

PRODUCT CATALOGUE



www.lumo.ae

LUMO[®]

ABOUT LUMO FZE

Established in 2010, LUMO is a leading lighting manufacturer serving both the installation and distribution markets. Its name originates in Esperanto meaning light. In 2016 LUMO FZE becomes a part of LUMO FZE Industrial which has focused on lighting manufacturing and customized lighting designs based in Jebel Ali Free Zone, Dubai, United Arab Emirates. With more than 500 products, LUMO FZE offers a wide range of contemporary, modern and classic luminaries bringing vitality and visual comfort. The luminaries are designed for use within professional medium-to-large interior and exterior

or applications such as retail, offices, public buildings, hotels, restaurants and landscaping outdoor LED solutions. LUMO offers high supply reliability because products are being manufactured in UAE with the highest standards and qualification tests. The products find their way to the end-user through the contractors, lighting specialists or interior designers. Sales and distribution are the joint responsibility of us and our local partners, most notably land-scape companies, electrical and lighting wholesalers.

THE TRADE MARK OF LUMO

LUMO FZE has the legitimacy of its own registered trademark assuring the quality of all the products carrying this trademark on. LUMO has been registered for the manufacturing and industrial license in Dubai and also is a member of the Dubai chamber of commerce since 2010. All our Made in UAE products quality is being

assured by the EHS authority by annual control. LUMO is a pioneer in energy-saving lighting solutions with a great difference in quality that is the reason our slogan is: Feel the difference.





The Future of Our Company

Vision

We are a global leader in providing future-proof lighting solutions. We intend to strengthen this position by tracking global trends and innovations, by creating the ideal lighting ambiance, and by working with the right partners that add value to our purpose. We are fully committed to our sustainable supply chain and quality management systems.

Mission

Everything we do supports our mission of developing quality lighting and providing first-class service to our customers. We are at the forefront of global trends, creating innovative designs that implement the latest technologies to brighten our customers' lives for a better world.

Value

The Lumo Light Group has evolved by gaining more and more knowledge and expertise: a conscious growth supported by the constant insights that made it possible to sense in advance the new trends in technology and in the market.



Passion

We are passionate about bringing high-quality lighting to people around the world with our best-in-class products, solutions, and customer service.



Technology

The Lumo specialise in LED technology, a perfect response to energy and lighting efficiency, color fidelity and versatility in every project. All ideas come true in integrated applications spacing from electronics to mechanics, from optics to design.



Success

The success of the LUMO in the lighting the market is based on real values that make the difference: experience and innovation, a global outlook matched with typical handmade, cutting-edge technology and artisan precision.

KNOWLEDGE ABOUT OPTICS & LIGHTING SIGNS

COLOR RENDERING INDEX

Color rendering index refers, to a state of chromatic adaptation with a reasonable tolerance, to measurement degrees. In coincidence between the psychophysical color of lighting object for test light source and reference light source lighting with the same color sample.

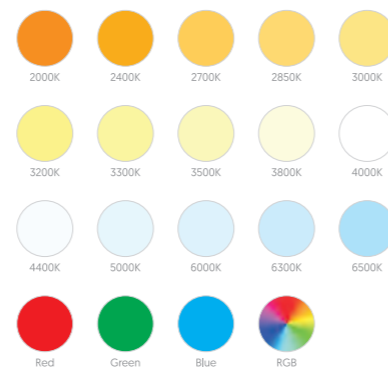
General CRI, the average value of CIE1974 special CRI of tested color samples in sets of eight usually calls as CRI. Its sign is Ra. The maximum value is 100. Generally speaking, Ra between 100~80 shows excellent color rendering.



CORRELATED COLOR TEMPERATURE (CCT)

In the lighting industry, correlated color temperature [CCT] refers to the color appearance of the light emitted. Not all white lighting is equal, as you well know. When some metals are heated to a particular temperature, measured in degrees Kelvin [K], they appear to give off different colors of white. -ie. 3000k warm white or 6500k cool white). For instance, white light can have a warmer color which looks yellowish, amber or orange to our eyes, or it can be a cool white which will look bright white or even slightly bluish-white.

With respect to sunlight, noontime sun would be cooler than the color temperature of the sun during sunset. As you read on about what CRI is, you'll see the relevance of knowing color temperature as well.



TERMS & DEFINITIONS

LUMINOUS FLUX

Symbol- Φ

Unit: Lumen

Unit symbol: lm

The light emitted by the light source or a light-receiving surface, the light flux is calculated by radiation power (with Watt [W] as a unit of power) after apparent eye see general function $[V(\lambda)]$ after radiation to assess such effects.

LUMINOUS INTENSITY

Symbol: I

Unit: candela

Unit symbol: cd [1cd = lm/sr]

The luminous intensity refers to the luminous flux emitted by the light source or the reflecting surface in a given direction.

ILLUMINANCE

Symbol: E

Unit: lux

Unit symbol: lx [1lx = 1lm/m²]

Illuminance refers to the luminous flux density at a point on the plane, that is, the luminous flux per unit area.

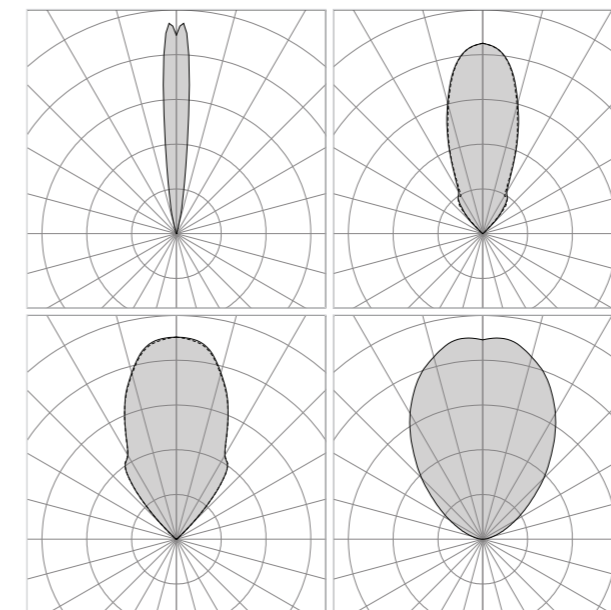
LUMINANCE

Symbol: L

Unit: candela/square meter

Unit symbol; cd/m²

Brightness refers to a light source or a reflecting surface in a given direction.



LIGHT DISTRIBUTION CURVE

The special distribution of the light distribution curve of the light intensity distribution curve (light distribution curve) constitutes a three-dimensional body. The longitudinal or transverse section of a three-dimensional body two-dimensional intensity distribution curve, which can be used to represent the lamp in the plane. Light intensity at any angle. In general, this is demonstrated by means of a polar coordinate system. The main direction of the beam can be identified, whether it is directly emitted light, or indirectly shooting light. The unit of light intensity is Candela [CD].

OUR MAJOR LED PARTNERS

Lumo FZE's mission is to obsolete energy-inefficient lighting solutions. That is why we have used the best LED components and drivers for nearly every lighting application, from directional and High-Bay to garden lights. We use Cree, Nichia or Samsung LED and Tridonic, Philips or MeanWell drivers for most of our LED applications.



INGRESS PROTECTION CATEGORISATION (IPXX)

All products must be rated for their protection against ingress by solid particles and water. The two numbers correspond to the protection level of the luminaire. Please see the table below.

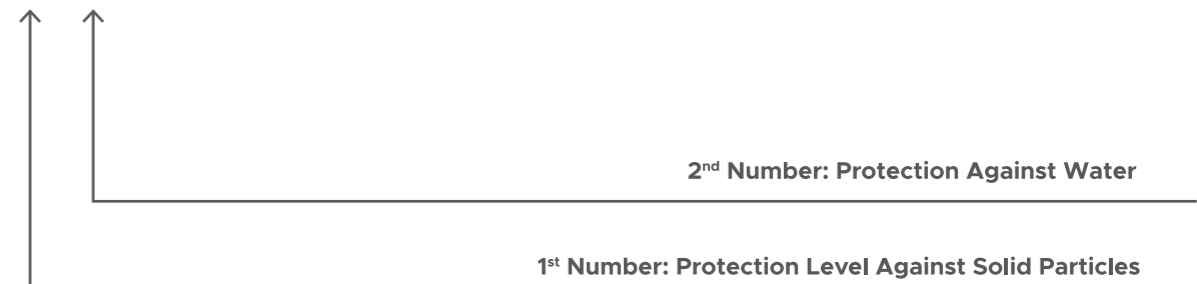
1st Number: Protection Level Against Solid Particles

- IP0X - No protection
- IP1X - Protects against solid particles down to 50mm diameter
- IP2X - Protects against solid particles down to 12mm diameter
- IP3X - Protects against solid particles down to 2.5mm diameter
- IP4X - Protects against solid particles down to 1.0mm diameter
- IP5X - Protects against harmful dust deposits- dust-proof
- IP6X - Protects against any entry of dust- dust-tight

2nd Number: Protection Against Water

- IPX0 - No protection
- IPX1 - Protects against drops of water falling vertically. Limited ingress permitted
- IPX2 - Protects from drops of water falling up to 15° from the vertical. Limited ingress protection
- IPX3 - Protects against water sprayed from 60° to the vertical. Rain-proof, limited ingress
- IPX4 - Protects against water splashed from all directions. Splash-proof
- IPX5 - Protects from low-pressure jets of water from all directions. Jet-proof
- IPX6 - Protects against heavy seas or strong jets of water
- IPX7 - Protects against temporary immersion down to 1 m. Water-tight, not for permanent immersion
- IPX8 - Protects against permanent immersion at specified water depth. Pressure water-tight

IPXX



ELECTRICAL PROTECTION

I SAFETY CLASS 1

Luminaires comply with earthed electrical requirements i.e. have functional insulation in all parts plus an earth terminator.

II SAFETY CLASS 2

Luminaires comply with double insulated electrical requirements i.e. have complete insulation in all parts without an earth termination. In the event of an electrical fault, no dangerous voltage can reach accessible metal parts.

III SAFETY CLASS 3

Luminaires comply with SELV electrical requirements i.e. where protection against electrical shock relies on the supply of safety extra-low voltage (SELV) and in which voltages higher than those of SELV are not generated.

VOLTAGE

All luminaires and safety transformers are supplied primarily for operation on 230V AC 50Hz circuits. For alternative electrical specifications please contact the LUMO sales department.

d ... m

The minimum distance from the luminaire to the illuminated surface.

INFLAMMABILITY OF SURFACE PROTECTION



Luminaires are suitable for mounting directly on normally flammable surfaces such as wood and wood-based materials \geq 2mm thick.



Luminaires are suitable for installation in or attached to furniture whose ignition behaviour corresponds to normally flammable building materials. The materials can be laminated, veneered or varnished.

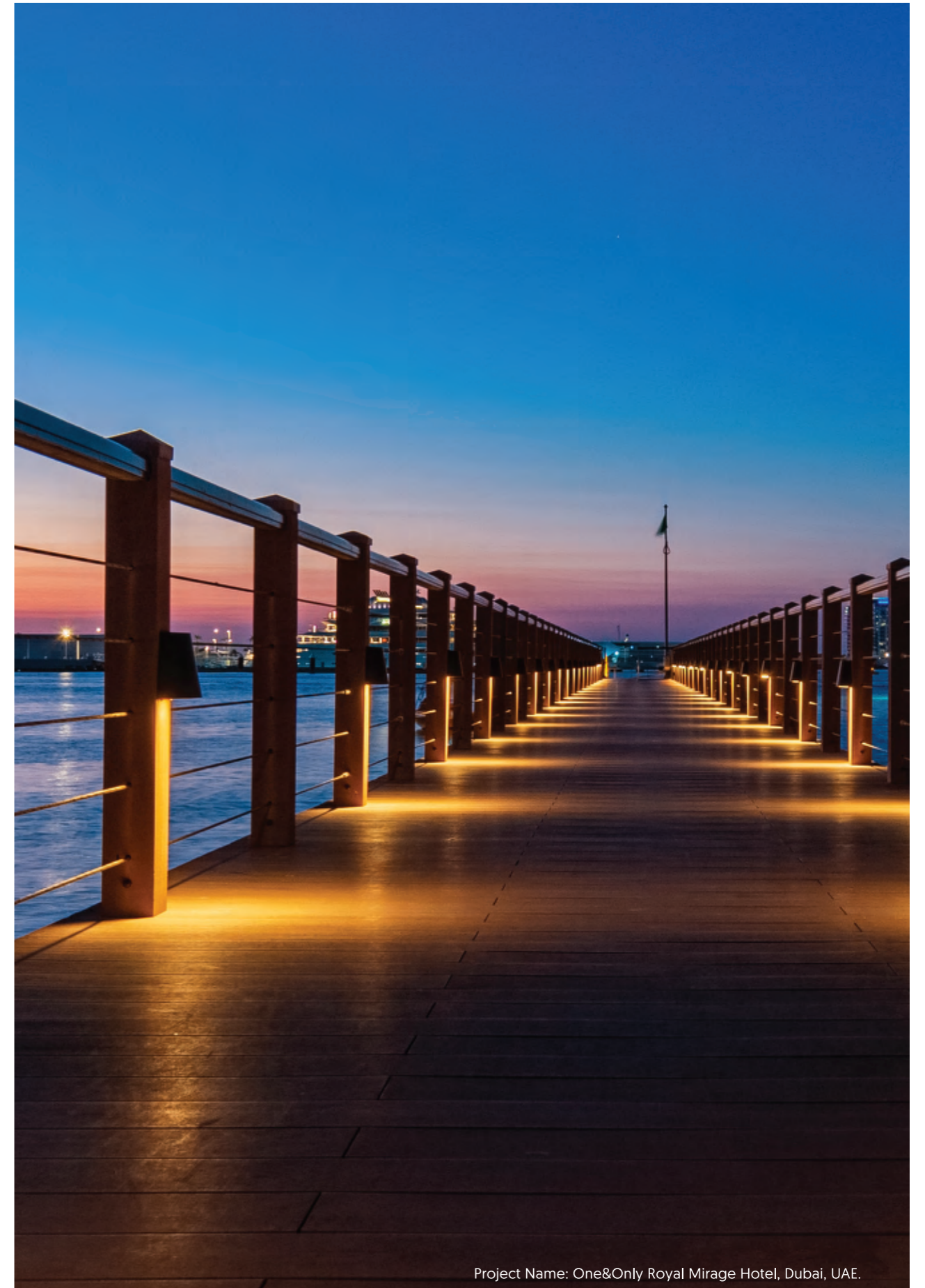


Luminaires are suitable for installation directly on, or in furniture which is manufactured from materials with unknown flammability properties.

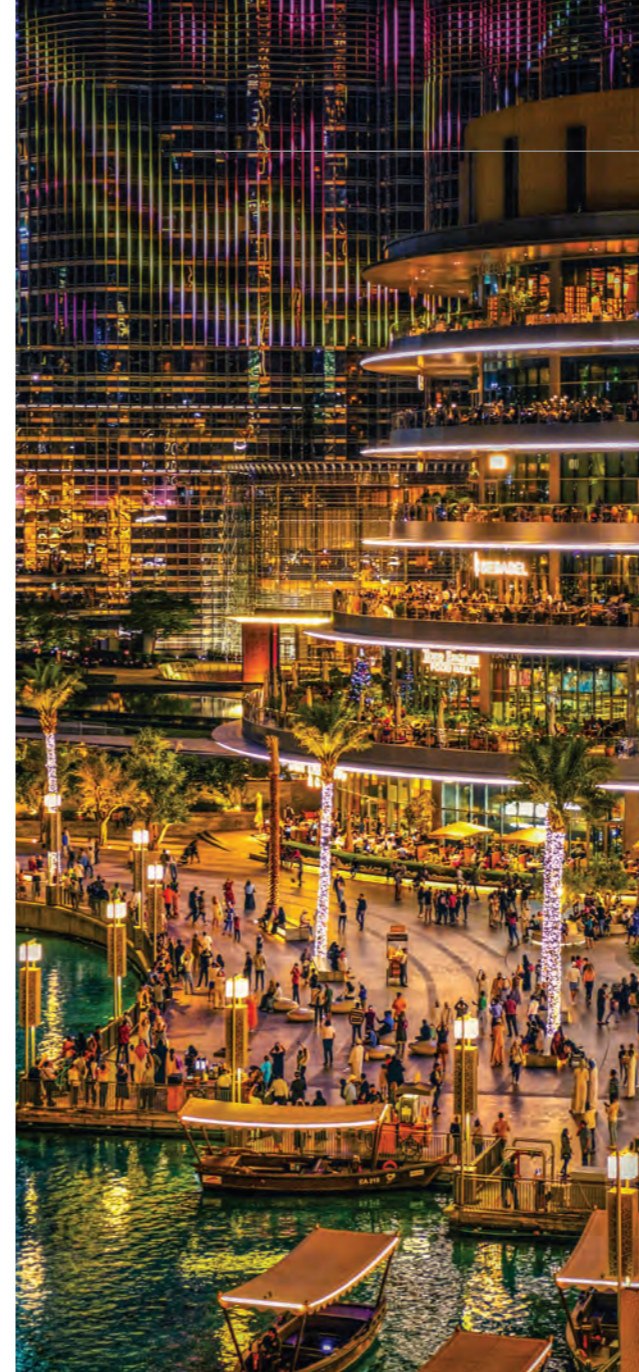
Ta...°C

Ambient Temperature Rating is defined as the maximum ambient temperature at which performance has been tested.









LUMO products are subjected to thermal testing of proprietary component performance (control gear, lamp holders, wiring) and the performance of the product itself, at temperatures higher than the IEC test regime t_a of 25°C. This is because in reality the products are expected to perform outside this recommendation. Many products are suitable to be used in ambient temperatures of -30° - +50°C.

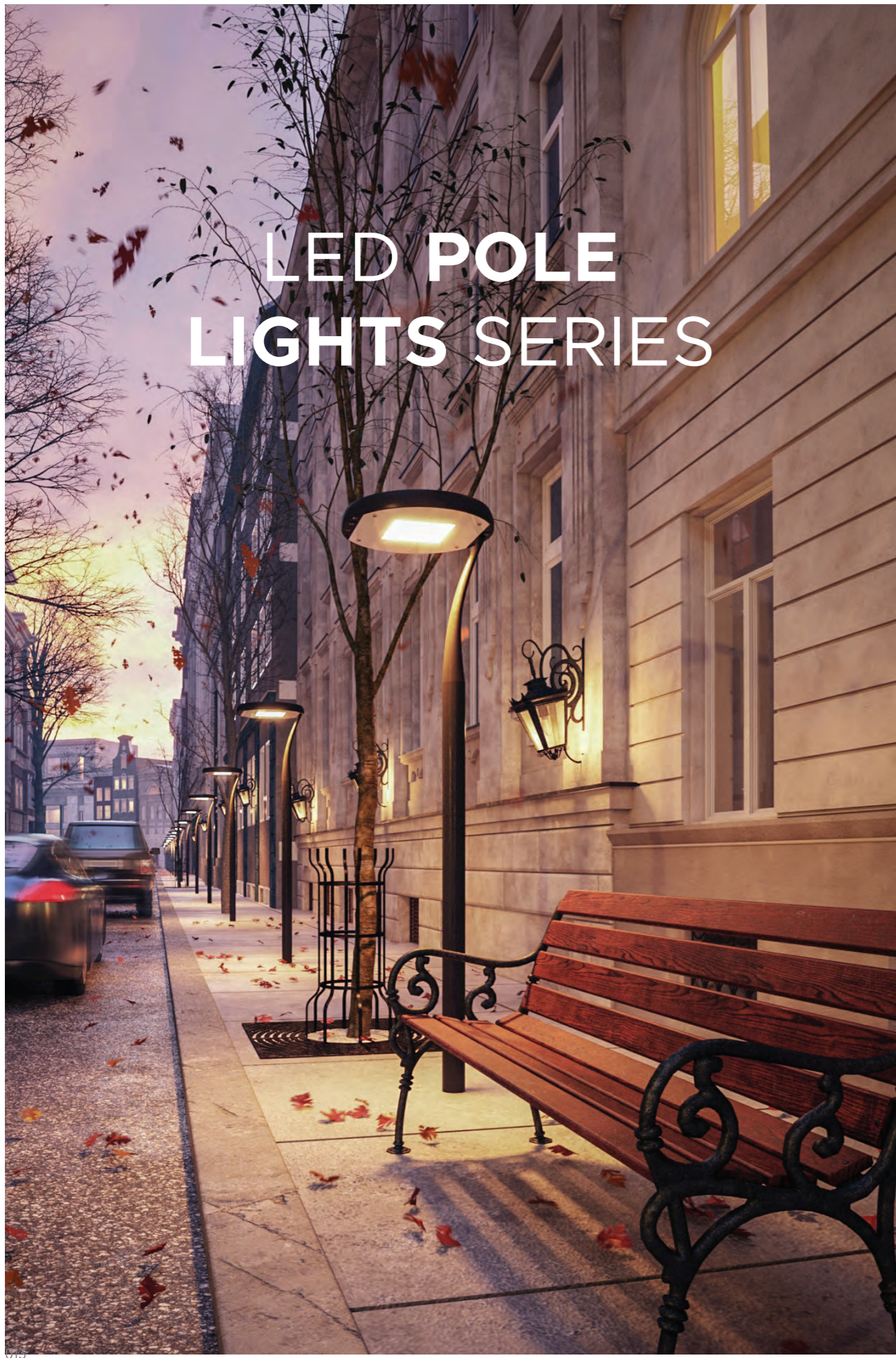


Project Name: One&Only Royal Mirage Hotel, Dubai, UAE.



CONTENT

	POLE LIGHTS	013-036
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	WOODEN POLE LIGHTS	153-162



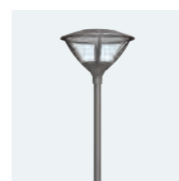
LED POLE LIGHTS SERIES

ACE SERIES
P : 017 - 022



121131 / 121132 / 121133 121134 / 121135 / 121136

BEROLY SERIES
P : 023 - 026



121137 / 121138 / 121139

HATELLO SERIES
P : 027 - 032



121129 / 121130

LAMOFY SERIES
P : 033 - 036



121123 / 121124 / 121125



LED POLE LIGHTS

Being a common fixture type for outdoor lighting applications, pole lights / urban column lights have been around for centuries. In urban areas, artificial light heavily affects visual quality; it can provide a sense of security or serve as a social or aesthetic function. Historically, man-made illumination has had critical importance to the quality and even development of metropolitan life. As lighting fixtures become a permanent part of the city landscape, their designs inevitably adapt with ever-evolving city infrastructure. In recent history, contemporary architectural trends have transformed city landscapes in an unprecedented

manner.

This is why we at LUMO pride ourselves on providing innovative and unique lighting solutions for any circumstance. Delivering an aesthetically pertinent illumination with a contemporary design, our LED pole lights (ideal for streets, parks, promenades or wide walkways) combine a stylish and modern design with the strength of LED technology. Guaranteed to provide a unique splendour and allow for each project to be truly one of a kind.

DESIGN RANGE

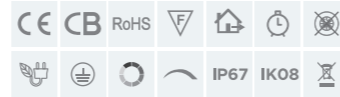


Our pole lights are glare-free and come in a wide range of designs suitable for every environment. We guarantee to always provide high performance, high output design options to best fit your project design requirement. Our wide range of options allow for different lighting characteristics according to your project needs all with exceptional optical capabilities. All our products have both symmetric and asymmetric optics.

STABILITY AND LONGEVITY

All our luminaires are made with high-grade material such as extruded/die-casting aluminum or hot galvanized steel bodies depending on the height and/or project requirement. All of our pole luminaires are coated with an anti-corrosion or anti-ageing electrostatic spray finish for more reliability; along with a wide range of prominent diffusers for a variety of lighting options. For our pole fixtures with extended elevation. The durability and long-lasting element of our products are assured by providing a 3-5 years warranty for all products.

ACE SERIES



Product Description

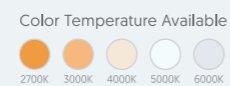
Pole-top luminaires with asymmetrical flat beam light distribution and three light outputs. The luminaires boast high operating efficiency and a contemporary flat design. A luminaire concept whose light distribution, uniformity of light and energy efficiency are ideal for illumination. Ready-to-install pole-top luminaires for single arrangements.

Features

- High visual comfort and uniform light distribution
- LED module in compliance with Zhaga consortium
- High efficiency 150-155 lm/W Philips LED modules
- All external screws in stainless steel 316L

Applications

Residential streets, Car parks and traffic-calmed areas



Control

On/Off version
[Optional 0/1-10V, DALI]

Light Source



LED Driver



Material Specification

Installation	: Pole mounted
Light Head	: Die-cast Aluminum
Diffuser	: High-pressure clear tempered glass
Gasket	: water vapour resistant silicone
Fixing screw	: buried frame galvanized stainless steel
Driver	: Constant voltage output
Power Cable	: 0.5 meter 3x1 mm ² Ø6-8 mm
Pole	: Wood / Hot dip galvanized steel
Base Plate	: Hot dip galvanized steel



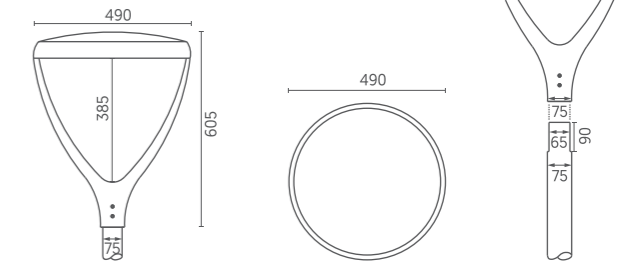
Product Dimension



Color Finish



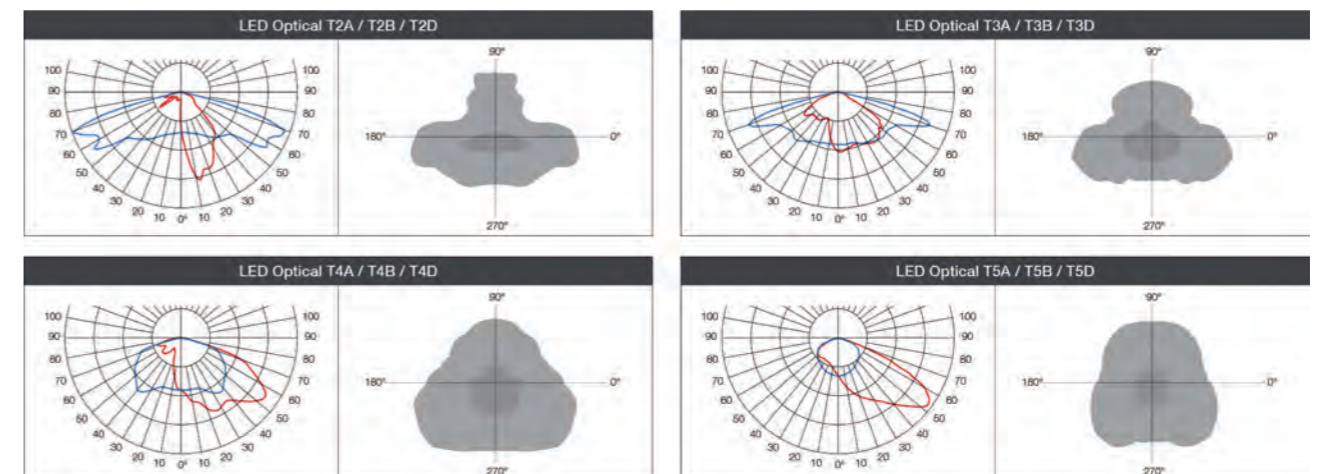
Color Temperature Available



Product Specification

Product No.	121131	121132	121133
Power	40W	60W	80W
Voltage	100-240V AC, 50/60Hz		
CRI	>90		
LED Type	PHILIPS 5050	PHILIPS 5050	PHILIPS 5050
Light Distribution	T1A/T2A/T3A/T4A	T1A/T2A/T3A/T4A	T1D/T2D/T3D/T4D
Light Head Material	Die-cast Aluminum		
Diffuser Material	High-pressure clear tempered glass		
Ingress Protection	IP66		
Impact Protection	IK10		
Weight of the light Head	12.5 Kg		
Dimension of the light Head	as per Drawing		
Pole Material	Wood / Hot dip galvanized steel		
Base Material	Hot dip galvanized steel		
Control	On / Off		

Light Distribution





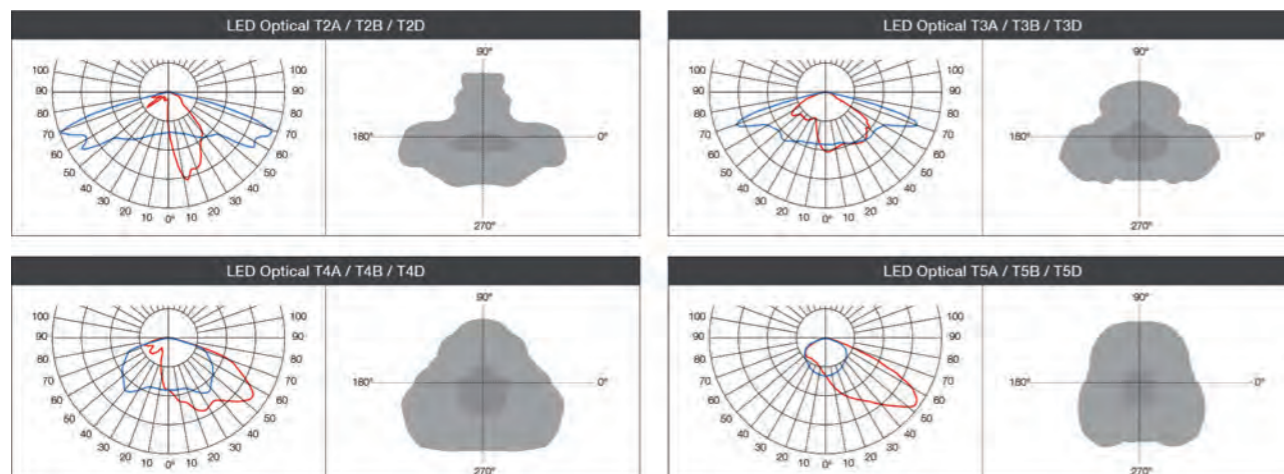
Product Dimension



Product Specification

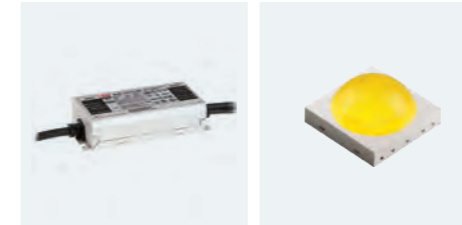
Product No.	121134	121135	121136
Power	40W	60W	80W
Voltage	100-240V AC, 50/60Hz		
CRI	>90		
LED Type	PHILIPS 5050	PHILIPS 5050	PHILIPS 5050
Light Distribution	T1A/T2A/T3A/T4A	T1A/T2A/T3A/T4A	T1D/T2D/T3D/T4D
Light Head Material	Die-cast Aluminum		
Diffuser Material	High-pressure clear tempered glass		
Ingress Protection	IP66		
Impact Protection	IK10		
Weight of the light Head	9.7 Kg		
Dimension of the light Head	as per Drawing		
Pole Material	Wood / Hot dip galvanized steel		
Base Material	Hot dip galvanized steel		
Control	On / Off		

Light Distribution



Accessories

LED Driver LED Chip



Meanwell LED Driver

Philips LED Chip

Connectors



IP68 2 way connector

IP68 3 way connector

IP68 4 way connector

Pole Base



Anchor Bolt Kit for Galvanized Steel Pole

Anchor Bolt Kit for Aluminium Pole

Anchor Bolt Kit for Medium Pole

Anchor Bolt Kit for Mini Pole

Order Code Format



Part Number

Input Voltage

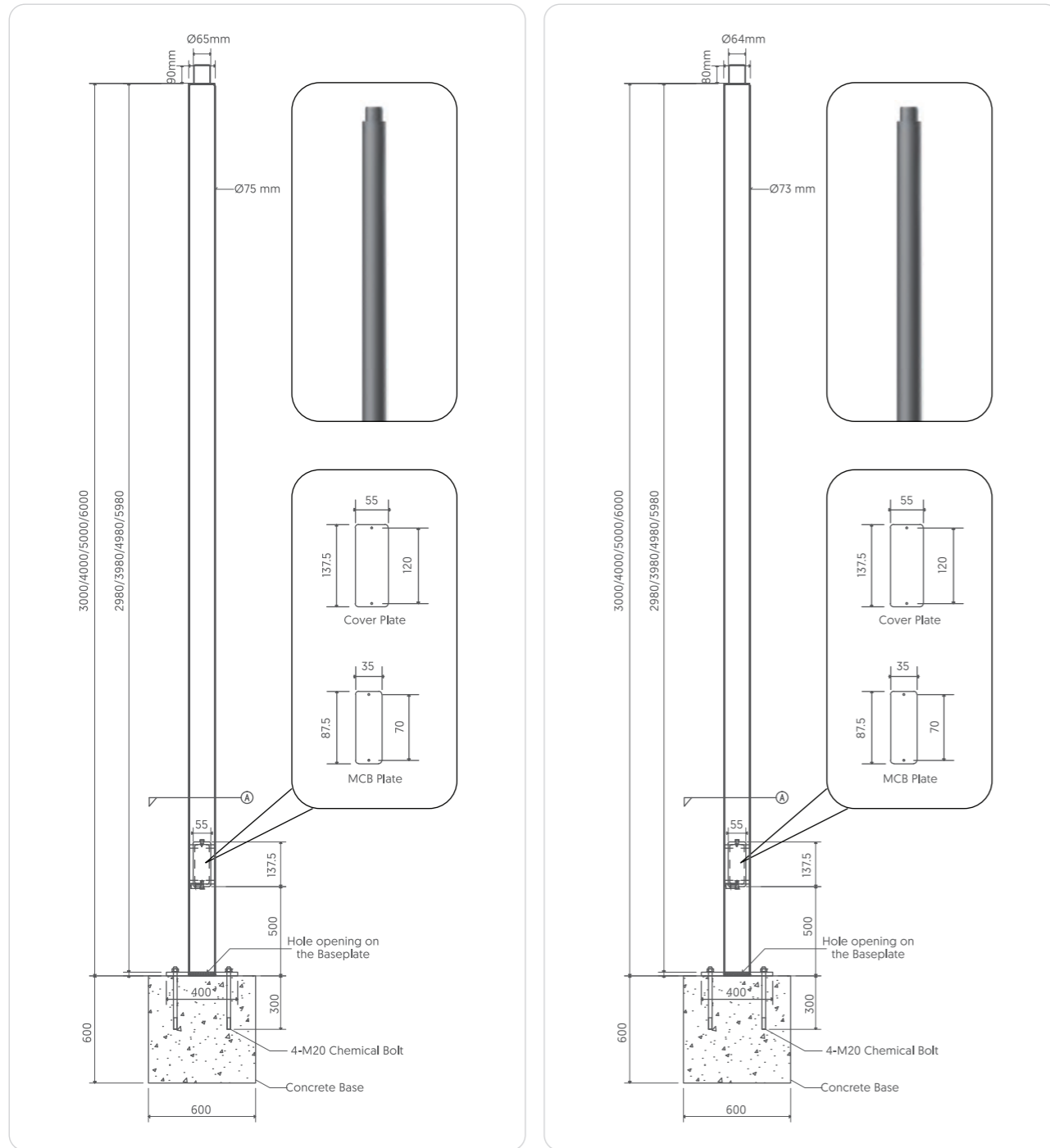
CCT

Beam Angle

Color Finish

Input Voltage	CCT	Beam Angle	Color Finish
3 - 240V	27 - 2700K	376 - T2A/T2B/T2D	02 - Dark Grey
	30 - 3000K	377 - T3A/T3B/T3D	06 - Black
	40 - 4000K	378 - T4A/T4B/T4D	07 - White
	50 - 5000K	379 - T5A/T5B/T5D	
	60 - 6000K		

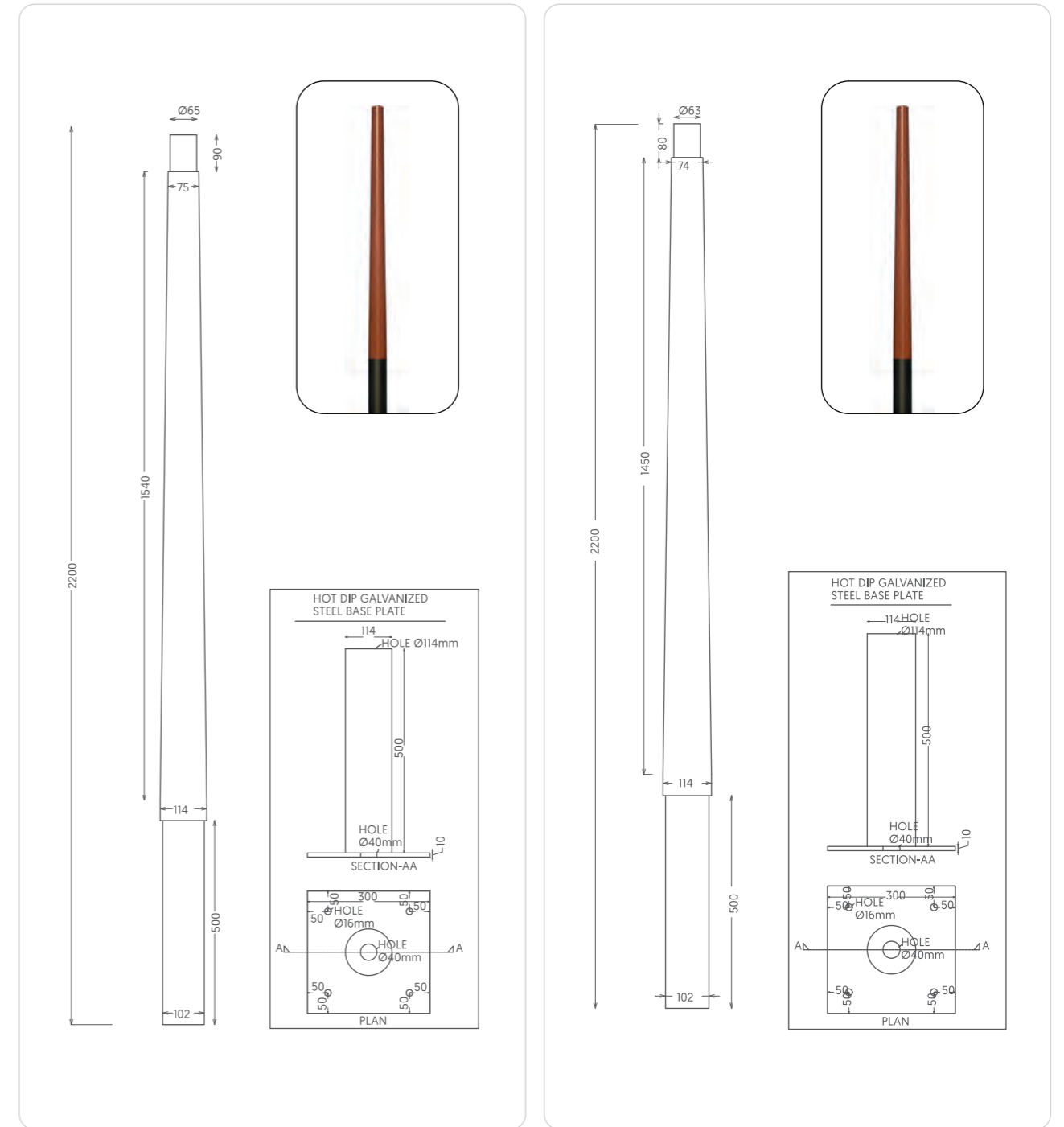
Pole Installation - Hot dip galvanized steel



121131 / 121132 / 121133

121134 / 121135 / 121136

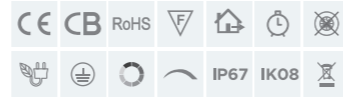
Pole Installation - Wood



121131 / 121132 / 121133

121134 / 121135 / 121136

BEROLY SERIES



Product Description

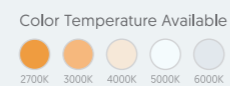
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Features

- High visual comfort and uniform light distribution
- LED module in compliance with Zhaga consortium
- High efficiency 150-155 lm/W Philips LED modules
- All external screws in stainless steel 316L

