



2024 

AMAT SINAR LIGHTING & CATALOGUE



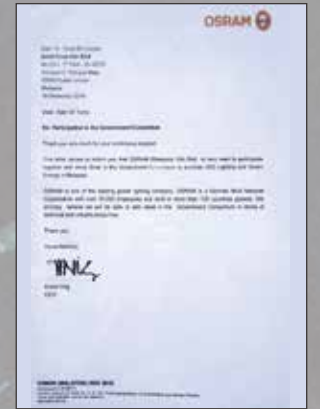
ISO9001:2015



EN40-5



Lumileds Partner



Osram Partner



Ministry of
Finance Award



SME Corp
Enterprise 50 Award



Quality Management Excellent



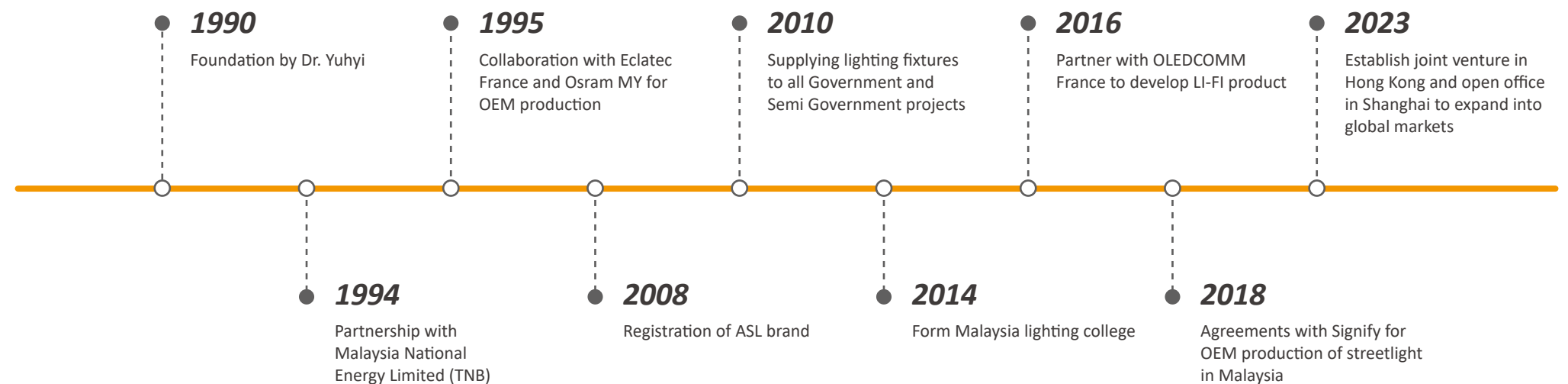
TNB Best Partner



"Established in 1992 and started as a trading company. The company then slowly registered with MOF, PKK, CIDB, etc. ASSB are supplier and vendor for both Government and Private Sector. ASSB also supplies spare parts for electrical, telecommunication, automotive industries as well as oil and gas industries."



The Honor ceremony of Dato' Sri
Dr. Yuhyi Bin Azizan in 2018





A.S. Lighting stands as a joint venture between two manufacturers in China and Malaysia - Hosca Lighting Co., Ltd and Amat Sinar Sdn Bhd. Originally established as a reputable trading company, our unwavering commitment to quality has garnered

extensive support and recognition from renowned outdoor lighting product manufacturers in China, Malaysia and over 40 of our collaborative partners around the world. Our aim to cement our name as trusted and esteemed supplier and vendor, offering cutting-edge street lights, area lights, flood lights, and lighting poles renowned for their patented designs and quality.

At A.S. Lighting, quality reigns supreme above all other considerations, as such, equipped with team of highly skilled engineers and quality professionals and the know-how and knowledge of the two countries as well numerous support both locally and globally.

Remaining at the forefront of technological advancements, A.S. Lighting boldly ventures into innovative domains, integrating IoT equipment and solar solutions into our product portfolio. Our relentless pursuit of excellence has been recognized through prestigious certifications, including the esteemed ISO 9001, as well as accolades such as the Malaysia SME Enterprise 50, earned through our continuous achievements.

In addition to our extensive range of outdoor lighting products, we provide superior spare parts catering to diverse industries such as electrical, telecommunications, automotive, and oil and gas, serving the needs of both government and private sectors.

With utmost sincerity, we extend a warm invitation to those who share our vision of cultivating better cities. Join us on this collective journey, dedicated to creating urban environments that are safer, more sustainable, and truly illuminated. Together, let us transform cities into beacons of light and progress.

Achievements

- 01** Achieved ISO 9001 : 2008 And QAS certification
- 02** IESNA sustaining member (Illumination Engineering Society of North America)
- 03** MIESO member (Malaysia Illumination Engineering Society)
- 04** MIESMA member (Malay Illumination Engineering Society of Malaysia)
- 05** Appointed as lighting consultant company by Ministry of Finance (MOF)
- 06** Committee Advisor for Standards and Industrial Research Institute of Malaysia (SIRIM)
- 07** Develop Pilot project for Geographical Information System (GIS) Application and Hardware for Public Works Department (JKR)
- 08** Appointed as vendor by Public Works Department (JKR)

