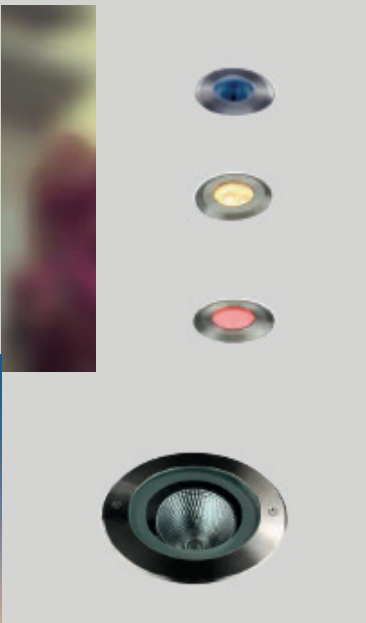


LUBORN EXTERIORS - LED VOL III



Due to continuous improvements, specifications may change without prior notice.

Company Profile

Luborn EXTERIORS is a trusted name in the outdoor architectural lighting scene backed with a proud of several years plus history of successful lighting projects.

Luborn EXTERIORS outdoor architectural luminaires are ideally suited for Outdoor environments. They feature stylish architectural designs, high-performance optics and a superior degree of physical integrity in terms of durable finishes and high ingress protection ratings. Our valuable partners are recognised internationally for their unique professional approach, exceptional technical know-how and superbly engineered products

Luborn EXTERIORS - The Ultimate Lighting Solution

Welcome to the third edition of the Luborn EXTERIORS Lighting catalogue. Our new catalogue brings you a vast array of Architectural lighting Products ranging commercial exterior lighting including a good range of LED and Low Energy products.

We ensure that all of our products are tested thoroughly and that all comply with current European safety and technical standards. We are an international company based in Asia and China with offices, showrooms and distribution facilities in all locations. We also have our manufacturing partner facility in China. Currently our aim is to primarily focus on all areas of the Europe, Middle East and Asian markets providing a superb customer service, with stock ready to go on a next day delivery straight to your door.

The functions of our products and services are determined by the users in the relentless search for advanced technical solutions. These Technical solutions are presented in a form that is in sympathy with architectural environments.

We hope that you find these latest editions of catalogues to be helpful in sourcing the lighting solutions to suite you as per Project requirement. If you require any advice on lighting schemes or any further product information, please contact us either by telephone or, e-mail

info@luborn-exteriors.com or visit our website at www.luborn-exteriors.com

Design Creates Illumination

The new Landscape product line from Luborn EXTERIORS luminaries are designed for optical performance and superior corrosion resistance constructed of the highest quality of 304 or 316 Stainless Steel and heavy Duty Die Cast Aluminium materials. Products are suitable for all forms of Commercial, Residential and Street or Garden applications. Multiple Energy Efficient lamp sources are available including Metal Halide, Compact Fluorescents and LED.

Luborn EXTERIORS was established to produce lighting designs for exterior products with the accent on the quest for style as a blend between form and innovative technical functions, creating products with an immediate visual impact that are pleasant additions to any ambience. High quality looks, state of the art materials and a careful study of both lighting sources and energy saving to ensure that the very essence of the light is controlled and exploited to the full are the leitmotifs of a concern that has taken this heritage of experience and transferred it into the cutting-edge competition of luminaries for community spaces, shopping centres, public entertainment and leisure centres and the whole range of the workplace.

Luborn EXTERIORS operates out of two production plants, where it employs qualified staff, lighting specialists and technicians responsible for an in-house centre that controls every single phase of every single process.

Luborn EXTERIORS evolution toward the professional market goes on with the new proposals of architectural lighting designed for Landscapes.

Who are we and what do we offer you?

We are a lighting specialist with tailor design solutions exclusively for you with our sister manufacturing partner. We design and produce street lighting, garden lighting, wall lighting, flood lighting, and outdoor, landscape and facade luminaires.

We produce the product you need.































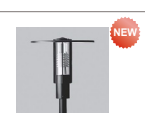
If it is a product that currently produce and sell, we can both improve and manufacture customzely it only for you.

If it is a new product that you want to bring into your needs and we propose the best option with total exclusivit, confidentiality, in the best possible conditions.

Contents

Street Lighting

LUMINAIRES SERIES

 NEW EAGLE L P3-P4	 EAGLE S P5-P6	 EUREKA P7-P8	 EUREKA MH P9-P10	 CRUX L P11-P12	 CRUX S P13-P14	 NEW CRUX P15-P16
 SHEPHERD P45-P46	 TUCANA P17-P18	 TUSCANA P17-P18	 NEW RODEO P19-P20	 NEW RODEO P19-P20	 VIRGO P21-P22	 VIRGO P21-P22
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 NEW COSMOS P26-P28	 COLARADO P37-P38	 BREW P39-P40	 NEW SCULPTOR P42	 NEW CANE RING P44	 CANE RING P45-P46	
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 NEW P47-P50

LED LED MODULE

 NEW TANGO P51-P52	 NEW CRUZE 24 P51-P52	 NEW CRUZE 36 P51-P52	 NEW CRUZE 48 P51-P52
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Street Lighting

LUMINAIRES

The LED Street Lighting series is a new Architectural Garden or Street luminaires with LED light output 120 degree beam angle with directionally downwards, uniform light distribution and unique structure design. This product features very precise symmetrical light control achieving superb lighting for large open areas. The light from the lamp is focused by a reflector onto the ground, broad spread and uniform with anti-glare function. Specially designed for Residential areas, secondary roads, pedestrian, Town crossings, car parks areas, public parks and gardens.

This LED Street series is a new Symmetrical Architectural Garden Lighting Series providing precision optical system gives very low glare rating, while reducing light pollution. It can achieve the desired effect in a wide range of applications with high quality optical systems and for direct / indirect / asymmetrical lighting. This product provide soft, uniform, enhancing special lighting effect that blends into the space being lit, to maximizes innate light beauty.

Precision optical system of this Series gives very low glare rating, while reducing light pollution. The housing materials of the fixture of this series can be specified as main structure made of heavy duty Die cast aluminum covered by anti-corrosion resistant covering 5 years of warranty. The led street series is equipped with a uniquely designed for better protection and durability, easier installation and maintenance.

Tempered Glass Lens Diffuser, Heat resistant silica gel water proof gasket, Aspheric Optics Lens patent technology, wide light irradiation range, high uniformity, Impact resistant, shockproof construction and no ultraviolet or infrared radiation. Its surface has also been oxidized and will not get rusted by moisture, and its color will not fade out. The LED Street series is also equipped with a uniquely designed for better protection and durability, easier installation and maintenance. Due to its high IP rating 65 or 66, the LED Street Lighting series is special designed to offer functional, a wide range of lighting solutions and dramatic highlighting of the architectural Landscape Area.

As a high quality feature for years to come, the luminaire is installed with a high efficient CREE / OSRAM / EDISON or BRIDGELUX LED lamps with average 50000 Hrs life and input 100V – 240V AC & 50-60 Hz power input operation on an integrated board with switching elements between different colours or mixtures of colours on the same integrated board so-called "RGB" Red-Green-Blue through DMX Controller. The modern LED boards are technically developed with a standardized interface of voltage controlled by a High Quality of LED Driver (Eagle, Meanwell, TCI or Merrytek controlling systems and incorporated in the body.

LEDs are stucked to the aluminium heat sink for maximum fast heat dissipation. Protection Class I is maintained. The products are with high quality LED Source with low energy consumption which maintenance free and choice of color output.

The features of luminaires are such as long life ,limited maintenance and constant lifetime performance, suitable for high efficiency long-life lamps available with different colour temperatures.

EAGLE L



Description

350mA/500mA/750mA/1050mA

- Body: Heavy Duty Die-cast aluminium.
- Optical system: Adopt modular light distribution lens, diffuser with super white tempered glass diffuser.
- Gear plate: Galvanized steel plate, button design for opened device.
- Electric: Quick on/off connector when be open.
- Finishing: Surface anti-ageing electrostatic spray processing, super resistance to corrosion.
- Assembling height: 6-10m.
- Fixing: Top or side fitting Ø60mm, angle can be adjustable.

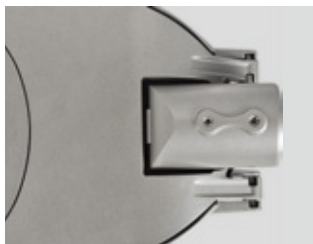


Due to continuous improvements, specifications may change without prior notice.

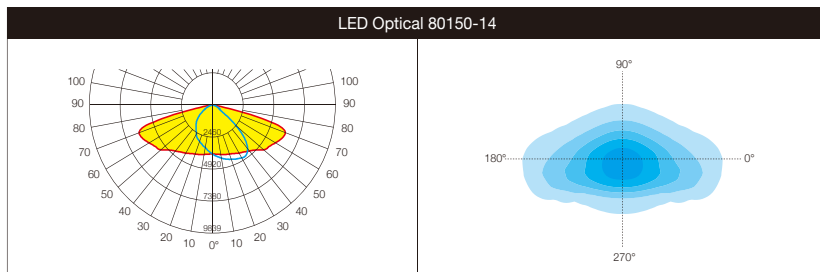


Technology Data

Code	Lamp	Output power	LED Pcs	Lumen	N.W.(kg)	G.W.(kg)	LED
EAGLE L 100	LED	100W	42	9665	11.7	14.7	
EAGLE L120		120W	56	10025	11.8	14.8	
EAGLE L 100		100W	70	10025	12	15	
EAGLE L 150		150W	70	14154	12	15	
EAGLE L 150		150W	98	14695	12	15	
EAGLE L 180		180W	98	17100	12	15	

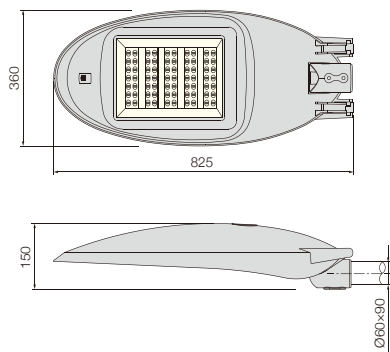


Optical Application



100V-277V 50-60Hz	>50000 h	42 LEDS	56 LEDS	70 LEDS	98 LEDS
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Dimensions



Due to continuous improvements, specifications may change without prior notice.

EAGLE S



Description

350mA/500mA/750mA/1050mA

- Body: Heavy Duty Die-cast aluminium.
- Optical system: Anodized reflector and special light distribution lens, diffuser with super white tempered glass diffuser.
- Gear plate: Aluminium plate, special screw fastening.
- Finishing: Surface anti-ageing electrostatic spray processing, super resistance to corrosion.
- Assembling height: 4-7m.
- Fixing: Top or side fitting Ø60mm, angle can be adjustable.



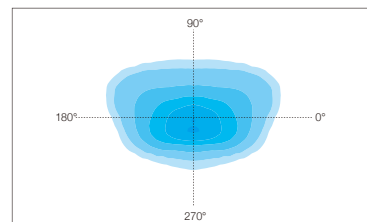
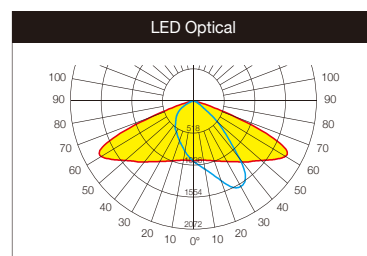
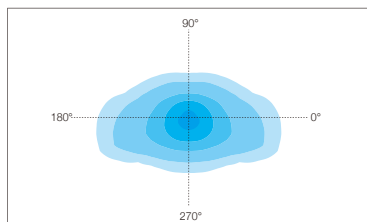
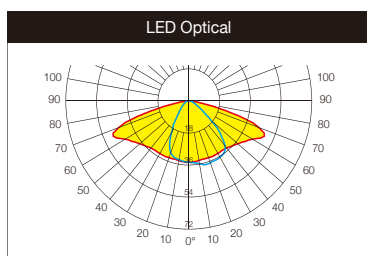
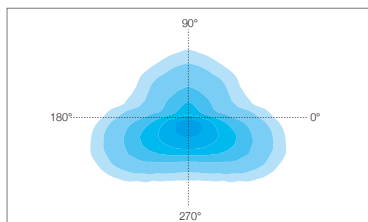
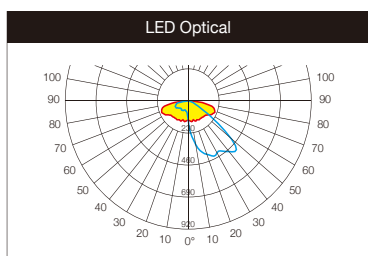
Technology Data

Code	Lamp	Output power	LED Pcs	Lumen	N.W.(kg)	G.W.(kg)	LED
EAGLE S 40	LED	40W	24	4018	6.3	7.3	
EAGLE S 60		60W	24	5617	6.3	7.3	
EAGLE S 60		60W	36	6080	6.3	7.3	
EAGLE S 80		80W	36	7639	6.5	7.5	
EAGLE S 60		60W	48	5910	6.3	7.3	
EAGLE S 80		80W	48	7805	6.5	7.5	
EAGLE S 100		100W	48	9108	6.8	7.8	

Due to continuous improvements, specifications may change without prior notice.

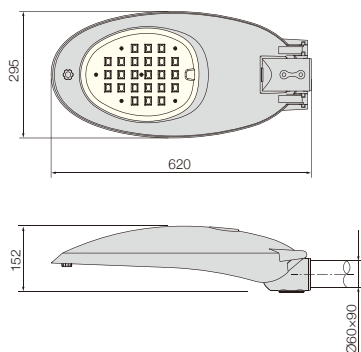


Optical Application



100V-277V 50-60Hz	>50000 h	24 LEDS	36 LEDS	48 LEDS
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Dimensions



Due to continuous improvements, specifications may change without prior notice.

EUREKA



luminaire



Optical block

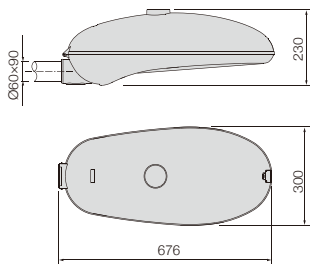


Description

350mA/500mA/750mA/1050mA

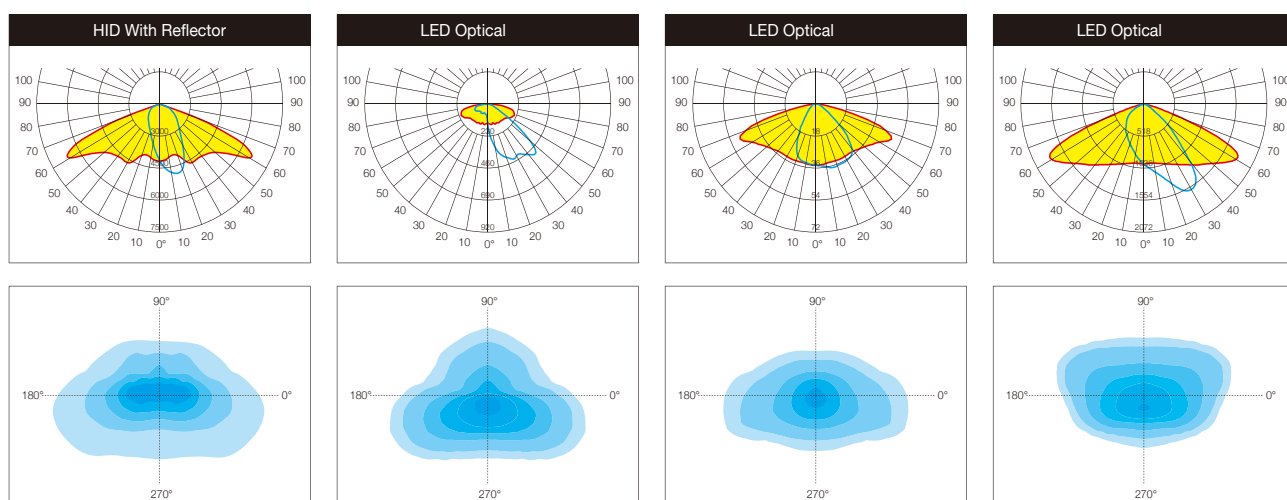
- Body: Heavy Duty Die-cast aluminium.
- Optical system: Anodized aluminium reflector and flat or lenticular tempered glass diffuser.
- Gear plate: Galvanized steel plate, stainless steel fasten.
- Finishing: Surface anti-ageing electrostatic spray processing, super resistance to corrosion.
- Assembling height: 6-9m.
- Fixing: Top or side fitting Ø60mm, angle can be adjustable.

Due to continuous improvements, specifications may change without prior notice.





Optical Application



100V-277V 50-60Hz >50000 h 24 LEDES 36 LEDES 48 LEDES

Technology Data

Code	Lamp	Output power	LED Pcs	Lumen	N.W.(kg)	G.W.(kg)	LED
EUREKA	HPS/MH	100W-250W	/	/	4.8	5.5	
EUREKA 40	LED	40W	24	4018	6.3	7.0	
EUREKA 60		60W	24	5617	6.3	7.2	
EUREKA 60		60W	36	6080	6.3	7.2	
EUREKA 80		80W	36	7639	6.3	7.2	
EUREKA 60		60W	48	5910	6.3	7.2	
EUREKA 80		80W	48	7805	6.8	7.3	
EUREKA 100		100W	48	9108	6.8	7.3	

Due to continuous improvements, specifications may change without prior notice.

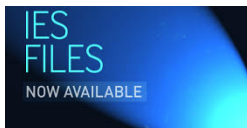
EUREKA MH



Description

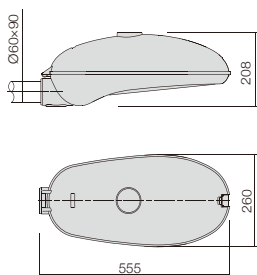
350mA/500mA/750mA/1050mA

- Body: Heavy Duty Die-cast aluminium.
- Optical system: Anodized aluminium reflector and flat or lenticular tempered glass diffuser.
- Gear plate: Galvanized steel plate, stainless steel fasten.
- Finishing: Surface anti-ageing electrostatic spray processing, super resistance to corrosion.
- Assembling height: 4-7m.
- Fixing: Top or side fitting Ø60mm, angle can be adjustable.

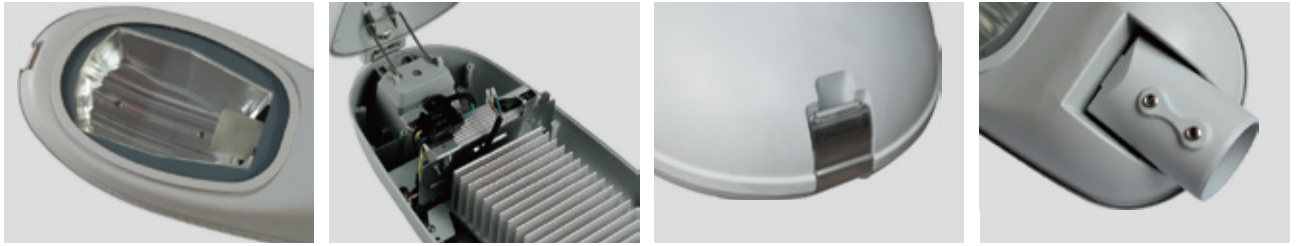


luminaire

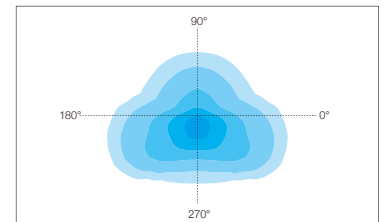
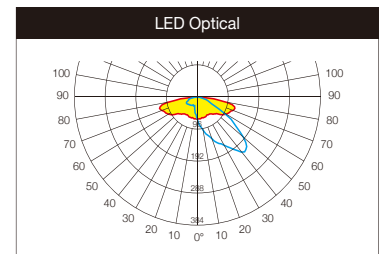
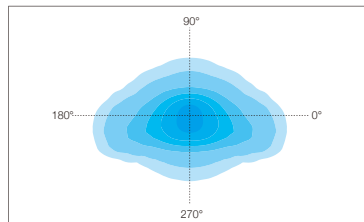
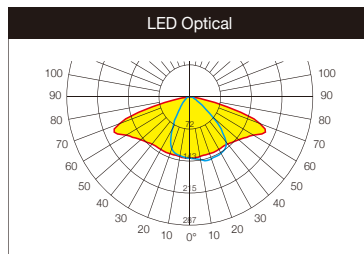
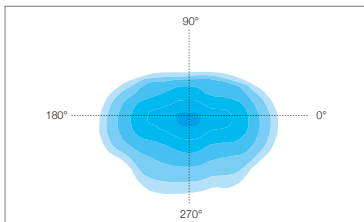
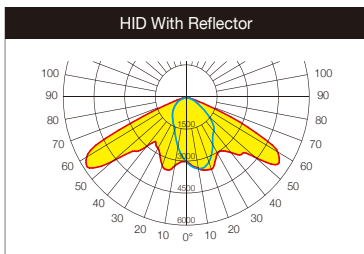
Optical block



Due to continuous improvements, specifications may change without prior notice.



Optical Application



100V-277V
50-60Hz

>50000 h

16
LEDS

24
LEDS

Technology Data

Code	Lamp	Output power	LED Pcs	Lumen	N.W.(kg)	G.W.(kg)	LED
EUREKA MH	HPS/MH	70W-150W	/	/	3.5	4.0	
EUREKA MH 30		30W	16	2950	5.0	5.5	
EUREKA MH 40	LED	40W	24	3648	5.0	5.5	
EUREKA MH 60		60W	24	5470	5.0	5.5	

Due to continuous improvements, specifications may change without prior notice.

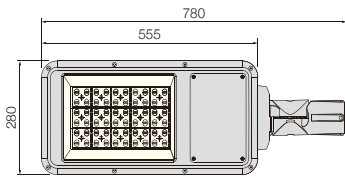
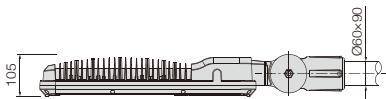
CRUX L



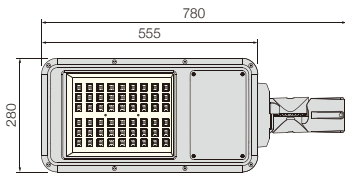
Description

350mA/500mA/750mA/1050mA

- Body: Heavy Duty Die-cast aluminium.
- Optical system: Anodized PP reflector by chrome and special light distribution lens, super white tempered glass diffuser.
- Gear plate: Galvanized steel plate.
- Finishing: Surface anti-ageing electrostatic spray processing, super resistance to corrosion.
- Assembling height: 6-9m.
- Fixing: Top or side fitting Ø60mm, angle can be adjustable.



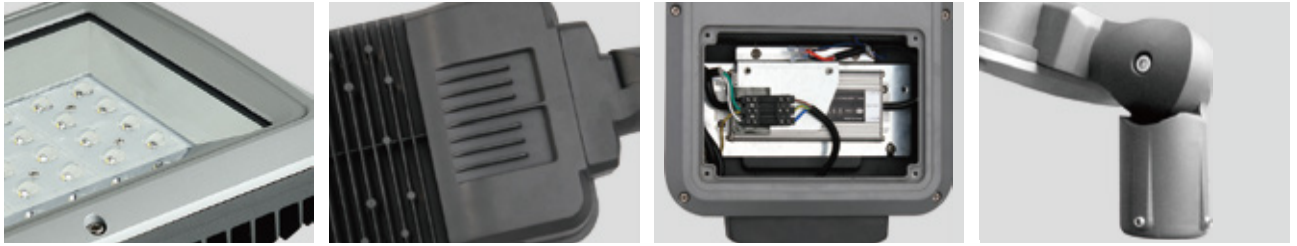
D-120MN



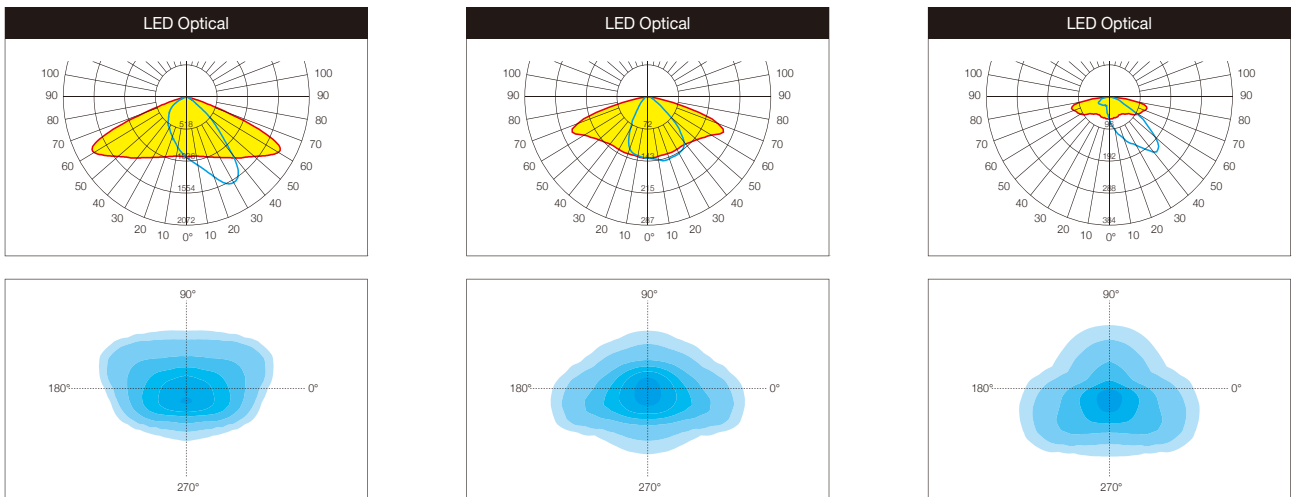
D-120M



Due to continuous improvements, specifications may change without prior notice.



Optical Application



100V-277V
50-60Hz
>50000 h
48
LEDS
54
LEDS
40
LEDS
48
LEDS
60
LEDS

D-120M
D-120MN

Technology Data

Code	Lamp	Output power	LED Pcs	Lumen	N.W.(kg)	G.W.(kg)	LED
CRUX L 60-48	LED	60W	48	6440	10.5	11.7	CREE
CRUX L 80-48		80W	48	8151	10.7	11.9	
CRUX L 100-48		100W	48	9393	10.8	12.0	
CRUX L 120-54		120W	54	11080	11.0	12.2	
CRUX L 60-40	LED	60W	40	6210	10.5	11.7	
CRUX L 60-48		60W	48	6420	10.5	11.7	
CRUX L 80-48		80W	48	7693	10.7	11.9	
CRUX L 100-48		100W	48	9150	10.8	12.0	
CRUX L 120-60		120W	60	11358	11.0	12.2	
CRUX L 150-60		150W	60	13530	11.0	12.2	

Due to continuous improvements, specifications may change without prior notice.

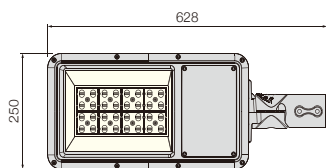
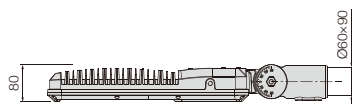
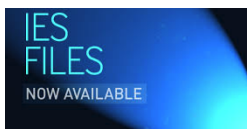
CRUX S



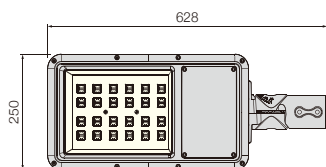
Description

350mA/500mA/750mA/1050mA

- Body: Heavy Duty Die-cast aluminium.
- Optical system: Anodized PP reflector and special light distribution lens, super white tempered glass difuser.
- Gear plate: Galvanized steel plate.
- Finishing: Surface anti-ageing electrostatic spray processing, super resistance to corrosion.
- Assembling height: 4-7m.
- Fixing: Top or side fitting Ø60mm, angle can be adjustable.



D-120SN



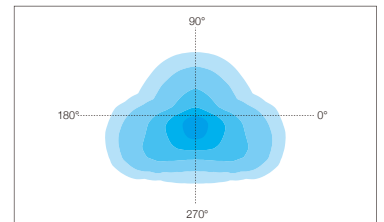
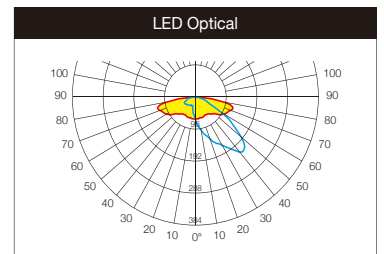
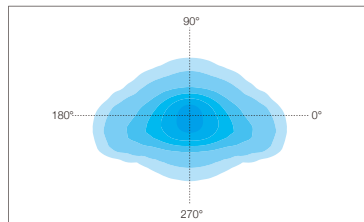
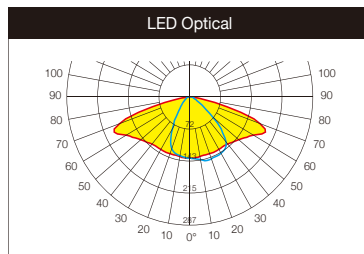
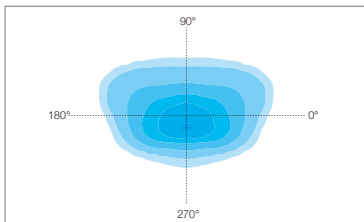
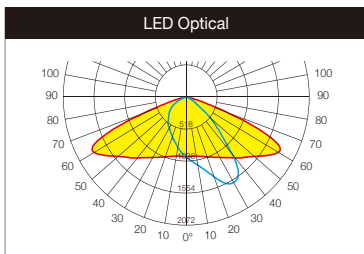
D-120S



Due to continuous improvements, specifications may change without prior notice.



Optical Application



100V-277V 50-60Hz >50000 h 24 LEDES D-120S 24 LEDES 32 LEDES D-120SN

Technology Data

Code	Lamp	Output power	LED Pcs	Lumen	N.W.(kg)	G.W.(kg)	LED
CRUX S 30-24	LED	30W	24	2975	10.5	11.7	
CRUX S 40-24		40W	24	3852	10.5	11.7	
CRUX S 60-24		60W	24	5552	10.8	11.8	
CRUX S 30-24	LED	30W	24	3020	10.5	11.7	
CRUX S 40-24		40W	24	3960	10.5	11.7	
CRUX S 60-24		60W	24	5615	10.7	11.9	
CRUX S 40-32		40W	32	4095	10.8	12.0	
CRUX S 60-32		60W	32	5766	11.0	12.2	
CRUX S 80-32		80W	32	7360	11.2	12.4	

Due to continuous improvements, specifications may change without prior notice.

CRUX

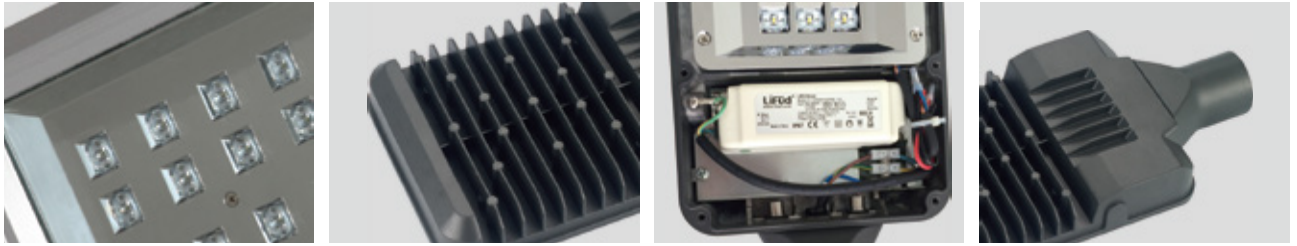


Description

350mA/500mA/750mA/1050mA

Body:	Heavy Duty Die-cast aluminium.
Optical system:	Anodized PP reflector and special light distribution lens, super white tempered glass diffuser.
Gear plate:	Galvanized steel plate.
Finishing:	Surface anti-ageing electrostatic spray processing, super resistance to corrosion.
Assembling height:	3-5m.
Fixing:	Side fitting Ø48mm, Ø60mm casing option.

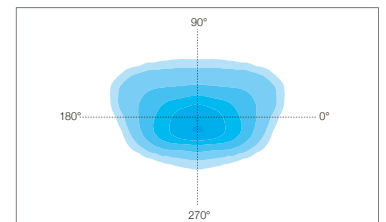
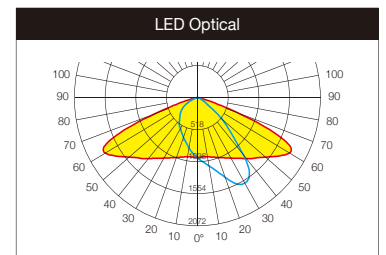
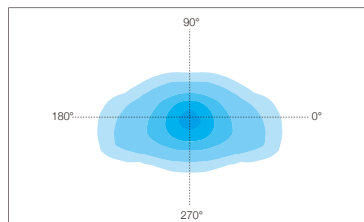
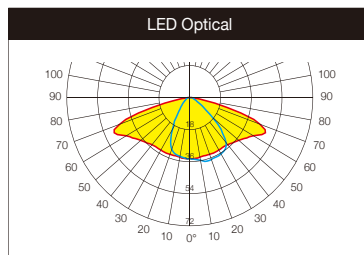
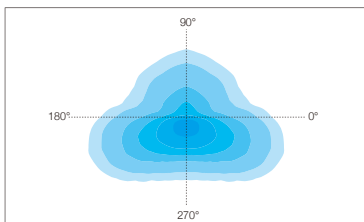
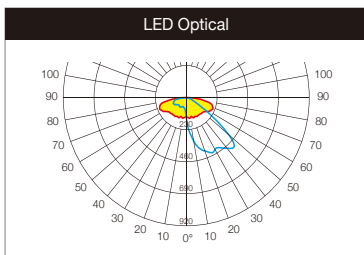




Technology Data

Code	Lamp	Output power	LED Pcs	Lumen	N.W.(kg)	G.W.(kg)	LED
CRUS 20-12	LED	20W	12	1939	2.8	3.2	
CRUX 30-12		30W	12	2596	2.8	3.2	

Optical Application



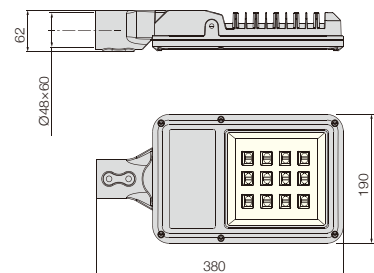
100V-277V
50-60Hz

>50000 h

12
LEDS



Dimensions



Due to continuous improvements, specifications may change without prior notice.

Due to continuous improvements, specifications may change without prior notice.