Applications

Residential streets, Car parks and traffic-calmed areas



Control

On/Off version, 0/1-10V, DALI

Light Source



LED Driver



Material Specification

Installation	: Pole mounted
Light Head	: Die-cast Aluminum
Diffuser	: Polycarbonate
Gasket	: water vapour resistant silicone
Fixing screw	: buried frame galvanized stainless steel
Driver	: Constant voltage output
Power Cable	: 0.5 meter 3x1 mm ² Ø6-8 mm
Pole	: Wood / Hot dip galvanized steel
Base Plate	: Hot dip galvanized steel

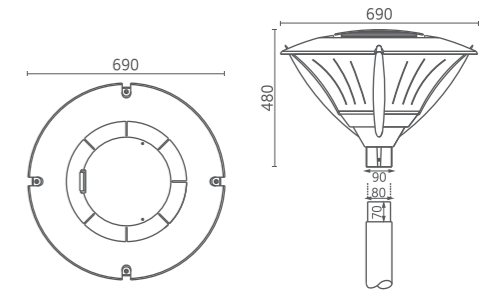
Product Dimension



Color Finish



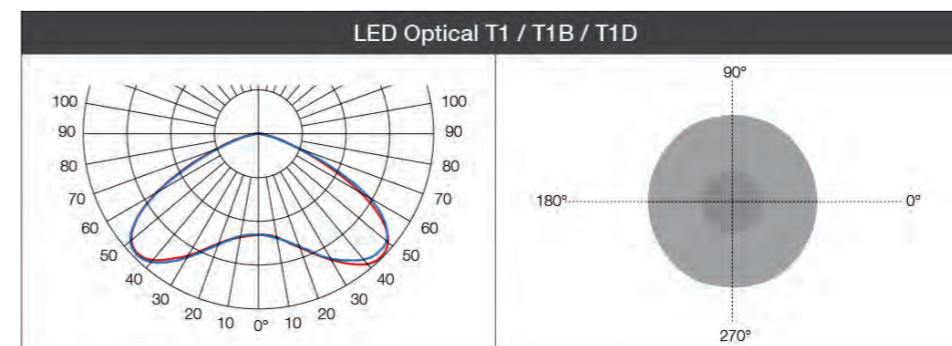
Color Temperature Available



Product Specification

Product No.	121137	121138	121139
Power	40W	60W	80W
Voltage	100-240V AC, 50/60Hz		
CRI	>90		
LED Type	PHILIPS 5050	PHILIPS 5050	PHILIPS 3030
Light Distribution	T1 / T1D	T1 / T1B	T1B
Light Head Material	Die-cast Aluminum		
Diffuser Material	PC		
Ingress Protection	IP66		
Impact Protection	IK10		
Weight of the light Head	11.5 Kg		
Dimension of the Light Head	as per Drawing		
Pole Material	Wood / Hot dip galvanized steel		
Base Material	Hot dip galvanized steel		
Control	On / Off		

Light Distribution



Accessories

LED Driver



Meanwell LED Driver

LED Chip



Philips LED Chip

Connectors



IP68 2 way connector IP68 3 way connector IP68 4 way connector

Pole Base



Anchor Bolt Kit for Galvanized Steel Pole Anchor Bolt Kit for Aluminium Pole Anchor Bolt Kit for Medium Pole Anchor Bolt Kit for Mini Pole Pole Coupler

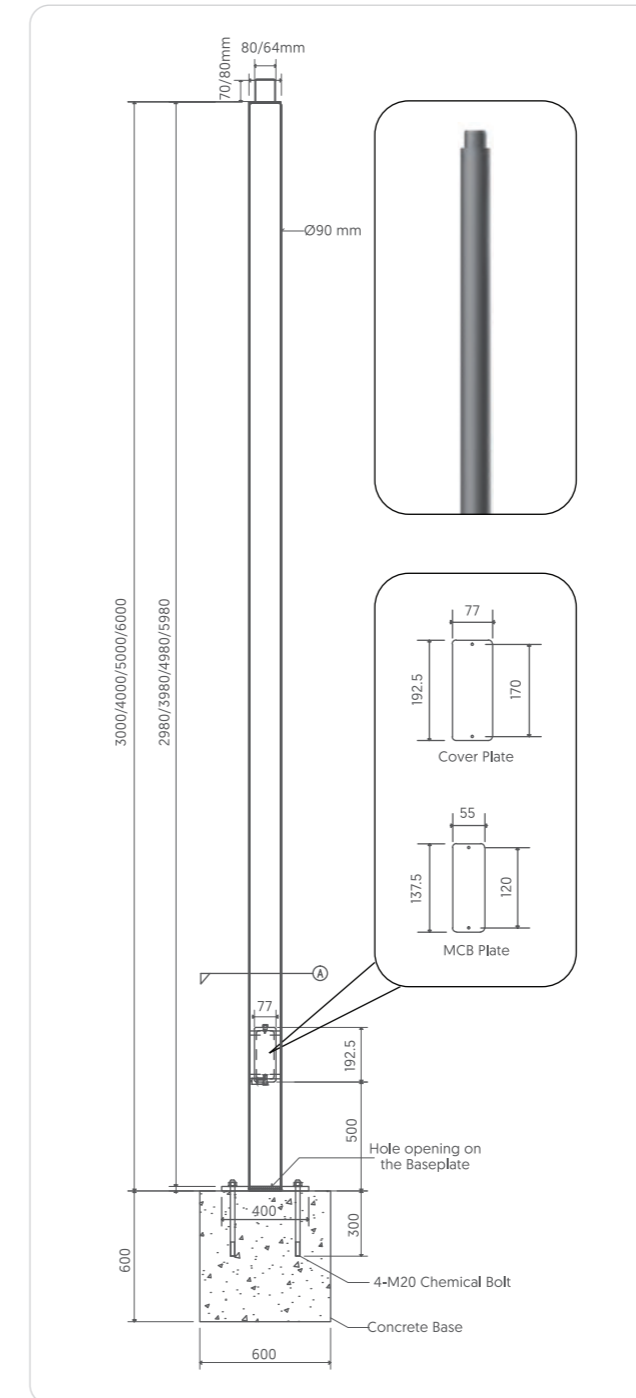
Order Code Format



Input Voltage	CCT	Beam Angle	Color Finish
3 - 240V	27 - 2700K	376 - T2A/T2B/T2D	02 - Dark Grey
	30 - 3000K	377 - T3A/T3B/T3D	06 - Black
	40 - 4000K	378 - T4A/T4B/T4D	07 - White
	50 - 5000K	379 - T5A/T5B/T5D	
	60 - 6000K		

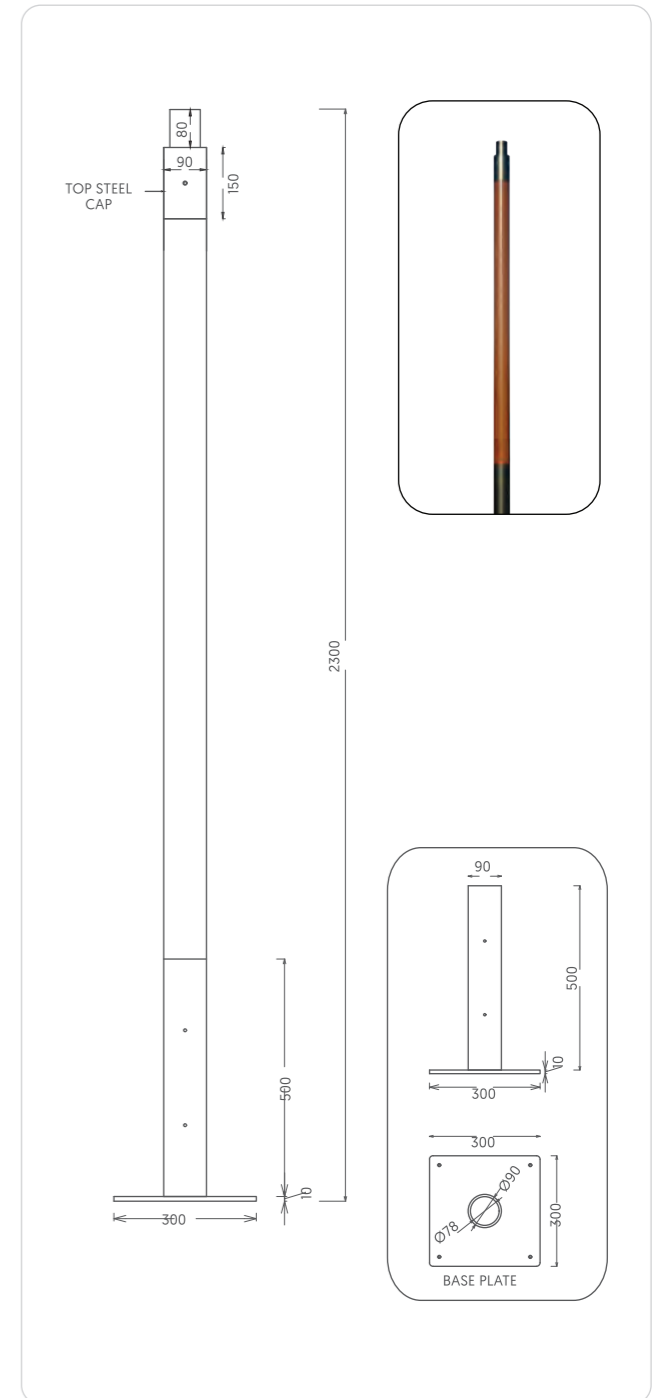
Pole Installation

Hot dip galvanized steel



121137 / 121138 / 121139

Wood





HATELLO SERIES



Product Description

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Features

- High visual comfort and uniform light distribution
- LED module in compliance with Zhaga consortium
- High efficiency 150-155 lm/W Philips LED modules
- All external screws in stainless steel 316L

Applications

Residential streets, Car parks and traffic-calmed areas

Material Specification

Installation	: Pole mounted
Light Head	: Die-cast Aluminum
Diffuser	: Polycarbonate
Gasket	: water vapour resistant silicone
Fixing screw	: buried frame galvanized stainless steel
Driver	: Constant voltage output
Power Cable	: 0.5 meter 3x1 mm ² Ø6-8 mm
Pole	: Wood / Hot dip galvanized steel
Base Plate	: Hot dip galvanize steel

Color Temperature Available



Control

On/Off version, 0/1-10V, DALI

Light Source



LED Driver





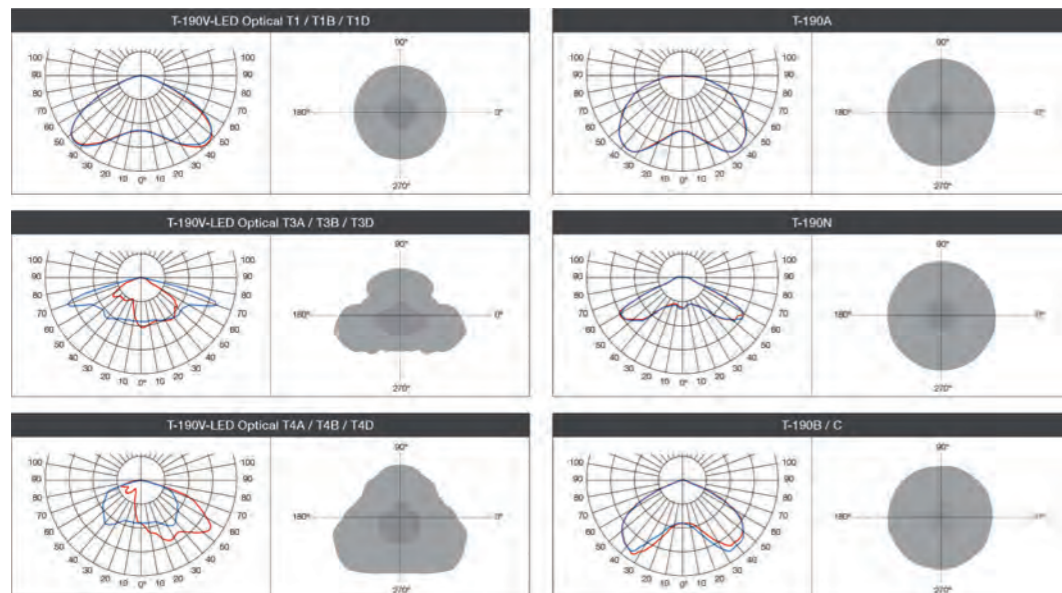
Product Dimension



Product Specification

Product No.	121129	121130
Power	40W	60W
Voltage	100-240V AC, 50/60Hz	
CRI	>90	
LED Type	PHILIPS	
Light Distribution	T32B	
Light Head Material	Die-cast Aluminum	
Diffuser Material	PC	
Ingress Protection	IP66	
Impact Protection	IK10	
Weight of the light Head	9 Kg	
Dimension of the light Head	as per Drawing	
Pole Material	Wood / Hot dip galvanized steel	
Base Material	Hot dip galvanized steel	
Control	On / Off , 0-10V, DALI	

Light Distribution



Accessories

LED Driver LED Chip



Meanwell LED Driver

Philips LED Chip

Connectors



IP68 2 way connector

IP68 3 way connector

IP68 4 way connector

Pole Base



Anchor Bolt Kit for Galvanized Steel Pole

Anchor Bolt Kit for Aluminium Pole

Anchor Bolt Kit for Medium Pole

Anchor Bolt Kit for Mini Pole

Pole Coupler

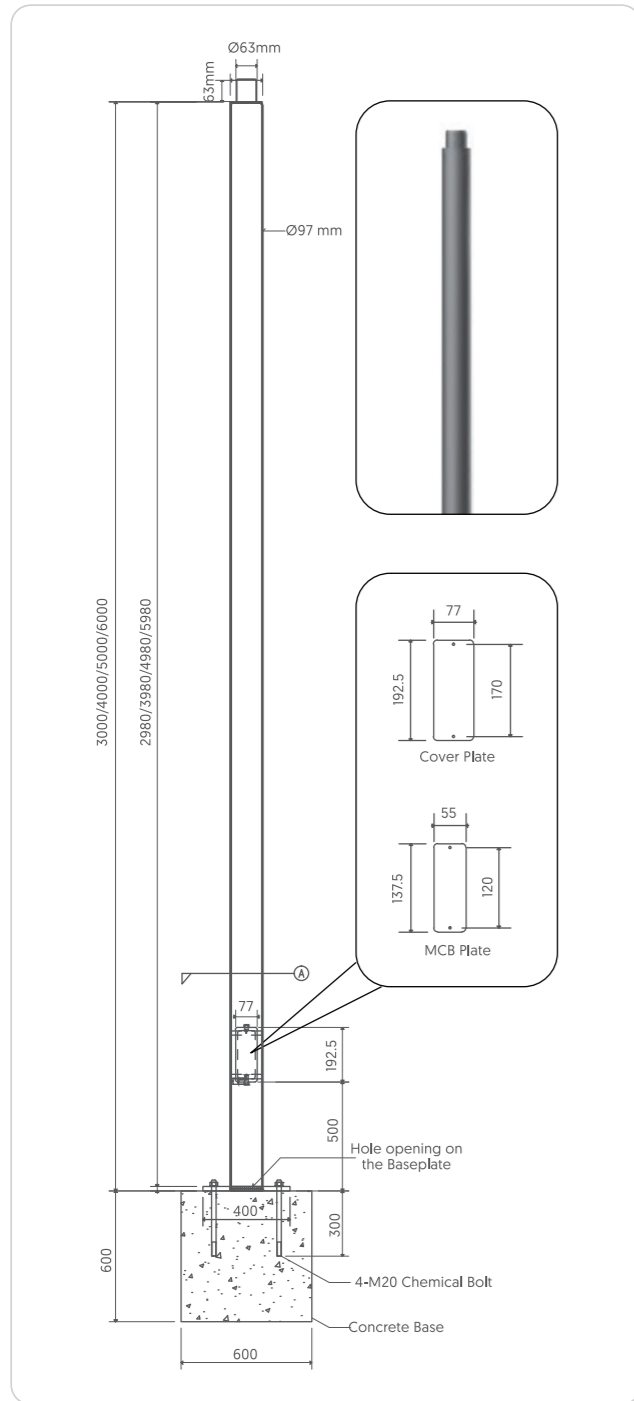
Order Code Format



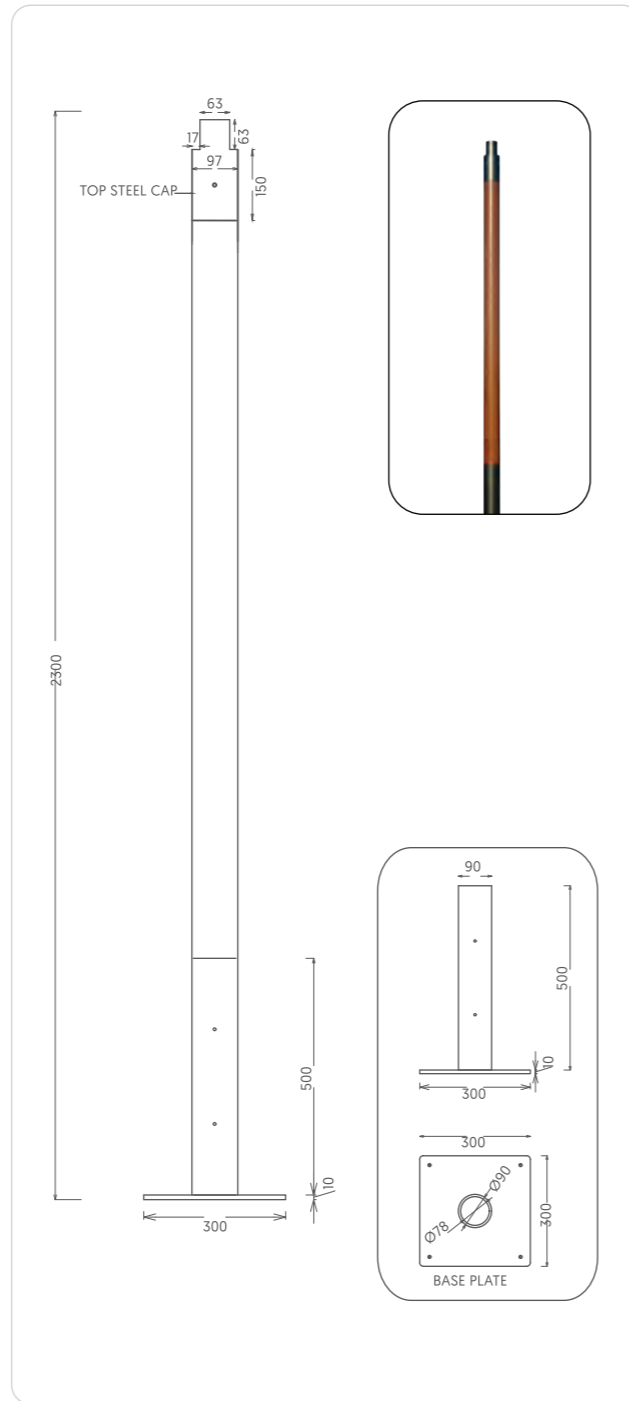
Part Number Input Voltage CCT Beam Angle Color Finish

Input Voltage	CCT	Beam Angle	Color Finish
3 - 240V	27 - 2700K	376 - T2A/T2B/T2D	02 - Dark Grey
	30 - 3000K	377 - T3A/T3B/T3D	06 - Black
	40 - 4000K	378 - T4A/T4B/T4D	07 - White
	50 - 5000K	379 - T5A/T5B/T5D	
	60 - 6000K		

Hot dip galvanized steel



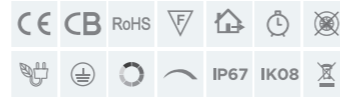
Wood



121129 / 121130



LAMOFY SERIES



Product Description

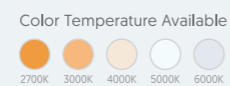
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Applications

Residential streets, Car parks and traffic-calmed areas



Control

On/Off version, 0/1-10V, DALI

Light Source



LED Driver



Material Specification

Installation	: Pole mounted
Light Head	: Die-cast Aluminum
Diffuser	: High-pressure clear tempered glass
Gasket	: water vapour resistant silicone
Fixing screw	: buried frame galvanized stainless steel
Driver	: Constant voltage output
Power Cable	: 0.5 meter 3x1 mm ² Ø6-8 mm
Pole	: Wood / Hot dip galvanized steel
Base Plate	: Hot dip galvanized steel

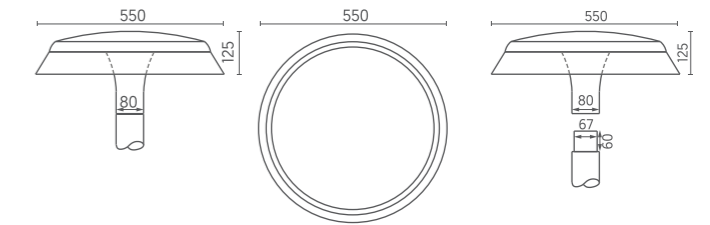
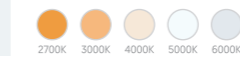
Product Dimension



Color Finish



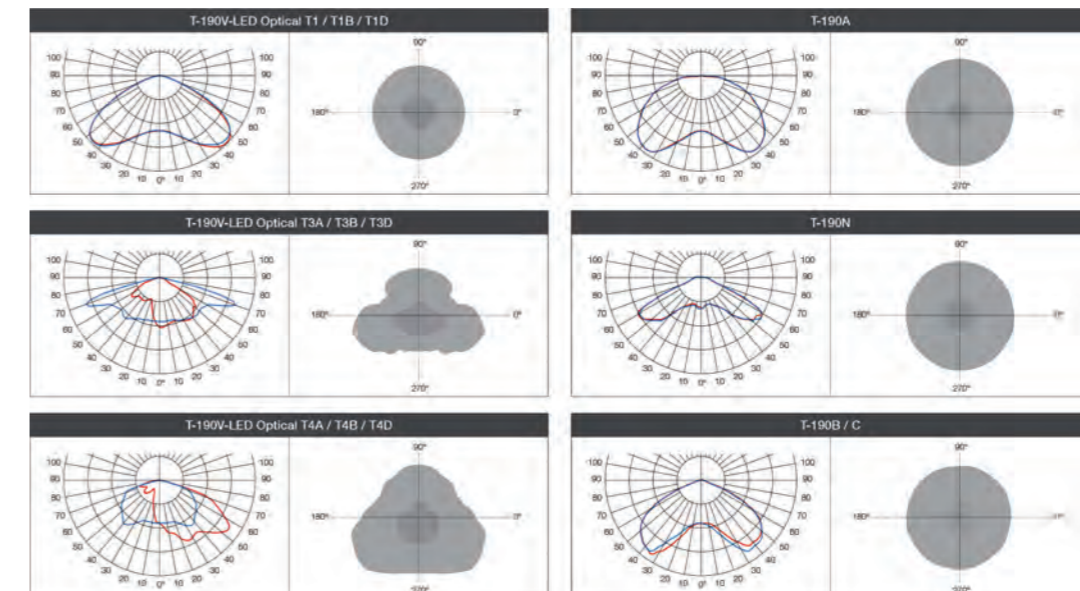
Color Temperature Available



Product Specification

Product No.	121123	121124	121125
Power	30W	40W	60W
Voltage	100-240V AC, 50/60Hz		
CRI	>90		
LED Type	PHILIPS 3030	PHILIPS 5050	PHILIPS 5050
Light Distribution	T1/T90		
Light Head Material	Die-cast Aluminum		
Diffuser Material	Clear tempered glass		
Ingress Protection	IP66		
Impact Protection	IK10		
Weight of the light Head	10.5 Kg		
Dimension of the light Head	as per Drawing		
Pole Material	Wood / Hot dip galvanized steel		
Base Material	Hot dip galvanized steel		
Control	On / Off , 0-10V, DALI		

Light Distribution



Accessories

LED Driver



Meanwell LED Driver

LED Chip



Philips LED Chip

Connectors



IP68 2 way connector



IP68 3 way connector



IP68 4 way connector

Pole Base



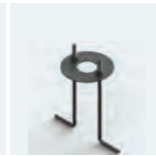
Anchor Bolt Kit for Galvanized Steel Pole



Anchor Bolt Kit for Aluminium Pole



Anchor Bolt Kit for Medium Pole



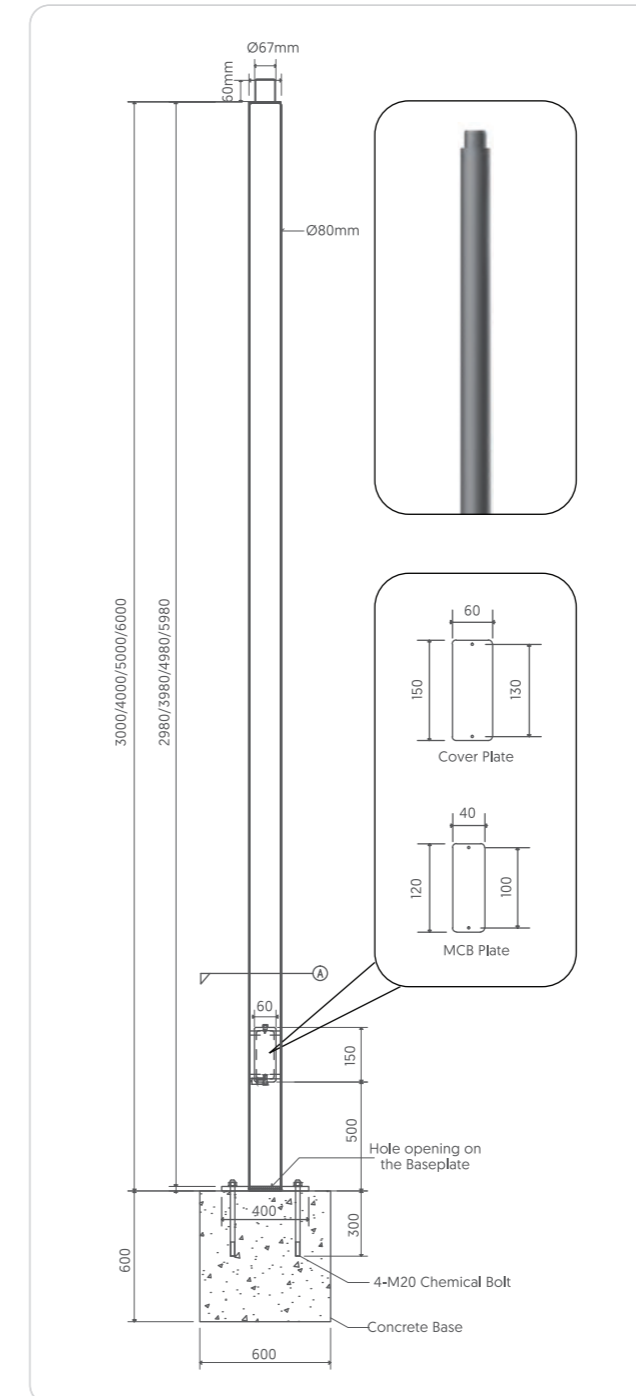
Anchor Bolt Kit for Mini Pole

Order Code Format



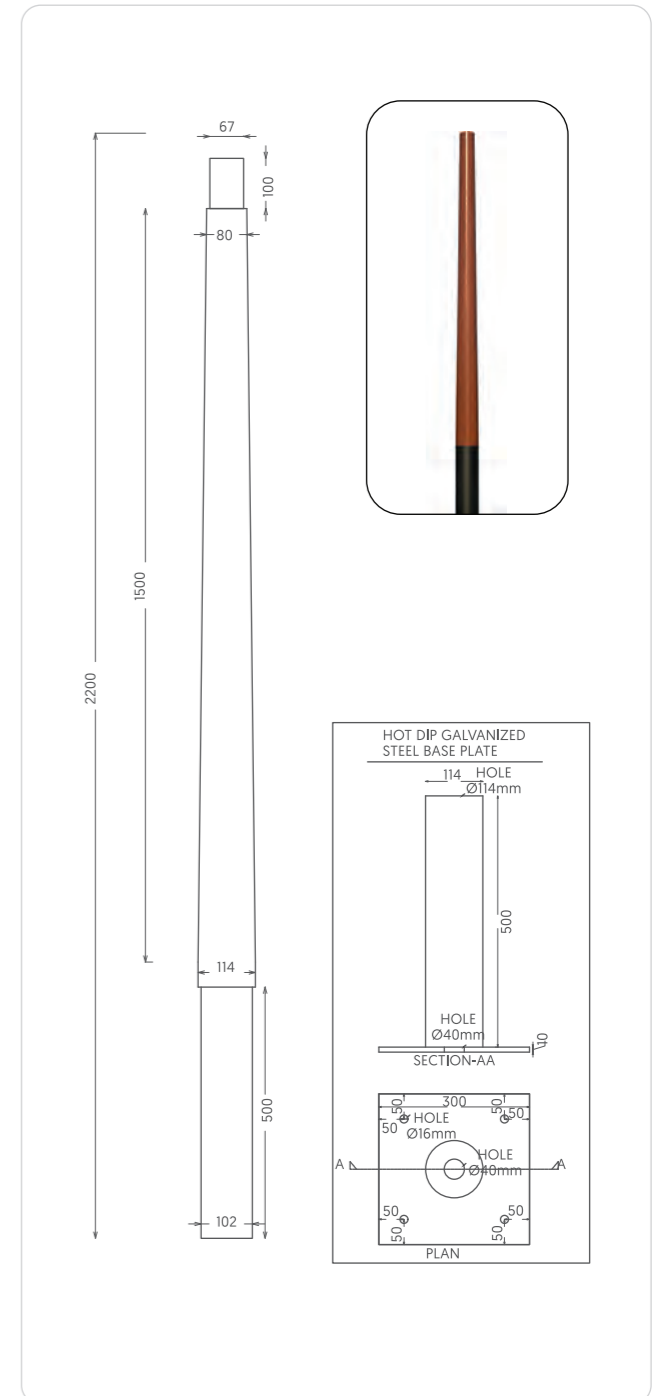
Input Voltage	CCT	Beam Angle	Color Finish
3 - 240V	27 - 2700K	376 - T2A/T2B/T2D	02 - Dark Grey
	30 - 3000K	377 - T3A/T3B/T3D	06 - Black
	40 - 4000K	378 - T4A/T4B/T4D	07 - White
	50 - 5000K	379 - T5A/T5B/T5D	
	60 - 6000K		

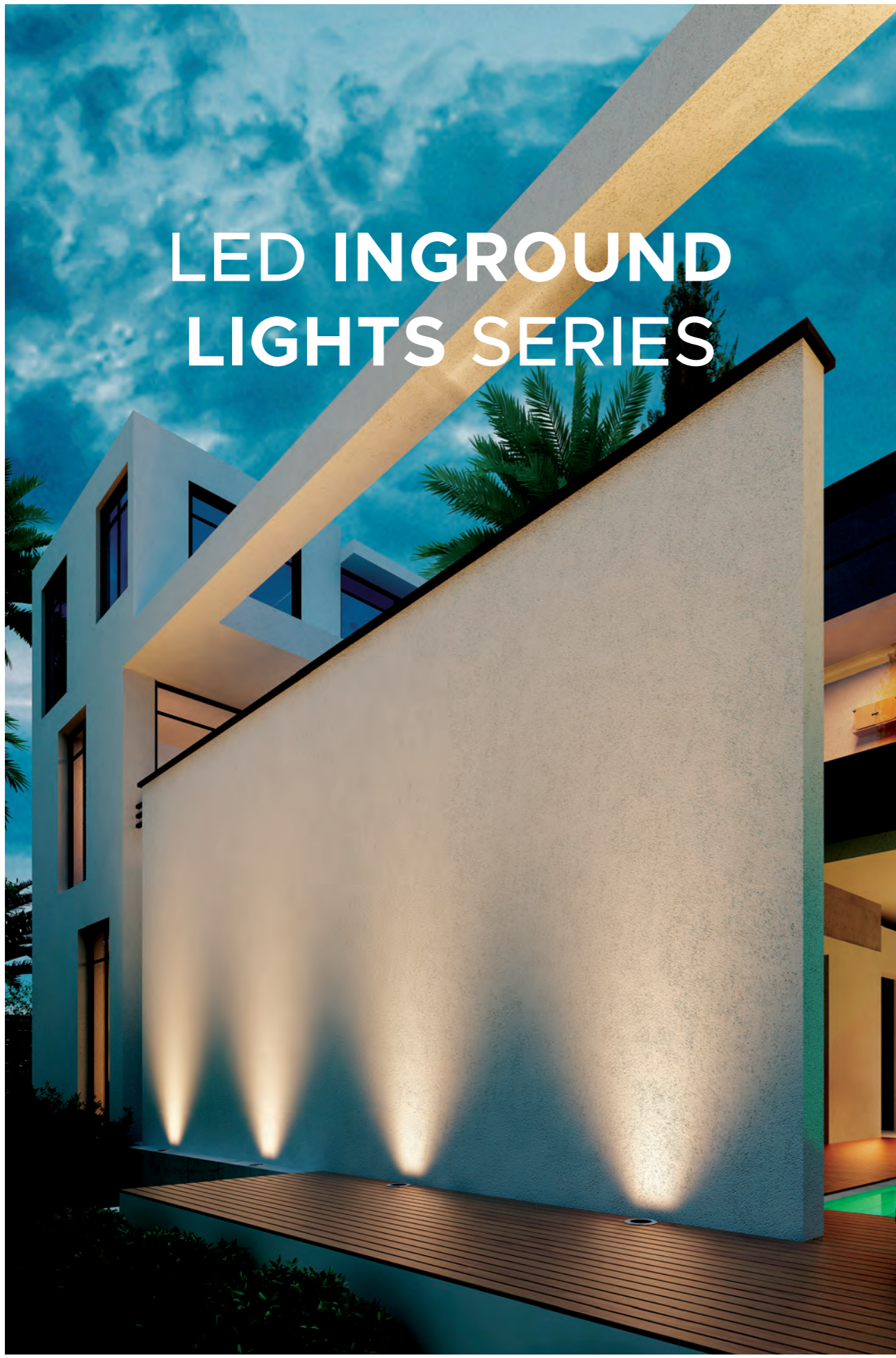
Hot dip galvanized steel



121123 / 121124 / 121125

Wood





LED INGROUND LIGHTS SERIES

HUGO SERIES

P : 043 - 046



RUTH SERIES

P : 047 - 050



FAIDON SERIES

P : 051 - 054



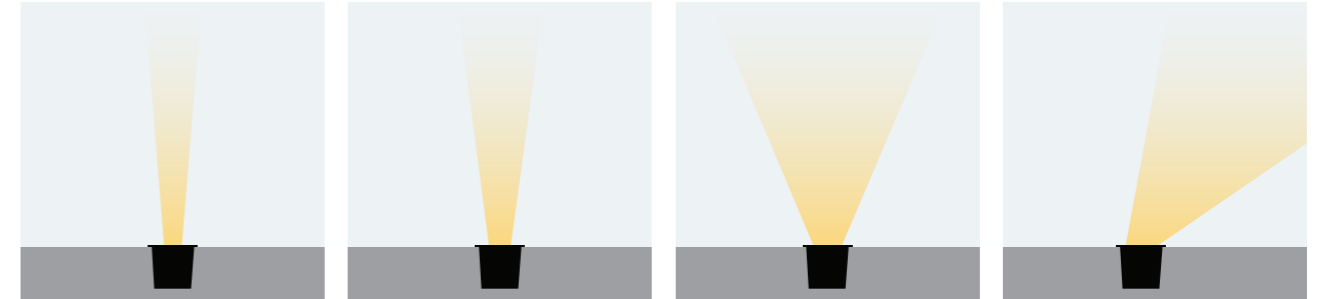


LED IN-GROUND LIGHTS

In-ground lights are perhaps one of the most important elements when attempting to further improve any environment and bringing out the aesthetics of a landscape or structure. The installation of these luminaires aims to light pathways, create borders or make the most of any architecture and landscape by highlighting desired spaces. The recessed in-ground series are the appropriate products for drawing attention to decorative elements, identifying a building's architectural features, adding

drama to surfaces and highlighting any desired green space. The primary benefit of such luminaires is the effect and function of the light without the visibility of the unit as it will disappear below the surface. With such a unique housing design and cutting-edge optical mechanism, the in-ground series comes in a wide variety of models. Our range of in-ground luminaires is of excellent quality and design allowing for the illumination of any landscape requirement.

DESIGN RANGE



With various designs and functionalities, each model is made specifically with certain criteria in mind. Some models have the option for altering lighting angles, while others boast a bright illumination at the cost of being at a fixed angle. With such a wide range of available models, we guarantee our in-ground lights to provide exactly what your project needs.

MODEL VARIETY

The range of our in-ground luminaires allow for each project to be fitted with their specific requirement, some of our more prominent models include:



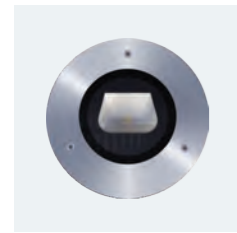
Hugo Series

The Hugo series is categorized by its SMD LED technology offering a great level of efficiency and broad light beam. As a result of their adjustable beam angle, they can match the requirements of any design. With this advantage, they are the ideal options to be used for lighting landscapes or architectural elements near pathways and avenues.

Ruth Series

The Ruth series are characterized by their buried COB LED source of light. The series is particularly versatile and can be customized using a variety of filters and louvres. Additionally, their beam angle adjustment option makes them a completely limitless source for accent lighting.





Faidon Series

This category of recessed in-ground luminaires is distinguished by their asymmetric optics for more emphasis on the object. Available in a variety of sizes and wattages, they are designed for lighting facades, feature walls, columns and sculptures.

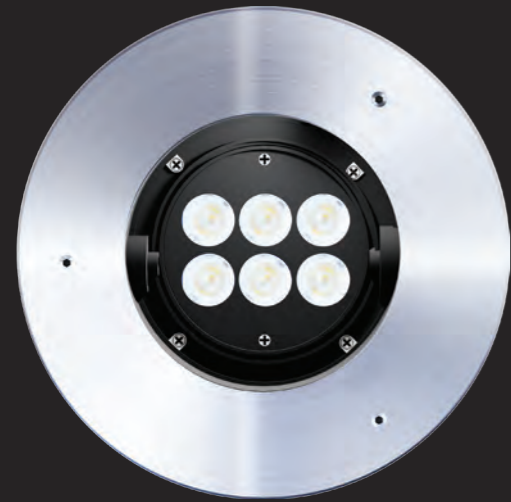


STABILITY AND LONGEVITY

All our luminaires are made with high-grade material such as extruded or die-cast aluminum bodies with an anti-corrosion or anti-ageing electrostatic spray finish for more reliability; along with a wide range of prominent diffusers for a variety of lighting options. Due to their usage and general placing in a project, all of our in-ground lights are built with high impact and damage resistance to ensure durability and longevity and come with a 3-5 year warranty.



HUGO SERIES



Product Description

The products are self-developed with independent intellectual property rights and utility model patents. The beam direction of luminaire can be 25° adjustable by external knob of the luminaire. Unique spherical heat dissipation structure design enables the luminaire with excellent heat dissipation and helps prolong lifespan of the product. Front ring of luminaire made of Tantalizing 316L stainless steel while lamp housing made of environmental and high tensile ACD12# die-casting aluminum, and the surface of lamp housing is with American Tiger Powder Paint Treatment, suitable for high-acid and alkali environments use. Ultra clear and highly strengthen 8mm tempered glass cover, ensure high luminous efficacy (90-95%), outstanding accuracy of color temperature, and excellent impact resistance and rub resistance. Uses CREE LED with super brightness, high CRI 80+ (even 90+ is available) and Uniformity of light Color as its light source. Top quality driver, components and excellent circuit design ensures the product with stable quality and low failure rate. Optional DMX512, 0/1-10V, DALI, TRIAC, PWM dimming function. Accessory: high-impact durable ABS mounting sleeve.

