED	7W



INL604

Application

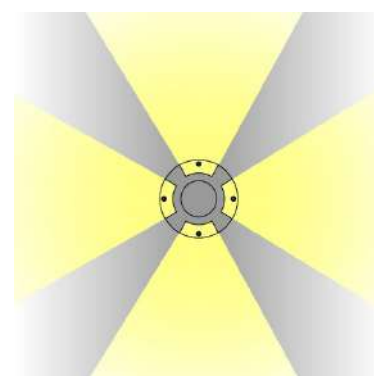
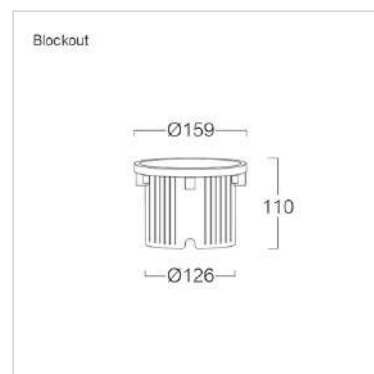
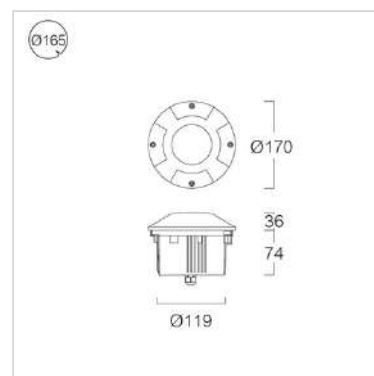
Inground luminaire is designed to accent or highlight trees,walls,columns,signboards,etc.

Specification

Housing	Body made of die-cast aluminium Top cover made of die-cast aluminium
Front Cover	Polycarbonate
Finishing	Powder coated in black
Gasket	Silicone rubber
Cable Entry	Nickel brass cable gland
Power Cord	VCT 2x0.75 sq.mm., 3 meters
Dimension	Housing : Dia.170x110 mm. Blockout : Dia.159x110 mm.
Cut Out	Dia.165 mm.
Mounting	Recessed in blockout made of polypropylene
Power	7W
Light Source	LED Module
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	140 lm
Beam Angle	Four-direction output
Control Gear	Separate driver
Control	DIM 0-10V,DALI-2 DT6 (optional)
Power Supply	220-240VAC,50Hz
Insulation Class	III
IP Rating	67
Luminaire Lifetime	25,000 hrs.

Ordering Data

Model	Watt
INL604/BK-7LED	7W





Landscape Lighting

Border / Bollard / Wall Mount / Post Top

Outdoor Lighting (Border/Bollard)

Border Luminares



BDR220 (12W)



BDR345 (9W)



BDR608 (7W)



BDR610 (12W)

Bollard Luminares



BOL152 (15W)



BOL142 (15W)



BOL717 (9W)



BLL225 (7W)



BLL232 (9/10W)



BLL208 (7W)



BLL408 (7W)



BLL101 (6W)



BLL100 (6W)



BLL102 (17W)



BLL111 (6W)



BLL110 (6W)



BLL113 (13W)



BLL222 (10W)



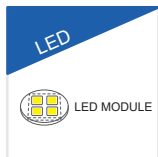
BLL224 (13W)



BLL230 (16W)



BLL402 (12W)



BLL232 (9/10W)



BLL241 (16W)



BLL242 (30W)



BLL901 (16W)



BLL903 (6/10/15/24W)



BLL401 (9W)



BLL404 (15W)



BLL415 (9W)



BLL203 (10W)



BLL400 (6W)



BLL209 (12W)



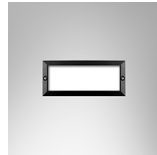
BLL803 (3W)



BLL809 (2W)

Outdoor Lighting (Wall Mount)

Wall Mount Luminaires



STL101 (7W)



STL102 (7W)



WLL331 (9W)



WLL332 (13W)



WLL341 (13W)



WLL342 (28W)



WLL351 (21W)



WLL352 (35W)



WLL431 (9W)



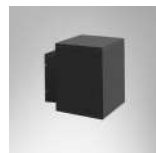
WLL432 (13W)



WLL441 (13W)



WLL442 (28W)



WLL461 (21W)



WLL462 (35W)



WLL467 (5/12W)



WLL443 (3W)



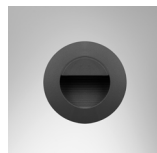
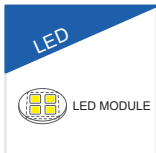
WLL444 (6W)



WLL160 (6W)



WLL161 (9W)



STLL405 (3W)



STLL402 (3W)



STLL408 (3W)



WLL150 (5W)



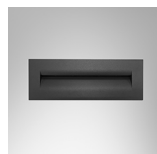
WLL151 (5W)



WLL153 (5W)



WLL152 (5W)



WLL154 (9W)



WLL174 (4W)



WLL175 (8W)



WLL155 (14W)



WLL159 (9W)



WLL463 (8W)



WLL464 (15W)



WLL465 (4W)



WLL471 (14W)



WLL472 (20W)



WLL121 (10W)



WLL122 (10W)



WLL123 (10W)



WLL124 (10W)



WLL125 (10W)



WLL127 (7W)



WLL148 (8W)



WLL149 (8W)



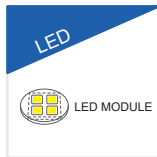
WLL128 (9W)



WLL129 (9W)

Outdoor Lighting (Wall Mount)

Wall Mount Luminaires



WLL103 (10W)



WLL320 (25W)



WLL321 (50W)



WLL330 (25/48W)



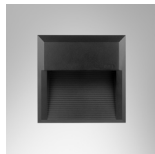
WLL435 (55/70/105W)



WLL436 (175W)



WLL710 (10W)



WLL711 (10W)



WLL712 (20W)



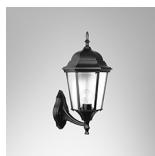
WLL713 (20W)



WLL621 (10W)



WLL622 (10W)



WMS220 (10W)



WMS345 (9W)



WMS212/S (9W)



WMS212/L (12W)



WMS213/S (9W)



WMS213/L (12W)



WMS022 (7W)



WMD022 (14W)



WMS042 (10W)



WMD042 (20W)



WMS038 (7W)



WMD038 (14W)



WMS039 (7W)



WMD039 (14W)



WMS710 (7W)



WMS711 (14W)



WMS714 (18W)



WMS715 (18W)



WMS717 (7W)



WMD717 (14W)



WMS900 (10W)



WLL126 (7W)

Outdoor Lighting (Post top)

Post Top Luminaires



PTL200 (48W)



PTL214 (64W)



PTP203/LED (48W)



PTP204/LED (64W)



PTL252 (18W)



PTL244 (40W)



PTL205 (35W)



PTL207 (35W)



PTL309 (40W)



PTL351/SH (21W)



PTL351/DH (2x21W)



PTL461 (21W)



PTL605 (35W)



PTL607 (35W)



PTL903 (35/55W)



PTL904 (35/55W)



PTL120 (35W)



PTL209 (65W)



PTL720 (35/70/105/140/210W)



PTL720/RP (35/70/105/140/210W)



PTL710/SH (35/70W)



PTL710/DH (70/140W)



PTL231 (40W)



PTL232 (80W)



PTL233 (120W)



PTL301 (12W)



PTL302 (12W)

LED Border



BDR220

Application

Border luminaire is designed to illuminate pathway, steps, low planted areas, pedestrian areas, etc.

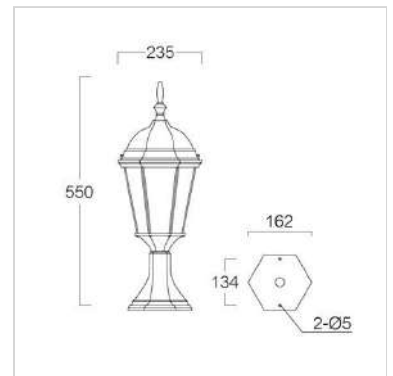
This luminaire is mounted on staff or wall.

Specification

Housing	Die-cast hexagonal aluminium
Finishing	Powder coated in black
Diffuser	Clear glass
Dimension	162x235x550 mm.
Mounting	Surface
Power	12W
Light Source	LED-BULB
Lamp Holder	E27
Colour Temperature	3000K (4000/6500K as optional)
CRI	80
Lamp Output	1050 lm
Beam Angle	Symmetrical wide beam
Power Supply	220VAC, 50Hz (L&E lamp) (Other brands lamp are available as optional)
Insulation Class	I
IP Rating	44
Lamp Lifetime	25,000 hrs.

Ordering Data

Model	Watt
BDR220/BK-XXLED-E27	MAX. 12W



BDR345

Application

Border luminaire is designed to illuminate pathway, steps, low planted areas, pedestrian areas, etc.

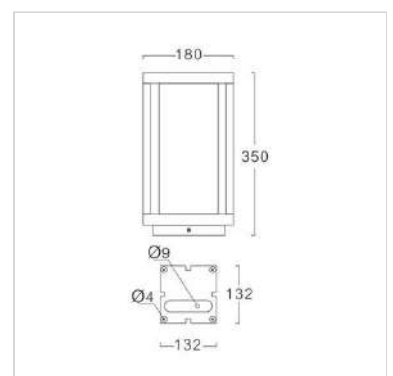
This luminaire is mounted on staff or wall.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Diffuser	Clear glass
Dimension	180x180x350 mm.
Mounting	Surface
Power	9W
Light Source	LED-BULB
Lamp Holder	E27
Colour Temperature	3000K (4000/6500K as optional)
CRI	80
Lamp Output	810 lm
Beam Angle	Symmetrical wide beam
Power Supply	220VAC, 50Hz (L&E lamp) (Other brands lamp are available as optional)
Insulation Class	I
IP Rating	55
Lamp Lifetime	15,000 hrs.

Ordering Data

Model	Watt
BDR345/BK-XXLED-E27	MAX. 9W



LED Border



BDR608

Application

Border luminaire is designed to illuminate pathway, steps, low planted areas, pedestrian areas, etc.

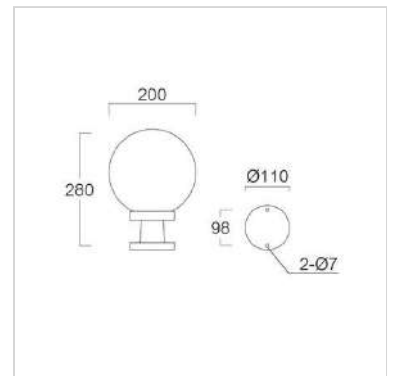
This luminaire is mounted on staff or wall.

Specification

Housing	Acrylic base
Finishing	Black color
Diffuser	Opalescent acrylic globe
Dimension	Dia. 200x280 mm.
Mounting	Surface
Power	7W
Light Source	LED-BULB
Lamp Holder	E27
Colour Temperature	3000K (4000/6500K as optional)
CRI	80
Lamp Output	630 lm
Beam Angle	Symmetrical wide beam
Power Supply	220VAC, 50Hz (L&E lamp) (Other brands lamp are available as optional)
Insulation Class	I
IP Rating	44
Lamp Lifetime	25,000 hrs.

Ordering Data

Model	Watt
BDR608/OP/BK-XXLED-E27	MAX.7W



BDR610

Application

Border luminaire is designed to illuminate pathway, steps, low planted areas, pedestrian areas, etc.

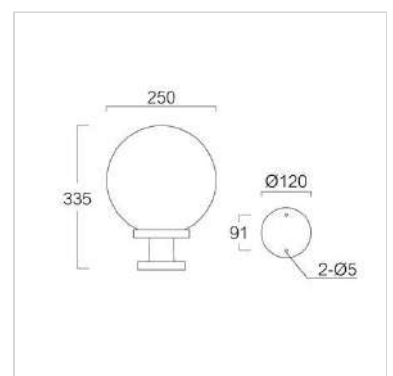
This luminaire is mounted on staff or wall.

Specification

Housing	Acrylic base
Finishing	Black color
Diffuser	Opalescent acrylic globe
Dimension	Dia. 250x335 mm.
Mounting	Surface
Power	12W
Light Source	LED-BULB
Lamp Holder	E27
Colour Temperature	3000K (4000/6500K as optional)
CRI	80
Lamp Output	1050 lm
Beam Angle	Symmetrical wide beam
Power Supply	220VAC, 50Hz (L&E lamp) (Other brands lamp are available as optional)
Insulation Class	I
IP Rating	44
Lamp Lifetime	25,000 hrs.

Ordering Data

Model	Watt
BDR610/OP/BK-XXLED-E27	MAX.12W



LED Bollard



BOL152

Application

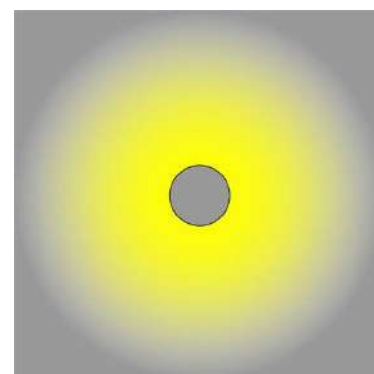
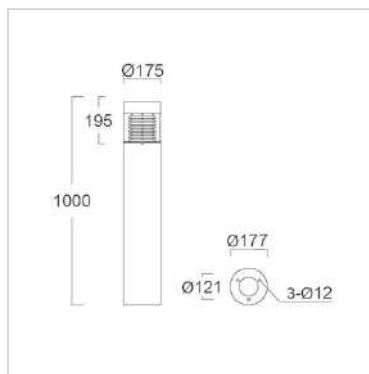
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Description	Post: Extruded aluminium
Finishing	Powder coated in black
Reflector	Sandblasted aluminium
Diffuser	Clear polycarbonate
Gasket	Silicone rubber
Dimension	Dia. 175x1000 mm.
Mounting	Surface
Power	15W
Light Source	LED-BULB
Lamp Holder	E27
Colour Temperature	3000K (4000/6500K as optional)
CRI	80
Lamp Output	1450 lm
Beam Angle	Symmetrical wide beam
Power Supply	220VAC, 50Hz (L&E lamp) (Other brands lamp are available as optional)
Insulation Class	I
IP Rating	65
Lamp Lifetime	25,000 hrs.

Ordering Data

Model	Watt
BOL152/1.0M/BK-XXLED-E27	MAX. 15W



BOL142

Application

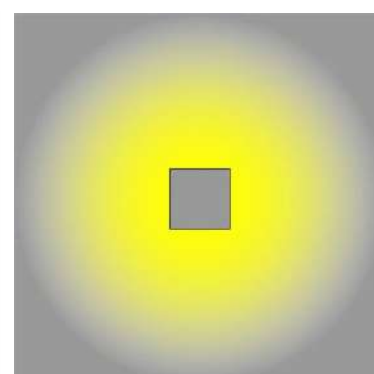
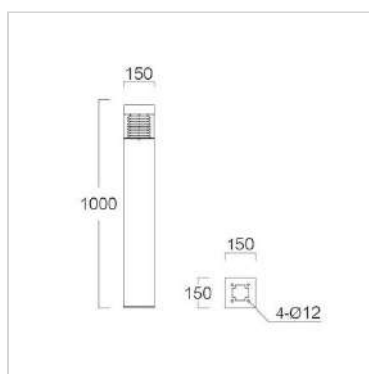
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Description	Post: Extruded aluminium
Finishing	Powder coated in black
Reflector	Sandblasted aluminium
Diffuser	Clear polycarbonate
Gasket	Silicone rubber
Dimension	150x150x1000 mm.
Mounting	Surface
Power	15W
Light Source	LED-BULB
Lamp Holder	E27
Colour Temperature	3000K (4000/6500K as optional)
CRI	80
Lamp Output	1450 lm
Beam Angle	Symmetrical wide beam
Power Supply	220VAC, 50Hz (L&E lamp) (Other brands lamp are available as optional)
Insulation Class	I
IP Rating	65
Lamp Lifetime	25,000 hrs.

Ordering Data

Model	Watt
BOL142/1.0M/BK-XXLED-E27	MAX. 15W



LED Bollard



BOL717

Application

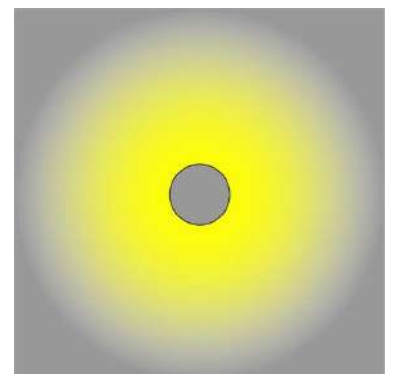
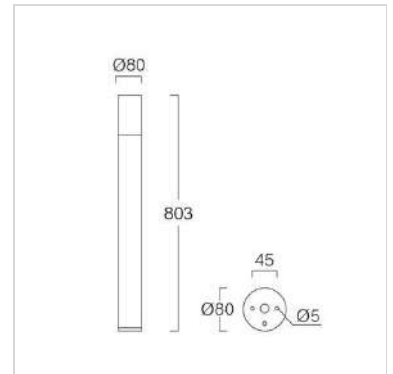
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Diffuser	Smoky color toughened glass
Gasket	Silicone rubber
Dimension	Dia.80x803 mm.
Mounting	Surface
Power	9W
Light Source	LED-BULB
Colour Temperature	3000K (4000/6500K as optional)
CRI	80
Lamp Output	810 lm
Beam Angle	Symmetrical wide beam
Power Supply	220VAC, 50Hz (L&E lamp) (Other brands lamp are available as optional)
Insulation Class	I
IP Rating	55
Lamp Lifetime	15,000 hrs.

Ordering Data

Model	Watt
BOL717/BK-XXLED-E27	MAX.9W



LED Bollard



TIS BLL225

Application

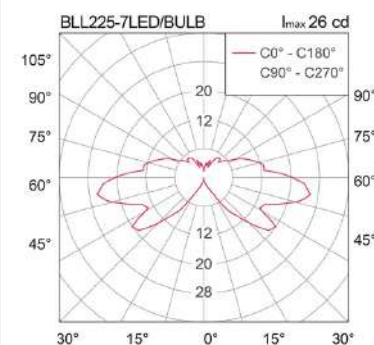
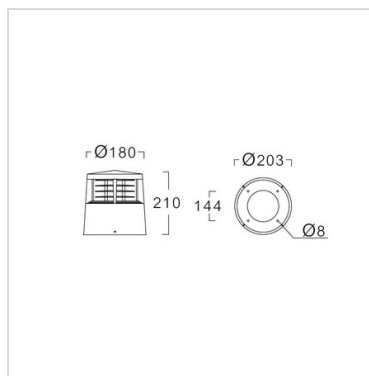
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Louwer	Anodized aluminium
Diffuser	Clear polycarbonate
Gasket	Silicone rubber
Dimension	Dia.180x210 mm.
Mounting	Surface
Power	7W
Light Source	LED-BULB
Colour Temperature	3000K (4000/6500K as optional)
CRI	80
Lamp Output	600 lm
Beam Angle	Symmetrical wide beam
Power Supply	220VAC, 50Hz (L&E lamp) (Other brands lamp are available as optional)
Insulation Class	I
IP Rating	55
Lamp Lifetime	25,000 hrs.

Ordering Data

Model	Watt
BLL 225/BK-XXLED-E27	MAX.7W



TIS BLL232

Application

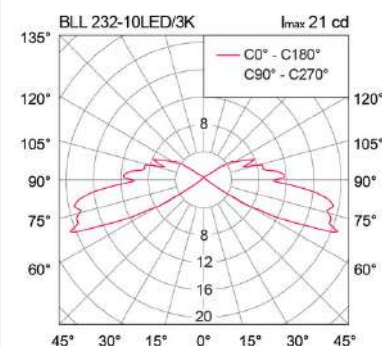
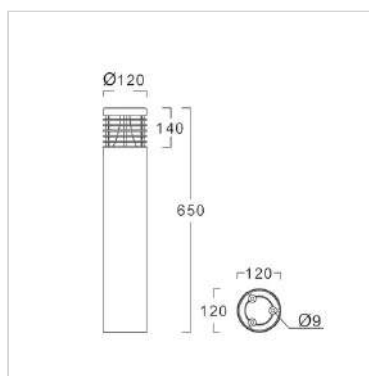
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Diffuser	Clear polycarbonate
Gasket	Silicone rubber
Dimension	Dia.120x650 mm.
Mounting	Surface
Power	LED-BULB : 9W LED-Module : 10W
Light Source	LED-BULB / LED Module
Colour Temperature	LED-BULB : 3000/6500K LED-Module : 3000/4000/5700K
CRI	80
Lamp Output	LED-BULB : 810/850 lm
Luminaire Output	78 lm
Beam Angle	Symmetrical wide beam
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Insulation Class	I
IP Rating	65
Lamp Lifetime	LED-BULB : 15,000 hrs.
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
BLL232/BK-XXLED-E27	MAX.9W
BLL232/BK-10LED	10W



LED Bollard



BLL208

Application

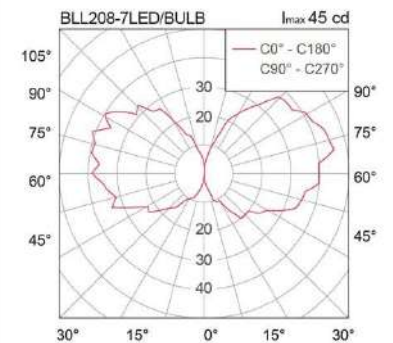
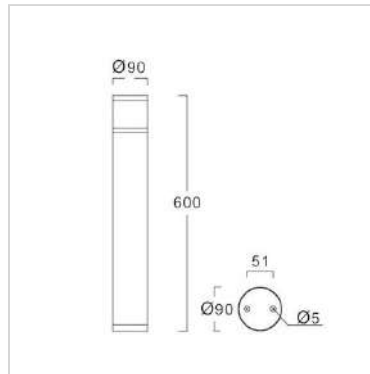
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Diffuser	Opalescent Acrylic
Gasket	Silicone rubber
Dimension	Dia.90x600 mm.
Mounting	Surface
Power	7W
Light Source	LED-BULB
Colour Temperature	3000K (4000/6500K as optional)
CRI	80
Lamp Output	600 lm
Beam Angle	Symmetrical wide beam
Power Supply	220VAC, 50Hz (L&E lamp) (Other brands lamp are available as optional)
Insulation Class	I
IP Rating	55
Lamp Lifetime	25,000 hrs.

Ordering Data

Model	Watt
BLL 208/BK-XXLED-E27	MAX.7W



BLL408

Application

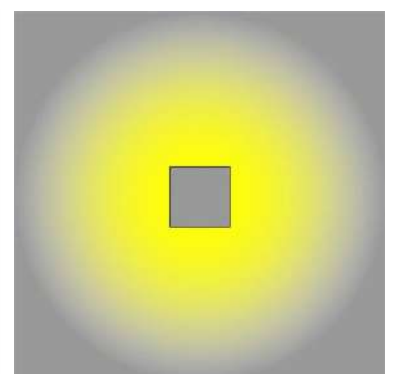
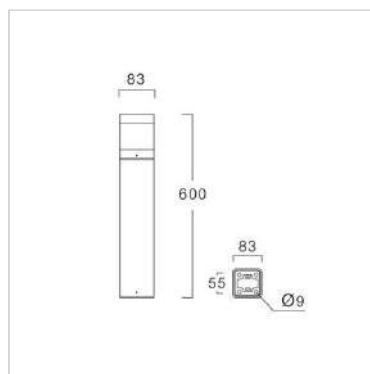
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Diffuser	Opalescent Acrylic
Gasket	Silicone rubber
Dimension	83x83x600 mm.
Mounting	Surface
Power	7W
Light Source	LED-BULB
Colour Temperature	3000K (4000/6500K as optional)
CRI	80
Lamp Output	600 lm
Beam Angle	Symmetrical wide beam
Power Supply	220VAC, 50Hz (L&E lamp) (Other brands lamp are available as optional)
Insulation Class	I
IP Rating	55
Lamp Lifetime	25,000 hrs.

Ordering Data

Model	Watt
BLL408/BK-XXLED-E27	MAX.7W



LED Bollard



BLL101

Application

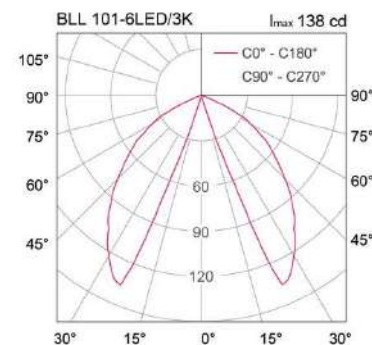
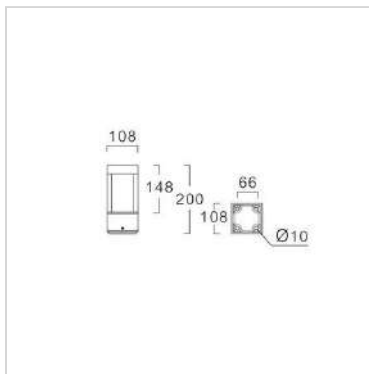
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Front Cover	Opalescent polycarbonate
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	108x108x200 mm.
Mounting	Surface
Power	6W
Light Source	LED-COB
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	150 lm
Beam Angle	Symmetrical medium beam
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
BLL101/BK-6LED	6W



BLL100

Application

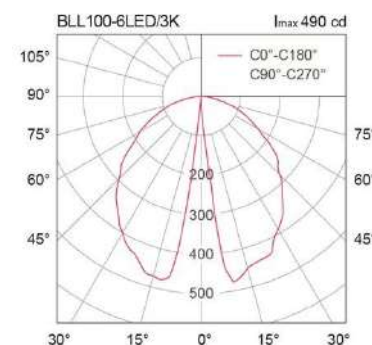
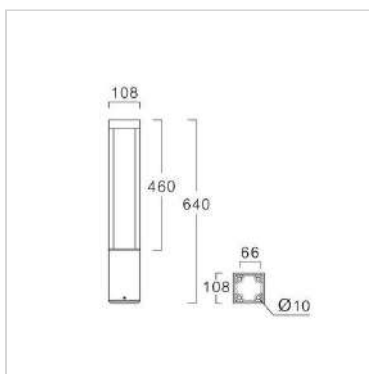
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Front Cover	Opalescent polycarbonate
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	108x108x640 mm.
Mounting	Surface
Power	6W
Light Source	LED-COB
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	150 lm
Beam Angle	Symmetrical medium beam
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
BLL100/BK-6LED	6W



LED Bollard



TIS BLL102

Application

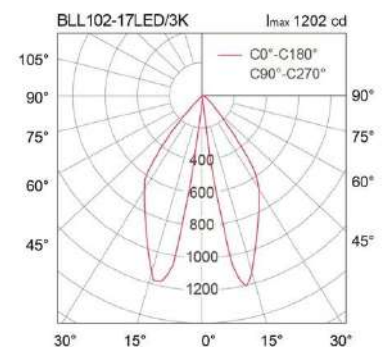
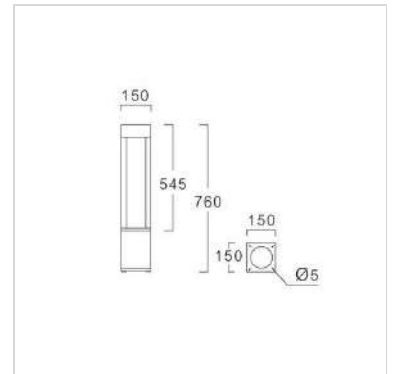
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Front Cover	Frosted glass
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	150x150x760 mm.
Mounting	Surface
Power	17W
Light Source	LED-COB
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	90
Luminaire Output	975 lm
Beam Angle	Symmetrical medium beam
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
BLL102/BK-17LED	17W



LED Bollard



BLL111

Application

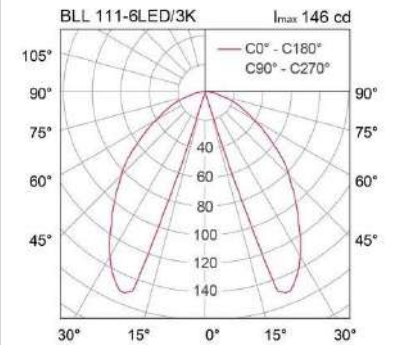
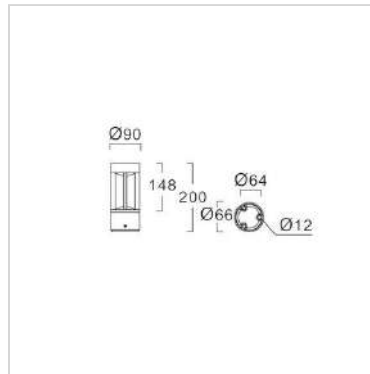
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Front Cover	Opalescent polycarbonate
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	Dia.90x200 mm.
Mounting	Surface
Power	6W
Light Source	LED-COB
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	140 lm
Beam Angle	Symmetrical medium beam
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
BLL111/BK-6LED	6W



BLL110

Application

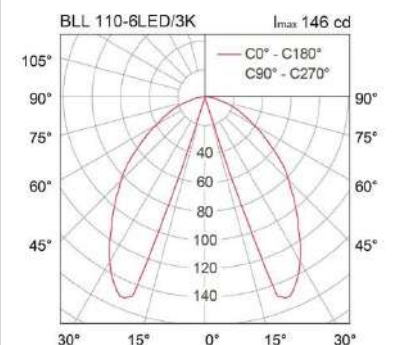
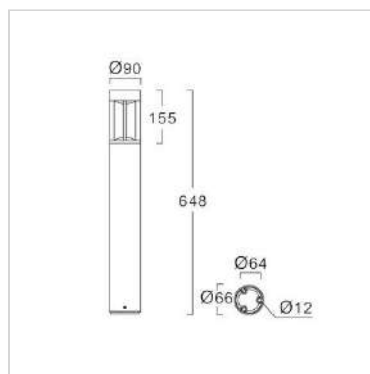
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Front Cover	Opalescent polycarbonate
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	Dia.90x648 mm.
Mounting	Surface
Power	6W
Light Source	LED-COB
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	140 lm
Beam Angle	Symmetrical medium beam
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
BLL110/BK-6LED	6W



BLL113

Application

Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

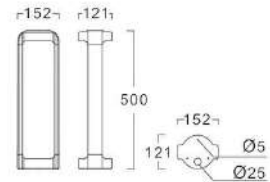
Housing	Die-cast aluminium
Front Cover	Clear polycarbonate
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	BLL113-0.5M : 152x121x500 mm. BLL113-0.8M : 152x121x800 mm.
Mounting	Surface
Power	13W
Light Source	LED-COB
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Beam Angle	Symmetrical medium beam
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.