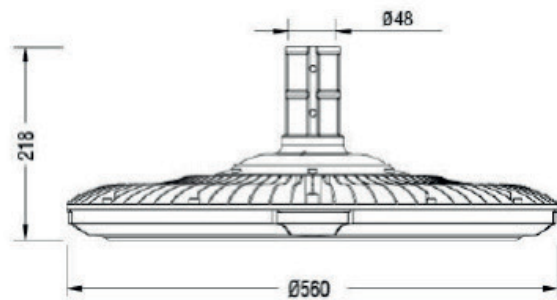
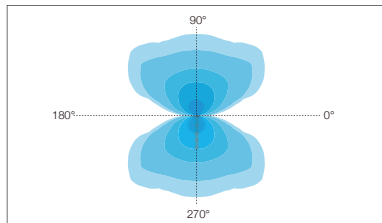
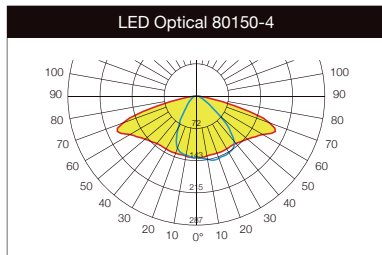


SHEPHERD

Description

350mA/500mA/750mA/1050mA

Body: Heavy Duty Die-cast aluminum body, aluminum extruded column. UV Resistant PMMA Diffuser, special light distribution lens, super white.
 Optical system: Aluminum plate base.
 Base plate: Surface anti-ageing painting processing, super resistance to corrosion.
 Assembling height: 3.5-6m.



Technology Data

Code	Lamp	Output power	LED Pcs	Lumen	N.W.(kg)	G.W.(kg)	LED
SHEPHERD 30-24	LED	30W	24	2104	10.5	15.0	
SHEPHERD 65-54		65W	54	4564	11.5	15.0	
SHEPHERD 85-72		85W	72	5705	12.5	15.0	

Due to continuous improvements, specifications may change without prior notice.

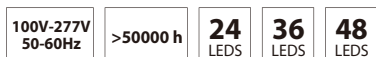
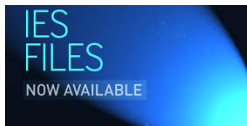
TUSCANA



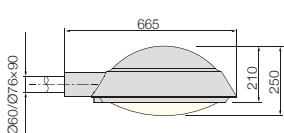
Description

350mA/500mA/750mA/1050mA

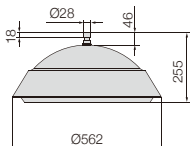
- Body: Heavy Duty Die-casting aluminium.
- Optical system: Anodized aluminium reflector and flat or lenticular tempered glass diffuser.
- Gear plate: Galvanized steel plate, button design for opened device.
- Finishing: Surface anti-ageing electrostatic spray processing, super resistance to corrosion.
- Assembling height: 4-9m.
- Fixing: Side fitting Ø60mm or Ø76mm, hang fitting Ø38mm.



D-32



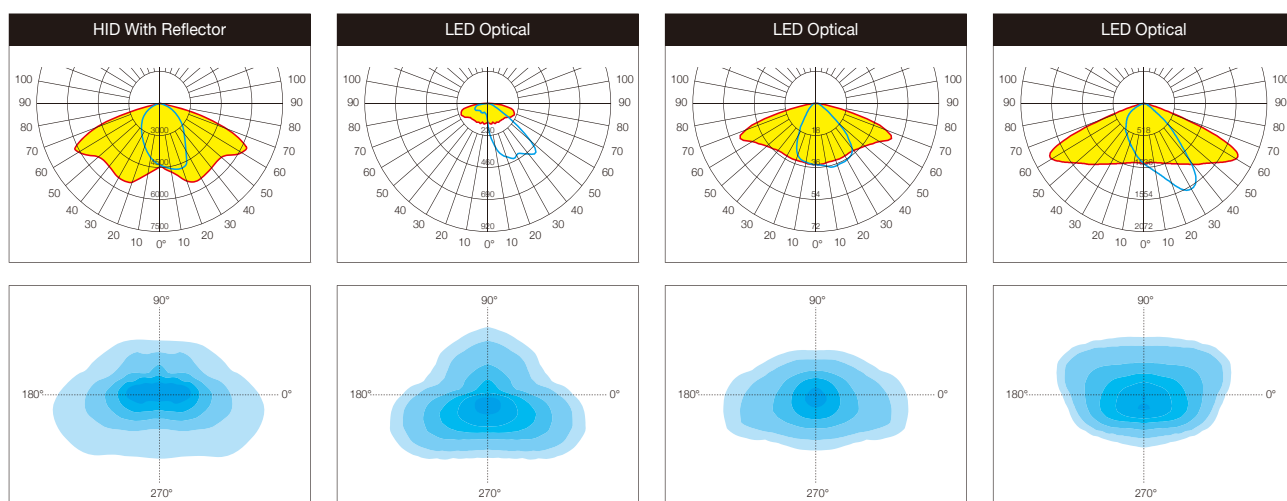
D-32S



Due to continuous improvements, specifications may change without prior notice.



Optical Application



Due to continuous improvements, specifications may change without prior notice.

Technology Data

Code	Lamp	Output power	LED Pcs	Lumen	N.W.(kg)	G.W.(kg)	PLED
TUCSANA	HPS/MH	70W-250W	/	/	10.0	11.0	
TUCSANA 40-24	LED	40W	24	4018	11.5	12.5	
TUCSANA 60-24		60W	24	5617	11.5	12.5	
TUCSANA 60-36		60W	36	6080	11.5	12.5	
TUCSANA 80-36		80W	36	7639	11.7	12.7	
TUCSANA 60-48		60W	48	5910	11.5	12.5	
TUCSANA 80-48		80W	48	7805	11.7	12.7	
TUCSANA 100-48		100W	48	9108	11.9	12.9	
TUCSANA		HPS/MH	70W-250W	/	/	9.0	
TUCSANA 40-24	LED	40W	24	4018	10.5	11.5	
TUCSANA 60-24		60W	24	5617	10.5	11.5	
TUCSANA 60-36		60W	36	6080	10.5	11.5	
TUCSANA 80-36		80W	36	7639	10.7	11.7	
TUCSANA 60-48		60W	48	5910	10.5	11.5	
TUCSANA 80-48		80W	48	7805	10.7	11.7	
TUCSANA 100-48		100W	48	9108	10.9	11.9	

RODEO



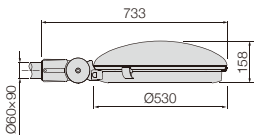
Description

350mA/500mA/750mA/1050mA

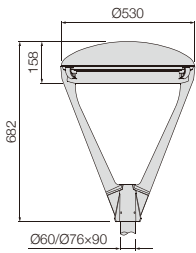
- Body: Heavy Duty Die-casting aluminium.
- Optical system: Anodized aluminium reflector and flat or lenticular tempered glass diffuser.
- Gear plate: Galvanized steel plate, extruded aluminium fastening.
- Finishing: Surface anti-ageing electrostatic spray processing, super resistance to corrosion.
- Assembling height: 4-9m.
- Fixing: Top or side fitting Ø60mm, Ø76 fixing be option.



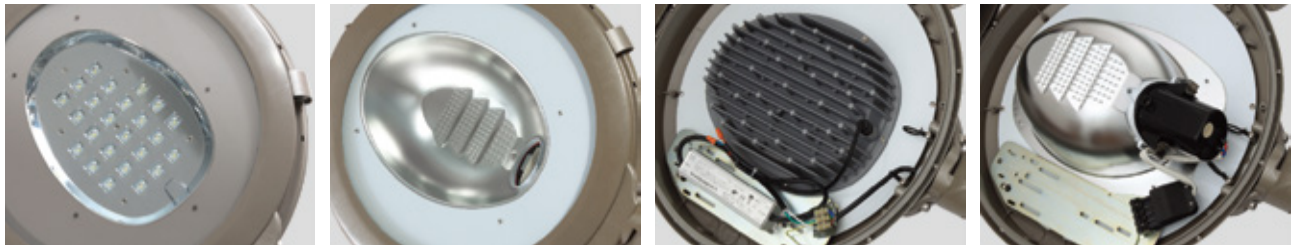
D-21H



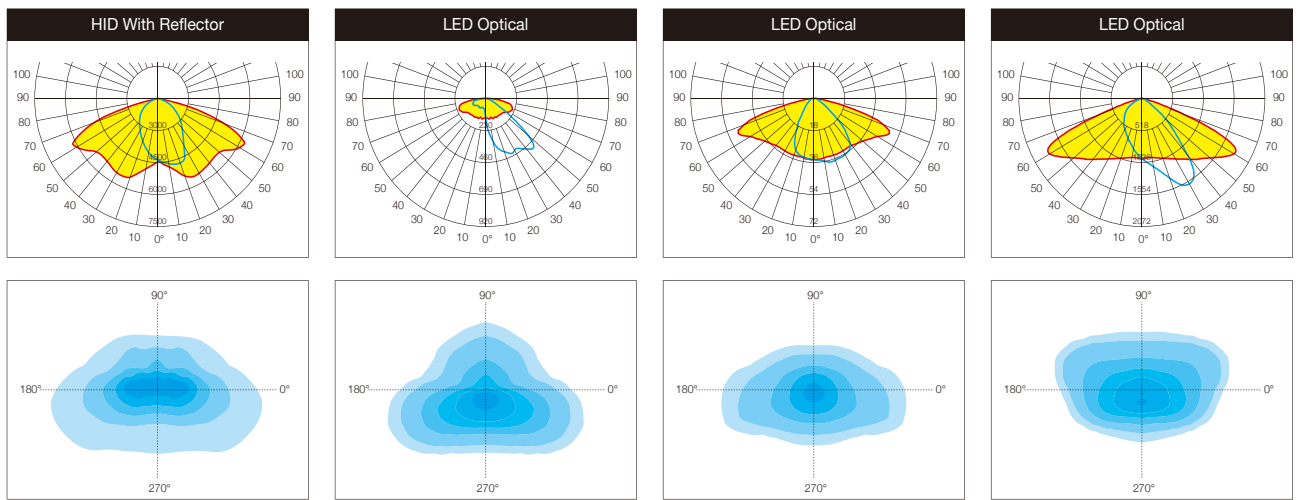
T-21L



Due to continuous improvements, specifications may change without prior notice.



Optical Application

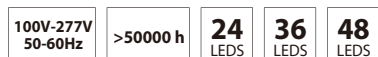


Technology Data

Code	Lamp	Output power	LED Pcs	Lumen	N.W.(kg)	G.W.(kg)	LED
RODEO	HPS/MH	70W-250W	/	/	9.5	10.5	
RODEO 40-24	LED	40W	24	4018	10.8	11.8	
RODEO 60-24		60W	24	5617	10.8	11.8	
RODEO 60-36		60W	36	6080	10.8	11.8	
RODEO 80-36		80W	36	7639	11.0	12.0	
RODEO 60-48		60W	48	5910	10.8	11.8	
RODEO 80-48		80W	48	7805	11.0	12.0	
RODEO 100-48		100W	48	9108	11.2	12.2	
RODEO	HPS/MH	70W-250W	/	/	11.0	12.0	
RODEO 40-24	LED	40W	24	4018	12.3	13.3	
RODEO 60-24		60W	24	5617	12.3	13.3	
RODEO 60-36		60W	36	6080	12.3	13.3	
RODEO 80-36		80W	36	7639	12.5	13.5	
RODEO 60-48		60W	48	5910	12.3	13.3	
RODEI 80-48		80W	48	7805	12.5	13.5	
RODEI 100-48		100W	48	9108	12.7	13.7	

Due to continuous improvements, specifications may change without prior notice.

VIRGO

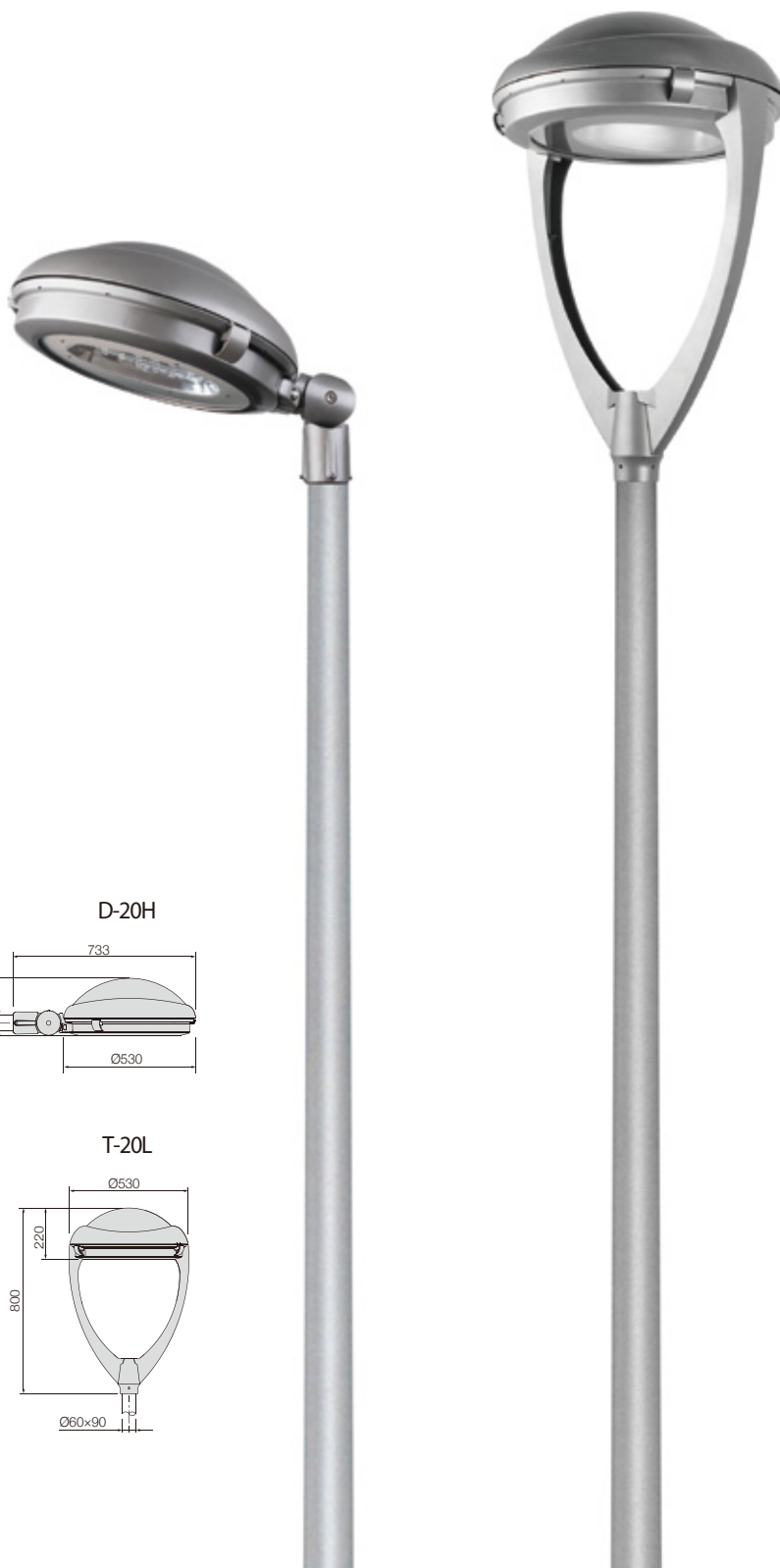


Description

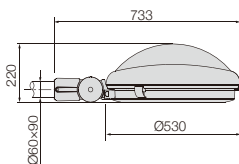
350mA/500mA/750mA/1050mA

- Body: Heavy Duty Die-casting aluminium.
- Optical system: Anodized aluminium reflector and flat or lenticular tempered glass diffuser.
- Gear plate: Galvanized steel plate, extruded aluminium fastening.
- Finishing: Surface anti-ageing electrostatic spray processing, super resistance to corrosion.
- Assembling height: 4-9m.
- Fixing: Top or side fitting Ø60mm.

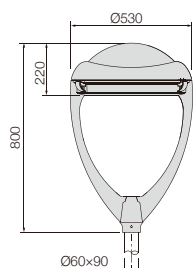
Due to continuous improvements, specifications may change without prior notice.

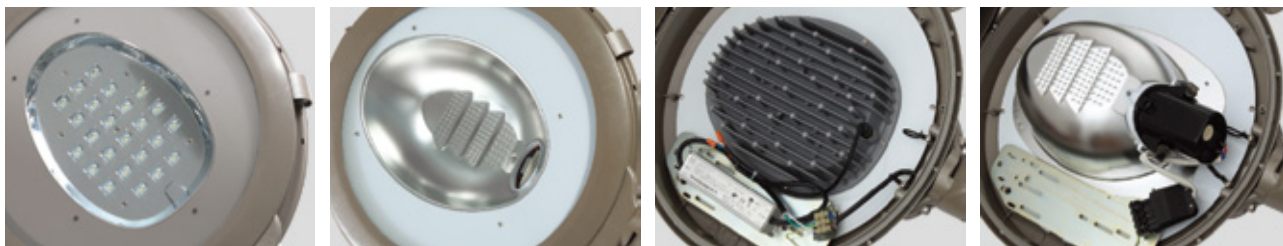


D-20H

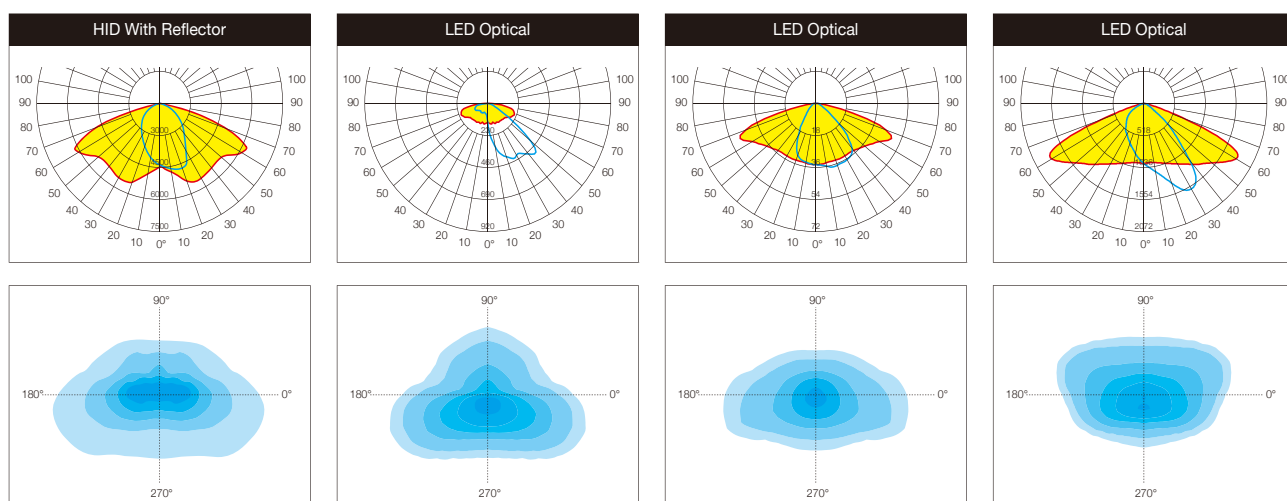


T-20L





Optical Application



Technology Data

Code	Lamp	Output power	LED Pcs	Lumen	N.W.(kg)	G.W.(kg)	LED
VIRGO	HPS/MH	70W-250W	/	/	10.5	11.5	
VIRGO D 40-24	LED	40W	24	4018	11.8	12.8	
VIRGO D 60-24		60W	24	5617	11.8	12.8	
VIRGO D 60-36		60W	36	6080	11.8	12.8	
VIRGO D 80-36		80W	36	7639	12.0	13.0	
VIRGO D 60-48		60W	48	5910	11.8	12.8	
VIRGO D 80-48		80W	48	7805	12.0	13.0	
VIRGO D 100-48		100W	48	9108	12.2	13.2	
VIRGO T		HPS/MH	70W-250W	/	/	12.0	
VIRGO T 40-24	LED	40W	24	4018	13.3	14.3	
VIRGO T 60-24		60W	24	5617	13.3	14.3	
VIRGO T 60-36		60W	36	6080	13.3	14.3	
VIRGO T 80-36		80W	36	7639	13.5	14.5	
VIRGO T 60-48		60W	48	5910	13.3	14.3	
T20H LED80-48		80W	48	7805	13.5	14.5	
T-20H LED100-48		100W	48	9108	13.7	14.7	

Due to continuous improvements, specifications may change without prior notice.

COMET



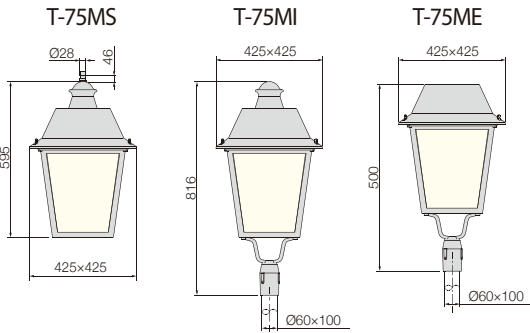
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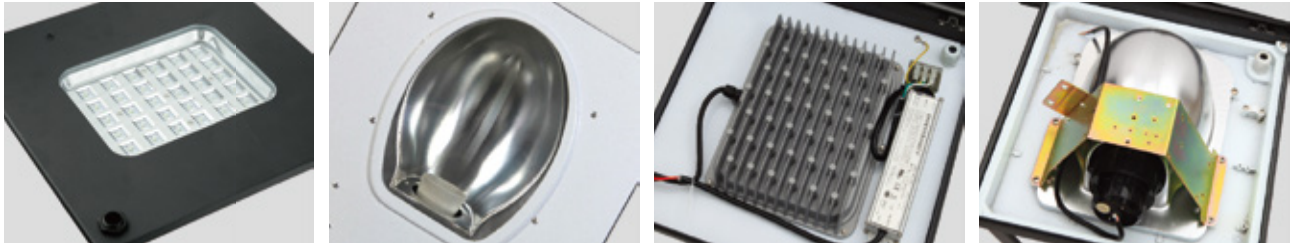
350mA/500mA/750mA/1050mA

- Body: Die-cast aluminium.
- Optical system: Anodized aluminium reflector and UV resistant PMMA diffuser.
- Gear plate: Galvanized steel plate, special screw fastening. Surface anti-ageing electrostatic spray processing, super resistance to corrosion.
- Finishing: Galvanized steel plate, special screw fastening. Surface anti-ageing electrostatic spray processing, super resistance to corrosion.
- Assembling height: 3-6m.
- Fixing: Top fitting Ø60mm or 3/4" gas thread.

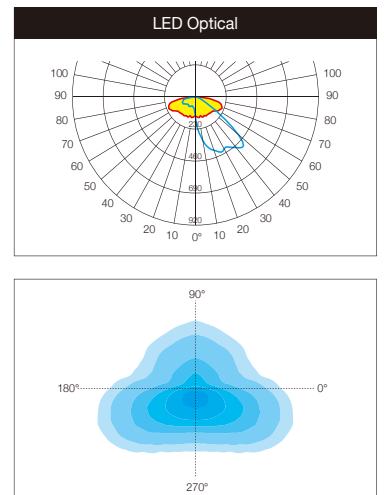
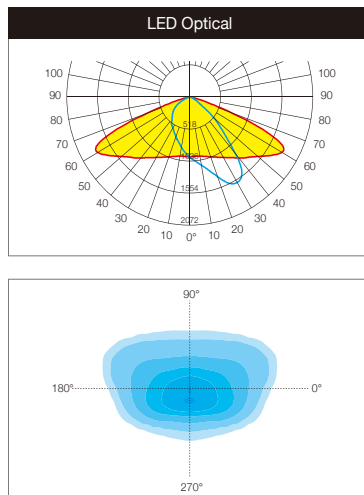
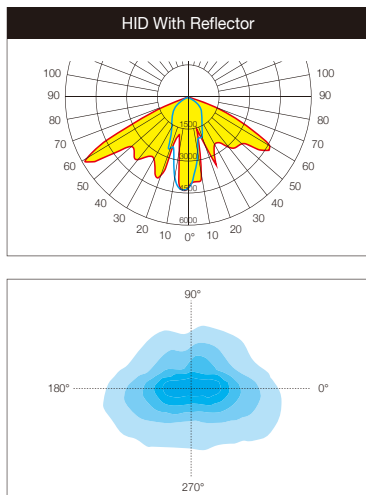


Due to continuous improvements, specifications may change without prior notice.





Optical Application



100V-277V
50-60Hz

>50000 h

30
LEDS

Technology Data

Code	Lamp	Output power	LED Pcs	Lumen	N.W.(kg)	G.W.(kg)	LED
COMET	HPS/MH	35W-150W	/	/	7.8	9.3	
COMET		35W-150W	/	/	7.6	9.1	
COMET 40-30	LED	40W	30	3186	9.0	10.5	
COMET 40-30		40W	30	3186	8.8	10.3	
COMET 60-30		60W	30	4818	9.0	10.5	
COMET 60-30		60W	30	4818	8.8	10.3	

Due to continuous improvements, specifications may change without prior notice.

COMET C



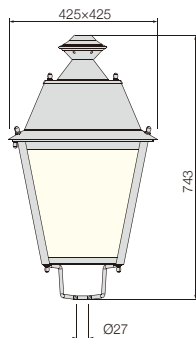
Description

350mA/500mA/750mA/1050mA

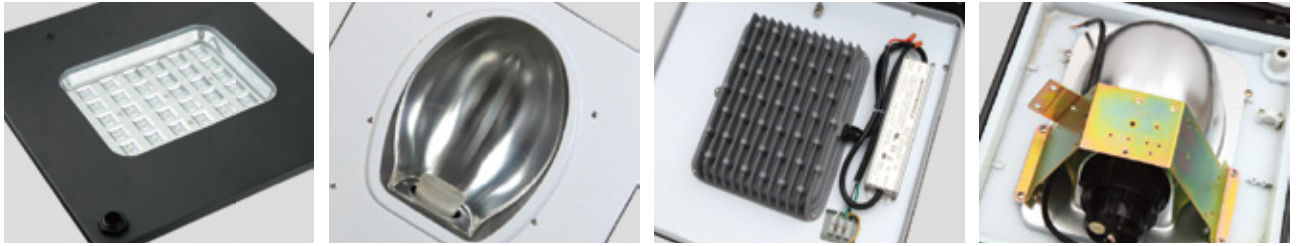
- Body: Galvanized steel plate after jointing welding. Anodized aluminium reflector and UV resistant PMMA high transparent diffuser.
- Optical system: Galvanized steel plate, special screw fastening. Surface anti-ageing electrostatic spray processing, super resistance to corrosion.
- Gear plate: Galvanized steel plate, special screw fastening. Surface anti-ageing electrostatic spray processing, super resistance to corrosion.
- Finishing: Galvanized steel plate, special screw fastening. Surface anti-ageing electrostatic spray processing, super resistance to corrosion.
- Assembling height: 4-6m.
- Fixing: Top fitting Ø60mm or 3/4" gas thread.



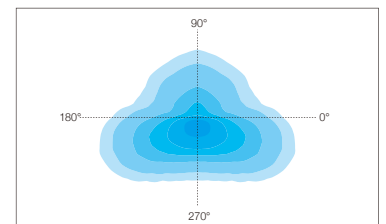
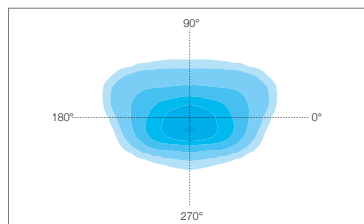
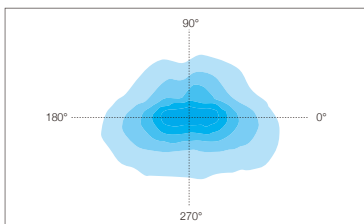
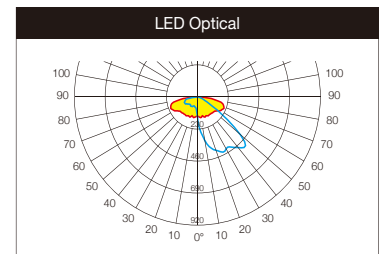
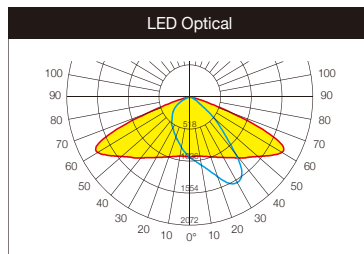
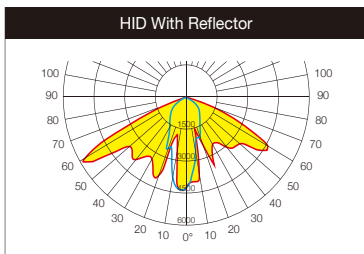
Optical block luminaire



Due to continuous improvements, specifications may change without prior notice.



Optical Application



100V-277V
50-60Hz

>50000 h

30
LEDS

Technology Data

Code	Lamp	Output power	LED Pcs	Lumen	N.W.(kg)	G.W.(kg)	LED
COMET C	HPS/MH	35W-150W	/	/	4,5	5,3	
COMET C 40-30	LED	40W	30	3186	5,5	6,3	
COMET 60-30		60W	30	4818	5,7	6,5	

Due to continuous improvements, specifications may change without prior notice.

LAYALI



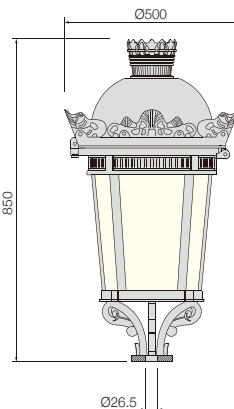
Description

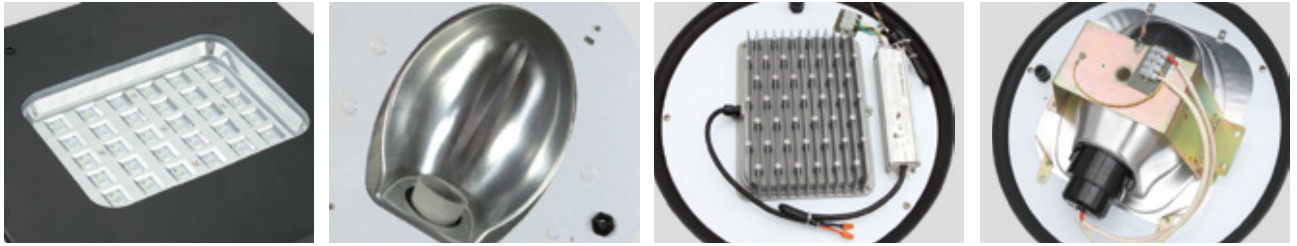
350mA/500mA/750mA/1050mA

- Body: Die-cast aluminium.
- Optical system: Anodized aluminium reflector and UV Resistant PMMA diffuser.
- Gear plate: Galvanized steel plate, special screw fastening. Surface anti-ageing electrostatic spray processing, super resistance to corrosion.
- Finishing: Super resistance to corrosion.
- Assembling height: 4-6m.
- Fixing: Top fitting Ø60mm or 3/4" gas thread.

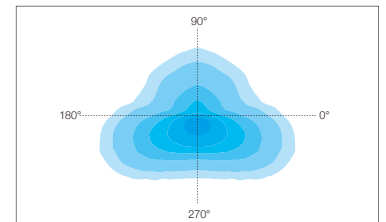
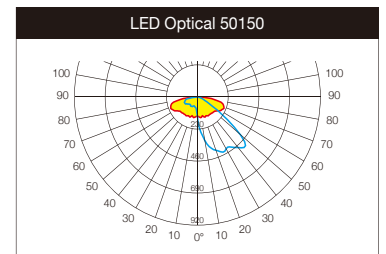
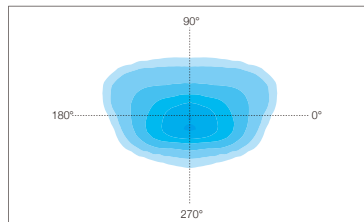
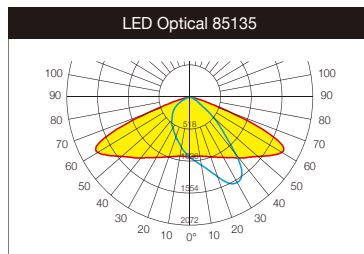
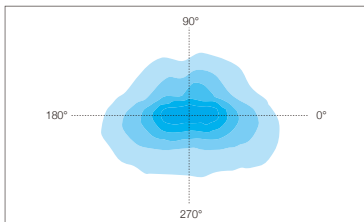
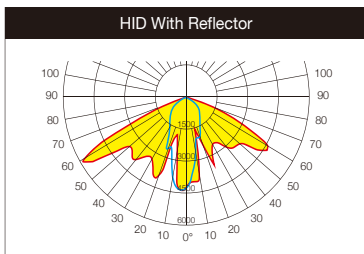


Due to continuous improvements, specifications may change without prior notice.





Optical Application



100V-277V
50-60Hz

>50000 h

30
LEDS

Technology Data

Code	Lamp	Output power	LED Pcs	Lumen	N.W.(kg)	G.W.(kg)	LED
LAYALI	HPS/MH	35W-150W	/	/	9.0	10.5	
LAYALI 40-30	LED	40W	30	3186	10.0	11.5	
LAYALI 60-30		60W	30	4818	10.2	11.7	

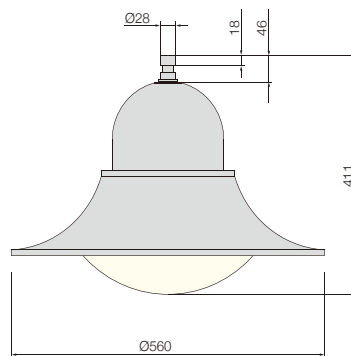
Due to continuous improvements, specifications may change without prior notice.

LILY



Description

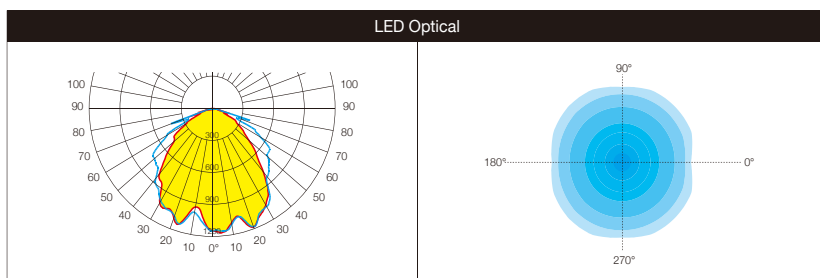
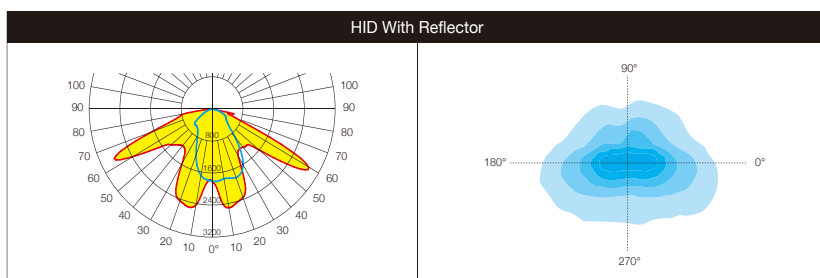
Body: Heavy Duty Die-cast aluminium.
 Optical system: Anodized aluminium reflector and UV Resistant PC diffuser.
 Gear plate: Galvanized steel plate.
 Finishing: Surface anti-ageing electrostatic spray processing, super resistance to corrosion.
 Assembling height: 4-6m.
 Fixing: Ø38mm tube hanging.