Material Specification

Front Cover	: Stainless Steel 316L
Housing	: Die-cast Aluminum
Mounting Sleeve	: ABS
Diffuser	: Tempered Glass
Gasket	: Tooling Shaped Seal
Driver	: Constant current output
Power Cable	: H05RN-F 2x1.0mm ² L-0.5m (low voltage) H05RN-F 3x0.75mm ² L-0.5m (high voltage) H05RN-F 4x0.75mm ² L-0.5m (RGB Color) H05RN-F 5x0.5mm ² L-0.5m (RGBW Color)

Applications

Pathways, Garden, Garage, inground lights, led inground light, landscape lighting

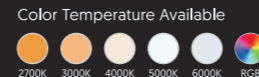
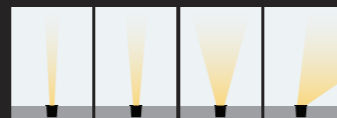
Installation Control

On/Off version
(Optional 0/1-10V, DALI, Triac, PWM, RGB, RGBW)

Color Finish

Stainless Steel

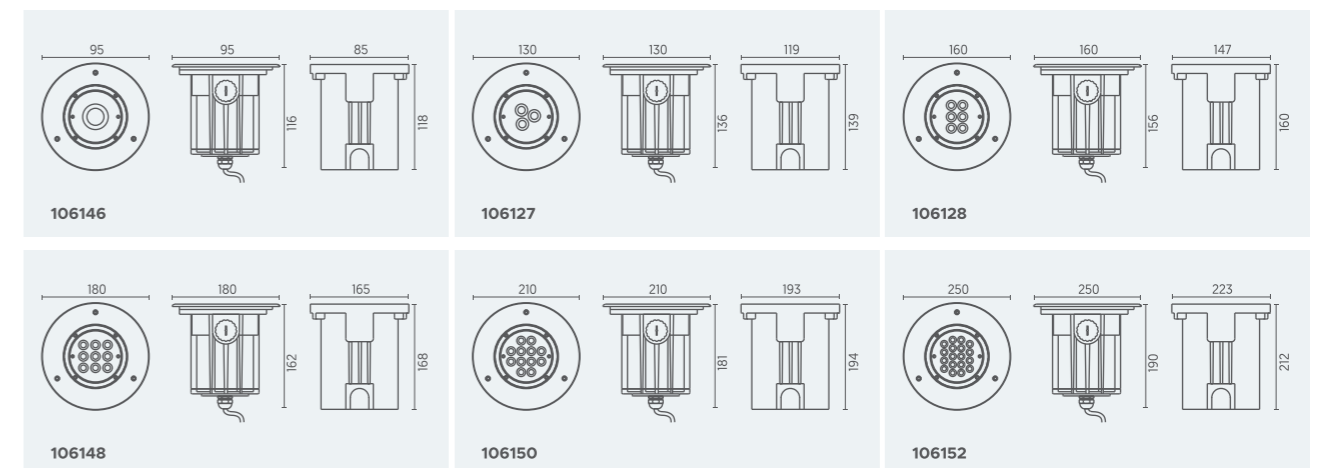
Light Source



Adjustable Inground Light



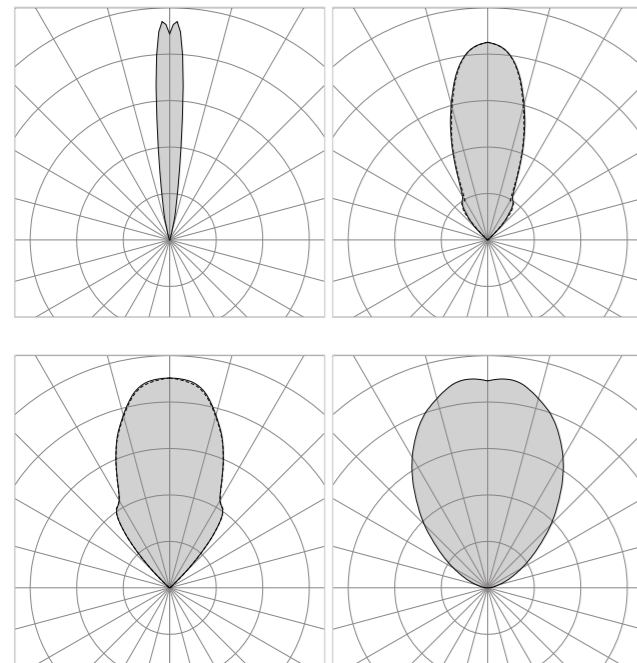
Product Dimension



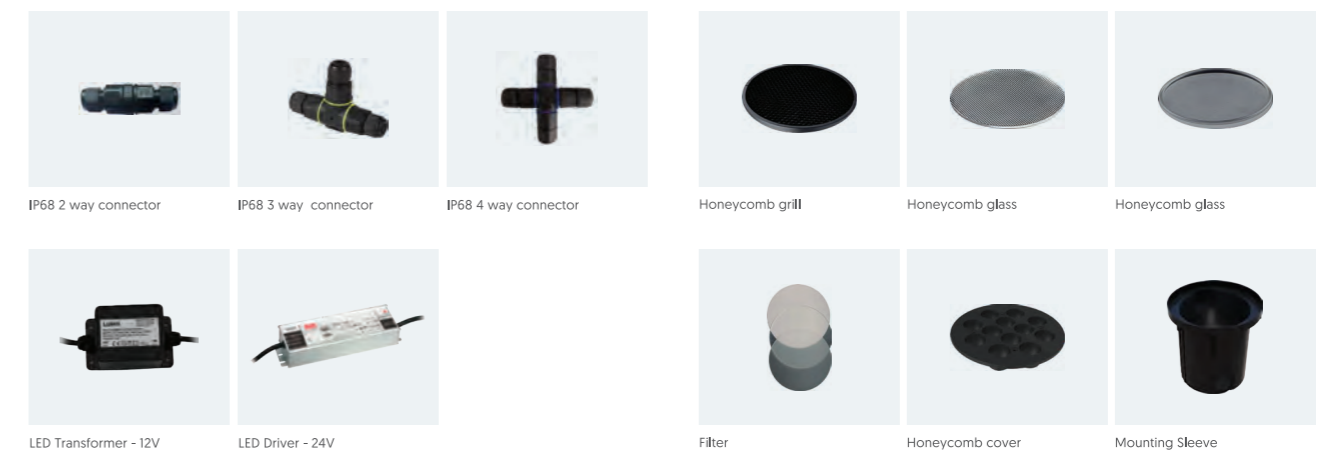
Product Specification

Part No.	Wattage	Input Voltage	Lumen(WW)	Beam Angle	Color Temp.	Protection
106146	1x2W	12V DC /24V DC / 100-240V AC	110lm	10°/20°/30°/40°/60°	2700K/3000K/4000K/ 5000K/6000K/RGB	IP67
106127	3x2W	12V DC /24V DC / 100-240V AC	420lm	10°/20°/30°/40°/60°	2700K/3000K/4000K/ 5000K/6000K/RGB	IP67
106128	6x2W	12V DC /24V DC / 100-240V AC	900lm	10°/20°/30°/40°/60°	2700K/3000K/4000K/ 5000K/6000K/RGB	IP67
106148	9x2W	12V DC /24V DC / 100-240V AC	1440lm	10°/20°/30°/40°/60°	2700K/3000K/4000K/ 5000K/6000K/RGB	IP67
106150	12x2W	12V DC /24V DC / 100-240V AC	2040lm	10°/20°/30°/40°/60°	2700K/3000K/4000K/ 5000K/6000K/RGB	IP67
106152	18x2W	12V DC /24V DC / 100-240V AC	3240lm	10°/20°/30°/40°/60°	2700K/3000K/4000K/ 5000K/6000K/RGB	IP67

Light Distribution



Accessories



Order Code Format



Input Voltage	CCT	Beam Angle	Color Finish
1 - 12V	27 - 2700K	010 - 10°	03 - stainless steel
2 - 24V	30 - 3000K	020 - 20°	
3 - 240V	40 - 4000K	030 - 30°	
	50 - 5000K	040 - 40°	
	60 - 6000K	060 - 60°	
	01 - RGB		

RUTH SERIES



Product Description

The products are self-developed with independent intellectual property rights and utility model patents. The beam direction of luminaire can be 25° adjustable by external knob of the luminaire. Unique spherical heat dissipation structure design enables the luminaire with excellent heat dissipation and helps prolong lifespan of the product. Front ring of luminaire made of Tantalizing 316L stainless steel while lamp housing made of environmental and high tensile ACD12# die-casting aluminum, and the surface of lamp housing is with American Tiger Powder Paint Treatment, suitable for high-acid and alkali environments use. Ultra clear and highly strengthen 8mm tempered glass cover, ensure high luminous efficacy (90-95%), outstanding accuracy of color temperature, and excellent impact resistance and rub resistance. Uses CREE LED with super brightness, high CRI 80+ (even 90+ is available) and Uniformity of light Color as its light source. Top quality driver, components and excellent circuit design ensures the product with stable quality and low failure rate. Optional DMX512, 0/1-10V, DALI, TRIAC, PWM dimming function. Accessory: high-impact durable ABS mounting sleeve.

Material Specification

Front Cover	: Stainless Steel 316L
Housing	: Die-cast Aluminum
Mounting Sleeve	: ABS
Diffuser	: Tempered Glass
Gasket	: Tooling Shaped Seal
Driver	: Constant current output
Power Cable	: H05RN-F 2x1.0mm ² L-0.5m (low voltage) H05RN-F 3x0.75mm ² L-0.5m (high voltage) H05RN-F 4x0.75mm ² L-0.5m (RGB Color) H05RN-F 5x0.5mm ² L-0.5m (RGBW Color)

Applications

Pathways, Garden, Garage, inground lights, led inground light, landscape lighting

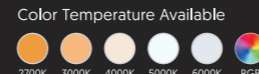
Installation Control

On/Off version
(Optional 0/1-10V, DALI, Triac, PWM, RGB, RGBW)

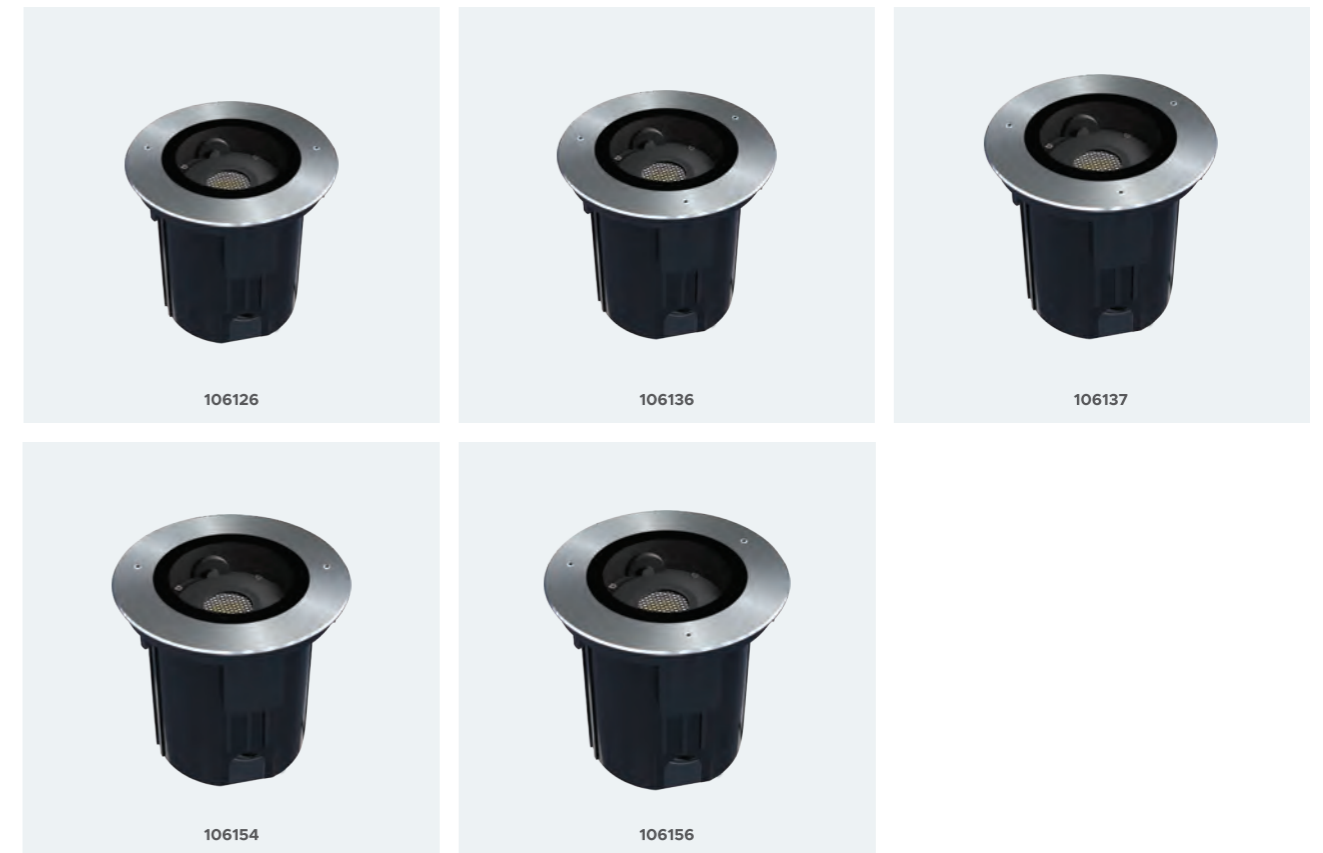
Color Finish

Stainless Steel

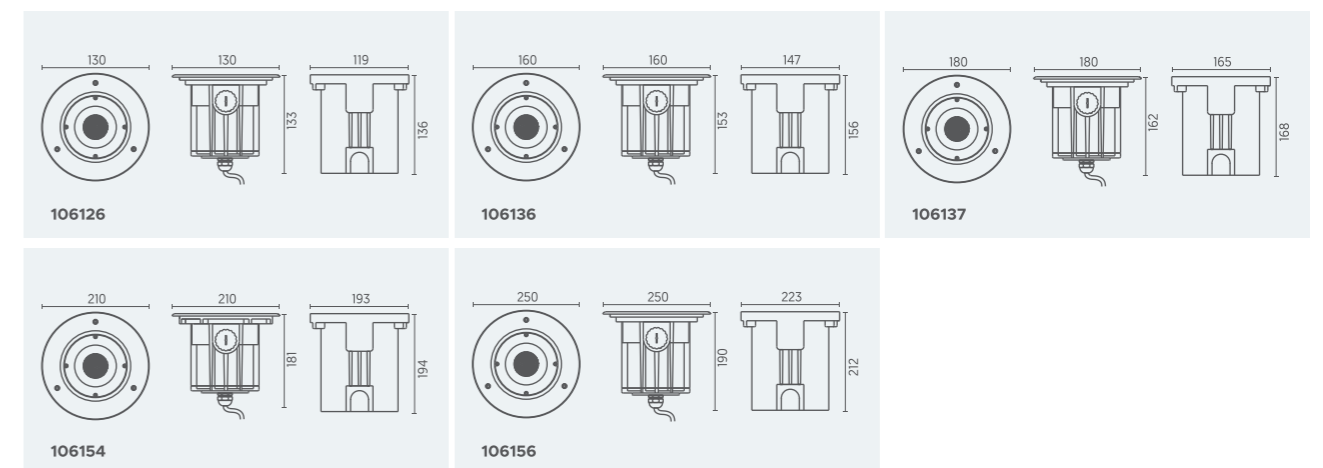
Light Source



Adjustable Inground Light



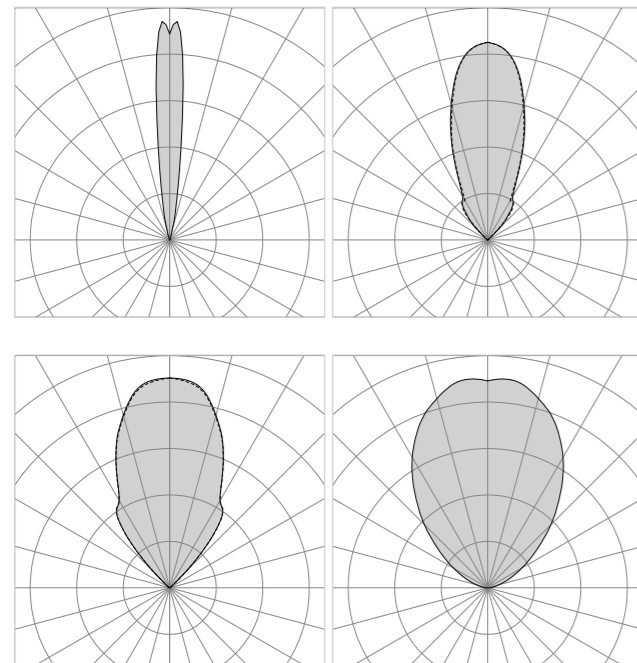
Product Dimension



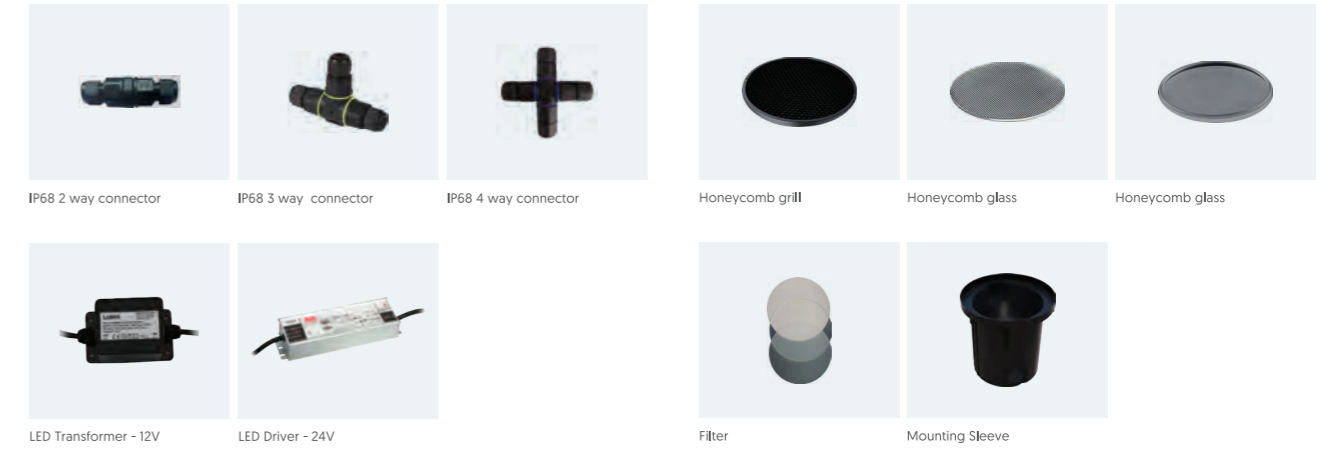
Product Specification

Part No.	Wattage	Input Voltage	Lumen(WW)	Beam Angle	Color Temp.	Protection
106126	6W	12V DC /24V DC / 100-240V AC	480lm	18°/25°/40°/60°	2700K/3000K/4000K/ 5000K/6000K/RGB	IP67
106136	12W	12V DC /24V DC / 100-240V AC	960lm	18°/25°/40°/60°	2700K/3000K/4000K/ 5000K/6000K/RGB	IP67
106137	18W	12V DC /24V DC / 100-240V AC	1440lm	18°/25°/40°/60°	2700K/3000K/4000K/ 5000K/6000K/RGB	IP67
106154	24W	12V DC /24V DC / 100-240V AC	2040lm	18°/25°/40°/60°	2700K/3000K/4000K/ 5000K/6000K/RGB	IP67
106156	33W	12V DC /24V DC / 100-240V AC	2970lm	18°/25°/40°/60°	2700K/3000K/4000K/ 5000K/6000K/RGB	IP67

Light Distribution



Accessories

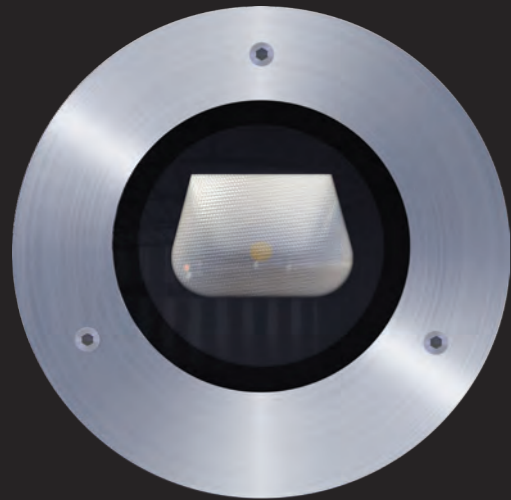


Order Code Format



Input Voltage	CCT	Beam Angle	Color Finish
1 - 12V	27 - 2700K	018 - 18°	03 - stainless steel
2 - 24V	30 - 3000K	025 - 25°	
3 - 240V	40 - 4000K	040 - 40°	
	50 - 5000K	060 - 60°	
	60 - 6000K		
	01 - RGB		

FAIDON SERIES



Product Description

The products are self-developed with independent intellectual property rights and utility model patents. Unique spherical heat dissipation structure design enables the luminaire with excellent heat dissipation and helps prolong lifespan of the product. Front ring of luminaire made of Tetanizing 316L stainless steel while lamp housing made of environmental and high tensile ACD12# die-casting aluminum, and the surface of lamp housing is with American Tiger Powder Paint Treatment, suitable for high-acid and alkali environments use. Ultra clear and highly strengthen 8mm tempered glass cover, ensure high luminous efficacy [90-95%], outstanding accuracy of color temperature, and excellent impact resistance and rub resistance. Uses CREE LED with super brightness, high CRI 80+ (even 90+ is available) and Uniformity of light Color as its light source. Top quality driver, components and excellent circuit design ensures the product with stable quality and low failure rate. Optional DMX512, 0/1-10V, DALI, TRIAC, PWM dimming function. Accessory: high-impact durable ABS mounting sleeve.

Material Specification

Front Cover	: Stainless Steel 316L
Housing	: Die-cast Aluminum
Mounting Sleeve	: ABS
Diffuser	: Tempered Glass
Gasket	: Tooling Shaped Seal
Driver	: Constant current output
Power Cable	: H05RN-F 2x1.0mm ² L-0.5m (low voltage) H05RN-F 3x0.75mm ² L-0.5m (high voltage) H05RN-F 4x0.75mm ² L-0.5m (RGB Color) H05RN-F 5x0.5mm ² L-0.5m (RGBW Color)

Applications

Pathways, Garden, Garage, inground lights, led inground light, landscape lighting

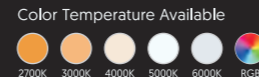
Installation Control

On/Off version
(Optional 0/1-10V, DALI, Triac, PWM, RGB, RGBW)

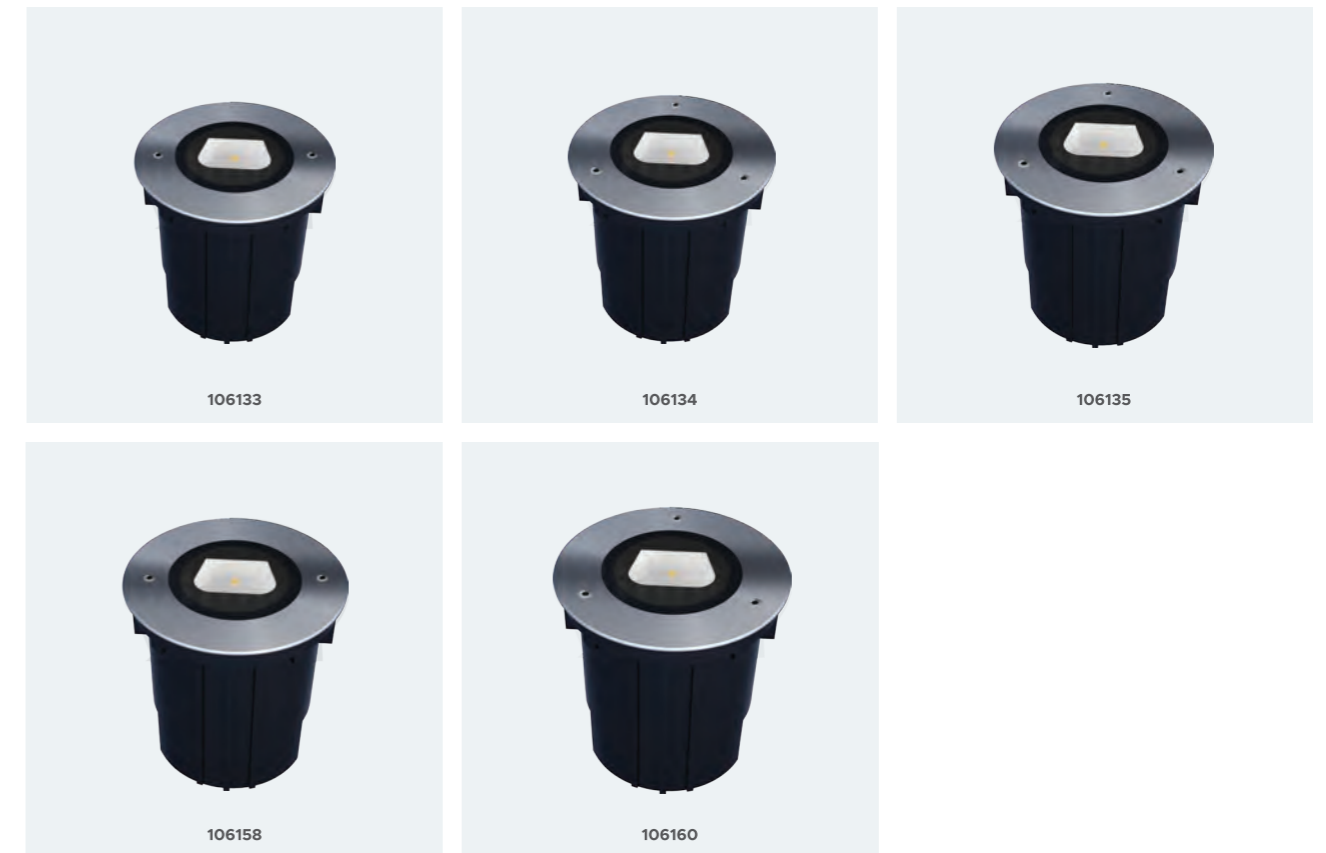
Color Finish

Stainless Steel

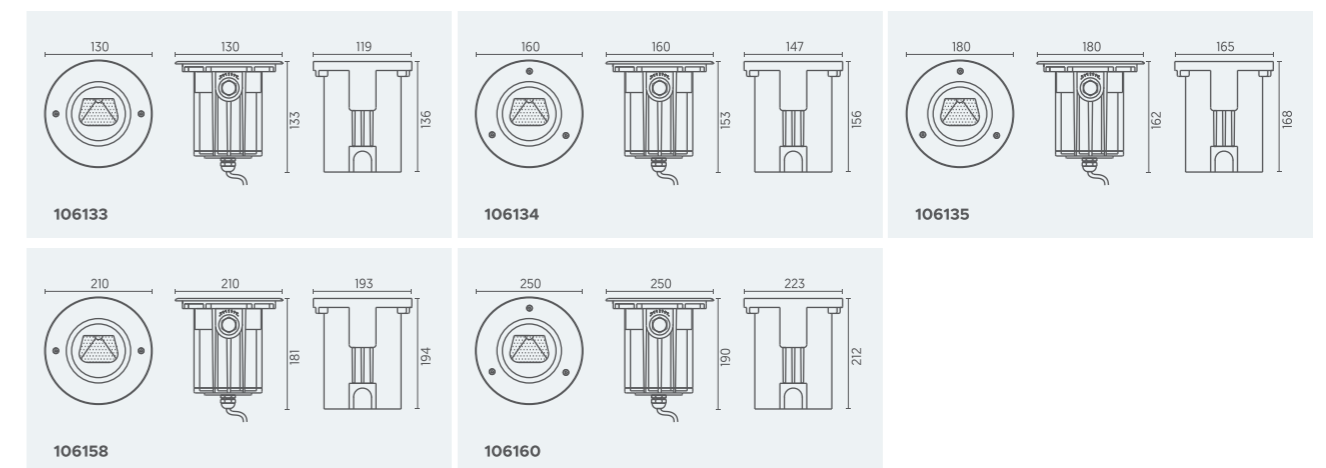
Light Source



Inground Light



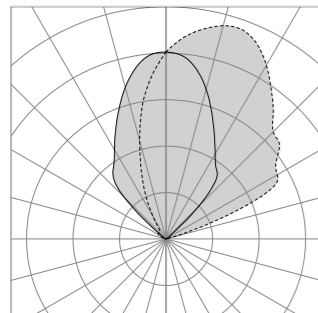
Product Dimension



Product Specification

Part No.	Wattage	Input Voltage	Lumen(WW)	Beam Angle	Color Temp.	Protection
106133	8W	12V DC /24V DC / 100-240V AC	705lm	27°x70°	2700K/3000K/4000K/ 5000K/6000K/RGB	IP67
106134	12W	12V DC /24V DC / 100-240V AC	1056lm	27°x70°	2700K/3000K/4000K/ 5000K/6000K/RGB	IP67
106135	18W	12V DC /24V DC / 100-240V AC	1585lm	27°x70°	2700K/3000K/4000K/ 5000K/6000K/RGB	IP67
106158	25W	12V DC /24V DC / 100-240V AC	2200lm	27°x70°	2700K/3000K/4000K/ 5000K/6000K/RGB	IP67
106160	30W	12V DC /24V DC / 100-240V AC	2640lm	27°x70°	2700K/3000K/4000K/ 5000K/6000K/RGB	IP67

Light Distribution



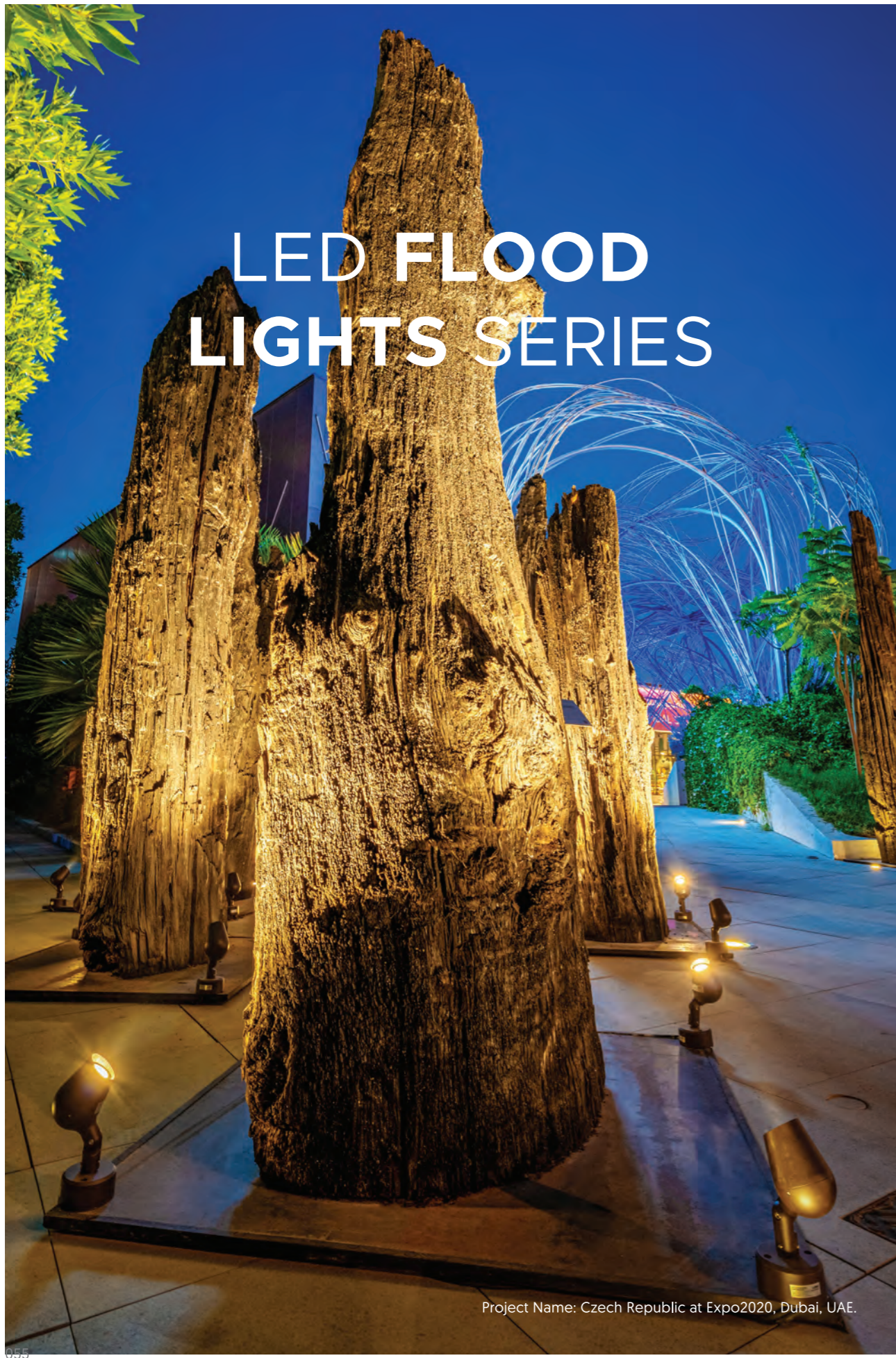
Accessories



Order Code Format



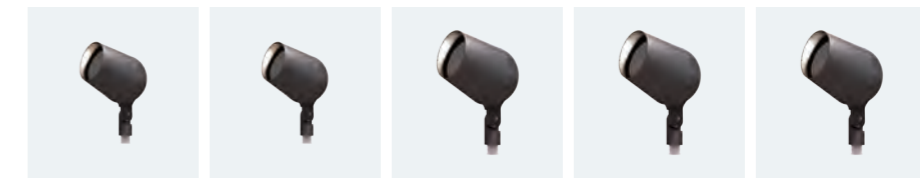
Input Voltage	CCT	Beam Angle	Color Finish
1 - 12V	27 - 2700K	380 - 27°x70°	03 - stainless steel
2 - 24V	30 - 3000K		
3 - 240V	40 - 4000K		
	50 - 5000K		
	60 - 6000K		
	01 - RGB		



LED FLOOD LIGHTS SERIES

Project Name: Czech Republic at Expo2020, Dubai, UAE.

CHARM SERIES
P : 057 - 062



110146 110138 110139 110140 110141

WERFER RL SERIES
P : 063 - 065



110132 110131 110134 110136

WERFER SL SERIES
P : 066 - 068



110135 110127 110129 110130

WERFER RS SERIES
P : 069 - 072



110126 110125

CHARM SERIES



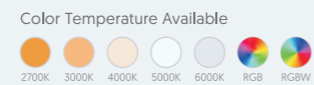
Product Description

Compact architectural and stylish outdoor innovative projector for variety of floodlighting applications, ideal for accent lighting, available in different sizes/ wattage options, with high power LED, high-pressure die-casting aluminium body, stainless steel screws, high strength toughened glass, extremely narrow to wide beam options, rotationally symmetric light distribution, integrated power supply with dimmable options.

Material Specification

Installation	: Spike In-ground / Tree / Surface Mounted
Body Material	: Die-cast Aluminum
Diffuser	: Clear tempered glass
Driver	: In-Built
Power Cable	: H05RN-F 3x1.5mm ² L-0.5m [High voltage] H05RN-F 2x1.0mm ² L-0.5m [low voltage] H05RN-F 4x0.75mm ² L-0.5m [RGB Color] H05RN-F 5x0.5mm ² L-0.5m [RGBW Color]

Color Finish



Control

On/Off version
[Optional 0/1-10V, DALI, DMX 512]

Light Source



Different types of Installation

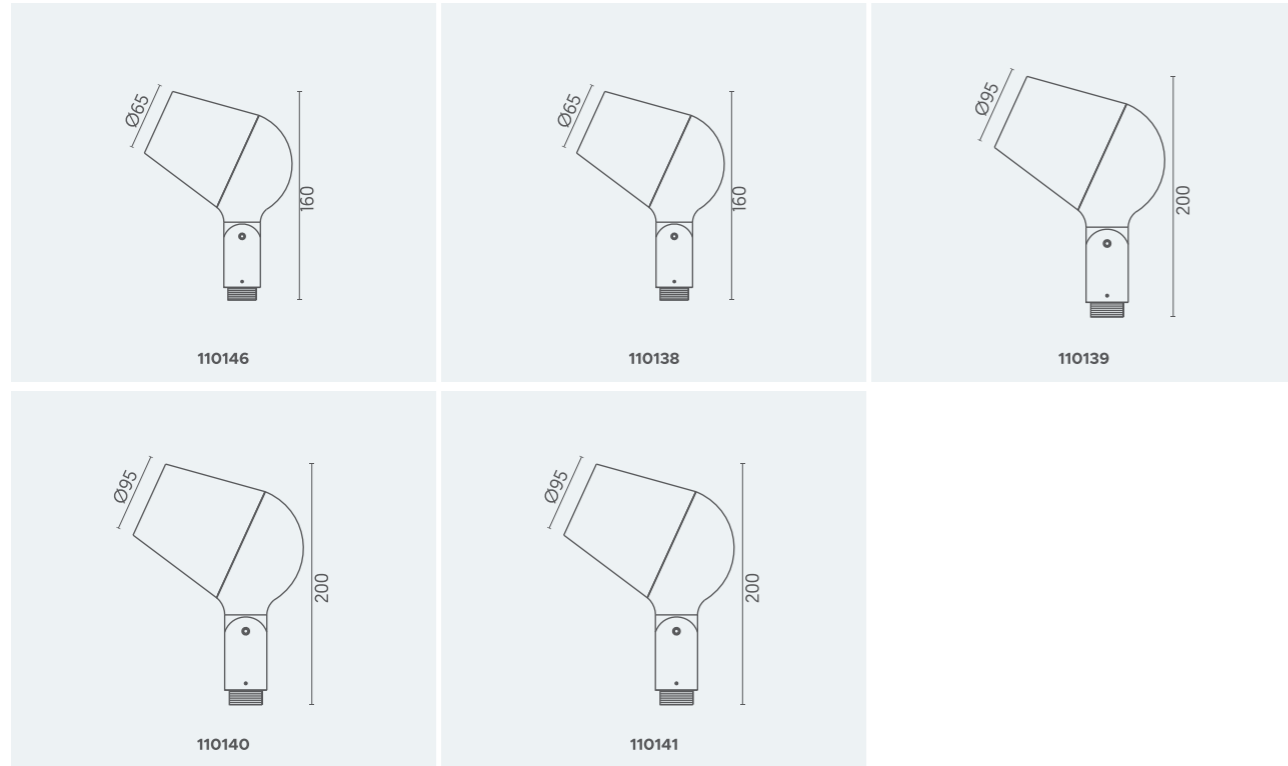


Product Specification

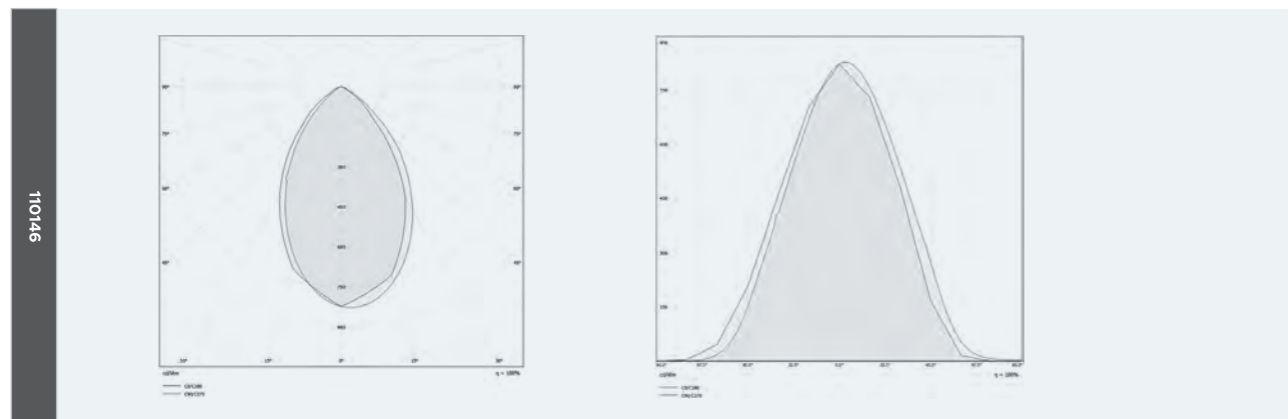
Part No.	Wattage	Input Voltage	Lumen(WW)	Beam Angle	Color Temp.	Protection
110146	12W	100-240V AC / 24V DC	1200lm	15°/26°/36°/ 60°/40x70°	2700K/3000K/4000K/ 5000K/6000K/RGB/RGBW	IP66
110138	20W	100-240V AC / 24V DC	2000lm	15°/26°/36°/ 60°/40x70°	2700K/3000K/4000K/ 5000K/6000K/RGB/RGBW	IP66
110139	30W	100-240V AC / 24V DC	3000lm	15°/26°/36°/ 60°/40x70°	2700K/3000K/4000K/ 5000K/6000K/RGB/RGBW	IP66
110140	40W	100-240V AC / 24V DC	4000lm	15°/26°/36°/ 60°/40x70°	2700K/3000K/4000K/ 5000K/6000K/RGB/RGBW	IP66
110141	60W	100-240V AC / 24V DC	6000lm	15°/26°/36°/ 60°/40x70°	2700K/3000K/4000K/ 5000K/6000K/RGB/RGBW	IP66

* Other control methods (Dali, 0/1-10V Dimming, RGB DMX), Beam angles and color finishes can be made as per order.