Luminaire workshop



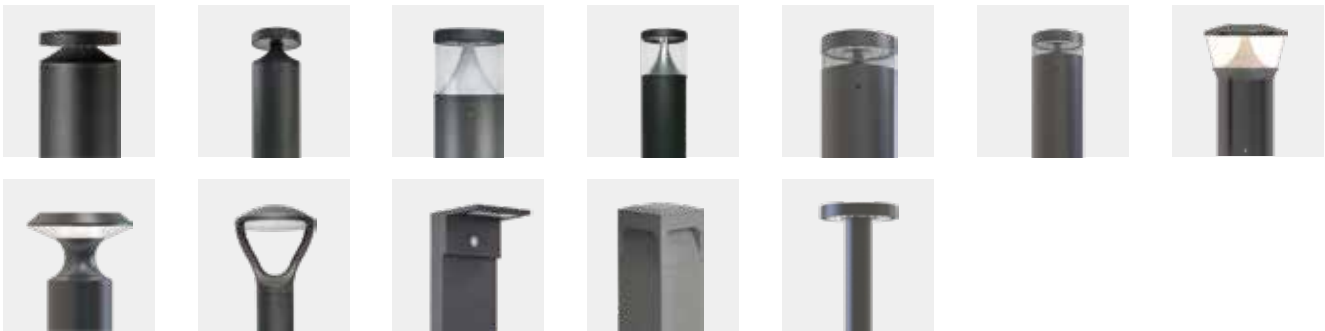
Testing Center



Assembly line



PATHWAY LIGHT



WALL LIGHT



FLOOD LIGHT



SECURITY LIGHT



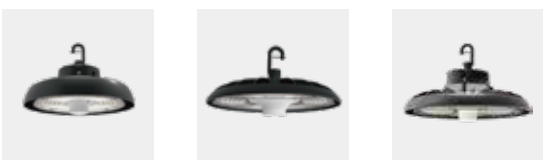
STREET LIGHT & AREA LIGHT



POST TOP



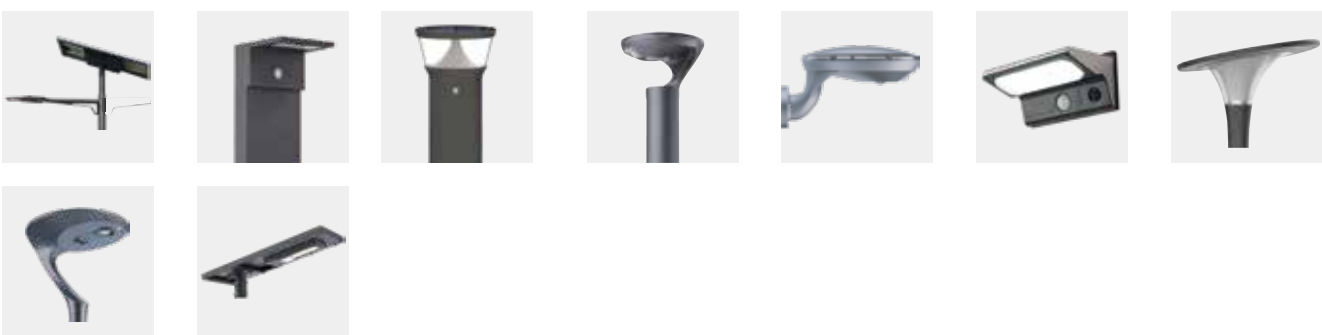
HIGHBAY



CANOPY LIGHT & DUSK TO DAWN



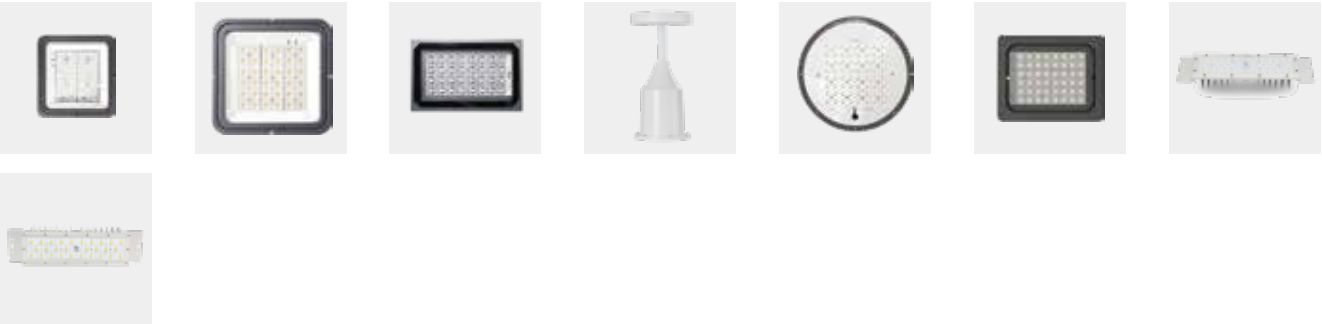
SOLAR LIGHT



WORK LIGHT



LED ENGINE



Ordering Information

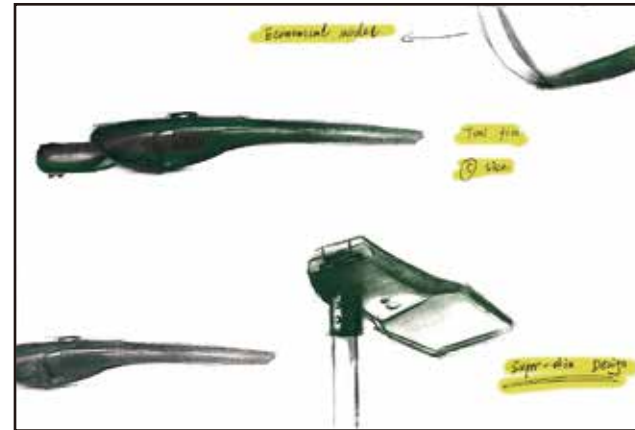
Example: Series Name-10-40-DC1-30-0-BL-N-70-10-30-MP-DM-WG

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD
Series Name	10=10W	40=40LPW	DC=3.7-4.2V	30=3000K	0=General	BL=Black	N=On/Off	70=70 CRI	10=10KV
	20=20W	50=50LPW	DC1=12V DC	40=4000K	1=Type1	GR=Gray	Y=0-10V	80=80 CRI	20=20KV
	30=30W	60=60LPW	DC2=24V DC	50=5000K	2=Type2	WH=White	DA=DALI	90=90 CRI	
	⋮	⋮	UV=120V AC	65=6500K	3=Type3				
	100=100W	100=100LPW	LV1=100-277V AC	22=2200K	4=Type4				
	200=200W	150=150LPW	LV2=120-277V AC		5=Type5				
	300=300W	200=200LPW	LV3=100-347V	30/40/50=					
			LV4=120-347V	3000K-					
	100-150-200=		MV1=277-347V AC	4000K-					
	100W-150W-		MV2=347-480V AC	5000K					
	200W Selectable		MV3=277-480V	Selectable					
			PV=Solar power						
Height	Mounting		Controls/Sensors				Accessories		
30=300mm	SAM=Side Arm Mount		CONTROLS:				WG=Wire Guard		
40=400mm	TAM=Twin Arm Mount		DC12V=DC12V Wires from Driver				HS=House Side Shield		
60=600mm	WAM=Wall Arm Mount		DM=0-10V Dimming				RC=Remote Controller		
90=900mm	FPM=Fixed Pole Mount		AW=Additional Wires from Driver for Dimming Control				EM=90min emergency pack		
	APM=Adjustable Pole Mount		DA=DALI Control				SA=Spigot Adaptor		
	SFM=Slip Fitter Mount		D4=DALI D4i						
	TM=Trunnion Mount		BT=Bluetooth						
	KM=Knuckle Mount		ZB=ZigBee						
	YM=Yoke Mount		WF=WiFi						
	SPM=Spike Mount		LR=LoRa						
	MP=Mounting Plate		RCB7=Receptacle NEMA Base 7pin						
	PM=Pendant Mount		SENSORS:						
			PIR=PIR motion sensor						
			DCOS=12V DC Occupancy Sensor						
			TLPH=Twist-Lock Photocell						
			RCB7=Receptacle Base 7 Pin						
			MW=Microwave Occupancy Sensor						
			ZGBS=Zhaga Receptacle Base						

Our ability

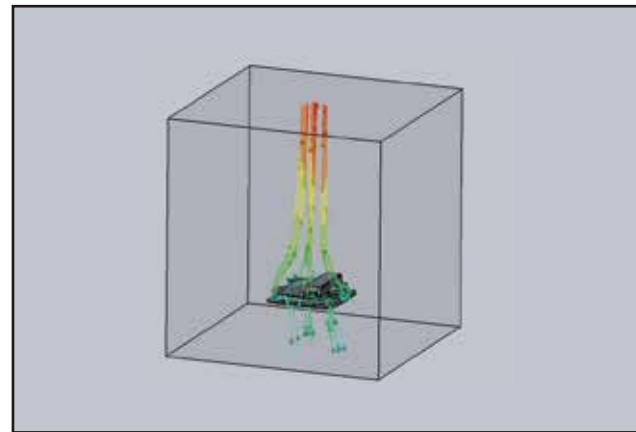
Shape Design

Preliminary design based on customers' demands.
Keep stable cooperation with well-known European designers.