Due to continuous improvements, specifications may change without prior notice.



Optical Application



Technology Data

Code	Lamp	Output power	LED Pcs	Lumen	N.W.(kg)	G.W.(kg)	LED
LILY	HPS/MH	35W-150W	/	/	5.0	6.0	
LILY 50-1	LED	50W	1xCOB	3779	5.8	6.8	

Due to continuous improvements, specifications may change without prior notice.

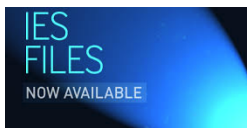
DURANGO



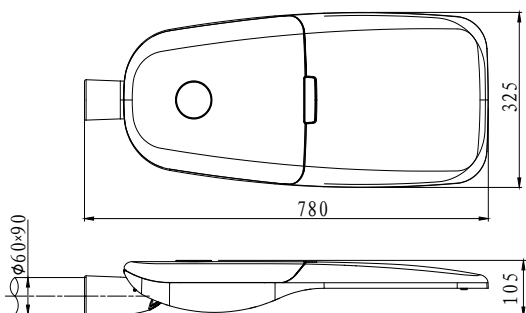
Description

350mA/500mA/750mA/1050mA

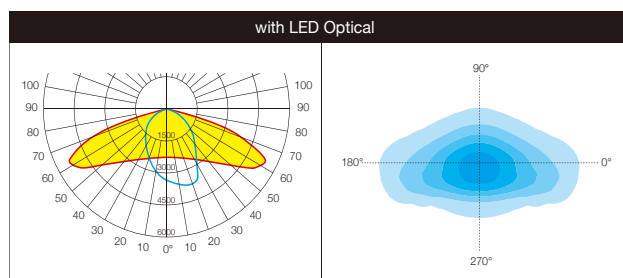
- Body: Heavy Duty Die-cast aluminium.
- Optical system: Anodized aluminium reflector and flat or lenticular tempered glass diffuser.
- Gear plate: Galvanized steel plate, stainless steel fasten.
- Finishing: Surface anti-ageing electrostatic spray processing, super resistance to corrosion.
- Assembling height: 6-9m.
- Fixing: Side fitting Ø48 / Ø60mm.



Dimensions



Optical Application



Technology Data

Code	Lamp	Output power	LED Pcs	Lumen	N.W.(kg)	G.W.(kg)	LED
DURANGO 30-16	LED	30W	16	2930	10.5	11.5	
DURANGO 40-24		40W	24	3850	11.8	12.8	
DURANGO 60-24		60W	24	5524	11.8	12.8	
DURANGO 40-24S		40W	24	4100	11.8	12.8	
DURANGO 60-32S		60W	32	6032	12.0	13.0	
DURANGO 80-32S		80W	32	7748	11.8	12.8	
DURANGO 100-48S		100W	48	9450	12.0	13.0	
DURANGO 100-48M		100W	48	9900	12.2	13.2	
DURANGO 120-64M		120W	64	11760	11.8	12.8	
DURANGO 150-64M		150W	64	14100	12.0	13.0	
DURANGO 180-64M		180W	64	17080	12.2	13.2	

Due to continuous improvements, specifications may change without prior notice.

BLUE BIRD

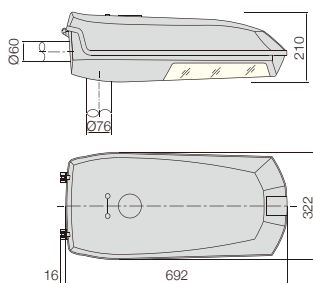


Description

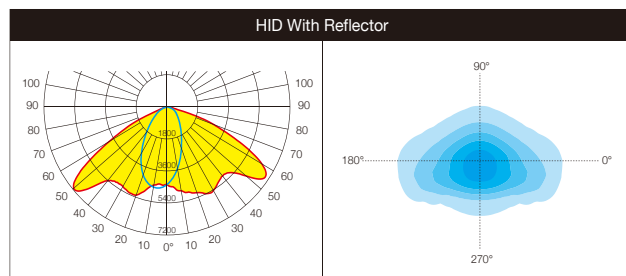
- Body: Heavy Duty Die-cast aluminium.
- Optical system: Anodized aluminium reflector and lenticular tempered glass diffuser.
- Gear plate: Galvanized steel plate, stainless steel fasten.
- Finishing: Surface anti-ageing electrostatic spray processing, super resistance to corrosion.
- Assembling height: 6-9m.
- Fixing: Side fitting Ø60mm or top fitting Ø76mm.



Dimensions



Optical Application



Technology Data

Code	Lamp	Output power	LED Pcs	Lumen	N.W.(kg)	G.W.(kg)	LED
D-15	HPS/MH	70W-250W	/	/	8.5	9.5	
D-15LED	LED		40-100W		10.5	11.5	

Due to continuous improvements, specifications may change without prior notice.



Due to continuous improvements, specifications may change without prior notice.



COSMOS

A CLASSIC DESIGN FOR A PERFORMING LED LANTERN

WHICH IS TYPICAL 4-FACED DESIGN, THE
STYLAGE LUMINAIRE BRINGS THE CLASSICAL
STYLE LANTERNS INTO THE 21ST CENTURY.

Thanks to a modern twist on a classic design, the Stylage easily blends into both historical city centres as well as areas with a more contemporary architecture.

The Stylage is the ideal tool to create aesthetic consistency in cities composed of a mixture of heritage and modern architecture and who wish to highlight their historical patrimony while accentuating their commitment to the future.



COSMOS



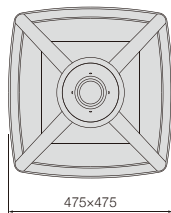
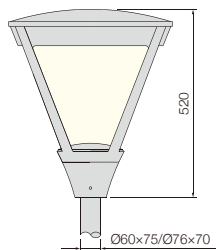
Description

Body: Heavy Duty Die-cast aluminium.
 Optical system: Anodized PP plastic reflector and special light distribution lens, super white tempered diffuser.
 Gear plate: Galvanized steel plate.
 Finishing: Surface anti-ageing electrostatic spray processing, super resistance to corrosion.
 Assembling height: 3-6m.
 Fixing: Ø60 / Ø76mm top fixing.



100V-277V 50-60Hz >50000 h 32 LEDES 48 LEDES

Dimensions



Technology Data

Code	Lamp	Output power	LED Pcs	Lumen	N.W.(kg)	G.W.(kg)	LED
COSMOS 40-32	LED	40W	32	3895	12.0	13.5	CREE
COSMOS 60-32		60W	32	5646	12.0	13.5	
COSMOS 60-48		60W	48	5885	12.0	13.5	
COSMOS 80-48		80W	48	7520	12.2	13.7	
COSMOS 60-48S	WITH SENSOR	60W	48	5885	12.1	13.6	
COSMOS 80-48S		80W	48	7520	12.3	13.6	

Due to continuous improvements, specifications may change without prior notice.

SENSOR CONTROL

LIGHT ONLY WHEN NECESSARY

To adapt lighting to real needs, our solutions include sensors. They measure natural light levels, motion or speed to provide light only where and when it is necessary. This feature enables you to avoid unnecessary lighting in favour of energy savings.

MICROWAVE SENSOR CONTROL TECHNOLOGY

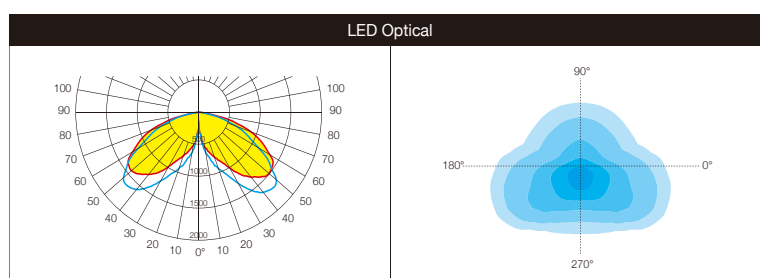
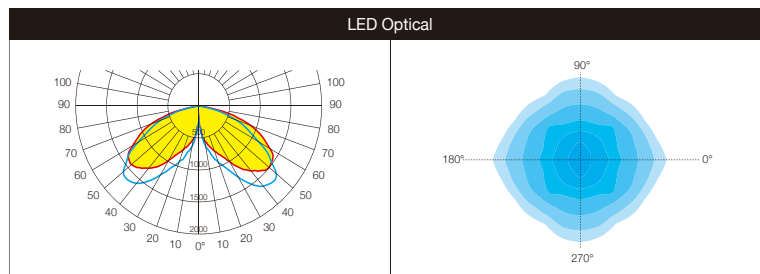
Our solutions can be managed by photoelectric sensors that switch on the luminaires exactly when natural light becomes insufficient (cloudy day, nightfall...) so as to provide safety and comfort in the public space.



The technical of microwave sensor control. Reducing the power to 50% when nobody pass by, in order for electricity saving; the light will light up to 100% in the radius for 10m when some body pass by. The design is humanized.



Optical Application

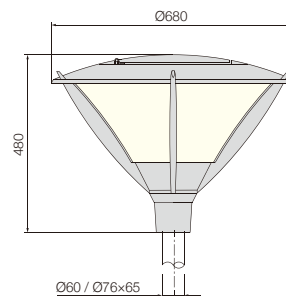


COLARADO



Description

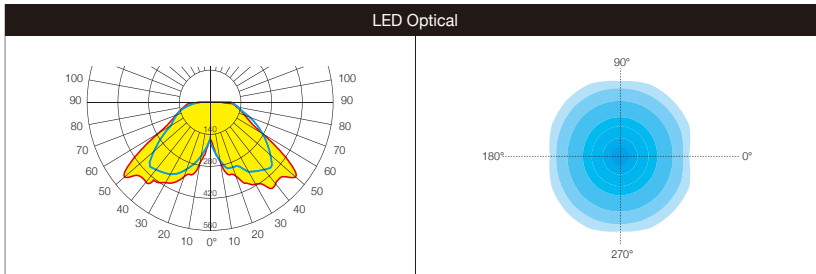
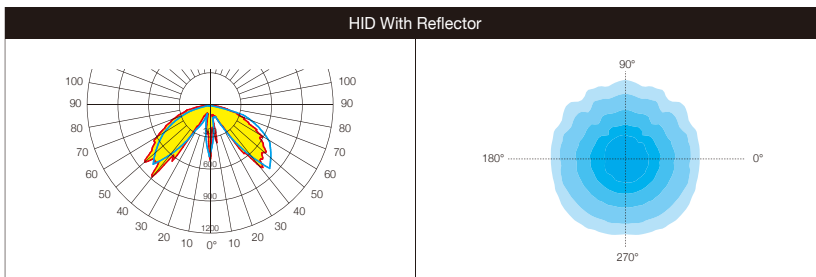
Body:	Heavy Duty Die-cast aluminium.
Optical system:	Anodized aluminium reflector and UV Resistant PC diffuser.
Gear plate:	Galvanized steel plate.
Finishing:	Surface anti-ageing electrostatic spray processing, super resistance to corrosion.
Assembling height:	4-6m.
Fixing:	Top fitting Ø60mm / Ø76mm.



Due to continuous improvements, specifications may change without prior notice.



Optical Application



Technology Data

Code	Lamp	Output power	LED Pcs	Lumen	N.W.(kg)	G.W.(kg)	LED		
COLARADO	HPS/MH	35W-150W	/	/	7.5	8.5			
COLARADO 50-1	LED	50W	1xCOB	2583	8.5	9.5			

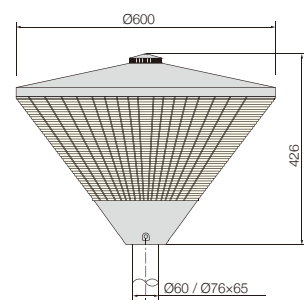
Due to continuous improvements, specifications may change without prior notice.

BREW



Description

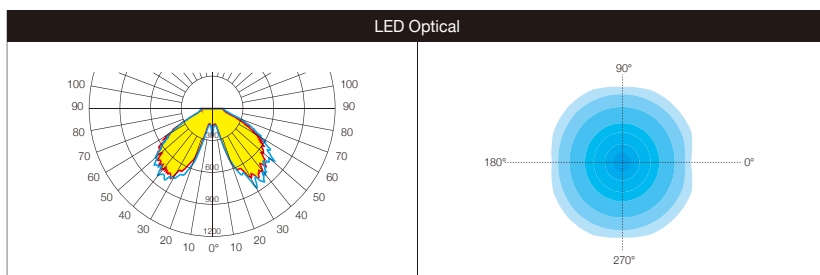
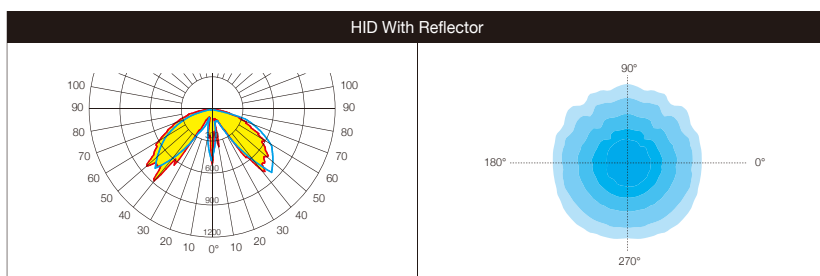
Body:	Heavy Duty Die-cast aluminium.
Optical system:	Anodized aluminium reflector and UV Reistant PC diffuser.
Gear plate:	Galvanized steel plate.
Finishing:	Surface anti-ageing electrostatic spray processing, super resistance to corrosion.
Assembling height:	4-6m.
Fixing:	Top fitting Ø60mm / Ø76mm.




Due to continuous improvements, specifications may change without prior notice.



Optical Application



Technology Data

Code	Lamp	Output power	LED Pcs	Lumen	N.W.(kg)	G.W.(kg)	LED
BREW	HPS/MH	35W-150W	/	/	7.0	8.5	
BREW 50-1	LED	50W	1xCOB	3500	7.5	9.0	

Due to continuous improvements, specifications may change without prior notice.

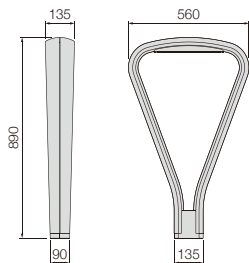
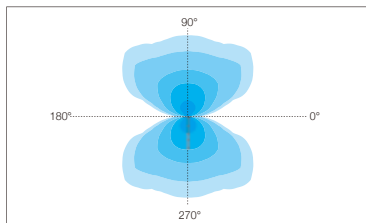
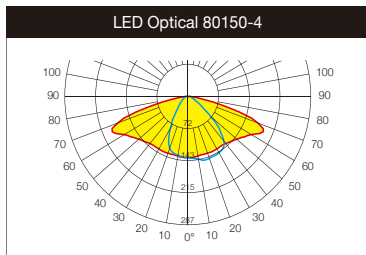
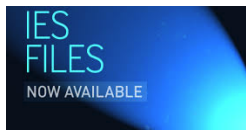


Due to continuous improvement, specifications may change without prior notice.

SCULPTOR

Description 350mA/500mA/750mA/1050mA

Body: Heavy Duty Die-cast aluminum body, aluminum extruded column.
 Optical system: Anodized PP reflector and special light distribution lens, super white tempered glass diffuser.
 Base plate: Aluminum plate base.
 Finishing: Surface anti-ageing painting processing, super resistance to corrosion.
 Assembling height: 3.5-5m.



Technology Data

Code	Lamp	Output power	LED Pcs	Lumen	N.W.(kg)	G.W.(kg)	LED
SCULPTOR 60-16	LED	60W	16	5800	13.5	15.0	
SCULPTOR 80-16		80W	16	7500	13.5	15.0	

Due to continuous improvements, specifications may change without prior notice.

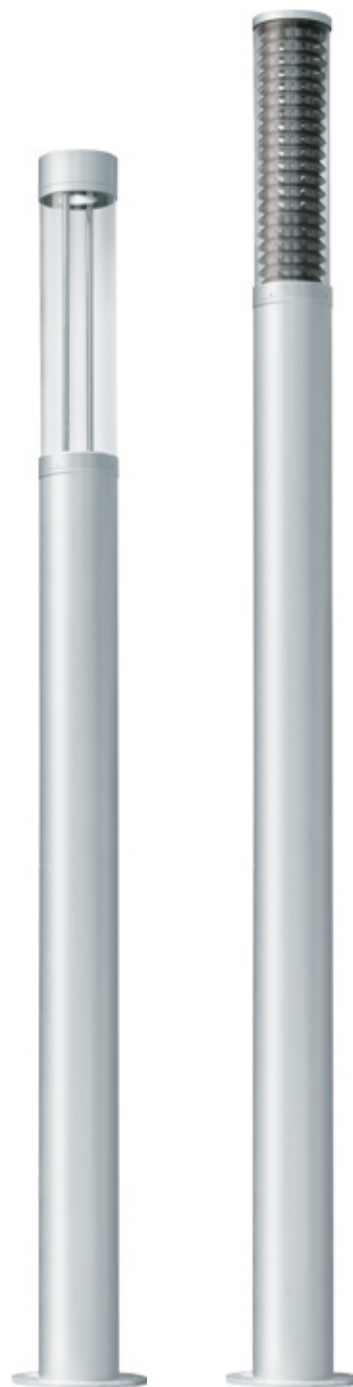
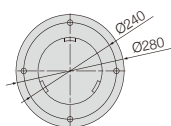
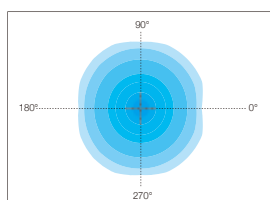
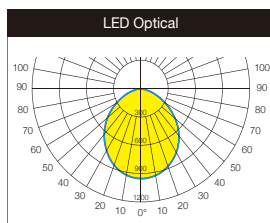
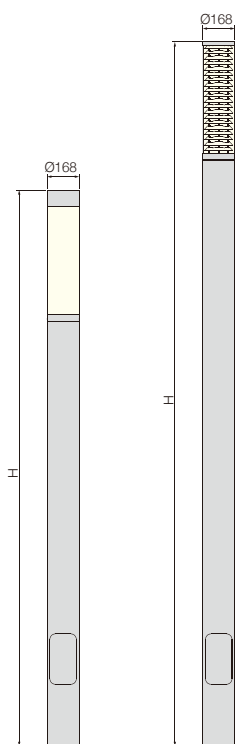
Due to continuous improvements, specifications may change without prior notice.



CANE

Description

Body: Heavy Duty Die-cast aluminum top cover, aluminum extruded column.
 Optical system: Anodized aluminum grid, transparent UV Resistant PMMA diffuser.
 Base plate: Aluminum plate base.
 Finishing: Surface anti-ageing painting processing, super resistance to corrosion.
 Assembling height: 2.7m / 3.5m.



T-101 LED

T-101

Technology Data

Code	Lamp	Output power	LED Pcs	Lamp holder	N.W.(kg)	G.W.(kg)	Size (mm)	LED	Bolt
CANE	Fluorescent	4x55W	/	2G11	18.6	24.1	Ø170x240x2700		M12x400
CANE		4x55W	/	2G11	22.1	29.0	Ø170x240x3500		M12x400
CANE 50-1	LED	50W	1xCOB	/	20.4	26.0	Ø170x240x2700	CREE	M12x400
CANE 50-1		50W	1xCOB	/	24.0	31.0	Ø170x240x3500		M12x400

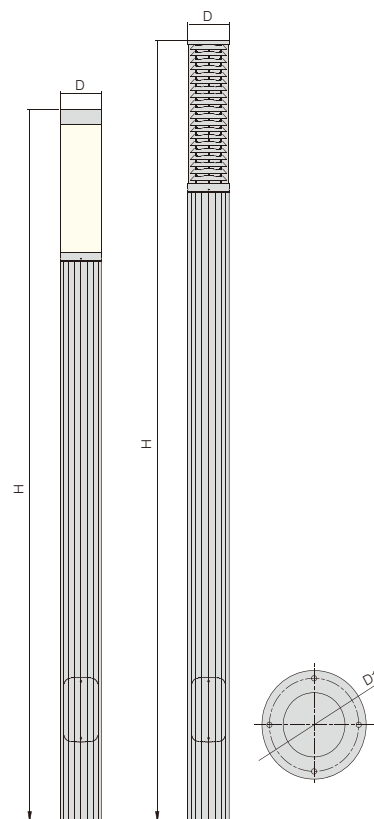
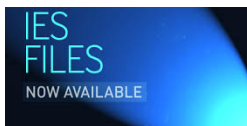
Due to continuous improvements, specifications may change without prior notice.

CANE RING



Description

- Body: Heavy Duty Die-cast aluminum top cover, aluminum extruded column.
- Optical system: Anodized aluminum grid, transparent UV resistant PMMA diffuser.
- Base plate: Aluminum plate base.
- Finishing: Surface anti-ageing painting processing, super resistance to corrosion.
- Assembling height: 2.5m / 4m.



Due to continuous improvements, specifications may change without prior notice.



CANE S

CANE M

CANE B

Technology Data

Code	Lamp	Output power	LED Pcs	Lamp holder	N.W.(kg)	G.W.(kg)	Size (mm)		
CANE RING	Fluorescent	2x42W	/	G24Q-24	9.5	13.7	Ø140x198x2500		M12x400
CANE RING		4x55W	/	2G11	17.5	23.0	Ø170x240x2700		M12x400
CANE RING		4x55W	/	2G11	21.0	28.0	Ø170x240x3500		M12x400
CANE RING	HPS/MH	2x150W	/	E40	32.0	41.0	Ø220x260x4000		M18x500
CANE RING	LED Bulb	2x20W	200	G24Q-24	9.0	13.2	Ø140x198x2500		M12x400
CANE RING 50-1	LED	50	1xCOB	/	19.5	25.0	Ø170x240x2700	CREE	M12x400
CANE RING 50-1		50	1xCOB	/	23.0	30.0	Ø170x240x3500		M12x400
CANE RING 70-1		70	1xCOB	/	22.0	31.0	Ø220x260x4000		M18x500

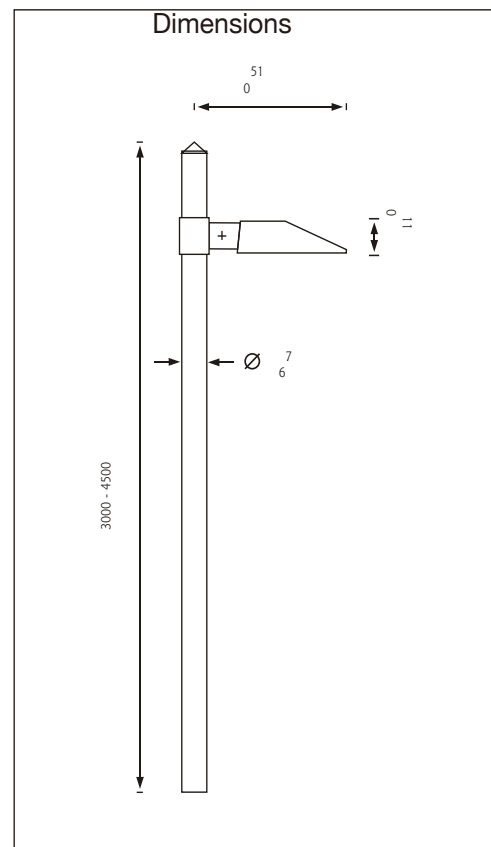
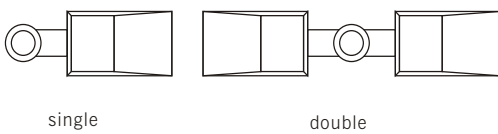
Due to continuous improvements, specifications may change without prior notice.

HARMAN



Description

Body: Heavy Duty Die-cast aluminium.
 Optical system: Anodized aluminium asymmetrical reflector and flat tempered glass lens diffuser.
 Gear plate: Galvanized steel plate, stainless steel fasten.
 Finishing: Surface anti-ageing electrostatic spray processing, super resistance to corrosion.
 Assembling height: 6-8m.
 Fixing: Side fitting Ø48 / Ø60mm



Due to continuous improvements, specifications may change without prior notice.

Technology Data

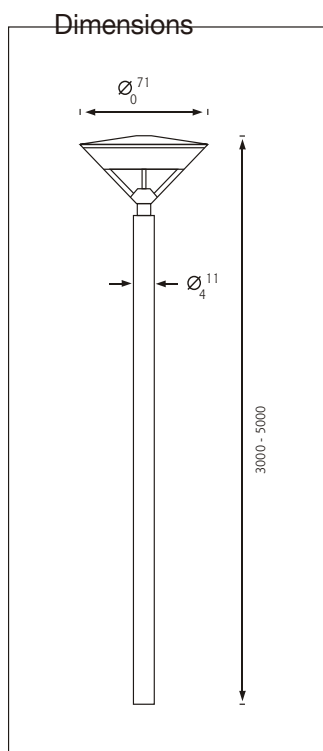
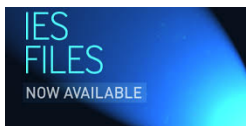
Code	Lamp	Output power	LED Pcs	Lumen	N.W.(kg)	G.W.(kg)	
HARMAN 32	CFL	32W	-	2930	10.5	11.5	
HARMAN 42	MH	42W	-	3850	11.8	12.8	with lamp TC-TEL 42W Gx24q-4
HARMAN 70		70W	-	5524	11.8	12.8	with lamp TC-TEL 32W Gx24q-3
HARMAN 150		150W	-	4100	11.8	12.8	 with lamp HIT-DE 70W Rx7s with lamp HIT-DE 150W Rx7s

SPARROW




Description

Body: Heavy Duty Die-cast aluminium.
 Optical system: Anodized aluminium reflector and UV Resistant PMMA diffuser. Raiald 360 degree illumination
 Gear plate: Galvanized steel plate, stainless steel fasten. Surface
 Finishing: anti-ageing electrostatic spray processing, super resistance to corrosion.
 Assembling height: 3-5 m.
 Fixing: Top Spigot fitting Ø60mm or top fitting Ø76mm.



Technology Data

Code	Lamp	Output power	LED Pcs	Lumen	N.W.(kg)	G.W.(kg)	
SPARROW 32	CFL	32W	16	2930	10.5	11.5	 with lamp TC-TEL 42W Gx24q-4
SPARROW 42		42W	24	3850	11.8	12.8	
HARMAN 70		70W	24	5524	11.8	12.8	with lamp TC-TEL 32W Gx24q-3
HARMAN 150		150W	24	4100	11.8	12.8	

Due to continuous improvements, specifications may change without prior notice.

FUTURA

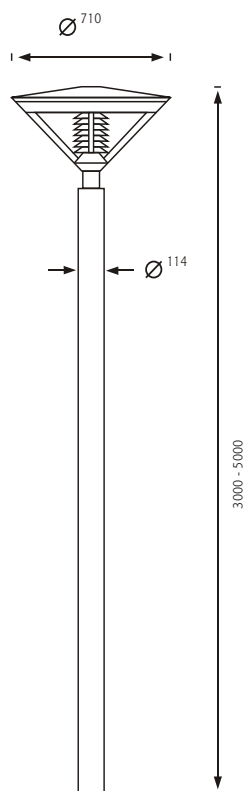


Description



Body: Heavy Duty Die-cast aluminium.
 Optical system: Anodized aluminium Louvered asymmetrical reflector and UV resistant PMMA diffuser.
 Gear plate: Galvanized steel plate, stainless steel fasten.
 Finishing: Surface anti-ageing electrostatic spray processing, super resistance to corrosion.
 Assembling height: 3-5m.
 Fixing: Side fitting Ø48 / Ø60mm



Dimensions



Technology Data

Code	Lamp	Output power	LED Pcs	Lumen	N.W.(kg)	G.W.(kg)	
FUTURA 32	CFL	32W	-	2930	10.5	11.5	
FUTURA 42	MH	42W	-	3850	11.8	12.8	with lamp TC-TEL 42W Gx24q-4
FUTURA 70		70W	-	5524	11.8	12.8	with lamp TC-TEL 32W Gx24q-3
FUTURA 150		150W	-	4100	11.8	12.8	 with lamp HIT-DE 70W Rx7s with lamp HIT-DE 150W Rx7s

Due to continuous improvements, specifications may change without prior notice.

WING

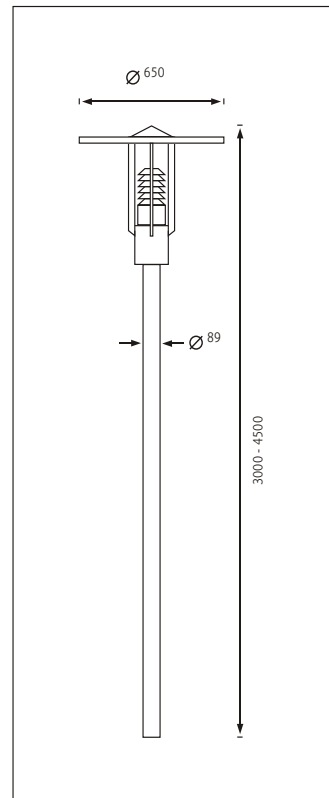


Description

Body: Heavy Duty Die-cast aluminium.
 Optical system: Anodized aluminium Louvered reflector and UV Resistant PMMA diffuser.
 Gear plate: Galvanized steel plate, stainless steel fasten. Surface anti-ageing electrostatic spray processing, super resistance to corrosion.
 Finishing: anti-ageing electrostatic spray processing, super resistance to corrosion.
 Assembling height: 3-5 m.
 Fixing: Top Spigot fitting Ø60mm or top fitting Ø76mm.





Dimensions



Due to continuous improvements, specifications may change without prior notice.

Technology Data

Code	Lamp	Output power	LED Pcs	Lumen	N.W.(kg)	G.W.(kg)	
WING 32	CFL	32W	16	2930	10.5	11.5	 with lamp TC-TEL 42W Gx24q-4 with lamp TC-TEL 32W Gx24q-3
WING 42	MH	42W	24	3850	11.8	12.8	
WING 70		70W	24	5524	11.8	12.8	 with lamp HIT-DE 70W Rx7s with lamp HIT-DE 150W Rx7s
WING 150		150W	24	4100	11.8	12.8	

LED SOLAR LIGHTING



PRODUCT INTRODUCTION

Solar Streetlight Intelligent Control System (SSICS) is through the combination with SSICS and battery, it keeps lighting in the continuous 5 raining days.

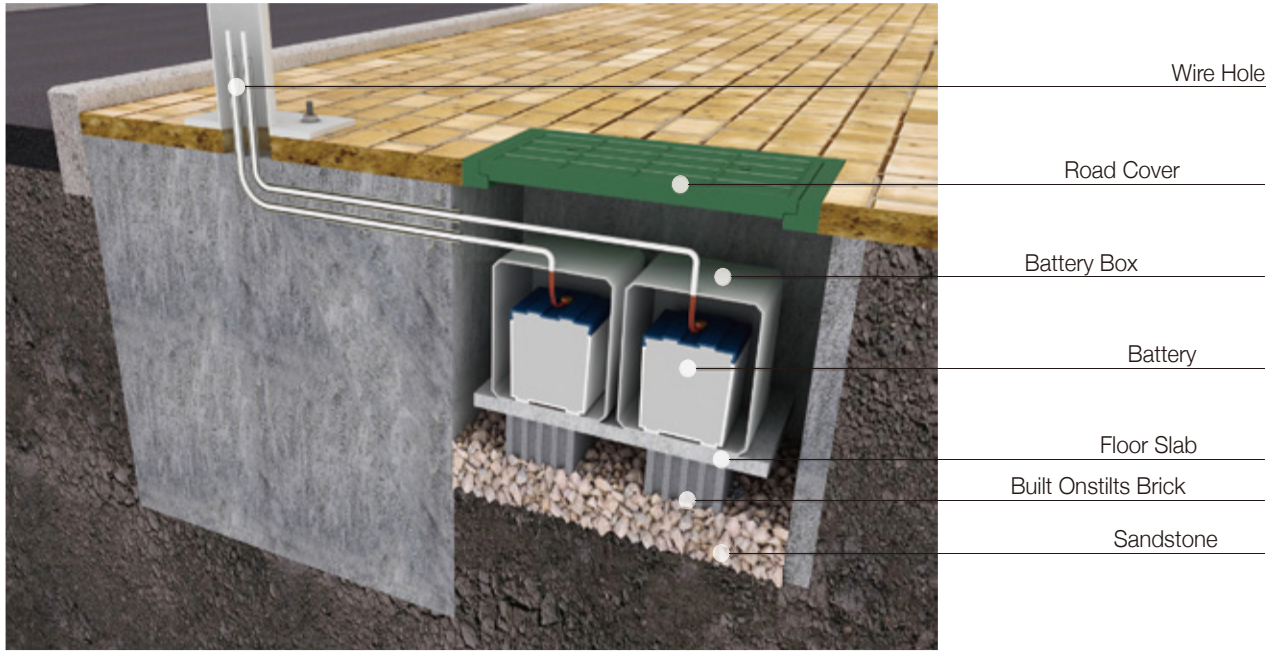
Moreover, the investment cost of one set of solar LED streetlight is equivalent to one set of traditional High Pressure Sodium streetlight including light fixture, pole, cable, transformer and installation.

It has great value to promote the technology of SSICS in the area where is difficulty to use the electricity supply, such as in rural, pasture, island or mountain areas.

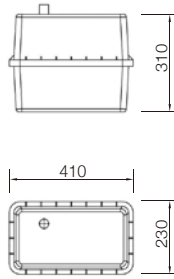


Due to continuous improvements, specifications may change without prior notice.