Ordering Data

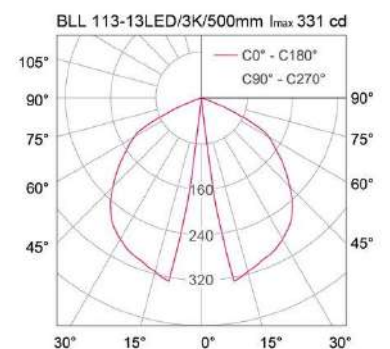
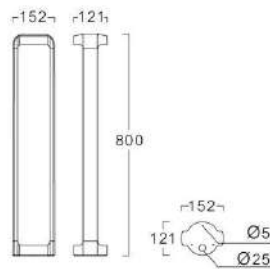
Model	Watt
BLL113/0.5M/BK-13LED	13W
BLL113/0.8M/BK-13LED	13W



BLL113-0.5M



BLL113-0.8M



LED Bollard



BLL222

Application

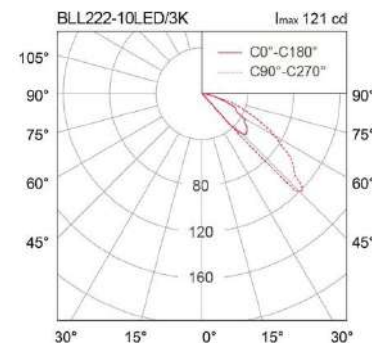
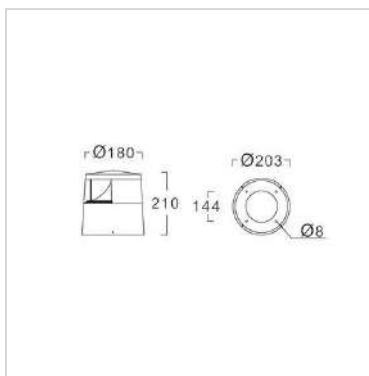
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Reflector	Anodized aluminium
Diffuser	Clear polycarbonate
Gasket	Silicone rubber
Dimension	Dia.180x210 mm.
Mounting	Surface
Power	10W
Light Source	LED-COB
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	190 lm
Beam Angle	Asymmetrical wide beam
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
BLL222/BK-10LED	10W



BLL224

Application

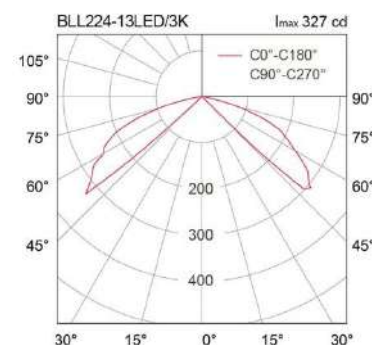
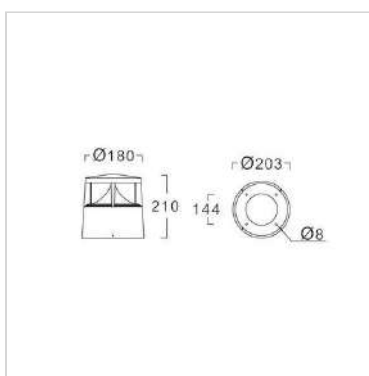
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Reflector	Anodized aluminium
Diffuser	Clear polycarbonate
Gasket	Silicone rubber
Dimension	Dia.180x210 mm.
Mounting	Surface
Power	13W
Light Source	LED-COB
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	400 lm
Beam Angle	Symmetrical wide beam
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
BLL224/BK-13LED	13W



LED Bollard



BLL230

Application

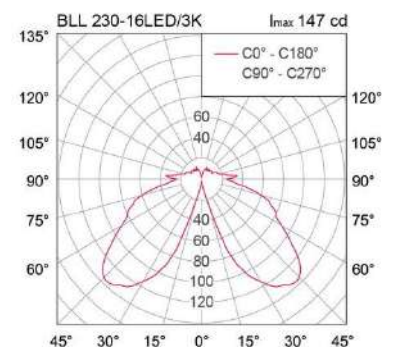
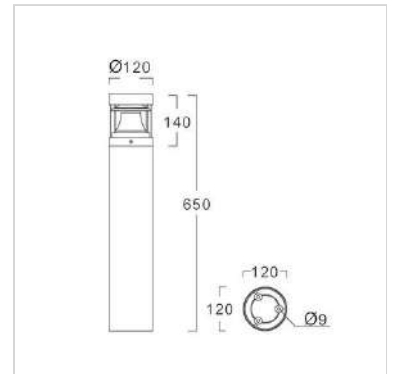
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Louver	Anodized aluminium
Diffuser	Clear polycarbonate
Gasket	Silicone rubber
Dimension	Dia. 120x650 mm.
Mounting	Surface
Power	16W
Light Source	LED-COB
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	540 lm
Beam Angle	Symmetrical medium beam
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
BLL230/BK-16LED	16W



LED Bollard



BLL241

Application

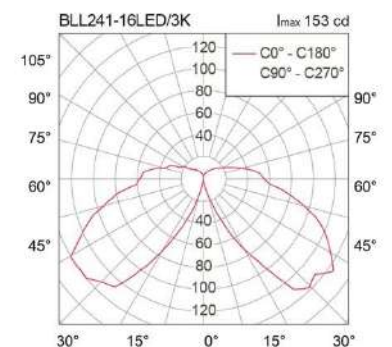
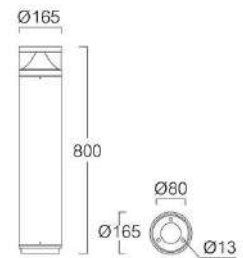
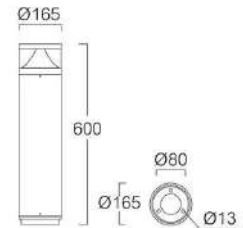
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Reflector	Anodized aluminium
Diffuser	Clear acrylic
Gasket	Silicone rubber
Dimension	BLL241-0.6M : Dia.165x600 mm. BLL241-0.8M : Dia.165x800 mm.
Mounting	Surface
Power	16W
Light Source	LED Module
Colour Temperature	3000K (4000/5700K as optional)
CRI	80
Luminaire Output	770 lm
Beam Angle	Symmetrical wide beam
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
BLL241/0.6M/BK-16LED	16W
BLL241/0.8M/BK-16LED	16W



LED Bollard



BLL242

Application

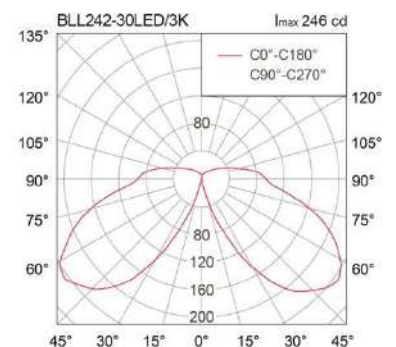
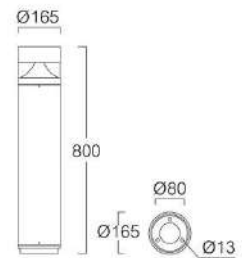
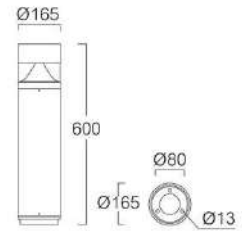
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Reflector	Anodized aluminium
Diffuser	Clear acrylic
Gasket	Silicone rubber
Dimension	BLL242-0.6M : Dia.165x600 mm. BLL242-0.8M : Dia.165x800 mm.
Mounting	Surface
Power	30W
Light Source	LED Module
Colour Temperature	3000K (4000/5700K as optional)
CRI	80
Luminaire Output	1280 lm
Beam Angle	Symmetrical wide beam
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
BLL242/0.6/BK-30LED	30W
BLL242/0.8M/BK-30LED	30W



LED Bollard



BLL901

Application

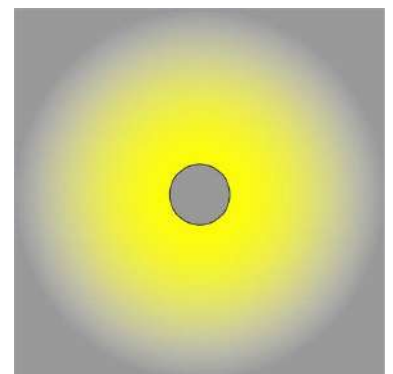
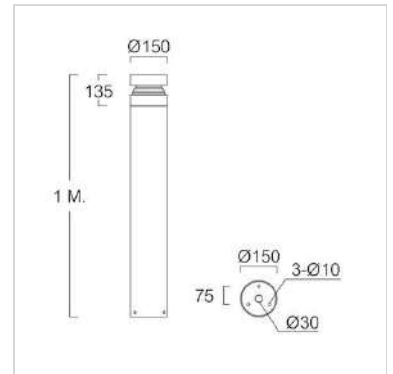
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Front Cover	Frosted polycarbonate
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	Dia.150x1000 mm.
Mounting	Surface
Power	16W
Light Source	LED Module
Colour Temperature	3000K (4000/5700K as optional)
CRI	80
Luminaire Output	1000 lm
Beam Angle	Symmetrical wide beam
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
BLL901/BK-16LED	16W



LED Bollard



TIS BLL903

Application

Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Polycarbonate
Gasket	Silicone rubber
Dimension	Dia.180x260/600/900 mm.
Mounting	Surface
Power	BLL903-0.26M : 6W BLL903-0.6M : 10/15/24W BLL903-0.9M : 10/15/24W

Light Source

Colour Temperature

LED Module
3000K
(4000/5700K as optional)

CRI

Luminaire Output

80
6W : 520 lm (S), 380 lm (A)
10W : 760 lm (S), 630 lm (A)
15W : 1110 lm (S), 880 lm (A)
24W : 1770 lm (S)

Beam Angle

Symmetrical wide beam (S)
Asymmetrical wide beam (A)

Control Gear

Power Supply

Insulation Class

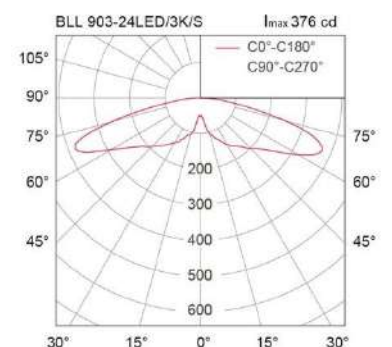
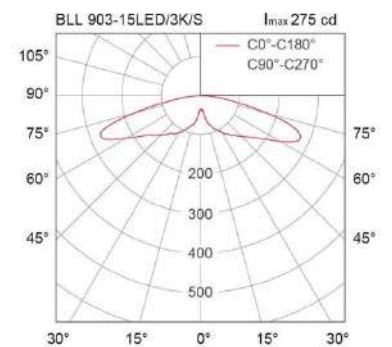
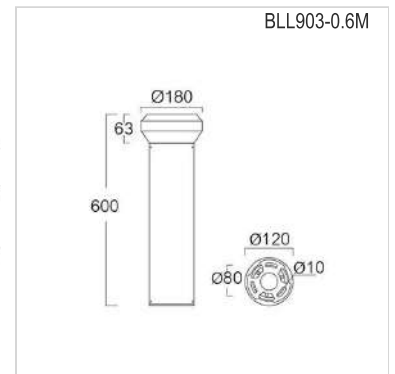
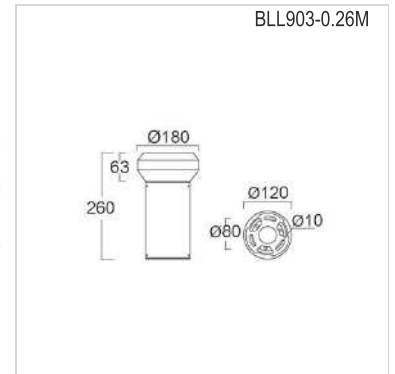
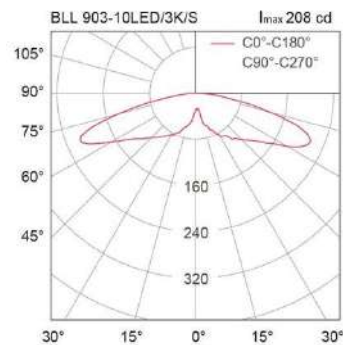
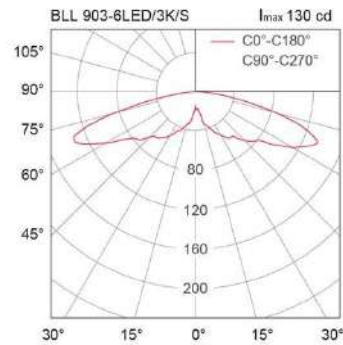
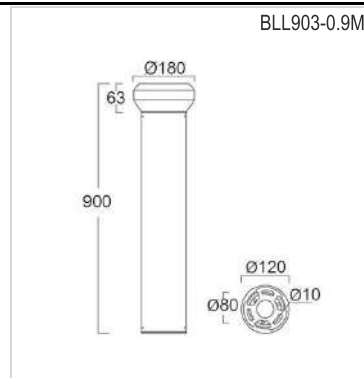
IP Rating

Luminaire Lifetime

Built-in driver
220-240VAC, 50Hz
I
66
50,000 hrs.

Ordering Data

Model	Watt
BLL903/0.26M/BK-6LED	6W
BLL903/0.6M/BK-10LED	10W
BLL903/0.9M/BK-10LED	10W
BLL903/0.6M/BK-15LED	15W
BLL903/0.9M/BK-15LED	15W
BLL903/0.6M/BK-24LED	24W



LED Bollard



BLL401

Application

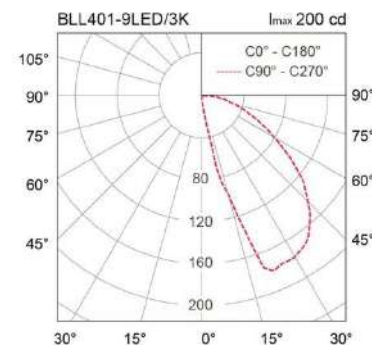
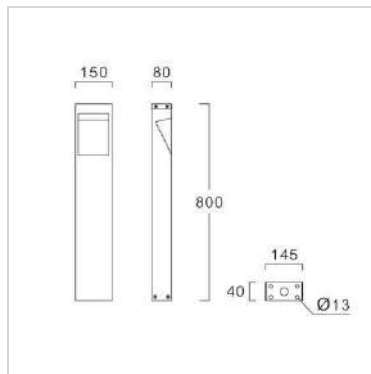
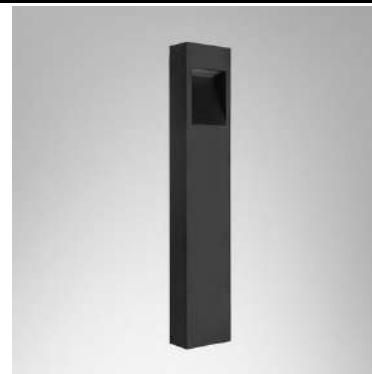
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Front Cover	Frosted glass
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	150x80x800 mm.
Mounting	Surface
Power	9W
Light Source	LED Module
Colour Temperature	3000K (4000/5700K as optional)
CRI	80
Luminaire Output	170 lm
Beam Angle	Asymmetrical medium beam
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
BLL401/0.8M/BK-9LED	9W



BLL402

Application

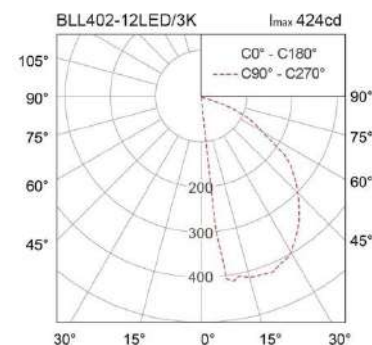
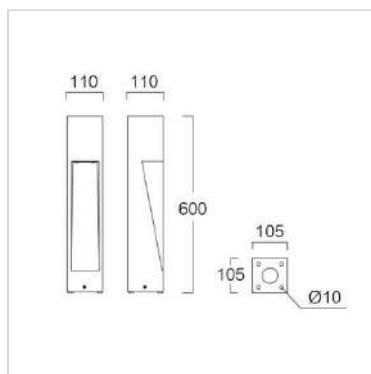
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear glass
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	110x110x600 mm.
Mounting	Surface
Power	12W
Light Source	LED-COB
Colour Temperature	3000K (4000/5700K as optional)
CRI	80
Luminaire Output	240 lm
Beam Angle	Asymmetrical medium beam
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
BLL402/0.6M/BK-12LED	12W



LED Bollard



BLL404

Application

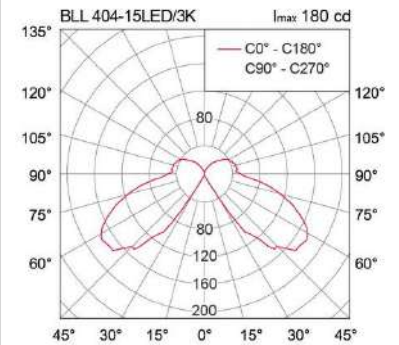
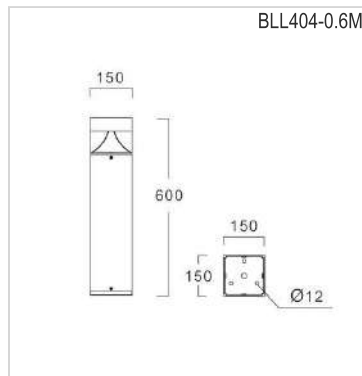
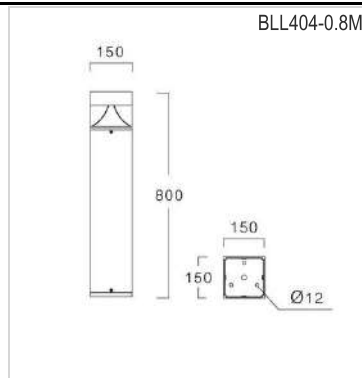
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Reflector	White polycarbonate
Diffuser	Clear acrylic
Gasket	Silicone rubber
Dimension	BLL404-0.6M : 150x150x600 mm. BLL404-0.8M : 150x150x800 mm.
Mounting	Surface
Power	15W
Light Source	LED Module
Colour Temperature	3000/4000K (4000/5700K as optional)
CRI	80
Luminaire Output	880 lm
Beam Angle	Symmetrical wide beam
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
BLL404/0.6M/BK-15LED	15W
BLL404/0.8M/BK-15LED	15W



BLL415

Application

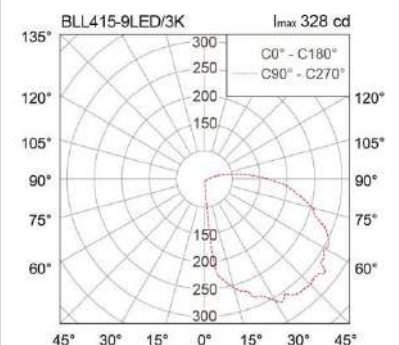
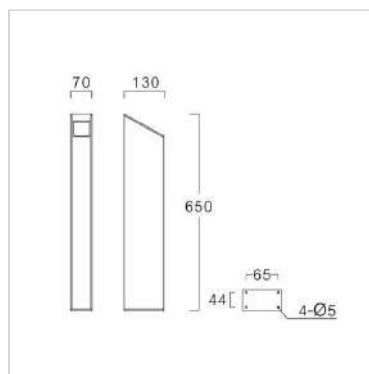
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Front Cover	Frosted glass
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	70x130x650 mm.
Mounting	Surface
Power	9W
Light Source	LED Module
Colour Temperature	3000K (4000/5700K as optional)
CRI	80
Luminaire Output	220 lm
Beam Angle	Asymmetrical wide beam
Control Gear	Built-in driver
Power Supply	220-240VAC 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
BLL415/BK-9LED	9W



LED Bollard



BLL203

Application

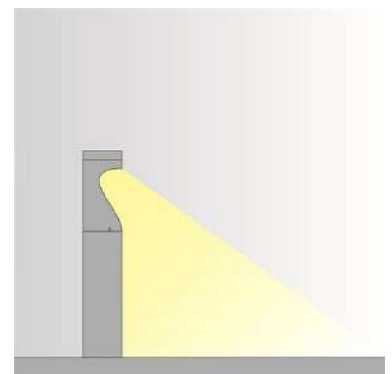
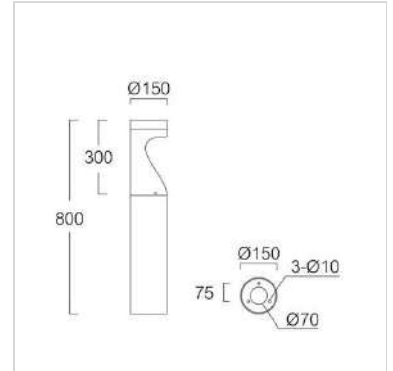
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Front Cover	Frosted polycarbonate
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	Dia.150x800 mm.
Mounting	Surface
Power	10W
Light Source	LED Module
Colour Temperature	3000K (4000/5700K as optional)
CRI	80
Luminaire Output	700 lm
Beam Angle	Asymmetrical wide beam
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
BLL203/BK-10LED	10W



LED Bollard



BLL400

Application

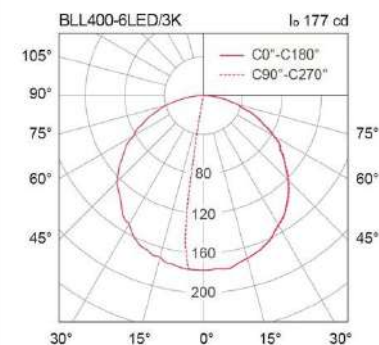
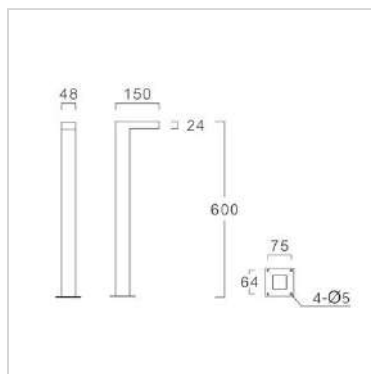
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Front Cover	Opalescent acrylic
Finishing	Powder coated in black
Dimension	48x150x600 mm.
Mounting	Surface
Power	6W
Light Source	LED Module
Colour Temperature	3000K (4000/5700K as optional)
CRI	80
Luminaire Output	330 lm
Beam Angle	Symmetrical medium beam
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
BLL400/BK-6LED	6W



BLL209

Application

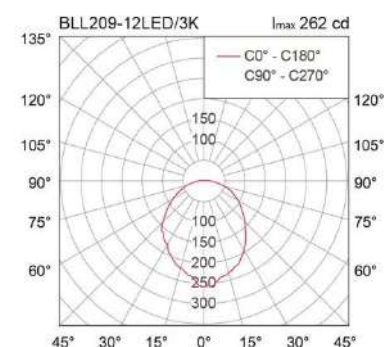
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Diffuser	Opalescent polycarbonate
Gasket	Silicone rubber
Dimension	Dia. 150x650 mm.
Mounting	Ground spike
Power	12W
Light Source	LED Module
Colour Temperature	3000K (4000/5700K as optional)
CRI	80
Luminaire Output	700 lm
Beam Angle	Symmetrical medium beam
Control Gear	Separate switching power supply
Power Supply	24VDC
Insulation Class	III
IP Rating	65
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
BLL209/BK-12LED	12W



LED Bollard



BLL803

Application

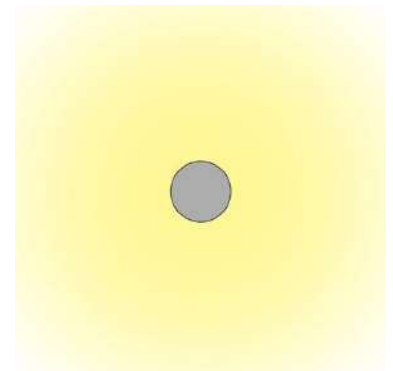
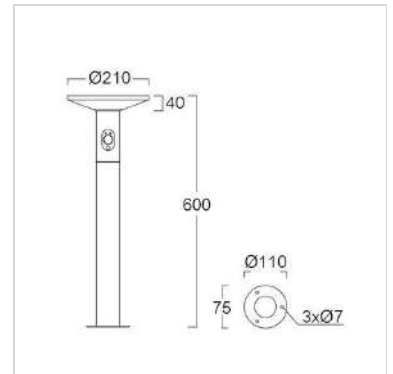
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Description	Off-grid system (Only battery back up) Dimming : 100% when was detected, 15% after no movement for 30 second.
Finishing	Powder coated in black
Charger	Fully automatic solid state with constant voltage and limit current charging
Solar Cell	Polycrystalline silicon
Battery	Lithium ion, 3.7V 2200mAh
Diffuser	Opalescent polycarbonate
Gasket	Silicone rubber
Detector	Motion detector (Microwave sensor)
Dimension	Dia.210x600 mm.
Mounting	Surface
Power	3W
Light Source	LED Module
Colour Temperature	3000K (4000/5700K as optional)
CRI	80
Luminaire Output	150 lm
Beam Angle	Symmetrical medium beam
Control Gear	Built-in driver
IP Rating	55
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
BLL803/BK-3LED	3W



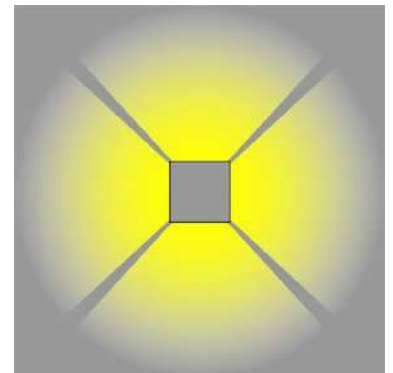
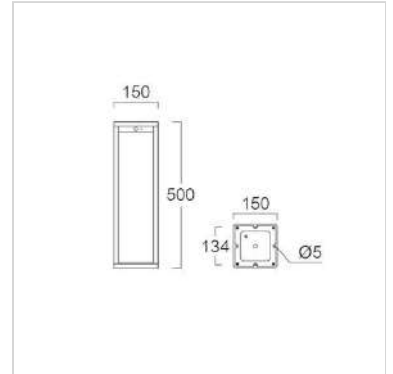
BLL809

Specification

Housing	Die-cast aluminium
Description	Off-grid system (Only battery back up) Dimming : 100% when was detected, 15% after no movement for 30 second.
Finishing	Powder coated in black
Charger	Fully automatic solid state with constant voltage and limit current charging
Solar Cell	Mono-crystalline silicon
Battery	Lithium ion, 3.7V 2200mAh
Gasket	Silicone rubber
Detector	Motion detector (Microwave sensor)
Dimension	150x150x500 mm.
Mounting	Surface
Power	2W
Light Source	LED Module
Colour Temperature	3000K (4000/5700K as optional)
CRI	80
Luminaire Output	240 lm
Beam Angle	Symmetrical wide beam
Control Gear	Built-in driver
IP Rating	55
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
BLL809/BK-2LED	2W



LED Wall Mount Outdoor



STL101

Application

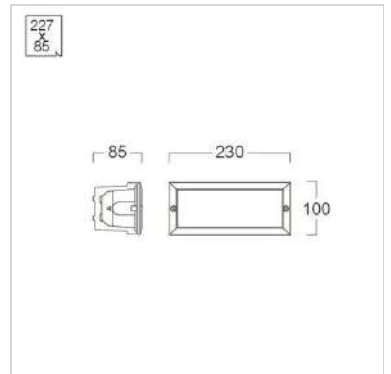
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium
Front Cover	Frosted toughened glass
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	100x230x85 mm.
Cut Out	85x227x90 mm.
Mounting	Recessed
Power	7W
Light Source	LED-BULB
Lamp Holder	E27
Colour Temperature	3000K (4000/6500K as optional)
CRI	80
Lamp Output	630 lm
Power Supply	220VAC,50Hz (L&E lamp) (Other brands lamp are available as optional)
Insulation Class	I
IP Rating	55
Lamp Lifetime	25,000 hrs.

Ordering Data

Model	Watt
STL101/BK-XXLED-E27	MAX.7W



STL102

Application

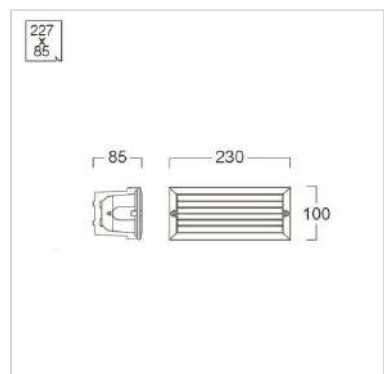
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium
Front Cover	Frosted toughened glass
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	100x230x85 mm.
Cut Out	85x227x90 mm.
Mounting	Recessed
Power	7W
Light Source	LED-BULB
Lamp Holder	E27
Colour Temperature	3000K (4000/6500K as optional)
CRI	80
Lamp Output	630 lm
Power Supply	220VAC,50Hz (L&E lamp) (Other brands lamp are available as optional)
Insulation Class	I
IP Rating	55
Lamp Lifetime	25,000 hrs.