Structural Design

Skilled in application of 2D&3D design, modeling software,
thermal analysis, structural stress analysis
mould development with the best quality&the most economical solution



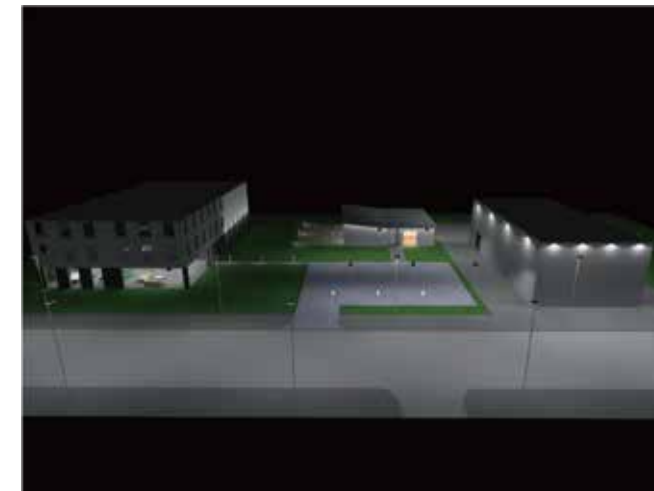
Electronic Design

Amat Sinar LIGHTING products undergo rigorous quality assurance Testing for electronic components , both in factory and in cooperation with famous labs like TUV, DEKRA. We have ability to design PCBS, Drivers, spd and master the technology of DMX control and DALI , bluetooth. With the development of IOT technology, our team combine the luminaire with different sensors to meet different application requirement.

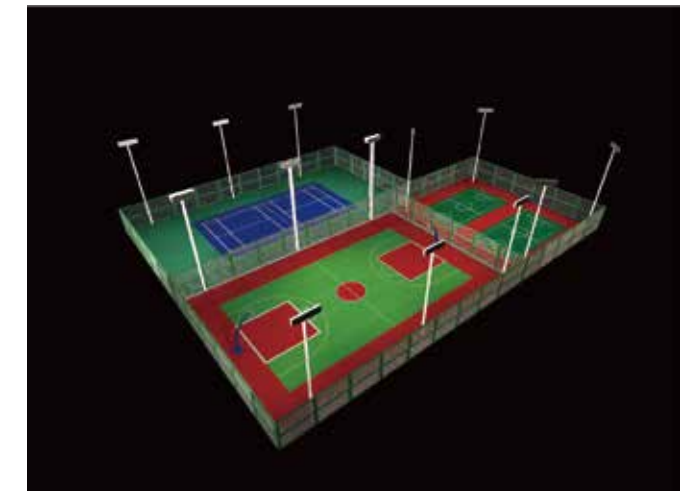


Electronic Design

Amat Sinar LIGHTING has a professional optical design team for lighting fixtures. Designers skillfully apply software Dialux to simulate outdoor building lighting, stadium lighting, indoor lighting, and tunnel lighting.



Outdoor building lighting simulation



Stadium lighting simulation



Indoor lighting simulation



Tunnel lighting simulation

About Certificate

	Amierican standard for Electromagnetic Compatibility	LM79	Photometric Testing
	Amierican standard for Electromagnetic Compatibility	LM82	Temperature testing for luminaire system
	Amierican standard for Electrical Products	TM21	Lifespan calculation
	American standard for performance testing	ISTMT	Temperature testing
	Absence of dangerous substances in electrical and electronic equipments		Waste Electrical and Electronics Equipment Directive
	Fixture in class I	REACH	Registration,Evaluation and Authorisation of Chemicals
	Fixture in class II	EMC	Electromagnetic Compatibility
	Group of Photobiological risk		Fragile
	UV-stabilized painting	EN40-5	Pole design and manufacturer standard for EU market
IP65	Watertight to the insight of dust and proctected against splashing water	EN1461	Gavanization standard
IP66	Watertight to the insight of dust and proctected against water jets	EN10027	Material standard for poles
IP67	Watertight to the insight of dust and proctected against temporary immersion	EN288	Welding standard for EU
IK08	Protected against mechanical impacts equal to 5 Joule	ASTM A123	Galvanization standard for USA
IK09	Protected against mechanical impacts equal to 10 Joule	ASW D1.1	Welding standard for USA
IK10	Protected against mechanical impacts equal to 20 Joule		

About Color

Colors

Various Sensor devices can define different luminous flux according to traffic conditions, weather, city safety requirement to reach the best performance for energy saving and make the citizen more comfortable.



WHITE
RAL 9003



BRONZE
RAL 6014



MATT SILVER
RAL 9006



DARK GREY
RAL 7022



BLACK
RAL 9005



ANY OTHER RAL COL .OR UPON REQUEST

Powder supply by



About IOT

IOT Remote management and control

Simple - Intuitive - Scalable - Interoperable - Cost-Effective

Amat Sinar Lighting Offers different types of control and monitor platforms according to your needs to help you remotely optimize your lighting operations in real-time with maps of your network.



Whatever your sector, ASL helps you to become more energy efficient

You can also enrich your lighting network with different kind of sensors (radar, air quality, smart parking, waste management, tags for asset management...) to develop relevant services for your employees, citizens or customers. You can use communicating devices from many vendors since our system is TALQ v2 certified and offers interoperability within multi-protocols of communication.

Depending on your needs, you can decide to use the applications relevant to your business, edit your reports and detailed information about your infrastructures. Thanks to the open API interfaces, you can import data from ASL CMS into your existing or future management systems.

We have solutions for:

- Cities
- Airports
- Train stations, subways
- Parkings
- Industrial buildings
- Warehouses
- Hospitals...



Huge and immediate benefits



COST-EFFECTIVE

- Energy (>70%)
- Maintenance (30- 50%)
- ROI (5-6 years)
- Optimization of resources



SCALABLE

- Full modular system
- Interoperability
- Compatible with dense network



RELIABLE AND SECURE

- Security and protection of data with encryption protocols in all devices
- RF Network reliability proven



PERFORMANCE

- Remote and real-time control
- OTA (Over The Air)
- Immediate diagnosis of failures
- Reporting



SATISFACTION

- Lighting level adjusted to needs, safety and use cases
- Compatible with existing / future infrastructures and GIS, CMS



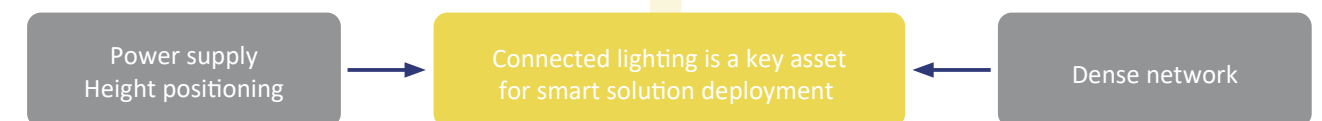
GREEN

- Protection of the environment
- Reduction of emissions
- Reduction of energy

Some Examples

Smart cities: connected streetlights create a dense wireless network deployed in large areas. Any additional IoT device/sensor can use this network and can be managed by the same CMS.