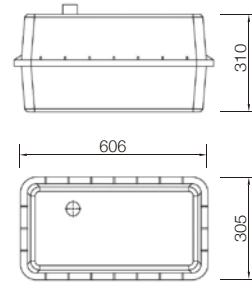
Buried Installation



Controller



80AH 80AH Battery Box



150AH 150AH Battery Box



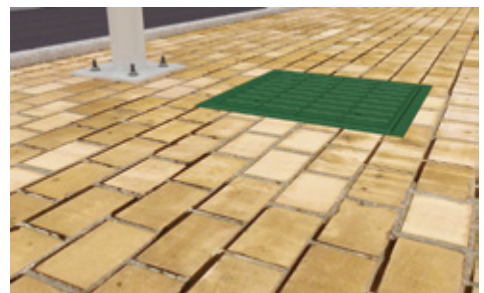
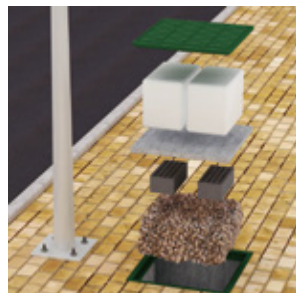
Buried Box



Battery

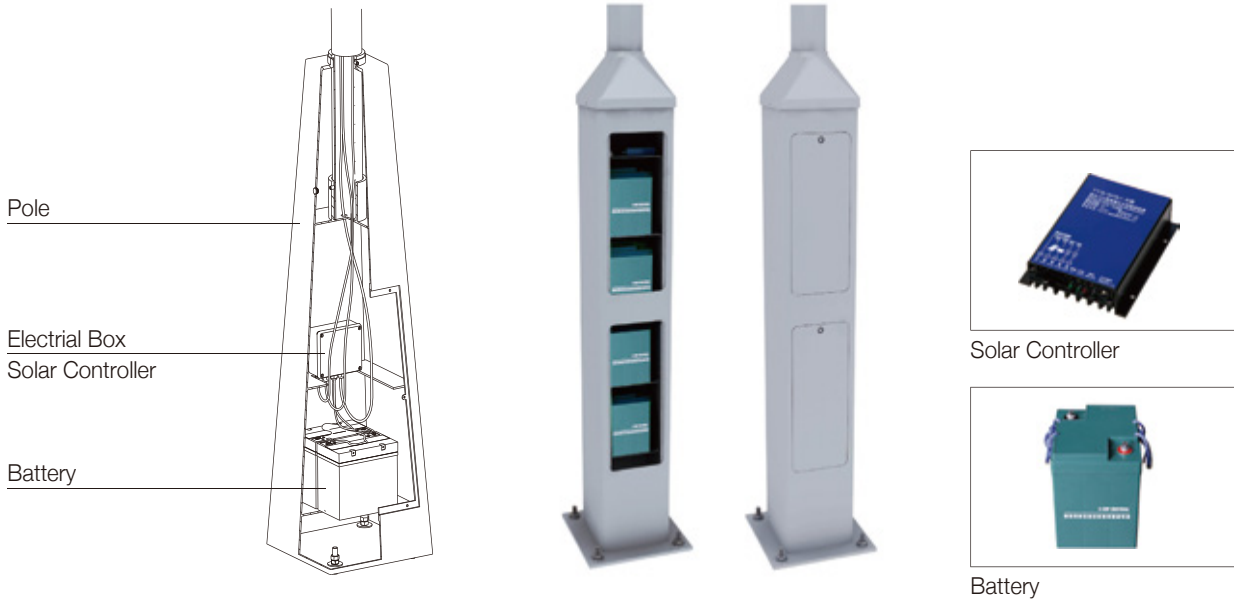
Buried Box

Using high quality material, it is resistible to wallop and corrosion. Connecting to the pole, anti-stolen. Meanwhile, keep water outside.

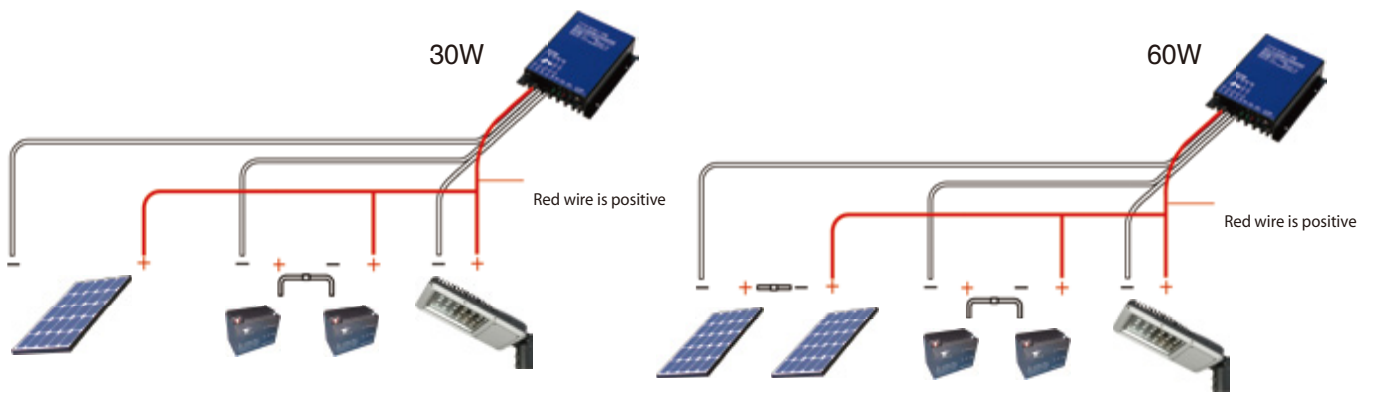


Due to continuous improvements, specifications may change without prior notice.


Pole Installation



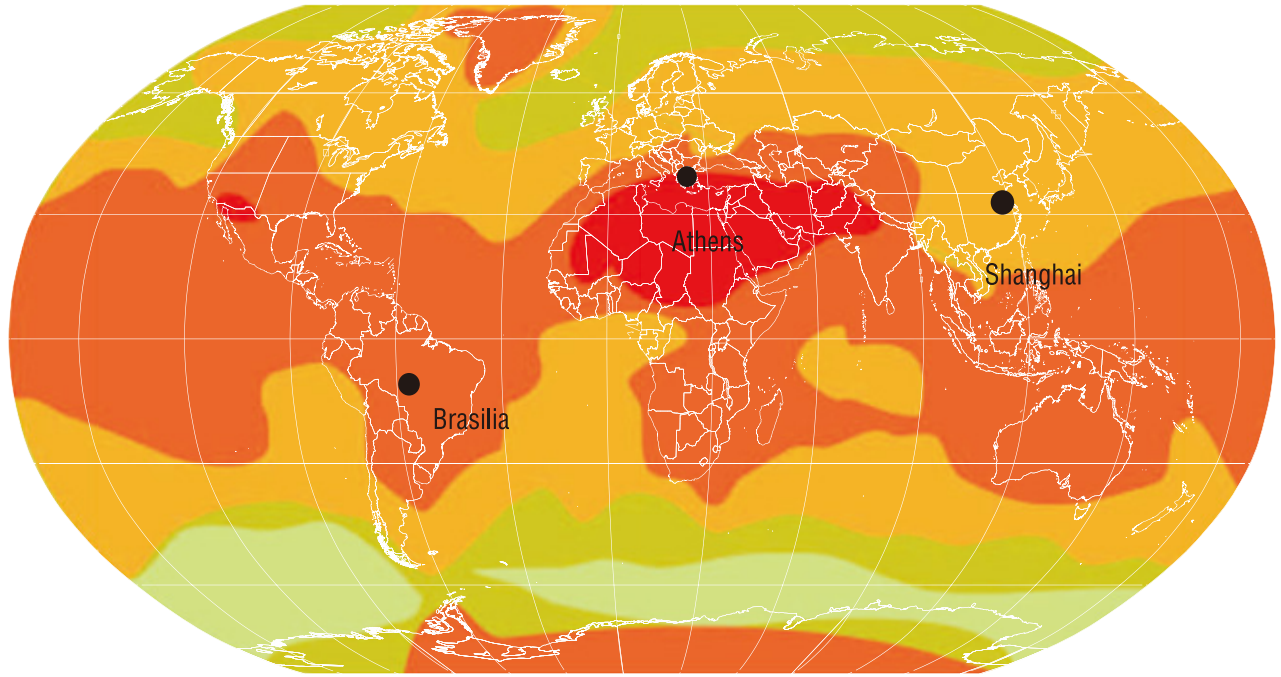
Wiring Layout



Connect Cable Detail

 <p>Solar controller</p>	Negative Battery Cable	Positive Battery Cable	Positive-negative Battery Cable
			
	CBATNEG	CBATPOS	CBATPOSNEG
	Negative Photovoltaic Cable	Positive Photovoltaic Cable	
			
	CMFNEG	CMFPOS	

Due to continuous improvements, specifications may change without prior notice.



Climate Radiation Parameters of Three Cities in the World

City		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Brasilia Brazil Altitude 1160m	Average Highest Temperature	26.9	26.7	27.1	26.6	25.7	25.2	25.1	27.3	28.3	27.5	26.6	26.2
	Average Temperature	21.6	21.8	22	21.4	20.2	19.1	19.1	21.2	22.5	22.1	21.7	21.5
	Average Lowest Temperature	17.4	17.4	17.5	16.8	15	13.3	12.9	14.6	16	17.4	17.5	17.5
	Rainfall	241.4	214.7	188.9	124	39.3	8.8	11.8	12.8	51.9	172.1	238	248.6
Athens Greece Altitude 15m	Average Highest Temperature	13.4	13.9	15.8	19.4	24	28.5	31.6	31.4	28.2	23	18.9	15.2
	Average Temperature	10.2	10.5	12.4	16	20.6	25	27.8	27.6	24.3	19.3	15.4	12
	Average Lowest Temperature	7	7.3	8.6	11.7	15.8	20	22.8	22.6	19.7	15.5	12	8.9
	Rainfall	45.2	47.8	44.3	24.8	14.4	6	5.6	8.1	9.7	47.8	50.8	66.3
Shanghai China Altitude 3m	Average Highest Temperature	7.7	8.6	12.7	18.6	23.5	27.2	31.6	31.5	27.2	22.3	16.7	10.6
	Average Temperature	3.7	4.6	8.5	14.2	19.2	23.4	27.8	27.7	23.6	18.3	12.4	6.1
	Average Lowest Temperature	0.5	1.5	5.1	10.6	15.7	20.3	24.8	24.7	20.5	14.7	8.6	2.4
	Rainfall	39	58.8	81.2	102	115	152	128	133	156	60.5	51.2	34.7

Climate Data Of Shanghai Athens Brasilia From 1970 To 2008

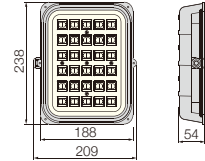
Due to continuous improvements, specifications may change without prior notice.

LED LED MODULE

TANGO 01-30



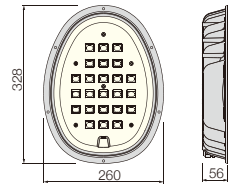
Material: Heavy Duty Die-casting aluminum body, PP reflector
 Finishing: by chrome. Surface anti-ageing electrostatic spray processing, super resistance to corrosion.



CRUZE-2-24



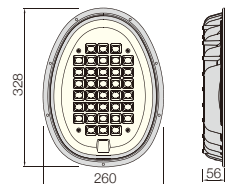
Material: Heavy Duty Die-casting aluminum body, PP reflector
 Finishing: by chrome. Surface anti-ageing electrostatic spray processing, super resistance to corrosion.



CRUZE-02-36



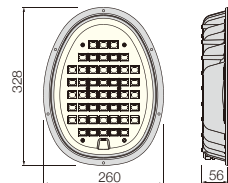
Material: Heavy Duty Die-casting aluminum body, PP reflector
 Finishing: by chrome. Surface anti-ageing electrostatic spray processing, super resistance to corrosion.



CRUZE-02-48

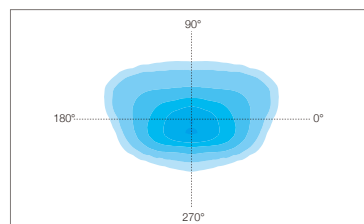
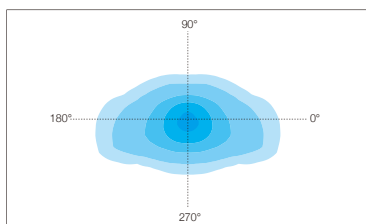
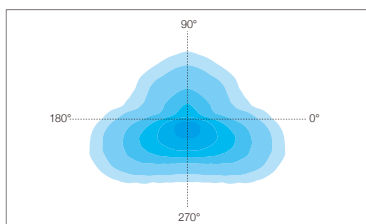
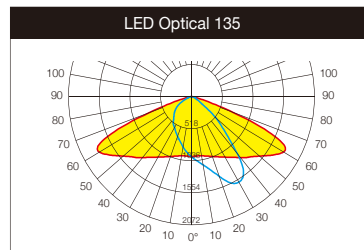
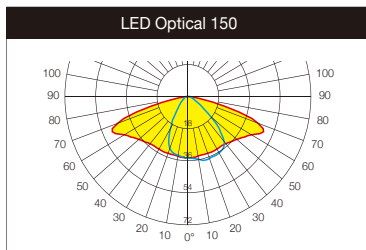
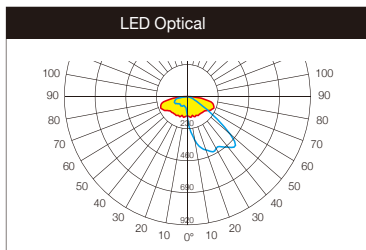


Material: Heavy Duty Die-casting aluminum body, PP reflector
 Finishing: by chrome. Surface anti-ageing electrostatic spray processing, super resistance to corrosion.



Due to continuous improvements, specifications may change without prior notice.

Optical Application



Technology Data

Code	Lamp	Output power	LED Pcs	Lumen	N.W.(kg)	G.W.(kg)	LED
DECORE 40-30	LED	40W	30	4286	2.4	2.8	CREE
DECORE 60-30		60W	30	5818	2.4	2.8	
DECORE 40-24	LED	40W	24	4018	2.7	3.3	
DECORE 60-24		60W	24	5617	2.7	3.3	
DECORE 60-36		60W	36	6080	2.7	3.3	
DECORE 80-36		80W	36	7639	3.0	3.6	
DECORE 60-48		60W	48	5910	2.7	3.3	
DECORE 80-48		80W	48	7805	3.0	3.6	
DECORE 100-48		100W	48	9108	3.2	3.8	

Due to continuous improvements, specifications may change without prior notice.

Flood Lighting - Spikes & Floods

The LED Spikes and Flood Lighting series is a new luminaries with LED maximum light output with directionally spotting and uniform light distribution and unique structure design. This product features very precise symmetrical light control achieving superb lighting for large open areas. The light from the lamp is focused by a reflector onto the designated spots, broad spread and uniform with anti-glare function. Specially designed for Landscaping location.

The LED Spikes and Flood series is a new Symmetrical Architectural Garden Lighting Series providing precision optical system gives very low glare rating, while reducing light pollution. It can achieve the desired effect in a wide range of applications with high quality optical systems and for direct lighting. This product provide soft, uniform, enhancing special lighting effect that blends into the space being lit, to maximizes innate light beauty.

Precision optical system of this Series gives very low glare rating, while reducing light pollution. The housing materials of the fixture of this series can be specified as main structure made of heavy duty Die cast aluminum covered by anti-corrosion resistant covering 5 years of warranty. The led series is equipped with a uniquely designed for better protection and durability, easier installation and maintenance.

Tempered Glass Lens Diffuser, Heat resistant silica gel water proof gasket, Aspheric Optics Lens patent technology, wide light irradiation range, high uniformity, Impact resistant, shockproof construction and no ultraviolet or infrared radiation. Its surface has also been oxidized and will not get rusted by moisture, and its color will not fade out. The LED series is also equipped with a uniquely designed for better protection and durability, easier installation and maintenance. Due to its high IP rating 65 or 66, the LED Lighting series is special designed to offer functional, a wide range of lighting solutions and dramatic highlighting of the architectural Landscape Area.

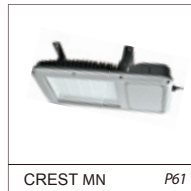
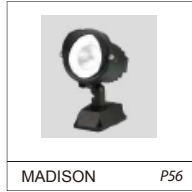
As a high quality feature for years to come, the luminaire is installed with a high efficient CREE / OSRAM / EDISON or BRIDGELUX LED lamps with average 50000 Hrs life and input 100V – 240V AC & 50-60 Hz power input operation on an integrated board with switching elements between different colours or mixtures of colours on the same integrated board so-called “RGB” Red-Green-Blue through Dimmable DMX Controllers. The modern LED boards are technically developed with a standardized interface of voltage controlled by a High Quality of LED Driver (Eagle, Meanwell, TCI or Merrytek controlling systems and incorporated in the body.

LEDs are stucked to the aluminium heat sink for maximum fast heat dissipation. Protection Class I is maintained. The products are with high quality LED Source with low energy consumption which maintenance free and choice of color output.

The features of luminaires are such as long life, limited maintenance and constant lifetime performance, suitable for high efficiency long-life lamps available with different colour temperatures.

Flood Lighting

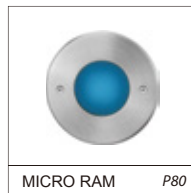
SPIKE & FLOOD



LINEAR LIGHTING



INGROUND LIGHTING



UNDERWATER LIGHTING



Due to continuous improvements, specifications may change without prior notice.

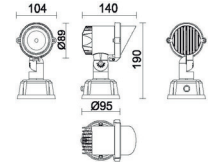




MAPLE

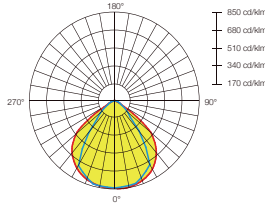
350mA/500mA/750mA

- 1xCOB 7W 100V/240V 665lm 3000K/4000K/5000K
- 1xCOB 11W 100V/240V 1060lm 3000K/4000K/5000K



BEAM DEGREE NARROW | WIDE | BEAM ANGLE

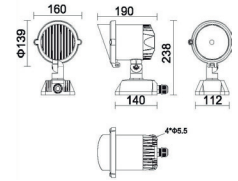
Body: Heavy Duty Die-casting aluminum.
 Optical system: Anodized Aluminium reflector and super white tempered glass.
 Finishing: Mechanical and chemical anti-corrosion treatment, uv resistant exterior paint system.



Distance	Average illuminanc	Diameter
1m	496.5, 843.1 lx	163.39 cm
2m	124.1, 210.8 lx	326.78 cm
3m	55.16, 93.68 lx	490.18 cm
4m	31.03, 52.69 lx	653.57 cm
5m	19.86, 33.72 lx	816.96 cm

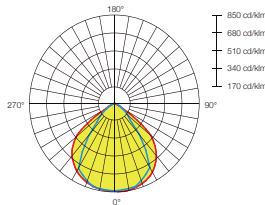
MADISON

- 1xCOB 20W 100V/240V 1830lm 3000K/4000K/5000K
- 1xCOB 27W 100V-240V 2300lm 3000K/4000K/5000K



BEAM DEGREE NARROW | WIDE | BEAM ANGLE

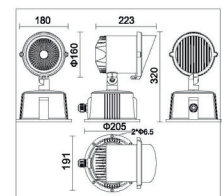
Body: Heavy Duty Die-casting aluminum
 Optical system: Anodized reflector and super white tempered glass. PMMA diffuser.
 Finishing: Mechanical and chemical anti-corrosion treatment, uv resistant exterior paint system.
 Light output: djustable.



Distance	Average illuminanc	Diameter
1m	496.5, 843.1 lx	163.39 cm
2m	124.1, 210.8 lx	326.78 cm
3m	55.16, 93.68 lx	490.18 cm
4m	31.03, 52.69 lx	653.57 cm
5m	19.86, 33.72 lx	816.96 cm

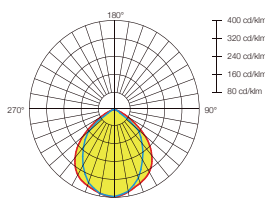
MEADOW

- 1xCOB 34W 100V-240V 3500lm 3000K/4000K/5000K
- 1xCOB 48W 100V-240V 4380lm 3000K/4000K/5000K



BEAM DEGREE NARROW | WIDE | BEAM ANGLE

Body: Heavy Duty Die-casting aluminum
 Optical system: Anodized reflector and super white tempered glass. PMMA diffuser.
 Finishing: Mechanical and chemical anti-corrosion treatment, uv resistant exterior paint system.



Distance	Average illuminanc	Diameter
1m	188.1, 395.5 lx	185.90 cm
2m	47.03, 98.88 lx	371.79 cm
3m	20.90, 43.94 lx	557.69 cm
4m	11.76, 24.72 lx	743.59 cm
5m	7.524, 15.82 lx	929.48 cm

Due to continuous improvements, specifications may change without prior notice.

SPOT LIGHTING



Due to continuous improvements, specifications may change without prior notice.

PYTHON



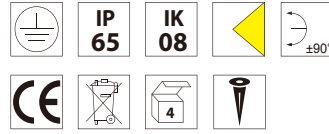
BEAM DEGREE NARROW | WIDE | BEAM ANGLE



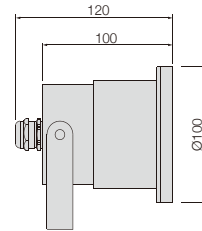
PYTHON

350mA/500mA/750mA

LED CREE 6W 100V-240V 490 lm



Material: Heavy Duty Die-casting aluminum body.
 Finishing: Surface anti-ageing electrostatic spray processing, super resistance to corrosion.
 Internal box: Tempered Glass Lens/Diffuser.
 External box:

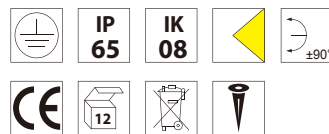


VERMONT

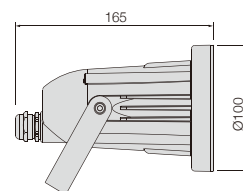


VERMONT

GU10 9W/max L=80mm
 LED



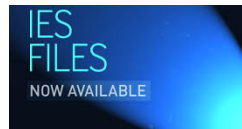
Material: Heavy Duty Die-casting aluminum body.
 Finishing: Surface anti-ageing electrostatic spray processing, super resistance to corrosion.
 Internal box: Tempered Glass Lens/Diffuser.
 External box:



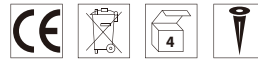
Due to continuous improvements, specifications may change without prior notice.



TELESCOPIUM

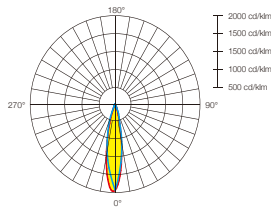


3xLED CREE 9W 100V-240V 710lm

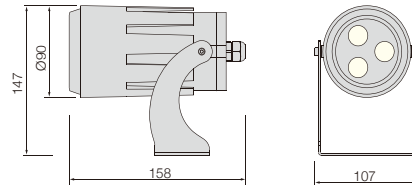


350mA/500mA/750mA

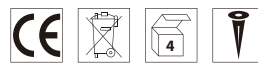
Material: Heavy Duty Die-casting aluminum body.
 Finishing: Surface anti-ageing electrostatic spray processing, super resistance to corrosion. Tempered Glass Lens Diffuser
 Internal box: 195x125x180
 External box: 410x270x205



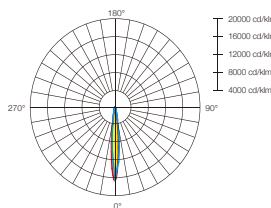
Distance	Average illuminanc	Diameter
1m	1574, 2460 lx	36.82 cm
2m	393.5, 614.9 lx	73.64 cm
3m	174.9, 273.3 lx	110.46 cm
4m	98.37, 153.7 lx	147.28 cm
5m	62.96, 98.38 lx	184.10 cm



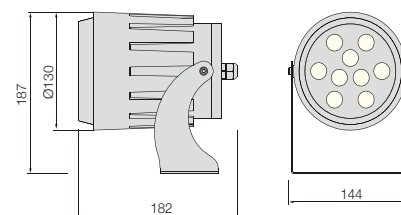
9xLED CREE 27W 100V-240V 2230lm



Material: Heavy Duty Die-casting aluminum body.
 Finishing: Surface anti-ageing electrostatic spray processing, super resistance to corrosion. Tempered Glass Lens Diffuser.
 Internal box: 215x170x225
 External box: 450x360x250



Distance	Average illuminanc	Diameter
1m	10747, 16703 lx	20.12 cm
2m	2687, 4176 lx	40.25 cm
3m	1194, 1856 lx	60.37 cm
4m	671.7, 1044 lx	80.49 cm
5m	429.9, 668.1 lx	100.61 cm



Due to continuous improvements, specifications may change without prior notice.

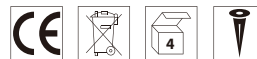


Due to continuous improvements, specifications may change without prior notice.

LIBRA

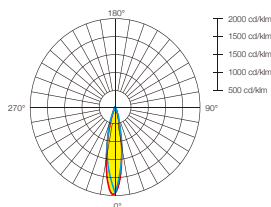


5xLED CREE 15W 100V-240V 1200lm



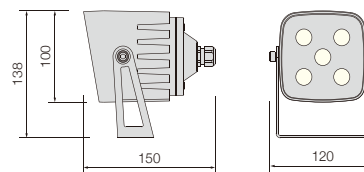
350mA/500mA/750mA

Material: Heavy Duty Die-casting aluminum body.
 Finishing: Surface anti-ageing electrostatic spray processing, super resistance to corrosion. Tempered Glass Lens Diffuser.
 Internal box: 140x130x170
 External box: 295x285x195

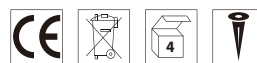


Output lumens: 169.9 lm

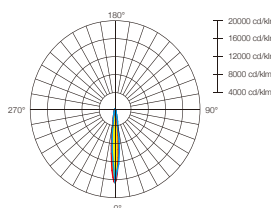
Distance	Average illuminanc	Diameter
1m	1574, 2460 lx	36.82 cm
2m	393.5, 614.9 lx	73.64 cm
3m	174.9, 273.3 lx	110.46 cm
4m	98.37, 153.7 lx	147.28 cm
5m	62.96, 98.38 lx	184.10 cm



9xLED CREE 27W 100V-240V 2300lm

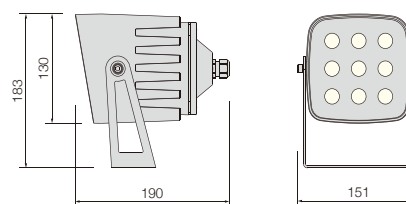


Material: Heavy Duty Die-casting aluminum body.
 Finishing: Surface anti-ageing electrostatic spray processing, super resistance to corrosion. Tempered Glass Lens Diffuser.
 Internal box: 176x160x210
 External box: 365x335x230



Output lumens: 373.0 lm

Distance	Average illuminanc	Diameter
1m	10747, 16703 lx	20.12 cm
2m	2687, 4178 lx	40.25 cm
3m	1194, 1856 lx	60.37 cm
4m	671.7, 1044 lx	80.49 cm
5m	429.9, 668.1 lx	100.61 cm



Due to continuous improvements, specifications may change without prior notice.

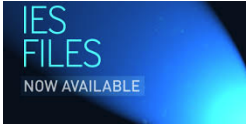
LINCOLN



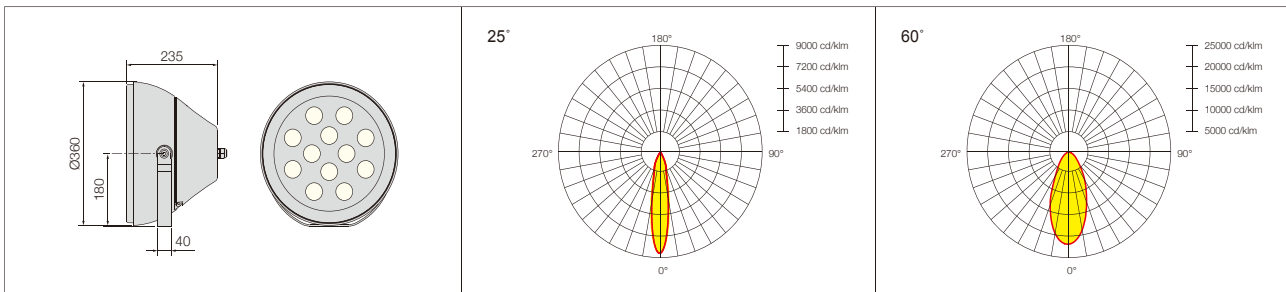
Description

350mA/500mA/750mA/1050mA

Body: Heavy Duty Die-casting aluminum.
 Optical system: Anodized reflector by chrome and special light distribution lens, diffuser with super white tempered glass. Mechanical and chemical anti-corrosion treatment, uv resistant exterior paint system.
 Finishing: Anodized reflector by chrome and special light distribution lens, diffuser with super white tempered glass. Mechanical and chemical anti-corrosion treatment, uv resistant exterior paint system.
 Light output: Narrow angle light or wide angle light by customer choose.
 Fixing: Lyre fitting joint.



BEAM DEGREE NARROW | WIDE | BEAM ANGLE



Technology Data

Code	Lamp	Output power	LED Pcs	Lumen	N.W.(kg)	G.W.(kg)	LED
LINCOLN 80-12	LED COB	80W	12	9200	8.2	8.9	
LINCOLN 100-12		100W	12	10400	8.5	9.2	
LINCOLN 120-12		120W	12	11400	8.5	9.2	

Due to continuous improvements, specifications may change without prior notice.

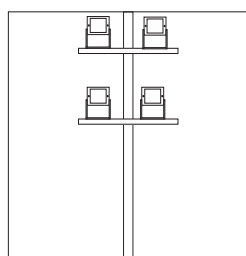
DAVIS



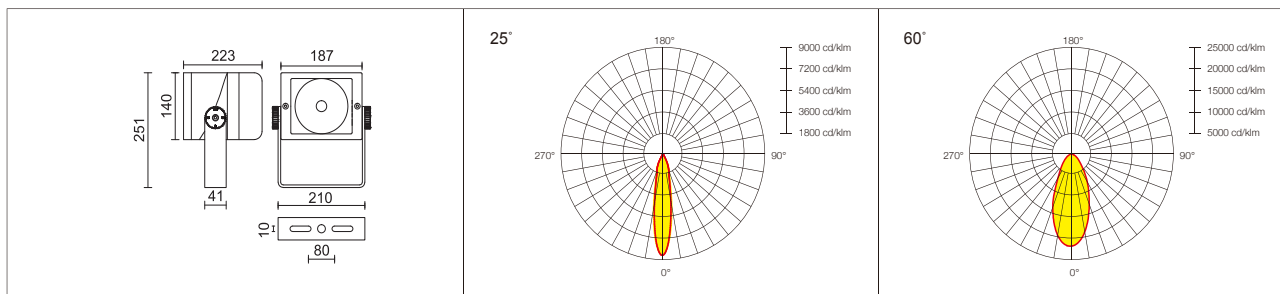
Description

350mA/500mA/750mA/1050mA

Body: Heavy Duty Die-casting aluminum.
 Optical system: Anodized reflector and special light distribution lens, diffuser with super white tempered glass. Mechanical and chemical anti-corrosion treatment, uv resistant exterior paint system.
 Finishing: Narrow angle light or wide angle light by customer choose.
 Light output: Lyre fitting joint.
 Fixing:



BEAM DEGREE NARROW | WIDE | BEAM ANGLE

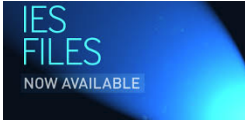


Technology Data

Code	Lamp	Output power	LED Pcs	Lumen	N.W.(kg)	G.W.(kg)	LED
DAVIS 15-1	LED COB	15W	1	1250	13.2	2.2	
DAVIS 28-1		28W	1	3500	13.3	2.2	
DAVIS 42-1		42W	1	4415	13.3	2.2	

Due to continuous improvements, specifications may change without prior notice.

CRUX S/SC



Description

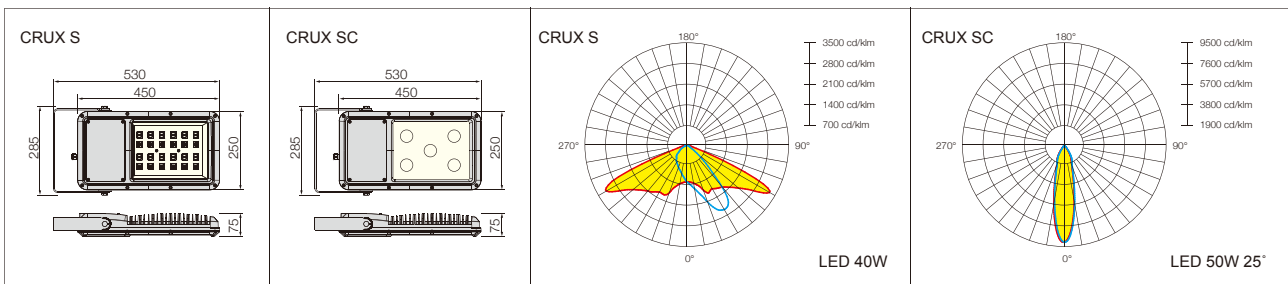
350mA/500mA/750mA/1050mA

Body: Heavy Duty Die-casting aluminum.
 Optical system: Anodized reflector by chrome and special light distribution lens, diffuser with super white tempered glass. Aluminum alloy plate.
 Mounting bracket: Mechanical and chemical anti-corrosion treatment, uv resistant exterior paint system.
 Finishing: Mechanical and chemical anti-corrosion treatment, uv resistant exterior paint system.
 Light output: Narrow angle light or wide angle light by customer choose.



CRUX S

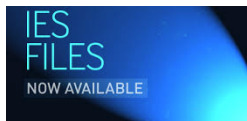
CRUX SC



Technology Data

Code	Lamp	Output power	LED Pcs	Lumen	N.W.(kg)	G.W.(kg)	LED
CRUX S 30-24	LED	30W	24	3150	5.8	6.3	
CRUX S 40-24		40W	24	3800	5.8	6.3	
CRUX S 60-24		60W	24	5400	5.8	6.3	
CRUX SC 50-5		50W	5	4000	5.8	6.3	

CRUX S1/S2



Description

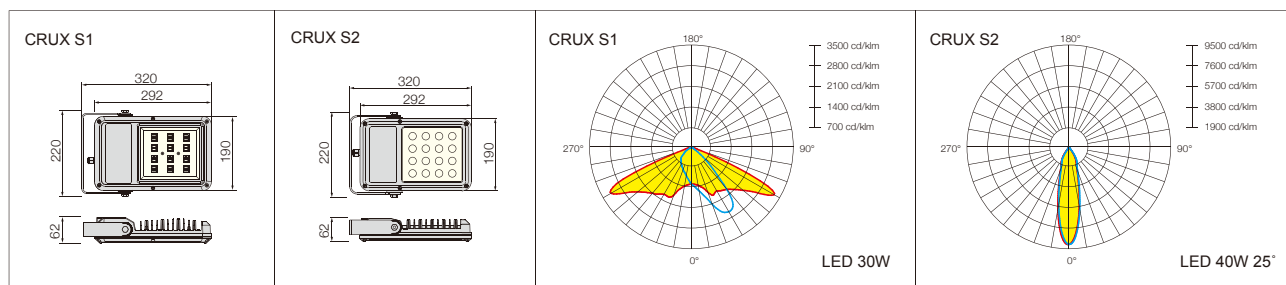
350mA/500mA/750mA/1050mA

- Body: Heavy Duty Die-casting aluminum.
- Optical system: Anodized reflector by chrome and special light distribution lens, diffuser with super white tempered glass. Aluminum alloy plate.
- Mounting bracket: Aluminum alloy plate.
- Finishing: Mechanical and chemical anti-corrosion treatment, uv resistant exterior paint system.
- Light output: Narrow angle light or wide angle light by customer choose.