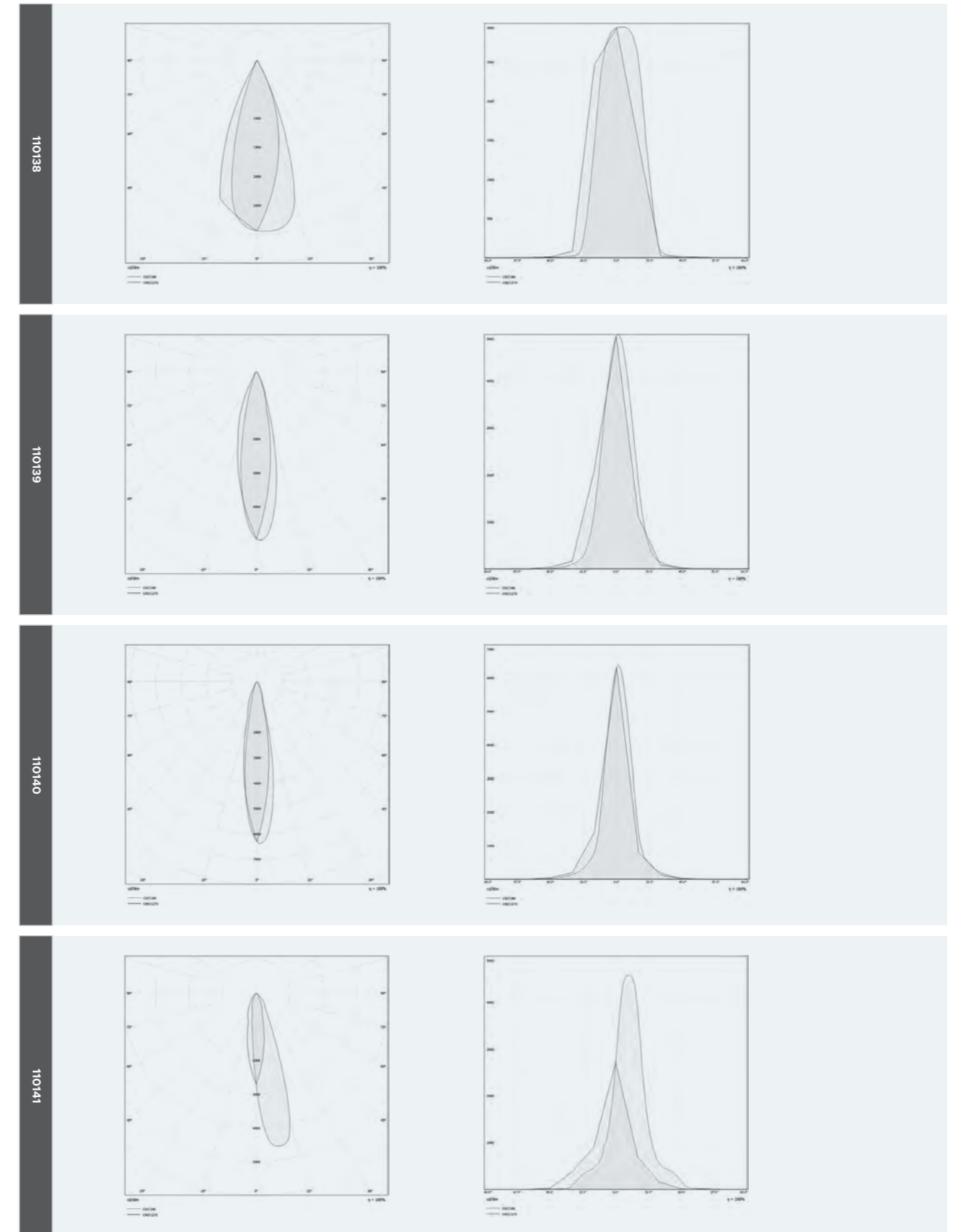
Product Diagram



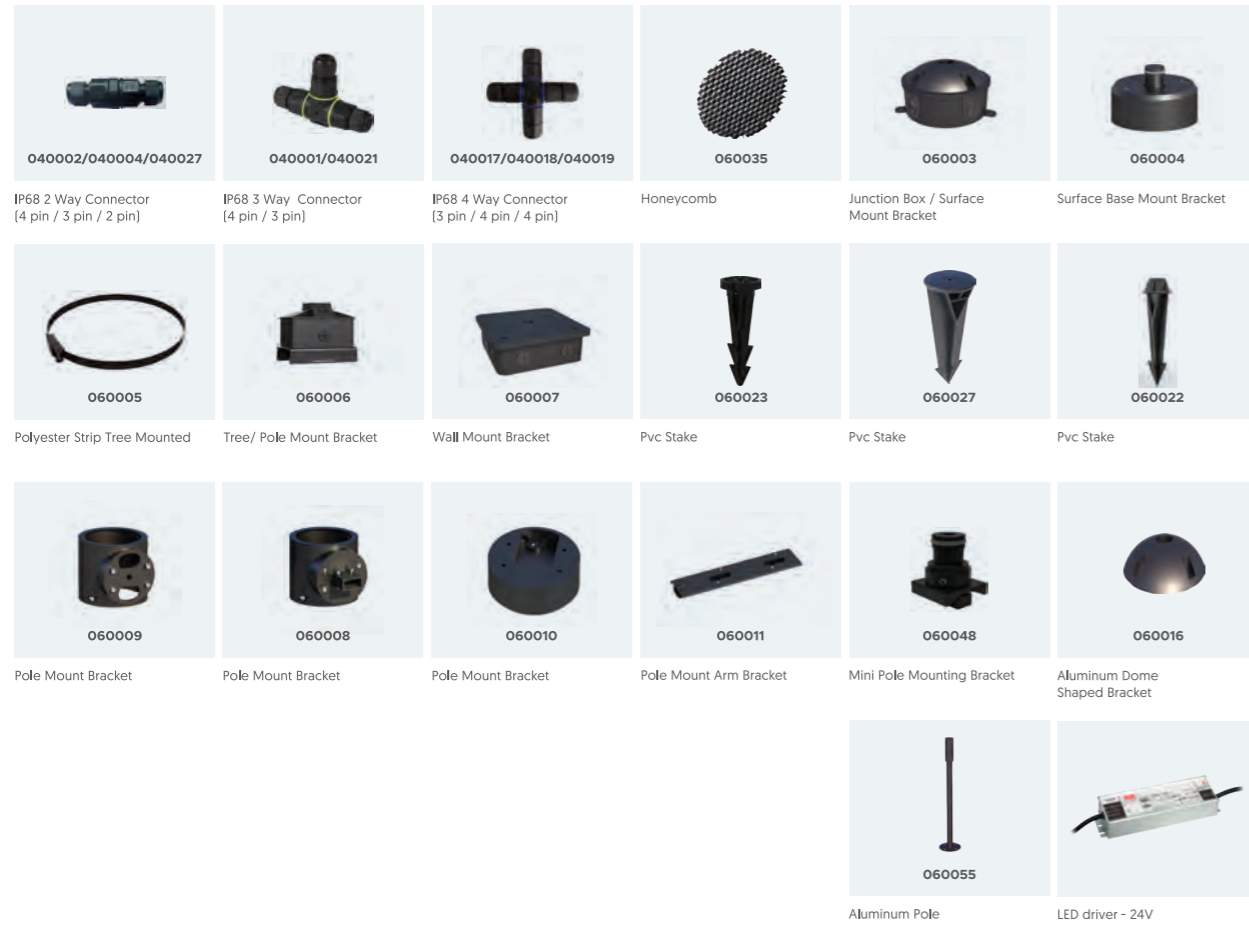
Luminous Intensity Distribution Diagram



Luminous Intensity Distribution Diagram



Accessories



Order Code Format



Input Voltage	CCT	Beam Angle	Color Finish
2 - 24V	27 - 2700K	015 - 15°	01 - grey
3 - 100-240V	30 - 3000K	026 - 26°	02 - Dark Grey
	40 - 4000K	036 - 36°	26 - Textured
	50 - 5000K	060 - 60°	Architectural Bronze
	60 - 6000K	381 - 40x70°	06 - Black
	01 - RGB		
	02 - RGBW		



Project Name: Czech Republic at Expo2020, Dubai, UAE.

WERFER RL SERIES



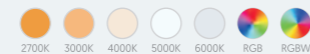
Product Description

Independent intellectual property design reveals senses of elegance, fashion, art, especially bring strong sense of industrial style. Integrated thermal design guarantees long working time. Ultra clear and highly strengthen tempered glass cover, ensure high luminous efficacy (90-95%), outstanding accuracy of color temperature, and excellent impact resistance and rub resistance. Environmental friendly highly strengthen die-casting aluminum housing with Tiger powder coated spraying process, could reach over 1000 hours in salt spray test and ensure the usage in high humid environments like seaside. Apply international top brand CREE LED to achieve high lumen output, great photochromic consistency and CRI>80Ra (>90Ra is available). Various installation modes to satisfy multiple outdoor project requirements, such as multidirectional base mounting, multidirectional tree ring mounting and multidirectional ground spike mounting.

Color Finish



Color Temperature Available



Control

On/Off version
[Optional 0/1-10V, DALI, DMX 512]

Light Source



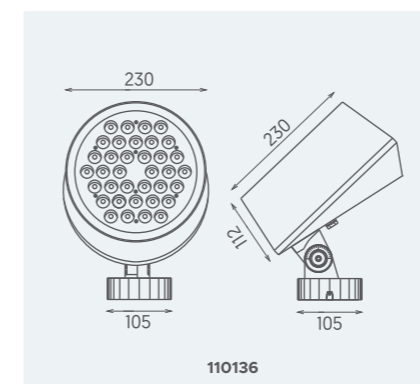
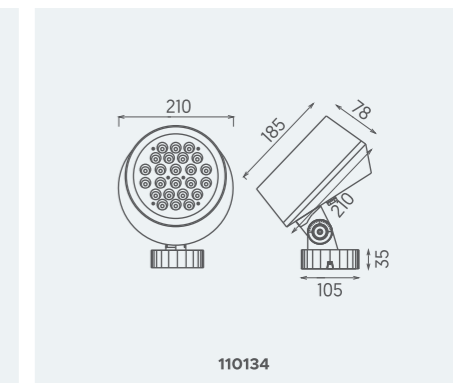
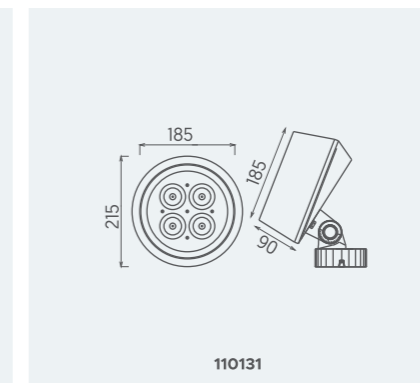
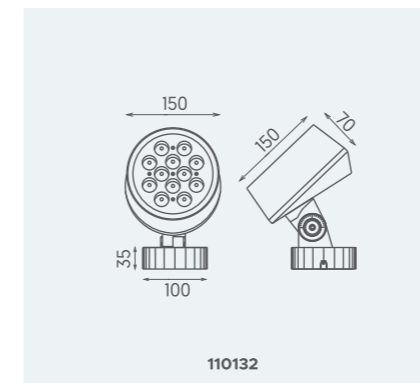
Material Specification

Installation	: Spike In-ground / Tree / Surface Mounted
Body Material	: Die-cast Aluminum
Diffuser	: Clear tempered glass
Driver	: In-Built
Power Cable	: H05RN-F 3x1.5mm ² L-0.5m [High voltage] H05RN-F 2x1.0mm ² L-0.5m [low voltage] H05RN-F 4x0.75mm ² L-0.5m [RGB Color] H05RN-F 5x0.5mm ² L-0.5m [RGBW Color]

Product Images



Product Diagram

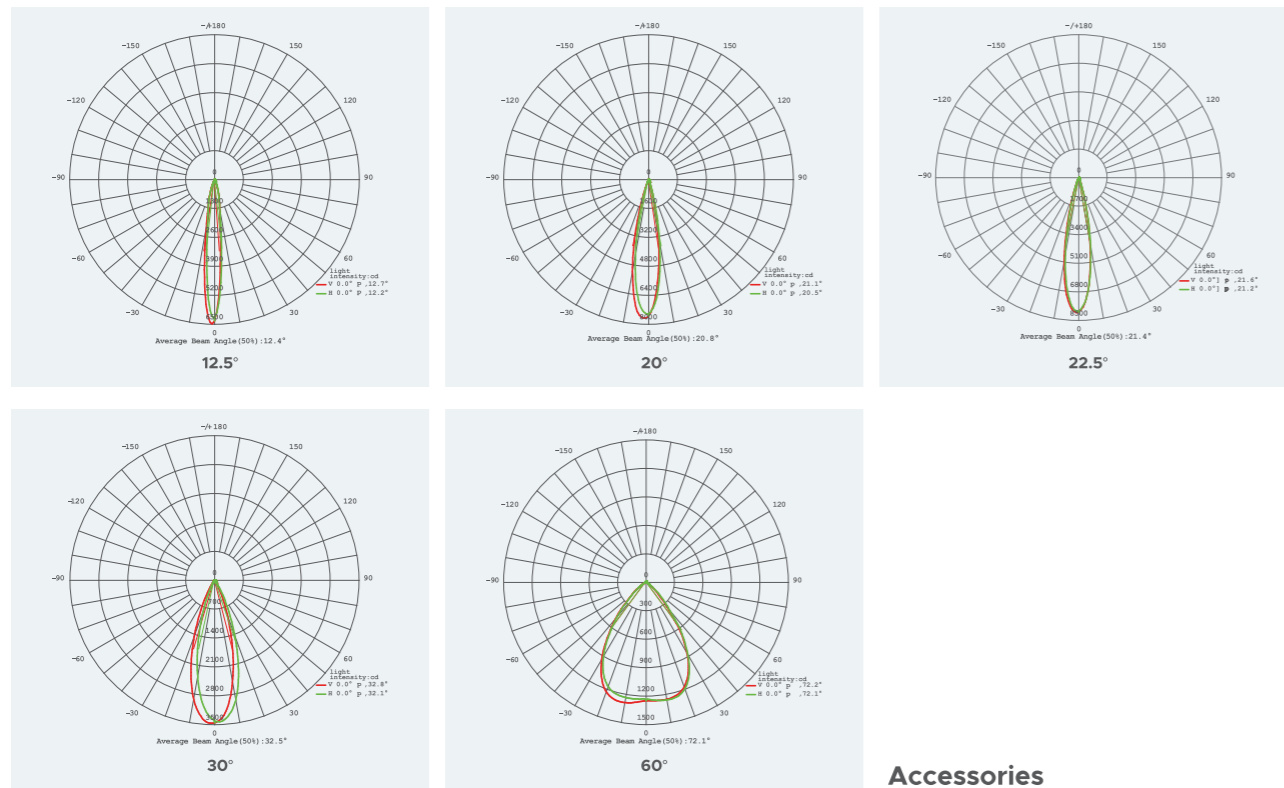


Product Specification

Part No.	Wattage	Input Voltage	Lumen(WW)	Beam Angle	Color Temp.	Protection
110132	24W	220-240V AC / 24V DC	2230lm	15°/26°/30°/ 60°/40x70°	2700K/3000K/4000K/ 5000K/6000K/RGB/RGBW	IP66
110131	40W	220-240V AC / 24V DC	3720lm	15°/26°/36°/ 60°/40x70°	2700K/3000K/4000K/ 5000K/6000K/RGB/RGBW	IP66
110134	48W	220-240V AC / 24V DC	4465lm	10°/26°/36°/ 60°/40x70°	2700K/3000K/4000K/ 5000K/6000K/RGB/RGBW	IP66
110136	72W	220-240V AC / 24V DC	6700lm	5°/12.5°/20°/30°/40°/ 60°/15x30°/10x60°	2700K/3000K/4000K/ 5000K/6000K/RGB/RGBW	IP66

* Other control methods [Dali, 0/1-10V Dimming, RGB DMX], Beam angles and color finishes can be made as per order.

Light Distribution



Order Code Format



Input Voltage	CCT	Beam Angle		Color Finish
2 - 24V	27 - 2700K	005 - 5°	036 - 36°	01 - grey
3 - 100-240V	30 - 3000K	010 - 10°	040 - 40°	06 - Black
	40 - 4000K	012 - 12.5°	060 - 60°	07 - White
	50 - 5000K	015 - 15°	368 - 10x60°	
	60 - 6000K	020 - 20°	372 - 15x30°	
	01 - RGB	026 - 26°	381 - 40x70°	
	02 - RGBW	030 - 30°		

Accessories



WERFER SL SERIES



Product Description

Independent intellectual property design reveals senses of elegance, fashion, art, especially bring strong sense of industrial style. Integrated thermal design guarantees long working time. Ultra clear and highly strengthen tempered glass cover, ensure high luminous efficacy (90-95%), outstanding accuracy of color temperature, and excellent impact resistance and rub resistance. Environmental friendly highly strengthen die-casting aluminum housing with Tiger powder coated spraying process, could reach over 1000 hours in salt spray test and ensure the usage in high humid environments like seaside. Apply international top brand CREE LED to achieve high lumen output, great photochromic consistency and CRI>80Ra (>90Ra is available). Various installation modes to satisfy multiple outdoor project requirements, such as multidirectional base mounting, multidirectional tree ring mounting and multidirectional ground spike mounting.

Color Finish



Color Temperature Available



Control

On/Off version
[Optional 0/1-10V, DALI, DMX 512]

Light Source



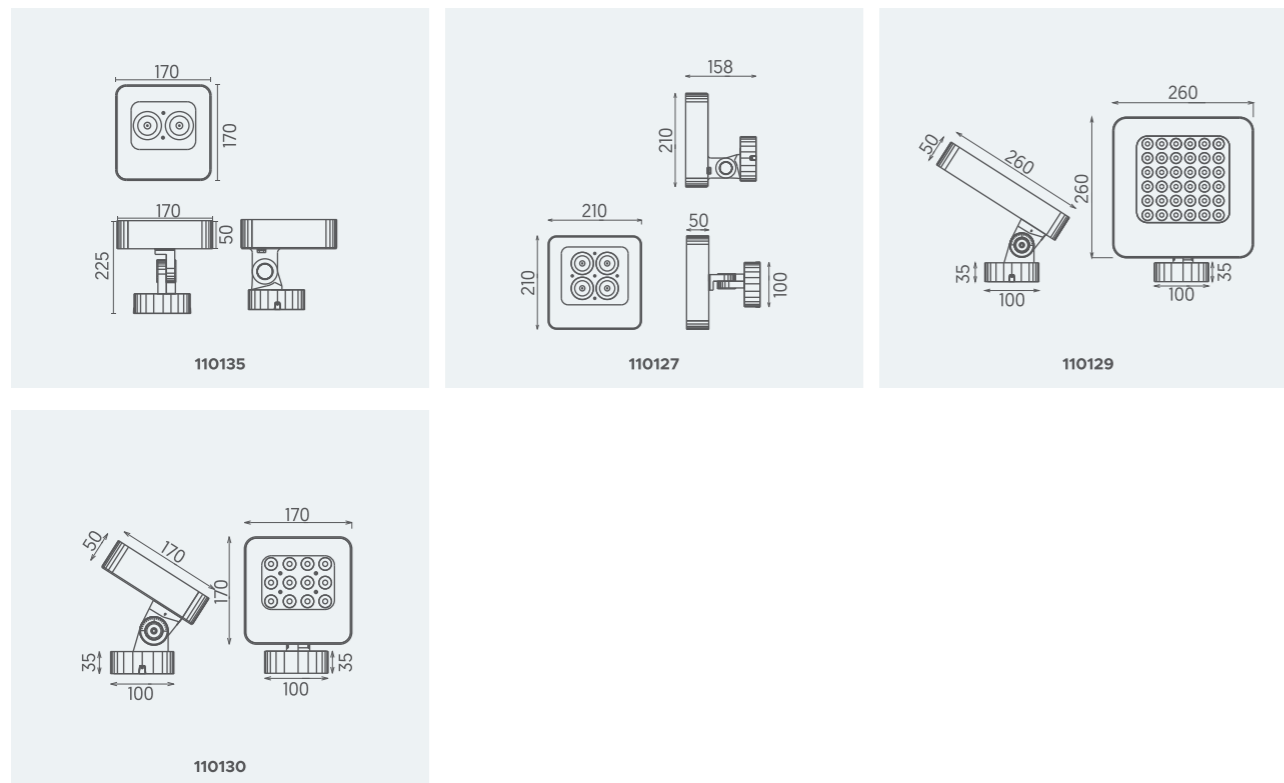
Material Specification

Installation	: Spike In-ground / Tree / Surface Mounted
Body Material	: Die-cast Aluminum
Diffuser	: Clear tempered glass
Driver	: In-Built
Power Cable	: H05RN-F 3x1.5mm2 L-0.5m (High voltage) H05RN-F 2x1.0mm2 L-0.5m (low voltage) H05RN-F 4x0.75mm2 L-0.5m (RGB Color) H05RN-F 5x0.5mm2 L-0.5m (RGBW Color)

Product Images



Product Diagram

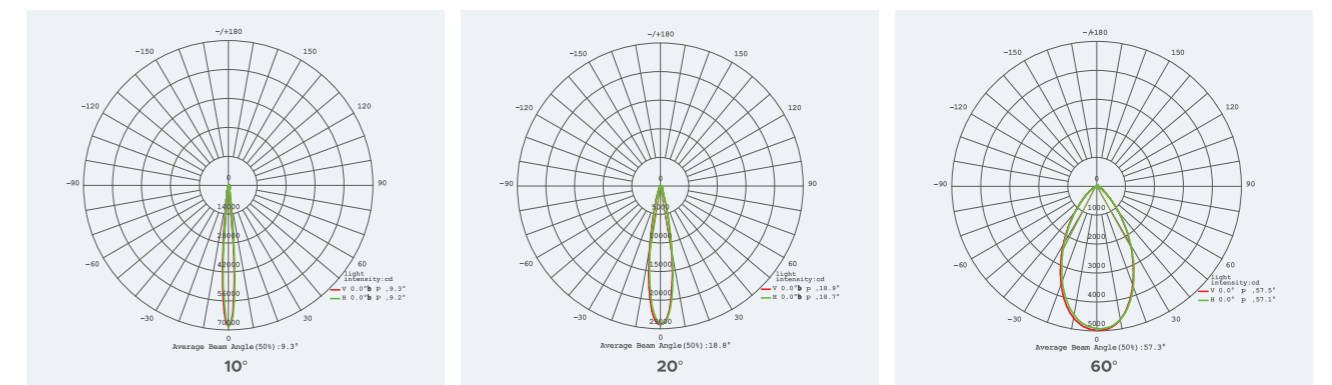


Product Specification

Part No.	Wattage	Input Voltage	Lumen(WW)	Beam Angle	Color Temp.	Protection
110135	2x6W	220-240V AC / 24V DC	1140lm	120°	2700K/3000K/4000K/5000K/6000K/RGB/RGBW	IP66
110127	4x9W	220-240V AC / 24V DC	3350lm	10°/36°/60°	2700K/3000K/4000K/5000K/6000K/RGB/RGBW	IP66
110129	58W	220-240V AC / 24V DC	5360lm	10°/20°/30°/40°/60°	2700K/3000K/4000K/5000K/6000K/RGB/RGBW	IP66
110130	12x2W	220-240V AC / 24V DC	2230lm	10°/20°/30°/40°/60°	2700K/3000K/4000K/5000K/6000K/RGB/RGBW	IP66

* Other control methods [Dali, 0/1-10V Dimming, RGB DMX], Beam angles and color finishes can be made as per order.

Light Distribution



Accessories



Order Code Format



Input Voltage	CCT	Beam Angle	Color Finish
2 - 24V	27 - 2700K	010 - 10°	01 - grey
3 - 100-240V	30 - 3000K	020 - 20°	06 - Black
	40 - 4000K	030 - 30°	07 - White
	50 - 5000K	036 - 36°	
	60 - 6000K	040 - 40°	
	01 - RGB	060 - 60°	
	02 - RGBW	120 - 120°	

WERFER RS SERIES



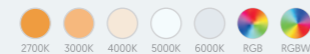
Product Description

Independent intellectual property design reveals senses of elegance, fashion, art, especially bring strong sense of industrial style. Integrated thermal design guarantees long working time. Ultra clear and highly strengthen tempered glass cover, ensure high luminous efficacy (90-95%), outstanding accuracy of color temperature, and excellent impact resistance and rub resistance. Environmental friendly highly strengthen die-casting aluminum housing with Tiger powder coated spraying process, could reach over 1000 hours in salt spray test and ensure the usage in high humid environments like seaside. Apply international top brand CREE LED to achieve high lumen output, great photochromic consistency and CRI>80Ra (>90Ra is available). Various installation modes to satisfy multiple outdoor project requirements, such as multidirectional base mounting, multidirectional tree ring mounting and multidirectional ground spike mounting.

Color Finish



Color Temperature Available



Control

On/Off version
[Optional 0/1-10V, DALI, DMX 512]

Light Source



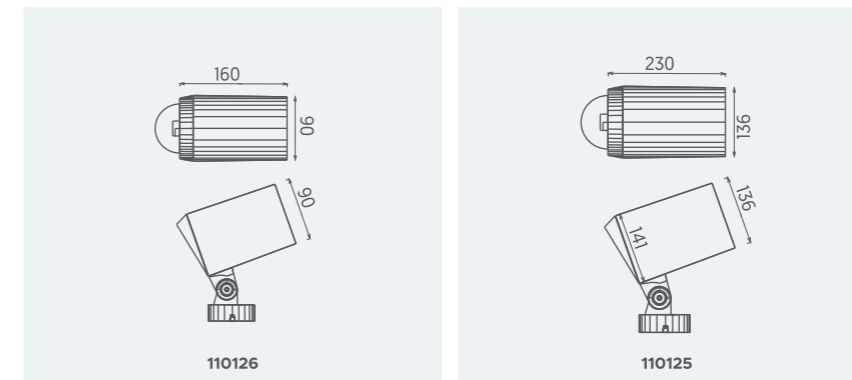
Material Specification

Installation	: Spike In-ground / Tree / Surface Mounted
Body Material	: Die-cast Aluminum
Diffuser	: Clear tempered glass
Driver	: In-Built
Power Cable	: H05RN-F 3x1.5mm ² L-0.5m [High voltage] H05RN-F 2x1.0mm ² L-0.5m [low voltage] H05RN-F 4x0.75mm ² L-0.5m [RGB Color] H05RN-F 5x0.5mm ² L-0.5m [RGBW Color]

Product Images



Product Diagram



Product Specification

Part No.	Wattage	Input Voltage	Lumen(WW)	Beam Angle	Color Temp.	Protection
110126	20W	220-240V AC / 24V DC	1800lm	24°/36°/60°	2700K/3000K/4000K/5000K/6000K/RGB/RGBW	IP66
110125	36W	220-240V AC / 24V DC	3240lm	24°/36°/60°	2700K/3000K/4000K/5000K/6000K/RGB/RGBW	IP66

* Other control methods [Dali, 0/1-10V Dimming, RGB DMX], Beam angles and color finishes can be made as per order.

Accessories



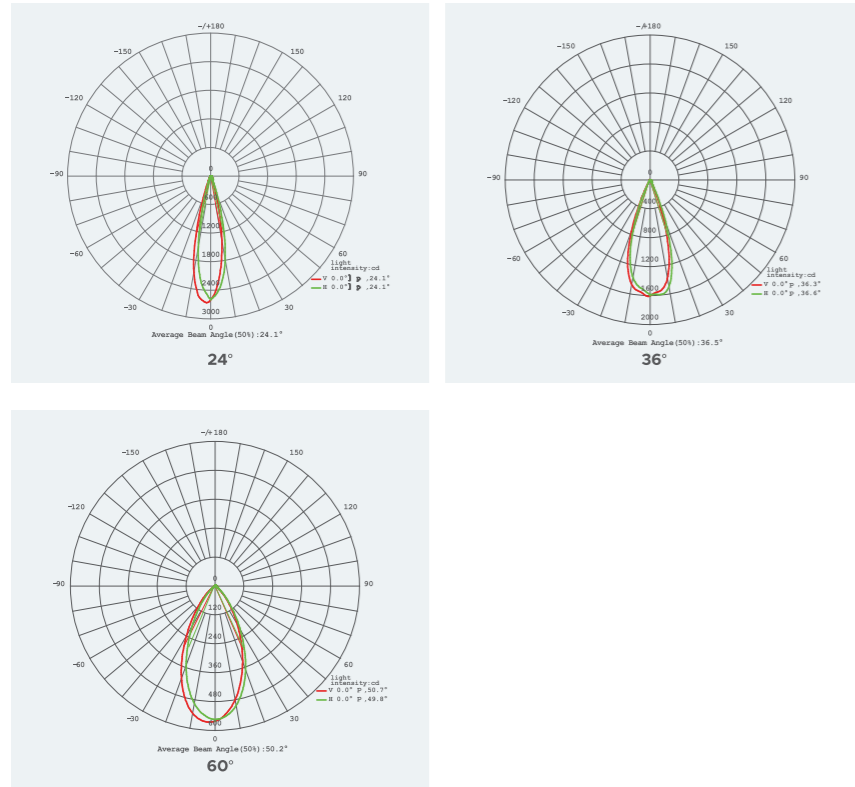
IP68 2 Way Connector
[4 pin / 3 pin / 2 pin]

IP68 3 Way Connector
[4 pin / 3 pin]

IP68 4 Way Connector
[3 pin / 4 pin / 4 pin]

LED driver - 24V

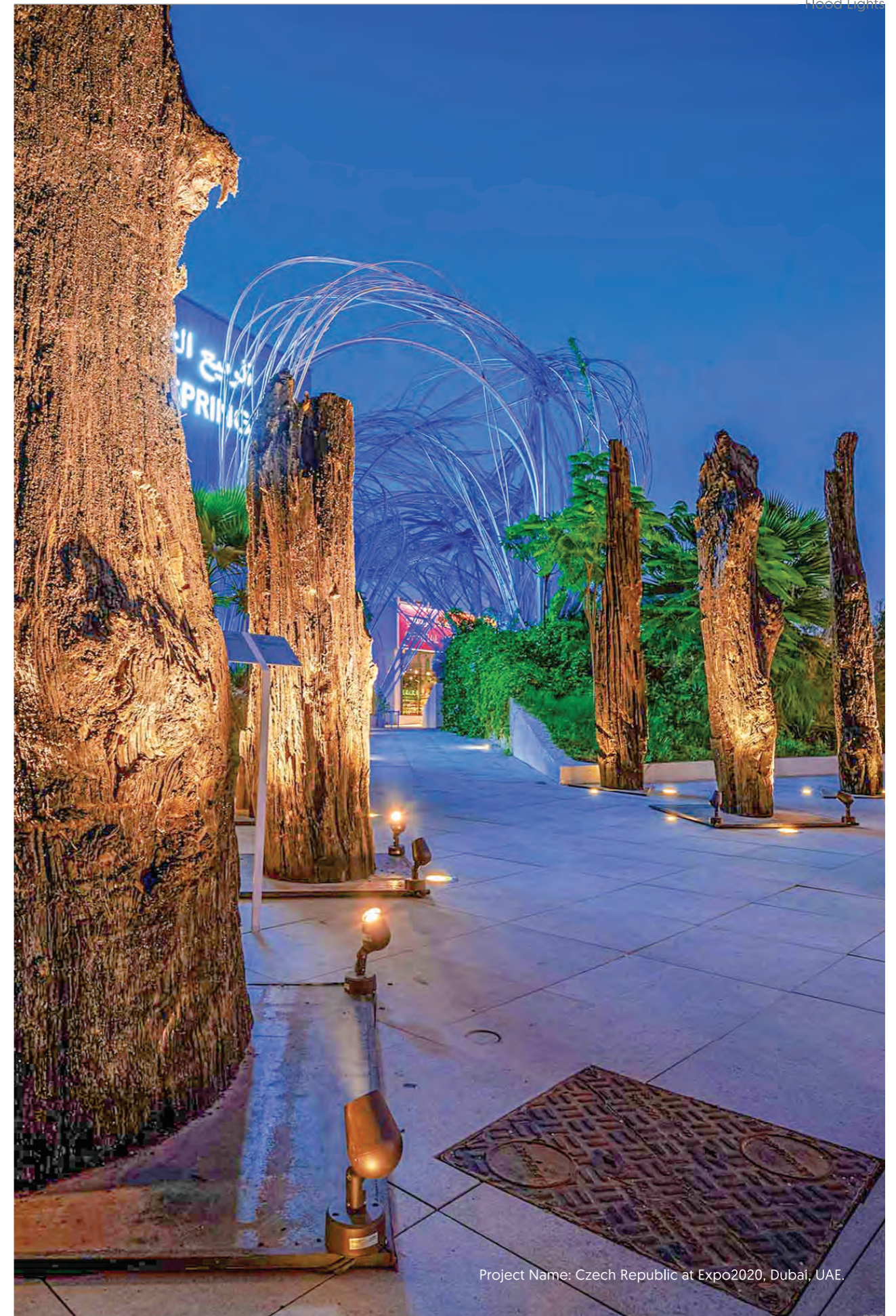
Light Distribution



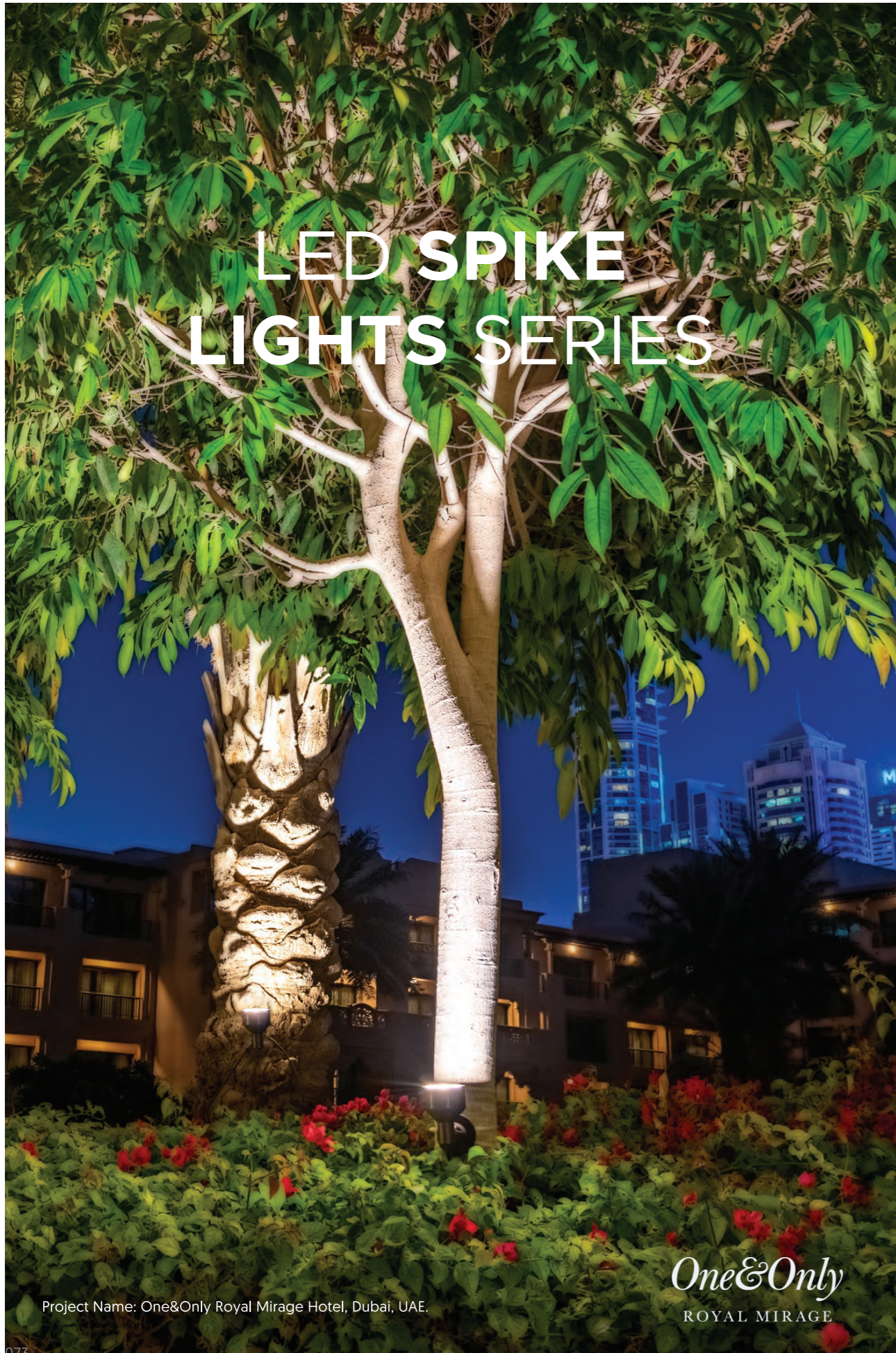
Order Code Format



Input Voltage	CCT	Beam Angle	Color Finish
2 - 24V	27 - 2700K	024 - 24°	01 - grey
3 - 100-240V	30 - 3000K	036 - 36°	06 - Black
	40 - 4000K	060 - 60°	07 - White
	50 - 5000K		
	60 - 6000K		
	01 - RGB		
	02 - RGBW		



Project Name: Czech Republic at Expo2020, Dubai, UAE.



LED SPIKE LIGHTS SERIES

One&Only
ROYAL MIRAGE

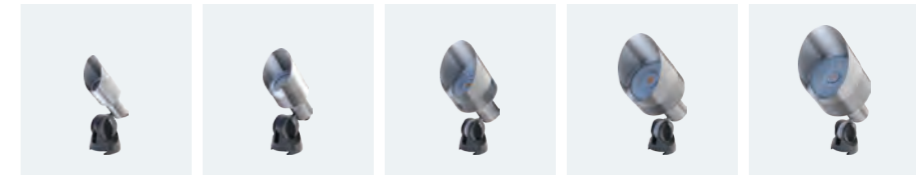
Project Name: One&Only Royal Mirage Hotel, Dubai, UAE.

SPEAR SERIES P : 075 - 079

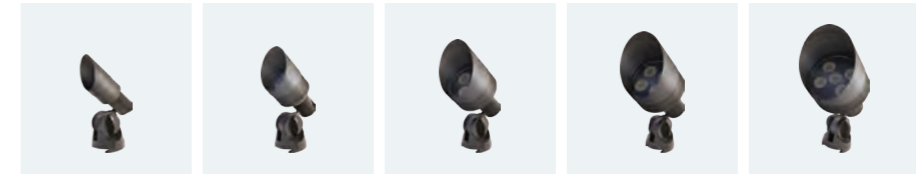


102132 102133 102145

PIECE & STAB SERIES P : 080 - 090

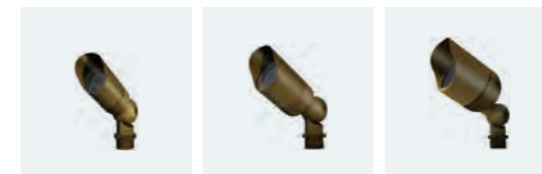


102134 102135 102136 102137 102138



102139 102140 102141 102142 102143

CREST SERIES P : 091 - 096



102150 102151 102152

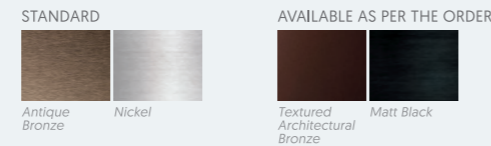
LED SPIKE LIGHTS SERIES



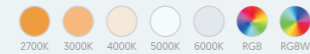
Product Description

LUMO® offers the greatest variety of professional quality low-voltage outdoor spike lights, in the landscape lighting industry. Every model is designed for easy installation and adjustment as well as a lifetime of durability in every type of outdoor environment. Constructed of solid brass, with no paint or powder coating to peel or corrode, they maintain their beauty for years to come. Our Spike Lights range from the most advanced and features of components to maintain the compact and effective miniature light. Beam angles are available from Wide Flood to Very Narrow depending on your demand. Light outputs vary from very low to very high intensity to cover all type of elements in your landscape design. Whatever you need to illuminate, LUMO® has the best outdoor LED spike lights for the application.