Smart building: the RF network created by the connected luminaires can also be used for asset tracking offering one of the most cost-effective solution in the market, just by adding compatible tags on things.



About Smart



SENSING DEVICES

Various Sensor devices can define different luminous flux according to traffic conditions, weather, city safety requirement to reach the best performance for energy saving and make the citizen more comfortable.



MOVEMENT AND DETECTION

luminaires activated by-unit or by group when detected the movement including vehicle traffic and human transit and dimming criteria Time for each action.



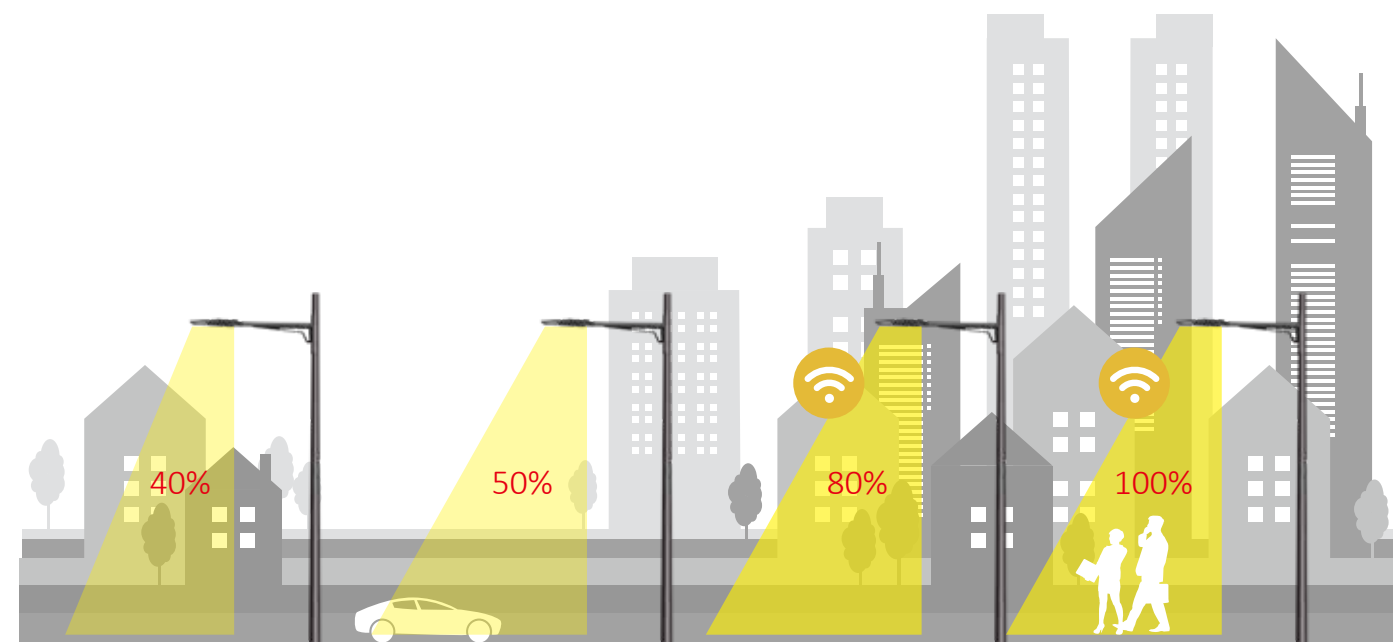
PHOTOCELL AND NEMA SHOCKET

The fittings are turn down when the surrounding environment is dark and turned off when it becomes bright again.



OTHER SENSORS

Air Pollution, Temperature, wind, humidity, Camera,



About Zhaga

Today's street lighting is ready for a smart city infrastructure

In the future, a connected infrastructure will play an even more important role in urban lighting. Already today, ASL Outdoor LED drivers allow the design of luminaires with the Zhaga Book 18 interface, thus breaking new ground with unprecedented levels of efficiency, flexibility and innovation

The Zhaga consortium joined forces with the DiiA and produced a single Zhaga-D4i certification that combines the Zhaga Book 18 version 2 outdoor connectivity specifications with the DiiA's D4i specifications for intra-luminaire DALI.

Certification program

The Zhaga-D4i certification covers all the critical features including mechanical fit, digital communication, data reporting and power requirements within a single luminaire, ensuring plug-and-play interoperability of luminaires (drivers) and peripherals such as connectivity nodes.



Cost-effective solution

A Zhaga-D4i certified luminaire includes drivers offering features that had previously been in the control node, like energy metering, which has in turn simplified the control device therefore reducing the price of the control system.

2 sockets: top and bottom

The Zhaga socket is small and suited to applications where aesthetics is essential. The architecture of Zhaga-D4i also foresees the possibility of putting two sockets on one luminaire, allowing for instance, the combination of a detection sensor and a control node. This also has the added value of standardising certain detection sensor communications with the D4i protocol.