CRUX S1

CRUX S2

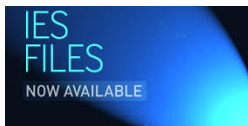


Technology Data

Code	Lamp	Output power	LED Pcs	Lumen	N.W.(kg)	G.W.(kg)	LED
CRUX S1 30-12	LED	30W	12	2850	2.8	3.2	CREE
CRUX S2 40-16		40W	16	3400	2.8	3.2	

Due to continuous improvements, specifications may change without prior notice.

CREST MN



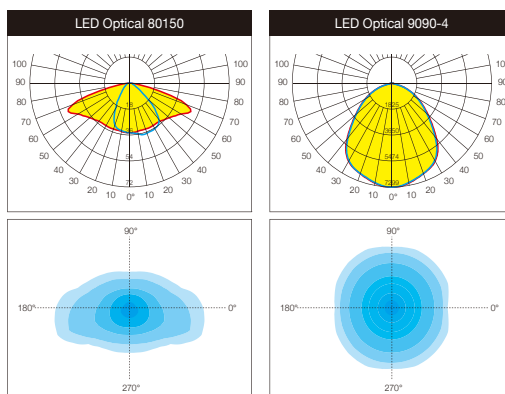
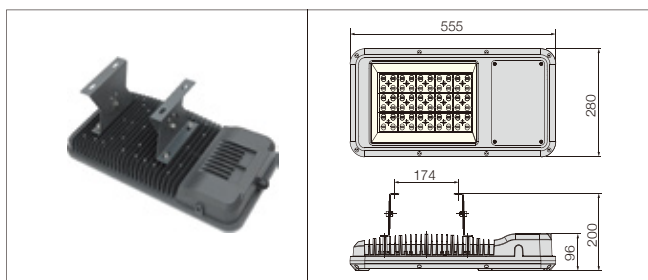
Description

350mA/500mA/750mA/1050mA

Body: Heavy Duty Die-casting aluminum.
 Optical system: Anodized reflector and flat tempered glass cover. Double chromed steel plate after painting.
 Mounting bracket: Mechanical and chemical anti-corrosion treatment, uv resistant exterior paint system.
 Finishing: Mechanical and chemical anti-corrosion treatment, uv resistant exterior paint system.
 Light output: Wide angle light.



Due to continuous improvements, specifications may change without prior notice.



Technology Data

Code	Lamp	Output power	LED Pcs	Lumen	N.W.(kg)	G.W.(kg)	LED
CREST MN 60-40	LED	60W	40	6210	10.5	11.7	CREE
CREST MN 60-48		60W	48	6420	10.7	11.0	
CREST MN 80-48		80W	48	7693	10.8	11.8	
CREST MN 100-48		100W	48	9150	10.8	11.8	
CREST MN 120-60		120W	60	11358	11.0	12.0	
CREST MN 150-60		150W	60	13530	11.0	12.0	

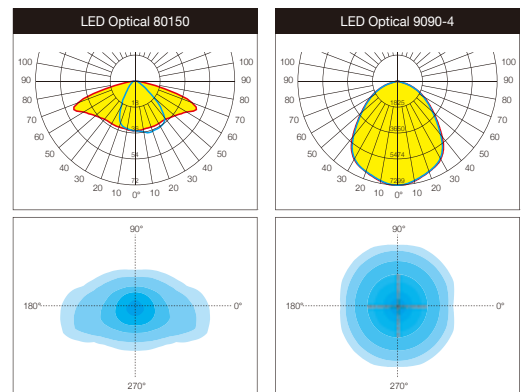
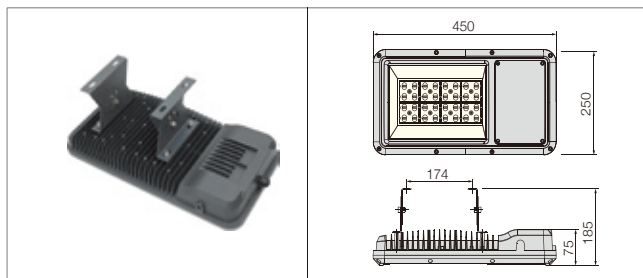
CREST SN



Description

350mA/500mA/750mA/1050mA

- Body: Die-casting aluminum.
- Optical system: Anodized PP plastic reflector and flat tempered glass cover.
- Mounting bracket: Double chromed steel plate after painting.
- Finishing: Mechanical and chemical anti-corrosion treatment, uv resistant exterior paint system.
- Light output: Wide angle light.



Technology Data

Code	Lamp	Output power	LED Pcs	Lumen	N.W.(kg)	G.W.(kg)	LED		
CREST SN 30-24	LED	30W	24	3020	6.1	7.1	CREE		
CREST SN 40-24		40W	24	3960	6.3	7.3			
CREST SN 60-24		60W	24	5615	6.4	7.4			
CREST SN 40-32		40W	32	4095	6.3	7.3			
CREST SN 60-32		60W	32	5766	6.4	7.4			
CREST SN 80-32		80W	32	7360	6.5	7.5			

Due to continuous improvements, specifications may change without prior notice.

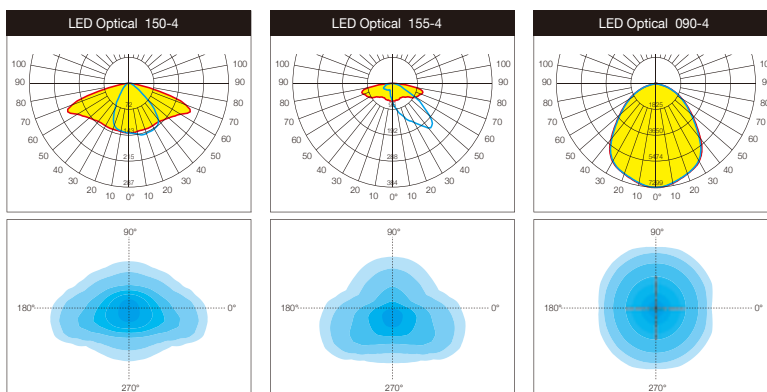
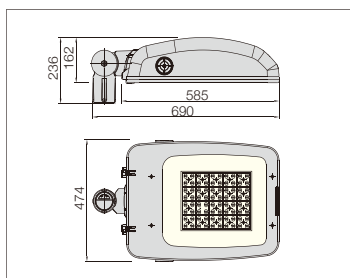
TIFFANY 01



Description

350mA/500mA/750mA/1050mA

Body: Heavy Duty Die-casting aluminum.
 Optical system: Anodized aluminum reflector and flat tempered glass cover.
 Gear plate: Galvanized steel plate or die-casting fixing by customer.
 Fastening: Extruded aluminum fastening after painting.
 Finishing: All die-casting components after mechanical and chemical anti-corrosion treatment, uv resistant exterior paint system.
 Light output: Asymmetric or symmetric.
 Fixing: Side fitting Ø60mm or lyre fitting joint.



Technology Data

Code	Lamp	Output power	LED Pcs	Lumen	N.W.(kg)	G.W.(kg)	LED		
TIFFANY 01 100-64	LED	100W	64	9560	15.1	16.1			
TIFFANY 01 120-64		120W	64	11280	15.1	16.1			
TIFFANY 01 150-80		150W	80	14250	15.3	16.3			
TIFFANY 01 180-80		180W	80	16250	15.3	16.3			

Due to continuous improvements, specifications may change without prior notice.

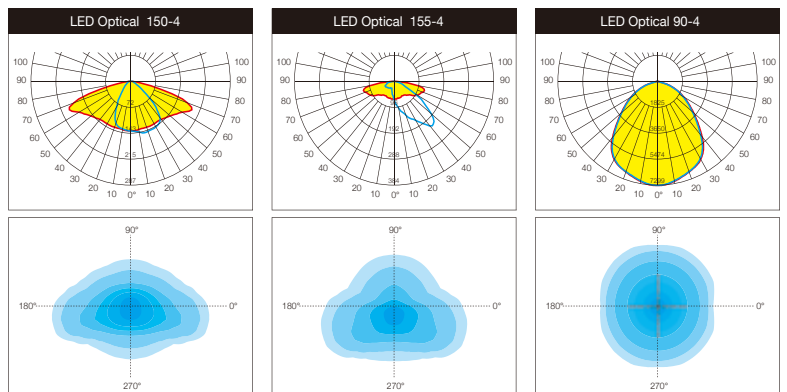
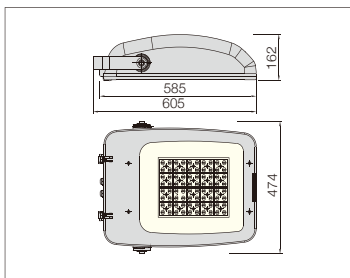
TIFFANY 02



Description

350mA/500mA/750mA/1050mA

- Body: Heavy Duty Die-casting aluminum.
- Optical system: Anodized aluminum reflector and flat tempered glass cover.
- Gear plate: Galvanized steel plate.
- Fastening: Extruded aluminum fastening after painting.
- Finishing: All die-casting components after mechanical and chemical anti-corrosion treatment, uv resistant exterior paint system.
- Light output: Asymmetric or symmetric.
- Fixing: Lyre fitting joint.



Technology Data

Code	Lamp	Output power	LED Pcs	Lumen	N.W.(kg)	G.W.(kg)	LUMENS		
TIFFANY 02 100-64	LED	100W	64	9560	15.3	16.3			
TIFFANY 02 120-64		120W	64	11280	15.3	16.3			
TIFFANY 02 150-80		150W	80	14250	15.5	16.5			
TIFFANY 02 180-80		180W	80	16250	15.5	16.5			

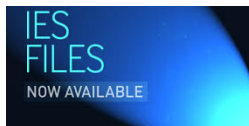
Due to continuous improvements, specifications may change without prior notice.

TIFANY MH

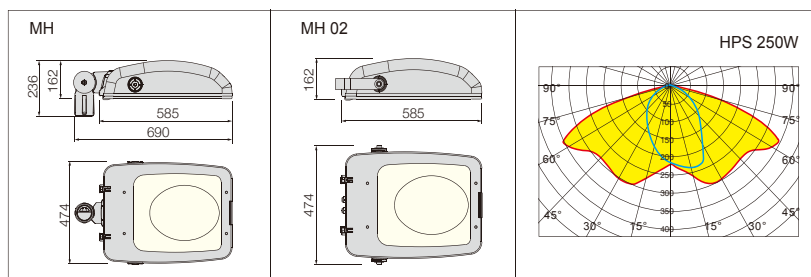


Description

Body: Heavy Duty Die-casting aluminum.
 Optical system: Anodized aluminum reflector and flat tempered glass cover.
 Gear plate: Galvanized steel plate or die-casting fixing by customer.
 Fastening: Extruded aluminum fastening after painting.
 Finishing: All die-casting components after mechanical and chemical anti-corrosion treatment, uv resistant exterior paint system.
 Light output: Asymmetric or symmetric.
 Fixing: Side fitting Ø60mm or lyre fitting joint.



Due to continuous improvements, specifications may change without prior notice.



Technology Data

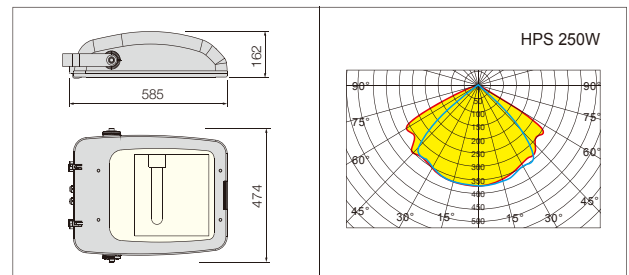
Code	Lamp	Output power	Lamp holder	N.W.(kg)	G.W.(kg)
TIFFANY MH	HPS/MH	70W-250W	E27/E40	9.5	10.5
TIFFANY MH 02	HPS/MH	70W-250W	E27/E40	9	10

TIFFANY ASY



Description

Body: Die-casting aluminum.
 Optical system: Anodized aluminum reflector and flat tempered glass cover.
 Gear plate: Galvanized steel plate.
 Fastening: Extruded aluminum fastening after painting.
 Finishing: All die-casting components after mechanical and chemical anti-corrosion treatment, uv resistant exterior paint system.
 Light output: Asymmetric or symmetric.
 Fixing: Lyre fitting joint.

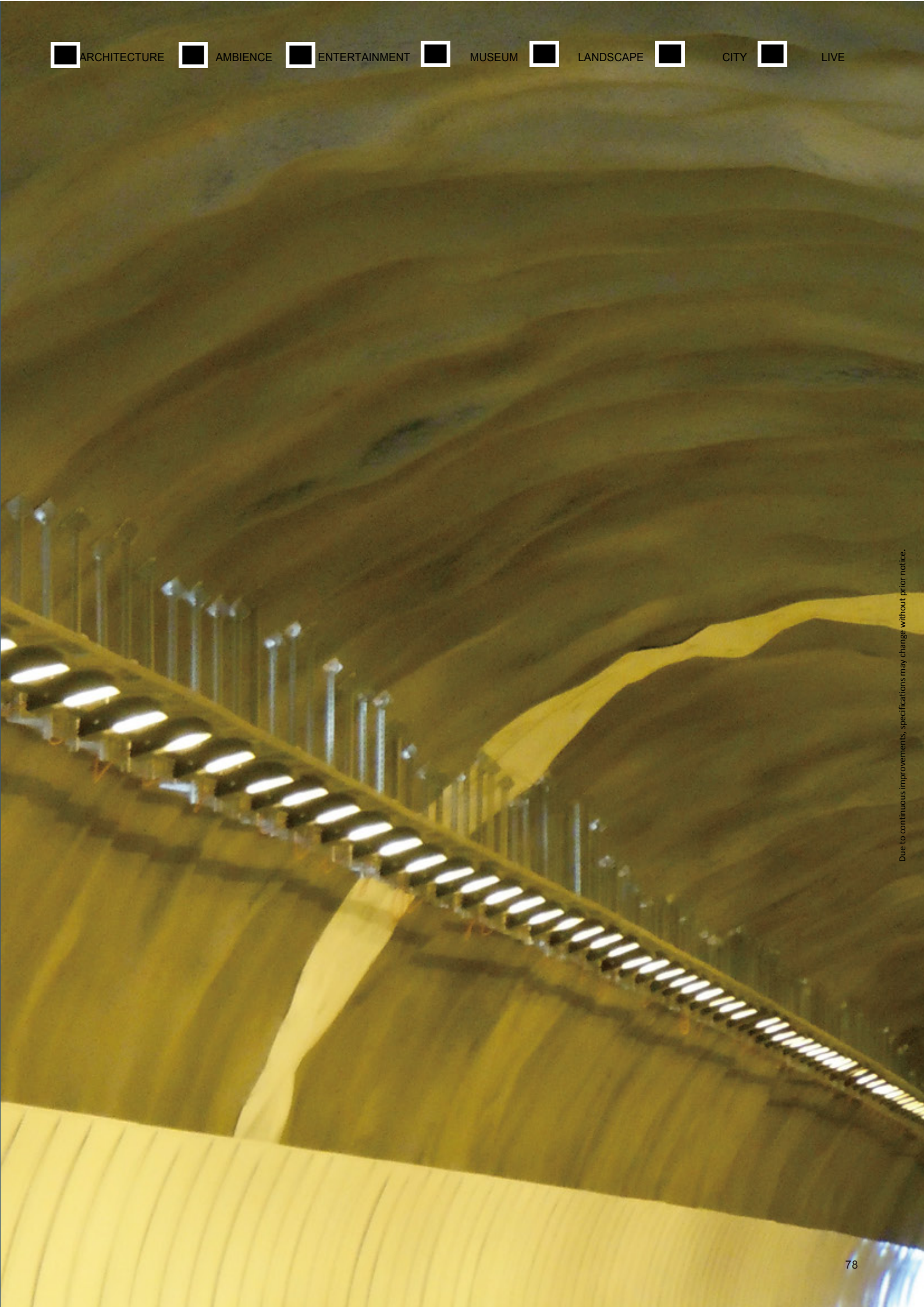


Technology Data

Code	Lamp	Output power	Lamp holder	N.W.(kg)	G.W.(kg)
TIFFANY MH 02	HPS/MH	70W-400W	E27/E40	9	10



Due to continuous improvements, specifications may change without prior notice.



Due to continuous improvements, specifications may change without prior notice.

BOSTON

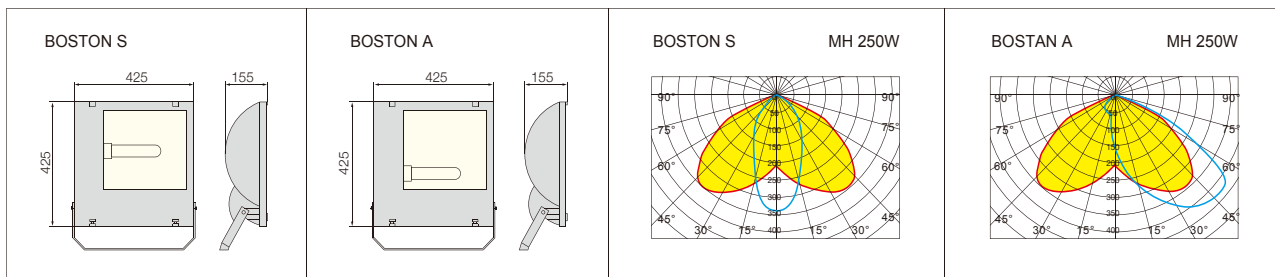


Description

Body: Heavy Duty Die-casting aluminum.
 Optical system: Anodized aluminum reflector and flat tempered glass cover.
 Gear plate: Galvanized steel plate after painting.
 Fastening: Stainless steel fastening.
 Finishing: All die-casting components after mechanical and chemical anti-corrosion treatment, uv resistant exterior paint system.
 Light output: Asymmetric or symmetric.
 Power: 150W-400W.
 Fixing: Lyre fitting joint.



Due to continuous improvements, specifications may change without prior notice.



Technology Data

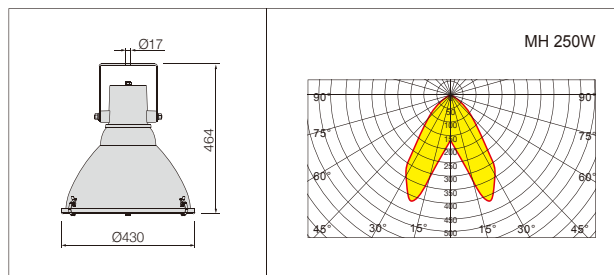
Code	Lamp	Output power	Lamp holder	N.W.(kg)	G.W.(kg)	LED
BOSTON S	HPS/MH	100W-400W	E27/E40	3	3.5	CREE
BOSTON A	HPS/MH	100W-400W	E27/E40	4	4.5	
BOSTON LED	LED	40W-60W		3.5	4	

PROCTOR



Description

Body: Spinning aluminum.
 Optical system: Anodized aluminum reflector and flat tempered glass cover.
 Gear plate: Galvanized steel plate after painting.
 Fastening: Stainless steel fastening.
 Finishing: All die-casting components after mechanical and chemical anti-corrosion treatment, uv resistant exterior paint system.
 Power: 150W-400W.
 Fixing: Lyre fitting joint.



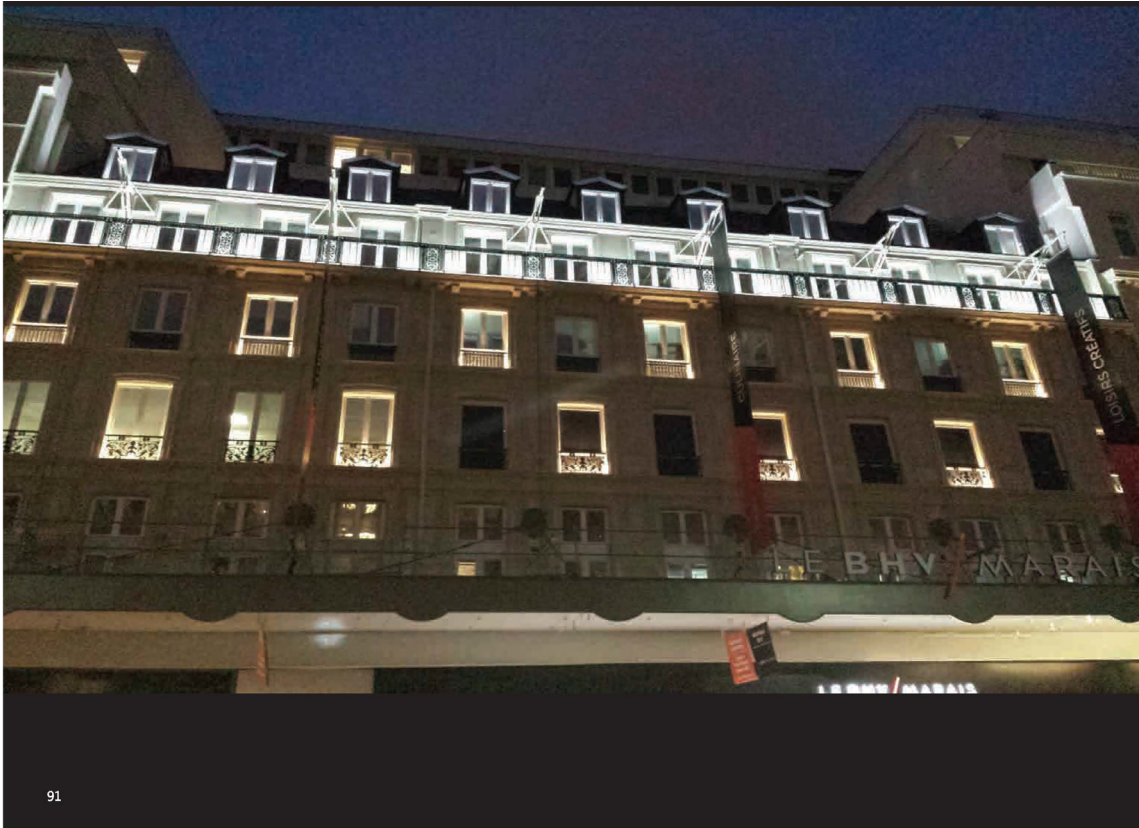
Technology Data

Code	Lamp	Output power	Lamp holder	N.W.(kg)	G.W.(kg)	Packing box size (mm)
PROCTOR	HPS/MH	100W-400W	E27/E40	4	5	445x445x455

Due to continuous improvements, specifications may change without prior notice.



LINEAR WALL WASHER - PHANTOM



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Description

Body:	Aluminum extruded body, die-cast aluminum cover. PMMA lens and flat tempered glass Lens Dfuser Galvanized steel plate.
Optical system:	Mechanical and chemical anti-corrosion treatment, uv resistant exterior paint system.
Base plate:	Extruded aluminum bracket fitting.
Finishing:	Monochrome, RGB
Color	
Beam Degree	10, 25, 45, 60

BEAM DEGREE NARROW | WIDE | BEAM ANGLE



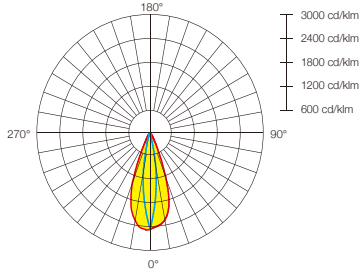
CREE

LUMILEDS

EDISON

PHANTOM

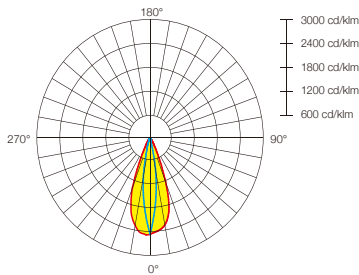
350mA/500mA/750mA



Output lumens: 131.7 lm

1m	1876, 2497 lx	29,04 cm
2m	469, 1, 624, 3 lx	58,08 cm
3m	208, 5, 277, 5 lx	87,11 cm
4m	117, 3, 156, 1 lx	116,15 cm
5m	75,05, 99,89 lx	145,19 cm
Distance	Average illuminanc	Diameter

36 xLED CREE 36W 100V-240V/DC 24V 3060lm



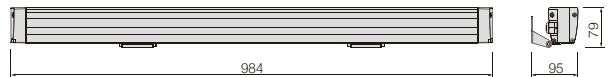
Output lumens: 131.7 lm

1m	1876, 2497 lx	29,04 cm
2m	469, 1, 624, 3 lx	58,08 cm
3m	208, 5, 277, 5 lx	87,11 cm
4m	117, 3, 156, 1 lx	116,15 cm
5m	75,05, 99,89 lx	145,19 cm
Distance	Average illuminanc	Diameter

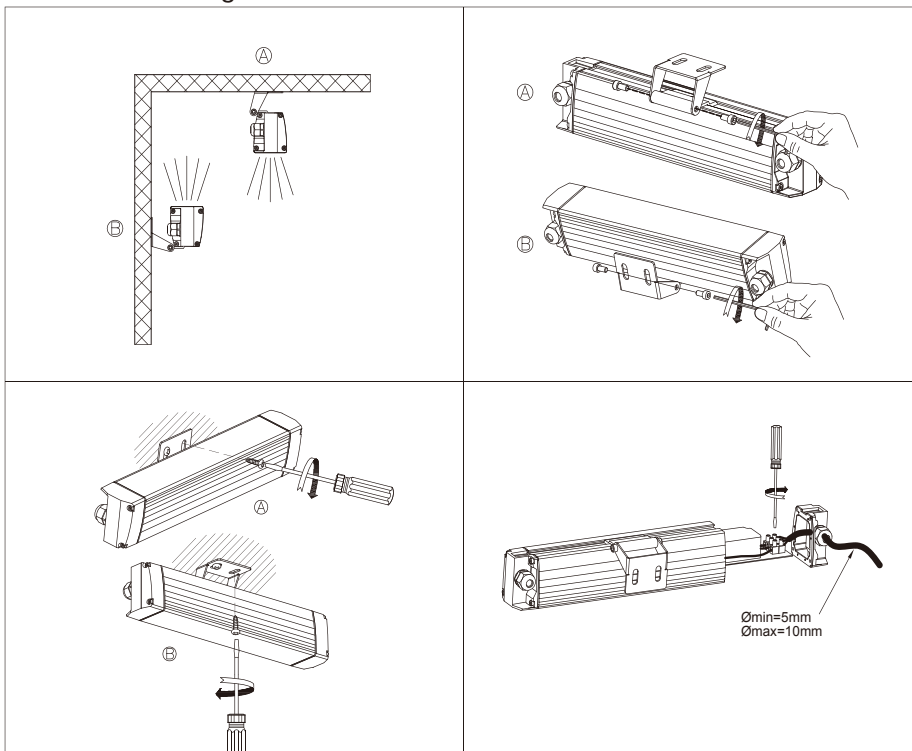
48 xLED CREE 48W 100V-240V/DC 24V 4080lm



76xLED CREE 72W 100V-240V/DC 24V 6460lm



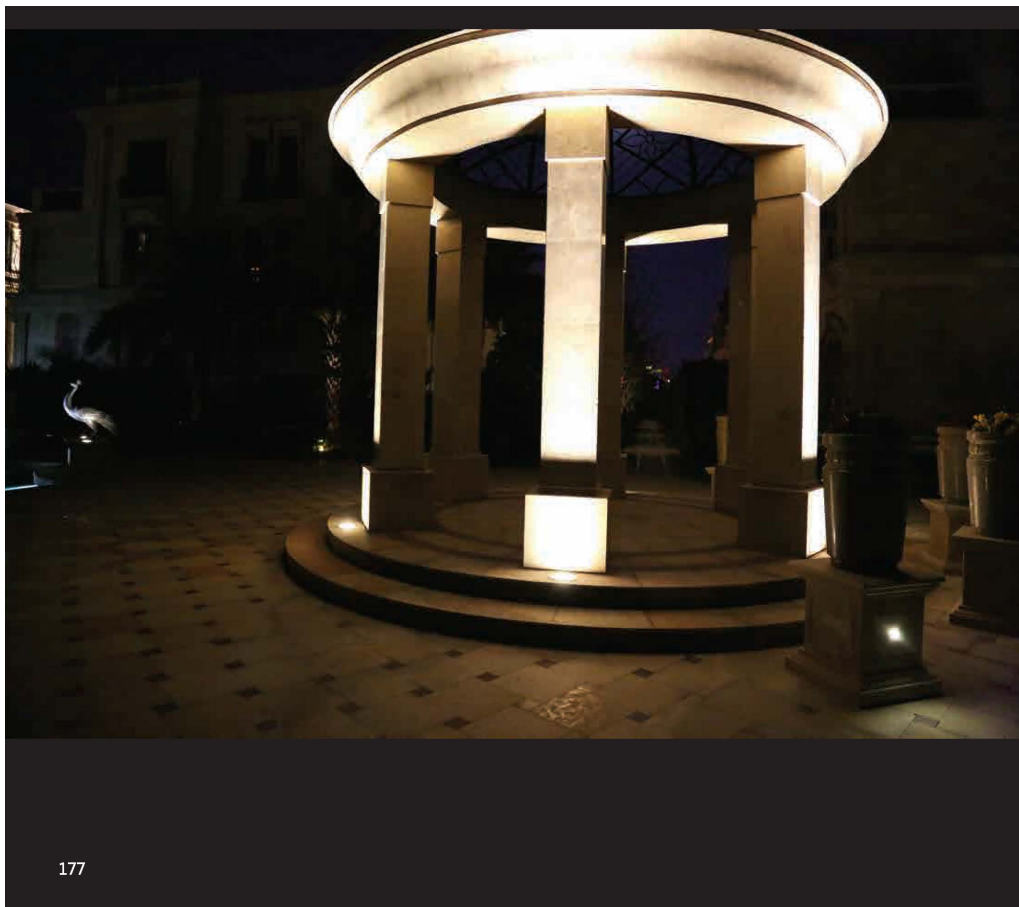
Installation drawing



Ømin=5mm
Ømax=10mm

Due to continuous improvements, specifications may change without prior notice.

INGROUND LIGHTING



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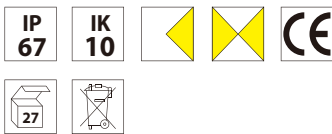
Due to continuous improvements, specifications may change without prior notice.