Ordering Data

Model	Watt
STL102/BK-XXLED-E27	MAX.7W



LED Recessed Wall Mount (Outdoor)



STLL405

Application

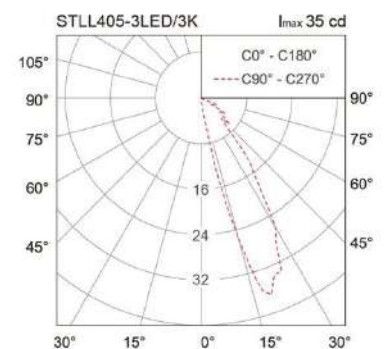
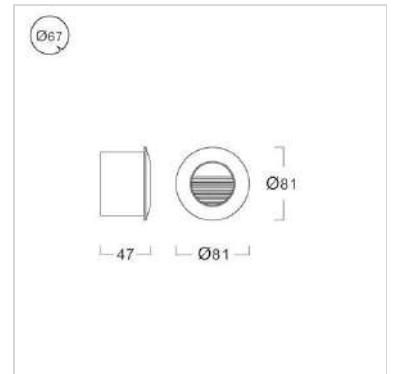
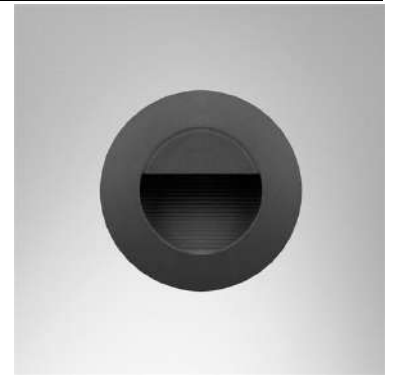
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Front Cover	Frosted glass
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	81x81x47 mm.
Cut Out	Dia.67x65 mm.
Mounting	Recessed in block out made of polypropylene
Power	3W
Light Source	LED Module
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	30 lm
Beam Angle	Asymmetrical medium beam
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
STLL405/BK-3LED	3W



LED Recessed Wall Mount (Outdoor)



STLL402

Application

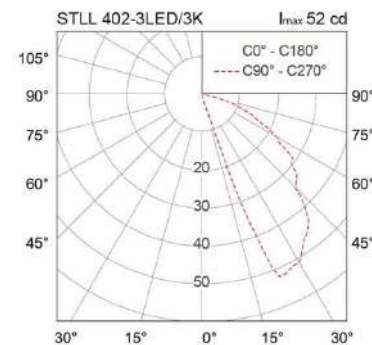
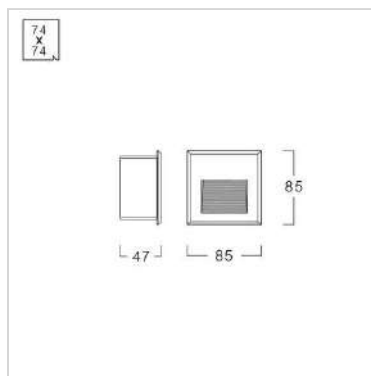
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium
Front Cover	Frosted glass
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	85x85x47 mm.
Cut Out	74x74x65 mm.
Mounting	Recessed in block out made of polypropylene
Power	3W
Light Source	LED Module
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	40 lm
Beam Angle	Asymmetrical medium beam
Control Gear	Built-in driver
Power Supply	220-240VAC,50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
STLL402/BK-3LED	3W



STLL408

Application

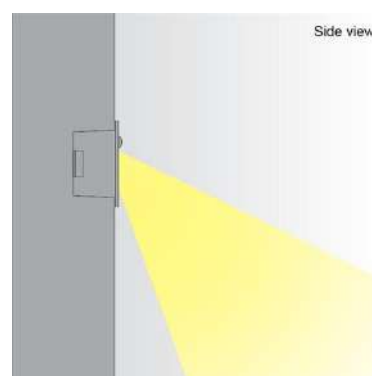
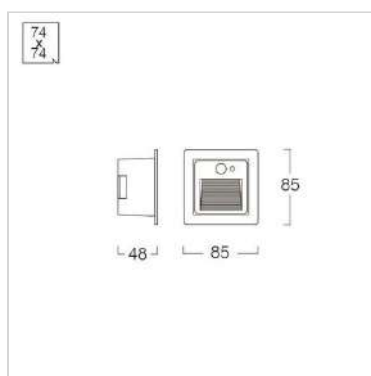
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium
Front Cover	Opalescent polycarbonate
Finishing	Powder coated in black
Gasket	Silicone rubber
Detector	Motion detector and photo sensor
Dimension	85x85x48 mm.
Cut Out	74x74x65 mm.
Mounting	Recessed in block out made of polypropylene
Power	3W
Light Source	LED Module
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	40 lm
Beam Angle	Asymmetrical wide beam
Control Gear	Built-in driver
Power Supply	220-240VAC,50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
STLL408/BK-3LED	3W



LED Recessed Wall Mount (Outdoor)



WLL150

Application

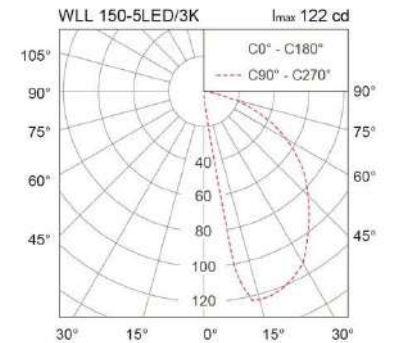
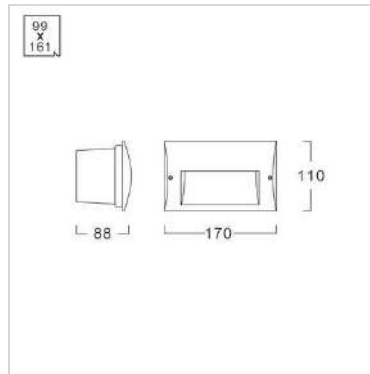
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium
Front Cover	Frosted glass
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	110x170x88 mm.
Cut Out	99x161x105 mm.
Mounting	Recessed in block out made of polypropylene
Power	5W
Light Source	LED Module
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	125 lm
Beam Angle	Asymmetrical medium beam
Control Gear	Built-in driver
Power Supply	220-240VAC,50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
WLL150/BK-5LED	5W



WLL151

Application

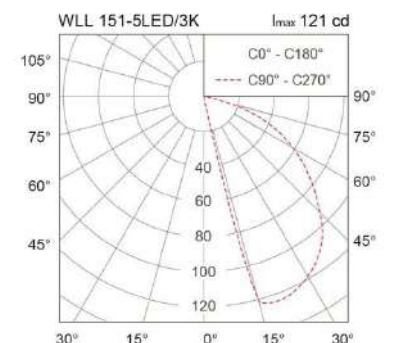
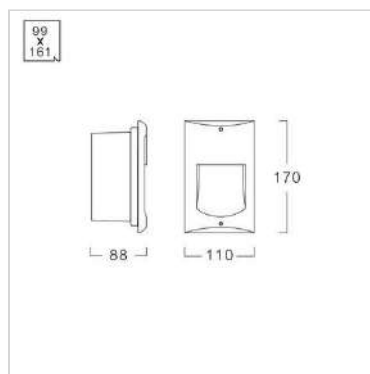
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium
Front Cover	Frosted glass
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	170x110x88 mm.
Cut Out	161x99x105 mm.
Mounting	Recessed in block out made of polypropylene
Power	5W
Light Source	LED Module
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	115 lm
Beam Angle	Asymmetrical medium beam
Control Gear	Built-in driver
Power Supply	220-240VAC,50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
WLL151/BK-5LED	5W



LED Recessed Wall Mount (Outdoor)



WLL153

Application

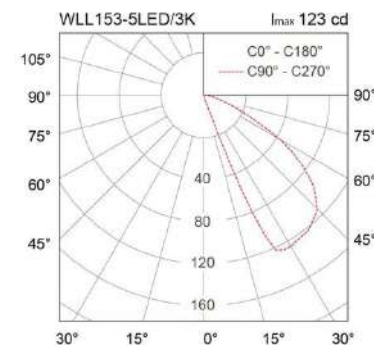
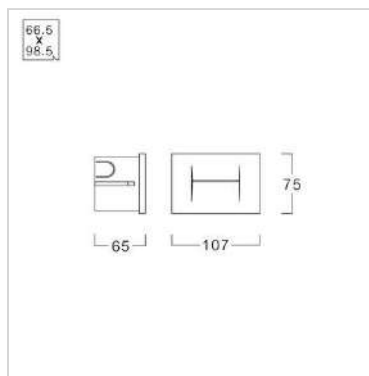
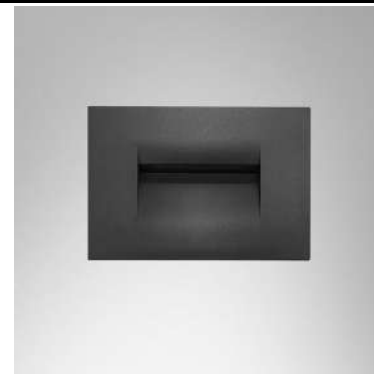
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear polycarbonate
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	75x107x65 mm.
Cut Out	66.5x98.5x70 mm.
Mounting	Recessed in block out made of polypropylene
Power	5W
Light Source	LED Module
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	105 lm
Beam Angle	Asymmetrical medium beam
Control Gear	Built-in driver
Power Supply	220-240VAC,50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
WLL153/BK-5LED	5W



WLL152

Application

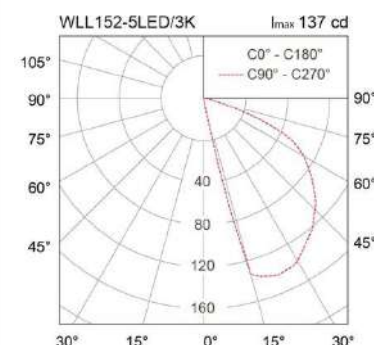
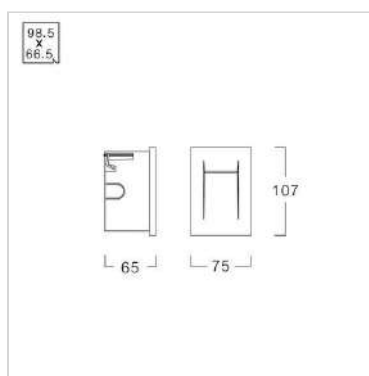
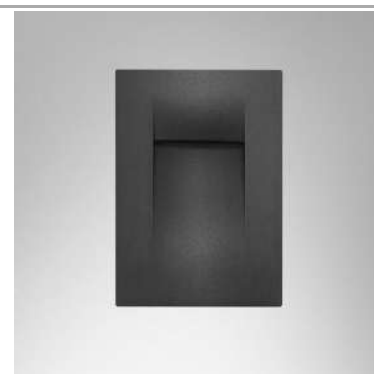
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear polycarbonate
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	107x75x65 mm.
Cut Out	98.5x66.5x70 mm.
Mounting	Recessed in block out made of polypropylene
Power	5W
Light Source	LED Module
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	125 lm
Beam Angle	Asymmetrical medium beam
Control Gear	Built-in driver
Power Supply	220-240VAC,50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
WLL152/BK-5LED	5W



LED Recessed Wall Mount (Outdoor)



TIS WLL154

Application

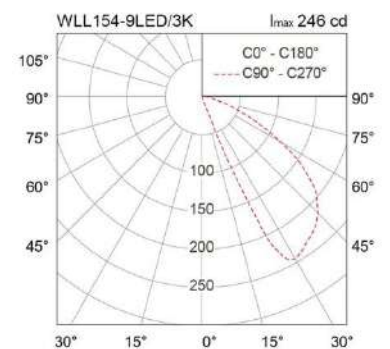
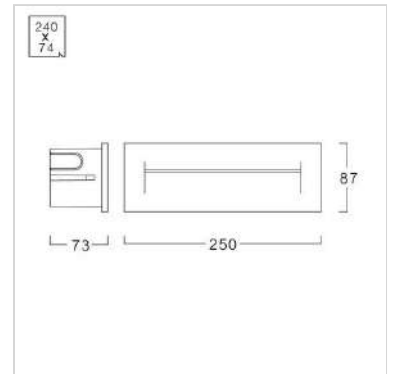
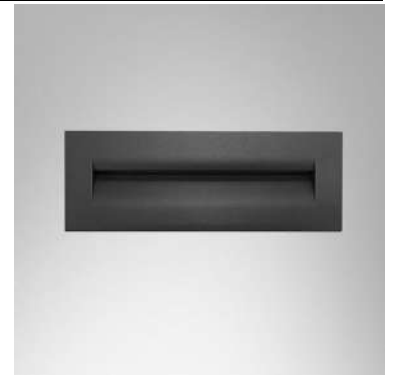
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear polycarbonate
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	87x250x73 mm.
Cut Out	74x240x80 mm.
Mounting	Recessed in block out made of polypropylene
Power	9W
Light Source	LED Module
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	220 lm
Beam Angle	Asymmetrical medium beam
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
WLL154/BK-9LED	9W



LED Recessed Wall Mount (Outdoor)



WLL174

Application

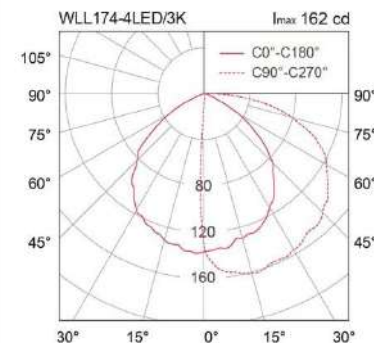
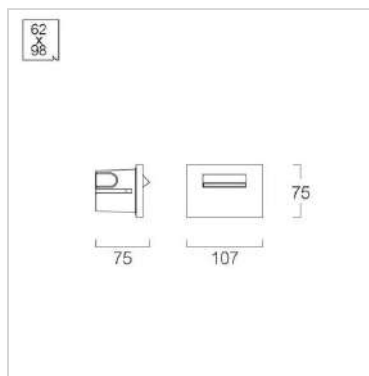
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear polycarbonate
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	75x107x75 mm.
Cut Out	62x98x80 mm.
Mounting	Recessed in block out made of polypropylene
Power	4W
Light Source	LED Module
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	314 lm
Beam Angle	Asymmetrical medium beam
Control Gear	Built-in driver
Power Supply	220-240VAC,50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
WLL174/BK-4LED	4W



WLL175

Application

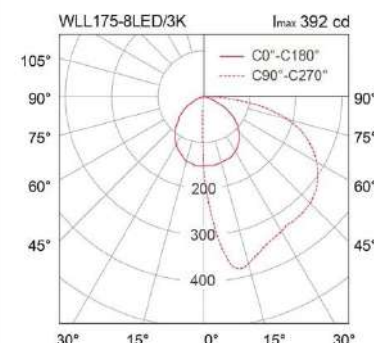
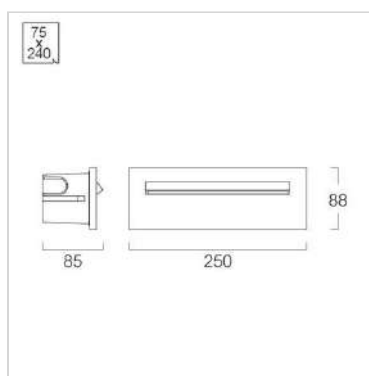
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear polycarbonate
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	88x250x85 mm.
Cut Out	75x240x90 mm.
Mounting	Recessed in block out made of polypropylene
Power	8W
Light Source	LED Module
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	668 lm
Beam Angle	Asymmetrical medium beam
Control Gear	Built-in driver
Power Supply	220-240VAC,50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
WLL175/BK-8LED	8W



LED Recessed Wall Mount (Outdoor)



WLL155

Application

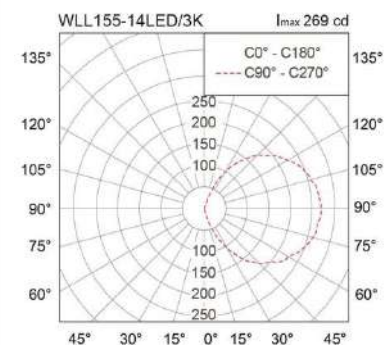
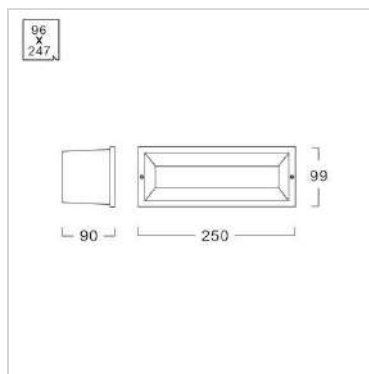
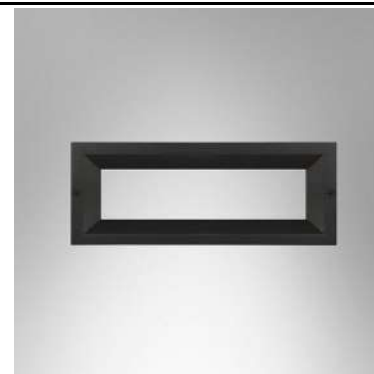
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium
Front Cover	Frosted polycarbonate
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	99x250x90 mm.
Cut Out	96x247x95 mm.
Mounting	Recessed in block out made of polypropylene
Power	14W
Light Source	LED Module
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	700 lm
Beam Angle	Symmetrical wide beam
Control Gear	Built-in driver
Power Supply	220-240VAC,50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
WLL155/BK-14LED	14W



WLL159

Application

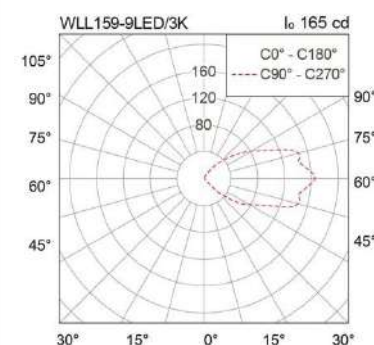
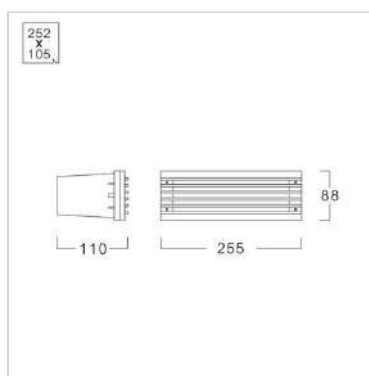
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium
Front Cover	Frosted glass
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	88x255x110 mm.
Cut Out	88x252x115 mm.
Mounting	Recessed in block out made of polypropylene
Power	9W
Light Source	LED Module
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	230 lm
Beam Angle	Symmetrical wide beam
Control Gear	Built-in driver
Power Supply	220-240VAC,50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
WLL159/BK-9LED	9W



LED Wall Mount Outdoor



WMS220

Application

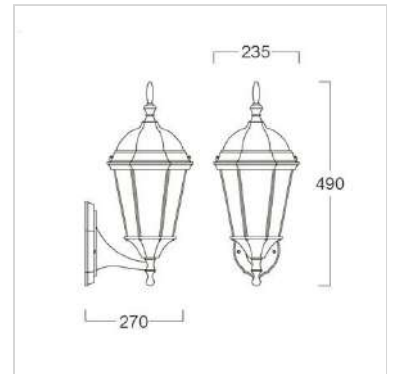
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Diffuser	Clear glass
Cable Entry	Silicone rubber grommet
Dimension	235x270x490 mm.
Mounting	Surface
Power	12W
Light Source	LED-BULB
Lamp Holder	E27
Colour Temperature	3000K (4000/6500K as optional)
CRI	80
Lamp Output	1050 lm
Power Supply	220VAC,50Hz (L&E lamp) (Other brands lamp are available as optional)
Insulation Class	I
IP Rating	44
Lamp Lifetime	15,000 hrs.

Ordering Data

Model	Watt
WMS220/BK-XXLED-E27	MAX.10W



WMS345

Application

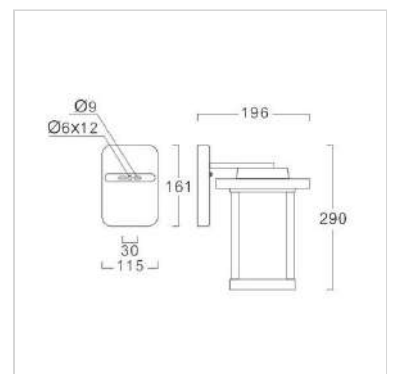
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die cast aluminium
Finishing	Powder coated in black
Diffuser	Clear glass
Gasket	Silicone rubber
Dimension	196x290x115 mm.
Mounting	Surface
Power	9W
Light Source	LED-BULB
Lamp Holder	E27
Colour Temperature	3000K (4000/6500K as optional)
CRI	80
Lamp Output	810 lm
Power Supply	220VAC 50Hz (L&E lamp) (Other brands lamp are available as optional)
Insulation Class	I
IP Rating	44
Lamp Lifetime	15,000 hrs.

Ordering Data

Model	Watt
WMS345/BK-XXLED-E27	MAX.9W



LED Wall Mount Outdoor



WMS212/S

Application

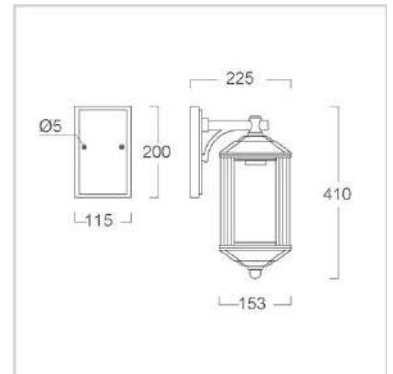
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Diffuser	Clear glass
Gasket	Silicone rubber
Dimension	115x225x410 mm.
Mounting	Surface
Power	9W
Light Source	LED-BULB
Lamp Holder	E27
Colour Temperature	3000K (4000/6500K as optional)
CRI	80
Lamp Output	810 lm
Power Supply	220VAC,50Hz (L&E lamp) (Other brands lamp are available as optional)
Insulation Class	I
IP Rating	44
Lamp Lifetime	15,000 hrs.

Ordering Data

Model	Watt
WMS212/S/BK-XXLED-E27	MAX.9W



WMS212/L

Application

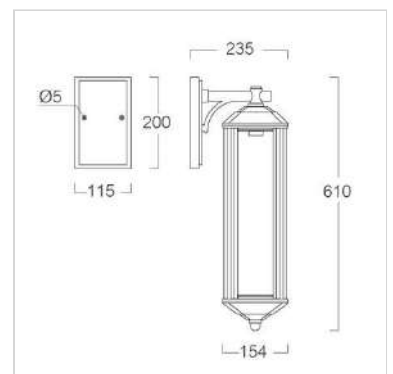
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Diffuser	Clear glass
Gasket	Silicone rubber
Dimension	115x235x610 mm.
Mounting	Surface
Power	12W
Light Source	LED-BULB
Lamp Holder	E27
Colour Temperature	3000K (4000/6500K as optional)
CRI	80
Lamp Output	1050 lm
Power Supply	220VAC,50Hz (L&E lamp) (Other brands lamp are available as optional)
Insulation Class	I
IP Rating	44
Lamp Lifetime	15,000 hrs.

Ordering Data

Model	Watt
WMS212/L/BK-XXLED-E27	MAX.12W



LED Wall Mount Outdoor



TIS WMS213/S

Application

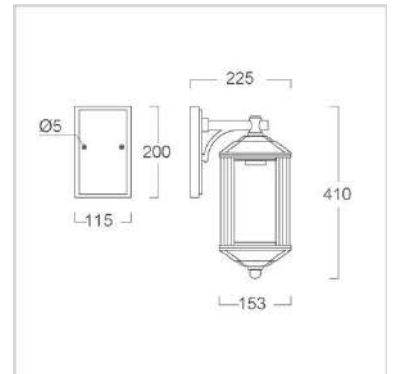
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Diffuser	Clear patterned glass
Gasket	Silicone rubber
Dimension	115x225x410 mm.
Mounting	Surface
Power	9W
Light Source	LED-BULB
Lamp Holder	E27
Colour Temperature	3000K (4000/6500K as optional)
CRI	80
Lamp Output	810 lm
Power Supply	220VAC,50Hz (L&E lamp) (Other brands lamp are available as optional)
Insulation Class	I
IP Rating	44
Lamp Lifetime	15,000 hrs.

Ordering Data

Model	Watt
WMS213/S/CL/BK-XXLED-E27	MAX.9W



TIS WMS213/L

Application

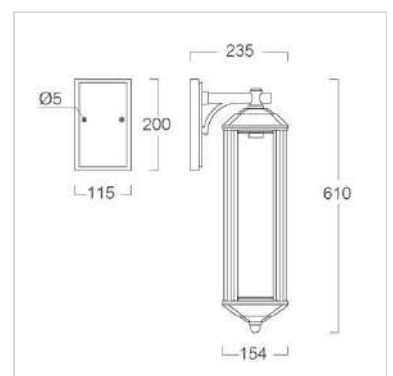
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Diffuser	Clear patterned glass
Gasket	Silicone rubber
Dimension	115x235x610 mm.
Mounting	Surface
Power	12W
Light Source	LED-BULB
Lamp Holder	E27
Colour Temperature	3000K (4000/6500K as optional)
CRI	80
Lamp Output	1050 lm
Power Supply	220VAC,50Hz (L&E lamp) (Other brands lamp are available as optional)
Insulation Class	I
IP Rating	44
Lamp Lifetime	15,000 hrs.

Ordering Data

Model	Watt
WMS213/L/CL/BK-XXLED-E27	MAX.12W



LED Wall Mount Outdoor



WMS022

Application

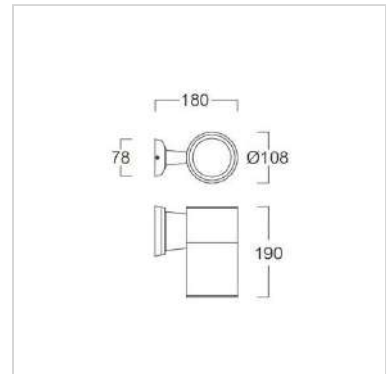
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	108x180x190 mm.
Mounting	Surface
Power	7W
Light Source	LED-BULB
Lamp Holder	E27
Colour Temperature	3000K (4000/6500K as optional)
CRI	80
Lamp Output	630 lm
Power Supply	220VAC,50Hz (L&E lamp) (Other brands lamp are available as optional)
Insulation Class	I
IP Rating	55
Lamp Lifetime	25,000 hrs.

Ordering Data

Model	Watt
WMS022/BK-XXLED-E27	MAX.7W



WMD022

Application

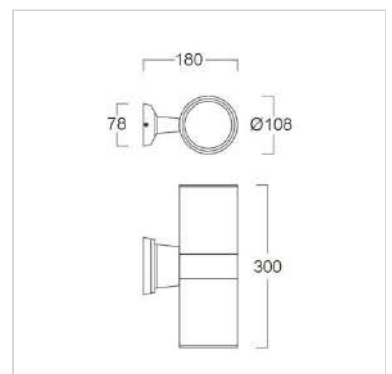
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	108x180x300 mm.
Mounting	Surface
Power	2x7W
Light Source	LED-BULB
Lamp Holder	E27
Colour Temperature	3000K (4000/6500K as optional)
CRI	80
Lamp Output	2x630 lm
Power Supply	220VAC,50Hz (L&E lamp) (Other brands lamp are available as optional)
Insulation Class	I
IP Rating	55
Lamp Lifetime	25,000 hrs.

Ordering Data

Model	Watt
WMD022/BK-XXLED-E27	MAX.14W



LED Wall Mount Outdoor



WMS042

Application

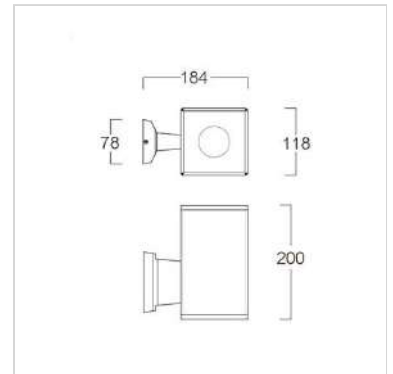
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	118x184x200 mm.
Mounting	Surface
Power	10W
Light Source	LED-BULB
Lamp Holder	E27
Colour Temperature	3000K (4000/6500K as optional)
CRI	80
Lamp Output	980 lm
Power Supply	220VAC,50Hz (L&E lamp) (Other brands lamp are available as optional)
Insulation Class	I
IP Rating	55
Lamp Lifetime	25,000 hrs.

Ordering Data

Model	Watt
WMS042/BK-XXLED-E27	MAX.10W



WMD042

Application

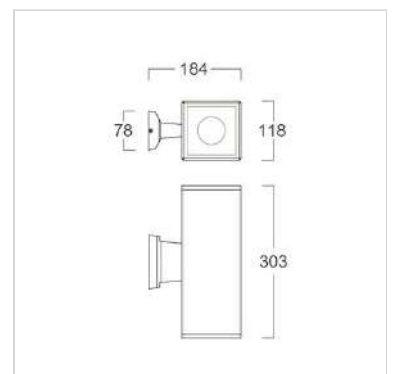
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	118x184x303 mm.
Mounting	Surface
Power	2x10W
Light Source	LED-BULB
Lamp Holder	E27
Colour Temperature	3000K (4000/6500K as optional)
CRI	80
Lamp Output	2x980 lm
Power Supply	220VAC,50Hz (L&E lamp) (Other brands lamp are available as optional)
Insulation Class	I
IP Rating	55
Lamp Lifetime	25,000 hrs.

Ordering Data

Model	Watt
WMD042/BK-XXLED-E27	MAX.20W



LED Wall Mount Outdoor



WMS038

Application

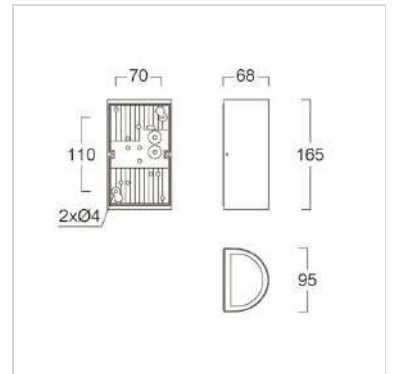
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	95x165x68 mm.
Mounting	Surface
Power	7W
Light Source	LED-PAR16
Lamp Holder	GU10
Colour Temperature	3000K (4000K as optional)
CRI	80
Lamp Output	620 lm
Power Supply	220VAC,50Hz (L&E lamp) (Other brands lamp are available as optional)
Insulation Class	I
IP Rating	65
Lamp Lifetime	15,000 hrs.

Ordering Data

Model	Watt
WMS038/BK-GU10	MAX.7W



WMD038

Application

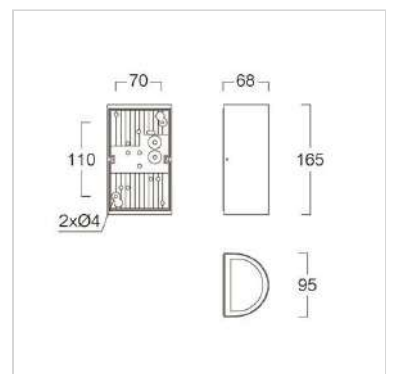
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	95x165x68 mm.
Mounting	Surface
Power	2x7W
Light Source	LED-PAR16
Lamp Holder	GU10
Colour Temperature	3000K (4000K as optional)
CRI	80
Lamp Output	2x620 lm
Power Supply	220VAC,50Hz (L&E lamp) (Other brands lamp are available as optional)
Insulation Class	I
IP Rating	65
Lamp Lifetime	15,000 hrs.

Ordering Data

Model	Watt
WMD038/BK-2xGU10	MAX.14W



LED Wall Mount Outdoor



WMS039

Application

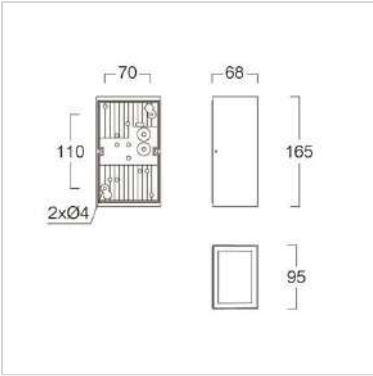
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	95x165x68 mm.
Mounting	Surface
Power	7W
Light Source	LED-PAR16
Lamp Holder	GU10
Colour Temperature	3000K (4000K as optional)
CRI	80
Lamp Output	620 lm
Power Supply	220VAC,50Hz (L&E lamp) (Other brands lamp are available as optional)
Insulation Class	I
IP Rating	65
Lamp Lifetime	15,000 hrs.

Ordering Data

Model	Watt
WMS039/BK-GU10	MAX.7W



WMD039

Application

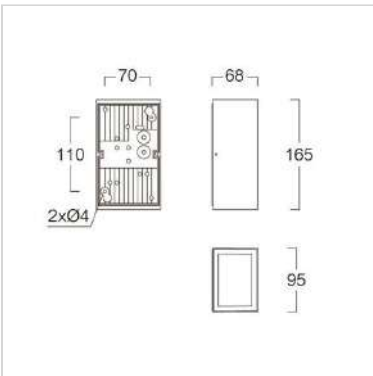
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	95x165x68 mm.
Mounting	Surface
Power	2x7W
Light Source	LED-PAR16
Lamp Holder	GU10
Colour Temperature	3000K (4000K as optional)
CRI	80
Lamp Output	2x620 lm
Power Supply	220VAC,50Hz (L&E lamp) (Other brands lamp are available as optional)
Insulation Class	I
IP Rating	55
Lamp Lifetime	15,000 hrs.

Ordering Data

Model	Watt
WMD039/BK-2xGU10	MAX.14W



LED Wall Mount Outdoor



WMS710

Application

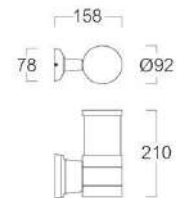
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Diffuser	Frosted cylindrical toughened glass
Gasket	Silicone rubber
Dimension	92x158x210 mm.
Mounting	Surface
Power	7W
Light Source	LED-BULB
Lamp Holder	E27
Colour Temperature	3000K (4000/6500K as optional)
CRI	80
Lamp Output	630 lm
Power Supply	220VAC,50Hz (L&E lamp) (Other brands lamp are available as optional)
Insulation Class	I
IP Rating	55
Lamp Lifetime	25,000 hrs.