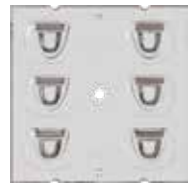
About Photometric

Lens type

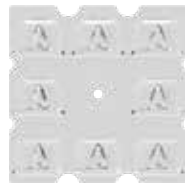
5050/3535



4



6



8

3030



14

Lens shelter

Blocking back light



For 4 in 1 lens



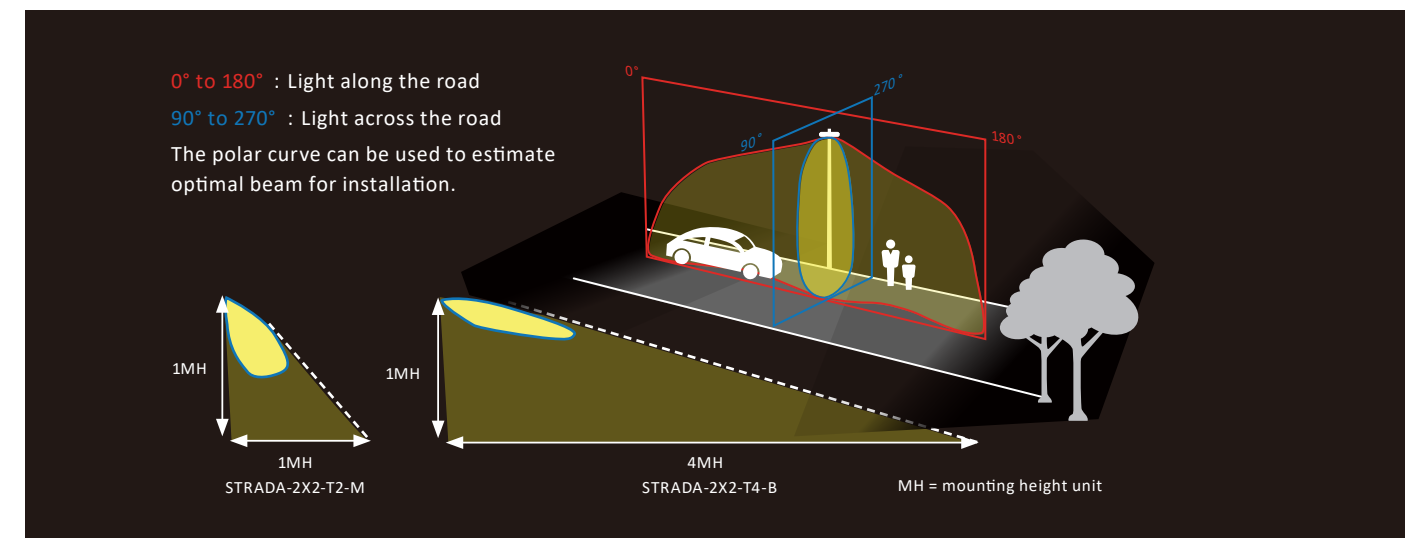
For 6 in 1 lens

LED Modules

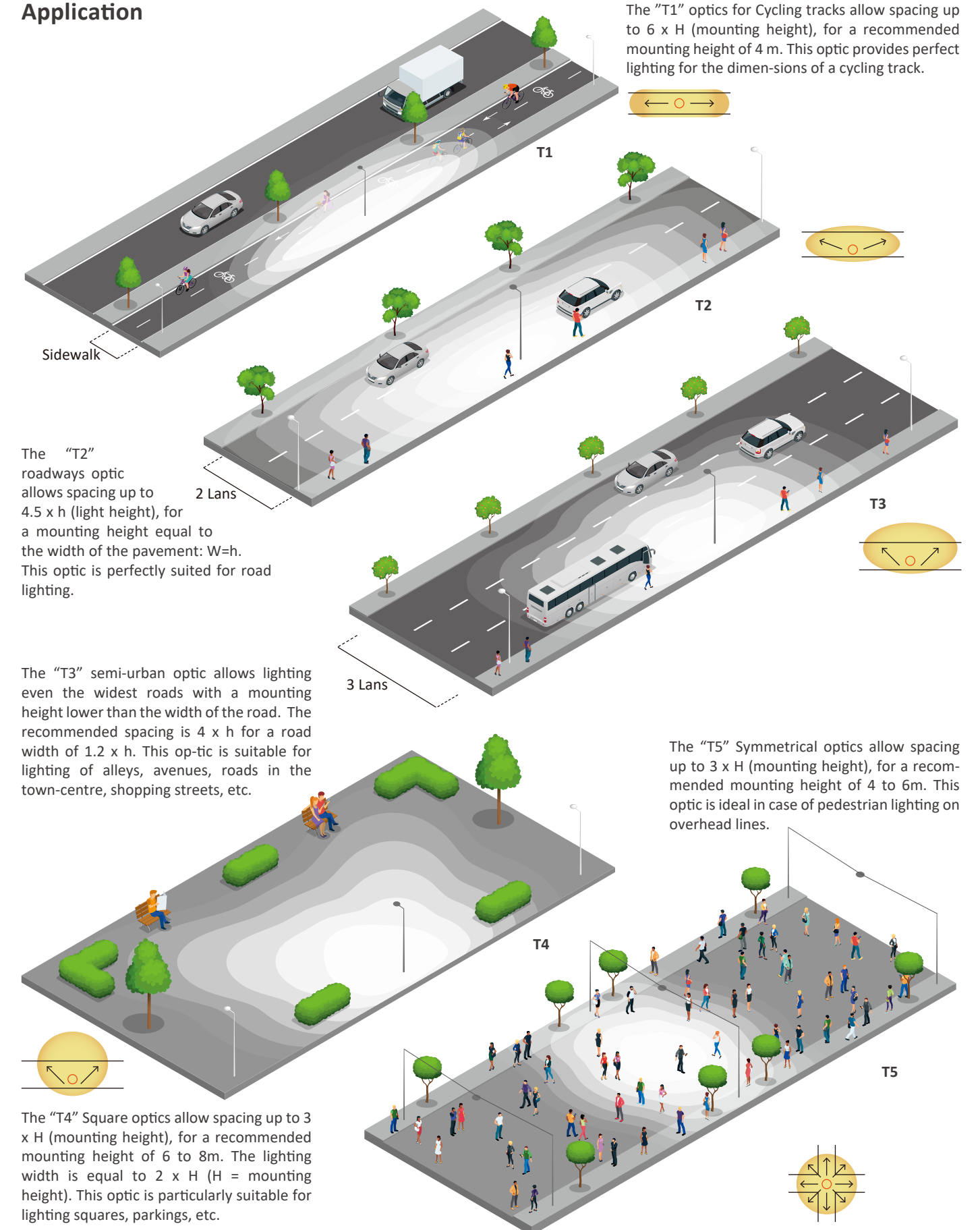
- High efficiency outdoor modules
- Suitable for harsh and humid outdoor conditions
- Tested acc. to salt spray test (IEC 60068-2-52) and harmful gas test (GR-1217-CORE)
- Huge performance temperature range from -40 ... +105 °C
- Surge tested (+/- to earth) 6 kV with Tridonic LED Driver
- Integrated NTC for overtemperature protection
- Zhaga Book 15 compliant
- For use with standard 2x2 lenses (e.g. LEDiL Strada 2x2)
- Push terminals for quick and simple wiring