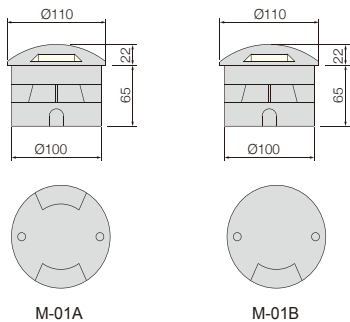
MINIWAY

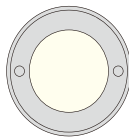
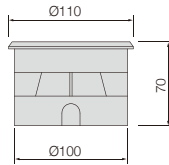
350mA/500mA/750mA

MW-01A		LED 8x0.1W 24V AC/DC 80 lm 3000K/6000K
MW-01B		LED 4x0.1W 24V AC/DC 40 lm 3000K/6000K



Material: Heavy Duty Die-casting aluminum body, Tempered PMMA diffuser.
 Finishing: Mechanical and chemical anti-corrosion treatment, uv resistant exterior paint system.
 Internal box: 120 x 120 x 110
 External box: 380 x 380 x 350

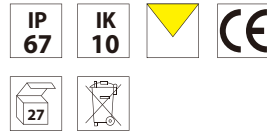




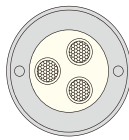
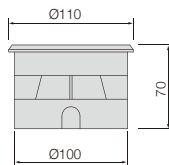
MICRORAM

350mA/500mA/750mA

M-02		LED 1W 24V AC/DC 96 lm 3000K/6000K
M-02RGB		LED 1W 24V AC/DC 80 lm RGB

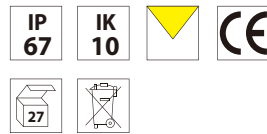


Material: Heavy Duty Die-casting aluminum body, flat tempered glass and 316 Marine Grade stainless steel frame
Finishing: Mechanical and chemical anti-corrosion treatment, uv resistant exterior paint system.
Internal box: 120x120x85
External box: 370x370x280

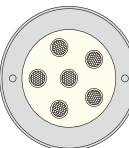
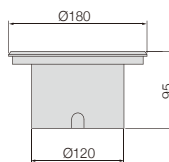


LEO

L03		LED 3x1W 100-240V 270 lm 3000K/6000K
L-03RGB		LED 3x1W 100-240V 240 lm RGB

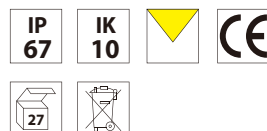


Material: Heavy Duty Die-casting aluminum body, flat tempered glass and 316 Marine Grade stainless steel cover.
Finishing: Mechanical and chemical anti-corrosion treatment, uv resistant exterior paint system.
Internal box: 120x120x85
External box: 370x370x280



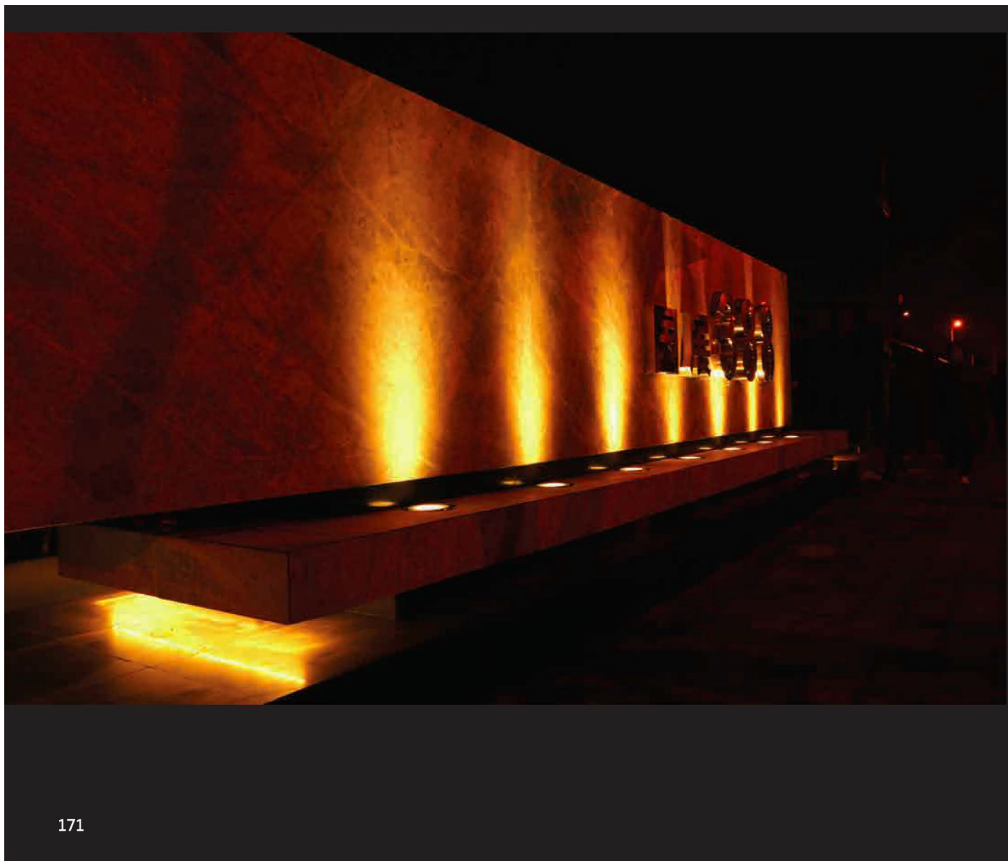
CREO

C04		LED 6x1W 100-240V 540 lm 3000K/6000K
C-04RGB		LED 6x1W 100-240V 450 lm RGB



Material: Heavy Duty Die-casting aluminum body, flat tempered glass and 316 Marine Grade stainless steel cover.
Finishing: Mechanical and chemical anti-corrosion treatment, uv resistant exterior paint system.
Internal box: 190x190x110
External box: 585x585x350





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TRINITRON - ADJUSTABLE - ASYMMETRICAL

350mA/500mA/750mA

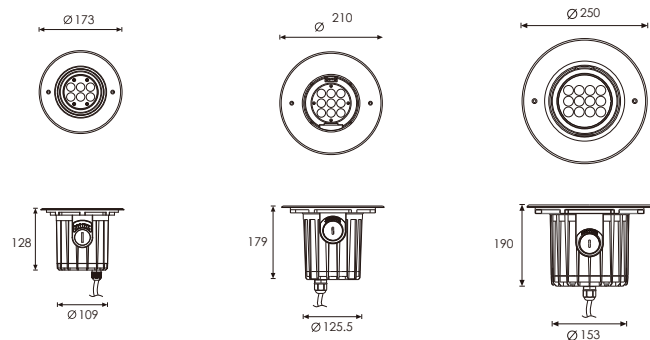


T-01A		LED 6W 110-240V/24V AC/DC 510 lm 3000K/4000K/6500K
T-01B		LED 9W 110-240V/24V AC/DC 765 lm 3000K/6000K/6500K
T-01C		LED 12W 110-240V/24V AC/DC 1020 lm 3000K/6000K/6500K

Static Load - 2980 Kgs



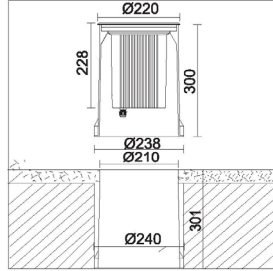
BEAM DEGREE NARROW | WIDE | BEAM ANGLE



Material: Heavy Duty Die-casting aluminum body, Tempered Glass Lens diffuser.
Finishing: Mechanical and chemical anti-corrosion treatment, uv resistant exterior paint system. 316 Grade Stainless Steel.
 Internal box: 120 x 120 x 110
 External box: 380 x 380 x 350



HYDREL



BEAM DEGREE NARROW | WIDE | BEAM ANGLE

350mA/500mA/750mA

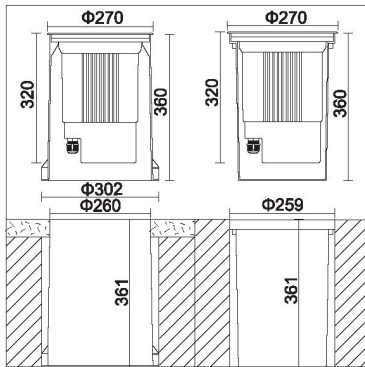
H-01		LED 7W 100/240V AC 670 lm 3000K/4000K/5000K
H-02		LED 11W 100/240V AC 1060 lm 3000K/4000K/5000K
H-03		LED 15W 100/240V AC 1250 lm 3000K/4000K/5000K
H-04		LED 22W 100/240V AC 2900 lm 3000K/4000K/5000K

Static Load 5000 Kgs

Material: Heavy Duty Die-casting aluminum body, flat tempered glass and 316 Marine Grade stainless steel frame
Finishing: Mechanical and chemical anti-corrosion treatment, uv resistant exterior paint system.
Internal box: 120x120x85
External box: 370x370x280



EPILSON



BEAM DEGREE NARROW | WIDE | BEAM ANGLE

E-01		LED 55W 100-240V 5200lm 3000K/4000K/5000K
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Static Load 5000 Kgs

Material: Heavy Duty Die-casting aluminum body, flat tempered glass and 316 Marine Grade stainless steel cover.
Finishing: Mechanical and chemical anti-corrosion treatment, uv resistant exterior paint system.
Internal box: 120x120x85
External box: 370x370x280



Due to continuous improvements, specifications may change without prior notice.

UNDER WATER LIGHTING



Due to continuous improvements, specifications may change without prior notice.

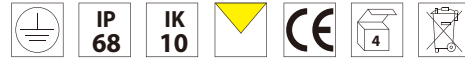


MICRO JET

350mA/500mA/750mA

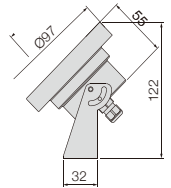
LED 3W DC 24V 330lm 3000K//6000K/RGB

LED 7W DC 24V 630lm 3000K//6000K/RGB



BEAM DEGREE NARROW | WIDE | BEAM ANGLE
350mA/500mA/750mA

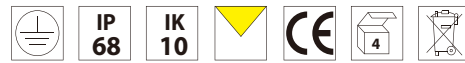
Material: 316 Marine Grade Stainless Steel Body & Housing
Finishing: Body surface by oxygenation treat.
Internal box: 105x105x70
External box: 220x220x155



MICRO JET M

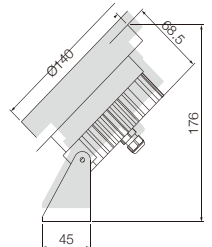
LED 8W DC 24V 660lm 3000K//6000K/RGB

LED 14W DC 24V 1260m 3000K//6000K/RGB



BEAM DEGREE NARROW | WIDE | BEAM ANGLE

Material: 316 Marine Grade Stainless Steel Body & Housing
Finishing: Body surface by oxygenation treat.
Internal box: 150x150x80
External box: 310x310x175



MICRO JET L

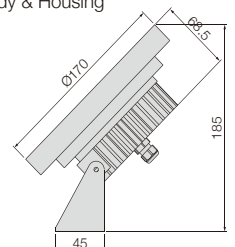
LED 12W DC 24V 743lm 3000K//6500K/RGB

LED 23W DC 24V 1890lm 3000K//6500K/RGB



BEAM DEGREE NARROW | WIDE | BEAM ANGLE

Material: 316 Marine Grade Stainless Steel Body & Housing
Finishing: Body surface by oxygenation treat.
Internal box: 180x180x80
External box: 370x370x175



Due to continuous improvements, specifications may change without prior notice.



Due to continuous improvements, specifications may change without prior notice.

Highbay Lighting



Highbay Lighting

The LED Highbay Lighting series is a new luminaries with LED maximum light output with directionally downwards and uniform light distribution and unique structure design. This product features very precise symmetrical light control achieving superb lighting for large open areas. The light from the lamp is focused by a reflector onto the designated spots, broad spread and uniform with anti-glare function. Specially designed for Landscaping location.

The LED Highbay series is a new Symmetrical Architectural Lighting Series providing precision optical system gives very low glare rating, while reducing light pollution. It can achieve the desired effect in a wide range of applications with high quality optical systems and for direct lighting. This product provide soft, uniform, enhancing special lighting effect that blends into the space being lit, to maximizes innate light beauty.

Precision optical system of this Series gives very low glare rating, while reducing light pollution. The housing materials of the fixture of this series can be specified as main structure made of heavy duty Die cast aluminum covered by anti-corrosion resistant covering 5 years of warranty. The led series is equipped with a uniquely designed for better protection and durability, easier installation and maintenance.

Tempered Glass Lens Diffuser, Heat resistant silica gel water proof gasket, Aspheric Optics Lens patent technology, wide light irradiation range, high uniformity, Impact resistant, shockproof construction and no ultraviolet or infrared radiation. Its surface has also been oxidized and will not get rusted by moisture, and its color will not fade out. The LED series is also equipped with a uniquely designed for better protection and durability, easier installation and maintenance. Due to its high IP rating 65 or 66, the LED Lighting series is special designed to offer functional, a wide range of lighting solutions and dramatic highlighting of the architectural Industrial or Landscape Area.

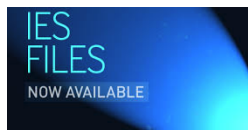
As a high quality feature for years to come, the luminaire is installed with a high efficient CREE / OSRAM / EDISON or BRIDGELUX LED lamps with average 50000 Hrs life and input 100V – 240V AC & 50-60 Hz power input operation on an integrated board with switching elements between different colours or mixtures of colours on the same integrated board so-called “RGB” Red-Green-Blue through Dimmable DMX Controllers. The modern LED boards are technically developed with a standardized interface of voltage controlled by a High Quality of LED Driver (Eagle, Meanwell, TCI or Merrytek controlling systems and incorporated in the body.

LEDs are stucked to the aluminium heat sink for maximum fast heat dissipation. Protection Class I is maintained. The products are with high quality LED Source with low energy consumption which maintenance free and choice of color output.

The features of luminaires are such as long life, limited maintenance and constant lifetime performance, suitable for high efficiency long-life lamps available with different colour temperatures.



HIGHBAY LIGHTING

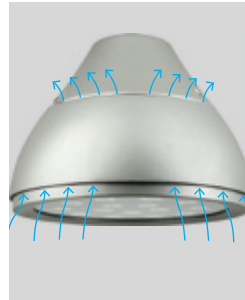


Description

Body:	Heavy Duty Die-casting aluminum.
Optical system:	Anodized aluminum reflector and flat tempered glass lens diffuser.
Finishing:	All die-casting components after mechanical and chemical anti-corrosion treatment, UV resistant exterior paint system.
Light output:	Narrow, Medium, wide angle light option.
Electrical assembling:	Alone electrical box.
Fixing:	Lyre fitting joint or hanging.
Control:	Sensor control option.



Alone electrical box design with auto cut off disconnecter device, it can improve the luminaire IP grade and electric safety performance.

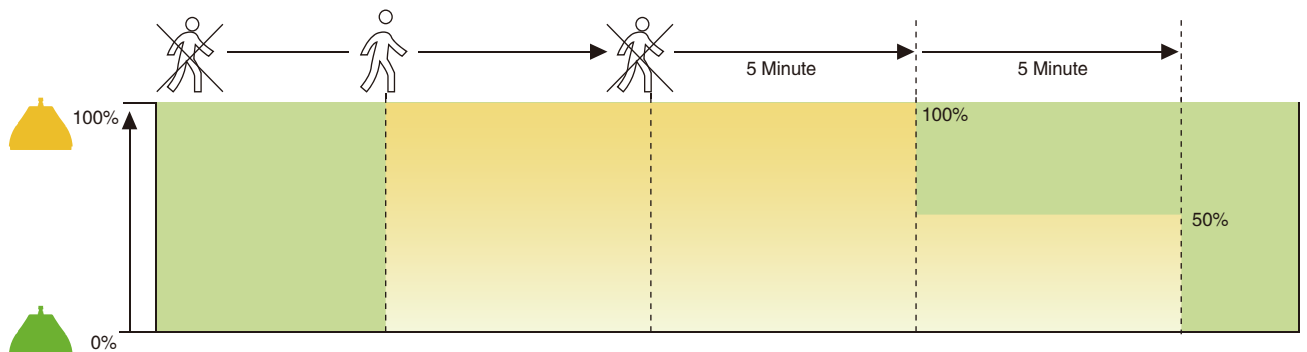
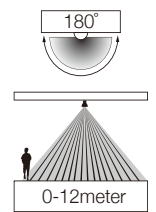


Cross ventilation design and insects object coming into the led lighting body, also guarantees excellent heat radiation ability

Microwave Sensor Control Function



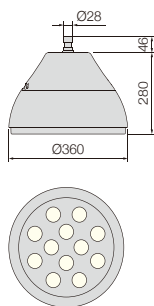
With Sensor



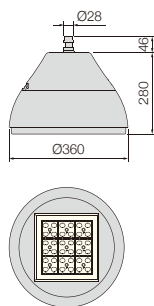
GEMINI Series



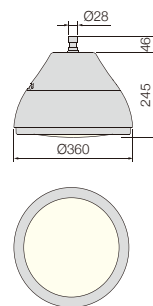
GEMINI SC



GEMINI SX



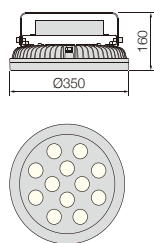
GEMINI SS



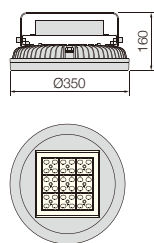
STELLAR Series



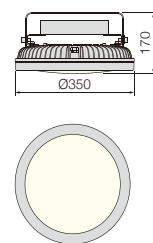
STELLAR SC



STELLAR SX



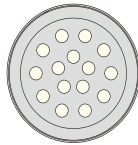
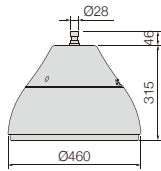
STELLAR SS



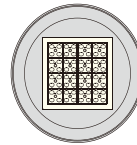
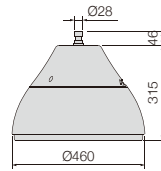
Due to continuous improvements, specifications may change without prior notice.



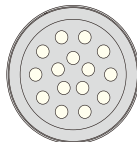
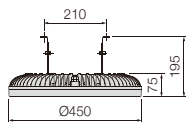
GEMINI MC



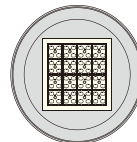
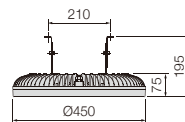
GEMINI MX



STELLAR MC

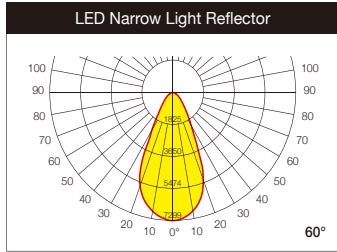


STELLAR MX

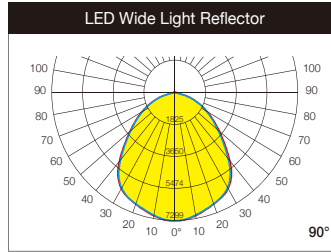


Different Light Distribution

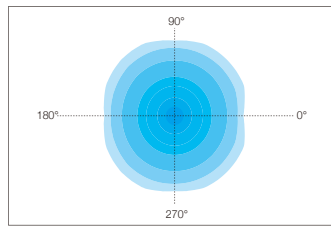
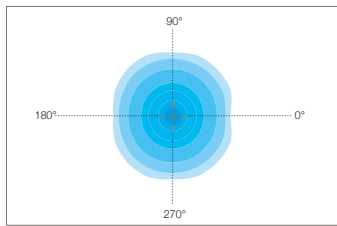
CREE COB Series



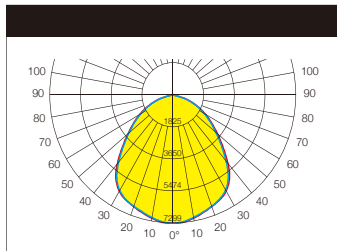
Narrow light, it be used to more higher installation.



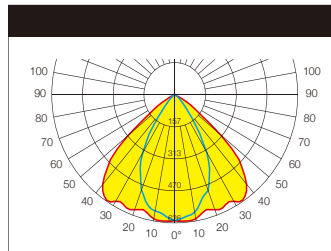
Wide light, it be used to middle highbay and public illumination.



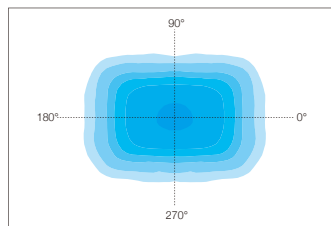
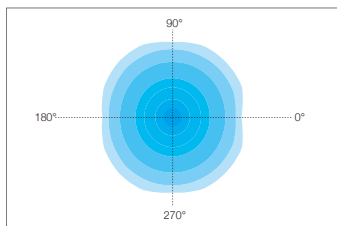
CREE XPG Series



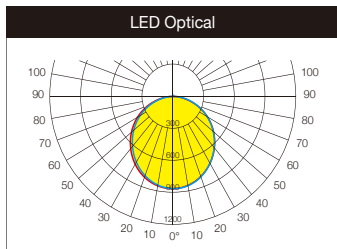
Wide light, it be used to middle highbay and public illumination.



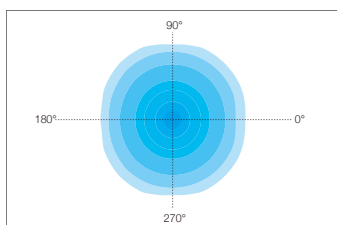
Wide & narrow light, it be used to more higher storage rack or industry lobby.



SMD Series

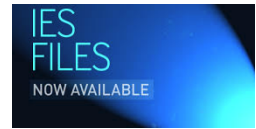


Wide light, it be used to low ceiling or publicarea illumination.



GEMINI 01 Series

Code	Lamp	Output power	LED Pcs	Lumen	N.W.(kg)	G.W.(kg)	
GEMINI SC 80-12	LED COB	80W	12	9200	7.7	8.4	CREE
GEMINI SC100-12		100W	12	11400	8.0	8.7	
GEMINI SC 120-12		120W	12	12600	8.0	8.7	
GEMINI SX 60-36	LED	60W	36	6100	7.8	8.5	
GEMINI SX 80-36		80W	36	7700	7.8	8.5	
GEMINI SX 00-36		100W	36	8600	7.9	8.6	
GEMINI SS 60-198	SMD	60W	198	3200	7.4	8.1	
GEMINI SS 80-198		80W	198	4000	7.4	8.1	
GEMINI SS 60-198	SMD WITH SENSOR	60W	198	3200	7.6	8.3	
GEMINI SS 80-198		80W	198	4000	7.6	8.3	
GEMINI MC 120-15	LED COB	120W	15	12600	11.8	12.8	
GEMINI MC 150-15		150W	15	14300	12.1	13.1	
GEMINI MC 180-15		180W	15	16000	12.1	13.1	
GEMINI MX 100-64	LED	100W	64	10000	11.9	12.9	
GEMINI MX 120-64		120W	64	11500	12.2	13.2	
GEMINI MX 150-64		150W	64	13800	12.2	13.2	



350mA/500mA/750mA

STELLAR 03 Series

Code	Lamp	Output power	LED Pcs	Lumen	N.W.(kg)	G.W.(kg)	
STELLAR SC 80-12	LED COB	80W	12	9200	6.0	6.7	CREE
STELLAR SC 100-12		100W	12	11400	6.0	6.7	
STELLAR SC 120-12		120W	12	12600	6.3	7.0	
STELLAR XL 60-36	LED	60W	36	6100	6.0	6.7	
STELLAR XL 80-36		80W	36	7700	6.0	6.7	
STELLAR XL 100-36		100W	36	8600	6.3	7.0	
STELLAR SS 60-198	SMD	60W	198	3200	5.3	6.0	
STELLAR SS 80-198		80W	198	4000	5.3	6.0	
STELLAR SS 60-198	SMD WITH SENSOR	60W	198	3200	5.5	6.2	
STELLAR SS 80-198		80W	198	4000	5.5	6.2	
STELLAR MC120-15	LED COB	120W	15	12600	9.0	10.0	
STELLAR MC 150-15		150W	15	14300	9.3	10.3	
STELLAR MC 180-15		180W	15	16000	9.3	10.3	
STELLAR MC 250-15		250W	15	22500	9.5	10.5	
STELLAR MX 100-64	LED	80W	64	10000	9.0	10.0	
STELLAR MX 120-64		100W	64	11500	9.3	10.3	
STELLAR MX 150-64		120W	64	13800	9.3	10.3	

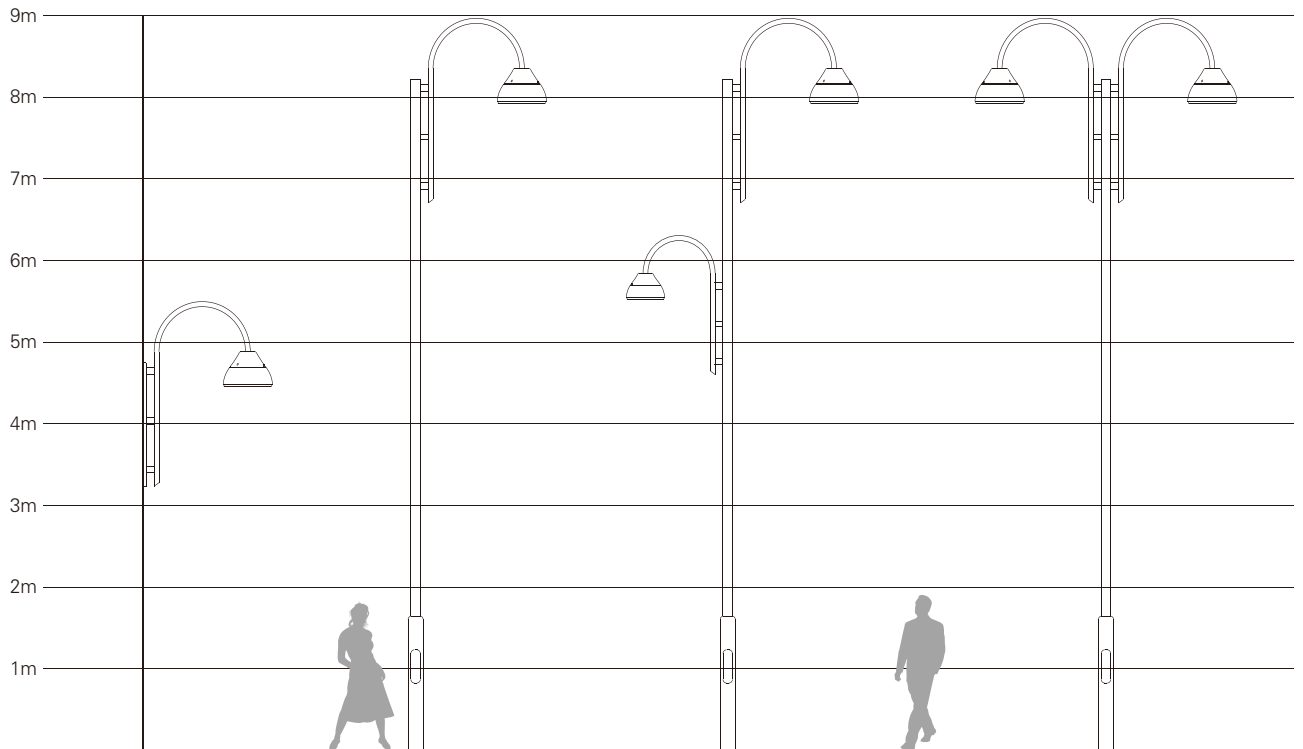
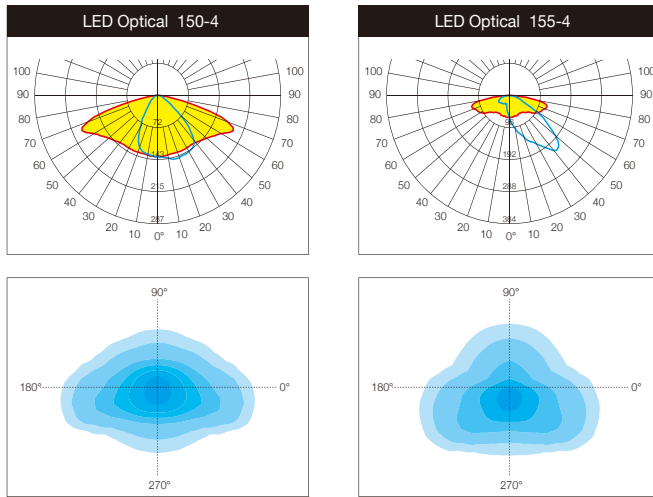
Due to continuous improvements, specifications may change without prior notice.



Street Optical Application

LED: CREE XPG

GEMINI SX / MX



Due to continuous improvements, specifications may change without prior notice.

Wall Lighting - Wall & Ceiling

The LED Wall & Ceiling Lighting series is a new luminaries with LED maximum light output with directionally spotting and uniform light distribution and unique structure design. This product features very precise symmetrical light control achieving superb lighting for large open areas. The light from the lamp is focused by a reflector onto the designated spots, broad spread and uniform with anti-glare function. Specially designed for Landscaping location.

This LED series is a new Symmetrical or Asymmetrical Architectural Lighting Series providing precision optical system gives very low glare rating, while reducing light pollution. It can achieve the desired effect in a wide range of applications with high quality optical systems and for direct lighting. This product provide soft, uniform, enhancing special lighting effect that blends into the space being lit, to maximizes innate light beauty.

Precision optical system of this Series gives very low glare rating, while reducing light pollution. The housing materials of the fixture of this series can be specified as main structure made of heavy duty Die cast aluminum covered by anti-corrosion resistant covering 5 years of warranty. The led series is equipped with a uniquely designed for better protection and durability, easier installation and maintenance.

Tempered Glass Lens Diffuser, Heat resistant silica gel water proof gasket, Aspheric Optics Lens patent technology, wide light irradiation range, high uniformity, Impact resistant, shockproof construction and no ultraviolet or infrared radiation. Its surface has also been oxidized and will not get rusted by moisture, and its color will not fade out. The LED series is also equipped with a uniquely designed for better protection and durability, easier installation and maintenance. Due to its high IP rating 65 or 66, the LED Lighting series is special designed to offer functional, a wide range of lighting solutions and dramatic highlighting of the architectural Landscape Area.







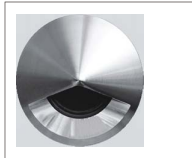

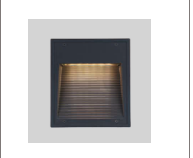
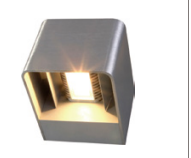
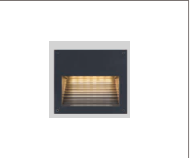
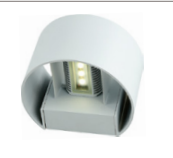




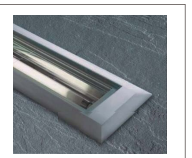








As a high quality feature for years to come, the luminaire is installed with a high efficient CREE / OSRAM / EDISON or BRIDGELUX LED lamps with average 50000 Hrs life and input 100V – 240V AC & 50-60 Hz power input operation on an integrated board with switching elements between different colours or mixtures of colours on the same integrated board so-called “RGB” Red-Green-Blue through Dimmable DMX Controllers. The modern LED boards are technically developed with a standardized interface of voltage controlled by a High Quality of LED Driver (Eagle, Meanwell, TCI or Merrytek controlling systems and incorporated in the body.

LEDs are stucked to the aluminium heat sink for maximum fast heat dissipation. Protection Class I is maintained. The products are with high quality LED Source with low energy consumption which maintenance free and choice of color output.



The features of luminaires are such as long life, limited maintenance and constant lifetime performance, suitable for high efficiency long-life lamps available with different colour temperatures.

Wall Lighting

WALL LIGHTING

					
CORVUS P96	ACCENT P96	CALIBER P96	CANICULLA P98	TRIANGULI P98	TOPAZ P100
					
MICRO PIXEL P100	DUKES P100	MARRIOT P104	CANICULLA P98	MARRIOT M P98	CANDY P100
					
BEAK P102	DOUBLE BEAK P102	DOLBY P104	FACEPLATE P98	MARATHON P98	AUSTIN P108
					
FOTON P110	BARBIE P112	BOND P114	INDIGO P116	TOMFORD P98	
					
CEASER P106	VENUS P106				

CEILING LIGHTING

			
HELIOS S P118	P118	SARGON P120	X-02M P120



Due to continuous improvements, specifications may change without prior notice.

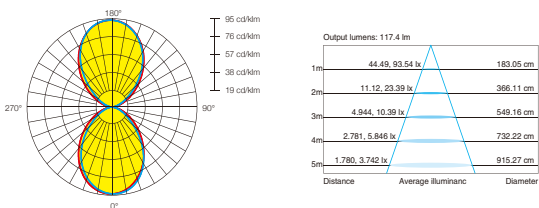




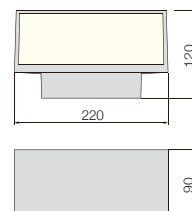
CORVUS

350mA/500mA/750mA

CORVUS A		8xLED CREE 9W 100V-240V 600lm 3000K/4200K
CORVUS B		18xLED SMD 9W 100V-240V 550lm 3000K/4200K
CORVUS C		G24d-3 26W Fluorescent 220V-230V

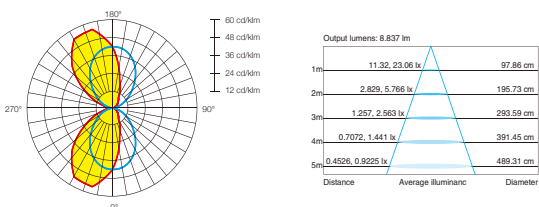


Material: Die-casting aluminum body.
 Finishing: Surface anti-ageing electrostatic spray processing.
 Internal box: 230x105x135
 External box: 285x245x230

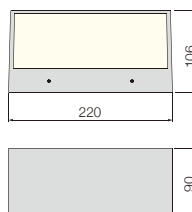


CORVUS M

CORVUS L		24xLED SMD 9W 100V-240V 500lm 3000K/4200K
CORVUS F		G24d-2 18W Fluorescent 220V-230V

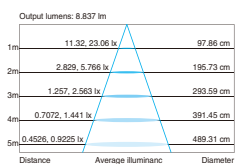


Material: Die-casting aluminum body.
 Finishing: Surface anti-ageing electrostatic spray processing.
 Internal box: 235x105x125
 External box: 330x250x270

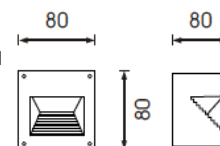


ACCENT

ACCENT		LED CREE 2W 100V-240V/DC 24V 160lm 3000K/4000K/6500K
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Material: Die-casting aluminum body. Asymmetrical
 Finishing: Surface anti-ageing electrostatic spray processing. Safety Glass lens Diffuser.
 Internal box: 80x80x80



Due to continuous improvements, specifications may change without prior notice.

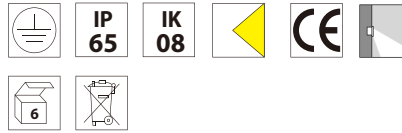
CALIBER

350mA/500mA/750mA



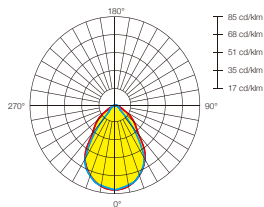
CALIBER L 9xLED CREE SMD 9W 100V-240V 675lm 3000K/4000K/6500K

CALIBER F G24d-3 26W Fluorescent 220V-230V

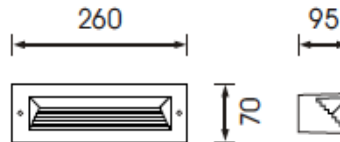


Material: Die-casting aluminum body, Asymmetrical
 Finishing: Surface anti-ageing electrostatic spray processing.
 Safety Glass lens Diffuser.

External box: 260 x 70 x 95



Distance	Average illuminance	Diameter
1m	22.25, 41.17 lx	147.24 cm
2m	5.562, 10.29 lx	294.48 cm
3m	2.472, 4.575 lx	441.73 cm
4m	1.391, 2.573 lx	588.97 cm
5m	0.8900, 1.647 lx	736.21 cm



Due to continuous improvements, specifications may change without prior notice.

CANICULLA



1xLED CREE 10W 100V-240V 1080lm 3000K/4000K/6500K

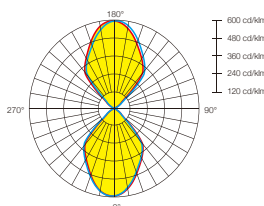
1xLED CREE 12W 100V-240V 2160lm 3000K/4000K/6500K

BEAM DEGREE NARROW | WIDE | BEAM ANGLE

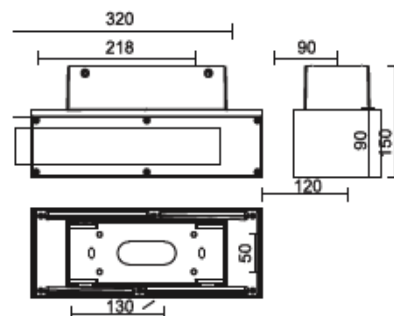


Material: Heavy Duty Die-casting aluminum body, Tempered
 Finishing: Glass Lens Diffuser. Surface anti-ageing electrostatic
 spray processing.

External box: 320x90x90



Distance	Average illuminance	Diameter
1m	2448, 3723 lx	36.68 cm
2m	611.9, 930.6 lx	73.35 cm
3m	272.0, 413.6 lx	110.03 cm
4m	153.0, 232.7 lx	146.70 cm
5m	97.91, 148.9 lx	183.38 cm





TRIANGULI

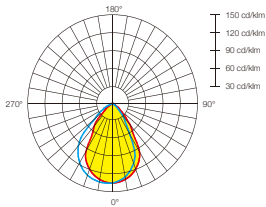
350mA/500mA/750mA

LED CREE SMD 7W 100V-240V 300lm 3000K/4000K/6500K

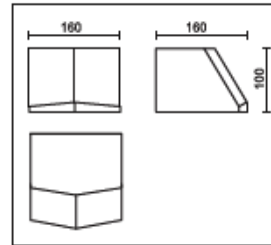
LED CREE SMD 18W 100V-240V 2160lm 3000K/4000K/6500K



Material: Heavy Duty Die-casting aluminum body, Tempered
 Finishing: Glass Lens Diffuser. Surface anti-ageing electrostatic
 spray processing.
 External box: 160x160x100



Distance	Average illuminance	Diameter
1m	78.18, 135.0 lx	135.76 cm
2m	19.54, 33.74 lx	271.52 cm
3m	8.686, 15.00 lx	407.28 cm
4m	4.886, 8.435 lx	543.03 cm
5m	3.127, 5.399 lx	678.79 cm

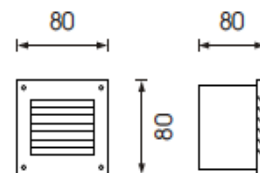


TOPAZ

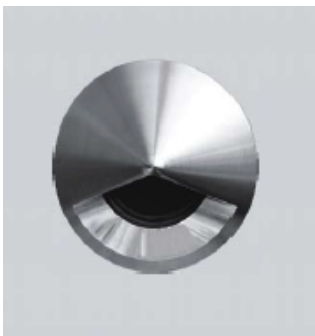
LED CREE 2W 100V-240V/DC 24V 1600lm 3000K/4000K/6500K



Material: Heavy Duty Die-casting aluminum body, Tempered
 Finishing: Glass Lens Diffuser. Surface anti-ageing electrostatic
 spray processing.
 External box: 80x 80 x80



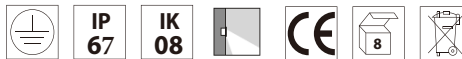
Due to continuous improvements, specifications may change without prior notice.