Ordering Data

Model	Watt
WMS710/BK-XXLED-E27	MAX.7W



WMS711

Application

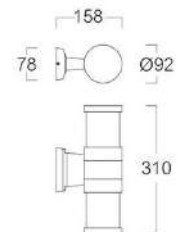
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Diffuser	Frosted toughened glass
Gasket	Silicone rubber
Dimension	92x158x310 mm.
Mounting	Surface
Power	2x7W
Light Source	LED-BULB
Lamp Holder	E27
Colour Temperature	3000K (4000/6500K as optional)
CRI	80
Lamp Output	2x630 lm
Power Supply	220VAC,50Hz (L&E lamp) (Other brands lamp are available as optional)
IP Rating	55
Lamp Lifetime	25,000 hrs.

Ordering Data

Model	Watt
WMS711/BK-XXLED-2xE27	MAX.14W



LED Wall Mount Outdoor



WMS714

Application

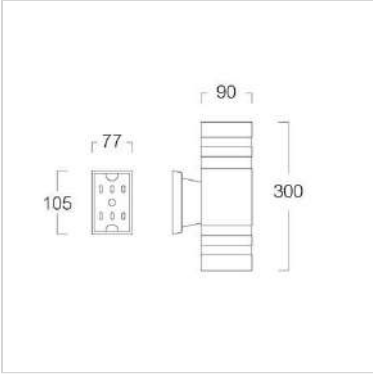
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear polycarbonate
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	90x154x300 mm.
Mounting	Surface
Power	2x9W
Light Source	LED-BULB
Lamp Holder	E27
Colour Temperature	3000K (4000/6500K as optional)
CRI	80
Lamp Output	2x810 lm
Power Supply	220VAC,50Hz (L&E lamp) (Other brands lamp are available as optional)
Insulation Class	I
IP Rating	54
Lamp Lifetime	25,000 hrs.

Ordering Data

Model	Watt
WMS714/BK-XXLED-2xE27	MAX.18W



WMS715

Application

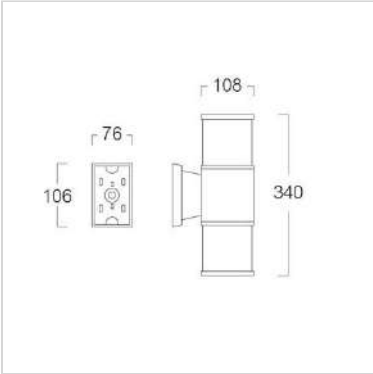
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Louver	Anodized aluminium
Diffuser	Clear toughened glass
Gasket	Silicone rubber
Dimension	108x118x340 mm.
Mounting	Surface
Power	2x9W
Light Source	LED-BULB
Lamp Holder	E27
Colour Temperature	3000K (4000/6500K as optional)
CRI	80
Lamp Output	2x810 lm
Power Supply	220VAC,50Hz (L&E lamp) (Other brands lamp are available as optional)
Insulation Class	I
IP Rating	54
Lamp Lifetime	25,000 hrs.

Ordering Data

Model	Watt
WMS715/BK-XXLED-2xE27	MAX.18W



LED Wall Mount Outdoor



WMS717

Application

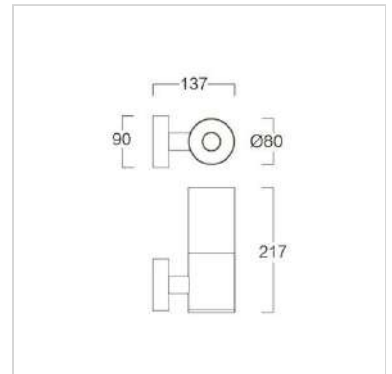
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Diffuser	Smoky color toughened glass
Gasket	Silicone rubber
Dimension	80x137x217 mm.
Mounting	Surface
Power	7W
Light Source	LED-BULB
Lamp Holder	E27
Colour Temperature	3000K (4000/6500K as optional)
CRI	80
Lamp Output	630 lm
Power Supply	220VAC,50Hz (L&E lamp) (Other brands lamp are available as optional)
Insulation Class	I
IP Rating	55
Lamp Lifetime	25,000 hrs.

Ordering Data

Model	Watt
WMS717/BK-XXLED-E27	MAX.7W



WMD717

Application

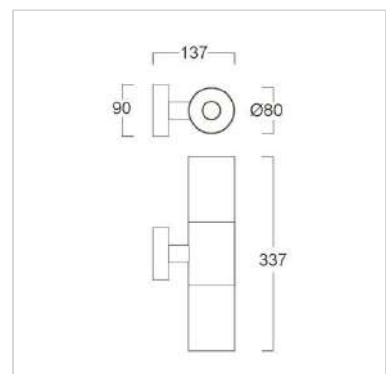
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Diffuser	Smoky color toughened glass
Gasket	Silicone rubber
Dimension	80x137x337 mm.
Mounting	Surface
Power	2x7W
Light Source	LED-BULB
Lamp Holder	E27
Colour Temperature	3000K (4000/6500K as optional)
CRI	80
Lamp Output	2x630 lm
Power Supply	220VAC,50Hz (L&E lamp) (Other brands lamp are available as optional)
Insulation Class	I
IP Rating	55
Lamp Lifetime	25,000 hrs.

Ordering Data

Model	Watt
WMD717/BK-XXLED-E27	MAX.14W



LED Wall Mount Outdoor



WMS900

Application

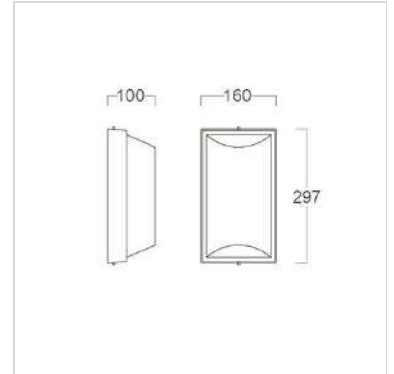
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Black polycarbonate
Diffuser	Opalescent acrylic
Gasket	Silicone rubber
Dimension	160x297x100 mm.
Mounting	Surface
Power	10W
Light Source	LED-BULB
Lamp Holder	E27
Colour Temperature	3000K (4000/6500K as optional)
CRI	80
Lamp Output	980 lm
Power Supply	220VAC, 50Hz (L&E lamp) (Other brands lamp are available as optional)
Insulation Class	I
IP Rating	43
Lamp Lifetime	25,000 hrs.

Ordering Data

Model	Watt
WMS900/BK-XXLED-E27	MAX. 10W



LED Surface Wall Mount (Outdoor)



WLL331

Application

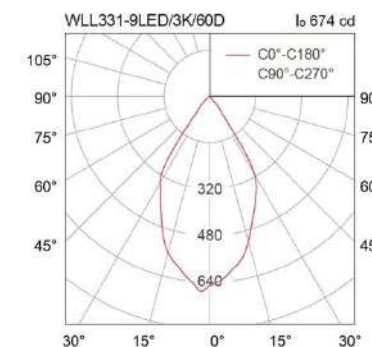
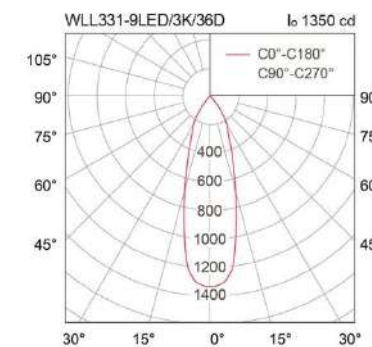
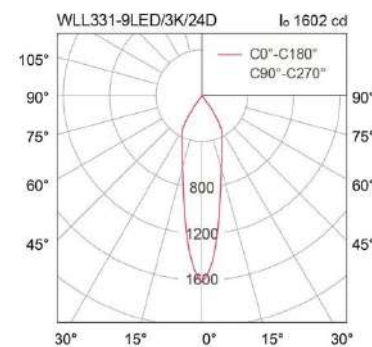
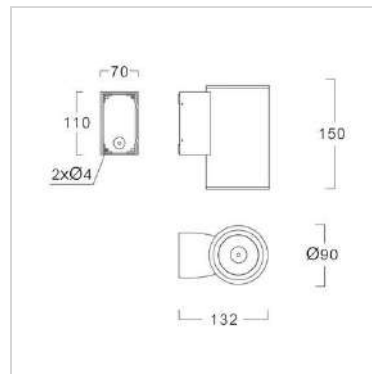
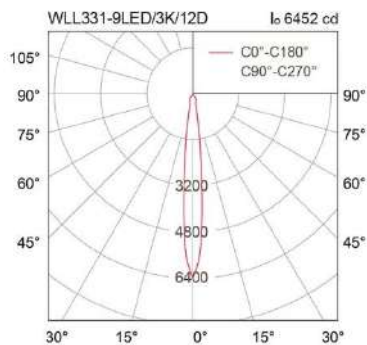
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in black
Reflector	Anodized aluminium
Gasket	Silicone rubber
Dimension	90x132x150 mm.
Mounting	Surface
Power	9W
Light Source	LED-COB
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	575/560/555/545 lm
Beam Angle	12/24/36/60 degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
WLL331/BK-9LED	9W



LED Surface Wall Mount (Outdoor)



WLL332

Application

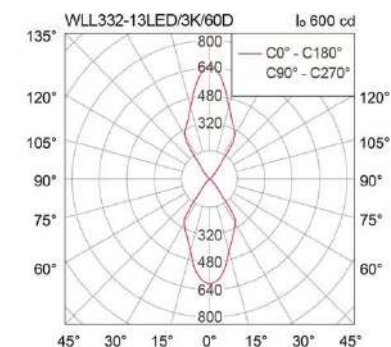
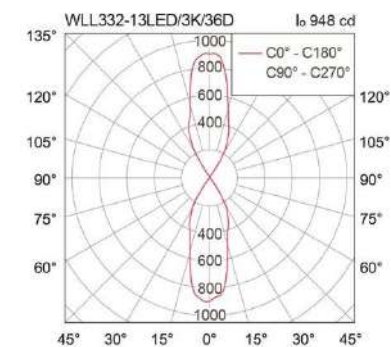
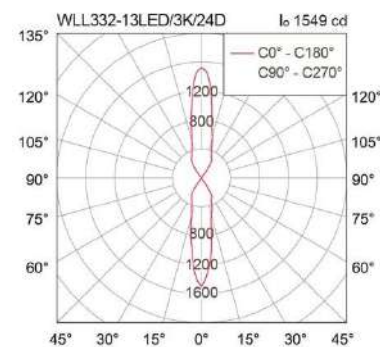
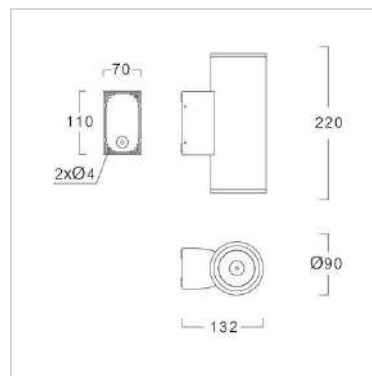
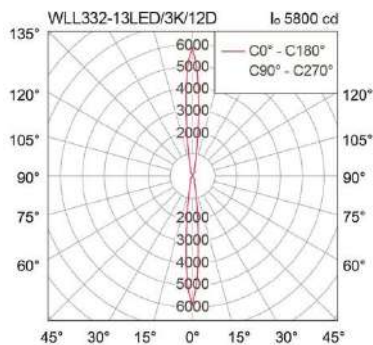
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in black
Reflector	Anodized aluminium
Gasket	Silicone rubber
Dimension	90x132x220 mm.
Mounting	Surface
Power	13W
Light Source	LED-COB
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	1045/1005/960/930 lm
Beam Angle	12/24/36/60 degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
WLL332/BK-13LED	13W



LED Surface Wall Mount (Outdoor)



WLL341

Application

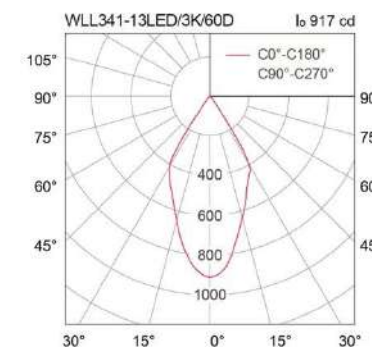
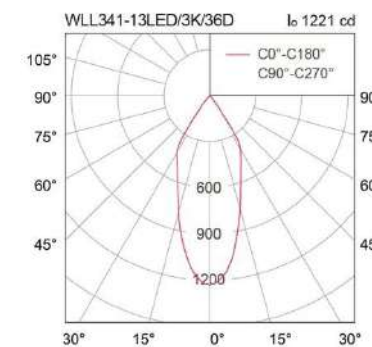
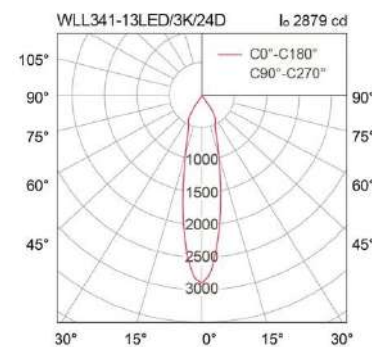
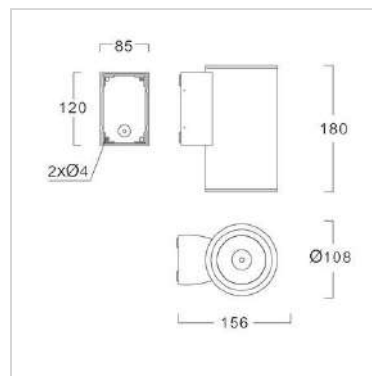
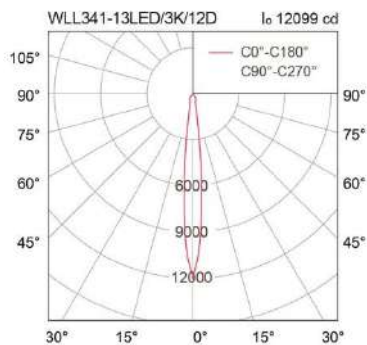
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in black
Reflector	Anodized aluminium
Gasket	Silicone rubber
Dimension	108x156x180 mm.
Mounting	Surface
Power	13W
Light Source	LED-COB
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	1045/840/695/670 lm
Beam Angle	12/24/36/60 degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
WLL341/BK-13LED	13W



LED Surface Wall Mount (Outdoor)



WLL342

Application

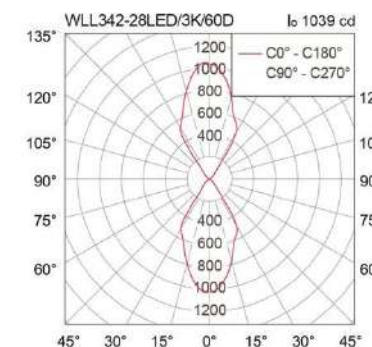
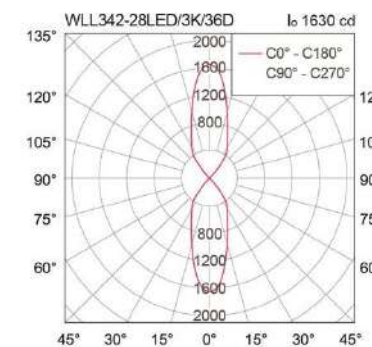
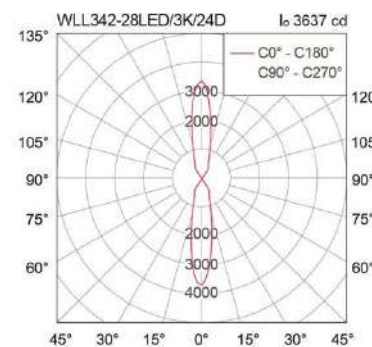
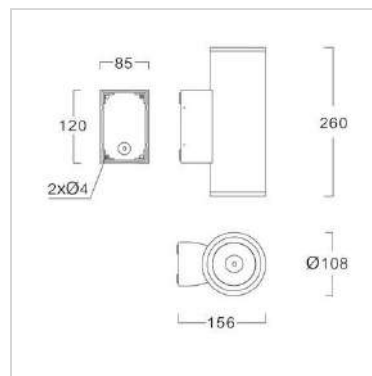
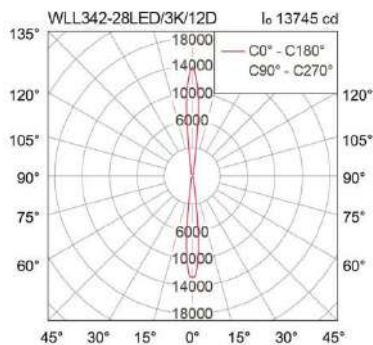
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in black
Reflector	Anodized aluminium
Gasket	Silicone rubber
Dimension	108x156x260 mm.
Mounting	Surface
Power	28W
Light Source	LED-COB
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	2375/2030/1680/1660 lm
Beam Angle	12/24/36/60 degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
WLL342/BK-28LED	28W



LED Surface Wall Mount (Outdoor)



TIS WLL351

Application

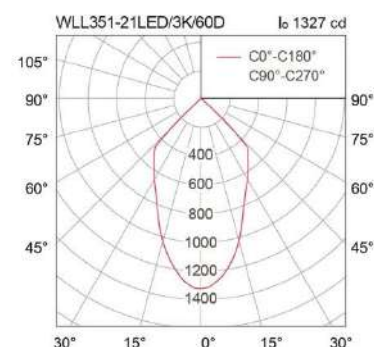
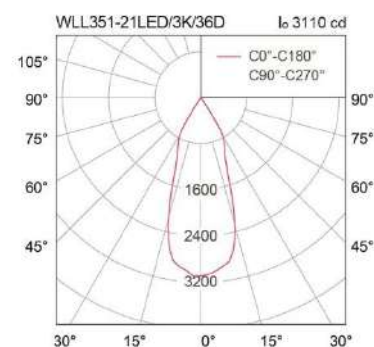
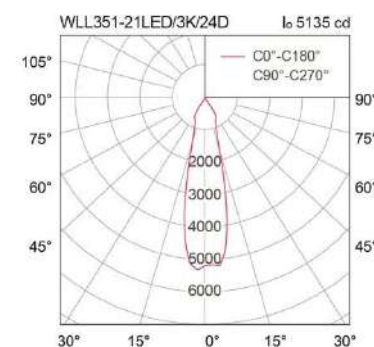
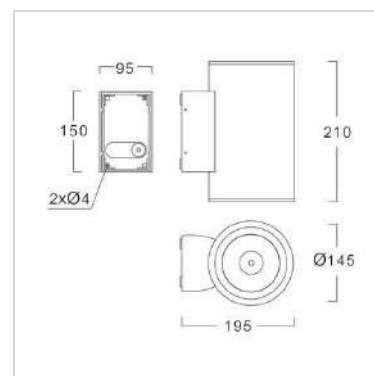
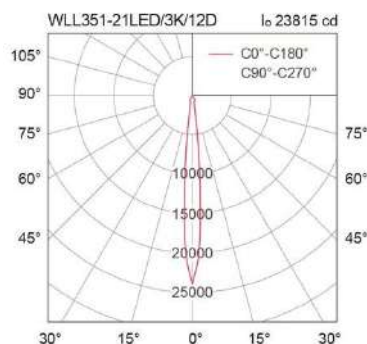
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in black
Reflector	Anodized aluminium
Gasket	Silicone rubber
Dimension	145x195x210 mm.
Mounting	Surface
Power	21W
Light Source	LED-COB
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	1580/1560/1500/1485 lm
Beam Angle	12/24/36/60 degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
WLL351/BK-21LED	21W



LED Surface Wall Mount (Outdoor)



WLL352

Application

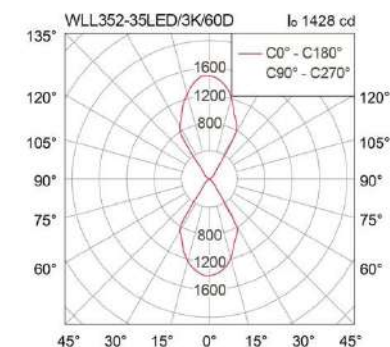
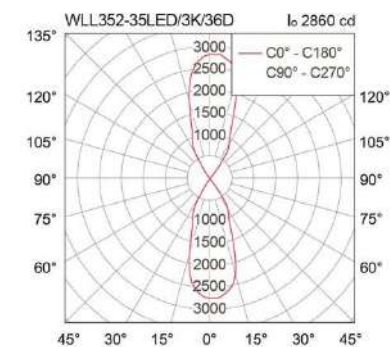
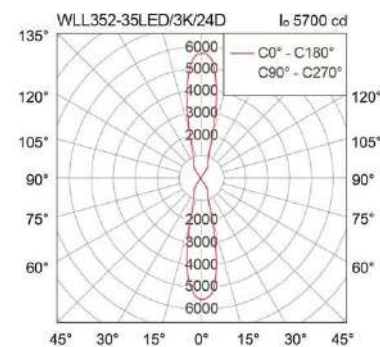
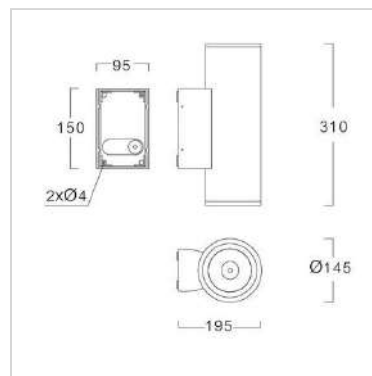
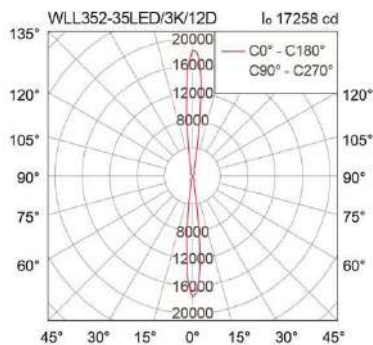
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in black
Reflector	Anodized aluminium
Gasket	Silicone rubber
Dimension	145x195x310 mm.
Mounting	Surface
Power	35W
Light Source	LED-COB
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	3060/3040/2985/2495 lm
Beam Angle	12/24/36/60 degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
WLL352/BK-35LED	35W



LED Surface Wall Mount (Outdoor)



WLL431

Application

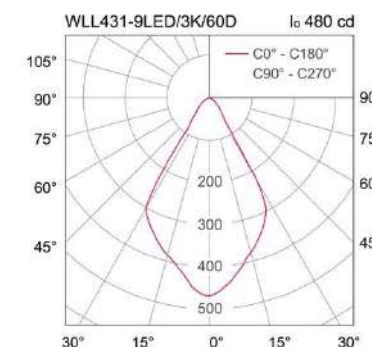
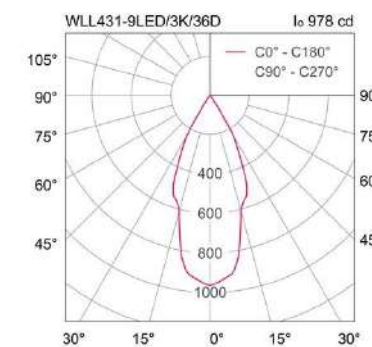
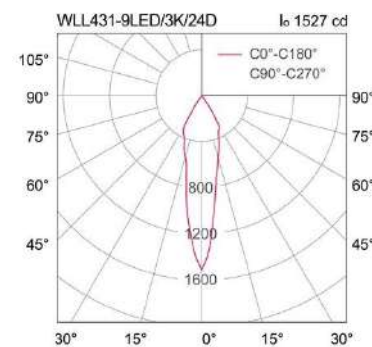
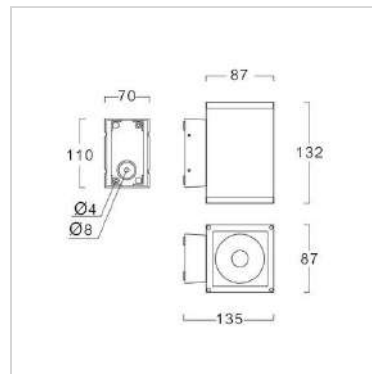
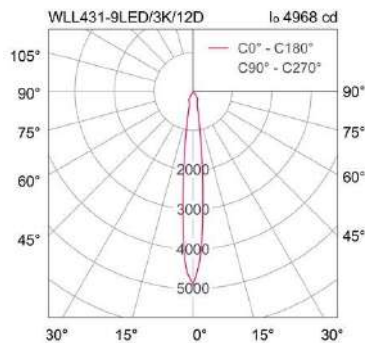
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in black
Reflector	Anodized aluminium
Gasket	Silicone rubber
Dimension	87x135x132 mm.
Mounting	Surface
Power	9W
Light Source	LED-COB
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	505/500/485/430 lm
Beam Angle	12/24/36/60 degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
WLL431/BK-9LED	9W



LED Surface Wall Mount (Outdoor)



TIS WLL432

Application

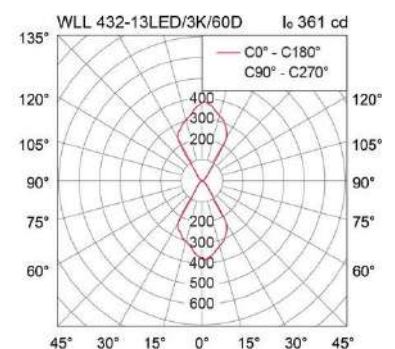
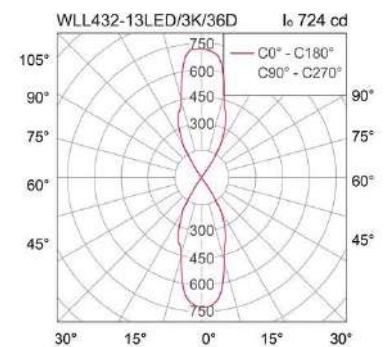
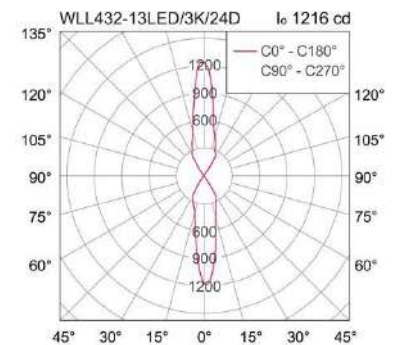
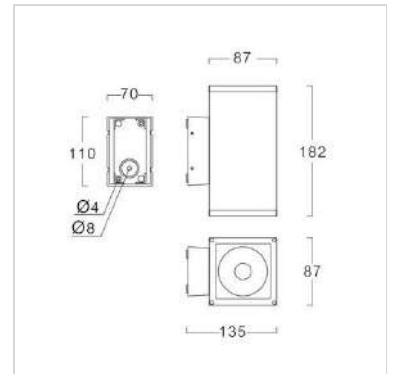
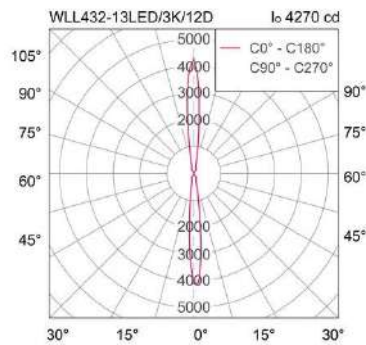
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in black
Reflector	Anodized aluminium
Gasket	Silicone rubber
Dimension	87x135x182 mm.
Mounting	Surface
Power	13W
Light Source	LED-COB
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	820/805/740/680 lm
Beam Angle	12/24/36/60 degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
WLL432/BK-13LED	13W



LED Surface Wall Mount (Outdoor)



WLL441

Application

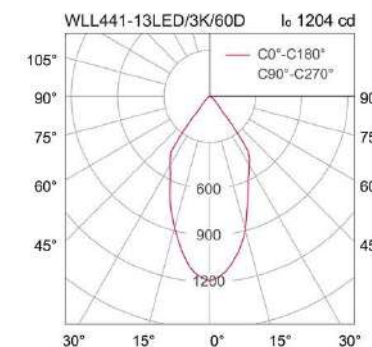
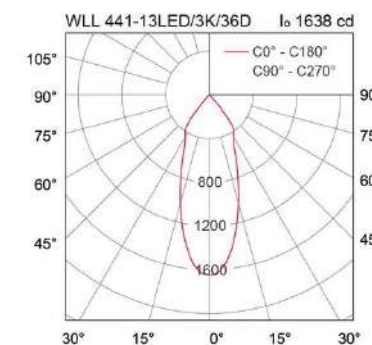
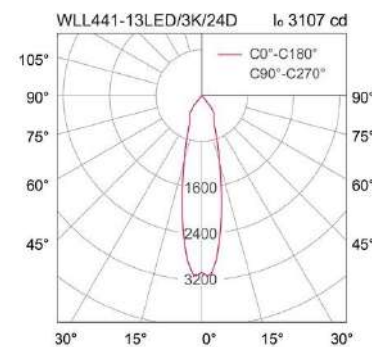
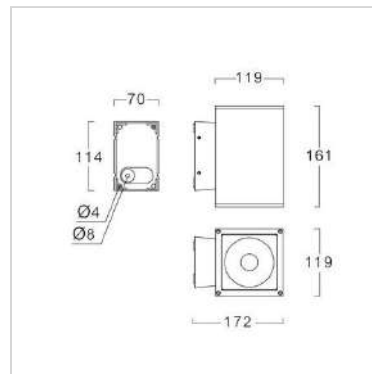
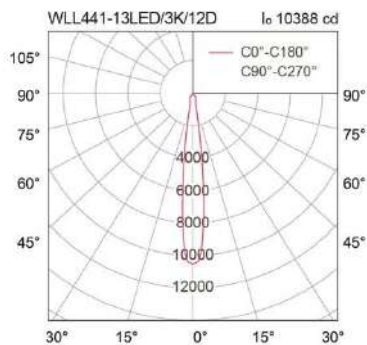
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in black
Reflector	Anodized aluminium
Gasket	Silicone rubber
Dimension	119x172x161 mm.
Mounting	Surface
Power	13W
Light Source	LED-COB
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	980/974/890/880 lm
Beam Angle	12/24/36/60 degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
WLL441/BK-13LED	13W



LED Surface Wall Mount (Outdoor)