How to read polar curves

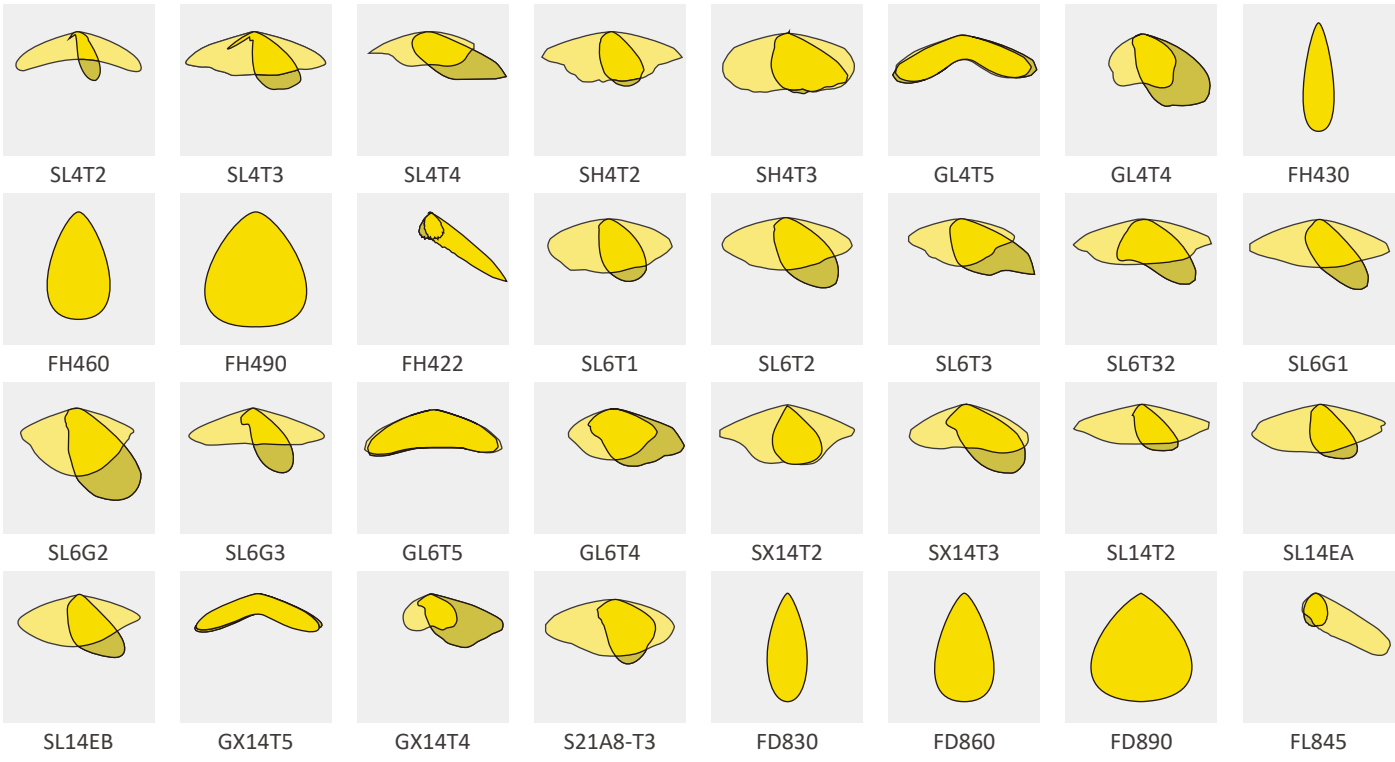


Application



About Photometric

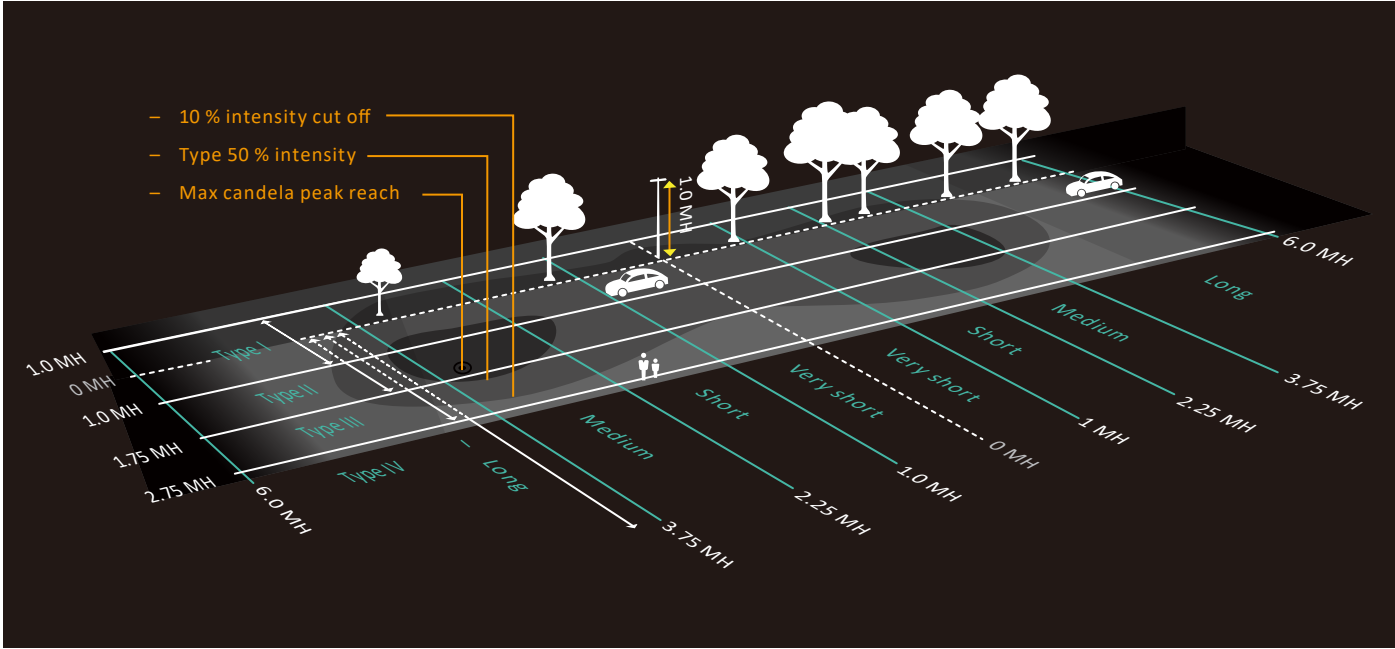
ASL Optics



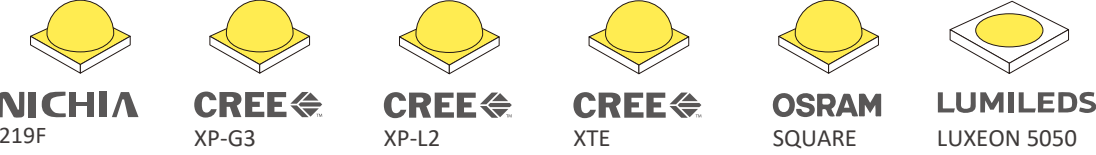
* Initial S: Street light ; Initial G: Garden light ; Initial F: Flood light

IESNA Type

IESNA Type is defined by position of highest candela intensity. IESNA Type classification is established by measuring where the bulk of the pattern falls on the grid.



High Power LED chip



Mid Power LED chip



Wide Range of Colour Temperatures



Broadcast Color Options

CCT	TLCIOptions
5700K	95 min
	90 min

- Provides a natural “daylight” experience to indoor & night events
- Reduces the lighting intensity needed for excellent picture quality
- Reduces manual color correction necessary for broadcast



About Driver

DALI2

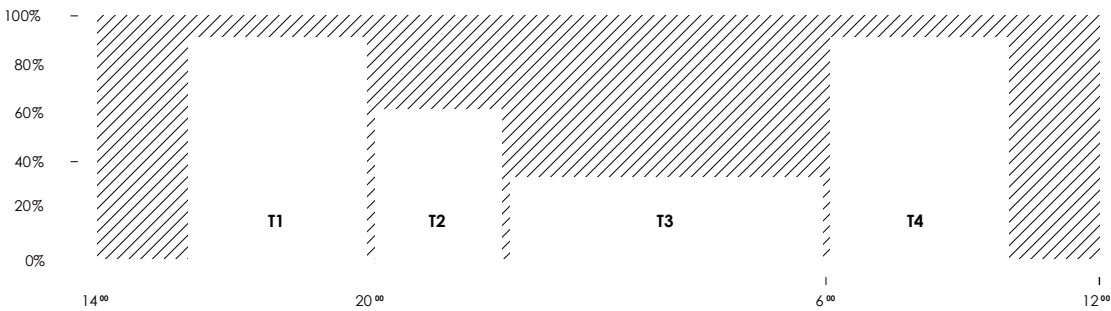
In this operating mode, the driver can be controlled by a DALI application controller via the bidirectional DALI inter-face and it supports status request queries. Through the application controller, the driver can be integrated into a light management system. The drivers are DALI-2-certifi ed and support stepless dim-ming, status requests, and addressing of each individual light point. Compared to devices based on DALI version-1, DALI-2-certifi ed drivers ensure more functions and a higher interoperability in the system.