MICRO BALISE

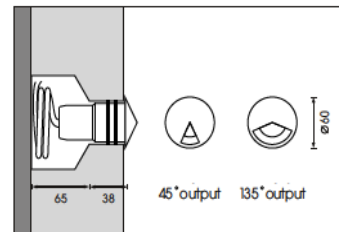
350mA/500mA/750mA

	6xLED CREE 7W 100V-240V 480lm 3000K/4000K/6500K
	24xLED SMD 9W 100V-240V 550lm 3000K/4000K/6500K



Material: Stainless Steel Frame. Asymmetrical Die-casting aluminum Housing extruded aluminum body. Tempered Glass Lens Diffuser. Surface anti-ageing electrostatic spray

External box: 60mm dia



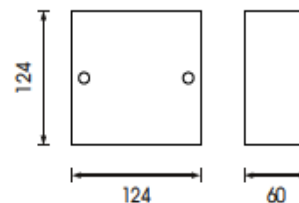
MICRO JET

	1xLED CREE 1W 100V-240V 75lm 3000K/4000K/6500K
	1xLED CREE 2W 100V-240V 160lm 3000K/4000K/6500K
	1xLED CREE 3W 100V-240V 225lm 3000K/4000K/6500K



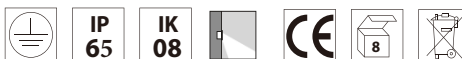
Material: Die-casting aluminum body. Tempered Glass Lens Diffuser. Surface anti-ageing electrostatic spray

External box: 124X124X60mm



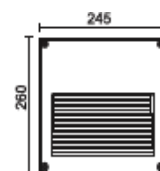
MERLINE

	10LED CREE 16W 100V-240V 1200lm 3000K/4000K/6500K
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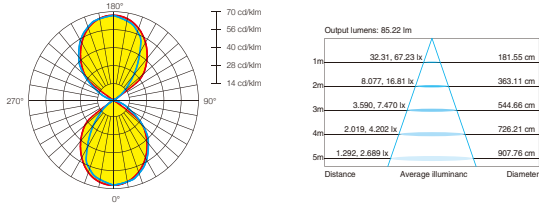


Material: Heavy Duty Die-casting aluminum body. Asymmetrical. Tempered Glass Lens Diffuser. Surface anti-ageing electrostatic spray

External box: 245X245X118mm



Due to continuous improvements, specifications may change without prior notice.



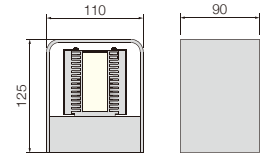
BOLT

350mA/500mA/750mA

	6xLED CREE 7W 100V-240V 480lm 3000K/4200K
	24xLED SMD 9W 100V-240V 550lm 3000K/4200K



Material: Die-casting aluminum body, extruded aluminum body.
 Finishing: Surface anti-ageing electrostatic spray processing.
 Internal box: 165x120x100
 External box: 340x250x215



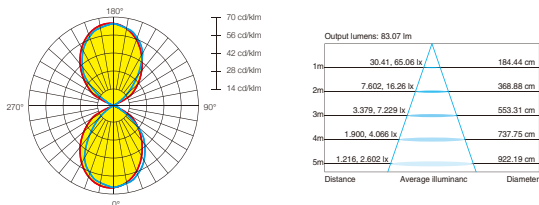
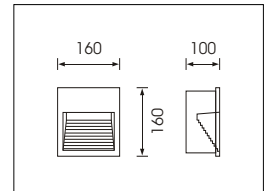
MARRIOT M

	8xLED CREE 8W 100V-240V 560lm 3000K/4000K/6500K
	4xLED CREE 4W 100V-240V 280lm 3000K/4000K/6500K



Material: Heavy Duty Die-casting aluminum body, Asymmetrical.
 Finishing: Glass lens diffuser. Surface anti-ageing electrostatic spray processing.

External box: 160x160x100

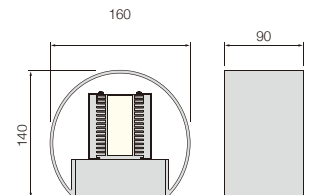


CANDY

	6xLED CREE 7W 100V-240V 480lm 3000K/4200K
	24xLED SMD 9W 100V-240V 550lm 3000K/4200K



Material: Die-casting aluminum body, extruded aluminum body.
 Finishing: Surface anti-ageing electrostatic spray processing.
 Internal box: 175x170x105
 External box: 360x350x215



Due to continuous improvements, specifications may change without prior notice.



ARCHITECTURE



AMBIENCE



ENTERTAINMENT



MUSEUM



LANDSCAPE



CITY



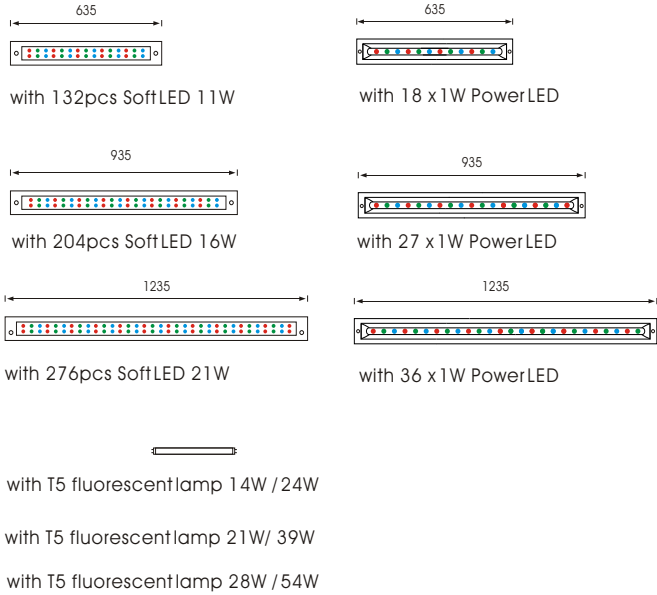
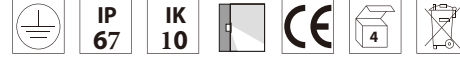
Due to continuous improvements, specifications may change without prior notice.



FACEPLATE

350mA/500mA/750mA

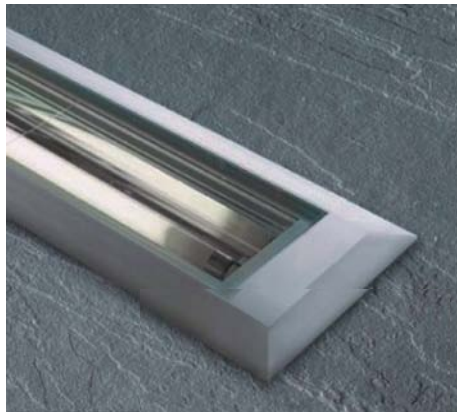
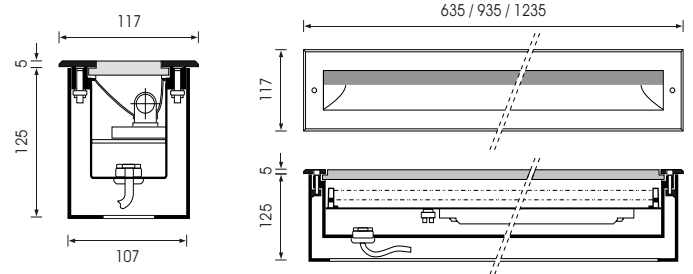
- 18xLED CREE/SMD 18W 100V-240V 1260lm 3000K/4000K/6500K
- 27xLED CREE/SMD 27W 100V-240V 1800lm 3000K/4000K/6500K
- 36xLED CREE/SMD 36W 100V-240V 2520lm 3000K/4000K/6500K



Material: 304/316 Marine Grade Stainless Steel. Heavy Duty Die-casting aluminum body and recessing box. Toughned Glass 12mm Lens Diffuser. Anodised Asymmetrical Reflector.

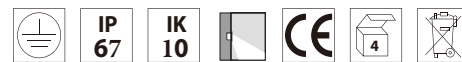
Finishing: Surface anti-ageing electrostatic spray processing.

Wall Recessed or Inground Drive over.



MARATHON

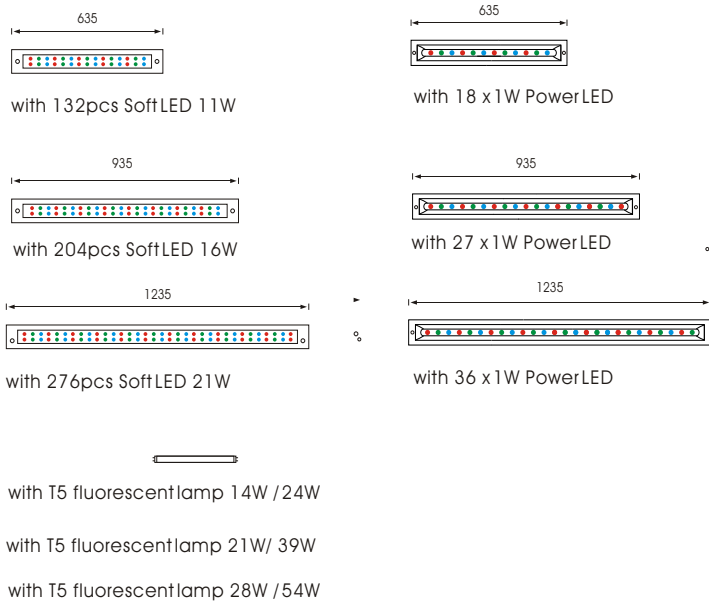
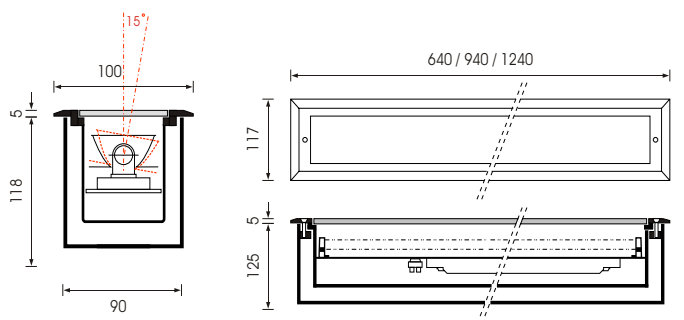
- 18xLED CREE/SMD 18W 100V-240V 1260lm 3000K/4000K/6500K
- 27xLED CREE/SMD 27W 100V-240V 1800lm 3000K/4000K/6500K
- 36xLED CREE/SMD 36W 100V-240V 2520lm 3000K/4000K/6500K



Material: 304/316 Marine Grade Stainless Steel. Heavy Duty Die-casting aluminum body and recessing box. Toughned Glass 12mm Lens Diffuser. Anodised Asymmetrical Reflector.

Finishing: Surface anti-ageing electrostatic spray processing.

Wall Recessed or Inground Drive over.

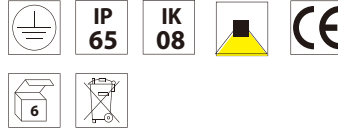


Due to continuous improvements, specifications may change without prior notice.

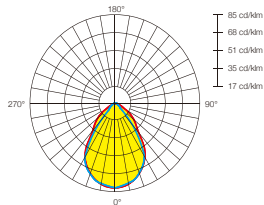
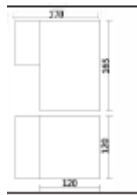
TOMFORD S

350mA/500mA/750mA

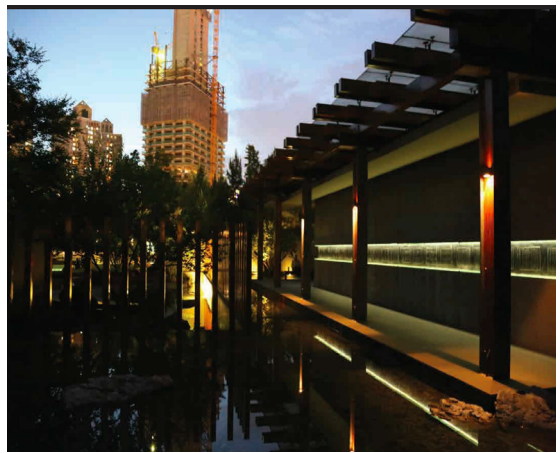
1xLED CREE 4W 100V-240V 340lm 3000K/4000K/6500K



Material: Die-casting aluminum body, Single Direction Surface anti-ageing
 Finishing: electrostatic spray processing. Tempered Glass lens Diffuser. Anodised aluminium reflector
 External box: 260 x 70 x 95



Distance	Average Illuminance	Diameter
1m	22.25, 41.17 lx	147.24 cm
2m	5.562, 10.29 lx	294.48 cm
3m	2.472, 4.575 lx	441.73 cm
4m	1.391, 2.573 lx	588.97 cm
5m	0.8900, 1.647 lx	736.21 cm



Due to continuous improvements, specifications may change without prior notice.

TOMFORD M

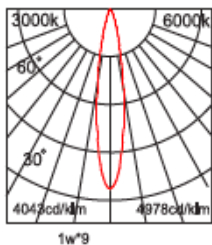
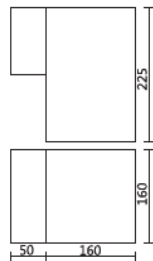
1xLED CREE 10W 100V-240V 960lm 3000K/4000K/6500K

1xLED CREE 15W 100V-240V 132lm 3000K/4000K/6500K

BEAM DEGREE NARROW | WIDE | BEAM ANGLE

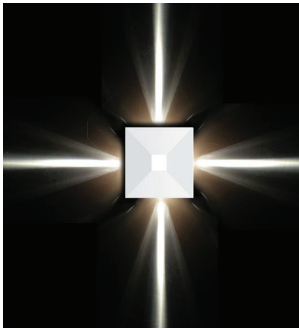


Material: Heavy Duty Die-casting aluminum body, Tempered Glass Lens Diffuser. Surface anti-ageing electrostatic spray processing.
 External box: 320x90x90



Ø(m)	h(m)	E(lx) 6000k	E(lx) 3000k
1.88	6	69	48
1.25	4	155	107
0.93	3	276	190
0.62	2	620	428
0.32	1	2478	1709





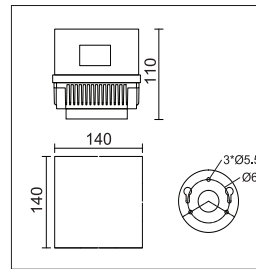
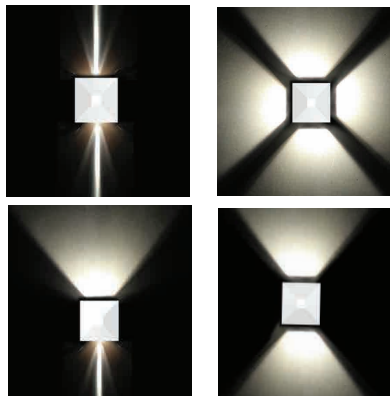
ONIDA

350mA/500mA/750mA

	LED CREE	4W	100V-240V	220lm	3000K/4000K/6500K
	LED CREE	6W	100V-240V	440lm	3000K/4000K/6500K
	LED CREE	11W	100V-240V	880lm	3000K/4000K/6500K



Material: Heavy Duty Die-casting aluminum body, Tempered
 Finishing: Glass Lens Diffuser. Surface anti-ageing electrostatic
 spray processing.
 External box: 140x140x110

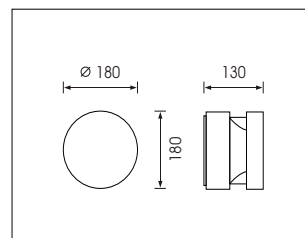
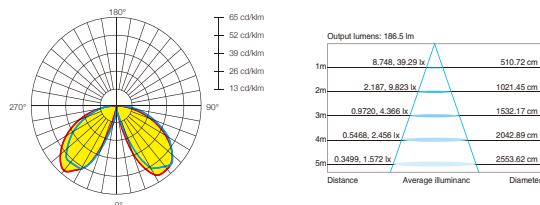


DORITOS

	LED EPISTAR SMD	12W	100V-240V	720lm	3000K/4000K/6500K
	LED EPISTAR SMD	20W	100V-240V	1200lm	3000K/4000K/6500K

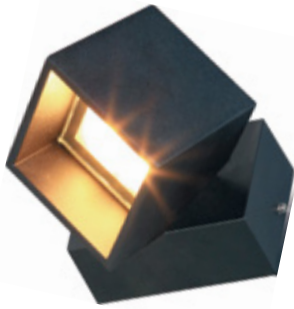


Material: Heavy Duty Die-casting aluminum body, UV
 Finishing: Resistant PMMA Lens Diffuser. Surface anti-ageing
 electrostatic spray processing.
 External box: 180mm dia x 130mm





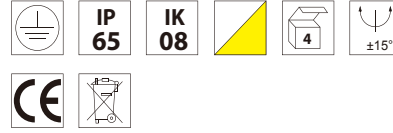
Due to continuous improvements, specifications may change without prior notice.



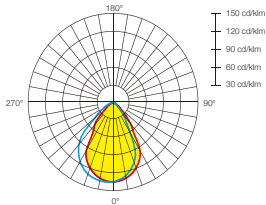
BEAK

350mA/500mA/750mA

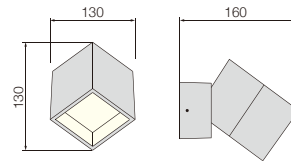
	5xLED CREE 6W 100V-240V 420lm 3000K/4200K
	18xLED SMD 8W 100V-240V 500lm 3000K/4200K



Material: Die-casting aluminum body.
 Finishing: Surface anti-ageing electrostatic spray processing.
 Internal box: 137×137×170
 External box: 285×285×185

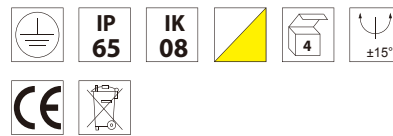


Distance	Average Illuminance	Diameter
1m	78.18, 135.0 lx	136.76 cm
2m	19.54, 33.74 lx	271.52 cm
3m	8.686, 15.00 lx	407.28 cm
4m	4.886, 8.435 lx	543.03 cm
5m	3.127, 5.399 lx	678.79 cm

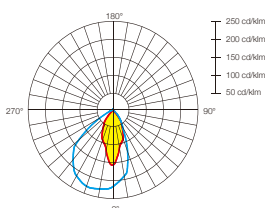


DOUBLE BEAK

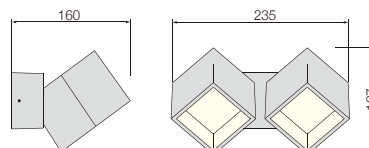
	10xLED CREE 12W 100V-240V 840lm 3000K/4200K
	36xLED SMD 16W 100V-240V 1000lm 3000K/4200K



Material: Die-casting aluminum body.
 Finishing: Surface anti-ageing electrostatic spray processing.
 Internal box: 242×137×170
 External box: 285×255×355



Distance	Average Illuminance	Diameter
1m	93.18, 190.1 lx	89.08 cm
2m	23.29, 47.53 lx	178.17 cm
3m	10.35, 21.12 lx	267.25 cm
4m	5.824, 11.88 lx	356.34 cm
5m	3.727, 7.604 lx	445.42 cm



Due to continuous improvements, specifications may change without prior notice.



ARCHITECTURE



AMBIENCE



ENTERTAINMENT



MUSEUM



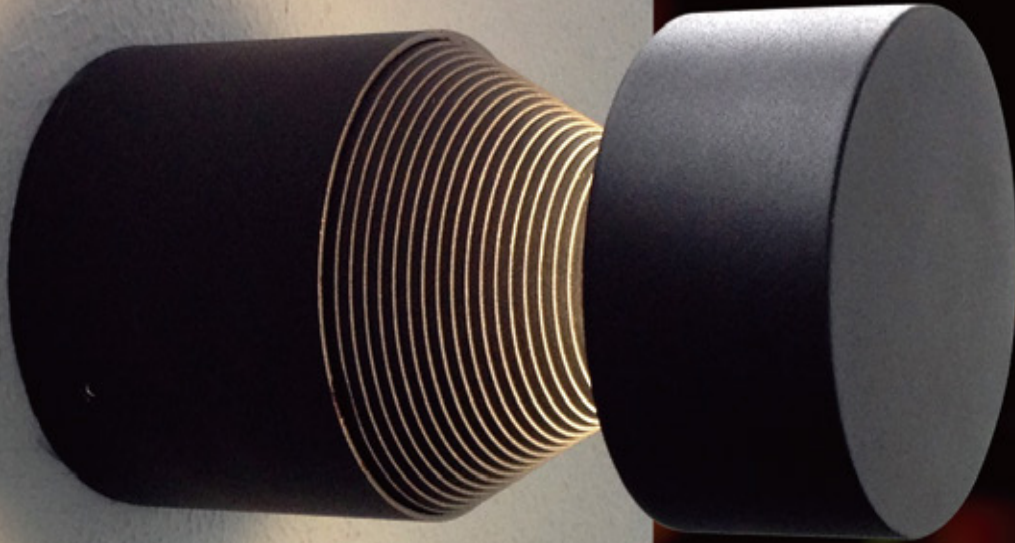
LANDSCAPE



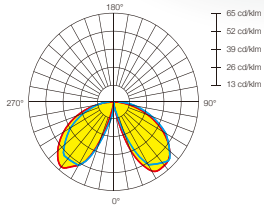
CITY



HOME



Due to continuous improvements, specifications may change without prior notice.



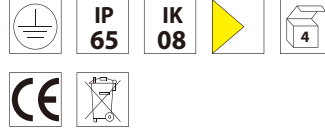
Output lumens: 186.5 lm

Distance	Average illuminance	Diameter
1m	8.748, 39.29 lx	510.72 cm
2m	2.187, 9.823 lx	1021.45 cm
3m	0.9720, 4.366 lx	1532.17 cm
4m	0.5468, 2.456 lx	2042.89 cm
5m	0.3499, 1.572 lx	2553.62 cm

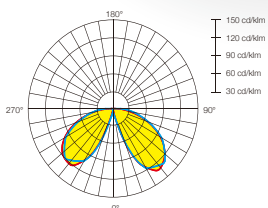
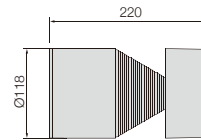
DOLBY

350mA/500mA/750mA

	9xLED CREE 10W 100V-240V 620lm 3000K/4200K
	42xLED SMD 9W 100V-240V 600lm 3000K/4200K



Material: Die-casting aluminum body, extruded aluminum body.
 Finishing: Surface anti-ageing electrostatic spray processing.
 Internal box: 205×105×150
 External box: 315×225×220

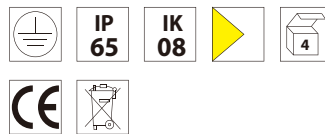


Output lumens: 402.7 lm

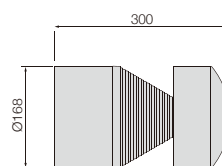
Distance	Average illuminance	Diameter
1m	15.20, 77.86 lx	575.93 cm
2m	3.800, 19.46 lx	1151.86 cm
3m	1.889, 8.651 lx	1727.79 cm
4m	0.9499, 4.866 lx	2303.71 cm
5m	0.6079, 3.114 lx	2879.64 cm

DOLBY M

	12xLED CREE 15W 100V-240V 1000lm 3000K/4200K
	36xLED SMD 15W 100V-240V 1000lm 3000K/4200K



Material: Die-casting aluminum body, extruded aluminum body.
 Finishing: Surface anti-ageing electrostatic spray processing.
 Internal box: 180×180×320
 External box: 375×375×340





ARCHITECTURE



SCIENCE



ENTERTAINMENT



MUSEUM



LANDSCAPE



CITY



LIVE



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AUSTIN S



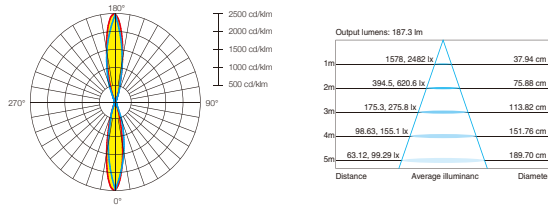
350mA/500mA/750mA

4xLED CREE 9W 100V-240V 580lm 3000K/4200K

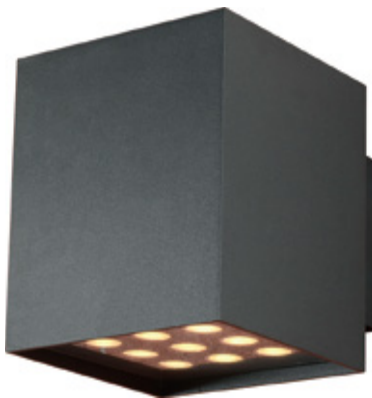
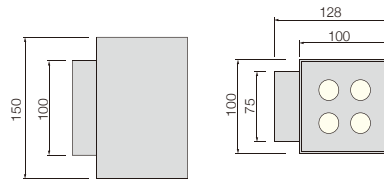
AUSTIN SD



8xLED CREE 18W 100V-240V 1160lm 3000K/4200K



Material: Die-casting aluminum body, extruded aluminum body. Surface anti-ageing electrostatic spray processing. Tempered Glass Lens Diffuser.
 Finishing: 140x110x165
 Internal box: 140x110x165
 External box: 345x290x350



AUSTIN M

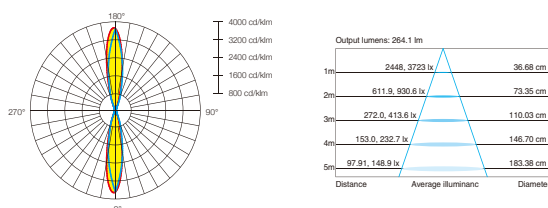


9xLED CREE 20W 100V-240V 1360lm 3000K/4200K

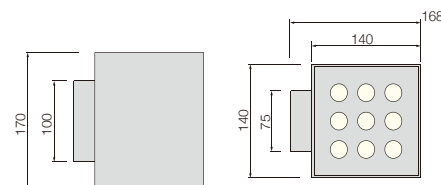
AUSTIN MD



18xLED CREE 40W 100V-240V 2720lm 3000K/4200K



Material: Die-casting aluminum body, extruded aluminum body. Tempered Glass Lens Diffuser. Surface anti-ageing electrostatic spray processing.
 Finishing: 175x150x185
 Internal box: 175x150x185
 External box: 370x320x390



Due to continuous improvements, specifications may change without prior notice.



Due to continuous improvements, specifications may change without prior notice.



FOTON S



350mA/500mA/750mA

1xLED COB 12W 100V-240V 1040lm 3000K/4200K

FOTON D



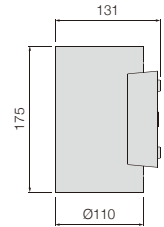
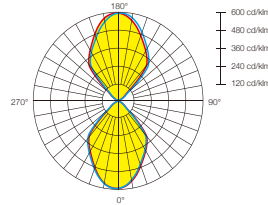
2xLED COB 20W 100V-240V 1668lm 3000K/4200K



Material: Die-casting aluminum body, extruded aluminum body. Surface anti-Finishing: ageing electrostatic spray processing. Tempered Glass lens Diffuser
Internal box: 185x120x145
External box: 255x200x310



Three Color's reflector be option



FOTON M



1xLED COB 20W 100V-240V 1950lm 3000K/4200K

FOTON MD



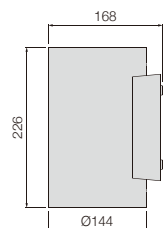
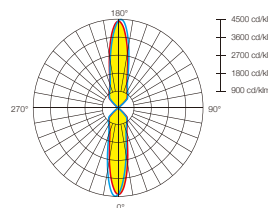
2xLED COB 40W 100V-240V 3800lm 3000K/4200K



Material: Die-casting aluminum body, extruded aluminum body. Surface anti-Finishing: ageing electrostatic spray processing. Tempered Glass lens Diffuser
Internal box: 235x155x185
External box: 385x250x330



Three Color's reflector be option



Due to continuous improvements, specifications may change without prior notice.



ARCHITECTURE



AMBIENCE



ENTERTAINMENT



MUSEUM



LANDSCAPE



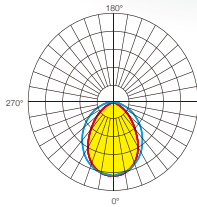
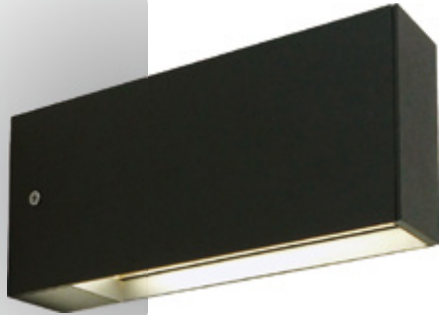
CITY



LIVE



Due to continuous improvements, specifications may change without prior notice.



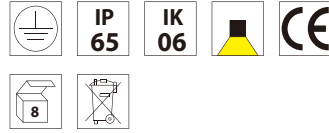
200 cd/km
160 cd/km
120 cd/km
80 cd/km
40 cd/km

Output lumens: 193.2 lm

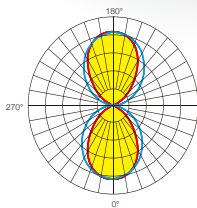
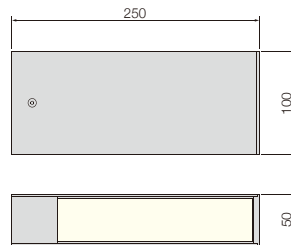
Distance	Average illuminance	Diameter
1m	87.35, 166.5 lx	165 cm
2m	21.84, 41.62 lx	330 cm
3m	9.706, 18.50 lx	495 cm
4m	5.460, 10.41 lx	660 cm
5m	3.494, 6.659 lx	825 cm

BARBIE

48xLED SMD 6W 100V-240V 450lm 3000K/4200K



Material: Die-casting aluminum body, extruded aluminum body
PC diffuser.
Finishing: Surface anti-ageing electrostatic spray processing.
Internal box: 255x108x58
External box: 270x230x255



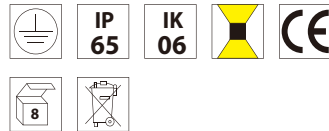
200 cd/km
160 cd/km
120 cd/km
80 cd/km
40 cd/km

Output lumens: 193.2 lm

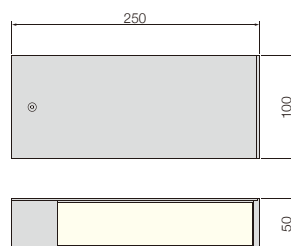
Distance	Average illuminance	Diameter
1m	87.35, 166.5 lx	165 cm
2m	21.84, 41.62 lx	330 cm
3m	9.706, 18.50 lx	495 cm
4m	5.460, 10.41 lx	660 cm
5m	3.494, 6.659 lx	825 cm

BARBIE M

96xLED SMD 12W 100V-240V 900lm 3000K/4200K



Material: Die-casting aluminum body, extruded aluminum body
PC diffuser.
Finishing: Surface anti-ageing electrostatic spray processing.
Internal box: 255x108x58
External box: 270x230x125





ARCHITECTURE



AMBIENCE



ENTERTAINMENT



MUSEUM



LANDSCAPE



CITY



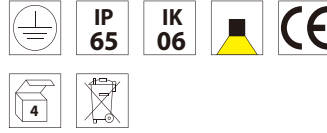
LIVE

without prior notice.

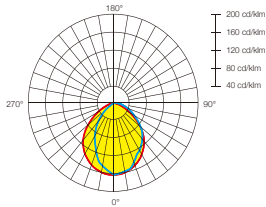


BOND

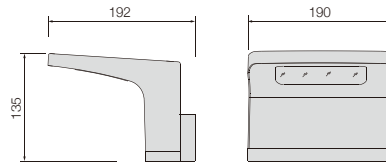
60xLED SMD 9W 100V-240V 720lm 3000K/4200K



Material: Die-casting aluminum body, PMMA diffuser.
 Finishing: Surface anti-ageing electrostatic spray processing.
 Internal box: 200x200x160
 External box: 410x210x335



Distance	Average illuminanc	Diameter
1m	26.87, 68.95 lx	230.24 cm
2m	6.718, 17.24 lx	460.49 cm
3m	2.986, 7.661 lx	690.73 cm
4m	1.679, 4.309 lx	920.97 cm
5m	1.075, 2.758 lx	1151.22 cm



BOND S

60xLED SMD 9W 100V-240V 720lm 3000K/4200K



SENSOR

Time

10s-8min

Sens

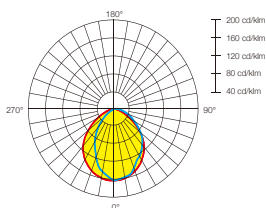
0-8M

180°

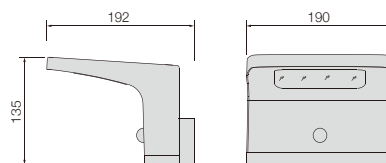
25°C

0-8meter

Material: Die-casting aluminum body, PMMA diffuser.
 Finishing: Surface anti-ageing electrostatic spray processing.
 Internal box: 200x200x160
 External box: 410x210x335



Distance	Average illuminanc	Diameter
1m	26.87, 68.95 lx	230.24 cm
2m	6.718, 17.24 lx	460.49 cm
3m	2.986, 7.661 lx	690.73 cm
4m	1.679, 4.309 lx	920.97 cm
5m	1.075, 2.758 lx	1151.22 cm

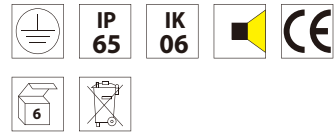




Due to continuous improvements, specifications may change without prior notice.