WLL442

Application

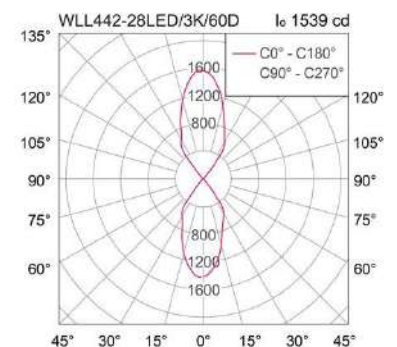
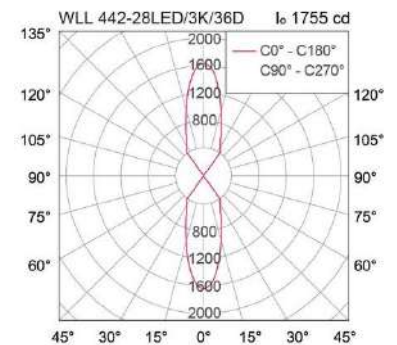
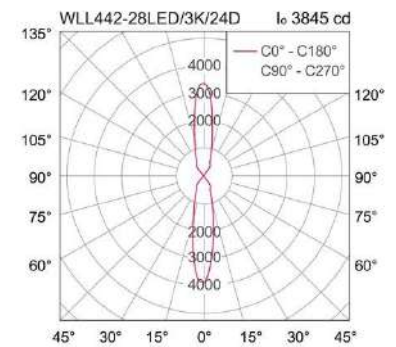
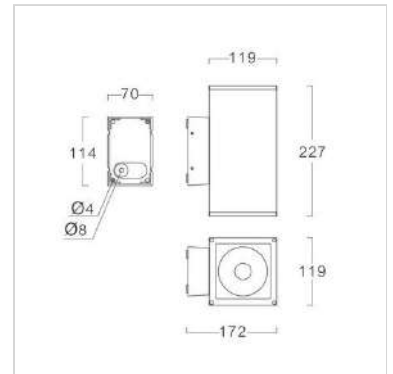
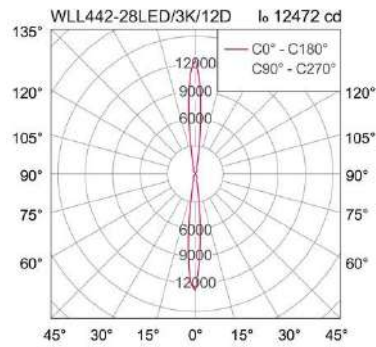
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in black
Reflector	Anodized aluminium
Gasket	Silicone rubber
Dimension	119x172x227 mm.
Mounting	Surface
Power	28W
Light Source	LED-COB
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	2360/2275/2100/2210 lm
Beam Angle	12/24/36/60 degree
Control Gear	Built-in driver
Power Supply	220-240VAC,50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
WLL442/BK-28LED	28W



LED Surface Wall Mount (Outdoor)



TIS WLL461

Application

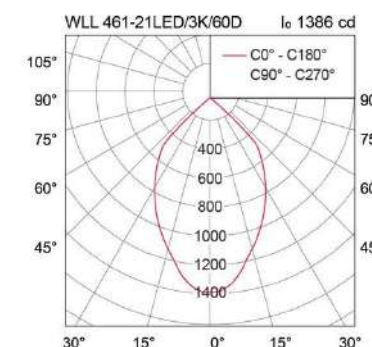
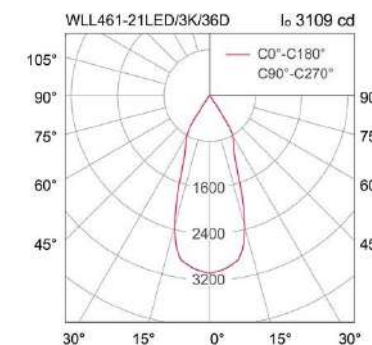
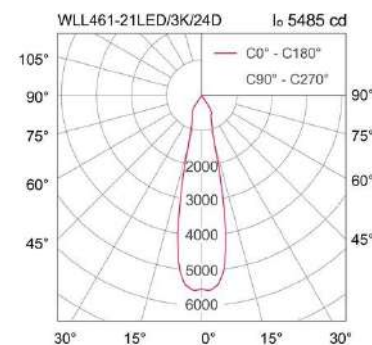
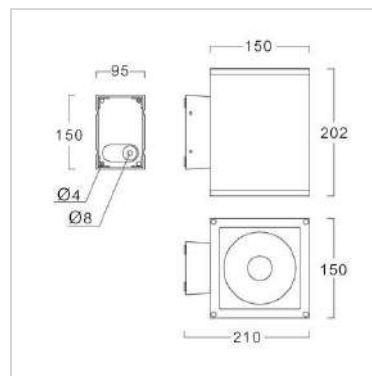
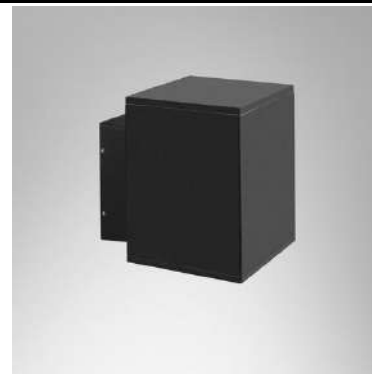
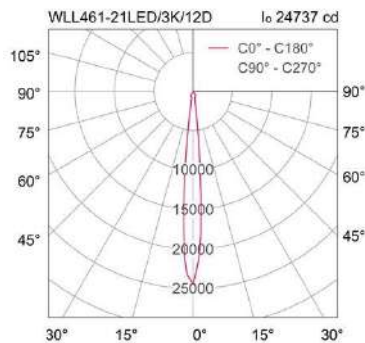
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in black
Reflector	Anodized aluminium
Gasket	Silicone rubber
Dimension	150x210x202 mm.
Mounting	Surface
Power	21W
Light Source	LED-COB
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	1540/1535/1530/1350 lm
Beam Angle	12/24/36/60 degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
WLL461/BK-21LED	21W



LED Surface Wall Mount (Outdoor)



WLL462

Application

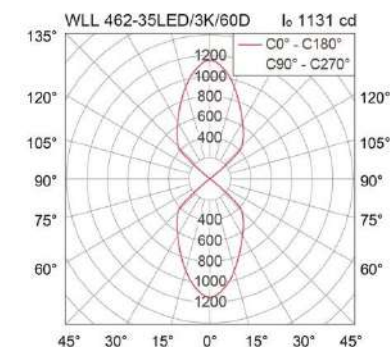
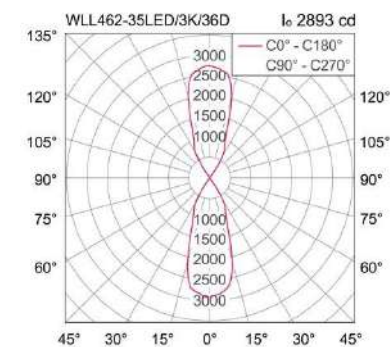
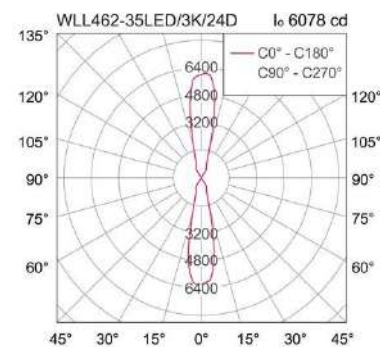
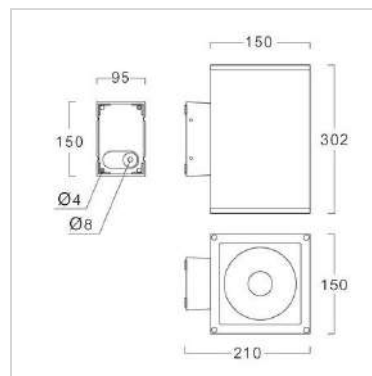
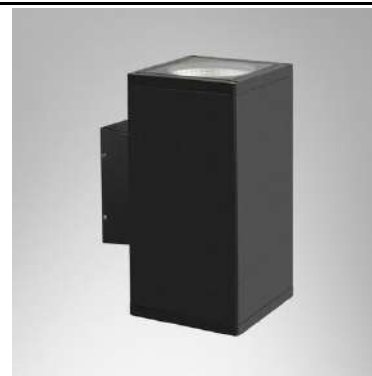
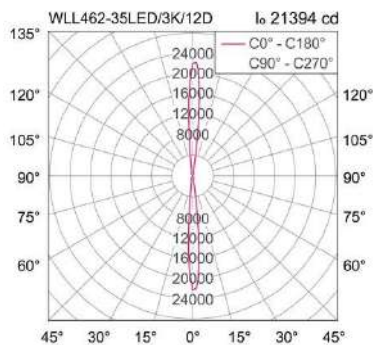
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in black
Reflector	Anodized aluminium
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	150x210x302 mm.
Mounting	Surface
Power	35W
Light Source	LED-COB
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	2930/2915/2790/2660 lm
Beam Angle	12/24/36/60 degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
WLL462/BK-35LED	35W



LED Surface Wall Mount (Outdoor)



WLL463

Application

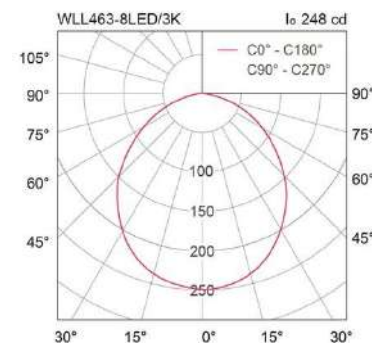
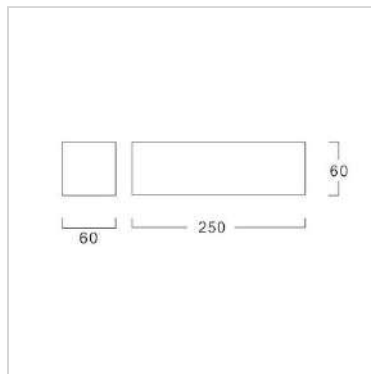
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium
Front Cover	Frosted toughened glass
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	250x60x60 mm.
Mounting	Surface
Power	8W
Light Source	LED Module
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	620 lm
Beam Angle	Down light, medium beam
Control Gear	Built-in driver
Power Supply	220-240VAC,50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
WLL463/BK-8LED	8W



WLL464

Application

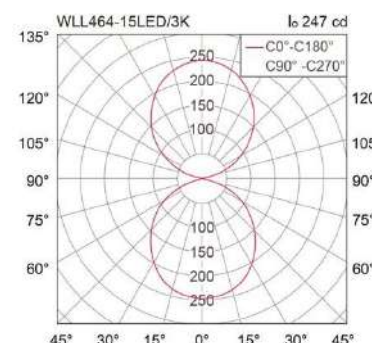
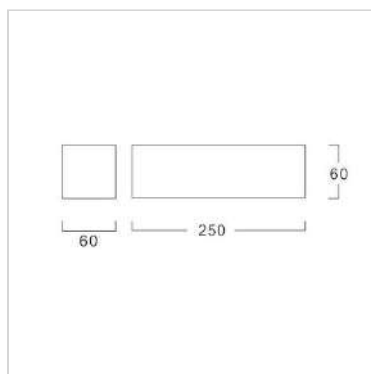
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium
Front Cover	Frosted toughened glass
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	250x60x60 mm.
Mounting	Surface
Power	15W
Light Source	LED Module
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	1180 lm
Beam Angle	Up and Down light, medium beam
Control Gear	Built-in driver
Power Supply	220-240VAC,50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
WLL464/BK-15LED	15W



LED Surface Wall Mount (Outdoor)



WLL465

Application

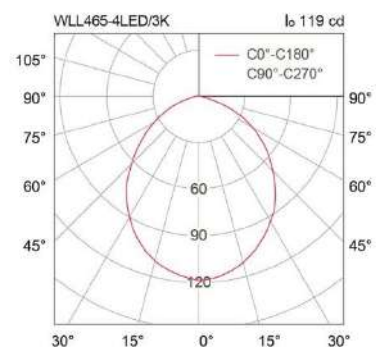
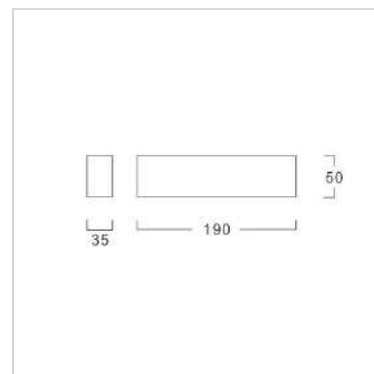
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Front Cover	Frosted toughened glass
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	190x35x50 mm.
Mounting	Surface
Power	4W
Light Source	LED Module
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	225 lm
Beam Angle	Down light , medium beam
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
WLL465/BK-4LED	4W



LED Surface Wall Mount (Outdoor)



WLL467

Application

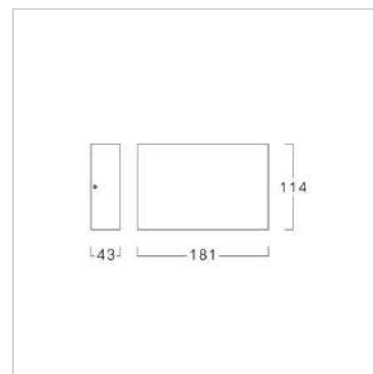
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

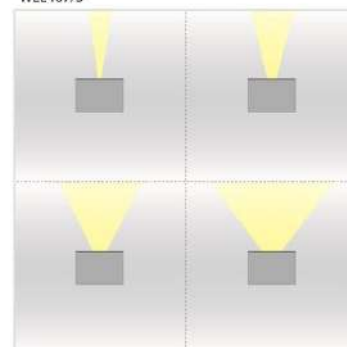
Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	181x43x114 mm.
Mounting	Surface
Power	/S : 5W /D : 12W
Light Source	LED-COB
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	440 lm
Beam Angle	Adjustable by sliding front cover
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.
Remarks	/S : Single side /D : Double side

Ordering Data

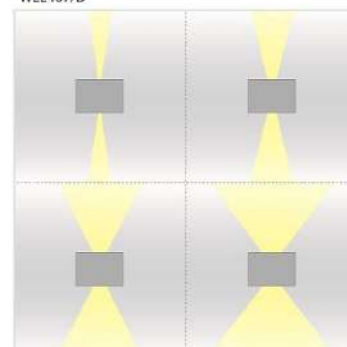
Model	Watt
WLL467/S/BK-5LED	5W
WLL467/D/BK-12LED	12W



WLL467/S



WLL467/D



LED Surface Wall Mount (Outdoor)



WLL471

Application

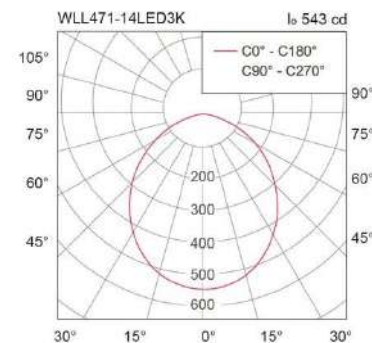
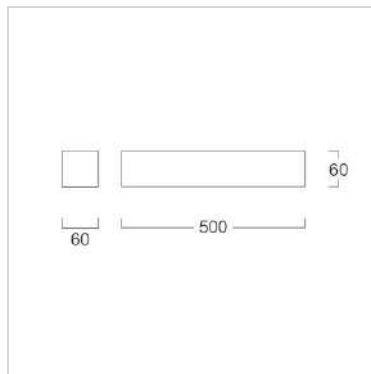
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium
Front Cover	Frosted toughened glass
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	500x60x60 mm.
Mounting	Surface
Power	14W
Light Source	LED Module
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	1290 lm
Beam Angle	Down light, medium beam
Control Gear	Built-in driver
Power Supply	220-240VAC,50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
WLL471/BK-14LED	14W



WLL472

Application

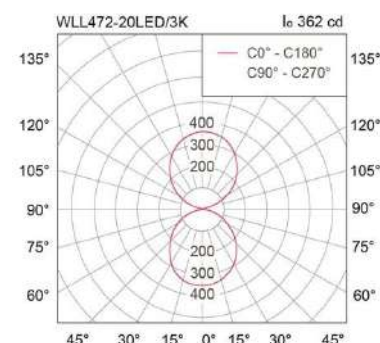
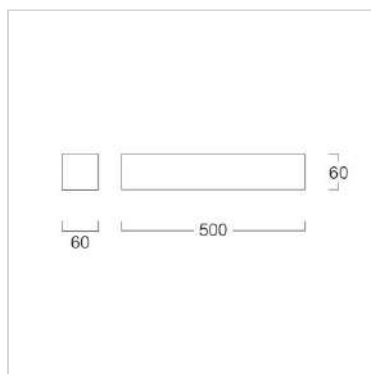
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium
Front Cover	Frosted toughened glass
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	500x60x60 mm.
Mounting	Surface
Power	20W
Light Source	LED Module
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	1700 lm
Beam Angle	Up and Down light, medium beam
Control Gear	Built-in driver
Power Supply	220-240VAC,50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
WLL472/BK-20LED	20W



LED Surface Wall Mount (Outdoor)



WLL443

Application

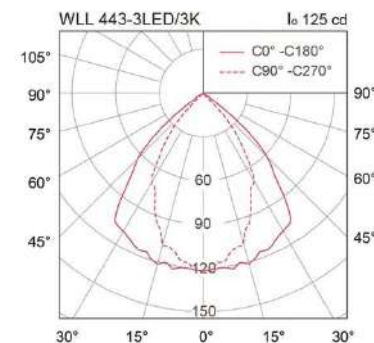
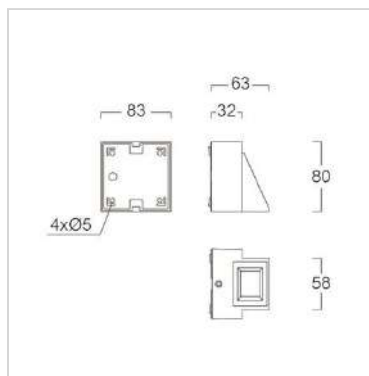
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in black
Reflector	Anodized aluminium
Gasket	Silicone rubber
Dimension	83x80x63 mm.
Mounting	Surface
Power	3W
Light Source	LED-COB
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	180 lm
Beam Angle	Down light, medium beam
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
WLL443/BK-3LED	3W



WLL444

Application

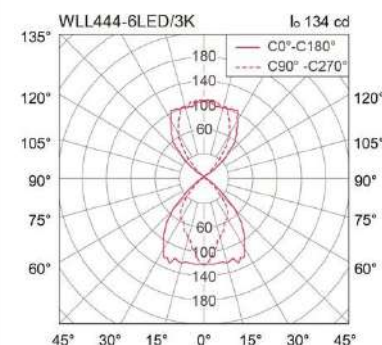
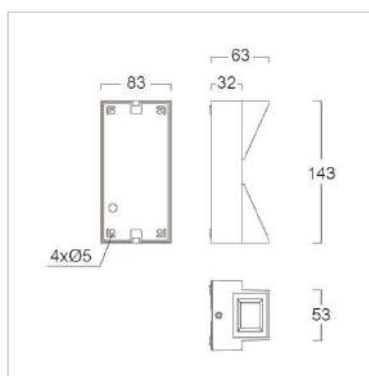
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in black
Reflector	Anodized aluminium
Gasket	Silicone rubber
Dimension	83x143x63 mm.
Mounting	Surface
Power	6W
Light Source	LED-COB
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	350 lm
Beam Angle	Up and Down light, medium beam
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
WLL444/BK-6LED	6W



LED Surface Wall Mount (Outdoor)



WLL121

Application

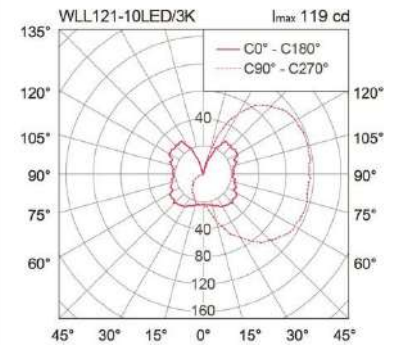
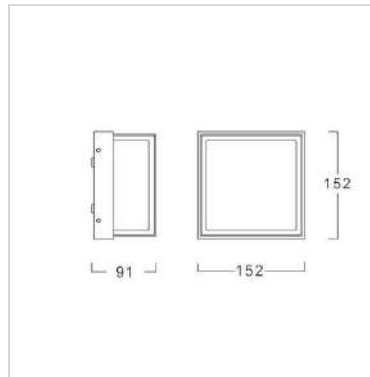
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Diffuser	Double layer polycarbonate (opalescent + clear)
Gasket	Silicone rubber
Dimension	152x152x91 mm.
Mounting	Surface
Power	10W
Light Source	LED Module
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	620 lm
Beam Angle	Symmetrical wide beam
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
WLL121/BK-10LED	10W



WLL122

Application

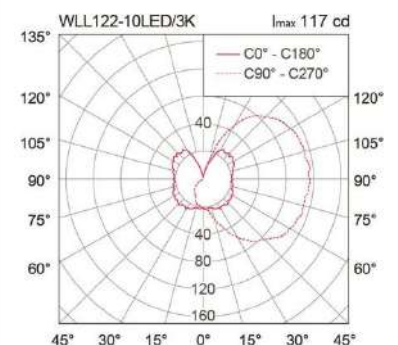
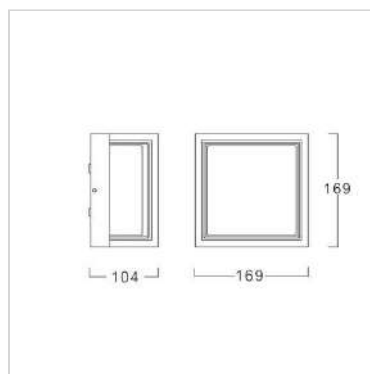
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Diffuser	Double layer polycarbonate (opalescent + clear)
Gasket	Silicone rubber
Dimension	169x169x104 mm.
Mounting	Surface
Power	10W
Light Source	LED Module
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	550 lm
Beam Angle	Symmetrical wide beam
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
WLL122/BK-10LED	10W



LED Surface Wall Mount (Outdoor)



WLL123

Application

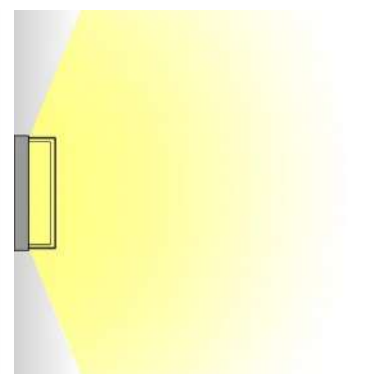
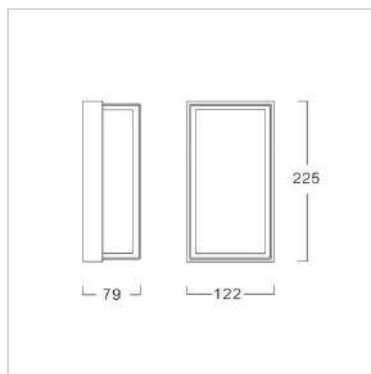
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Diffuser	Double layer polycarbonate (opalescent + clear)
Gasket	Silicone rubber
Dimension	122x225x79 mm.
Mounting	Surface
Power	10W
Light Source	LED Module
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	570 lm
Beam Angle	Symmetrical wide beam
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
WLL123/BK-10LED	10W



WLL124

Application

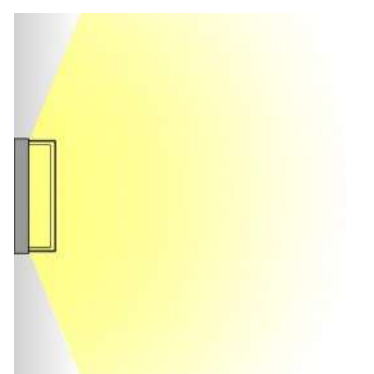
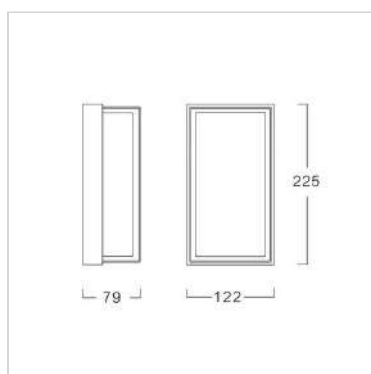
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Diffuser	Double layer polycarbonate (opalescent + clear)
Gasket	Silicone rubber
Dimension	122x225x79 mm.
Mounting	Surface
Power	10W
Light Source	LED Module
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	500 lm
Beam Angle	Symmetrical wide beam
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
WLL124/BK-10LED	10W



LED Surface Wall Mount (Outdoor)



WLL125

Application

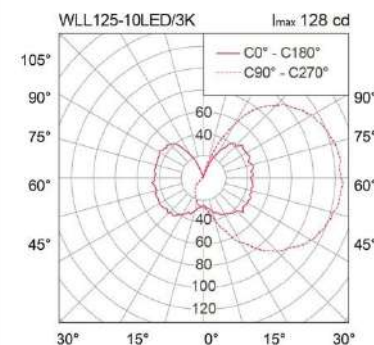
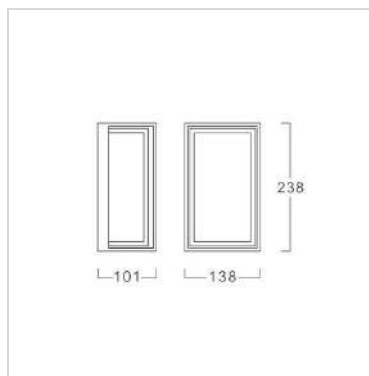
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Diffuser	Double layer polycarbonate (opalescent + clear)
Gasket	Silicone rubber
Dimension	138x238x101 mm.
Mounting	Surface
Power	10W
Light Source	LED Module
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	590 lm
Beam Angle	Symmetrical wide beam
Control Gear	Built-in driver
Power Supply	220-240VAC,50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
WLL125/BK-10LED	10W



WLL127

Application

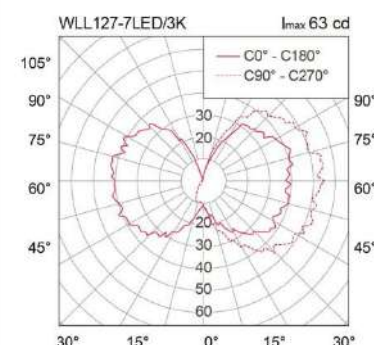
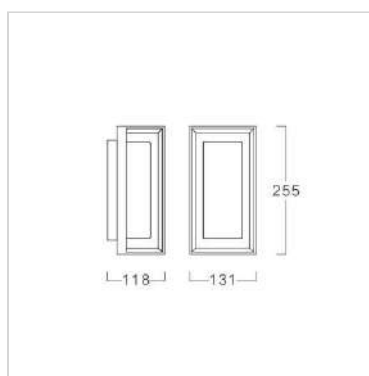
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Diffuser	Frosted hard glass
Gasket	Silicone rubber
Dimension	131x255x118 mm.
Mounting	Surface
Power	7W
Light Source	LED Module
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	360 lm
Beam Angle	Symmetrical wide beam
Control Gear	Built-in driver
Power Supply	220-240VAC,50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
WLL127/BK-7LED	7W



LED Surface Wall Mount (Outdoor)



WLL126

Application

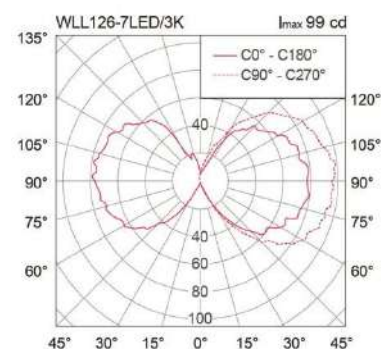
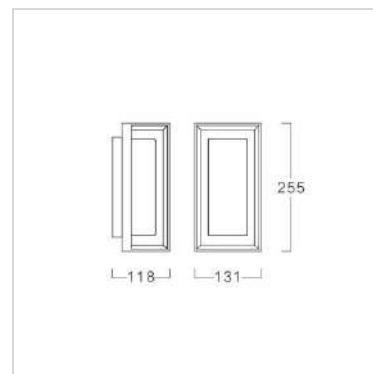
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Diffuser	Clear hard glass
Gasket	Silicone rubber
Dimension	131x255x118 mm.
Mounting	Surface
Power	7W
Light Source	LED-BULB
Colour Temperature	3000K (4000/6500K as optional)
CRI	80
Lamp Output	600 lm
Beam Angle	Symmetrical wide beam
Power Supply	220-240VAC, 50Hz
Insulation Class	I
IP Rating	55
Lamp Lifetime	25,000 hrs.