1 - 10 V

Analog signal interface with no feedback from driver. For this dimming interface 100% is the maximum of driver and 10% is the minimum level. The output status is not guaranteed when the dimming signal is less than 1V. The output of LED driver could be completely switched off or there is still some light coming out of LED module. If application requirement is to completely turn off the driver, then additional switch at AC mains of driver is required.

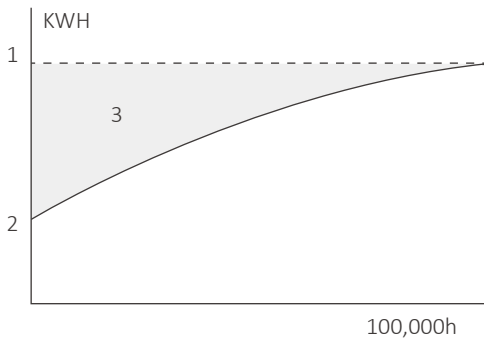
Midnight dimming

Automatic dimming via an integrated timer (no real-time clock): Five independent dimming levels and zones can be set with the Tuner4TRONIC® software. Brightness variation is possible in combination with an external presence sensor.



Constant Light Output (CLO)

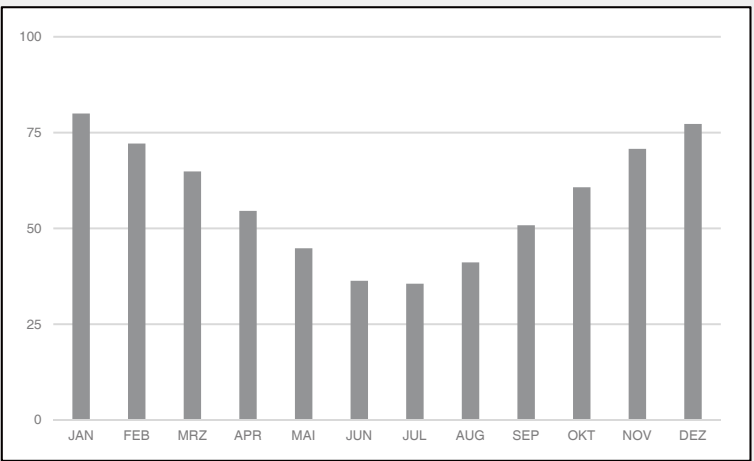
The decrease in the luminous fl ux of an LED module can be compensated over its entire lifetime via a prepro-grammed current curve. This not only ensures stable lighting but also saves energy and increases the lifetime of the LEDs.



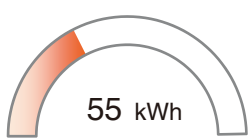
Data for predictive maintenance of luminaires and energy efficiency optimization

LED drivers with this feature offer additional operation and status information that exceeds what is currently offered by the DALI standard (such as energy consump-tion, power, operating time or overvoltage). Such data enable predic-tive maintenance as well as accelerated and more efficient lighting services. Moreover, it makes the light management system intelligent. The data can also be visualized with the Tuner4TRONIC software.

Energy consumption

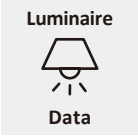


Actual Energy consumption



Energy saving compared to prior year

45%



Luminaire Data with electronic type label

In order to make light management systems intelligent in terms of service and predictive maintenance, they need basic information about the connected luminaires (mod-el, power, service life etc.). During production, the lumi-naire manufactur-er can store these data in the LED driv-er, and the light management system can recall these data in the installation.

LED driver state

● Condition	
Operating hours	8.598 h
Switch cycles	89
● Power input	
● Overvoltage	
● Undervoltage	
Input voltage	232 V
Input frequency	50 Hz

LED module state

● Condition	
Operating hours	6.351 h
Switch cycles	137
Temperature	89°C
● Power reduction	
● Safety switch -off	
Short-circuit	
● No LED module / Open	

About Application

The BUG system

Backlight, which creates light trespass onto adjacent sites. The B rating takes into account the amount of light in the BL, BM, BH and BVH zones, which are direction of the luminaire OPPOSITE from the area intended to be lighted.

Uplight, which causes artificial sky glow. Lower uplight (zone UL) causes the most sky glow and negatively affects professional and academic astronomy. Upper uplight (UH) is mostly energy waste. The U rating accounts the amount of light into the upper hemisphere with greater concern for the lower uplight angles in UL. Glare, which can be annoying or visually disabling. The G rating takes into account the amount of frontlight in the FH and FVH zones as well as BH and BVH zones.

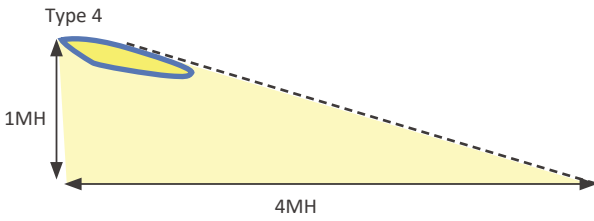
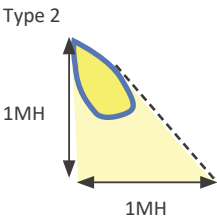
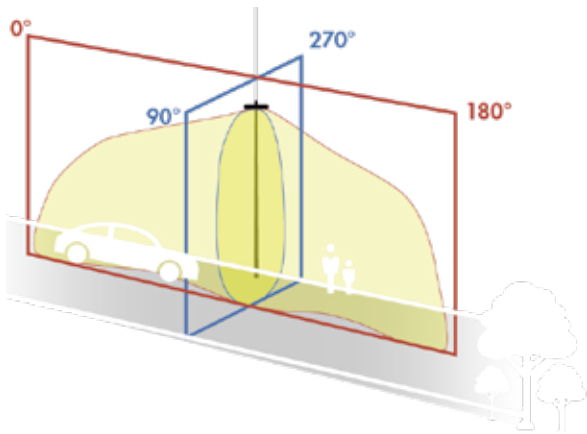
Dark Sky Friendly



HOW TO READ POLAR CURVES

0° to 180° (red):
Light along the road

90° to 270° (blue):
Light across the road
The polar curve can be used to estimate optimal beam for installation