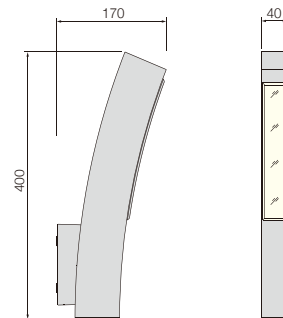
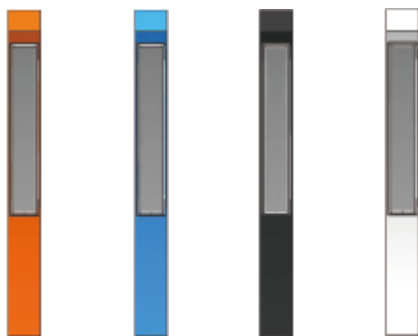
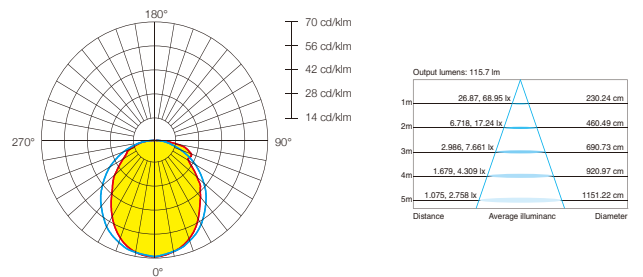
INDIGO

76xLED SMD 9W 230V±10% 560lm 3000K/4200K



Description

Material: Die-casting aluminum body, extruded aluminum body
 PC diffuser.
 Finishing: Surface anti-ageing electrostatic spray processing.
 Internal box: 175x55x410
 External box: 420x360x180



Due to continuous improvements, specifications may change without prior notice.

CEILING LIGHTING



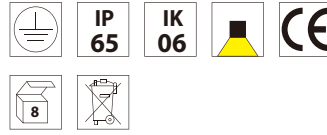
Due to continuous improvements, specifications may change without prior notice.



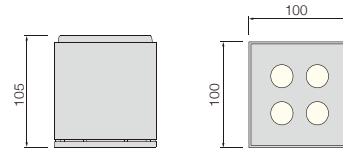
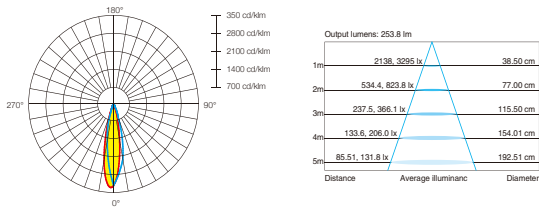
HELIOS S

350mA/500mA/750mA

4xLED CREE 12W 100V-240V 920lm 3000K/4200K

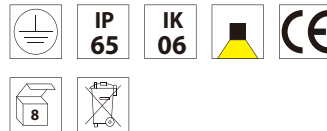


Material: Die-casting aluminum body, extruded aluminum body.
 Finishing: Surface anti-ageing electrostatic spray processing.
 Internal box: 110x110x120
 External box: 230x230x260

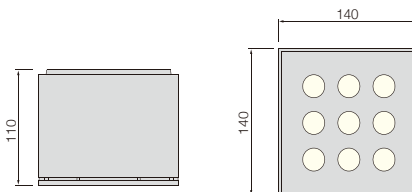
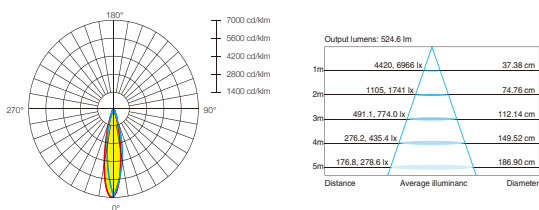


HELIOS M

9xLED CREE 27W 100V-240V 1800lm 3000K/4200K



Material: Die-casting aluminum body, extruded aluminum body.
 Finishing: Surface anti-ageing electrostatic spray processing.
 Internal box: 150x150x125
 External box: 320x320x270





ARCHITECTURE



AMBIENCE



ENTERTAINMENT



MUSEUM



LANDSCAPE



CITY



LIVE



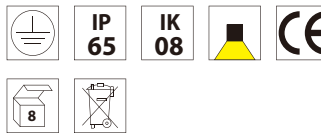
Due to continuous improvements, specifications may change without prior notice.



SARAGON S

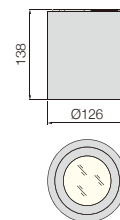
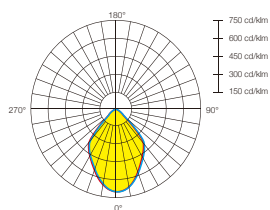
350mA/500mA/750mA

1xLED COB CREE 12W 100V-240V 1040lm 3000K/4200K



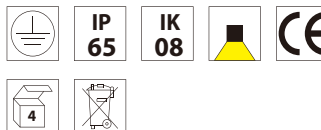
Three Color's reflector be option

Material: Die-casting aluminum body, extruded aluminum body.
Finishing: Surface anti-ageing electrostatic spray processing.
Internal box: 135×135×155
External box: 285×285×335



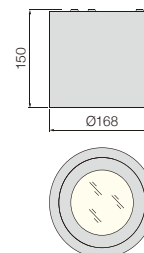
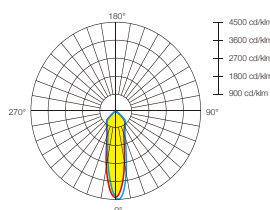
SARAGON M

1xLED COB CREE 40W 100V-240V 3800lm 3000K/4200K



Three Color's reflector be option

Material: Die-casting aluminum body, extruded aluminum body.
Finishing: Surface anti-ageing electrostatic spray processing.
Internal box: 180×180×165
External box: 375×195×350



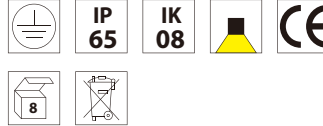


SCORPIAN

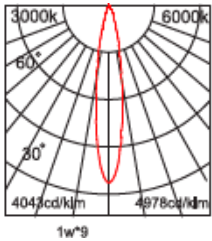
350mA/500mA/750mA

- LED CREE 11W 100V-240V 675lm 3000K/4000K/6500K
- LED CREE 15W 100V-240V 1320lm 3000K/4000K/6500K
- LED CREE 24W 100V-240V 1980lm 3000K/4000K/6500K

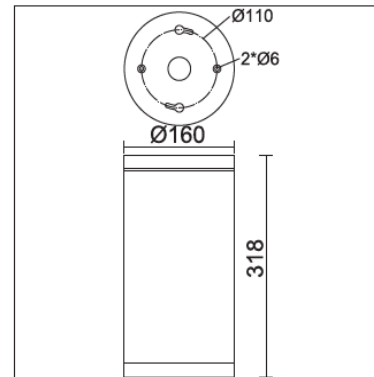
BEAM DEGREE NARROW | WIDE | BEAM ANGLE



Material: Die-casting aluminum body, Asymmetrical
 Finishing: Surface anti-ageing electrostatic spray processing.
 Safety Glass lens Diffuser.
 External box: 318 X 160



Ø(m)	h(m)	E(lx) 6000k	E(lx) 3000k
1.88	6	69	48
1.25	4	155	107
0.93	3	276	190
0.62	2	620	428
0.32	1	2478	1709



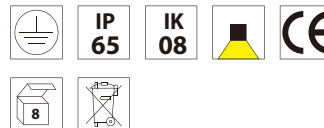
Due to continuous improvements, specifications may change without prior notice.



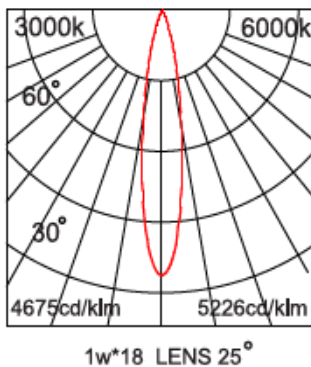
DOLBY

- 1xLED CREE 11W 100V-240V 1080lm 3000K/4000K/6500K
- 1xLED CREE 15W 100V-240V 1320lm 3000K/4000K/6500K
- 1 xLED CREE 24W 100V-240V 1980lm 3000K/4000K/6500K

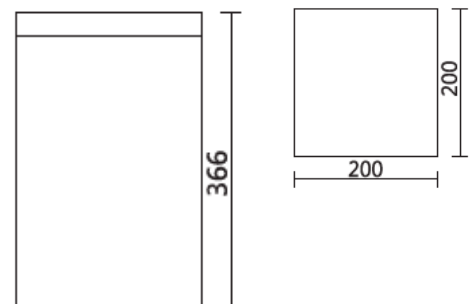
BEAM DEGREE NARROW | WIDE | BEAM ANGLE



Material: Heavy Duty Die-casting aluminum body, Tempered
 Finishing: Glass Lens Diffuser. Surface anti-ageing electrostatic
 spray processing.
 External box:



Ø(m)	h(m)	E(lx) 6000k	E(lx) 3000k
1.87	6	126	111
1.25	4	284	250
0.93	3	505	443
0.62	2	1135	999
0.31	1	4536	3993





CAPTAIN

350mA/500mA/750mA

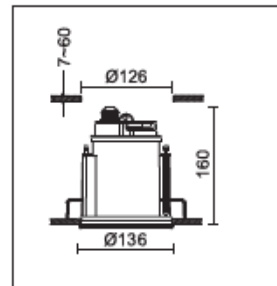
LED CREE 8W 100V-240V 780lm 3000K/4000K/6500K

LED CREE 11W 100V-240V 1120lm 3000K/4000K/6500K

BEAM DEGREE NARROW | WIDE | BEAM ANGLE



Material: Heavy Duty Die-casting aluminum body, Tempered Glass Lens Diffuser. Surface anti-ageing electrostatic spray processing.
 External box: 160x136x126



VULTURE

LED COB CREE 20W 100V-240V 1800lm 3000K/4000K/6500K

LED COB CREE 28W 100V-240V 2745lm 3000K/4000K/6500K

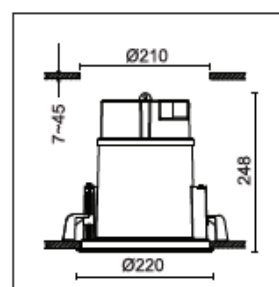
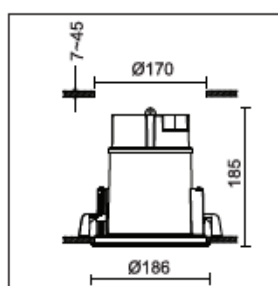
LED COB CREE 36W 100V-240V 3370lm 3000K/4000K/6500K

LED COB CREE 48W 100V-240V 4240lm 3000K/4000K/6500K

BEAM DEGREE NARROW | WIDE | BEAM ANGLE



Material: Heavy Duty Die-casting aluminum body, Tempered Glass Lens Diffuser. Surface anti-ageing electrostatic spray processing.
 External box: 80x 80 x80



Due to continuous improvements, specifications may change without prior notice.



Bollard Lighting

BOLLARD LIGHTING



DRAGON A P124



DRAGON B P124



CANOPUS P126



ALTAIR P126



AVIOR P128



CROCK P128



GALAXY P130



TROZAN P130



CASIO P132



LEGEND P134



ARIES P136



COLUMBUS P138

Due to continuous improvements, specifications may change without prior notice.



ARCHITECTURE



AMBIENCE



ENTERTAINMENT



MUSEUM



LANDSCAPE



CITY



LIVE

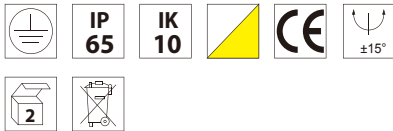


Due to continuous improvements, specifications may change without prior notice.

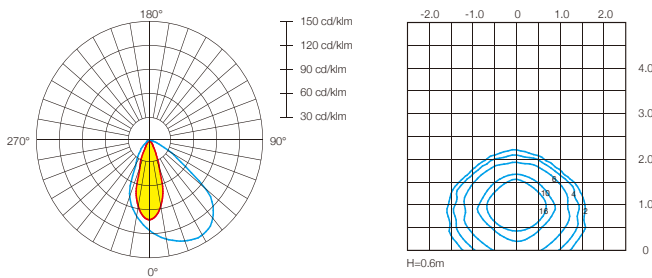
DRAGON

Description

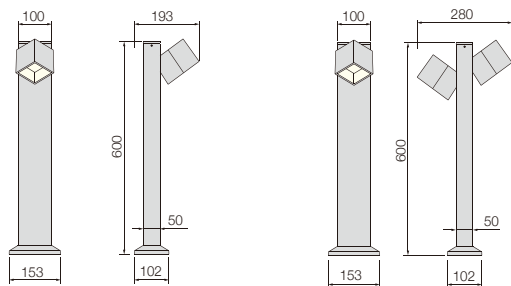
Material: Die-casting aluminum body, extruded aluminum pole.
 Finishing: Surface anti-ageing electrostatic spray processing.
 Optical system: Super white tempered glass.



Photometric Data



Dimensions



D-12

D-12D



Due to continuous improvements, specifications may change without prior notice.

Technology Data

Code	Lamp	Input voltage	Output power	LED Pcs	Lumen	N.W.(kg)	G.W.(kg)
D-12LED-A	CREE XBD	100V-240V	6W	5	400	2.3	6.0
D-12LED-B	SMD, With driver	100V-240V	8W	18	460	2.3	6.0
D-12DLED-A	CREE XBD	100V-240V	12W	10	800	2.8	7.0
D-12DLED-B	SMD, With driver	100V-240V	16W	36	920	2.8	7.0



ARCHITECTURE



AMBIENCE



ENTERTAINMENT



MUSEUM



LANDSCAPE



CITY



LIVE

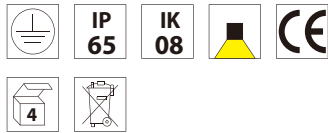


Due to continuous improvements, specifications may change without prior notice.

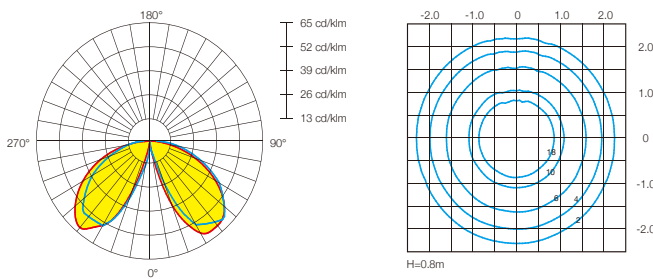
CANOPUS-13/13A

Description

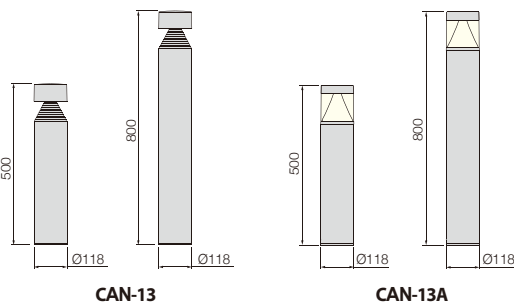
Material: Die-casting aluminum cover extruded aluminum pole.
 Finishing: Surface anti-ageing electrostatic spray processing.
 Optical system: PUV Resistant MMA diffuser.



Photometric Data



Dimensions



Due to continuous improvements, specifications may change without prior notice.

Technology Data

Code	Lamp	Input voltage	Output power	LED Pcs	Lumen	N.W.(kg)	G.W.(kg)
CAN-13-H50A	CREE XBD	100V-240V	10W	9	650	2.2	10.5
CAN-13-H50B	SMD, With driver	100V-240V	10W	42	600	2.2	10.5
CAN-13-H80A	CREE XBD	100V-240V	10W	9	650	2.8	13.5
CAN-13-H80B	SMD, With driver	100V-240V	10W	42	600	2.8	13.5
CAN-13A-H50B	SMD, With driver	100V-240V	12W	56	800	2.2	10.5
CAN-13A-H80B	SMD, With driver	100V-240V	12W	56	800	2.8	13.5

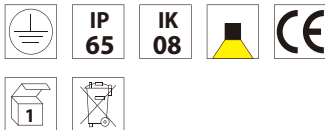


Due to continuous improvements, specifications may change without prior notice.

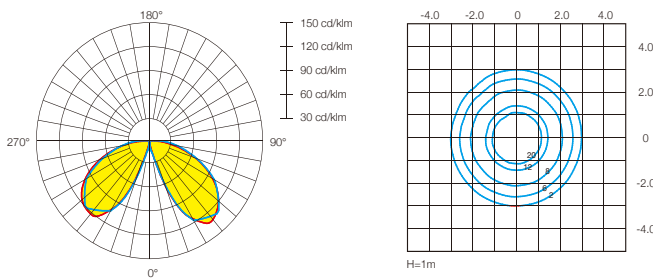
ALTAIR-13B/13BS

Description

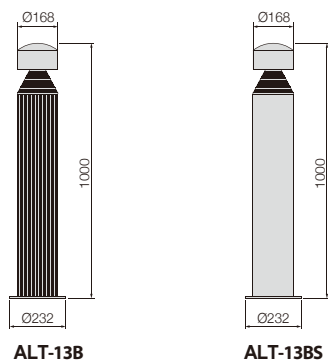
Material: Die-casting aluminum body, extruded aluminum pole.
 Finishing: Surface anti-ageing electrostatic spray processing.
 Optical system: PMMA diffuser.



Photometric Data



Dimensions



Due to continuous improvements, specifications may change without prior notice.

Technology Data

Code	Lamp	Input voltage	Output power	LED Pcs	Lumen	N.W.(kg)	G.W.(kg)
ALT 13B-A	CREE XBD	100V-240V	25W	12	1500	6.0	7.8
ALT-13B-B	SMD, With driver	100V-240V	25W	54	1700	6.0	7.8
ALT-13BS-A	CREE XBD	100V-240V	25W	12	1500	6.0	7.8
ALT-13BS-B	SMD, With driver	100V-240V	25W	54	1700	6.0	7.8

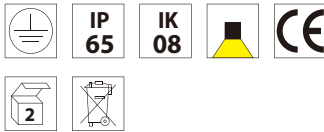


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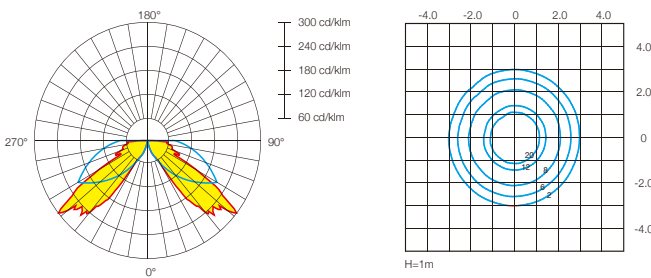
AVIOR-14/14E

Description

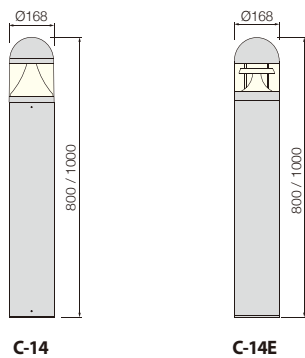
Material: Die-casting aluminum cover extruded aluminum pole.
 Finishing: Surface anti-ageing electrostatic spray processing.
 Optical system: PMMA diffuser.



Photometric Data



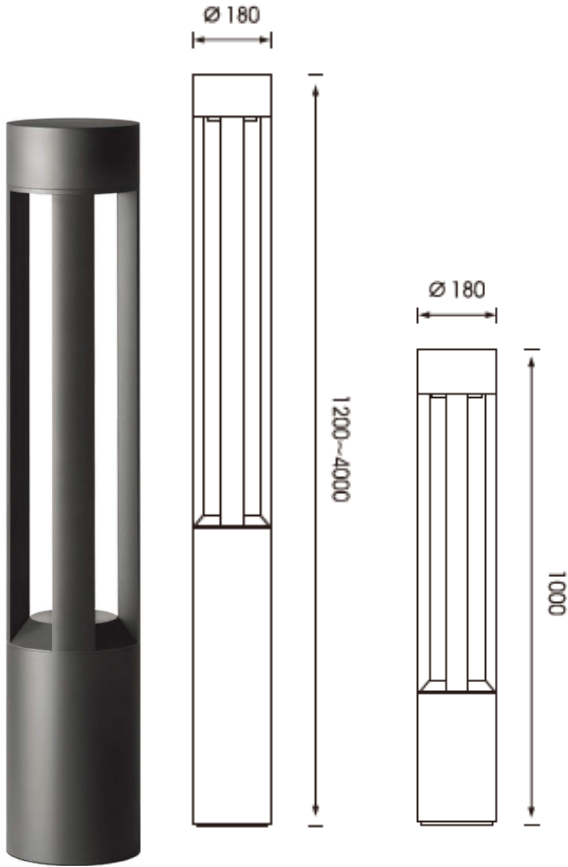
Dimensions



Due to continuous improvements, specifications may change without prior notice.

Technology Data

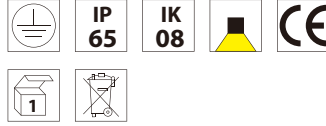
Code	Lamp	Input voltage	Output power	LED Pcs	Lumen	N.W.(kg)	G.W.(kg)
C-14LED-H80	SMD, With driver	100V-240V	25W	132	1650	5.8	13.0
C-14LED-H100	SMD, With driver	100V-240V	25W	132	1650	6.5	14.5
C-14E-H80	Fluorescent	230V±10%	26W	TC DEL	/	5.8	13.0
C-14E-H100	Fluorescent	230V±10%	26W	TC DEL	/	6.5	14.5



CROCK

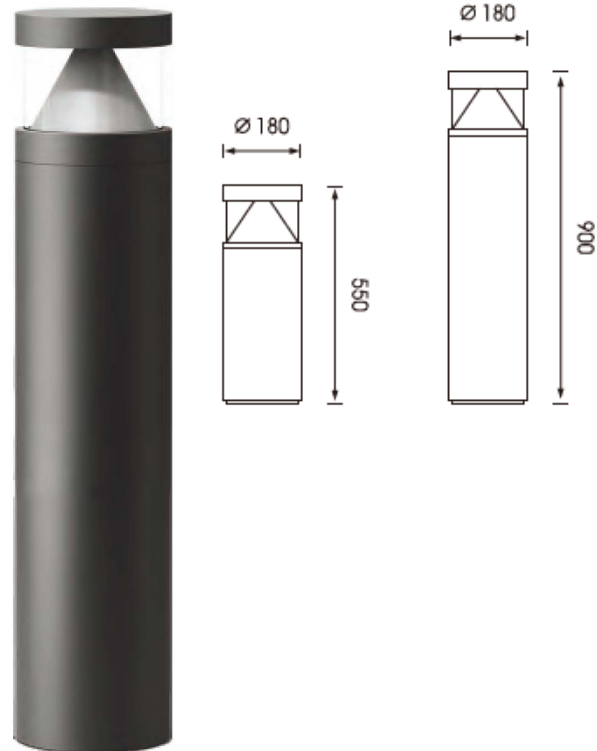
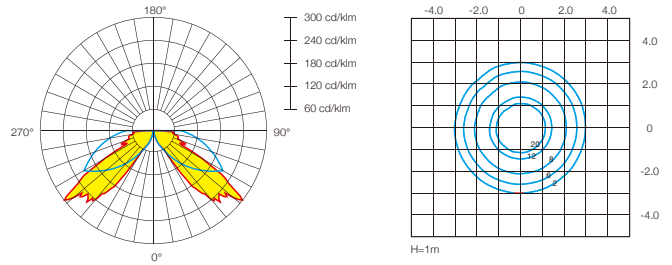
350mA/500mA/750mA

- LED CREE COB 16W 100V-240V 1440lm 3000K/4000K/6500K
- LED CREE COB 26W 100V-240V 2340lm 3000K/4000K/6500K
- LED CREE COB 48W 100V-240V 4600lm 3000K/4000K/6500K



Material: Heavy Duty Die-casting aluminum body, Radial 360 degree illumination. Tempered Glass lens diffuser. Surface anti-ageing electrostatic spray processing.

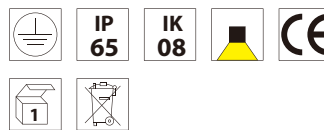
Photometric Data



GALAXY

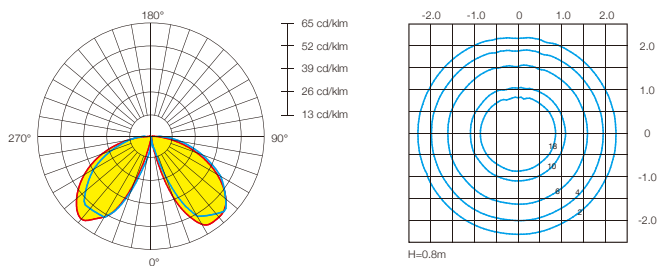
350mA/500mA/750mA

- LED EPISTAR SMD 20W 100V-240V 1400lm 3000K/4000K/6500K

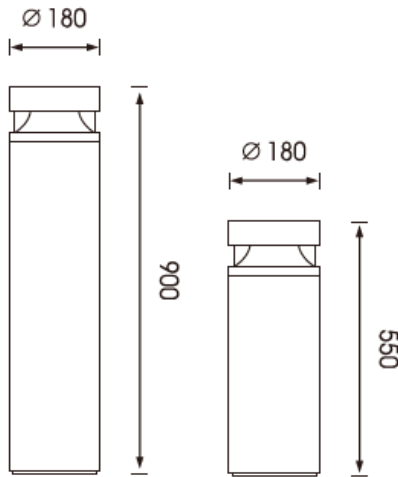


Material: Heavy Duty Die-casting aluminum body, Radial 360 degree illumination. UV resistant PMMA diffuser. Surface anti-ageing electrostatic spray processing.

Photometric Data



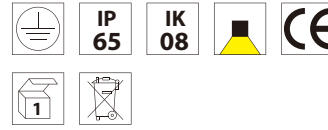
Due to continuous improvements, specifications may change without prior notice.



TROZAN

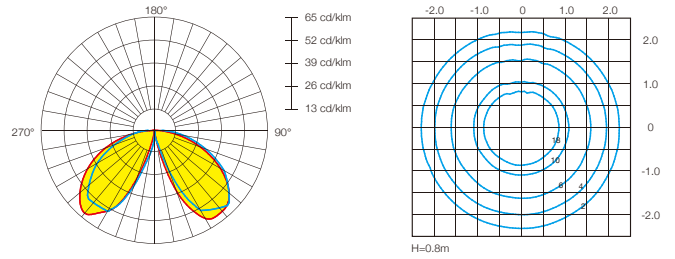
350mA/500mA/750mA

LED EPISTAR SMD 20W 100V-240V 1400lm 3000K/4000K/6500K



Material: Heavy Duty Die-casting aluminum body, Radial 360 degree illumination. UV resistant PMMA diffuser. Surface anti-ageing electrostatic spray processing.

Photometric Data



Due to continuous improvements, specifications may change without prior notice.

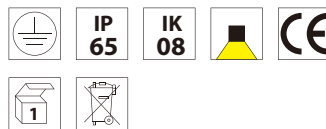


CASIO

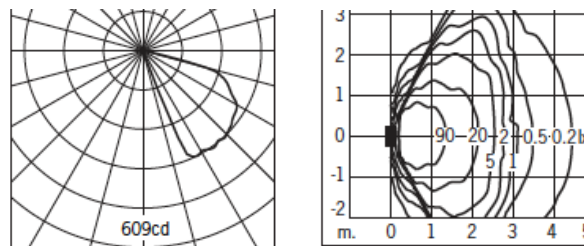
350mA/500mA/750mA

LED CREE 15W 100V-240V 1400lm 3000K/4000K/6500K

LED CREE 25W 100V-240V 2400lm 3000K/4000K/6500K



Material: Heavy Duty Die-casting aluminum body, Radial 360 degree illumination. UV resistant PMMA / Tempered Glass Lens diffuser. Surface anti-ageing electrostatic spray processing.



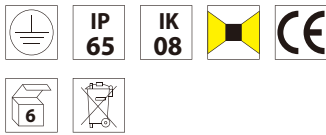
Due to continuous improvements, specifications may change without prior notice.



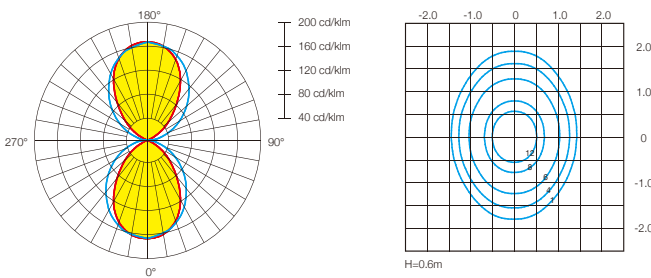
LEGEND

Description

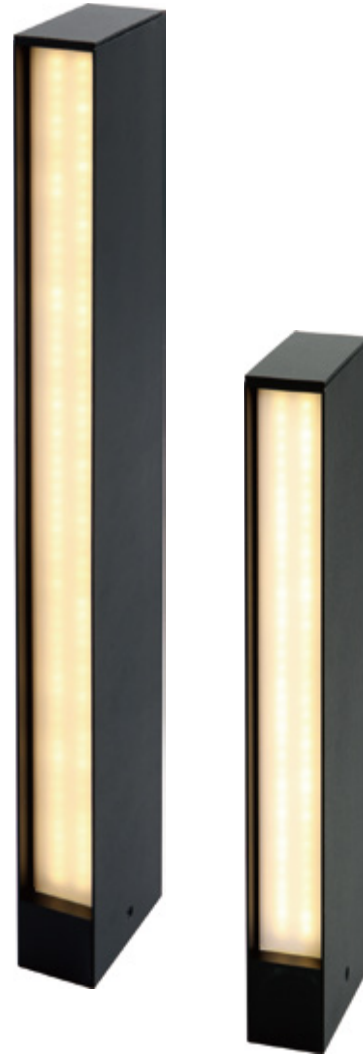
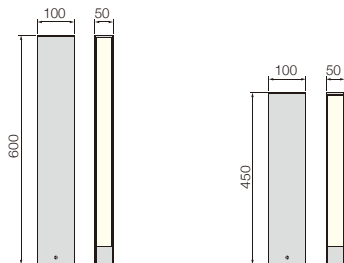
Material: Die-casting aluminum cover, extruded aluminum pole.
 Finishing: Surface anti-ageing electrostatic spray processing.
 Optical system: PMMA diffuser.



Photometric Data



Dimensions



Technology Data

Code	Lamp	Input voltage	Output power	LED Pcs	Lumen	N.W.(kg)	G.W.(kg)
LEGEND-H45	SMD, With driver	100V-240V	15W	168	820	1.7	11.5
LEGEND-H60	SMD, With driver	100V-240V	24W	240	1320	2.0	13.5

Due to continuous improvements, specifications may change without prior notice.

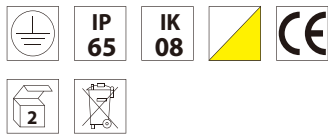


Due to continuous improvements, specifications may change without prior notice.

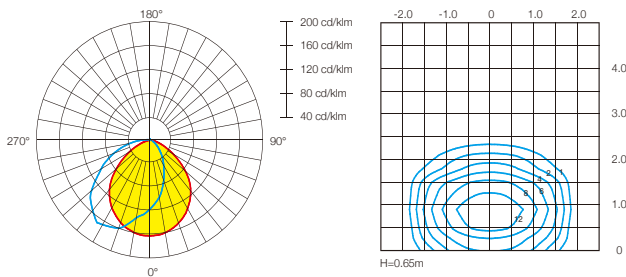
ARIES

Description

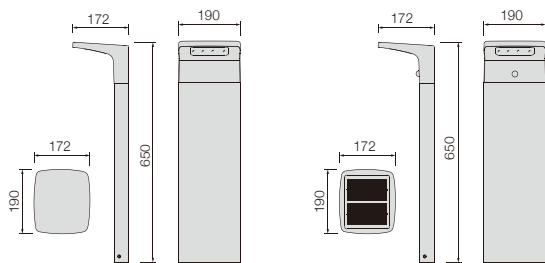
Material: Die-casting aluminum cover, extruded aluminum pole.
 Finishing: Surface anti-ageing electrostatic spray processing.
 Optical system: PMMA diffuser.
 Solar control: 2W solar plate, by sensor control light output.



Photometric Data

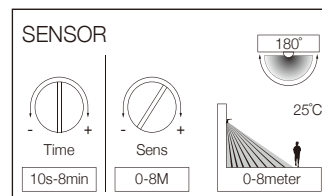


Dimensions



ARIES

ARIES S



Technology Data

Code	Lamp	Input voltage	Output power	LED Pcs	Lumen	N.W.(kg)	G.W.(kg)
ARIES	SMD, With driver	100V-240V	12W	60	720	2.8	7.0
ARIES S	SMD, With sensor	SOLAR+ SENSOR	5.6W / 0.4W	30	320	2.6	6.5



Due to continuous improvements, specifications may change without prior notice.

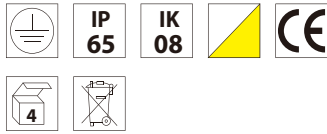


Due to continuous improvements, specifications may change without prior notice.

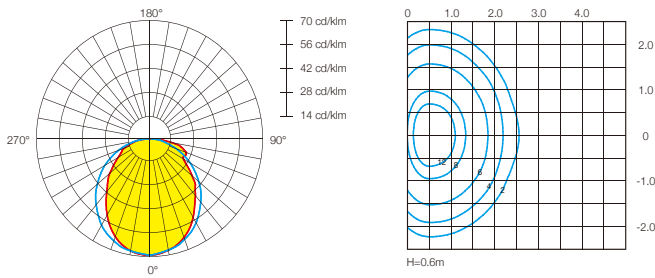
COLOMBUS

Description

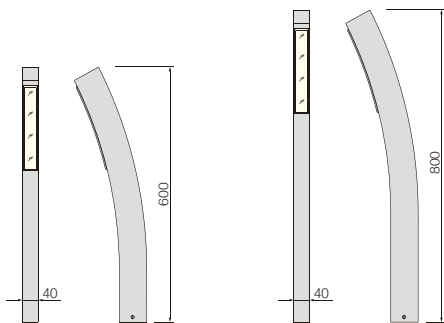
Material: Die-casting aluminum base, extruded aluminum body.
 Finishing: Surface anti-ageing electrostatic spray processing.
 Optical system: PMMA diffuser.



Photometric Data



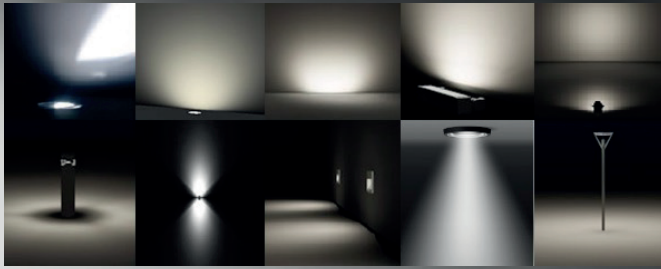
Dimensions



Technology Data

Code	Lamp	Input voltage	Output power	LED Pcs	Lumen	N.W.(kg)	G.W.(kg)
COLUMBUS-H60	SMD	230V±10%	8W	76	450	0.7	3.8
COLUMBUS-H80	SMD	230V±10%	8W	76	450	0.9	4.6

Due to continuous improvements, specifications may change without prior notice.



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