Ordering Data

Model	Watt
WLL126/BK-XXLED-E27	MAX.7W



LED Surface Wall Mount (Outdoor)



WLL148

Application

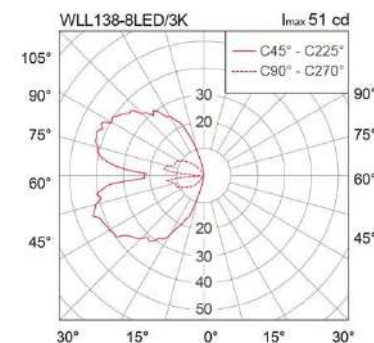
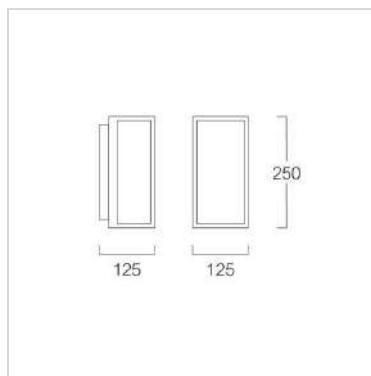
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium with stone plastic composite wood board
Front Cover	Opalescent polycarbonate
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	110x360x110 mm.
Mounting	Surface
Power	8W
Light Source	LED Module
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	139 lm
Beam Angle	Symmetrical wide beam
Control Gear	Built-in driver
Power Supply	220-240VAC,50Hz
Insulation Class	I
IP Rating	54
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
WLL148/WD-8LED	8W



WLL149

Application

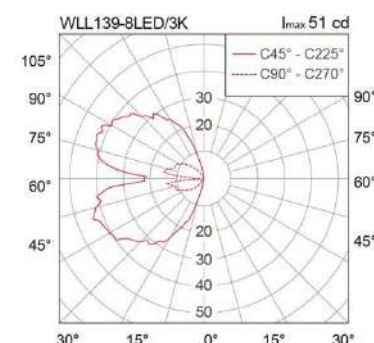
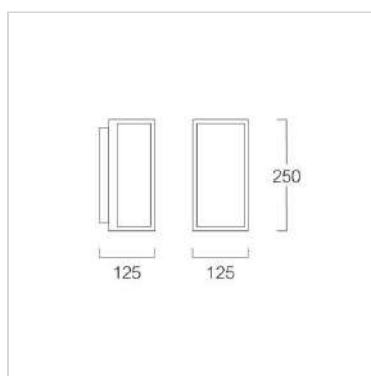
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium with stone plastic composite cement board
Front Cover	Opalescent polycarbonate
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	125x250x125 mm.
Mounting	Surface
Power	8W
Light Source	LED Module
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	139 lm
Beam Angle	Symmetrical wide beam
Control Gear	Built-in driver
Power Supply	220-240VAC,50Hz
Insulation Class	I
IP Rating	54
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
WLL149/CM-8LED	8W



LED Surface Wall Mount (Outdoor)



WLL128

Application

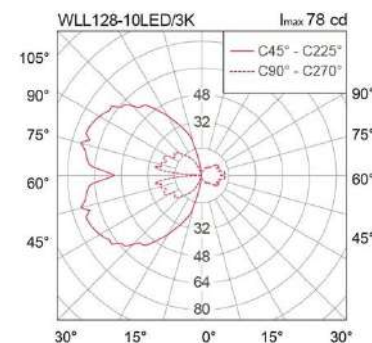
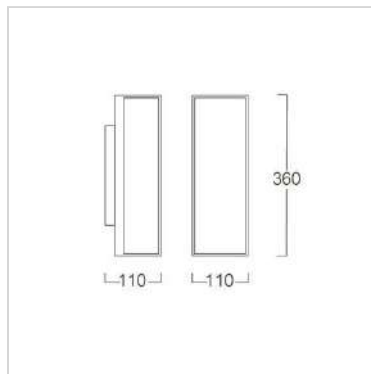
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium with stone plastic composite wood board
Front Cover	Opalescent polycarbonate
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	110x360x110 mm.
Mounting	Surface
Power	10W
Light Source	LED Module
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	265 lm
Beam Angle	Symmetrical wide beam
Control Gear	Built-in driver
Power Supply	220-240VAC,50Hz
Insulation Class	I
IP Rating	54
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
WLL128/WD-10LED	10W



WLL129

Application

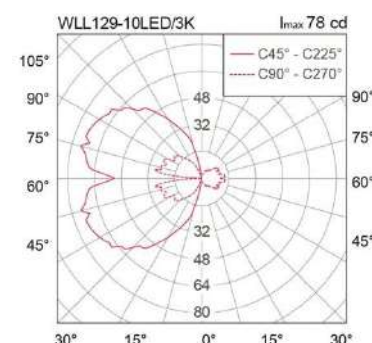
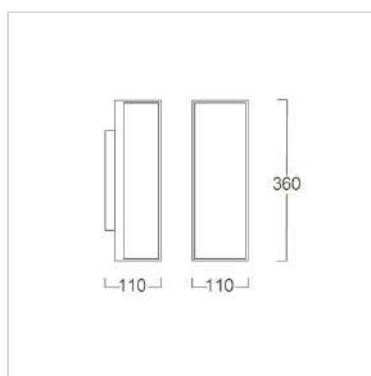
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium with stone plastic composite cement board
Front Cover	Opalescent polycarbonate
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	110x360x110 mm.
Mounting	Surface
Power	10W
Light Source	LED Module
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	265 lm
Beam Angle	Symmetrical wide beam
Control Gear	Built-in driver
Power Supply	220-240VAC,50Hz
Insulation Class	I
IP Rating	54
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
WLL129/CM-10LED	10W



LED Surface Wall Mount (Outdoor)



TIS WLL103

Application

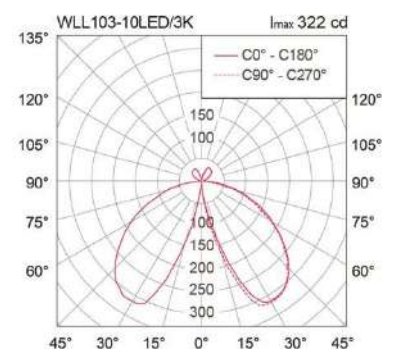
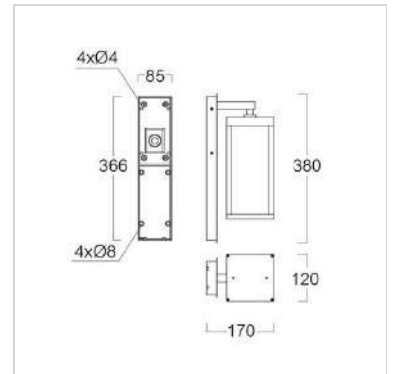
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Diffuser	Clear glass
Gasket	Silicone rubber
Dimension	170x380x120 mm.
Mounting	Surface
Power	10W
Light Source	LED Module
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	821 lm
Beam Angle	Symmetrical medium beam
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
WLL103/BK-10LED	10W



LED Surface Wall Mount (Outdoor)



WLL160

Application

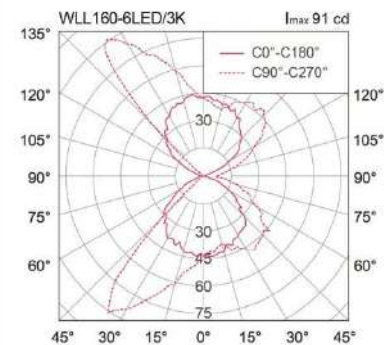
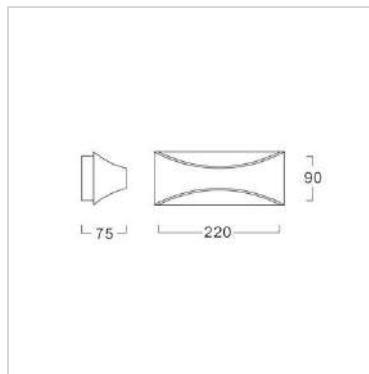
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black/white
Diffuser	Opalescent polycarbonate
Gasket	Silicone rubber
Dimension	90x220x75 mm.
Mounting	Surface
Power	6W
Light Source	LED-COB
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	307 lm
Beam Angle	Up and Down light, wide beam
Control Gear	Built-in driver
Power Supply	220-240VAC,50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
WLL160/BK-6LED	6W



WLL161

Application

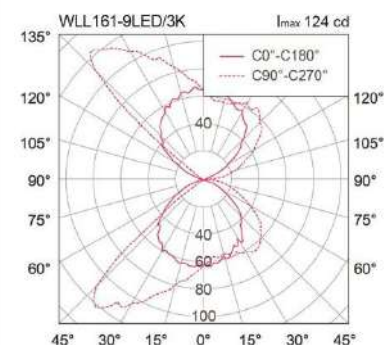
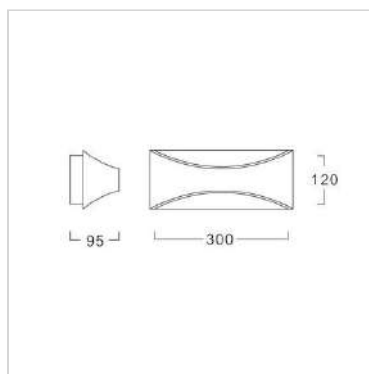
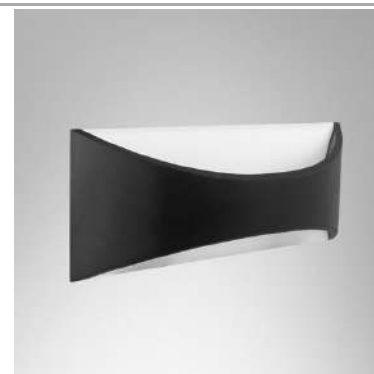
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black/white
Diffuser	Opalescent polycarbonate
Gasket	Silicone rubber
Dimension	120x300x95 mm.
Mounting	Surface
Power	9W
Light Source	LED-COB
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	447 lm
Beam Angle	Up and Down light, wide beam
Control Gear	Built-in driver
Power Supply	220-240VAC,50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
WLL161/BK-9LED	9W



LED Surface Wall Mount (Outdoor)



WLL320

Application

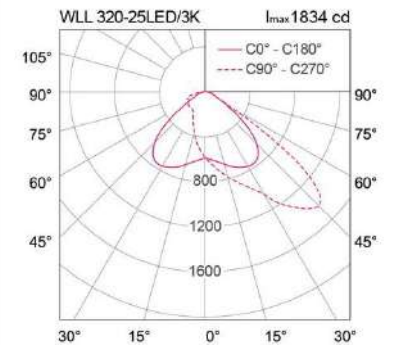
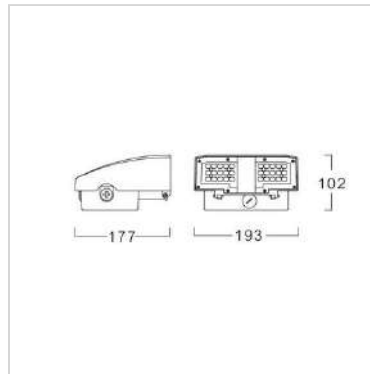
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Polycarbonate
Gasket	Silicone rubber
Dimension	177x193x102 mm.
Mounting	Surface
Power	25W
Light Source	LED Module
Colour Temperature	3000K (4000/5000K as optional)
CRI	80
Luminaire Output	2440 lm
Beam Angle	Asymmetrical wide beam
Control Gear	Built-in driver
Power Supply	220-240VAC,50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
WLL320/BK-25LED	25W



WLL321

Application

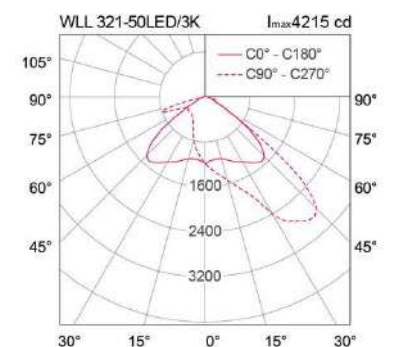
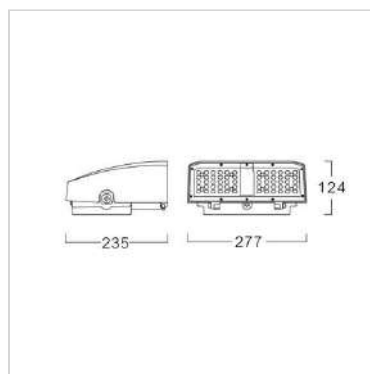
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Polycarbonate
Gasket	Silicone rubber
Dimension	235x277x124 mm.
Mounting	Surface
Power	50W
Light Source	LED Module
Colour Temperature	3000K (4000/5000K as optional)
CRI	80
Luminaire Output	5095 lm
Beam Angle	Asymmetrical wide beam
Control Gear	Built-in driver
Power Supply	220-240VAC,50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
WLL321/BK-50LED	50W



LED Surface Wall Mount (Outdoor)



WLL330

Application

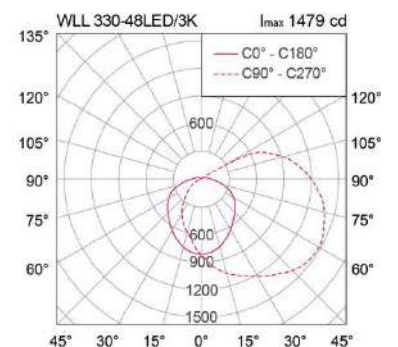
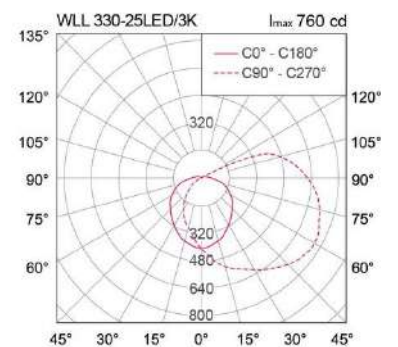
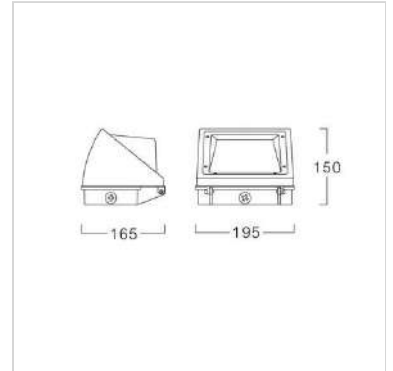
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium
Front Cover	Frosted polycarbonate
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	165x195x150 mm.
Mounting	Surface
Power	25/48W
Light Source	LED Module
Colour Temperature	3000K (4000/5000K as optional)
CRI	80
Luminaire Output	25W : 2340 lm 48W : 4670 lm
Beam Angle	Asymmetrical wide beam
Control Gear	Built-in driver
Power Supply	220-240VAC,50Hz
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
WLL330/BK-25LED	25W
WLL330/BK-48LED	48W



LED Surface Wall Mount (Outdoor)



TIS WLL435

Application

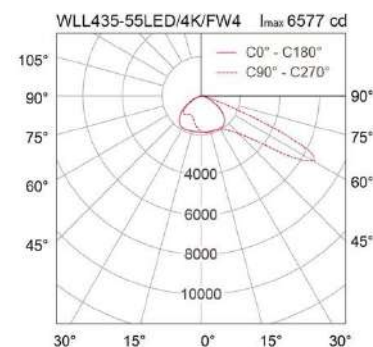
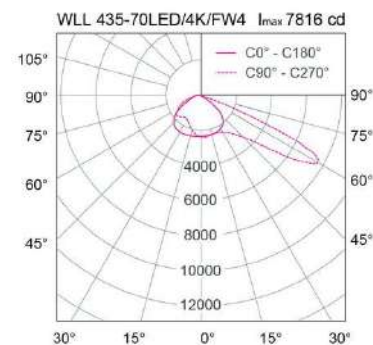
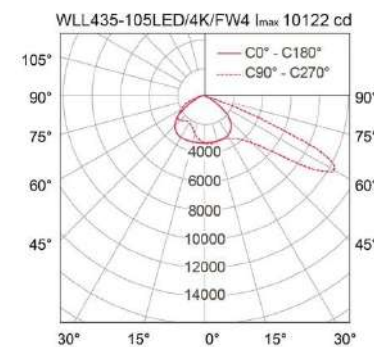
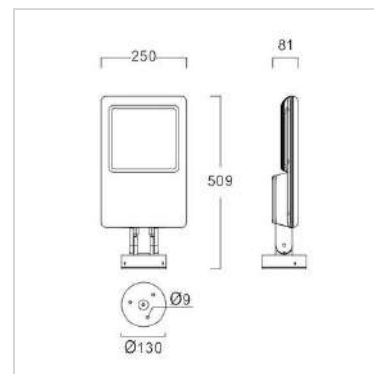
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in grey
Lens	Acrylic (PMMA)
Gasket	Silicone rubber
Dimension	250x509x130 mm.
Mounting	Surface
Power	55/70/105W
Light Source	LED Module
Colour Temperature	3000K (4000/5700K as optional)
CRI	70
Luminaire Output	55W : 6875 lm (SL8), 6600 lm (FW4) 70W : 8750 lm (SL8), 8400 lm (FW4) 105W : 13125 lm (SL8), 12600 lm (FW4)
Beam Angle	Street lighting distribution : SL8 Forward throw distribution : FW4
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
WLL435/GY-55LED	55W
WLL435/GY-70LED	70W
WLL435/GY-105LED	105W



LED Surface Wall Mount (Outdoor)



TIS WLL436

Application

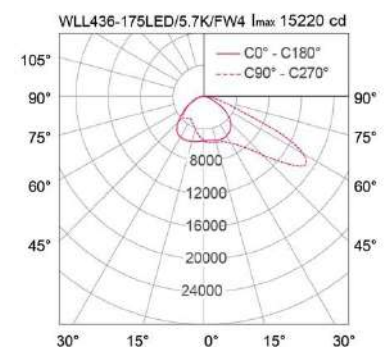
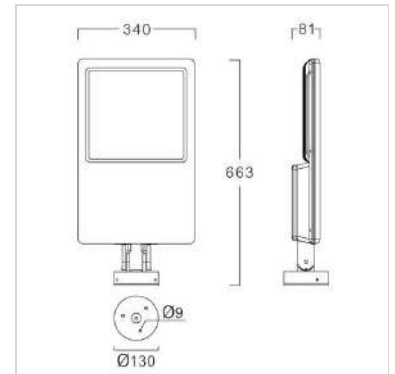
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in grey
Lens	Acrylic (PMMA)
Gasket	Silicone rubber
Dimension	340x663x81 mm.
Mounting	Surface
Power	175W
Light Source	LED Module
Colour Temperature	3000K (4000/5700K as optional)
CRI	70
Luminaire Output	20125 lm
Beam Angle	Forward throw distribution : FW4
Control Gear	Built-in driver
Power Supply	220-240VAC,50Hz
Power Factor	>0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
WLL436/GY-175LED	175W



LED Surface Wall Mount (Outdoor)



WLL710

Application

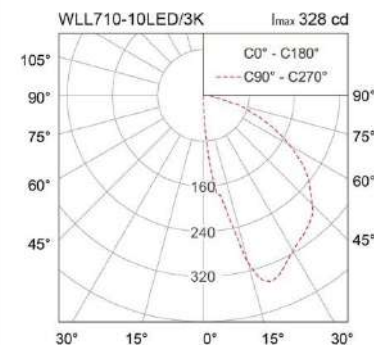
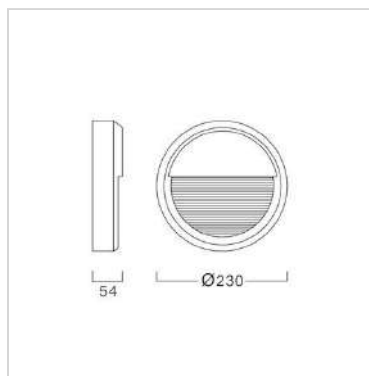
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear polycarbonate
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	Dia.230x54 mm.
Mounting	Surface
Power	10W
Light Source	LED Module
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	370 lm
Beam Angle	Asymmetrical medium beam
Control Gear	Built-in driver
Power Supply	220-240VAC,50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
WLL710/BK-10LED	10W



WLL711

Application

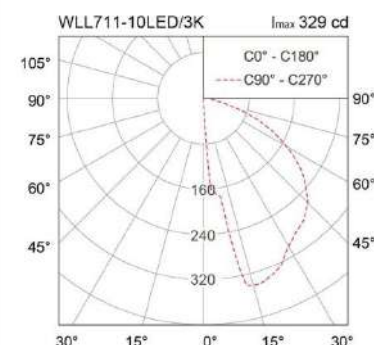
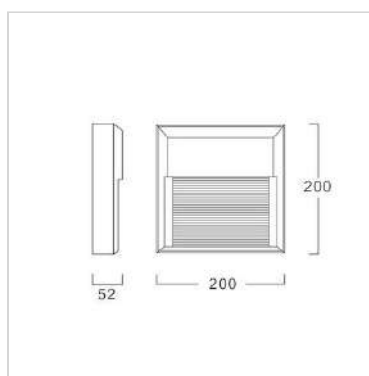
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear polycarbonate
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	200x200x52 mm.
Mounting	Surface
Power	10W
Light Source	LED Module
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	370 lm
Beam Angle	Asymmetrical medium beam
Control Gear	Built-in driver
Power Supply	220-240VAC,50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
WLL711/BK-10LED	10W



LED Surface Wall Mount (Outdoor)



WLL712

Application

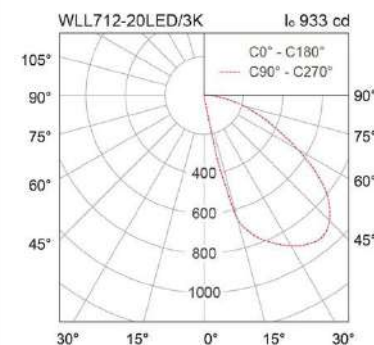
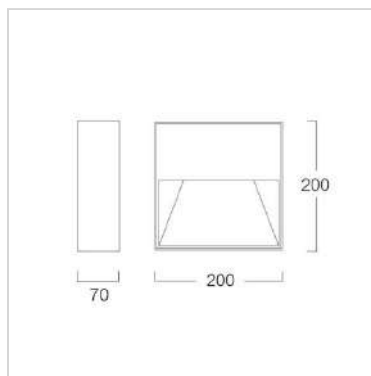
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium
Front Cover	Frosted polycarbonate
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	200x200x70 mm.
Mounting	Surface
Power	20W
Light Source	LED Module
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	1100 lm
Beam Angle	Asymmetrical medium beam
Control Gear	Built-in driver
Power Supply	220-240VAC,50Hz
Insulation Class	I
IP Rating	66
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
WLL712/BK-20LED	20W



WLL713

Application

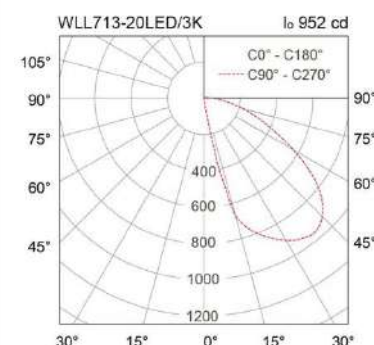
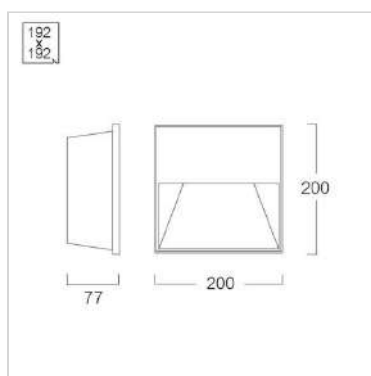
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium
Front Cover	Frosted polycarbonate
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	200x200x77 mm.
Cut Out	192x192x95 mm.
Mounting	Recessed in block out made of polypropylene
Power	20W
Light Source	LED Module
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	1100 lm
Beam Angle	Asymmetrical medium beam
Control Gear	Built-in driver
Power Supply	220-240VAC,50Hz
Insulation Class	I
IP Rating	66
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
WLL713/BK-20LED	20W



LED Surface Wall Mount (Outdoor)



WLL621

Application

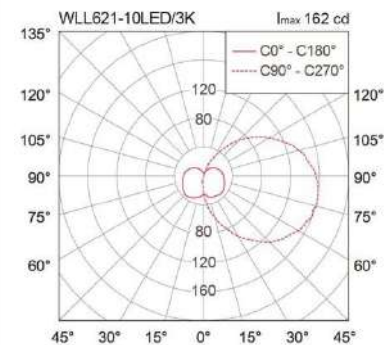
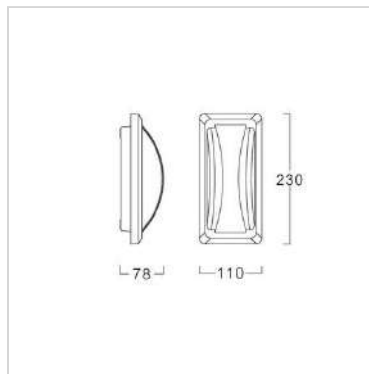
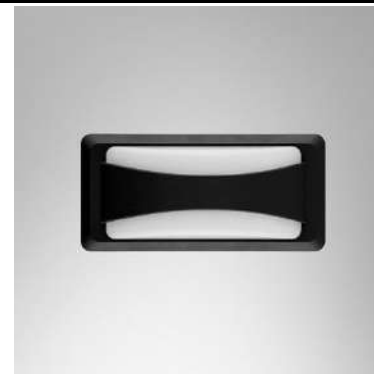
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Polycarbonate and ABS.
Finishing	Black color
Diffuser	Opalescent polycarbonate
Gasket	Silicone rubber
Dimension	110x230x78 mm.
Mounting	Surface
Power	10W
Light Source	LED Module
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	550 lm
Beam Angle	Up and Down light, wide beam
Control Gear	Built-in driver
Power Supply	220-240VAC,50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
WLL621/BK-10LED	10W



WLL622

Application

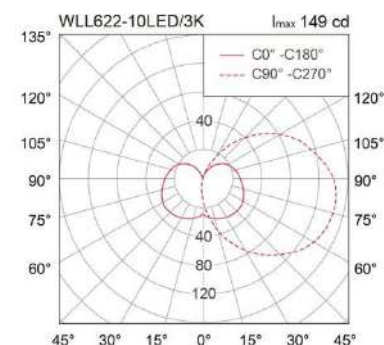
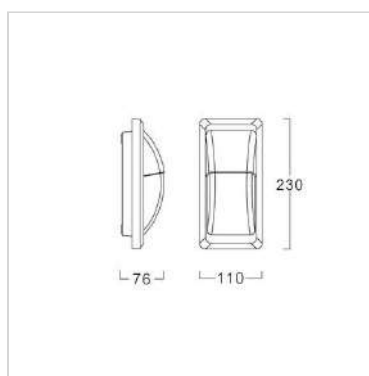
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Polycarbonate and ABS.
Finishing	Black color
Diffuser	Opalescent polycarbonate
Gasket	Silicone rubber
Dimension	110x230x76 mm.
Mounting	Surface
Power	10W
Light Source	LED Module
Colour Temperature	3000K (2700/4000/5700K as optional)
CRI	80
Luminaire Output	510 lm
Beam Angle	Asymmetrical wide beam
Control Gear	Built-in driver
Power Supply	220-240VAC,50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
WLL622/BK-10LED	10W



LED Post Top



PTL200

Application

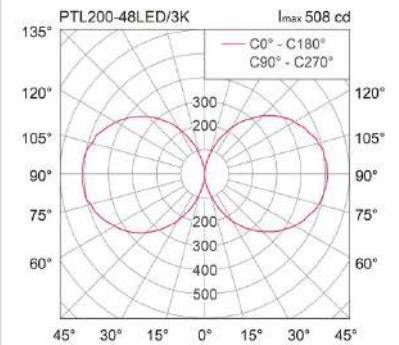
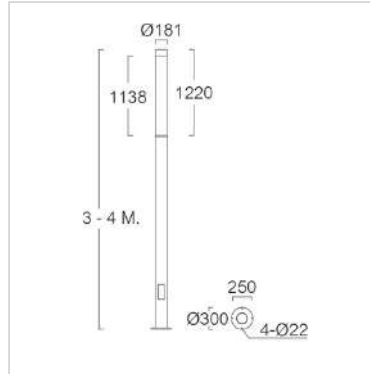
Post-top luminaire is designed to use for public or private areas such as hotels, houses, gardens, parks, walkways, etc.

Specification

Housing	Die-cast and extruded aluminium
Finishing	Powder coated in black
Diffuser	Opalescent acrylic
Gasket	Silicone rubber
Dimension	Dia.181x3000-4000 mm.
Mounting	Surface
Power	48W
Light Source	LED-T8
Colour Temperature	3000K (4000/6500K as optional)
CRI	80
Luminaire Output	4800 lm
Beam Angle	Symmetrical wide beam
Control Gear	Built-in driver
Power Supply	220-240VAC,50Hz
Power Factor	>0.95
Insulation Class	I
IP Rating	55
Lamp Lifetime	40,000 hrs.

Ordering Data

Model	Watt
PTL200/3M/BK-48LED-T8	48W
PTL200/4M/BK-48LED-T8	48W



PTL214

Application

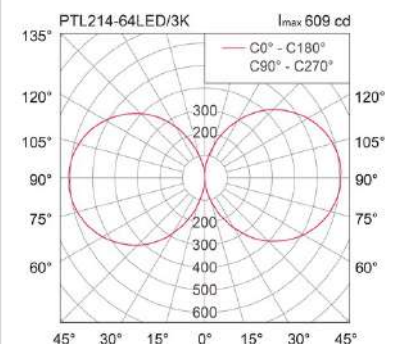
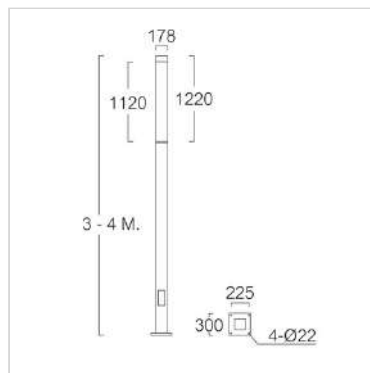
Post-top luminaire is designed to use for public or private areas such as hotels, houses, gardens, parks, walkways, etc.

Specification

Housing	Die-cast and extruded aluminium
Finishing	Powder coated in black
Diffuser	Opalescent acrylic
Gasket	Silicone rubber
Dimension	178x178x3000-4000 mm.
Mounting	Surface
Power	64W
Light Source	LED-T8
Colour Temperature	3000K (4000/6500K as optional)
CRI	80
Luminaire Output	5760 lm
Beam Angle	Symmetrical wide beam
Control Gear	Built-in driver
Power Supply	220-240VAC,50Hz
Power Factor	>0.95
Insulation Class	I
IP Rating	55
Lamp Lifetime	40,000 hrs.

Ordering Data

Model	Watt
PTL214/3M/BK-64LED-T8	64W
PTL214/4M/BK-64LED-T8	64W



LED Post Top

PTP203/LED

Application

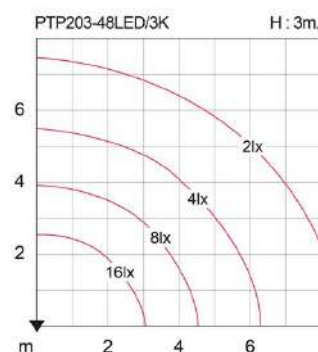
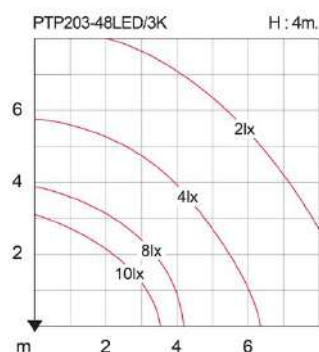
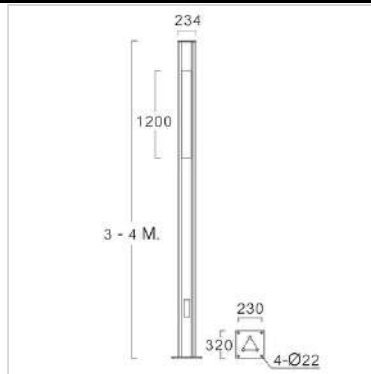
Post-top luminaire is designed to use for public or private areas such as hotels, houses, gardens, parks, walkways, etc.

Specification

Housing	Die-cast and extruded aluminium
Finishing	Powder coated in black
Diffuser	Opalescent PMMA
Gasket	Silicone rubber
Dimension	234x234x3000-4000 mm.
Mounting	Surface
Power	48W
Light Source	LED-T8
Colour Temperature	3000K (4000/6500K as optional)
CRI	80
Beam Angle	Symmetrical wide beam
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.95
Insulation Class	I
IP Rating	55
Lamp Lifetime	40,000 hrs.

Ordering Data

Model	Watt
PTP203/3M/BK-48LED-T8	48W
PTP203/4M/BK-48LED-T8	48W



PTP204/LED

Application

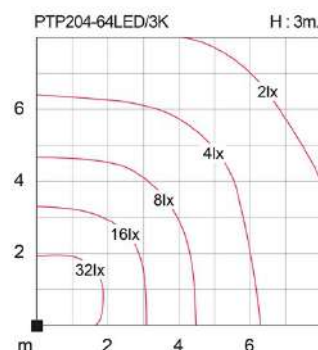
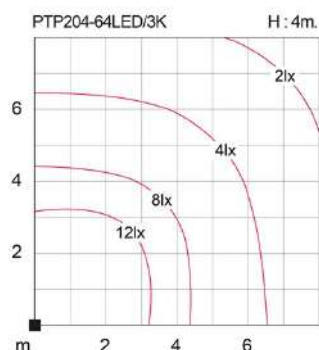
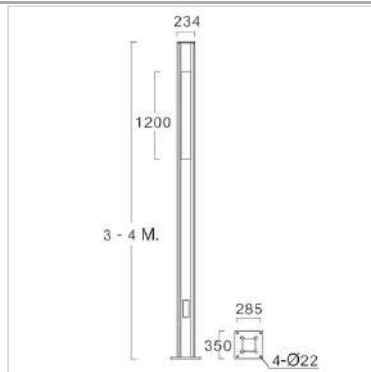
Post-top luminaire is designed to use for public or private areas such as hotels, houses, gardens, parks, walkways, etc.