Color Finish



Color Temperature Available



Control

On/Off version
 [Optional 0/1-10V, DALI, DMX 512]

Light Source



LED Driver



Material Specification

Installation	: Bracket / Spike Mounted
Body Material	: Brass
Diffuser	: High-pressure clear tempered glass
Gasket	: water vapour resistant silicone
Driver	: External
Power Cable	: H05RN-F 2x1.0mm ² L-0.5m [low voltage] H05RN-F 4x0.75mm ² L-0.5m [RGB Color] H05RN-F 5x0.5mm ² L-0.5m [RGBW Color]

Section Drawing of Spear Series



Different types of Installation of Spear Series

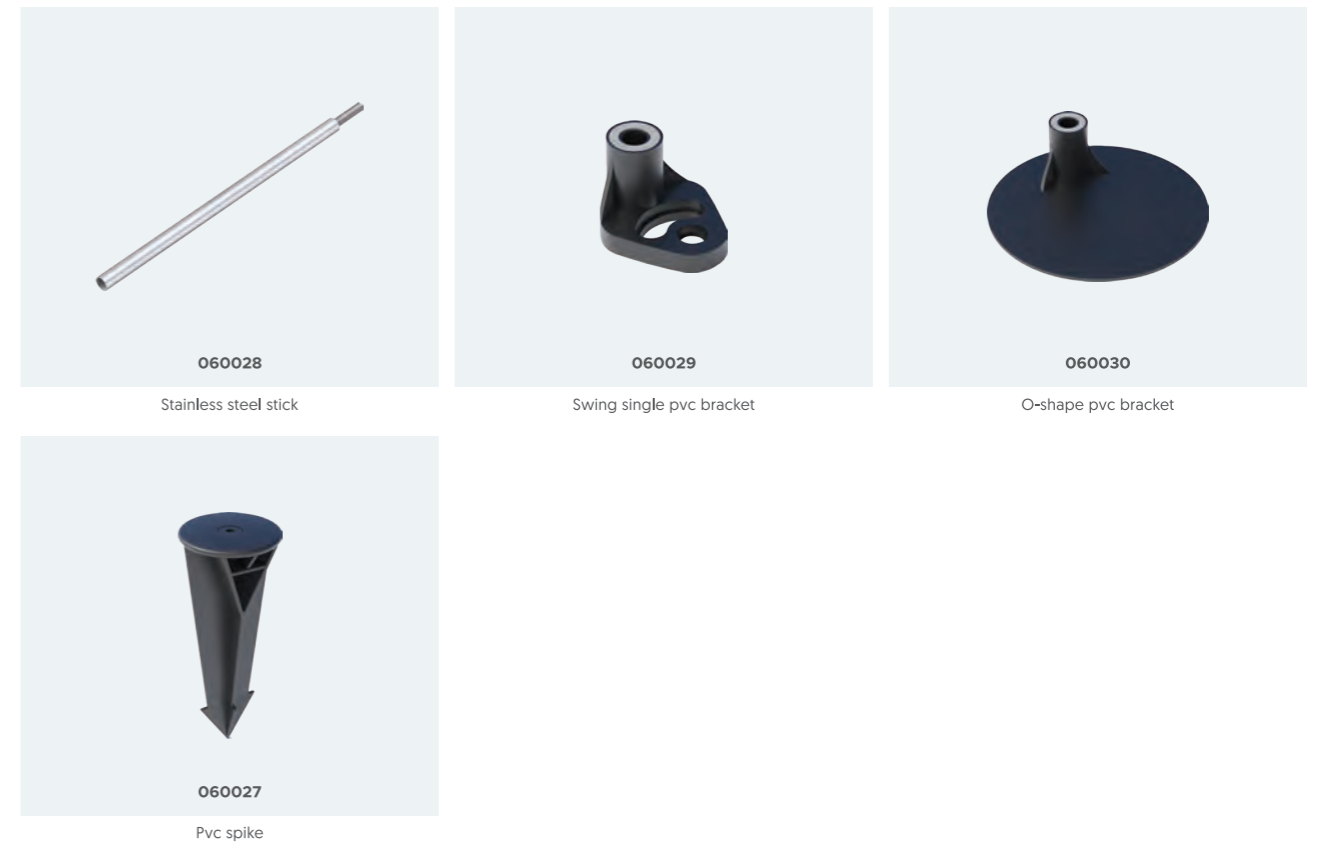


Stainless steel stick & Swing single pvc bracket / O-shape pvc bracket

Product Options of Spear Series



Base Options of Spear Series

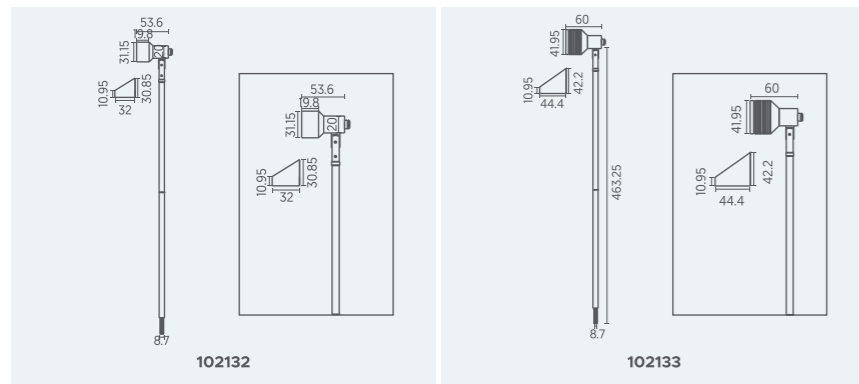


SPEAR SERIES

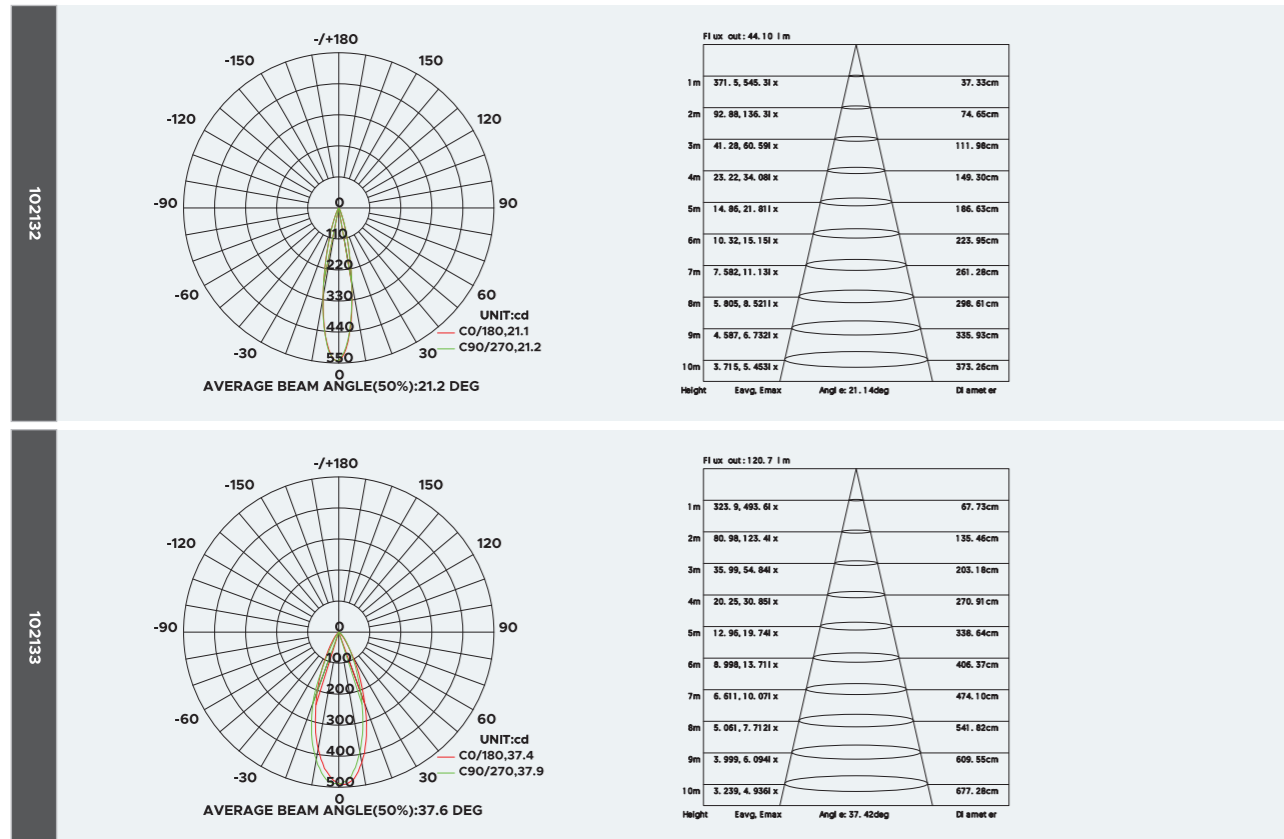
Product Specification and Diagram

Part No.	Wattage	Input Voltage	Lumen	Beam Angle	Color Temp.	Protection
102132	2W	12V AC/DC or 24V DC	80-90lm	40°	2700K/3000K/4000K/5000K/6000K/RGB/RGBW	IP68
102133	4W	12V AC/DC or 24V DC	80-90lm	40°	2700K/3000K/4000K/5000K/6000K/RGB/RGBW	IP68
102145	8W	12V AC/DC or 24V DC	80-90lm	15°	2700K/3000K/4000K/5000K/6000K/RGB/RGBW	IP68

* Other control methods (Dali, 0/1-10V Dimming, RGB DMX), Beam angles and color finishes can be made as per order.



Luminous Intensity Distribution Diagram



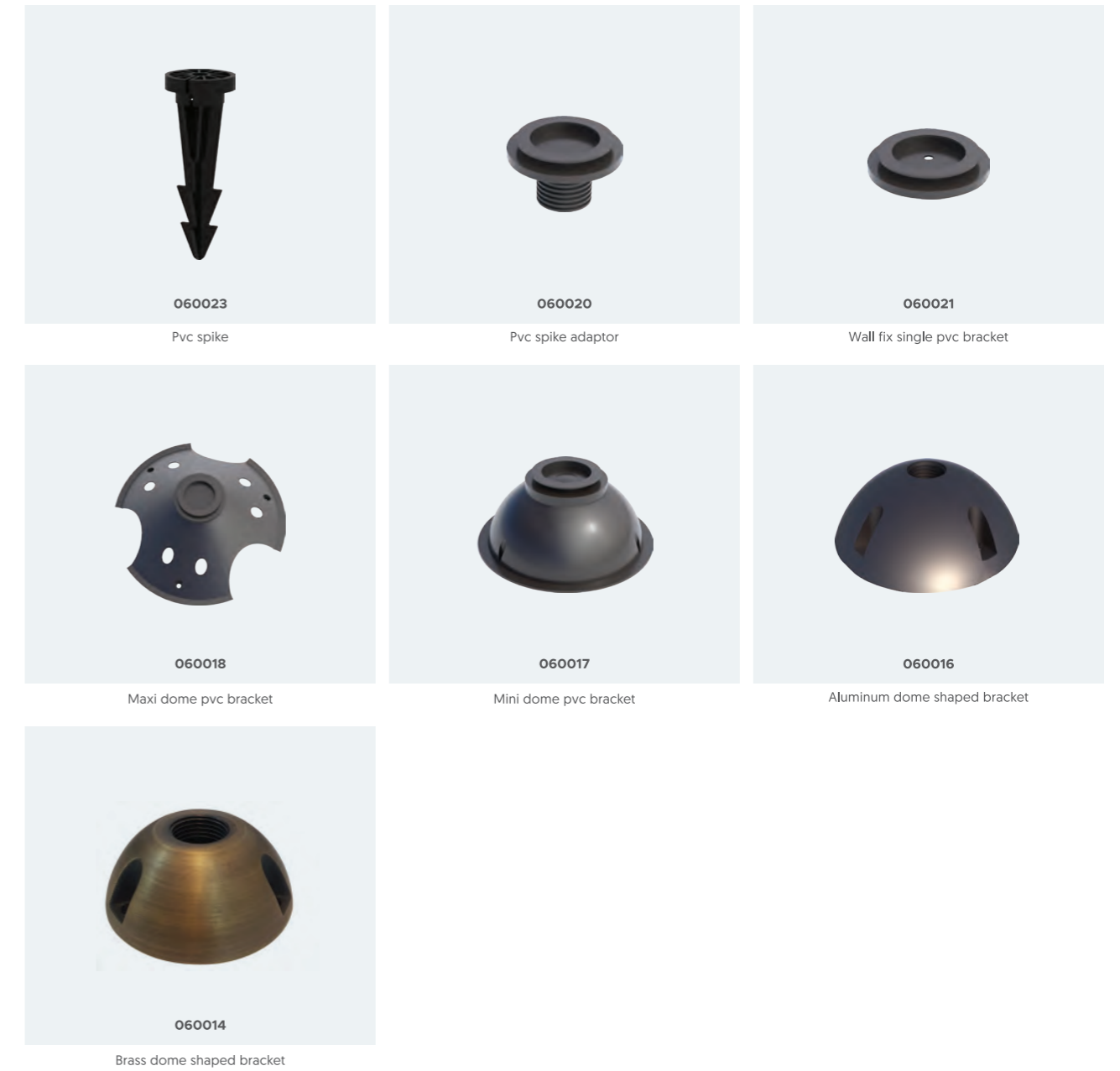
Section Drawing of Piece Series & Stab Series



Different types of Installation of Piece Series & Stab Series



Base Options of Piece Series & Stab Series



PIECE SERIES

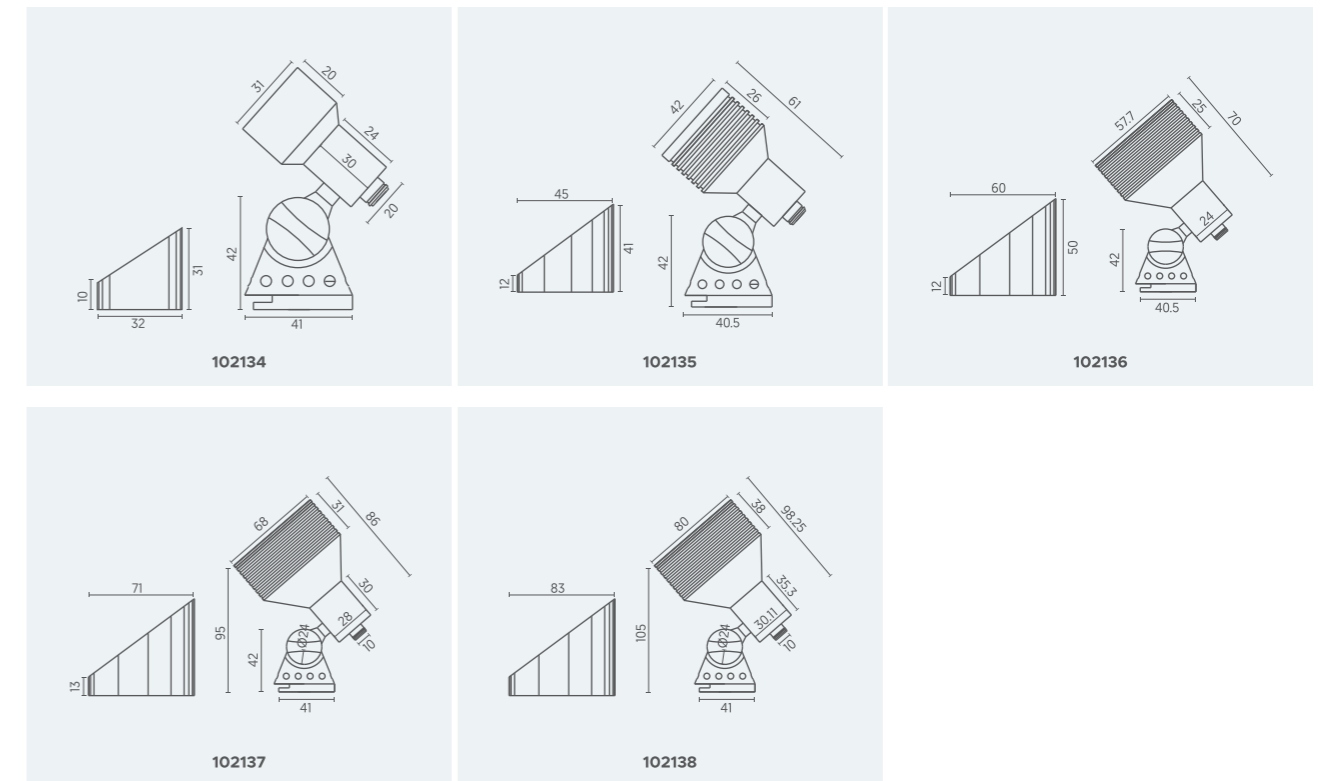


Product Specification

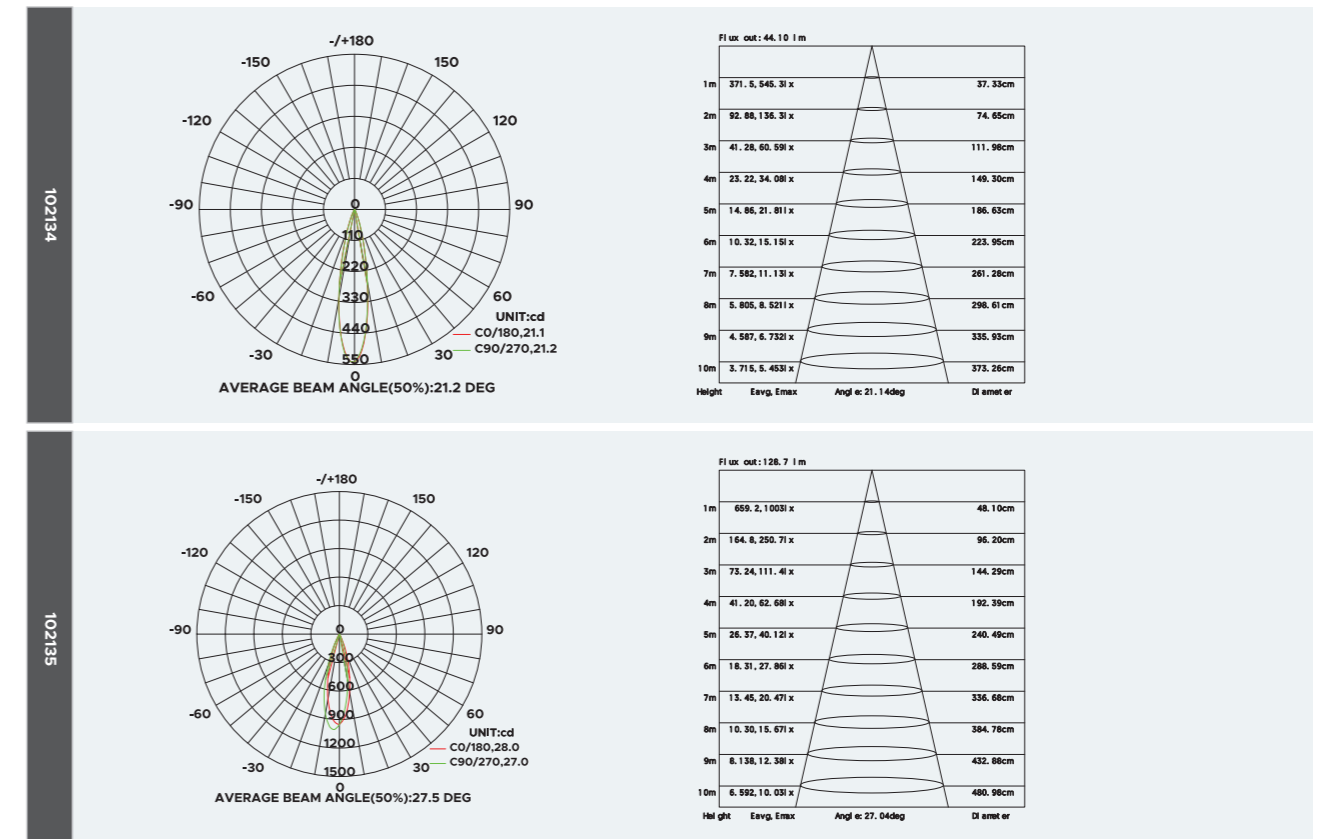
Part No.	Wattage	Input Voltage	Lumen(WW)	Beam Angle	Color Temp.	Protection
102134	2W	12V AC/DC or 24V DC	80-90lm	10°/20°/30°	2700K/3000K/4000K/5000K/6000K/RGB/RGBW	IP68
102135	4W	12V AC/DC or 24V DC	80-90lm	30°/45°	2700K/3000K/4000K/5000K/6000K/RGB/RGBW	IP68
102136	8W	12V AC/DC or 24V DC	80-90lm	10°/20°/30°	2700K/3000K/4000K/5000K/6000K/RGB/RGBW	IP68
102137	12W	12V AC/DC or 24V DC	80-90lm	10°/20°/30°	2700K/3000K/4000K/5000K/6000K/RGB/RGBW	IP68
102138	24W	12V AC/DC or 24V DC	80-90lm	10°/20°/30°	2700K/3000K/4000K/5000K/6000K/RGB/RGBW	IP68

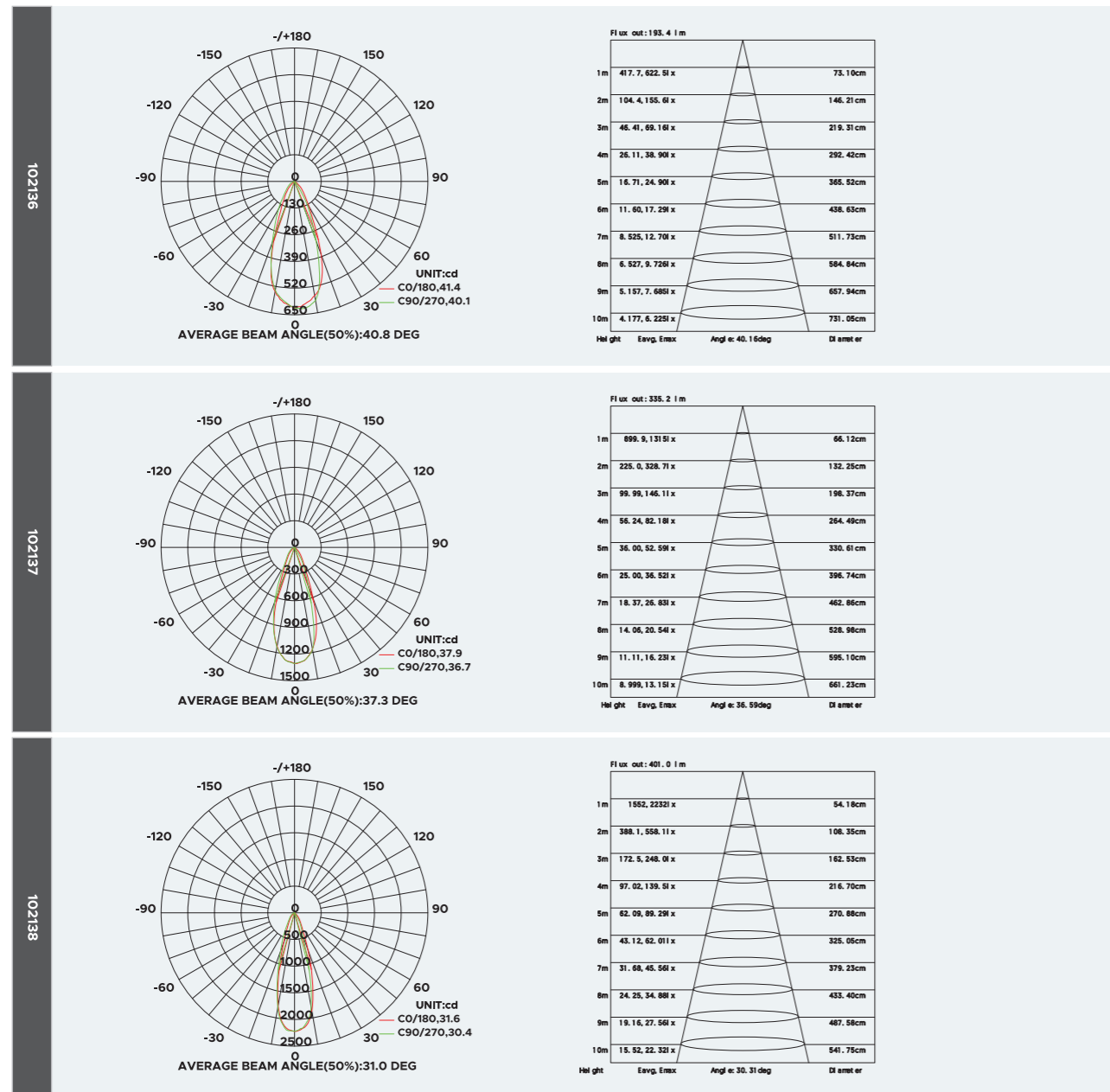
* Other control methods [DALI, 0/1-10V Dimming, RGB DMX], Beam angles and color finishes can be made as per order.

Product Diagram



Luminous Intensity Distribution Diagram





STAB SERIES

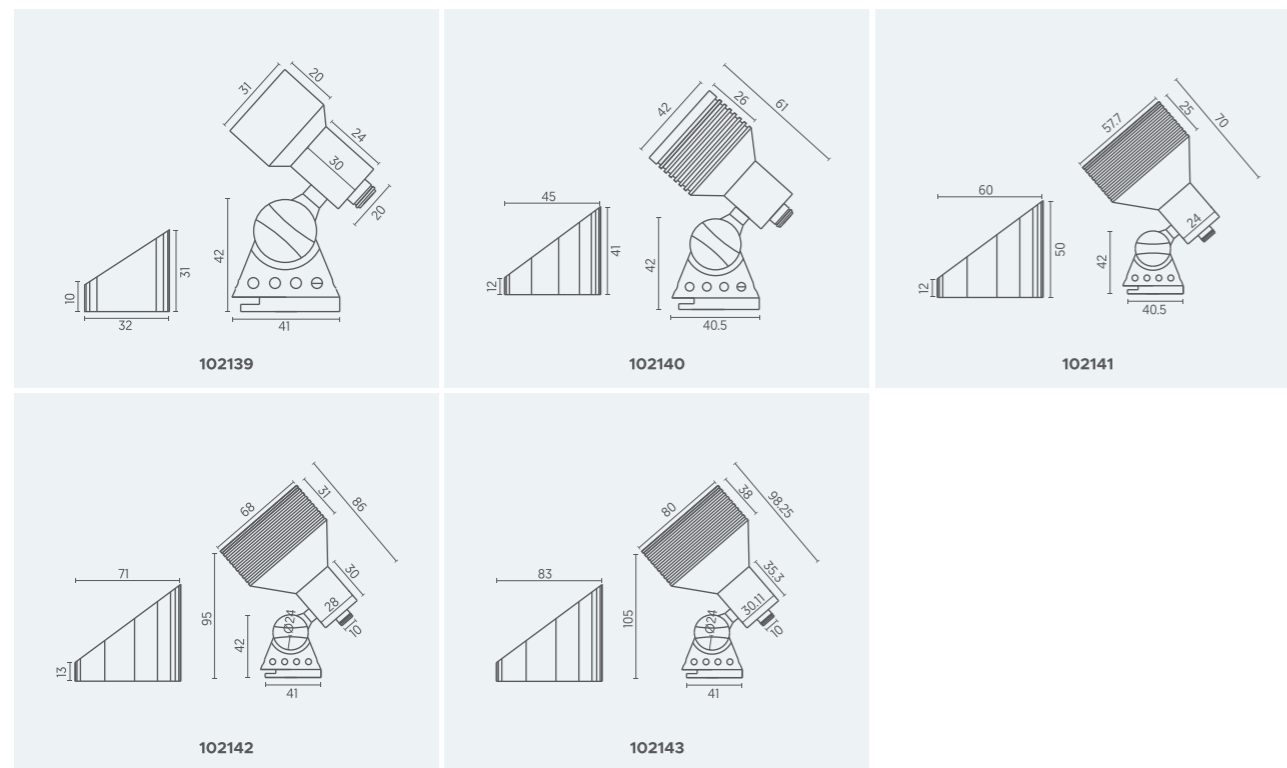


Product Specification

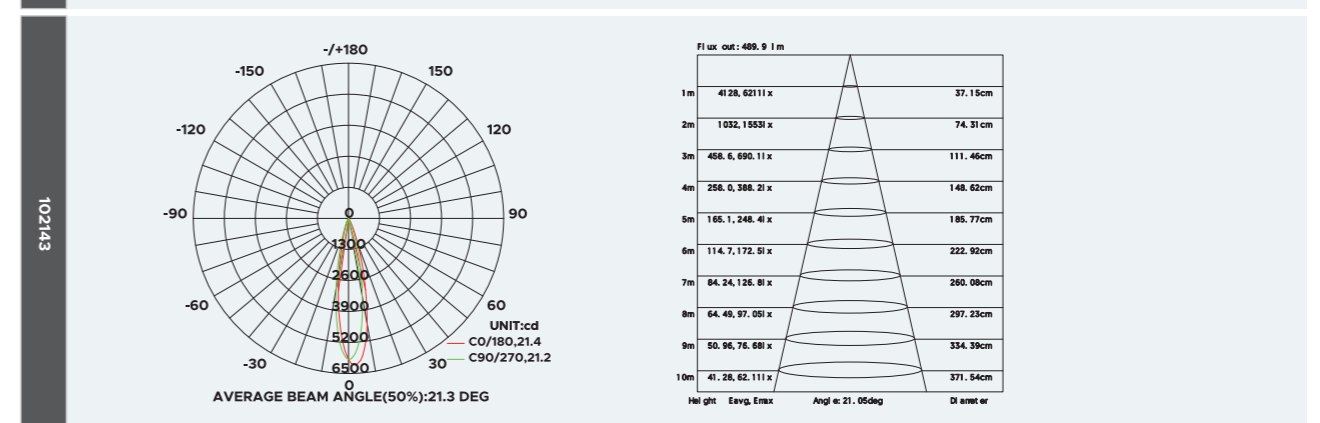
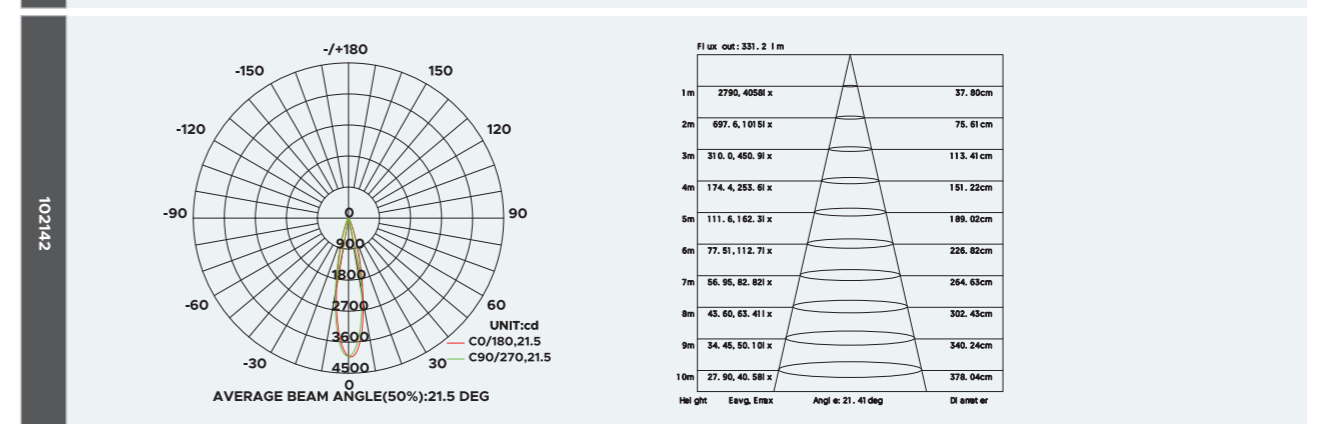
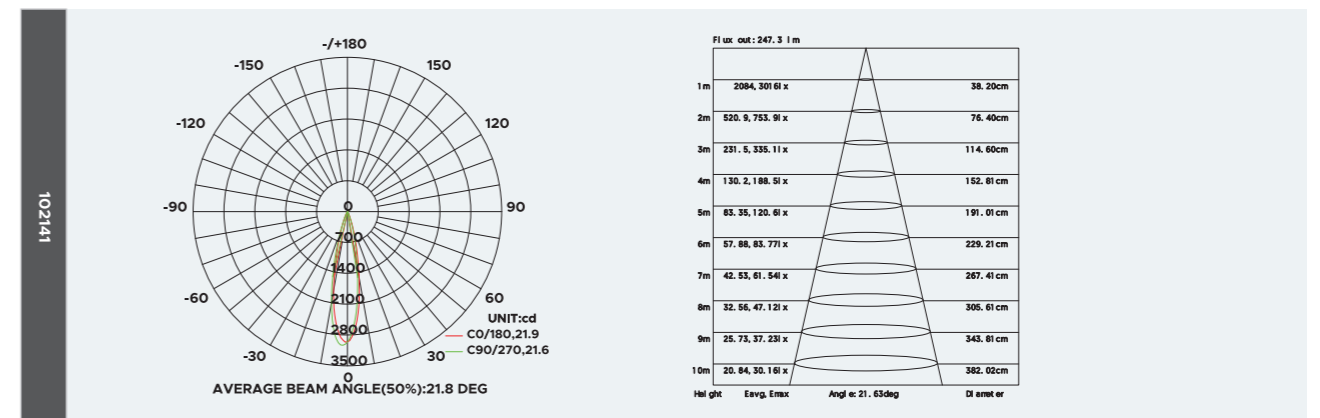
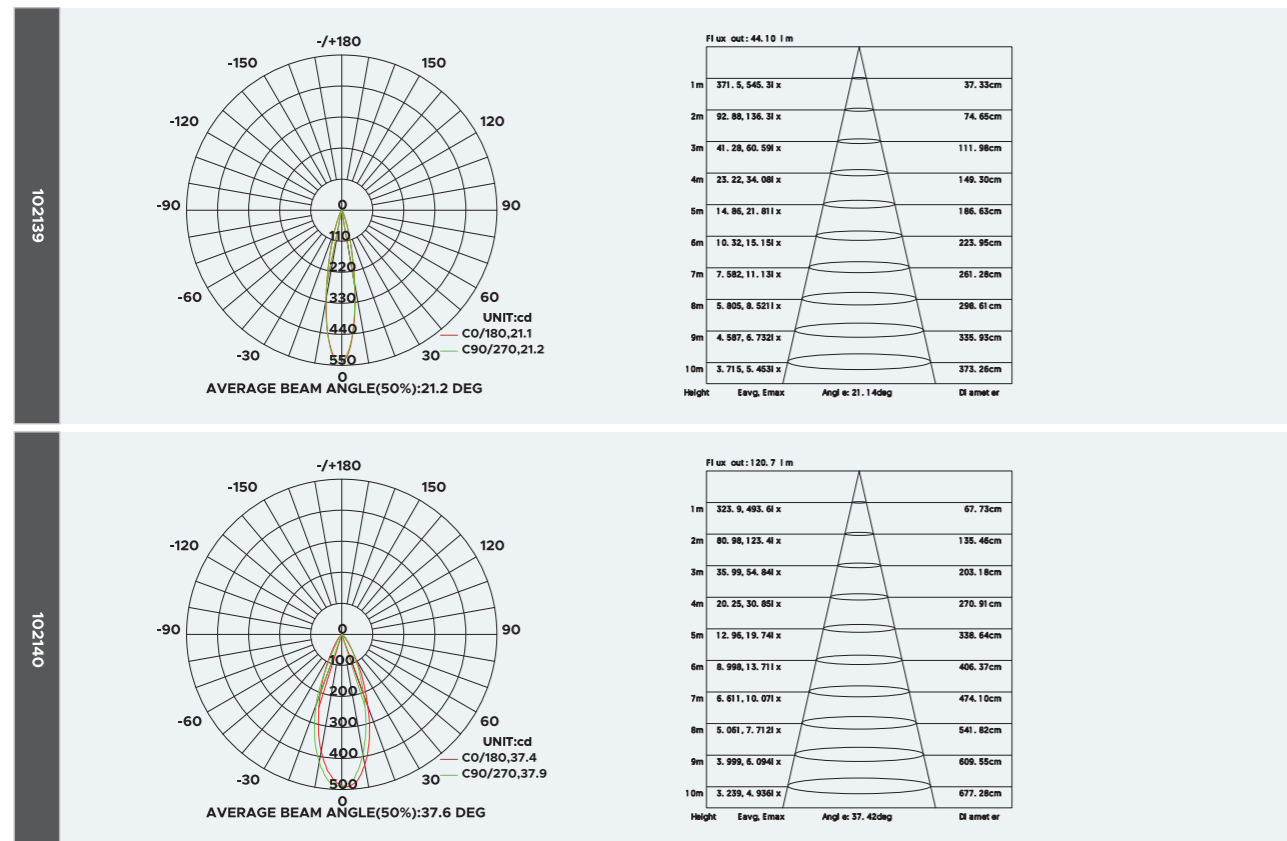
Part No.	Wattage	Input Voltage	Lumen(WW)	Beam Angle	Color Temp.	Protection
102139	2W	12V AC/DC or 24V DC	160lm	10°/17°/30°/40°/60°	2700K/3000K/4000K/5000K/6000K/RGB/RGBW	IP68
102140	4W	12V AC/DC or 24V DC	320lm	25°/45°	2700K/3000K/4000K/5000K/6000K/RGB/RGBW	IP68
102141	8W	12V AC/DC or 24V DC	640lm	10°/17°/30°/40°/60°	2700K/3000K/4000K/5000K/6000K/RGB/RGBW	IP68
102142	12W	12V AC/DC or 24V DC	960lm	10°/17°/30°/40°/60°	2700K/3000K/4000K/5000K/6000K/RGB/RGBW	IP68
102143	24W	12V AC/DC or 24V DC	1920lm	10°/17°/30°/40°/60°	2700K/3000K/4000K/5000K/6000K/RGB/RGBW	IP68

* Other control methods [Dali, 0/1-10V Dimming, RGB DMX], Beam angles and color finishes can be made as per order.