Specification

Housing	Die-cast and extruded aluminium
Finishing	Powder coated in black
Diffuser	Opalescent PMMA
Gasket	Silicone rubber
Dimension	234x234x3000-4000 mm.
Mounting	Surface
Power	64W
Light Source	LED-T8
Colour Temperature	3000K (4000/6500K as optional)
CRI	80
Beam Angle	Symmetrical wide beam
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.95
Insulation Class	I
IP Rating	55
Lamp Lifetime	40,000 hrs.

Ordering Data

Model	Watt
PTP204/3M/BK-64LED-T8	64W
PTP204/4M/BK-64LED-T8	64W



LED Post Top

PTL252

Application

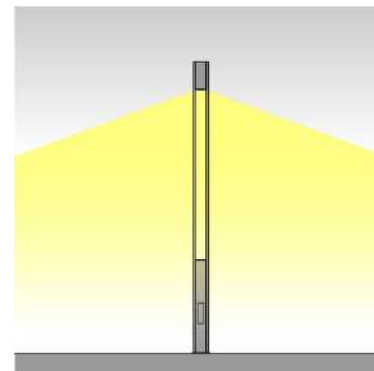
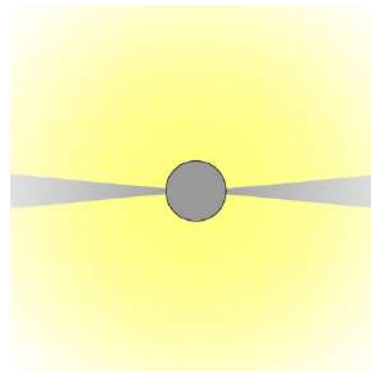
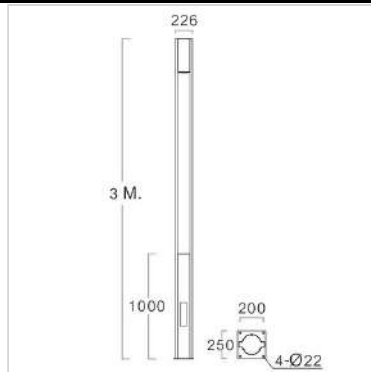
Post-top luminaire is designed to use for public or private areas such as hotels, houses, gardens, parks, walkways, etc.

Specification

Housing	Die-cast and extruded aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	226x190x3000 mm.
Mounting	Surface
Power	18W
Light Source	LED-COB
Colour Temperature	3000K (4000/5000K as optional)
CRI	80
Luminaire Output	2430 lm
Beam Angle	Symmetrical medium beam
Control Gear	Built-in driver
Control	DIM 1-10V (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.95
Insulation Class	I
IP Rating	55
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
PTL252/3M/BK-18LED	18W



PTL244

Application

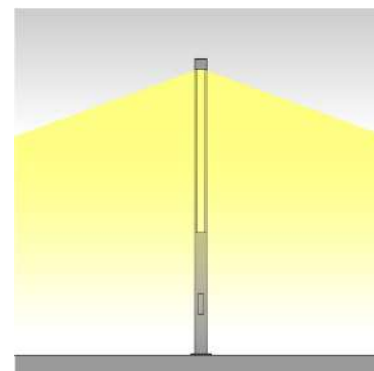
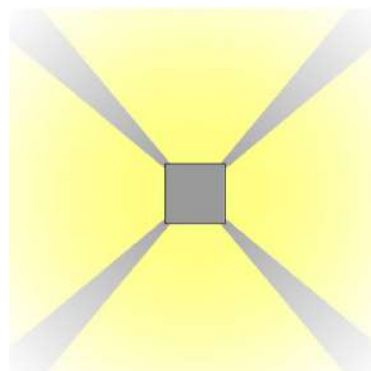
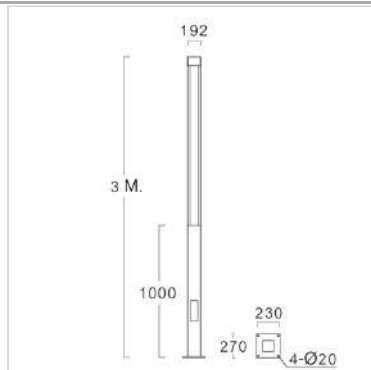
Post-top luminaire is designed to use for public or private areas such as hotels, houses, gardens, parks, walkways, etc.

Specification

Housing	Extruded aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	192x192x3000 mm.
Mounting	Surface
Power	40W
Light Source	LED-COB
Colour Temperature	3000K (4000/5000K as optional)
CRI	80
Beam Angle	Symmetrical medium beam
Control Gear	Built-in driver
Control	DIM 1-10V (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.95
Insulation Class	I
IP Rating	55
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
PTL244/3M/BK-40LED	40W



LED Post Top



PTL903

Application

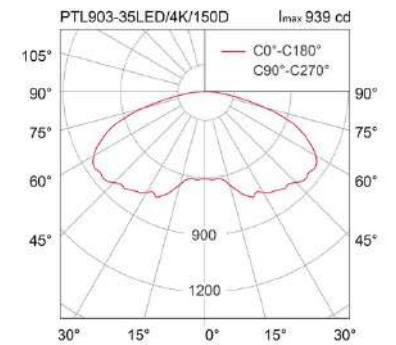
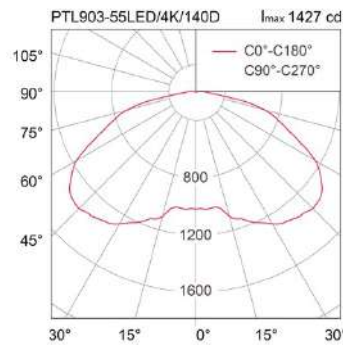
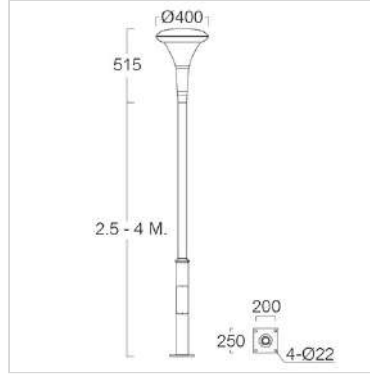
Post-top luminaire is designed to use for public or private areas such as hotels, houses, gardens, parks, walkways, etc.

Specification

Housing	Die-cast aluminium with zinc coated steel pole
Finishing	Powder coated in black
Diffuser	Prismatic glass
Gasket	Silicone rubber
Dimension	Luminaire : Dia.400x515 mm. Pole : Dia.114/76 mm., H2500-4000 mm.
Mounting	Surface
Power	35/55W
Light Source	LED Module
Colour Temperature	3000K (4000/5700K as optional)
CRI	70
Luminaire Output	35W : 3675 lm 55W : 5775 lm
Beam Angle	35W : 150 degree 55W : 140 degree
Control Gear	Built-in driver
Control	DIM 1-10V (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.95
Insulation Class	I
IP Rating	55
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
PTL903/BK-35LED	35W
PTL903/BK-55LED	55W



PTL904

Application

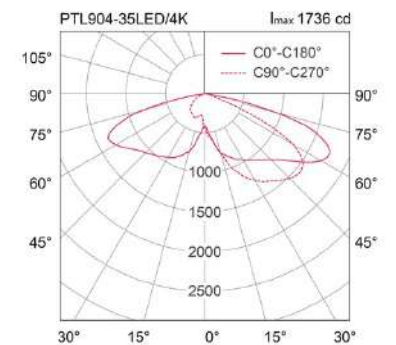
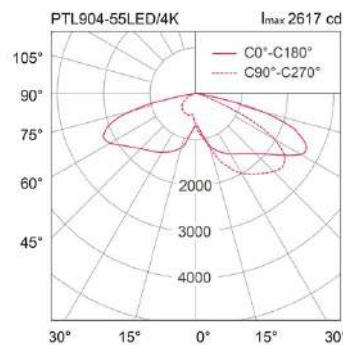
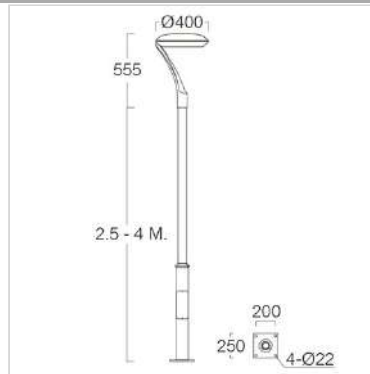
Post-top luminaire is designed to use for public or private areas such as hotels, houses, gardens, parks, walkways, etc.

Specification

Housing	Die-cast aluminium with zinc coated steel pole
Front Cover	Clear toughened glass
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	Luminaire : Dia.400x555 mm. Pole : Dia.114/76 mm., H2500-4000 mm.
Mounting	Surface
Power	35/55W
Light Source	LED Module
Colour Temperature	3000K (4000/5700K as optional)
CRI	70
Luminaire Output	35W : 4200 lm 55W : 6600 lm
Beam Angle	Streetlight distribution (Type II)
Control Gear	Built-in driver
Control	DIM 1-10V (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.95
Insulation Class	I
IP Rating	55
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
PTL904/BK-35LED	35W
PTL904/BK-55LED	55W



LED Post Top



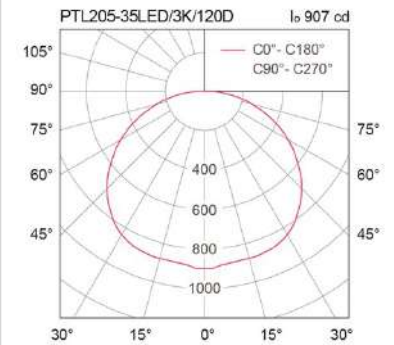
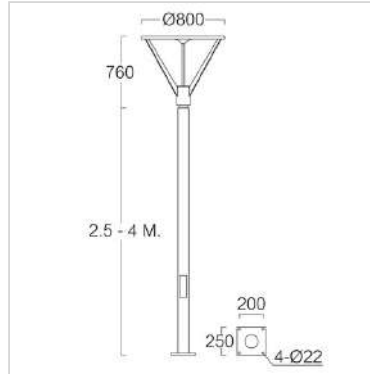
PTL205

Application

Post-top luminaire is designed to use for public or private areas such as hotels, houses, gardens, parks, walkways, etc.

Specification

Housing	Die-cast and die-formed aluminium with zinc coated steel pole
Front Cover	Clear toughened glass
Finishing	Housing : powder coated in grey Reflector : powder coated in white
Reflector	Die-formed aluminium
Gasket	Silicone rubber
Dimension	Luminaire : Dia.800x760 mm. Pole : Dia.114x2500-4000 mm.
Mounting	Surface
Power	35W
Light Source	LED-COB
Colour Temperature	3000K (4000/5000K as optional)
CRI	80
Luminaire Output	2450 lm
Beam Angle	120 degree
Control Gear	Built-in driver
Control	DIM 1-10V (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.95
Insulation Class	I
IP Rating	55
Luminaire Lifetime	50,000 hrs.



Ordering Data

Model	Watt
PTL205/GY-35LED	35W

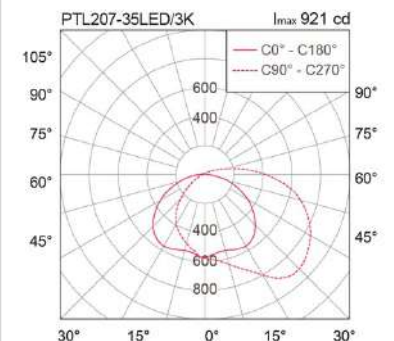
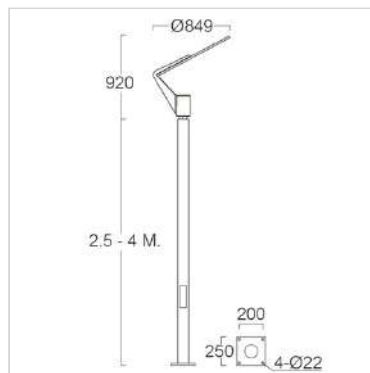
PTL207

Application

Post-top luminaire is designed to use for public or private areas such as hotels, houses, gardens, parks, walkways, etc.

Specification

Housing	Die-cast and die-formed aluminium with zinc coated steel pole
Front Cover	Clear toughened glass
Finishing	Housing : powder coated in grey Reflector : powder coated in white
Reflector	Die-formed aluminium
Gasket	Silicone rubber
Dimension	Luminaire : Dia.849x920 mm. Pole : Dia.114x2500-4000 mm.
Mounting	Surface
Power	35W
Light Source	LED-COB
Colour Temperature	3000K (4000/5000K as optional)
CRI	80
Luminaire Output	2450 lm
Beam Angle	Asymmetrical beam
Control Gear	Built-in driver
Control	DIM 1-10V (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.95
Insulation Class	I
IP Rating	55
Luminaire Lifetime	50,000 hrs.



Ordering Data

Model	Watt
PTL207/GY-35LED	35W

LED Post Top



PTL120

Application

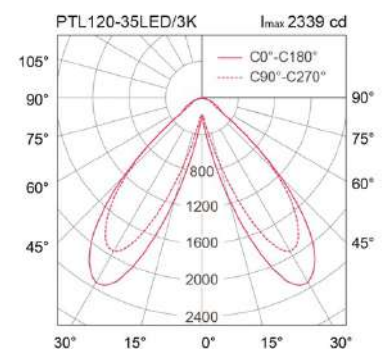
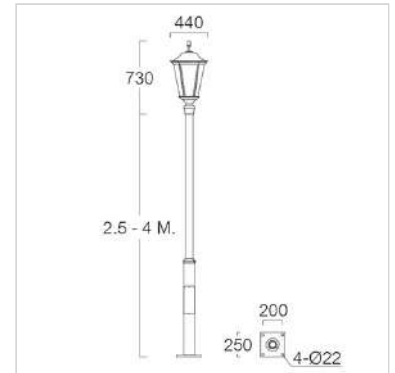
Post-top luminaire is designed to use for public or private areas such as hotels, houses, gardens, parks, walkways, etc.

Specification

Housing	Die-cast aluminium with zinc coated steel pole
Finishing	Powder coated in black
Diffuser	Frosted glass
Gasket	Silicone rubber
Dimension	Luminaire : Dia.440x730 mm. Pole : Dia.114/76 mm., H2500-4000 mm.
Mounting	Surface
Power	35W
Light Source	LED Module
Colour Temperature	3000K (4000/5700K as optional)
CRI	70
Luminaire Output	3500 lm
Beam Angle	Symmetrical medium beam
Control Gear	Built-in driver
Control	DIM 1-10V (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.95
Insulation Class	I
IP Rating	55
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
PTL120/BK-35LED	35W



LED Post Top



PTL209

Application

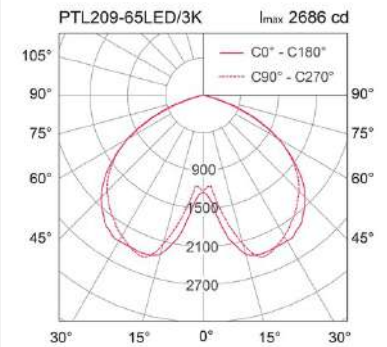
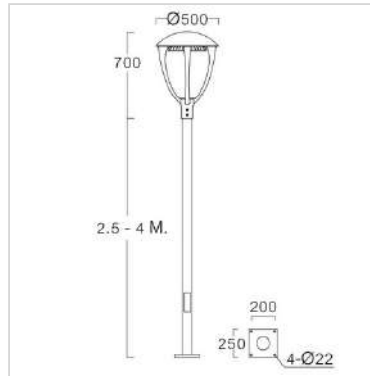
Post-top luminaire is designed to use for public or private areas such as hotels, houses, gardens, parks, walkways, etc.

Specification

Housing	Die-cast and die-formed aluminium with zinc coated steel pole
Front Cover	Clear toughened glass
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	Luminaire : Dia.500x700 mm. Pole : Dia.114x2500-4000 mm.
Mounting	Surface
Power	65W
Light Source	LED Module
Colour Temperature	3000K (4000/5700K as optional)
CRI	70
Luminaire Output	6825 lm
Beam Angle	Symmetrical wide beam
Control Gear	Built-in driver
Control	DIM 1-10V (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.95
Insulation Class	I
IP Rating	55
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
PTL209/BK-65LED	65W



PTL309

Application

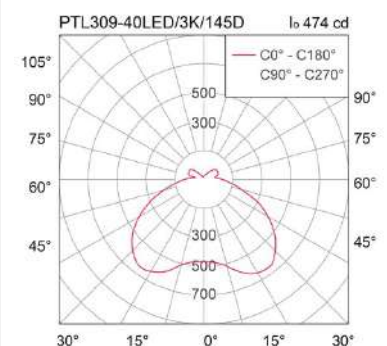
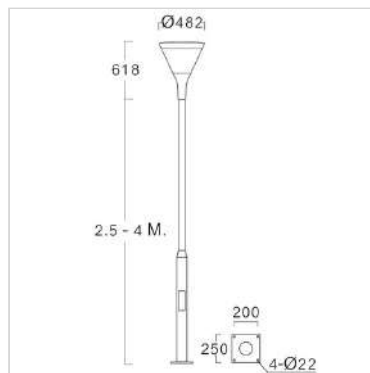
Post-top luminaire is designed to use for public or private areas such as hotels, houses, gardens, parks, walkways, etc.

Specification

Housing	Die-cast aluminium with zinc coated steel pole
Finishing	Powder coated in black
Diffuser	Polycarbonate
Gasket	Silicone rubber
Dimension	Luminaire : Dia.482x618 mm. Pole : Dia.114/76 mm., H2500-4000 mm.
Mounting	Surface
Power	40W
Light Source	LED-COB
Colour Temperature	3000K (4000K as optional)
CRI	80
Luminaire Output	2800 lm
Beam Angle	145 degree
Control Gear	Built-in driver
Control	DIM 1-10V (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.95
Insulation Class	I
IP Rating	55
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
PTL309/BK-40LED	40W



LED Post Top



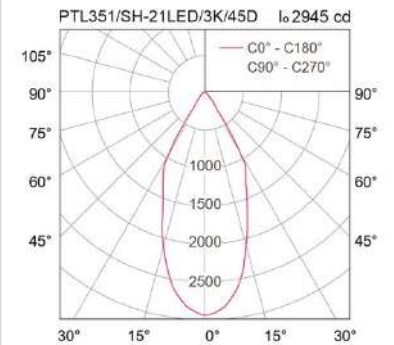
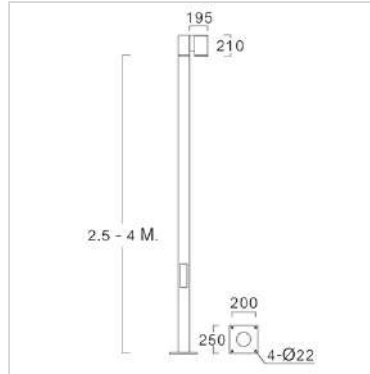
PTL351/SH

Application

Post-top luminaire is designed to use for public or private areas such as hotels, houses, gardens, parks, walkways, etc.

Specification

Housing	Die-cast aluminium with zinc coated steel pole
Front Cover	Clear toughened glass
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	Luminaire : 145x195x210 mm. Pole : Dia.114x2500-4000 mm.
Mounting	Surface
Power	21W
Light Source	LED Module
Colour Temperature	3000K (4000K as optional)
CRI	80
Luminaire Output	1480 lm
Beam Angle	45 degree
Control Gear	Built-in driver
Control	DIM 1-10V (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.95
Insulation Class	I
IP Rating	55
Luminaire Lifetime	50,000 hrs.



Ordering Data

Model	Watt
PTL351/SH/BK-21LED	21W

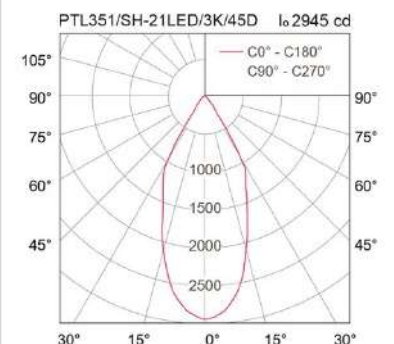
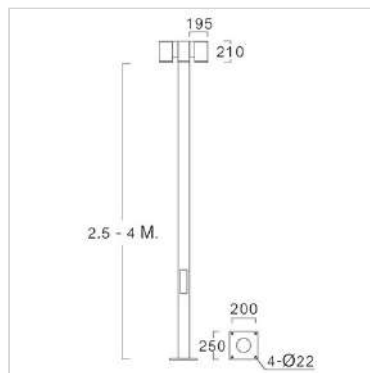
PTL351/DH

Application

Post-top luminaire is designed to use for public or private areas such as hotels, houses, gardens, parks, walkways, etc.

Specification

Housing	Die-cast aluminium with zinc coated steel pole
Front Cover	Clear toughened glass
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	Luminaire : 145x195x210 mm. Pole : Dia.114x2500-4000 mm.
Mounting	Surface
Power	42W : 2x21W
Light Source	LED Module
Colour Temperature	3000K (4000K as optional)
CRI	80
Luminaire Output	2x1480 lm
Beam Angle	45 degree
Control Gear	Built-in driver
Control	DIM 1-10V (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.95
Insulation Class	I
IP Rating	55
Luminaire Lifetime	50,000 hrs.



Ordering Data

Model	Watt
PTL351/DH/BK-42LED	42W

LED Post Top



PTL461

Application

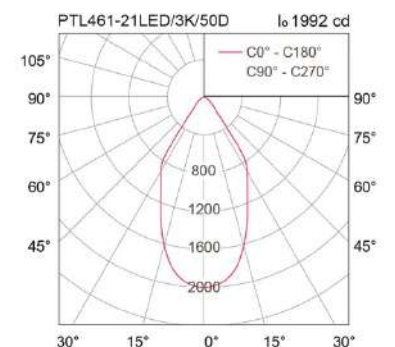
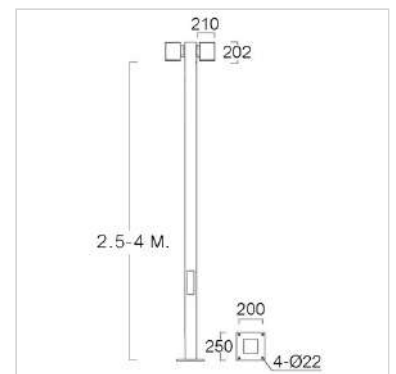
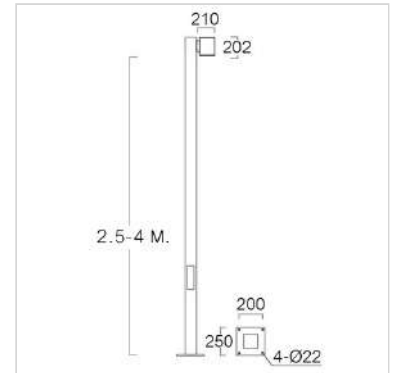
Post-top luminaire is designed to use for public or private areas such as hotels, houses, gardens, parks, walkways, etc.

Specification

Housing	Die-cast aluminium with painted steel pole
Front Cover	Clear toughened glass
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	Luminaire : 150x210x202 mm. Pole : 100x100x2500-4000 mm.
Mounting	Surface
Power	21W
Light Source	LED-COB
Colour Temperature	3000K (4000K as optional)
CRI	80
Luminaire Output	1640 lm
Beam Angle	50 degree
Control Gear	Built-in driver
Control	DIM 1-10V (optional)
Power Supply	220-240VAC, 50Hz
IP Rating	55
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
PTL461/BK-21LED	21W



LED Post Top



PTL720

Application

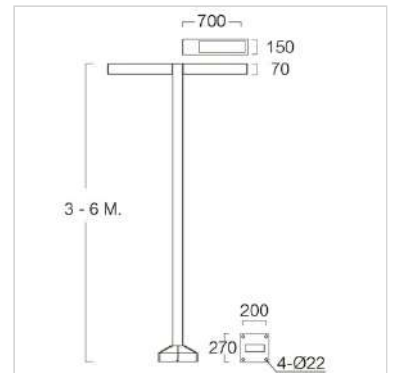
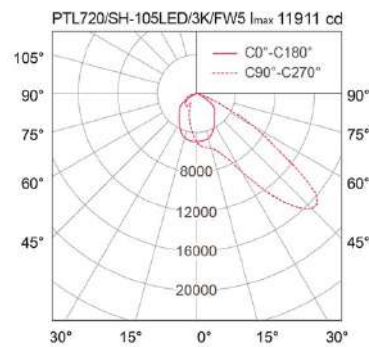
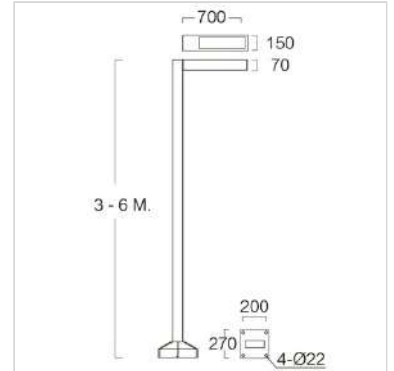
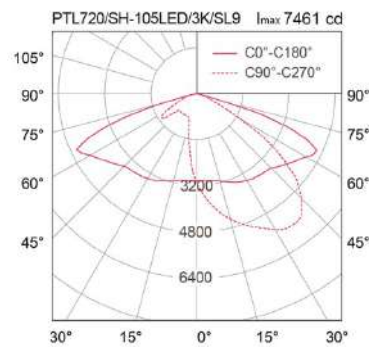
Post-top luminaire is designed to use for public or private areas such as hotels, houses, gardens, parks, walkways, etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in black
Lens	Acrylic (PMMA)
Gasket	Silicone rubber
Dimension	Luminaire : 150x700x70 mm. Pole : 150x90x3000-6000 mm.
Mounting	Surface
Power	35/70/105W
Light Source	LED Module
Colour Temperature	3000K (4000/5700K as optional)
CRI	70
Luminaire Output	35W : 4900 lm 70W : 9800 lm 105W : 13650 lm
Beam Angle	Street lighting distribution : SL9 Forward throw distribution : FW5
Control Gear	Built-in driver
Control	DIM 0-10V, DALI-2 DT6 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.

Ordering Data

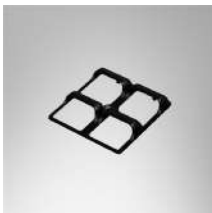
Model	Watt
PTL720/SH/BK-35LED	35W
PTL720/DH/BK-70LED	70W
PTL720/SH/BK-70LED	70W
PTL720/SH/BK-105LED	105W
PTL720/DH/BK-140LED	140W
PTL720/DH/BK-210LED	210W



Accessories



Base cover



Backlight control

LED Post Top



PTL720/RP

Application

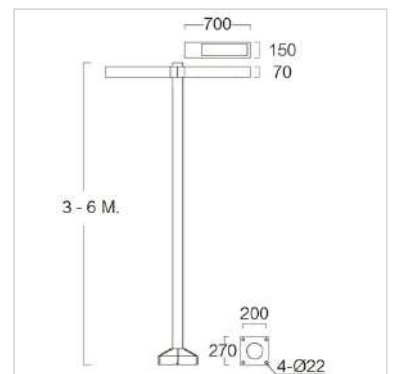
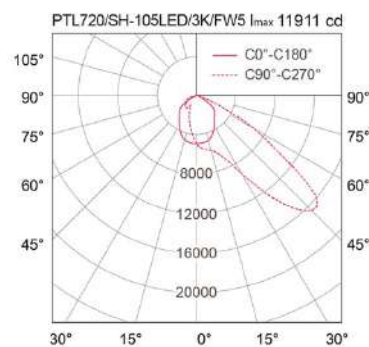
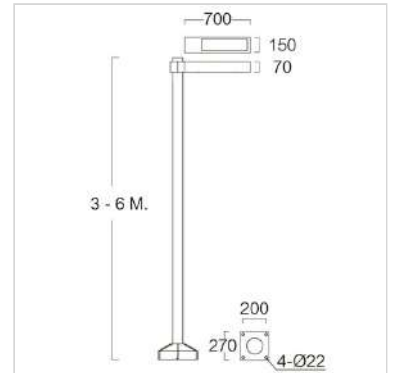
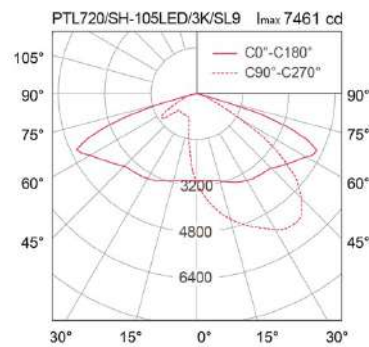
Post-top luminaire is designed to use for public or private areas such as hotels, houses, gardens, parks, walkways, etc.

Specification

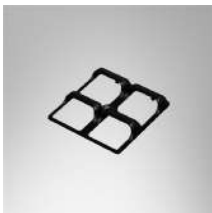
Housing	Die-cast aluminium with zinc coated steel pole
Front Cover	Clear toughened glass
Finishing	Powder coated in black
Lens	Acrylic (PMMA)
Gasket	Silicone rubber
Dimension	Luminaire : 150x700x70 mm. Pole : Dia.114 mm., H3000-6000 mm.
Mounting	Surface
Power	Single head (/SH) ; 35/70/105W Double head (/DH) ; 70W (2x35W) Double head (/DH) ; 140W (2x70W) Double head (/DH) ; 210W (2x105W)
Light Source	LED Module
Colour Temperature	3000K (4000/5700K as optional)
CRI	70
Luminaire Output	Single head (/SH) ; 35W : 4900 lm Single head (/SH) ; 70W : 9800 lm Single head (/SH) ; 105W : 13650 lm Double head (/DH) ; 70W : 2x4900 lm Double head (/DH) ; 140W : 2x9800 lm Double head (/DH) ; 210W : 2x13650 lm
Beam Angle	Street lighting distribution : SL9 Forward throw distribution : FW5
Control Gear	Built-in driver
Control	DIM 0-10V, DALI-2 DT6 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
PTL720/RP/SH/BK-35LED	35W
PTL720/RP/DH/BK-70LED	70W
PTL720/RP/SH/BK-70LED	70W
PTL720/RP/SH/BK-105LED	105W
PTL720/RP/DH/BK-140LED	140W
PTL720/RP/DH/BK-210LED	210W



Accessories



Backlight control

LED Post Top



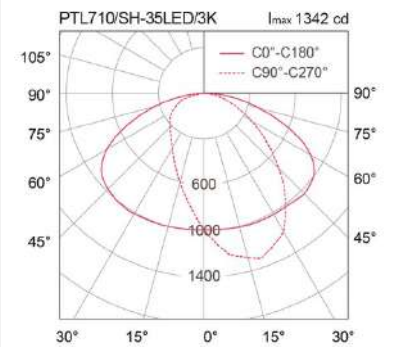
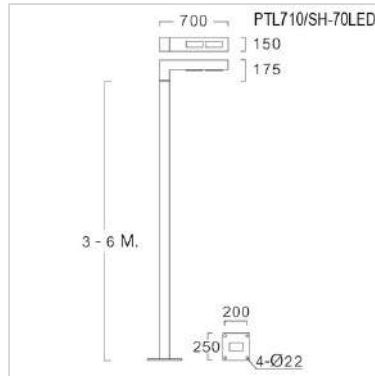
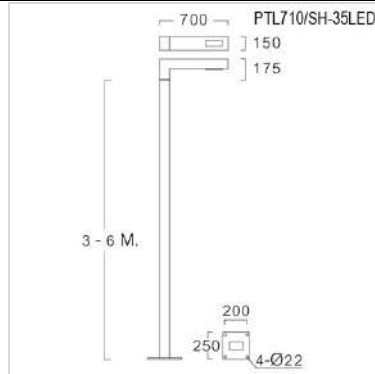
PTL710/SH

Application

Post-top luminaire is designed to use for public or private areas such as hotels, houses, gardens, parks, walkways, etc.

Specification

Housing	Die-formed steel
Finishing	Powder coated in black
Lens	Polycarbonate
Gasket	Silicone rubber
Dimension	Luminaire : 150x700x175 mm. Pole : 150x75x3000-6000 mm.
Mounting	Surface
Power	35/70W
Light Source	LED Module
Colour Temperature	3000K (4000/5700K as optional)
CRI	70
Luminaire Output	35W : 3325 lm 70W : 6650 lm
Beam Angle	Street lighting distribution Forward throw distribution
Control Gear	Built-in driver
Control	DIM 1-10V (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.95
Insulation Class	I
IP Rating	55
Luminaire Lifetime	50,000 hrs.



Ordering Data

Model	Watt
PTL710/SH/BK-35LED	35W
PTL710/SH/BK-70LED	70W

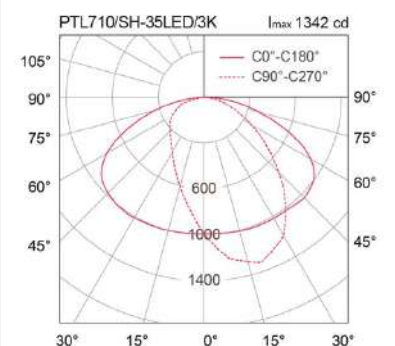
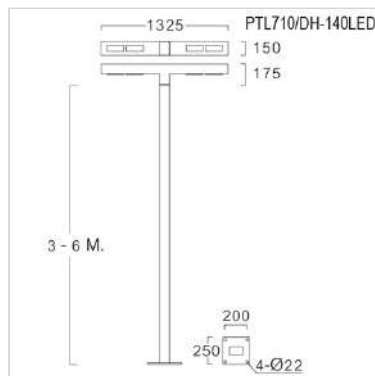
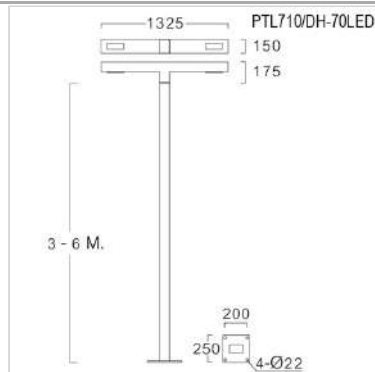
PTL710/DH

Application

Post-top luminaire is designed to use for public or private areas such as hotels, houses, gardens, parks, walkways, etc.

Specification

Housing	Die-formed steel
Finishing	Powder coated in black
Lens	Polycarbonate
Gasket	Silicone rubber
Dimension	Luminaire : 150x1325x175 mm. Pole : 150x75x3000-6000 mm.
Mounting	Surface
Power	70W : 2x35W 140W : 2x70W
Light Source	LED Module
Colour Temperature	3000K (4000/5700K as optional)
CRI	70
Luminaire Output	70W : 2x3325 lm 140W : 2x6650 lm
Beam Angle	Street lighting distribution Forward throw distribution
Control Gear	Built-in driver
Control	DIM 1-10V (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.95
Insulation Class	I
IP Rating	55
Luminaire Lifetime	50,000 hrs.



Ordering Data

Model	Watt
PTL710/DH/BK-70LED	70W
PTL710/DH/BK-140LED	140W

LED Post Top



PTL231

Application

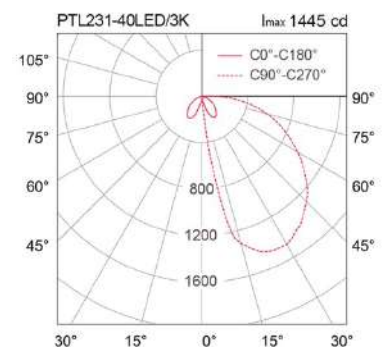
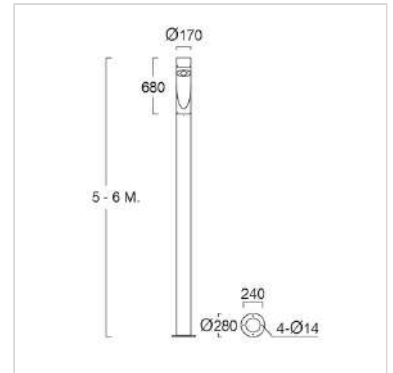
Post-top luminaire is designed to use for public or private areas such as hotels, houses, gardens, parks, walkways, etc.

Specification

Housing	Die-cast and extruded aluminium
Front Cover	Opalescent acrylic
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	Dia.170x5000-6000 mm.
Mounting	Surface
Power	40W
Light Source	LED Module
Colour Temperature	3000K (4000K as optional)
CRI	70
Luminaire Output	1960 lm
Beam Angle	Asymmetrical beam
Control Gear	Built-in driver
Control	DIM 1-10V (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
PTL231/5M/BK-40LED	40W
PTL231/6M/BK-40LED	40W



LED Post Top



PTL232

Application

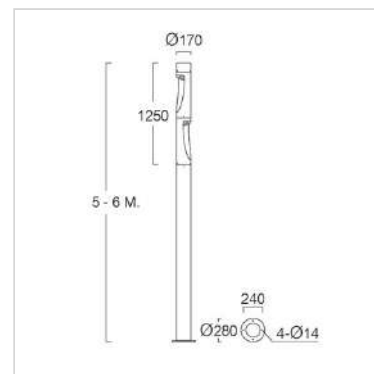
Post-top luminaire is designed to use for public or private areas such as hotels, houses, gardens, parks, walkways, etc.

Specification

Housing	Die-cast and extruded aluminium
Front Cover	Opalescent acrylic
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	Dia.170x5000-6000 mm.
Mounting	Surface
Power	2x40W
Light Source	LED Module
Colour Temperature	3000K (4000K as optional)
CRI	70
Luminaire Output	2x1960 lm
Beam Angle	Asymmetrical beam
Control Gear	Built-in driver
Control	DIM 1-10V (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
PTL232/5M/BK-80LED	80W
PTL232/6M/BK-80LED	80W



PTL233

Application

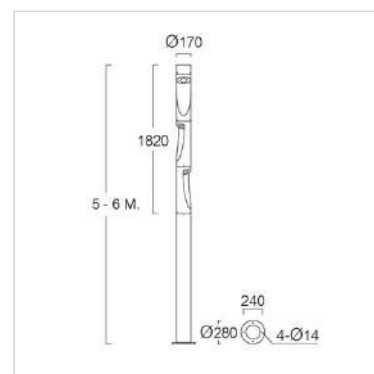
Post-top luminaire is designed to use for public or private areas such as hotels, houses, gardens, parks, walkways, etc.

Specification

Housing	Die-cast and extruded aluminium
Front Cover	Opalescent acrylic
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	Dia.170x5000-6000 mm.
Mounting	Surface
Power	3x40W
Light Source	LED Module
Colour Temperature	3000K (4000K as optional)
CRI	70
Luminaire Output	3x1960 lm
Beam Angle	Asymmetrical beam
Control Gear	Built-in driver
Control	DIM 1-10V (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
PTL233/5M/BK-120LED	120W
PTL233/6M/BK-120LED	120W



LED Post Top



PTL605

Application

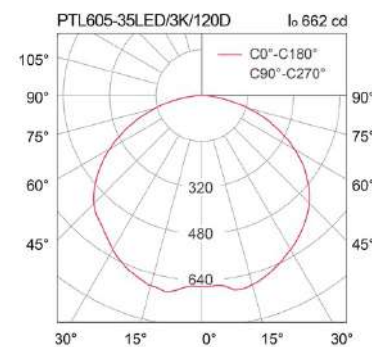
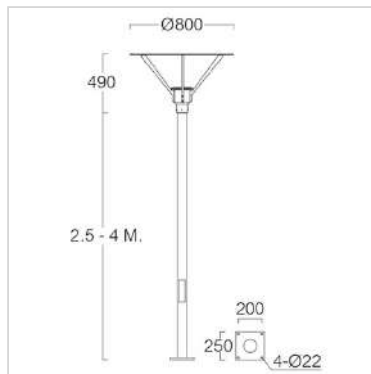
Post-top luminaire is designed to use for public or private areas such as hotels, houses, gardens, parks, walkways, etc.

Specification

Housing	Die-cast and die-formed aluminium with zinc coated steel pole
Front Cover	Clear toughened glass
Finishing	Housing : powder coated in black Reflector : powder coated in white
Reflector	Die-formed aluminium
Gasket	Silicone rubber
Dimension	Luminaire : Dia.800x490 mm. Pole : Dia.114x2500-4000 mm.
Mounting	Surface
Power	35W
Light Source	LED-COB
Colour Temperature	3000K (4000K as optional)
CRI	80
Luminaire Output	2450 lm
Beam Angle	120 degree
Control Gear	Built-in driver
Control	DIM 1-10V (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
PTL605/BK-35LED	35W



PTL607

Application

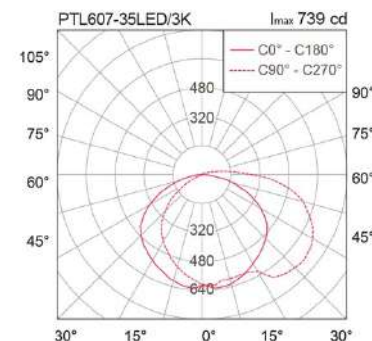
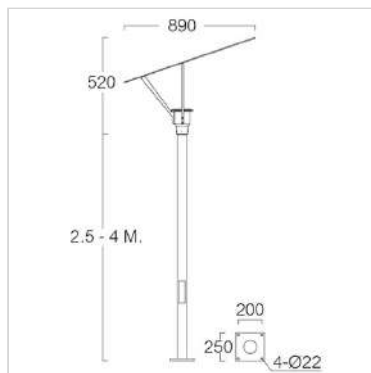
Post-top luminaire is designed to use for public or private areas such as hotels, houses, gardens, parks, walkways, etc.

Specification

Housing	Die-cast and die-formed aluminium with zinc coated steel pole
Front Cover	Clear toughened glass
Finishing	Housing : powder coated in black Reflector : powder coated in white
Reflector	Die-formed aluminium
Gasket	Silicone rubber
Dimension	Luminaire : Dia.890x520 mm. Pole : Dia.114x2500-4000 mm.
Mounting	Surface
Power	35W
Light Source	LED-COB
Colour Temperature	3000K (4000K as optional)
CRI	80
Luminaire Output	2450 lm
Beam Angle	Asymmetrical beam
Control Gear	Built-in driver
Control	DIM 1-10V (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
PTL607/BK-35LED	35W



LED Solar Post Top



PTL301

Application

Post-top luminaire is designed to use for public or private areas such as hotels, houses, gardens, parks, walkways, etc.

Specification

Housing	Die-cast aluminium with zinc coated steel pole
Description	Off-grid system (Only battery back up), 12 hrs. back-up time 100% light output when motion detected, 30% after no movement for 30 second.
Finishing	Powder coated in black
Charger	Fully automatic solid state with constant voltage and limit current charging
Solar Cell	Mono-crystalline silicon, 42W 18V
Battery	Lithium iron phosphate, 12Ah 12.8V
Diffuser	Polycarbonate
Dimension	Luminaire : Dia. 600x455 mm. Pole : Dia. 89x2500-4000 mm.
Mounting	Surface
Power	12W
Light Source	LED Module
Colour Temperature	3000K, 6500K (CCT selectable by remote control)
CRI	70
Luminaire Output	1800 lm
Control Gear	Built-in charger controller
IP Rating	65
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
PTL301/BK-12LED	12W



PTL302

Application

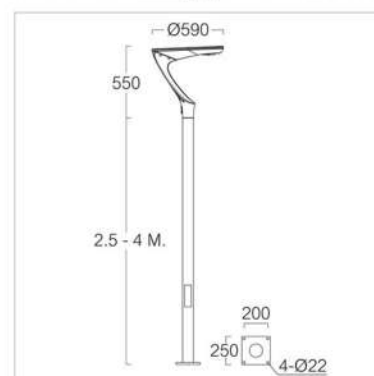
Post-top luminaire is designed to use for public or private areas such as hotels, houses, gardens, parks, walkways, etc.

Specification

Housing	Die-cast aluminium with zinc coated steel pole
Description	Off-grid system (Only battery back up), 12 hrs. back-up time 100% light output when motion detected, 30% after no movement for 30 second.
Finishing	Powder coated in black
Charger	Fully automatic solid state with constant voltage and limit current charging
Solar Cell	Mono-crystalline silicon, 38W 18V
Battery	Lithium iron phosphate, 12Ah 12.8V
Dimension	Luminaire : Dia. 590x550 mm. Pole : Dia. 89x2500-4000 mm.
Mounting	Surface
Power	12W
Light Source	LED Module
Colour Temperature	3000K, 6500K (CCT selectable by remote control)
CRI	70
Luminaire Output	1800 lm
Control Gear	Built-in charger controller
IP Rating	65
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
PTL302/BK-12LED	12W



PHILOSOPHY

1

UPHOLD FAIRNESS

2

DEDICATE TO QUALITY



3

HONEST AND PUNCTUAL

4

WORK TOGETHER AS A TEAM

VISION

To be the leading total lighting solution provider in ASEAN.

MISSION

01

DIVERSE PRODUCTS

Offer diverse and complete range of lighting products to meet every sector's requirement.

02

WELL-COVERED NETWORK

Establish well-covered marketing networks accessible to various group of customers.

03

FULLY INTEGRATED SERVICES

Provide fully integrated services for customers' advantage.

04

HIGH STANDARD MANUFACTURING

Establish high standard facilities with modern and efficient manufacturing process to respond to the market requirement.

05

MODERN INNOVATION

Establish Lighting Innovation Center to proactively innovate and develop new products to meet market requirement and establish a world class testing laboratory to facilitate new products development and innovation.

TIMELINE



more than light



1993

Started with 25 million Baht registered capital and acquired the business from Yong Enterprise Ltd. Part., a company marketing fluorescent luminaire to electrical contractors. Expanded the business to cover government agencies and has become agents for many world-class Lighting manufacturers.

1999

Strengthen the company competitiveness by acquiring T.S. Trunking Co. Ltd. (name has now been changed to L&E Manufacturing Co. Ltd.) which manufactures whole range of fluorescent lighting luminaires and trunking products. Started to expand to export market to benefit from the weak Baht at that time.



1994-1998

Expanded business by offering diverse range of lighting products. Provided lighting design and recommended proper use of lighting products to provide better value to customers. Expanded marketing network to cover project and wholesale activities.



2000-2003

Expanded business to cover modern trade market and included extensive range of decorative lighting products for residential. Established the Lighting Application Center for demonstration to customers how lighting products can be effectively applied for various applications. Developed and improved MIS and logistics system so that the company can provide faster and better services to customers.



2004

Increased registered capital to 137.50 million Baht, became a public company and listed in the Stock Exchange of Thailand



2005

Expanded manufacturing facilities to enable the company to manufacture whole range of indoor and outdoor lighting luminaires. Established representative office in Vietnam.

MAJOR MILESTONE

Lighting & Equipment Public Company Limited operates a fully integrated business in lighting products, from research and product development, has its own IEC/ISO 17025 accredited laboratory and ISO 9001 accredited manufacturing factories as well as distributes the products to all customer groups in domestic and abroad. In addition, the company provides various services for maximum benefit to customers, i.e. recommend proper products including provide lighting designs for each application, as well as offer rental products and rental lighting systems for various events. The company has diverse and complete range of lighting products that can meet the requirement of all customer groups. i.e. residential, office, commercial building, department store, showroom, retail store, museum, manufacturing factory, warehouse, historical structure, public park, stadium, street, airport, advertising box, etc.



2006

Granted 5 years corporate income tax holiday by Board of Investment for the factory expansion and manufacturing modernization of the company to improve productivity and reduce production cost.



2008

Granted Top Corporate Governance Awards, mai from Stock Exchange of Thailand.



2010

Granted IEC/ISO 17025 accreditation for lighting luminaries laboratory and ISO 9001:2008 accreditation for lighting luminaries manufacturing. Granted Top Corporate Governance Awards : mai from Stock Exchange of Thailand

2011

Established L&E Solid State Co. Ltd. to manufacture LED products which is the first Thai factory manufacturing LED lamps for lighting.



2007

Increased registered capital to 305.70 million Baht and established lighting luminaire laboratory for research and develop of lighting products as well as product quality test to ensure that products delivered to customers have good quality and meet standard.



2009

Established Lighting Solution Center, the showroom that completed with diverse range of lighting products for various life-styles, experienced lighting designers to provide recommendation and lighting design to customers including lighting showcases for customers to experience light effect, to expand marketing channel to retail customers.



2012-2013

Constantly develop LED products and launch them into the market and expand business into AEC market.
Create slogan " L&E more than...light " for communication to the market.



more than light

2015

Opened new manufacturing factories and warehouses at Ladloomkaew district, Pathumthani province, total space 80,000 SQM. comprised of : Warehouse and distribution center, total space 16,000 SQM. Assembly factory total space 5,800 SQM. LED lamps, LED components and certain LED luminaires manufacturing. factories under the subsidiary : L&E Solid State Co.,Ltd., total space 8,500 SQM. lighting luminaires and lighting poles manufacturing. factories under the subsidiary : L&E Manufacturing Co.,Ltd., total space 7,600 SQM. Established L&E Myanmar Co.,Ltd. a subsidiary in Yangon, The Republic of the Union of Myanmar.



2014

Penetrated into the consumer market by advertising it's LED lamps for the first time in the television media and other media. Increased registered capital to 494.2 million Baht. Reduced the company's PAR value from 5 Baht to 1 Baht. shift the transaction of the company's share from mai market to SET market. Opened an additional showroom, Lighting Solution Center on Ratchaprerk road.



2016 - 2017

- Established a wholly-own subsidiary, the Lighting & Equipment (Vietnam) Co., Ltd. In Dong Nai, Vietnam with the intention to import lighting product from Head Office for resale in Vietnamese market, and to manufacture lighting products for sale in Vietnamese market as well as for sale to Head Office in Thailand.
- All the 3 manufacturing factories under the company L&E Manufacturing Co., Ltd. (LEM) at Latlumkaeo Pathumthani and L&E Solid State Co., Ltd. (LES) has been assessed and conformed to the environmental system ISO 14001:2015 (TIS 14001-2559)



2018

The Grand Opening ceremony of Lighting & Equipment (Vietnam) Co.,Ltd., 12 December 2018 at Amata Industrial Estate, Dong Nai City, Vietnam.

2019

L&E was certified as Thai Innovation and Invention account by Budget Bureau about 2 products Horticultural LED Lighting and LED T8 - L&E Manufacturing Co.,Ltd. (LEM.) has been assessed and found to be conforming to the requirements of TIS 45001-2561 (ISO 45001-2018)



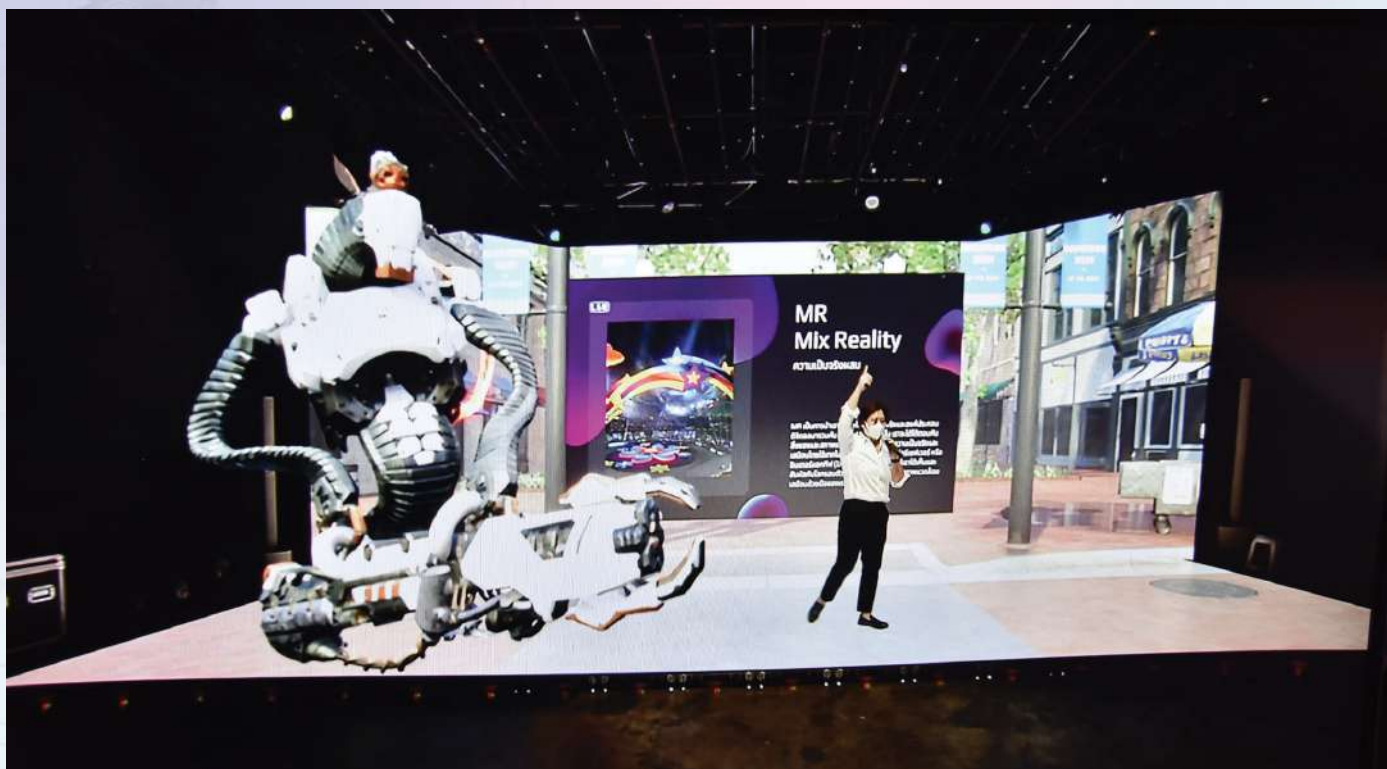
2020

- Aiming to the market for various innovative lighting products such as IOT products, lighting used in Agriculture and Medical industry, etc.
- Add a business model (Business Model) "Efficient Value Chain Management" to support mass production In order export to large customers abroad.



2021

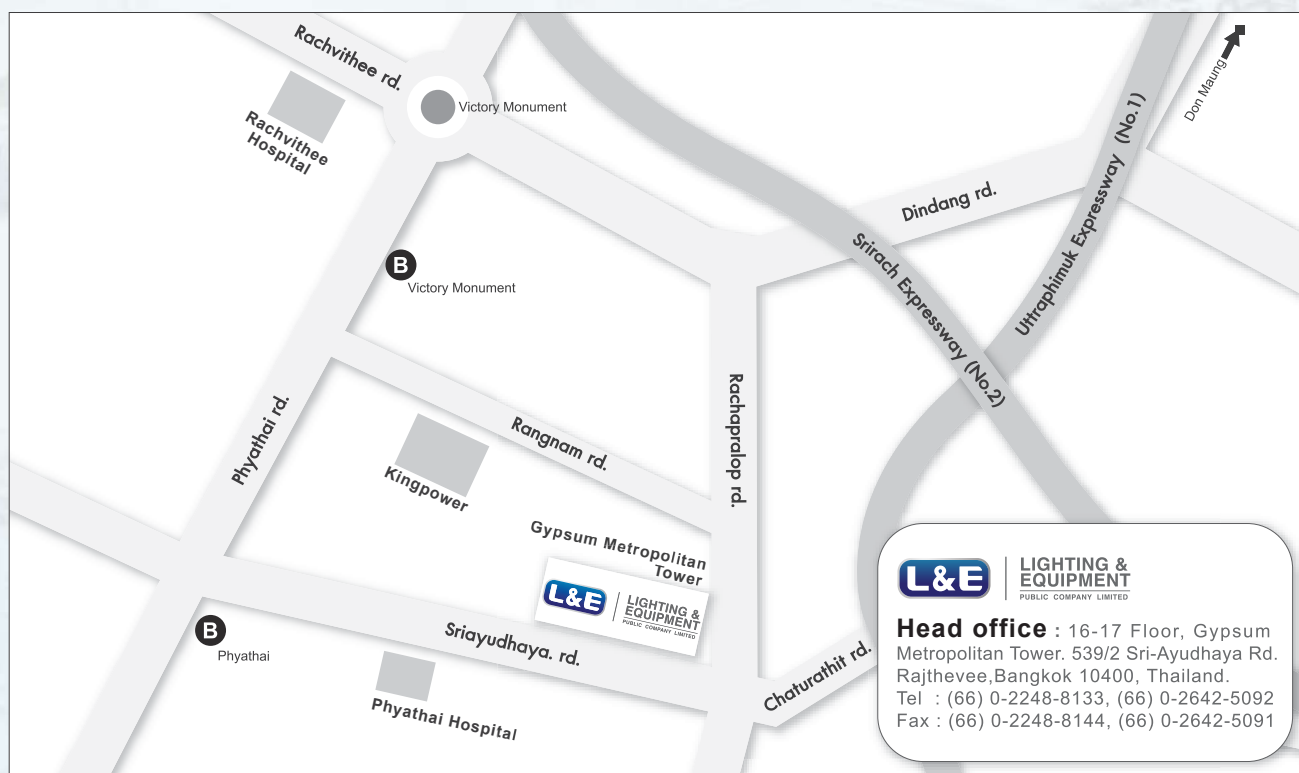
New Business to the Lighting and Entertainment Technology Provider



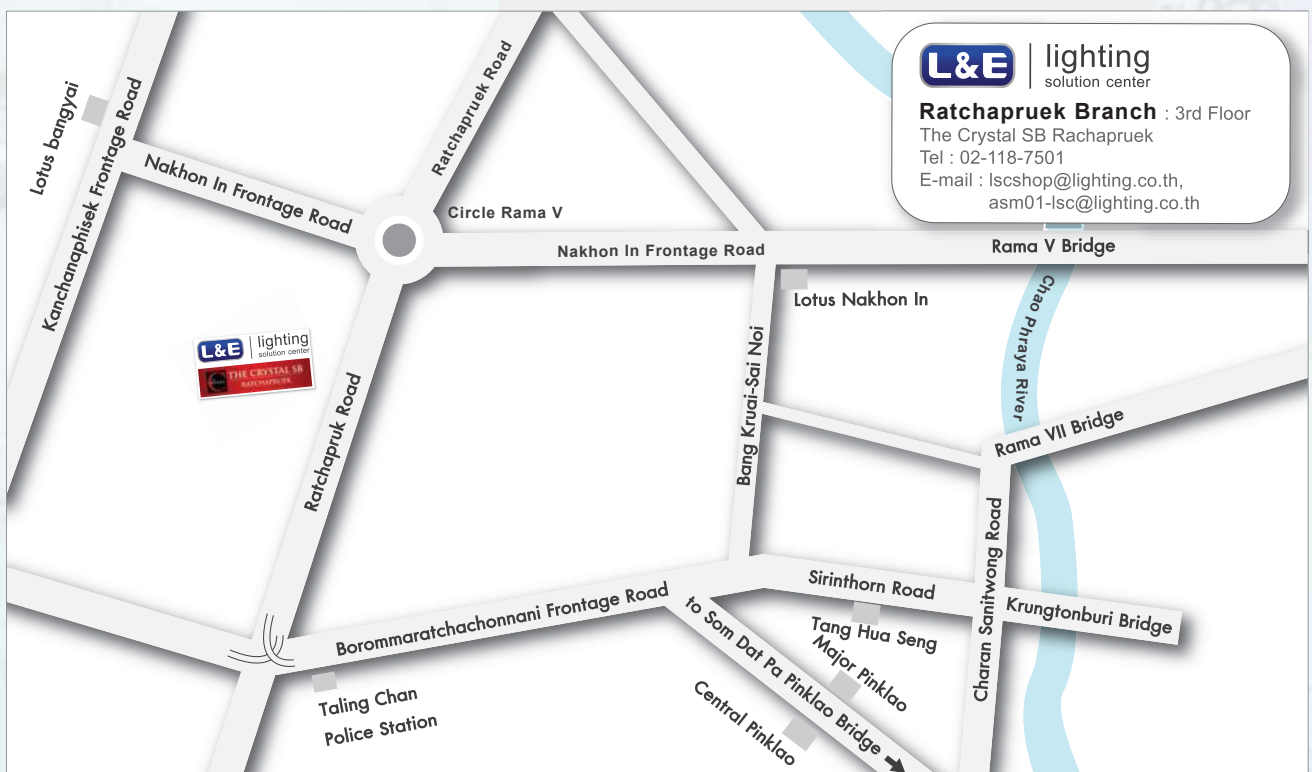
L&E

15:44

Thailand offices



Lighting solution center





more than light

Thailand offices

Lighting and Equipment Public Company Limited

Head Office

16-17 Floor, Gypsum Metropolitan Tower.
539/2 Sri-Ayudhya Rd., Rajthevee,
Bangkok 10400
E-mail : secretarymk@lighting.co.th

Tel. : +66 2248 8133
+66 2642 5092
Fax. : +66 2248 8144
+66 2642 5091

Showroom/Lighting Solution Center

Ratchadapisek Branch
9, Pakin Building Ratchadapisek Road Dindaeng,
Bangkok, 10400
E-mail : rd@lighting.co.th

Tel. : +66 2246 1164 66
Fax. : +66 2246 1161

Showroom/Lighting Solution Center

Ratchapruek Branch
3rd Floor The Crystal SB Ratchapruek
E-mail : rd@lighting.co.th

Tel. : +66 2118 7501-04

Oversea offices

L&E Myanmar Company Limited

No.19-L Myint Zu 2 street, Yamkin Township, Between
Kabaraye Pagoda Road and Wayzayantar Road,
Yangon, Myanmar.
Email : le_myanmar@lighting.co.th

Tel. : +95 94 5001 0468

Lighting & Equipment (VIETNAM) Company Limited

Lot 101/3 Road No. 1. Long Binh (AMATA)
Industrial Park, Long Binh Ward, Bien Hoa City,
Dong Nai Province, Vietnam.
Email : eklukb@lighting.co.th
weerada.wo@lighting.co.th
chinh@lighting.co.th

Tel. : +84 251 368 5688
Fax. : +84 251 368 5699

Representative Office of Indonesia

The Vida Building 7th Floor, Jl. Raya Perjuangan No.8
Kebon Jeruk - Jakarta Barat, Jakarta 11530
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Fax. : +62 212 977 8001
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+62 818 083 3247

Representative of Malaysia

Contact : Mr. Alex Goh
Email : alex.goh@lighting.co.th

M. : +60 1 2286 1288

Corporate Showroom in Cambodia

Home Access Co., Ltd.
THAN'S Building, No. 46
Mao Tse Toung Blvd (245) corner 95 road,
Phnom Penh 120111, Cambodia

Tel : +855 23 216 195

Email : sale@myhomeaccess.com