Product Diagram



Luminous Intensity Distribution Diagram

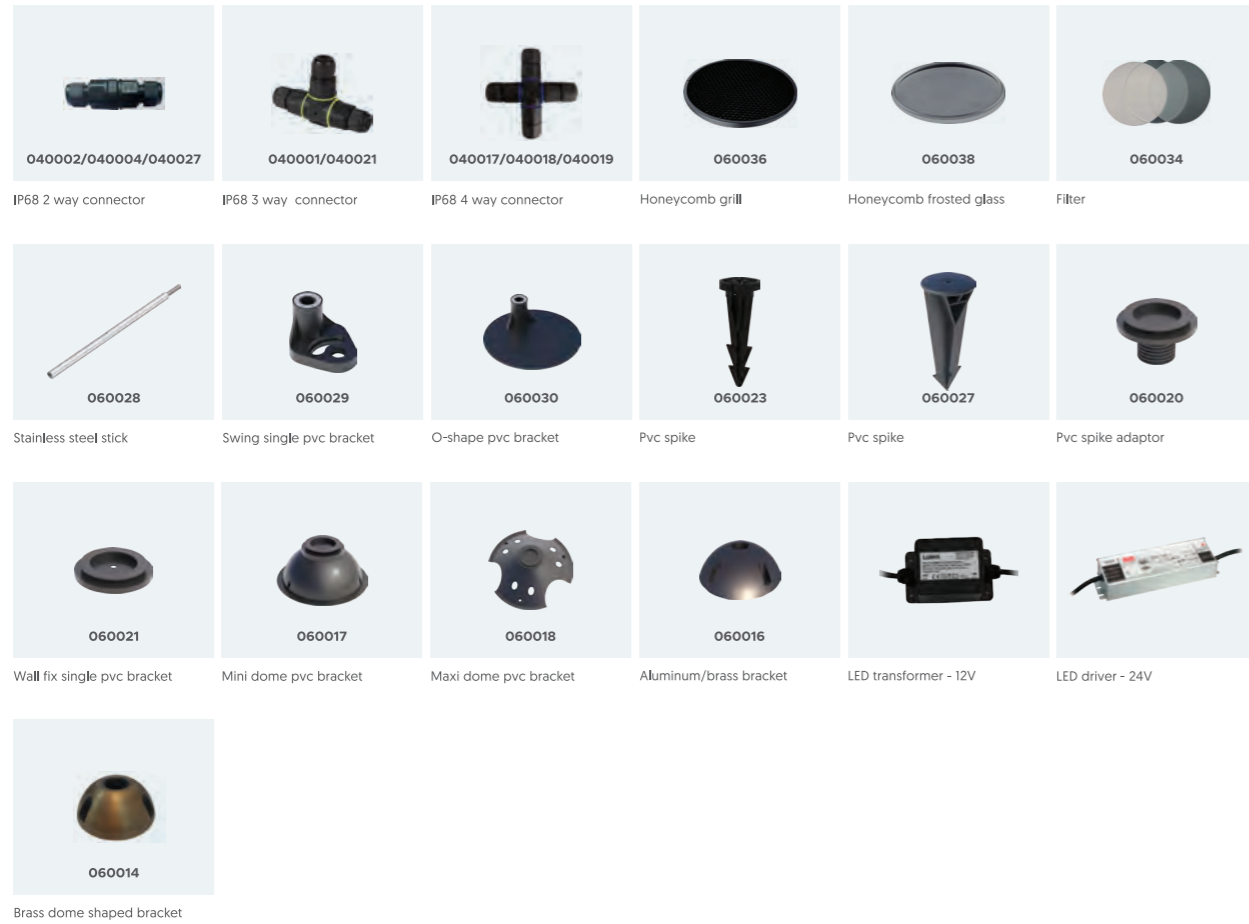


Raised Series

COB Series

SMD Series

Accessories



Order Code Format



Input Voltage	CCT	Beam Angle	Color Finish
1 - 12V	27 - 2700K	010 - 10°	05 - Antique Bronze
2 - 24V	30 - 3000K	015 - 15°	13 - Nickel
	40 - 4000K	017 - 17°	26 - Textured
	50 - 5000K	020 - 20°	Architectural Bronze
	60 - 6000K	025 - 25°	06 - Matt Black
	01 - RGB	030 - 30°	
	02 - RGBW	040 - 40°	
		045 - 45°	
		060 - 60°	



Project Name: One&Only Royal Mirage Hotel, Dubai, UAE.

One&Only
ROYAL MIRAGE



CREST SERIES



Product Description

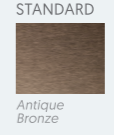
Our new Directional spike Light equipped with an MR16, MR11 or MR8 base [depending on light size, see lamp details] for a 12V low voltage power supply is built to last long and does no harm to passersby or pets such as dogs. IP65 waterproof rating, this model of spike light with durable surface provides you with powerful water resistance ability. With a solid antique brass housing finish, excellent corrosion resistance and heat dissipation capacity, this series of landscape spike lights are a great way to illuminate gardens or trees and come in three different sizes. Use this series to illuminate the Patio, Deck, Garden Path, Back Yard Fence or pathways for safety purposes in a walkway.



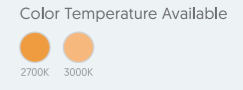
Material Specification

Installation	: Spike In-ground / Tree / Surface Mounted
Body Material	: Die-cast Brass
Diffuser	: Clear tempered glass
Stake Material	: PVC
Power Cable	: H05RN-F 3x1.5mm2 L-0.5m [High voltage] H05RN-F 2x1.0mm2 L-0.5m [low voltage]

Color Finish



Color Temperature



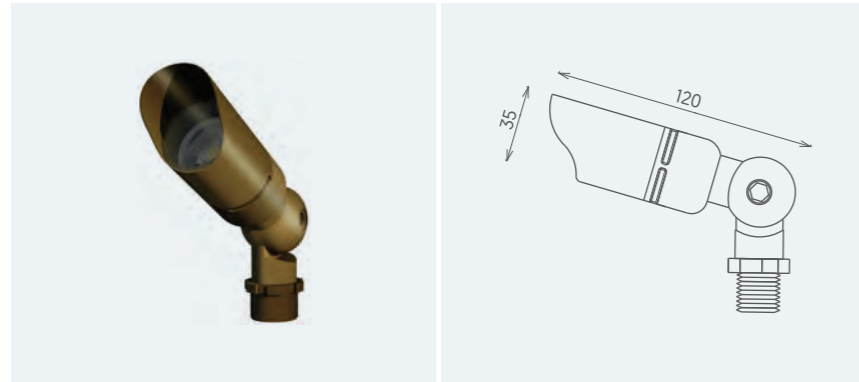
Control

On/Off version
[Optional DALI]

Product Fixture Specification

Part No.	Lamp Type	Body Material	Diffuser	Stake Material	Protection
102150	MR8	Die-cast Brass	Clear Tempered Glass	PVC	IP65

Product Fixture Image & Diagram



Lamp Specification

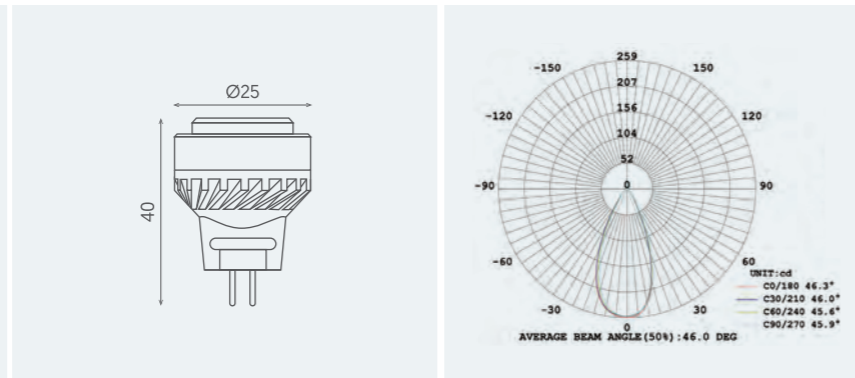
Part No.	Lamp Type	Lamp Base	Wattage	Input Voltage	Beam Angle	Color Temp.	Protection
011001	MR8	GU4	2.5W	100-240V AC / 12V AC/DC	38°/60°/80°	2700K/3000K	IP65

* Other control methods [Dali, 0/1-10V Dimming, RGB], Beam angles can be made as per order.

Lamp Image & Diagram



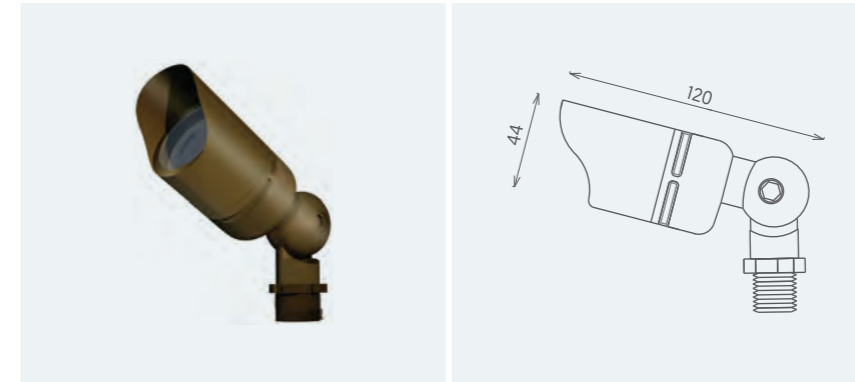
Color FinishLight Distribution



Product Fixture Specification

Part No.	Lamp Type	Body Material	Diffuser	Stake Material	Protection
102151	MR11	Die-cast Brass	Clear Tempered Glass	PVC	IP65

Product Fixture Image & Diagram



Lamp Specification

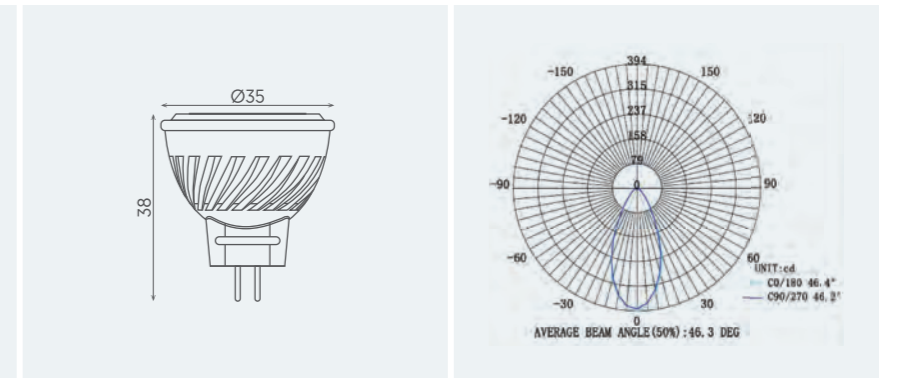
Part No.	Lamp Type	Lamp Base	Wattage	Input Voltage	Beam Angle	Color Temp.	Protection
012001	MR11	GU5.3	2.5W	100-240V AC / 12V AC/DC	38°	2700K/3000K	IP65

* Other control methods [Dali, 0/1-10V Dimming, RGB], Beam angles can be made as per order.

Lamp Image & Diagram



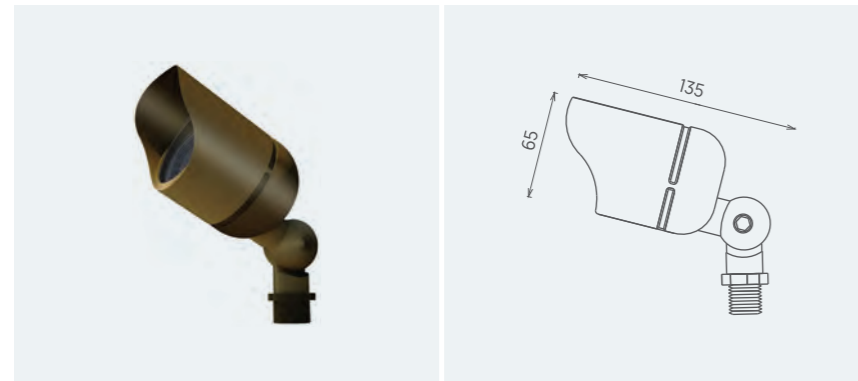
Light Distribution



Product Fixture Specification

Part No.	Lamp Type	Body Material	Diffuser	Stake Material	Protection
102152	MR16	Die-cast Brass	Clear Tempered Glass	PVC	IP65

Product Fixture Image & Diagram

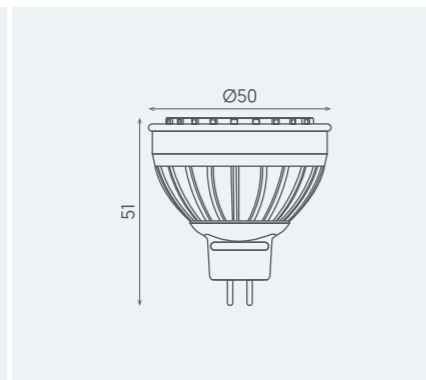


Lamp Specification

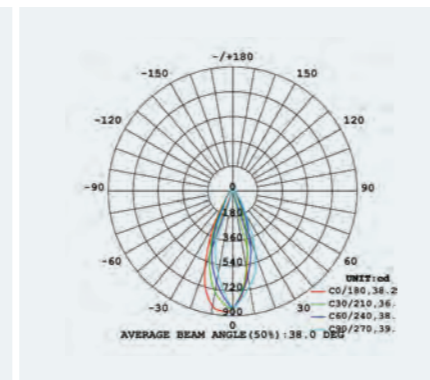
Part No.	Lamp Type	Lamp Base	Wattage	Input Voltage	Beam Angle	Color Temp.	Protection
013002	MR16	GU5.3	7W	100-240V AC / 12V AC/DC	45°	2700K/3000K	IP65

* Other control methods [Dali, 0/1-10V Dimming, RGB], Beam angles can be made as per order.


Lamp Image & Diagram



Light Distribution




Accessories




040002/040004/040027

IP68 2 Way Connector
(4 pin / 3 pin / 2 pin)




040001/040021

IP68 3 Way Connector
(4 pin / 3 pin)




040017/040018/040019

IP68 4 Way Connector
(3 pin / 4 pin / 4 pin)




060035

Honeycomb



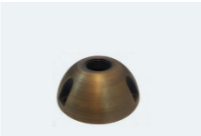
060022

Pvc Stake




060023

Pvc Stake




060014

Brass Dome Shaped Bracket



060016

Aluminum Dome Shaped Bracket



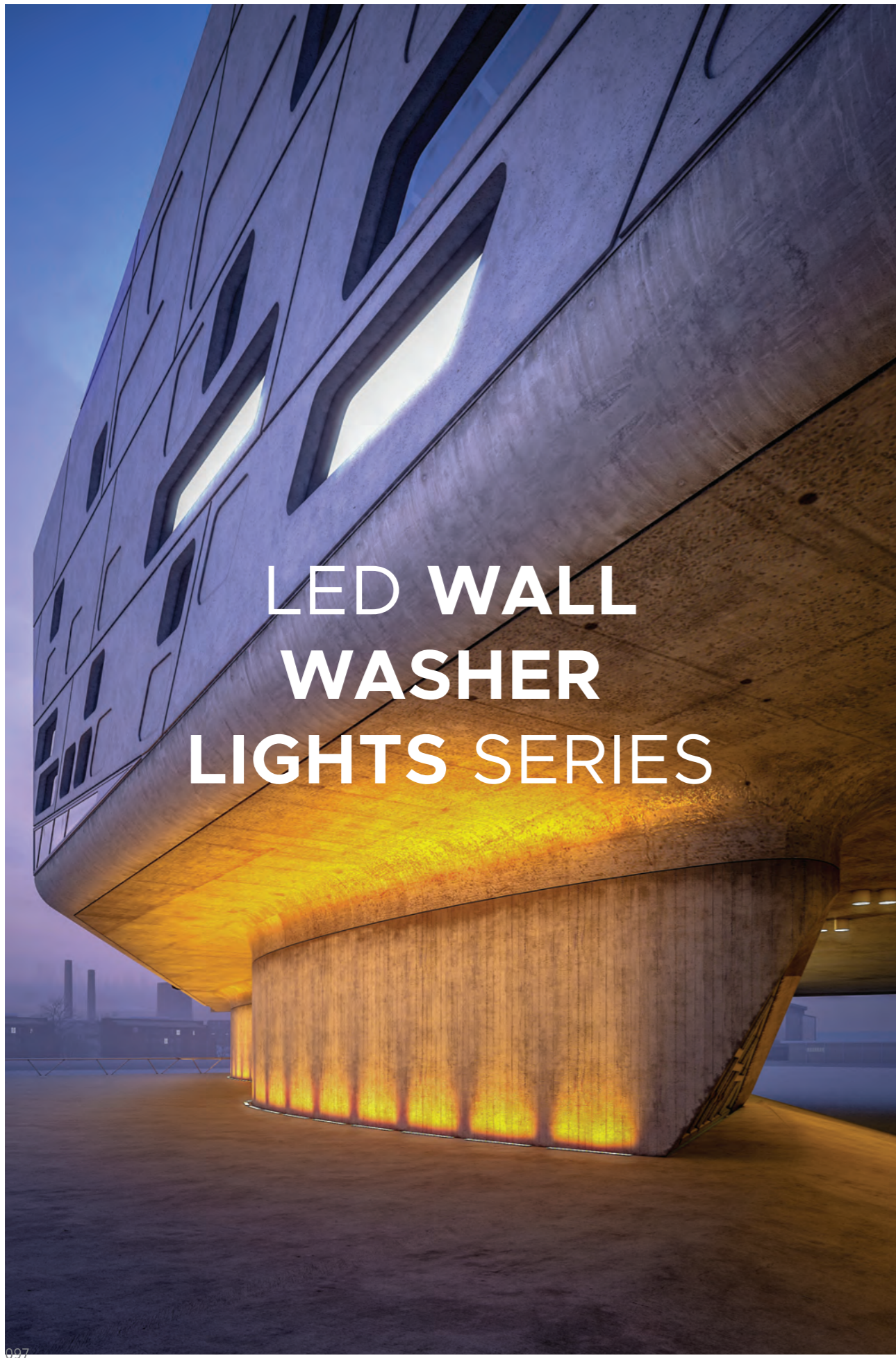
LED Transformer - 12V

Order Code Format

XXXXXX
X
XX
XXX
XX

Part Number
Input Voltage
CCT
Beam Angle
Color Finish

Input Voltage	CCT	Beam Angle	Color Finish
1 - 12V	27 - 2700K	038 - 38°	05 - Antique Bronze
2 - 24V	30 - 3000K	045 - 45°	
3 - 100-240V	40 - 4000K	060 - 60°	
	50 - 5000K	080 - 80°	
	60 - 6000K		
	01 - RGB		
	02 - RGBW		



LED WALL WASHER LIGHTS SERIES

HELENA SERIES

P : 099 - 101



111101

111102

111103

TOBIA SERIES

P : 102 - 104



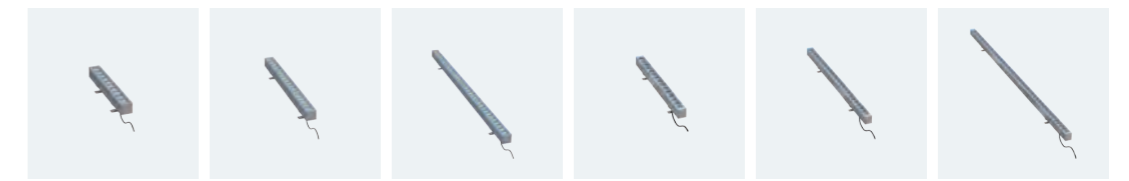
111135

111134

111133

MASSON SERIES

P : 105 - 108



111137

111104

111105

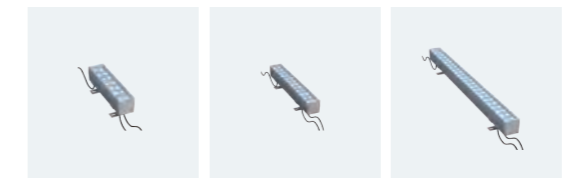
111138

111108

111109

BRITA SERIES

P : 109 - 112



111140

111141

111142

HELENA SERIES



Product Description

A very slim Flush Mounted frameless light this fixture has been made to be used on floor or ground where it is needed to be lit with different heights and uniform shapes. The Light can be invisibly installed between your landscape elements, bushes, and trees or be used to light up façades or walls as a wall grazer (wall washer). With two different asymmetric Beam angles and other narrow/wide optics, this fixture enables you to create the required effects of lighting as per project requirements. Thanks to the new technology of powder coating this luminaire has been treated well with a marine-grade of paint to withstand in salty soils for a long time. This product is suitable to be used in wet areas close to swimming pools, inside gardens with a grade of IP67. We have made two-sided cabling for power connections with waterproof connectors [IP68] for an easy connection from both sides. This light can be single but controllable with a DALI system as well as RGBW to be controlled with a master DMX512.

Material Specification

Installation	: Recessed floor / ground
Body Material	: Aluminum Extruded
Sleeve Material	: Stainless steel 316L
Diffuser	: Clear tempered glass / Frosted glass
Driver	: External
Power Cable	: H05RN-F 2x1.0mm ² L-0.5m [low voltage] H05RN-F 4x0.75mm ² L-0.5m [RGB Color] H05RN-F 5x0.5mm ² L-0.5m [RGBW Color]

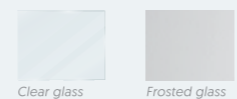
Color Finish

STANDARD AVAILABLE AS PER THE ORDER

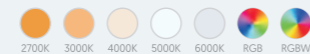


Glass Finish

STANDARD AVAILABLE AS PER THE ORDER



Color Temperature Available



Control

On/Off version
[Optional 0/1-10V, DALI, DMX 512]

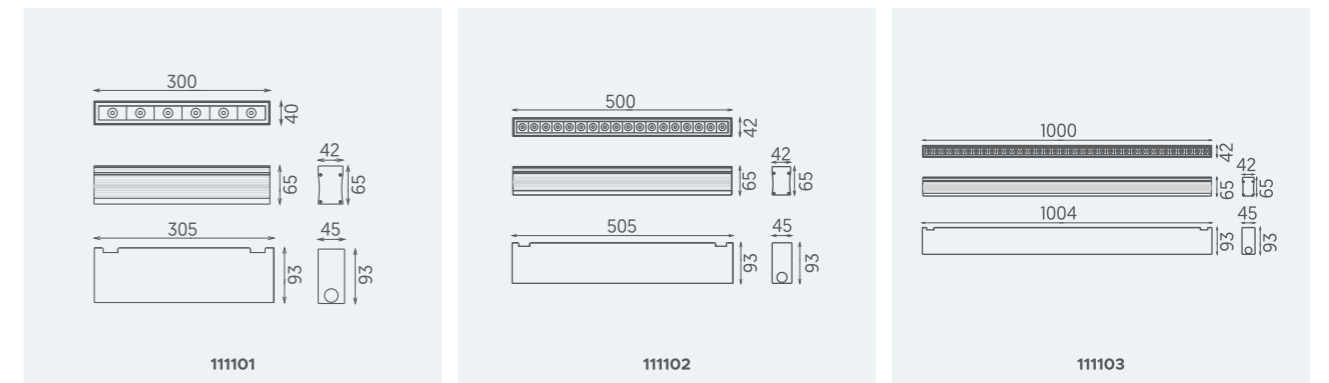
Light Source



Product Images



Product Diagram



Product Specification

Part No.	Wattage	Input Voltage	Lumen(WW)	Beam Angle	Color Temp.	Protection
111101	12W	24V DC	100lm/Watt	5°/12.5°/20°/30°/60°/15x30°/10x60°	2700K/3000K/4000K/5000K/6000K/RGB/RGBW	IP67
111102	18W	24V DC	100lm/Watt	5°/12.5°/20°/30°/60°/15x30°/10x60°	2700K/3000K/4000K/5000K/6000K/RGB/RGBW	IP67
111103	36W	24V DC	100lm/Watt	5°/12.5°/20°/30°/60°/15x30°/10x60°	2700K/3000K/4000K/5000K/6000K/RGB/RGBW	IP67

* Other control methods [Dali, 0/1-10V Dimming, RGB DMX], Beam angles and color finishes can be made as per order.

Accessories

		
040002/040004/040027	040001/040021	040017/040018/040019
IP68 2 Way Connector (4 pin / 3 pin / 2 pin)	IP68 3 Way Connector (4 pin / 3 pin)	IP68 4 Way Connector (3 pin / 4 pin / 4 pin)
		
RGBW Decoder	LED driver - 24V	Mounting Sleeve

Order Code Format

XXXXXX	X	XX	XXX	XX
Part Number	Input Voltage	CCT	Beam Angle	Color Finish

Input Voltage	CCT	Beam Angle	Color Finish
2 - 24V	27 - 2700K	005 - 5°	06 - Black
	30 - 3000K	012 - 12.5°	14 - Silver
	40 - 4000K	020 - 20°	
	50 - 5000K	030 - 30°	
	60 - 6000K	060 - 60°	
	01 - RGB	368 - 10x60°	
	02 - RGBW	372 - 15x30°	

TOBIA SERIES



Product Description

With a very slim recessed in-ground mounted light design, this fixture has been made to be used on the floor or ground where it is needed to be lit with different heights and uniform shapes. The Light can be installed between your landscape elements, bushes, and trees or be used to light up façades or walls as a wall grazer (wall washer). With two different asymmetric Beam angles and other narrow/wide optics, this fixture enables you to create the required effects of lighting as per project requirements. Thanks to the new technology of powder coating this luminaire has been treated well with a marine-grade of paint to withstand salty soils for a long period of time. This product is suitable to be used in wet areas close to swimming pools, inside gardens with a grade of IP67. We have made two-sided cabling for power connections with waterproof connectors (IP68) for an easy connection from both sides. This light can be in a single color temperature, controllable with the DALI system as well as RGBW to be controlled with a master DMX512.

Material Specification

Installation	: Recessed floor / ground
Body Material	: Aluminum
Sleeve Material	: Stainless steel 316L
Diffuser	: Clear tempered glass / Frosted glass
Driver	: External
Power Cable	: H05RN-F 2x1.0mm2 L-0.5m (low voltage) H05RN-F 4x0.75mm2 L-0.5m (RGB Color) H05RN-F 5x0.5mm2 L-0.5m (RGBW Color)

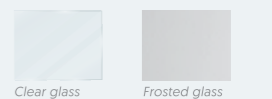
Color Finish

STANDARD AVAILABLE AS PER THE ORDER



Glass Finish

STANDARD AVAILABLE AS PER THE ORDER



Color Temperature Available



Control

On/Off version
[Optional 0/1-10V, DALI, DMX 512]

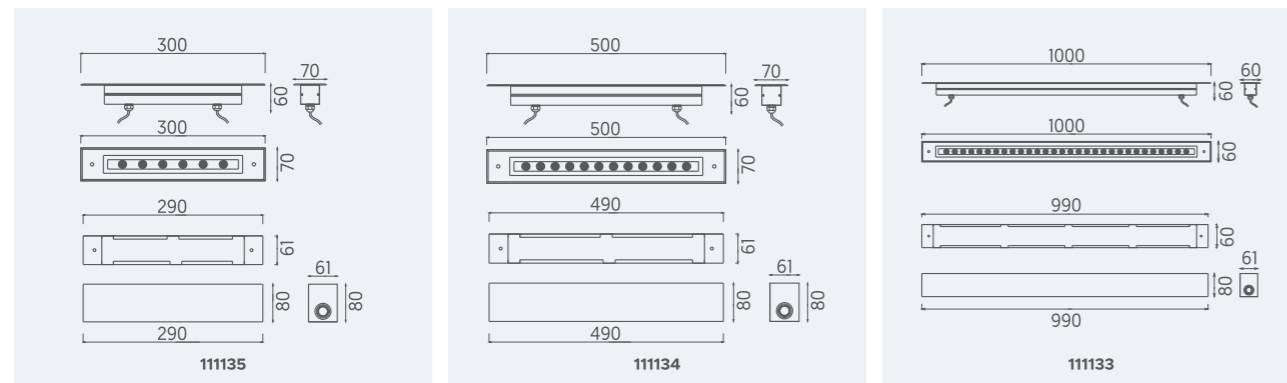
Light Source



Product Images



Product Diagram



Product Specification

Part No.	Wattage	Input Voltage	Lumen(WW)	Beam Angle	Color Temp.	Protection
111135	9W	220-240V AC / 24V DC	90-100lm/Watt	5°/12.5°/20°/30°/60°/15x30°/10x60°	2700K/3000K/4000K/5000K/6000K/RGB/RGBW	IP67
111134	18W	220-240V AC / 24V DC	90-100lm/Watt	5°/12.5°/20°/30°/60°/15x30°/10x60°	2700K/3000K/4000K/5000K/6000K/RGB/RGBW	IP67
111133	36W	220-240V AC / 24V DC	90-100lm/Watt	5°/12.5°/20°/30°/60°/15x30°/10x60°	2700K/3000K/4000K/5000K/6000K/RGB/RGBW	IP67

* Other control methods (Dali, 0/1-10V Dimming, RGB DMX), Beam angles and color finishes can be made as per order.

Accessories



Order Code Format



Input Voltage	CCT	Beam Angle	Color Finish
2 - 24V	27 - 2700K	005 - 5°	03 - Stainless Steel
3 - 220-240V	30 - 3000K	012 - 12.5°	06 - Black
	40 - 4000K	020 - 20°	
	50 - 5000K	030 - 30°	
	60 - 6000K	060 - 60°	
	01 - RGB	368 - 10x60°	
	02 - RGBW	372 - 15x30°	

Project Name: Hazzaa Almansoori Ajman Bridge



MASSON SERIES



Product Description

A slim surface Mounted wall washer light has been made to be used on floor or ground very close to the façade of building/sculptures or anywhere else that it needed to be lit with different heights and uniform shapes. The Light can be installed near the walls/columns as a surface-mounted wall grazer (wall washer). With two different asymmetric Beam angles and other narrow/wide optics, this fixture enables you to create the required effects of lighting as per project requirements. Thanks to the new technology of powder coating this luminaire has been treated well with an electroplating coat to withstand outdoor applications for a long time. This product is suitable to be used in wet areas but not permanently to be placed underwater (Ingress Protection rate: 66). You have a choice of selecting this light with two-sided cabling for power connections with waterproof connectors (IP68) for an easy connection from both sides (to be ordered separately). This light can be single-color (CCT) but controllable with a DALI system as well as RGBW to be controlled with a master DMX512.



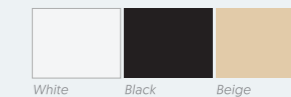
Material Specification

Installation	: Floor / Wall Surface Mounted
Body Material	: Aluminum
Diffuser	: Clear tempered glass / Frosted glass
Driver	: External
Power Cable	: H05RN-F 2x1.0mm2 L-0.5m [low voltage] H05RN-F 4x0.75mm2 L-0.5m [RGB Color] H05RN-F 5x0.5mm2 L-0.5m [RGBW Color]

Color Finish



AVAILABLE AS PER THE ORDER



Color Temperature Available

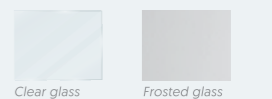


Control

On/Off version
[Optional 0/1-10V, DALI, DMX 512]

Glass Finish

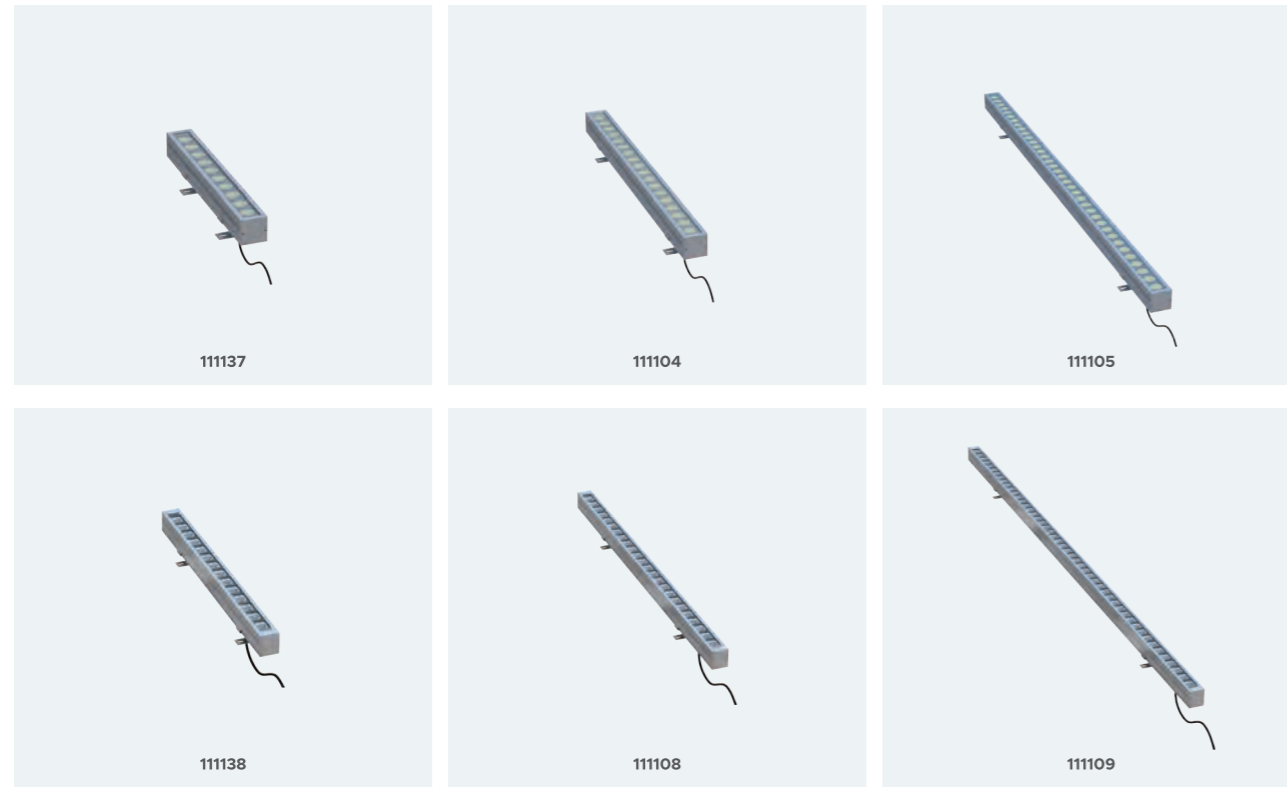
STANDARD AVAILABLE AS PER THE ORDER



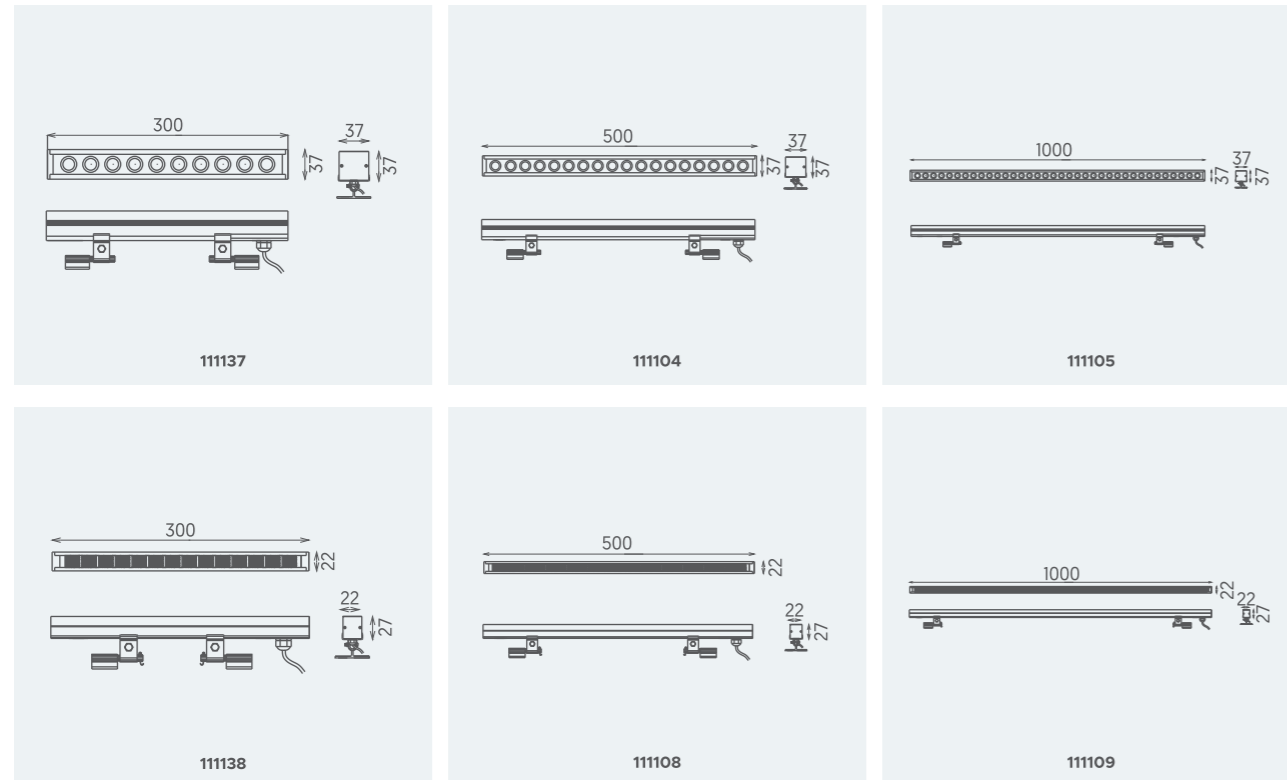
Light Source



Product Images



Product Diagram



Product Specification

Part No.	Wattage	Input Voltage	Lumen(WW)	Beam Angle	Color Temp.	Protection
111137	10W	24V DC	90-100lm	5°/12.5°/20°/30°/60°/15x30°/10x60°	2700K/3000K/4000K/5000K/6000K/RGB/RGBW	IP66
111104	18W	24V DC	90-100lm	5°/12.5°/20°/30°/60°/15x30°/10x60°	2700K/3000K/4000K/5000K/6000K/RGB/RGBW	IP66
111105	36W	24V DC	90-100lm	5°/12.5°/20°/30°/60°/15x30°/10x60°	2700K/3000K/4000K/5000K/6000K/RGB/RGBW	IP66
111138	6W	24V DC	80-90lm	5°/12.5°/20°/30°/60°/15x30°/10x60°	2700K/3000K/4000K/5000K/6000K/RGB/RGBW	IP66
111108	11W	24V DC	80-90lm	5°/12.5°/20°/30°/60°/15x30°/10x60°	2700K/3000K/4000K/5000K/6000K/RGB/RGBW	IP66
111109	21W	24V DC	80-90lm	5°/12.5°/20°/30°/60°/15x30°/10x60°	2700K/3000K/4000K/5000K/6000K/RGB/RGBW	IP66

* Other control methods (Dali, 0/1-10V Dimming, RGB DMX), Beam angles and color finishes can be made as per order.

Accessories

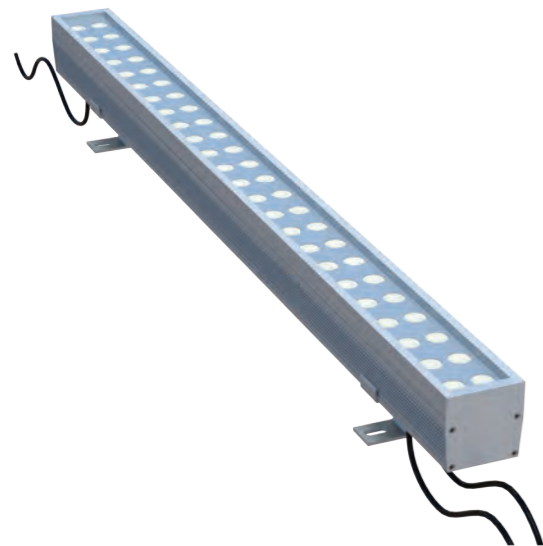


Order Code Format



Input Voltage	CCT	Beam Angle	Color Finish
2 - 24V	27 - 2700K	005 - 5°	14 - Silver
	30 - 3000K	012 - 12.5°	07 - White
	40 - 4000K	020 - 20°	06 - Black
	50 - 5000K	030 - 30°	28 - Beige
	60 - 6000K	060 - 60°	
	01 - RGB	368 - 10x60°	
02 - RGBW	372 - 15x30°		

MASSON SERIES



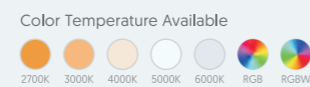
Product Description

Surface Mounted wall washer light has been made to be used on floor or ground very close to the façade of building/sculptures or anywhere else that it needed to be lit with different heights and uniform shapes. The Light can be installed near the walls/columns as a surface-mounted wall grazer (wall washer). With two different asymmetric Beam angles and other narrow/wide optics, this fixture enables you to create the required effects of lighting as per project requirements. Thanks to the new technology of powder coating this luminaire has been treated well with an electroplating coat to withstand outdoor applications for a long time. This product is suitable to be used in wet areas but not permanently to be placed underwater (Ingress Protection rate: 66). You have a choice of selecting this light with two-sided cabling for power connections with waterproof connectors (IP68) for an easy connection from both sides (to be ordered separately). This light can be single-color (CCT) but controllable with a DALI system as well as RGBW to be controlled with a master DMX512.

Material Specification

Installation	: Floor / Wall Surface Mounted
Body Material	: Die-cast Aluminum
Diffuser	: Clear tempered glass / Frosted glass
Driver	: External
Power Cable	: H05RN-F 2x1.0mm ² L-0.5m [low voltage] H05RN-F 4x0.75mm ² L-0.5m [RGB Color] H05RN-F 5x0.5mm ² L-0.5m [RGBW Color]

Color Finish



Control

On/Off version
[Optional 0/1-10V, DALI, DMX 512]

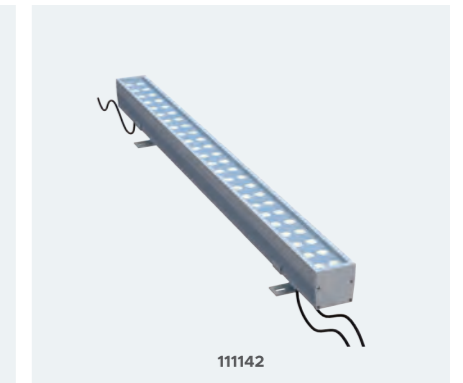
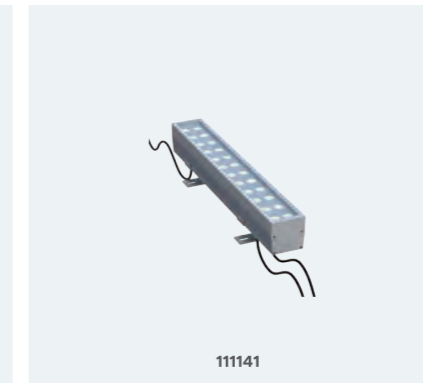
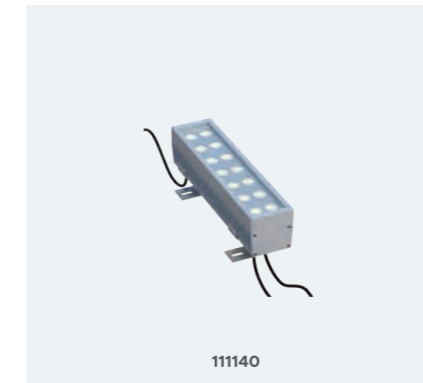
Glass Finish



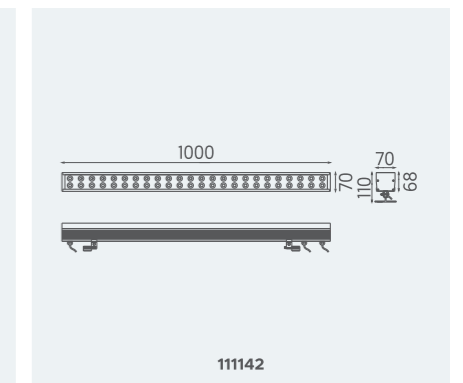
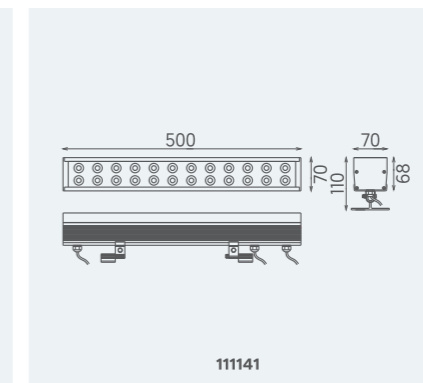
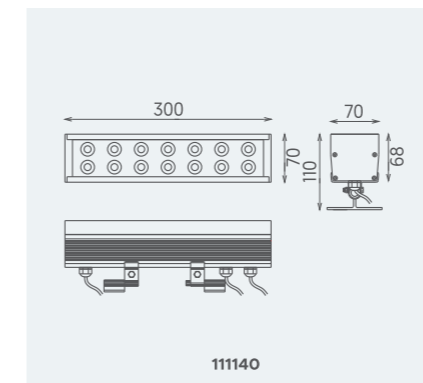
Light Source



Product Images



Product Diagram



Product Specification

Part No.	Wattage	Input Voltage	Lumen(WW)	Beam Angle	Color Temp.	Protection
111140	36W	24V DC	110lm/Watt	5°/12.5°/20°/30°/60°/15x30°/10x60°	2700K/3000K/4000K/5000K/6000K/RGB/RGBW	IP66
111141	54W	24V DC	110lm/Watt	5°/12.5°/20°/30°/60°/15x30°/10x60°	2700K/3000K/4000K/5000K/6000K/RGB/RGBW	IP66
111142	110W	24V DC	110lm/Watt	5°/12.5°/20°/30°/60°/15x30°/10x60°	2700K/3000K/4000K/5000K/6000K/RGB/RGBW	IP66

* Other control methods (Dali, 0/1-10V Dimming, RGB DMX), Beam angles and color finishes can be made as per order.

Accessories

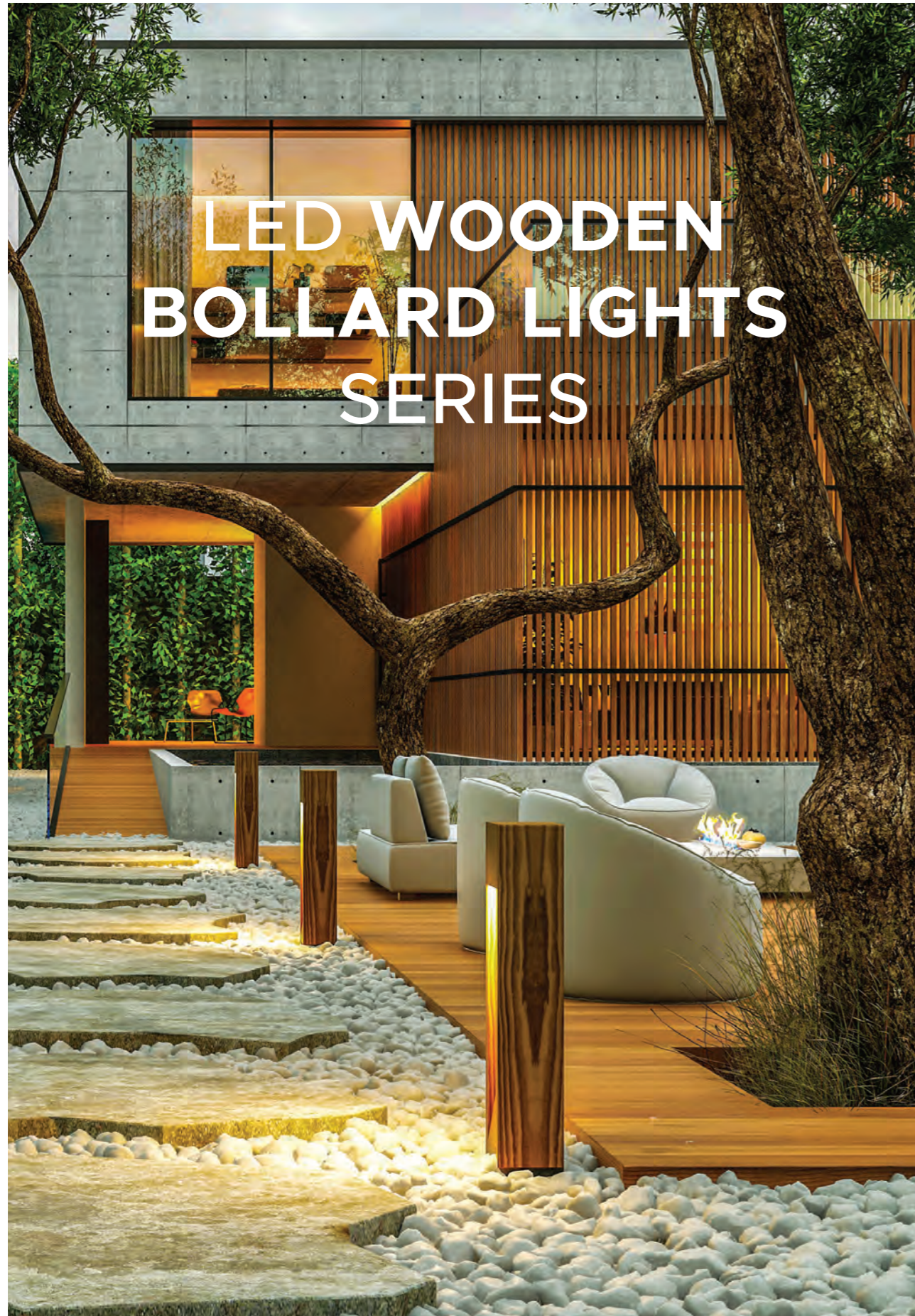


Order Code Format



Input Voltage	CCT	Beam Angle	Color Finish
2 - 24V	27 - 2700K	005 - 5°	14 - Silver
	30 - 3000K	012 - 12.5°	07 - White
	40 - 4000K	020 - 20°	06 - Black
	50 - 5000K	030 - 30°	28 - Beige
	60 - 6000K	060 - 60°	
	01 - RGB	368 - 10x60°	
02 - RGBW	372 - 15x30°		





LED WOODEN BOLLARD LIGHTS SERIES

COLTON SERIES

P : 125 - 126



130101

130102

COOPER SERIES

P : 127 - 130



130103

130104

130105

130106

130107

130108



130109

130110

OLIVER SERIES

P : 131 - 132



130119

130118

130127

**GUSTAVO
SERIES**

P : 133 - 135



106127



106128

**HUDSON
SERIES**

P : 136



106127

**PEDRO
SERIES**

P : 137 - 138



130101



130102

**JUAN
SERIES**

P : 139 - 140



130103



130104

**OSKAR
SERIES**

P : 141 - 143



130111



130112



130113

**AUSTIN
SERIES**

P : 144



106127

**SOLAR LED WOODEN
BOLLARD LIGHT**

**DANIL
SERIES**

P : 151 - 152



106127



106128



106137

WHY WOOD?

Carbon emissions in the construction sector account for a high percentage of total greenhouse gas emissions globally. It is therefore vital to consider the carbon emissions released in the making or discarding of building materials used in each respective sector. In the case of lighting, "responsibly produced" wood is the only option; it is naturally grown and in fact removes CO₂ from the environment. The production and processing of wood require less energy than most other building materials, allowing for a drastically reduced carbon footprint.



In a world where reduction of carbon footprints (or at least should be) is the primary goal of every industry, wood (obtained from sustainably re-grown trees as to not damage the environment) is perhaps the best, if not only viable option available at the moment. In fact, the use of wood can increase forest cover. Higher demands for "responsibly sourced" wood products in turn increases sustainably managed forest and plantations. Furthermore, research has continuously shown that use of wood increases both psychological and physiological well-being;

resulting in less stress, higher productivity, better learning and generally happier and calmer in spaces containing natural elements like wood. Be it in-door or out-door, living in urban areas, where natural elements are few, it is therefore important to allow for as much natural elements as possible.

Last but not least, wood is natural insulator, structurally very strong and extremely durable. Properly maintained, it can last for hundreds of years; with modern preservatives, this natural ability is enhanced.

OUR MISSION



At LUMO, we aim to deliver not only stylish and appealing lighting solutions, but one which makes use of high grade, durable and ecologically friendly material. It is, for this reason, we use Thermowood, which is PEFC (Programme for the Endorsement of Forest Certification) certified, using only trees from well managed and replanted forest areas of Northern Finland for all our wooden products.

THERMALLY MODIFIED WOOD

Thermally Modified Wood (aka Thermowood), is a type of wood that has been modified and processed by extreme heat, where- in the absence of oxygen, inducing chemical changes within the wall structure of the wood in order to increase its durability. The low oxygen content also prevents burning at any temperature below the processed temperature. We ensure that all the wood used in our products are chosen from the very best pine trees, and are processed using only heat and steam with no chemicals added. With 0% humidity, the products are therefore resin-free, insect and fungus resistant, and are extremely durable and weather resistant.

Naturally patterned, and covered with wood shield (available in a variety of colors) along with waterproofing, our hand-made

wood products are suitable for outdoor use. For elevated height requirements, we reinforce the wood with internal claddings to ensure added durability. Additionally, the high-grade industrial glue used for our products has been proven to be extremely durable while preserving the natural properties of the wood itself allowing us to provide a 10-year guarantee on all our wooden products.



Dimensional Stability

Retains its shape better than untreated wood and therefore a perfect choice for demanding applications.



All Climates

Can be used both indoors and outdoors in all climate conditions.



Weather Endurance

Durable and weather-resistant, Lunawood Thermo-D has Class 2 decay resistance.



Non Toxic

Completely natural and toxic-free material.



Thermal Insulation

Decreased heat transmission compared to untreated wood.



Resin Free

Resin is removed during the Thermal modification process.



Sustainable Forestry

The raw material is grown in sustainable and certified Nordic forests.



Certified Quality

Trademarked product produced by patented and annually audited process.



WOODEN LED BOLLARD AND POLE LIGHTS

At LUMO we pride ourselves in providing innovative, customizable and unique lighting solutions and our wooden LED bollard and pole lights are the prime examples of this ideology. By combining the natural beauty and benefits of using wood-based fixtures along with the strength of LED technology our wooden luminaires will deliver a beautiful natural design guaranteed to not only add definition to the aesthetics of any project but provide a long-lasting and ecologically friendly lighting solution for years to come.



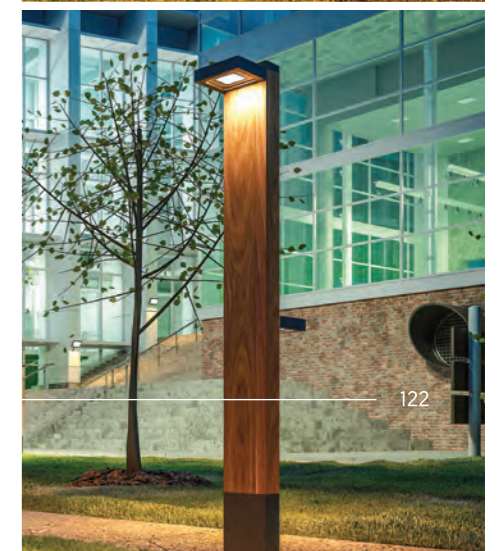
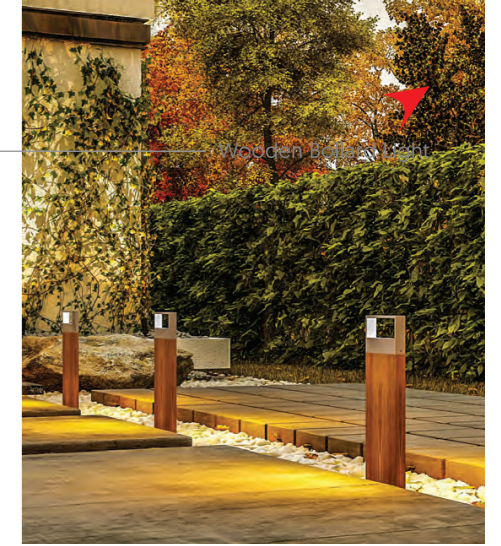
While our products are completely customized to suit your project requirements, our bollard units are designed for a more focused illumination pattern such as gardens, walkways or narrow pathways; While the poles with their elevated height cover a wider area, ideal for streets, parks, promenades or wide walkways. Ultimately, LUMO provides customized and unique lighting solutions; making every landscape project one of a kind.

ECOLOGICALLY FRIENDLY

At LUMO, our primary concern above all else is the well-being and preservation of the environment which we aim to uphold with our wide range of lighting solutions. Our wooden luminaires are therefore designed to not only be sustainable but also provide a beautiful and unique lighting solution. The inspiration that using wooden products can not only be durable and feasible; but can also help improve the environment, is our primary reason for wanting to deliver a product that is stylish, practical and beneficial to the environment.

CUSTOMIZABLE AND UNIQUE

As our lights are fully customizable by the client, the true range of our designs is limitless. With the ability to deliver as per project design, we deliver according to client design rather than finding the best fit. Removing the restriction of limited design, the only question you really need to ask yourself is what color finishing your desired lighting unit should be.





STURDY DESIGN AND STABILITY

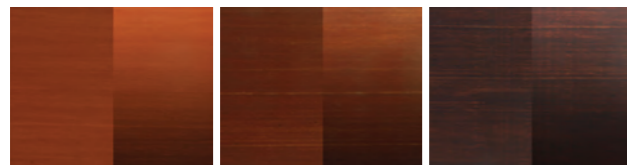
All our wooden luminaires are hand-made using only the highest quality material, from pine wood to heavy-duty industrial glue and a hot-dipped-galvanized-steel base which once set into the ground holds the wood body firmly in place. The galvanization process allows for the longevity of the base, especially where humidity and moisture may cause rust and other damage to an otherwise 'unprocessed' base and damage the unit as a whole. For our pole fixtures with extended elevation, the fixtures are reinforced with internal cladding for added resilience and stability.



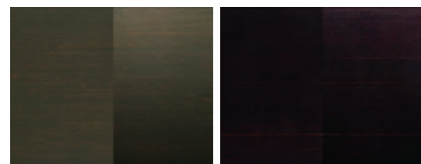
MATT / GLOSS COLOR FINISHES:



16 - Bronze Yellow 17 - Sunset 18 - Acacia



19 - Nyatoh 20 - Buckeye 21 - Palisander



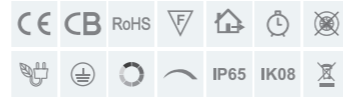
22 - Carbon Grey 23 - Ebony

WIDE SPECTRUM OF COLOR FINISHES

As finished products are customized based on client needs, a wide variety of color finishes provide designers and landscape architects with the opportunity to implement their intended color scheme with the beauty of natural wood in their designs. All our color finishes have been specifically formulated with Woodshield Exterior; a superior wooden finish that will protect wood against the most extreme of weather conditions, providing 2x longer performance providing UV protection, guard against color fading, cracking peeling and erosion due to weathering.

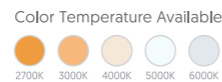


COLTON SERIES



Material Specification

Body	: Pinewood
Base & Head	: Galvanized Steel + Die-cast Aluminum
Diffuser	: Opal PC
Gasket	: Tooling Shaped Seal
Driver	: Built-in driver
Power Cable	: H05RN-F 2x1.0mm ² L-0.5m (low voltage) H05RN-F 3x0.75mm ² L-0.5m (high voltage)



Applications

Landscape, parks, pathways, driveways, gardens, cornish

Control

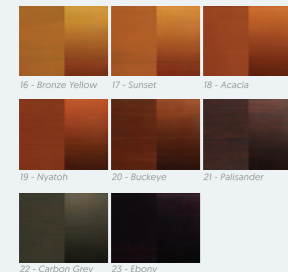
On/Off version
[Optional 0/1-10V, DALI]

Light Source



Available Color Finish

MATT / GLOSS COLOR FINISHES:



Order Code Format

XXXXXX	X	XX	XXX	XX
Part Number	Input Voltage	CCT	Beam Angle	Color Finish

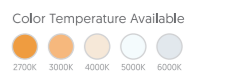
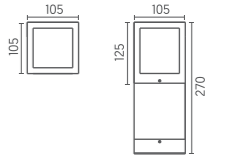
Input Voltage	CCT	Beam Angle	Color Finish
3 - 240V	27 - 2700K	360 - 360°	16 - Bronze Yellow
	30 - 3000K		17 - Sunset
	40 - 4000K		18 - Acacia
	50 - 5000K		19 - Nyatoh
	60 - 6000K		20 - Buckeye
			21 - Palisander
			22 - Carbon Grey
			23 - Ebony

Product Specification



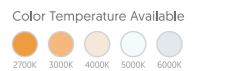
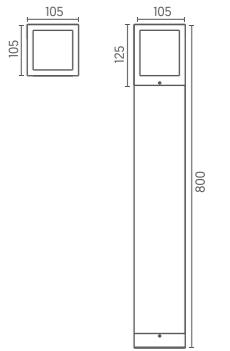
130101

Light Source	: Cree SMD LED
Power	: 15W
Input Voltage	: 200-240V AC, 50/60Hz
CRI	: >80
Lumen Output	: 1200lm
Beam Angle	: 360°
Material	: Die-cast Aluminum + Pinewood + Galvanized Steel
Diffuser	: Opal PC
Protection	: IP65
Dimension	: As per drawing



130102

Light Source	: Cree SMD LED
Power	: 15W
Input Voltage	: 200-240V AC, 50/60Hz
CRI	: >80
Lumen Output	: 1200lm
Beam Angle	: 360°
Material	: Die-cast Aluminum + Pinewood + Galvanized Steel
Diffuser	: Opal PC
Protection	: IP65
Dimension	: As per drawing



Accessories



IP68 2 way connector

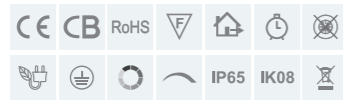
IP68 3 way connector



IP68 4 way connector

LED Driver

COOPER SERIES



Applications

Landscape, parks, pathways, driveways, gardens, cornish

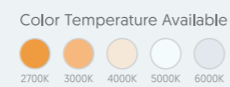
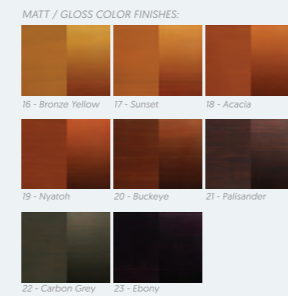
Control

On/Off version
[Optional 0/1-10V, DALI]

Light Source



Available Color Finish



Material Specification

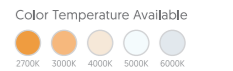
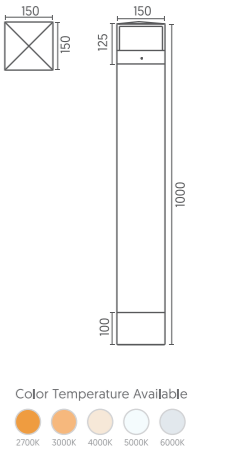
Body	: Pinewood
Base & Head	: Galvanized Steel + Die-cast Aluminum
Diffuser	: Opal PC + Clear PC
Gasket	: Tooling Shaped Seal
Driver	: Built-in driver
Power Cable	: H05RN-F 2x1.0mm ² L-0.5m [low voltage] H05RN-F 3x0.75mm ² L-0.5m [high voltage]

Product Specification



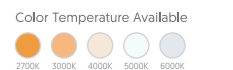
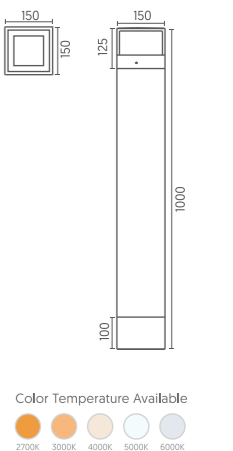
130103

Light Source : Cree SMD LED
Power : 12W
Input Voltage : 220-240V AC, 50/60Hz
CRI : >80
Lumen Output : 960lm
Beam Angle : 360°
Material : Die-cast Aluminum + Pinewood + Galvanized Steel
Diffuser : Opal PC + Clear PC
Protection : IP65
Dimension : As per drawing



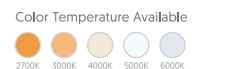
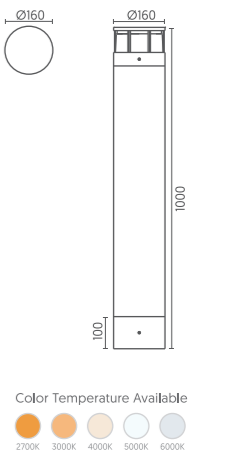
130104

Light Source : Cree SMD LED
Power : 12W
Input Voltage : 220-240V AC, 50/60Hz
CRI : >80
Lumen Output : 960lm
Beam Angle : 360°
Material : Die-cast Aluminum + Pinewood + Galvanized Steel
Diffuser : Opal PC + Clear PC
Protection : IP65
Dimension : As per drawing

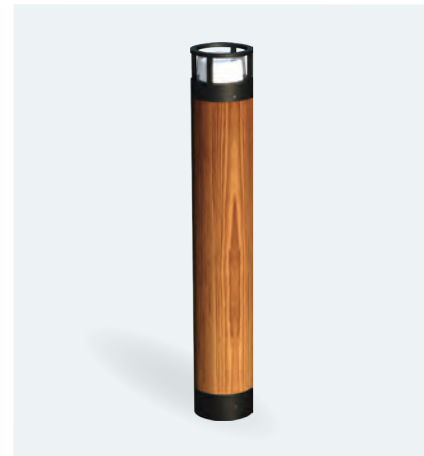


130105

Light Source : Cree SMD LED
Power : 12W
Input Voltage : 220-240V AC, 50/60Hz
CRI : >80
Lumen Output : 960lm
Beam Angle : 360°
Material : Die-cast Aluminum + Pinewood + Galvanized Steel
Diffuser : Opal PC + Clear PC
Protection : IP65
Dimension : As per drawing

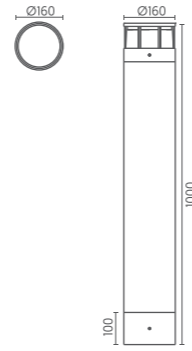


Product Specification



130106

Light Source : Cree SMD LED
 Power : 12W
 Input Voltage : 220-240V AC, 50/60Hz
 CRI : >80
 Lumen Output : 960lm
 Beam Angle : 360°
 Material : Die-cast Aluminum + Pinewood + Galvanized Steel
 Diffuser : Opal PC + Clear PC
 Protection : IP65
 Dimension : As per drawing



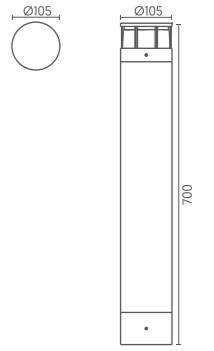
Color Temperature Available
 2700K 3000K 4000K 5000K 6000K

Product Specification



130109

Light Source : Cree SMD LED
 Power : 6W
 Input Voltage : 220-240V AC, 50/60Hz
 CRI : >80
 Lumen Output : 480lm
 Beam Angle : 360°
 Material : Die-cast Aluminum + Pinewood + Galvanized Steel
 Diffuser : Opal PC + Clear PC
 Protection : IP65
 Dimension : As per drawing

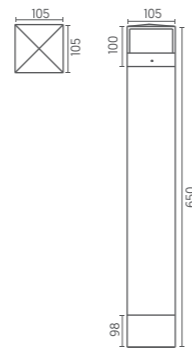


Color Temperature Available
 2700K 3000K 4000K 5000K 6000K



130107

Light Source : Cree SMD LED
 Power : 6W
 Input Voltage : 220-240V AC, 50/60Hz
 CRI : >80
 Lumen Output : 480lm
 Beam Angle : 360°
 Material : Die-cast Aluminum + Pinewood + Galvanized Steel
 Diffuser : Opal PC + Clear PC
 Protection : IP65
 Dimension : As per drawing

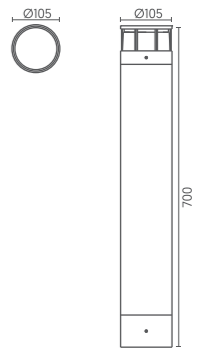


Color Temperature Available
 2700K 3000K 4000K 5000K 6000K



130110

Light Source : Cree SMD LED
 Power : 6W
 Input Voltage : 220-240V AC, 50/60Hz
 CRI : >80
 Lumen Output : 480lm
 Beam Angle : 360°
 Material : Die-cast Aluminum + Pinewood + Galvanized Steel
 Diffuser : Opal PC + Clear PC
 Protection : IP65
 Dimension : As per drawing



Color Temperature Available
 2700K 3000K 4000K 5000K 6000K



130108

Light Source : Cree SMD LED
 Power : 6W
 Input Voltage : 220-240V AC, 50/60Hz
 CRI : >80
 Lumen Output : 480lm
 Beam Angle : 360°
 Material : Die-cast Aluminum + Pinewood + Galvanized Steel
 Diffuser : Opal PC + Clear PC
 Protection : IP65
 Dimension : As per drawing



Color Temperature Available
 2700K 3000K 4000K 5000K 6000K

Accessories



IP68 2 way connector

IP68 3 way connector



IP68 4 way connector

LED Driver

Order Code Format



Input Voltage	CCT	Beam Angle	Color Finish
3 - 240V	27 - 2700K	360 - 360°	16 - Bronze Yellow
	30 - 3000K		17 - Sunset
	40 - 4000K		18 - Acacia
	50 - 5000K		19 - Nyatoh
	60 - 6000K		20 - Buckeye
			21 - Palisander
			22 - Carbon Grey
			23 - Ebony

OLIVER SERIES



Material Specification

- Body : Pinewood
- Base & Head : Galvanized Steel + Die-cast Aluminum
- Diffuser : Opal PC
- Gasket : Tooling Shaped Seal
- Driver : Built-in driver
- Power Cable : H05RN-F 2x1.0mm² L-0.5m (low voltage)
H05RN-F 3x0.75mm² L-0.5m (high voltage)

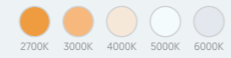
Control

On/Off version
[Optional 0/1-10V, DALI]

Light Source

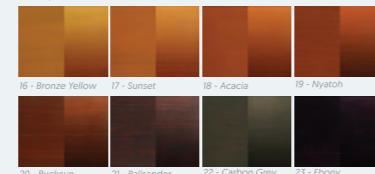


Color Temperature Available



Available Color Finish

MATT / GLOSS COLOR FINISHES:



Applications

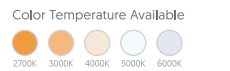
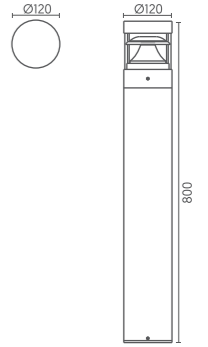
Landscape, parks, pathways, driveways, gardens, cornish

Product Specification



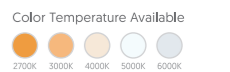
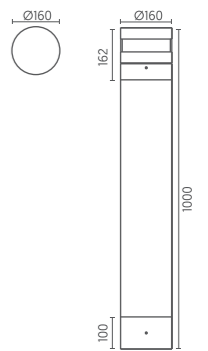
130118

- Light Source : Cree SMD LED
- Power : 15W
- Input Voltage : 200-240V AC, 50/60Hz
- CRI : >80
- Lumen Output : 1125lm
- Beam Angle : 360°
- Material : Die-cast Aluminum + Pinewood + Galvanized Steel
- Diffuser : PC
- Protection : IP65
- Dimension : As per drawing



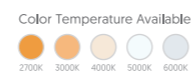
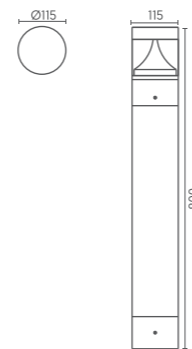
130127

- Light Source : Cree SMD LED
- Power : 24W
- Input Voltage : 200-240V AC, 50/60Hz
- CRI : >80
- Lumen Output : 1536lm
- Beam Angle : 180°
- Material : Die-cast Aluminum + Pinewood + Galvanized Steel
- Diffuser : PC
- Protection : IP65
- Dimension : As per drawing



130119

- Light Source : Cree SMD LED
- Power : 10W
- Input Voltage : 200-240V AC, 50/60Hz
- CRI : >80
- Lumen Output : 800lm
- Beam Angle : 360°
- Material : Die-cast Aluminum + Pinewood + Galvanized Steel
- Diffuser : Opal PC + Clear PC
- Protection : IP65
- Dimension : As per drawing



Accessories



IP68 2 way connector

IP68 3 way connector



IP68 4 way connector

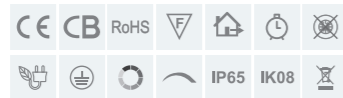
LED Driver

Order Code Format



Input Voltage	CCT	Beam Angle	Color Finish
3 - 240V	27 - 2700K	360 - 360°	16 - Bronze Yellow
	30 - 3000K	180 - 180°	17 - Sunset
40 - 4000K	40 - 4000K		18 - Acacia
	50 - 5000K		19 - Nyatoh
60 - 6000K	60 - 6000K		20 - Buckeye
			21 - Palisander
			22 - Carbon Grey
			23 - Ebony

GUSTAVO SERIES



Material Specification

Body	: Pinewood
Base & Head	: Galvanized Steel + Die-cast Aluminum
Diffuser	: PC
Gasket	: Tooling Shaped Seal
Driver	: Built-in driver
Power Cable	: H05RN-F 2x1.0mm ² L-0.5m [low voltage] H05RN-F 3x0.75mm ² L-0.5m [high voltage]

Applications

Landscape, parks, pathways, driveways, gardens, cornish

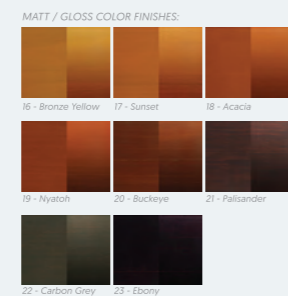
Control

On/Off version

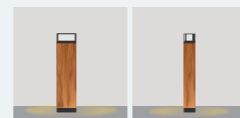
Light Source



Available Color Finish



Color Temperature Available



Order Code Format

XXXXXX	X	XX	XXX	XX
Part Number	Input Voltage	CCT	Beam Angle	Color Finish

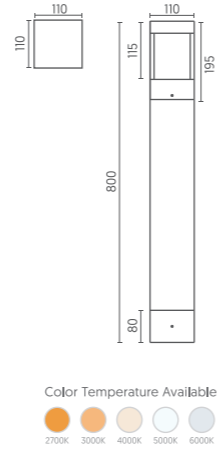
Input Voltage	CCT	Beam Angle	Color Finish
3 - 240V	27 - 2700K	360 - 360°	16 - Bronze Yellow
	30 - 3000K	180 - 180°	17 - Sunset
	40 - 4000K		18 - Acacia
	50 - 5000K		19 - Nyatoh
	60 - 6000K		20 - Buckeye
		21 - Palisander	
		22 - Carbon Grey	
			23 - Ebony



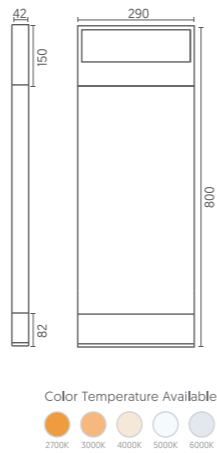
Product Specification



130128
 Light Source : Cree SMD LED
 Power : 7W
 Input Voltage : 200-240V AC, 50/60Hz
 CRI : >80
 Lumen Output : 455lm
 Beam Angle : 360°
 Material : Die-cast Aluminum + Pinewood + Galvanized Steel
 Diffuser : PC
 Protection : IP65
 Dimension : As per drawing



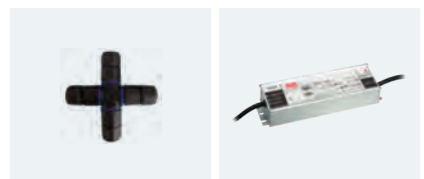
130129
 Light Source : Cree SMD LED
 Power : 14W
 Input Voltage : 200-240V AC, 50/60Hz
 CRI : >80
 Lumen Output : 770lm
 Beam Angle : 180°
 Material : Die-cast Aluminum + Pinewood + Galvanized Steel
 Diffuser : PC
 Protection : IP65
 Dimension : As per drawing



Accessories



IP68 2 way connector IP68 3 way connector



IP68 4 way connector LED Driver

HUDSON SERIES



Applications

Landscape, parks, pathways, driveways, gardens, cornish

Available Color Finish



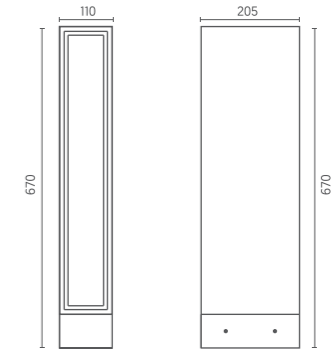
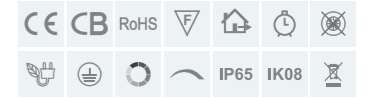
Accessories



IP68 2 way connector IP68 3 way connector



IP68 4 way connector LED Driver



Product Specification

130120
 Light Source : Cree SMD LED
 Power : 26W
 Input Voltage : 190-240V AC, 50/60Hz
 CRI : >80
 Lumen Output : 1820lm
 Beam Angle : 120°
 Material : Galvanized Steel + Pinewood
 Diffuser : Frosted Tempered Glass
 Protection : IP65
 Dimension : As per drawing

Control

On/Off version
 [Optional 0/1-10V, DALI]

Light Source

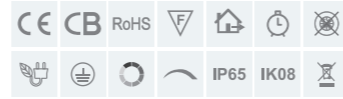
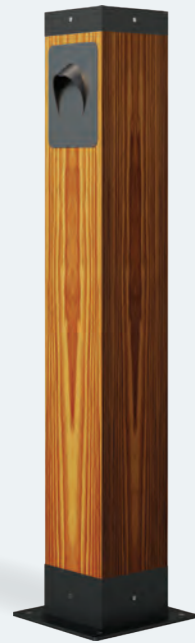


Order Code Format



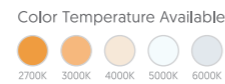
Input Voltage	CCT	Beam Angle	Color Finish
3 - 240V	27 - 2700K	120 - 120°	16 - Bronze Yellow
	30 - 3000K		17 - Sunset
	40 - 4000K		18 - Acacia
	50 - 5000K		19 - Nyatoh
	60 - 6000K		20 - Buckeye
			21 - Palisander
			22 - Carbon Grey
			23 - Ebony

PEDRO SERIES



Material Specification

Body	: Pinewood
Base & Head	: Galvanized Steel + Die-cast Aluminum
Diffuser	: PC
Gasket	: Tooling Shaped Seal
Driver	: Built-in driver
Power Cable	: H05RN-F 2x1.0mm ² L-0.5m (low voltage) H05RN-F 3x0.75mm ² L-0.5m (high voltage)



Applications

Landscape, parks, pathways, driveways, gardens, cornish

Control

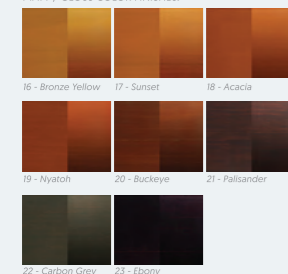
On/Off version

Light Source



Available Color Finish

MATT / GLOSS COLOR FINISHES:



Order Code Format

XXXXXX	X	XX	XXX	XX
Part Number	Input Voltage	CCT	Beam Angle	Color Finish

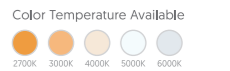
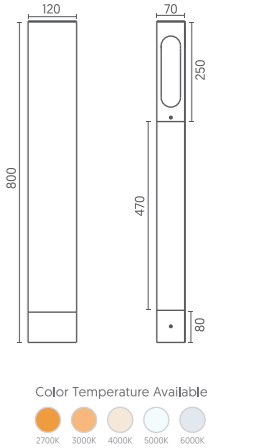
Input Voltage	CCT	Beam Angle	Color Finish
3 - 240V	27 - 2700K	360 - 360°	16 - Bronze Yellow
	30 - 3000K		17 - Sunset
	40 - 4000K		18 - Acacia
	50 - 5000K		19 - Nyatoh
	60 - 6000K		20 - Buckeye
			21 - Palisander
			22 - Carbon Grey
			23 - Ebony

Product Specification



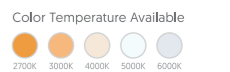
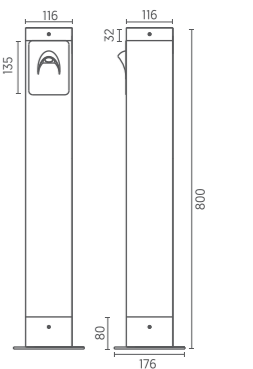
130114

Light Source	: Cree SMD LED
Power	: 7W
Input Voltage	: 200-240V AC, 50/60Hz
CRI	: >80
Lumen Output	: 490lm
Beam Angle	: 360°
Material	: Die-cast Aluminum + Pinewood + Galvanized Steel
Diffuser	: PC
Protection	: IP65
Dimension	: As per drawing



130115

Light Source	: Osram LED
Power	: 6W
Input Voltage	: 220-240V AC, 50/60Hz
CRI	: >80
Lumen Output	: 480lm
Beam Angle	: 360°
Material	: Die-cast Aluminum + Pinewood + Galvanized Steel
Diffuser	: PC
Protection	: IP65
Dimension	: As per drawing



Accessories



IP68 2 way connector

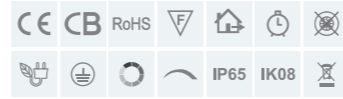
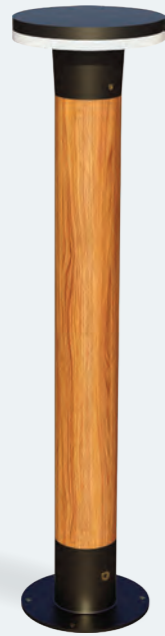
IP68 3 way connector



IP68 4 way connector

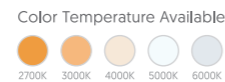
LED Driver

JUAN SERIES



Material Specification

Body	: Pinewood
Base & Head	: Galvanized Steel + Die-cast Aluminum
Diffuser	: PC
Gasket	: Tooling Shaped Seal
Driver	: Built-in driver
Power Cable	: H05RN-F 2x1.0mm ² L-0.5m (low voltage) H05RN-F 3x0.75mm ² L-0.5m (high voltage)



Applications

Landscape, parks, pathways, driveways, gardens, cornish

Control

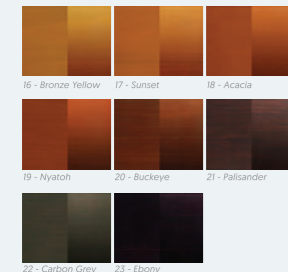
On/Off version
[Optional 0/1-10V, DALI]

Light Source



Available Color Finish

MATT / GLOSS COLOR FINISHES:

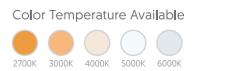
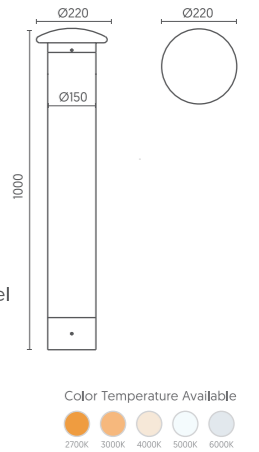


Product Specification



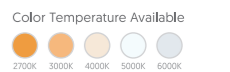
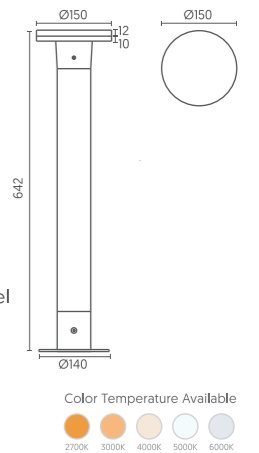
130121

Light Source	: Cree SMD LED
Power	: 10W
Input Voltage	: 200-240V AC, 50/60Hz
CRI	: >80
Lumen Output	: 705lm
Beam Angle	: 360°
Material	: Die-cast Aluminum + Pinewood + Galvanized Steel
Diffuser	: PC
Protection	: IP65
Dimension	: As per drawing



130131

Light Source	: Cree SMD LED
Power	: 6W
Input Voltage	: 220-240V AC, 50/60Hz
CRI	: >80
Lumen Output	: 480lm
Beam Angle	: 360°
Material	: Die-cast Aluminum + Pinewood + Galvanized Steel
Diffuser	: PC
Protection	: IP65
Dimension	: As per drawing



Accessories



IP68 2 way connector

IP68 3 way connector



IP68 4 way connector

LED Driver

Order Code Format

XXXXXX	X	XX	XXX	XX
Part Number	Input Voltage	CCT	Beam Angle	Color Finish

Input Voltage	CCT	Beam Angle	Color Finish
3 - 240V	27 - 2700K	360 - 360°	16 - Bronze Yellow
	30 - 3000K		17 - Sunset
	40 - 4000K		18 - Acacia
	50 - 5000K		19 - Nyatoh
	60 - 6000K		20 - Buckeye
			21 - Palisander
			22 - Carbon Grey
			23 - Ebony

OSKAR SERIES



Material Specification

Body	: Pinewood
Base	: Galvanized Steel
Diffuser	: PC
Gasket	: Tooling Shaped Seal
Driver	: Built-in driver
Power Cable	: H05RN-F 2x1.0mm ² L-0.5m (low voltage) H05RN-F 3x0.75mm ² L-0.5m (high voltage)

Control

On/Off version
(Optional 0/1-10V, DALI)

Light Source

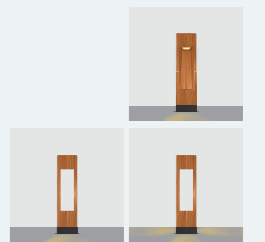
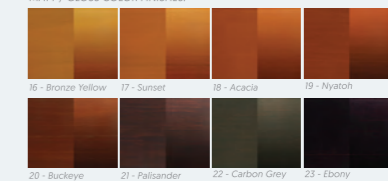


Color Temperature Available



Available Color Finish

MATT / GLOSS COLOR FINISHES:



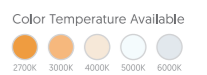
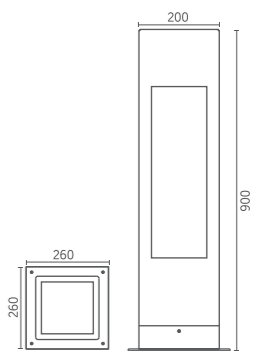
Applications

Landscape, parks, pathways, driveways, gardens, cornish



130111

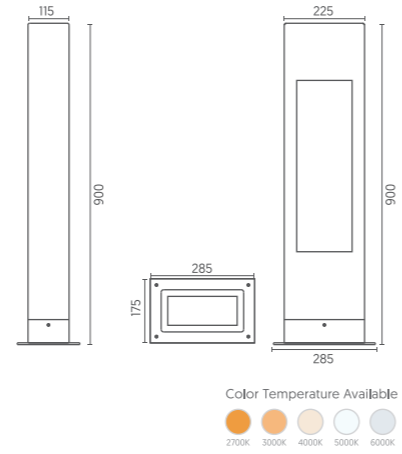
Light Source	: Cree SMD LED
Power	: 13W
Input Voltage	: 200-240V AC, 50/60Hz
CRI	: >80
Lumen Output	: 975lm
Beam Angle	: 360°
Material	: Galvanized Steel + Pinewood
Diffuser	: PC
Protection	: IP65
Dimension	: As per drawing



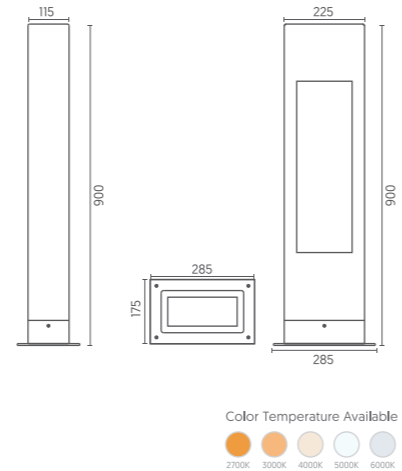
Product Specification



130112
 Light Source : Cree SMD LED
 Power : 13W
 Input Voltage : 200-240V AC, 50/60Hz
 CRI : >80
 Lumen Output : 975lm
 Beam Angle : 180°
 Material : Galvanized Steel + Pinewood
 Diffuser : PC
 Protection : IP65
 Dimension : As per drawing



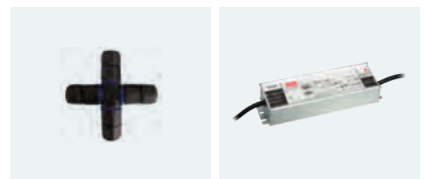
130113
 Light Source : Cree SMD LED
 Power : 10W
 Input Voltage : 200-240V AC, 50/60Hz
 CRI : >80
 Lumen Output : 705lm
 Beam Angle : Asymmetric
 Material : Galvanized Steel + Pinewood
 Diffuser : PC
 Protection : IP65
 Dimension : As per drawing



Accessories



IP68 2 way connector IP68 3 way connector



IP68 4 way connector LED Driver

Order Code Format



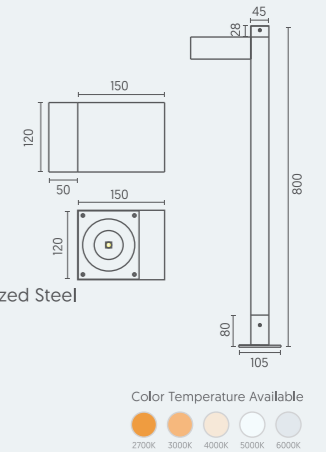
Input Voltage	CCT	Beam Angle	Color Finish
3 - 240V	27 - 2700K	360 - 360°	16 - Bronze Yellow
	30 - 3000K	180 - 180°	17 - Sunset
	40 - 4000K	371 - Asymmetric	18 - Acacia
	50 - 5000K		19 - Nyatoh
	60 - 6000K		20 - Buckeye
			21 - Palisander
			22 - Carbon Grey
			23 - Ebony

AUSTIN SERIES

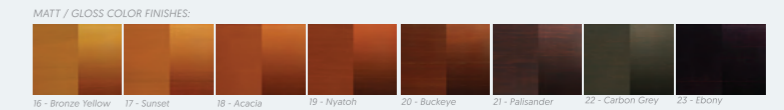


Product Specification

130116
 Light Source : Cree SMD LED
 Power : 7W
 Input Voltage : 200-240V AC, 50/60Hz
 CRI : >80
 Lumen Output : 490lm
 Beam Angle : Asymmetric
 Material : Die-cast Aluminum + Pinewood + Galvanized Steel
 Diffuser : PC
 Protection : IP65
 Dimension : As per drawing



Available Color Finish



Applications

Landscape, parks, pathways, driveways, gardens, cornish

Control

On/Off version
 (Optional 0/1-10V, DALI)

Light Source



Accessories



IP68 2 way connector IP68 3 way connector



IP68 4 way connector LED Driver

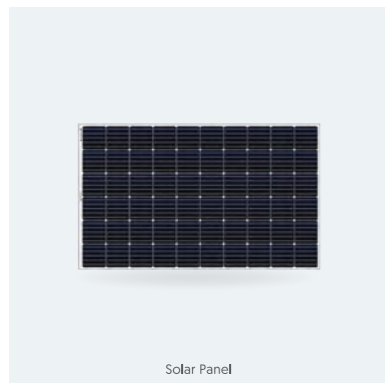
Order Code Format



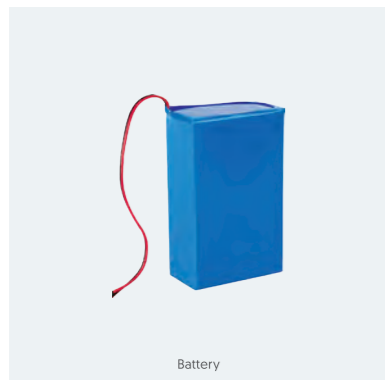
Input Voltage	CCT	Beam Angle	Color Finish
3 - 240V	27 - 2700K	371 - Asymmetric	16 - Bronze Yellow
	30 - 3000K		17 - Sunset
	40 - 4000K		18 - Acacia
	50 - 5000K		19 - Nyatoh
	60 - 6000K		20 - Buckeye
			21 - Palisander
			22 - Carbon Grey
			23 - Ebony

SOLAR LED WOODEN BOLLARD LIGHT

SIMPLE. BETTER. EFFECTIVE



Solar Panel



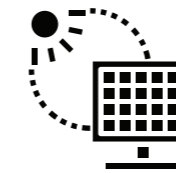
Battery



LED Chip

Our lights are the product of real-world experience with all types of solar power systems and solar powered lighting. Every component and design decision has been carefully considered to ensure it aligns with our mission of making solar lighting simple, cost-effective and reliable.

All elements of our solar lights are contained in the fixture itself. This minimizes visual clutter and gives the appearance of a regular light but with no ongoing electrical costs or risk of blackouts.



SOLAR PANEL

We use the most efficient, custom designed, monocrystalline solar technology that is commercially available. These give our lights more power and they are seamlessly integrated into each light.



BATTERIES

We use lithium ion phosphate batteries that are unparalleled in power density and lifetime, especially when compared to traditional lead acid batteries.



LEDs

We work with the leading LED suppliers in the world and optimize our designs so that they produce more light using less energy.



MECHANICAL CONSTRUCTION

All products are robustly designed for use in public places while providing great daytime appearance. They can handle the worst that nature and people can dish out.



INTELLIGENT CONTROLS

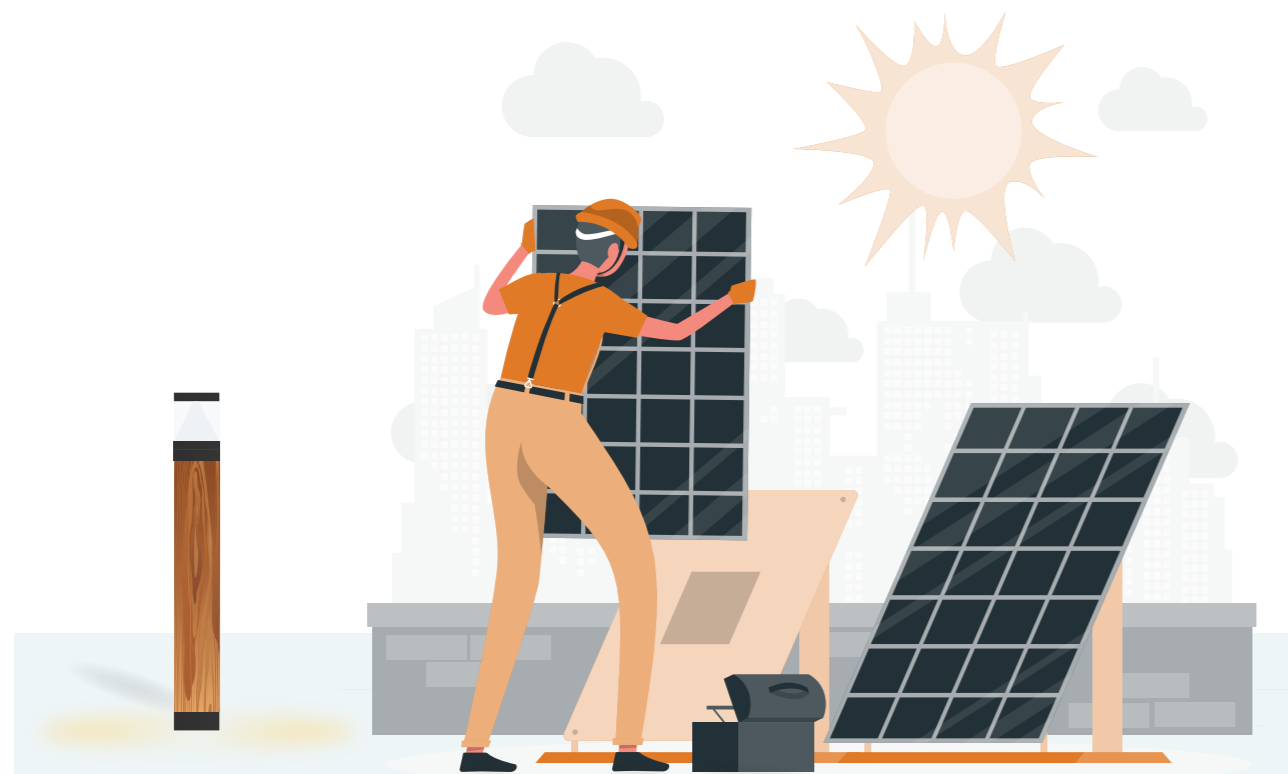
Our purpose built, intelligent controls maximize performance and reliability using their predictive, self-learning capabilities. They also include smart features such as data logging, various lighting profiles and communication interfaces.



OPTICAL SYSTEMS

Our high-efficiency optical designs ensure great lighting performance for a wide variety of applications. From pathways to parks and parking lots we have the right fit.

CONVENIENCE AND ELEGANCE COMBINED



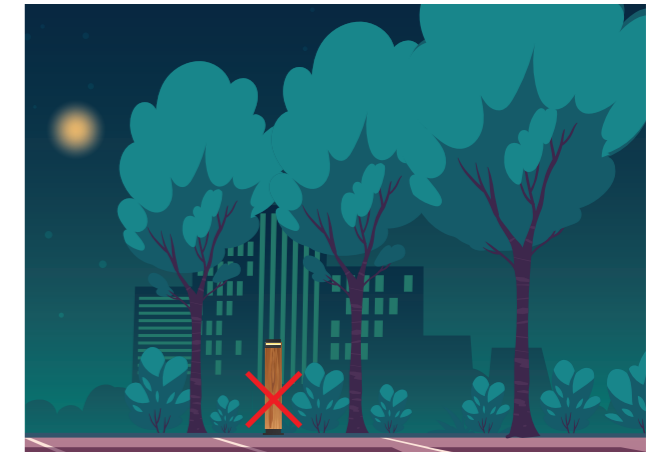
By combining solar technology with our wooden fixtures, we at LUMO expand even further the benefits of such designs. Aside from the obvious benefits of using solar energy [i.e. environmentally friendly etc...] these units allow for functionality and are in fact the only option for areas with no access to electricity, where blackouts are habitual or to simply reduce electrical cost. All of this is achieved while the luminaires retain the elegant and sturdy design which makes wooden lights an attractive solution, to begin with.

NOTES BEFORE INSTALLATION

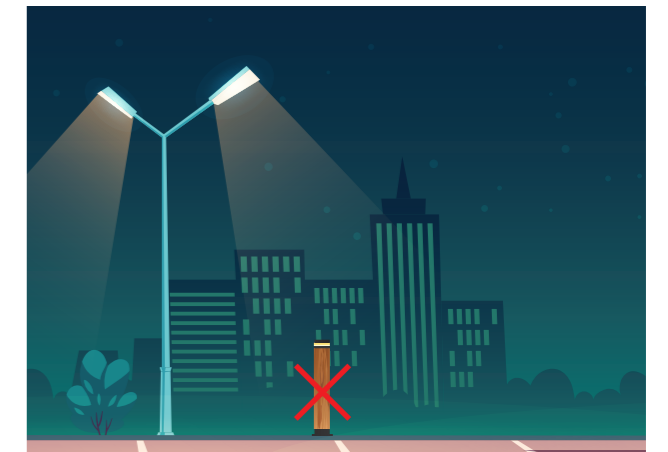
1. We recommend the solar light be placed in direct sunlight for up to 8 hours before installation.
2. The working time of the light depends on charging of the battery and this is affected by weather and season. Solar Panels do not receive as much direct sunlight in the winter months. Therefore, the number of hours the light stays on will be reduced during winter.
3. Make sure the solar bollard light is located in an area where the solar panel can get the maximum amount of full, direct sunlight every day.
4. Do not install light under tree, move any debris on the top of solar panel and clean occasionally. If your solar lights are located too close to a street light, porch light or any other light it may not turn on automatically at night because the built-in photocell light sensor cannot detect dark and cannot transfer information to the sensor which is built into the panel.

DO NOT INSTALL THE SOLAR LIGHT IN BELOW LOCATIONS:

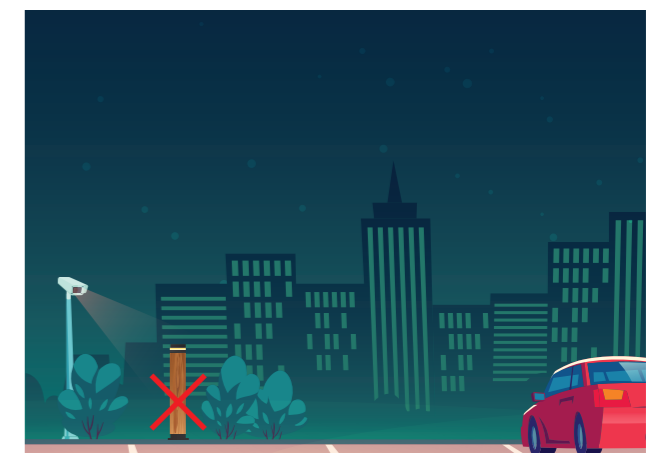
1. Glass Room; (The sunlight was blocked by glass.)
2. Monitored Area; (Monitoring area with infrared, it will affect the brightness of light.)
3. Under the roof; (There should not have roof, trees, or cable etc. to block the light panel.)
4. Short Sun lighting time area; (Sun lighting time of installation area should be at less 6 hours.)



Tree Blocked Area



Area with other lighting nearby



Monitored Area



CUSTOMIZABLE DESIGN

While the majority of solar-powered lighting products in the market are of fixed and bulky design due to their attached solar panels, we at LUMO thrive to deliver what benefits the aesthetics and overall design, while still delivering units capable of benefiting from solar energy. Integrating the solar panels with the overall design, the units allow for the use of solar power technology with a fully customized design using wooden fixtures; providing the designers freedom to choose as they desire rather than having to sacrifice aesthetics for the use of clean, renewable energy.



DURABILITY AND STABILITY

When considering solar-powered lighting, the durability and stability of the units generally cause reconsideration. However, the combination of sturdy and durable wood design and integrated solar technology eliminates this issue altogether; allowing for a wide range of design choices for solar powered luminaires. While the wooden portion is heavily treated and guaranteed for at least 10 years, the fixtures are supported by a hot-dipped-galvanized-steel base which once set into the ground holds the body firmly in place. The galvanization process allows for the longevity of the base, especially where humidity and moisture may otherwise cause rust and other damage to the base and unit as a whole.



DANIL SERIES



Material Specification

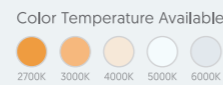
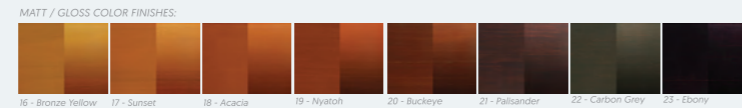
- Body : Pinewood
- Head : Die-cast Aluminum
- Base : Galvanized Steel
- Diffuser : PC
- Gasket : Tooling Shaped Seal
- Driver : Built-in driver
- Power Cable : H05RN-F 2x1.0mm² L-0.5m [low voltage]
H05RN-F 3x0.75mm² L-0.5m [high voltage]

Control

On/Off version
[Optional 0/1-10V, DALI]



Available Color Finish



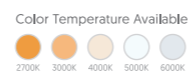
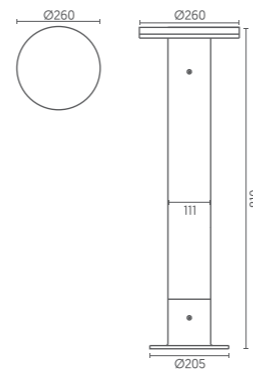
Applications

Landscape, parks, pathways, driveways, gardens, cornish



130126

- Light Source : Cree SMD LED
- Power : 4W
- Battery : 4000-6000mAH
- Lumen Output : 480lm
- Beam Angle : 360°
- Material : Galvanized Steel + Pinewood
- Diffuser : Glass
- Working Time : 10-12 Hrs/Day
- Protection : IP65
- Dimension : As per drawing

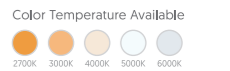
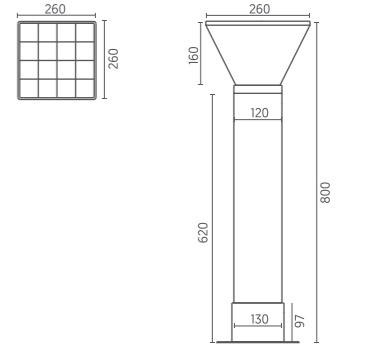


Product Specification



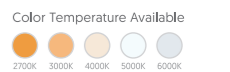
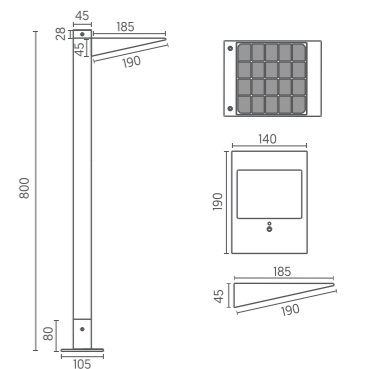
130125

- Light Source : Cree SMD LED
- Power : 8W
- Battery : 4000-6000mAH
- Lumen Output : 252-288lm
- Beam Angle : 360°
- Material : Galvanized Steel + Pinewood
- Diffuser : PC
- Working Time : 10-12 Hrs/Day
- Protection : IP65
- Dimension : As per drawing

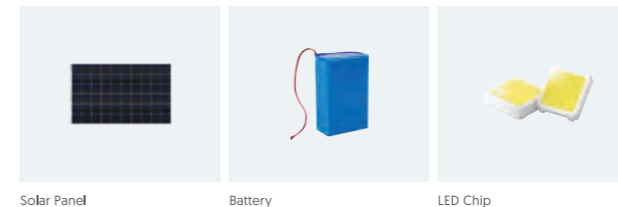


130117

- Light Source : Cree SMD LED
- Power : 2.2W
- Input Voltage : 3.7V DC
- Battery : 2200mAH
- Lumen Output : 198lm
- Beam Angle : 120°
- Material : Die-cast Aluminum + Pinewood
+ Galvanized Steel
- Diffuser : PC
- Protection : IP65
- Dimension : As per drawing



Features



Solar Panel

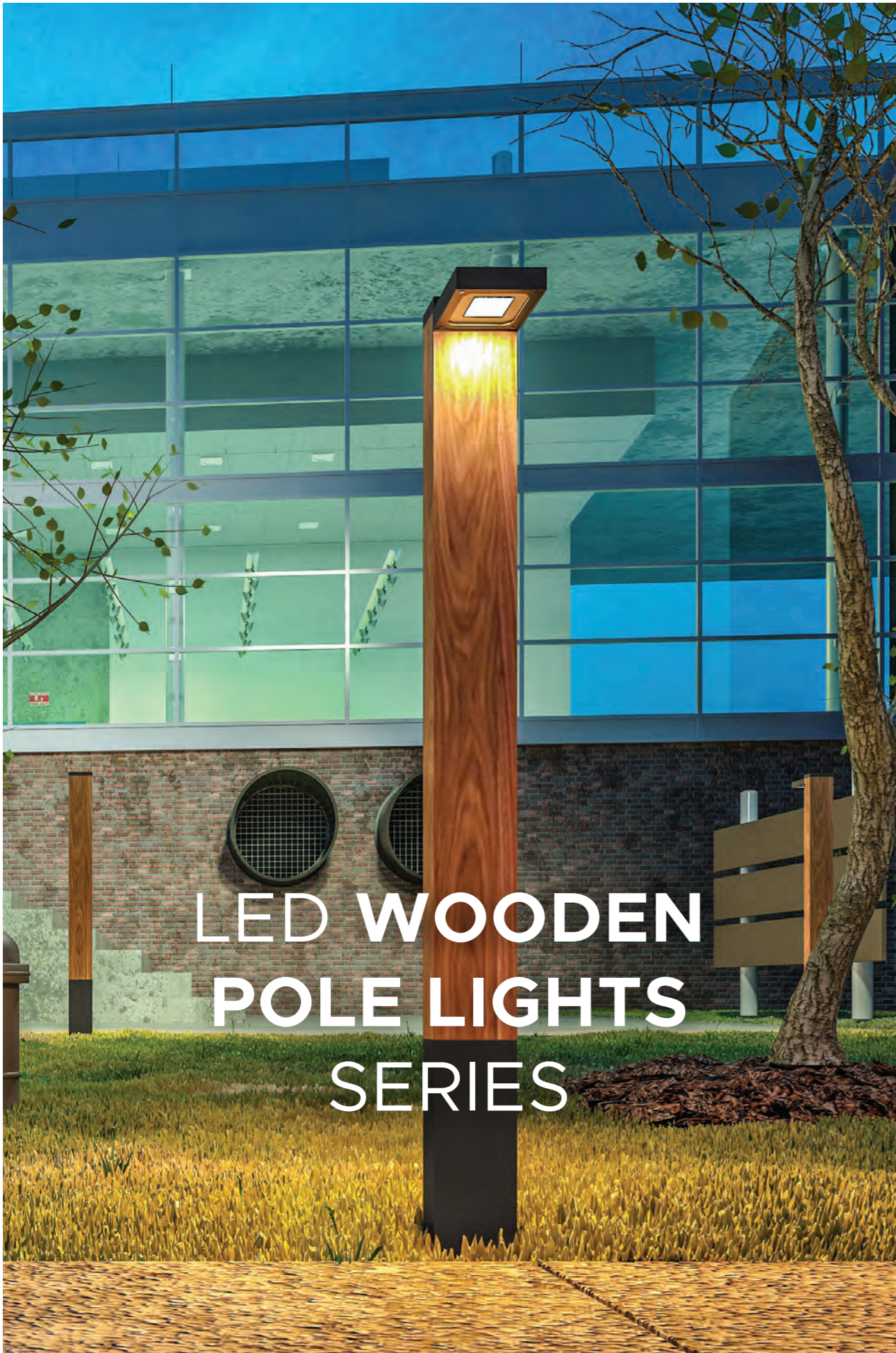
Battery

LED Chip

Order Code Format

XXXXXX	X	XX	XXX	XX
Part Number	Input Voltage	CCT	Beam Angle	Color Finish

Input Voltage	CCT	Beam Angle	Color Finish
5 - Battery	27 - 2700K	120 - 120°	16 - Chestnut 9091
	30 - 3000K	360 - 360°	17 - Cedar 9138
	40 - 4000K		18 - Carbon Grey 9147
	50 - 5000K		19 - Clover 9714
	60 - 6000K		



LED WOODEN POLE LIGHTS SERIES

AUSTIN SERIES

P : 155 - 162



130101 / 130102 /
130103 / 130104

131105 / 131106 /
131107 / 131108

130109 / 131110 /
131111 / 131112

AUSTIN SERIES

Applications

Landscape, parks, pathways, driveways, gardens, cornish, residential streets, car parks and traffic-calmed areas

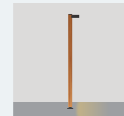
Control

On/Off version

Light Source



Color Temperature Available



Available Color Finish



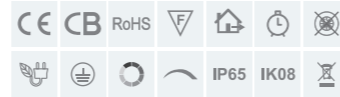
Accessories



IP68 1 way 1 pin connector IP68 2 way 2 pin connector IP68 3 way 3 pin connector



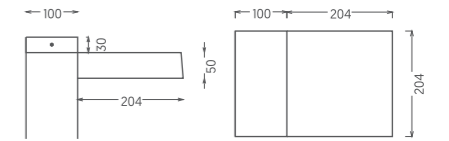
IP68 4 way 4 pin connector LED Driver



Material Specification

Installation	: Pole mounted
Light Head	: Die-cast Aluminum
Diffuser	: Polycarbonate
Gasket	: water vapour resistant silicone
Fixing screw	: buried frame galvanized stainless steel
Driver	: Constant voltage output
Power Cable	: 0.5 meter 3x1 mm ² Ø6-8 mm
Pole	: Pinewood
Base Plate	: Hot dip galvanized steel

Product Dimension



Product Specification

Product No.	131101	131102	131103	131104
Power	8W	10W	16W	37W
Voltage	100-240V AC, 50/60Hz			
CRI	>90			
LED Type	CREE SMD LED			
Beam Angle	120°			
Lumen Output	960lm	1210lm	1952lm	4551lm
Light Head Material	Die-cast Aluminum			
Diffuser Material	Polycarbonate			
Ingress Protection	IP65			
Impact Protection	IK08			
Dimension of the light Head	as per Drawing			
Pole Material	Pinewood			
Base Material	Hot dip galvanized steel			
Control	On / Off			

Order Code Format



Input Voltage	CCT	Beam Angle	Color Finish
3 - 240V	27 - 2700K	120 - 120°	16 - Bronze Yellow
	30 - 3000K		17 - Sunset
	40 - 4000K		18 - Acacia
	50 - 5000K		19 - Nyatoh
	60 - 6000K		20 - Buckeye
			21 - Palisander
			22 - Carbon Grey
			23 - Ebony

AUSTIN SERIES

Applications

Landscape, parks, pathways, driveways, gardens, cornish, residential streets, car parks and traffic-calmed areas

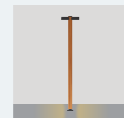
Control

On/Off version

Light Source

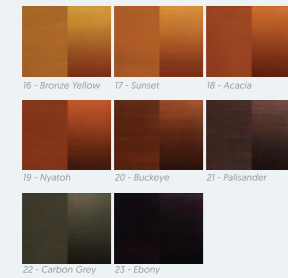


Color Temperature Available



Available Color Finish

MATT / GLOSS COLOR FINISHES:



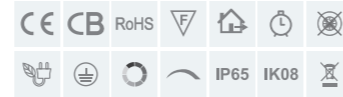
Accessories



IP68 1 way 1 pin connector IP68 2 way 2 pin connector IP68 3 way 3 pin connector



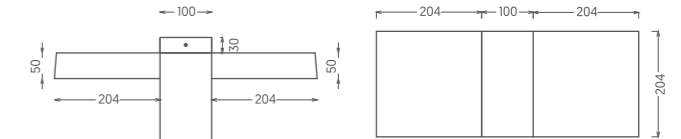
IP68 4 way 4 pin connector LED Driver



Material Specification

Installation	: Pole mounted
Light Head	: Die-cast Aluminum
Diffuser	: Polycarbonate
Gasket	: water vapour resistant silicone
Fixing screw	: buried frame galvanized stainless steel
Driver	: Constant voltage output
Power Cable	: 0.5 meter 3x1 mm ² Ø6-8 mm
Pole	: Pinewood
Base Plate	: Hot dip galvanized steel

Product Dimension



Product Specification

Product No.	131105	131106	131107	131108
Power	2x8W	2x10W	2x16W	2x37W
Voltage	100-240V AC, 50/60Hz			
CRI	>90			
LED Type	CREE SMD LED			
Beam Angle	120°			
Lumen Output	2x960lm	2x1210lm	2x1952lm	2x4551lm
Light Head Material	Die-cast Aluminum			
Diffuser Material	Polycarbonate			
Ingress Protection	IP65			
Impact Protection	IK08			
Dimension of the light Head	as per Drawing			
Pole Material	Pinewood			
Base Material	Hot dip galvanized steel			
Control	On / Off			

Order Code Format



Part Number Input Voltage CCT Beam Angle Color Finish

Input Voltage	CCT	Beam Angle	Color Finish
3 - 240V	27 - 2700K	120 - 120°	16 - Bronze Yellow
	30 - 3000K		17 - Sunset
	40 - 4000K		18 - Acacia
	50 - 5000K		19 - Nyatoh
	60 - 6000K		20 - Buckeye
			21 - Palisander
			22 - Carbon Grey
			23 - Ebony

AUSTIN SERIES

Applications

Landscape, parks, pathways, driveways, gardens, cornish, residential streets, car parks and traffic-calmed areas

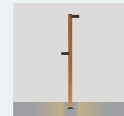
Control

On/Off version

Light Source

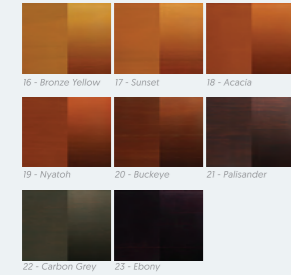


Color Temperature Available



Available Color Finish

MATT / GLOSS COLOR FINISHES:



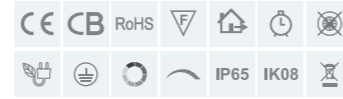
Accessories



IP68 1 way 1 pin connector IP68 2 way 2 pin connector IP68 3 way 3 pin connector



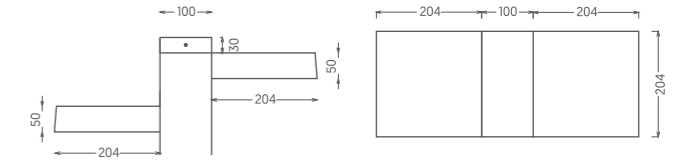
IP68 4 way 4 pin connector LED Driver



Material Specification

Installation	: Pole mounted
Light Head	: Die-cast Aluminum
Diffuser	: Polycarbonate
Gasket	: water vapour resistant silicone
Fixing screw	: buried frame galvanized stainless steel
Driver	: Constant voltage output
Power Cable	: 0.5 meter 3x1 mm ² Ø6-8 mm
Pole	: Pinewood
Base Plate	: Hot dip galvanized steel

Product Dimension



Product Specification

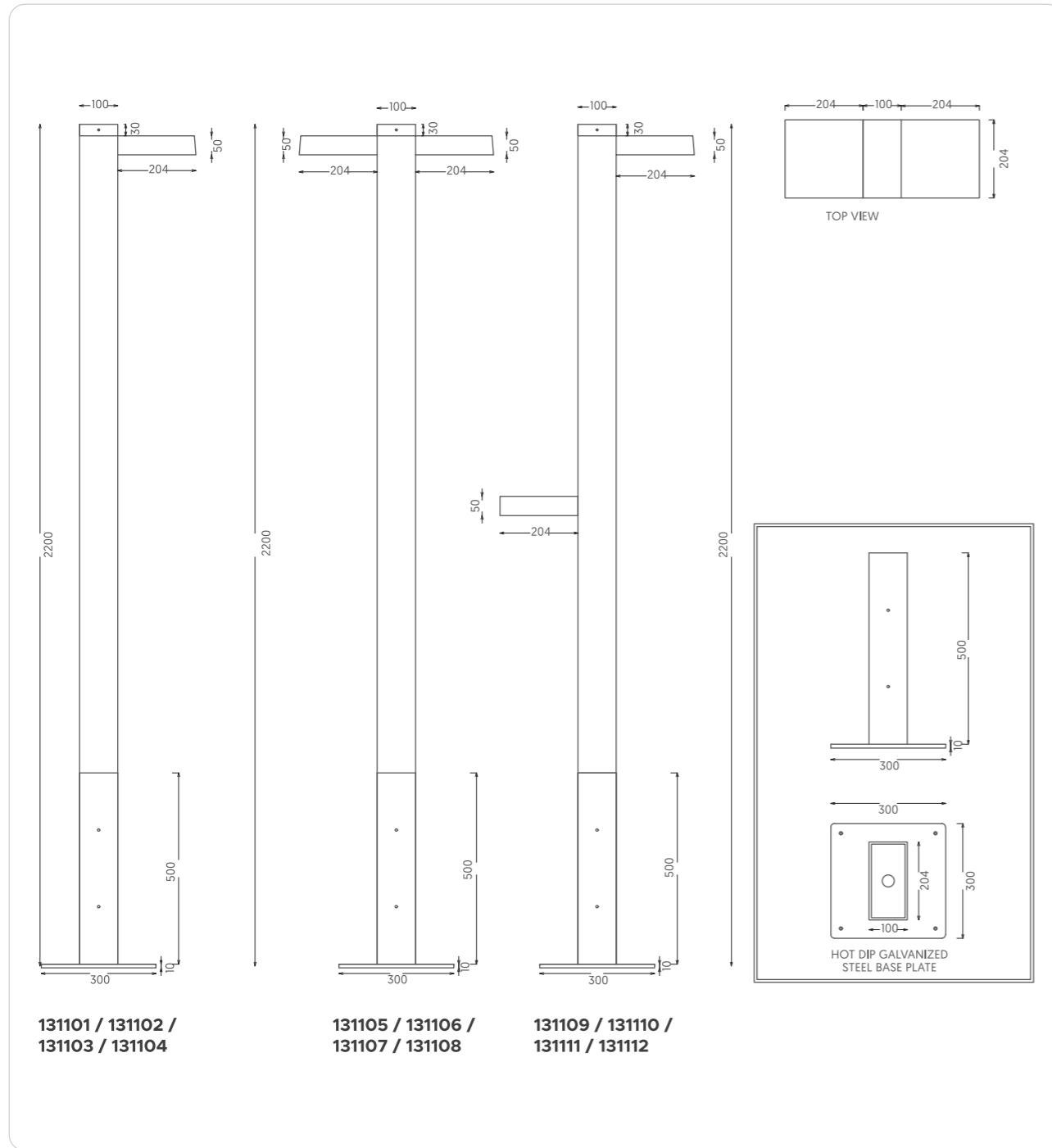
Product No.	131105	131106	131107	131108
Power	2x8W	2x10W	2x16W	2x37W
Voltage	100-240V AC, 50/60Hz			
CRI	>90			
LED Type	CREE SMD LED			
Beam Angle	120°			
Lumen Output	2x960lm	2x1210lm	2x1952lm	2x4551lm
Light Head Material	Die-cast Aluminum			
Diffuser Material	Polycarbonate			
Ingress Protection	IP65			
Impact Protection	IK08			
Dimension of the light Head	as per Drawing			
Pole Material	Pinewood			
Base Material	Hot dip galvanized steel			
Control	On / Off			

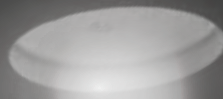
Order Code Format



Input Voltage	CCT	Beam Angle	Color Finish
3 - 240V	27 - 2700K	120 - 120°	16 - Bronze Yellow
	30 - 3000K		17 - Sunset
	40 - 4000K		18 - Acacia
	50 - 5000K		19 - Nyatoh
	60 - 6000K		20 - Buckeye
			21 - Palisander
			22 - Carbon Grey
			23 - Ebony

Pole Installation








LUMO[®]



LUMO FZE, PO Box 263268, No. 01, Street N304
Road N300, Jebel Ali Free Zone, Dubai, UAE

 Tel : +971 4 880 89 20

 Fax : +971 4 880 89 21

 E-mail : info@lumo.ae

www.lumo.ae