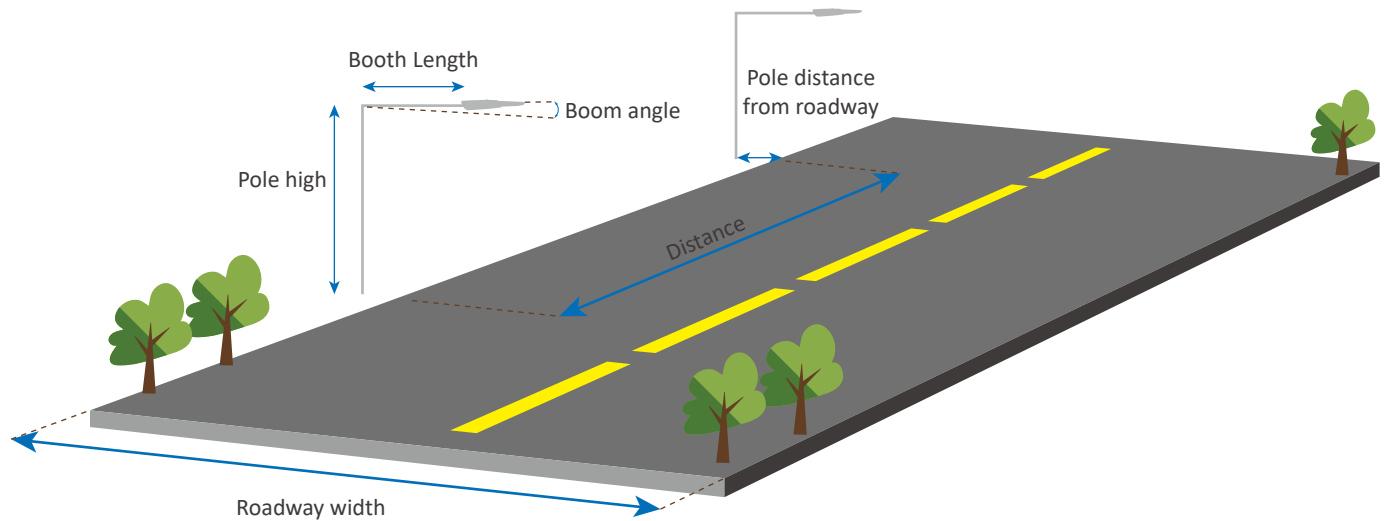


MH = Mounting height unit

The average road surface luminance (L_m), the overall uniformity of the luminance (U_o), the longitudinal uniformity of the luminance (U_l), the threshold increment (TI) and the surround ratio (SR) are to be calculated and measured in accordance with EN 13201-3 and EN 13201-4.

Class	Luminance of the road surface of the carriageway for the dry road surface condition			Disability glare	Lighting of surroundings
	$L_m(cd/m^2)$ [minimum maintained]	U_o [minimum]	U_l [minimum]	TI% [maximum]	SR^2 [minimum]
ME1	2.0	0.4	0.7	10	0.5
ME2	1.5	0.4	0.7	10	0.5
ME3a	1.0	0.4	0.7	15	0.5
ME3b	1.0	0.4	0.6	15	0.5
ME3c	1.0	0.4	0.5	15	0.5
ME4a	0.75	0.4	0.6	15	0.5
ME4b	0.75	0.4	0.5	15	0.5
ME5	0.5	0.35	0.4	15	0.5
ME6	0.3	0.35	0.4	15	no requirement

Road and luminaries selection



Project



BAHRAIN



BELGIUM



CZECH REPUBLIC



LITHUANIA



SPAIN



SINGAPORE



PHILIPPINES



ISREAL

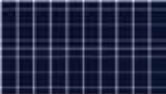
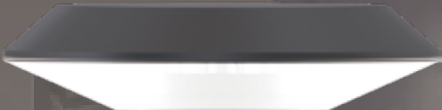


ISREAL

Pathway light



Pathway

Top							
Head							
							
2006	2008	2009	2006S	2008S	2009S	2000	2011
RGB Light							
							
PIR							
Body							
							
ø170mm, 3 height options			ø100mm, 3 height options				Length 180mm, 3 height options

Asteria

ETL | FCC | IK09 | IP65



Technical information

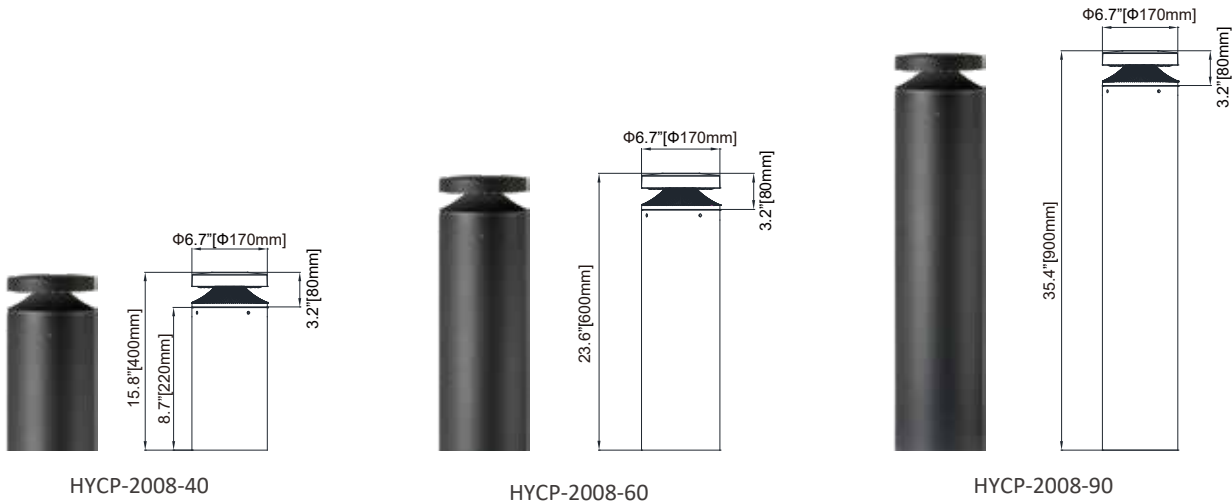
Parameter	Technical data	Parameter	Technical data
Location	Wet Location	Front Cover	PC
Operating temperature	-20 C ~50 C / 10% ~ 95% (humidity)	Gasket	Silicone
Body parts material	Die cast Aluminum	SDCM	5 MacAdam steps
Opitc	PC lens	IP & IK Rating	IP65 & IK09
CRI	>80	Color temperature	3000K,4000K,5000K, CCT Selectable

Specification

Model	Code	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	Input voltage	Dimming
HYCP-2008-40	5200801(40)	15	675	45	AC 120V	Emergency
	5200802(40)	15	675	45	AC 100-277V	0-10V
	5200803(40)	25	1125	45	AC 120V	Emergency
	5200804(40)	25	1125	45	AC 100-277V	0-10V
HYCP-2008-60	5200805(60)	15	675	45	AC 120V	Emergency
	5200806(60)	15	675	45	AC 100-277V	0-10V
	5200807(60)	25	1125	45	AC 120V	Emergency
	5200808(60)	25	1125	45	AC 100-277V	0-10V
HYCP-2008-90	5200809(90)	15	675	45	AC 120V	Emergency
	5200810(90)	15	675	45	AC 100-277V	0-10V
	5200811(90)	25	1125	45	AC 120V	Emergency
	5200812(90)	25	1125	45	AC 100-277V	0-10V

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Asteria	15	45	UV	30	3	BL	N	80	10	40	MP	DA	EM
	25		LV1	40	5	GR			20	60		WF	
				50						90		PIR	
				30/40/50									



RGB Control



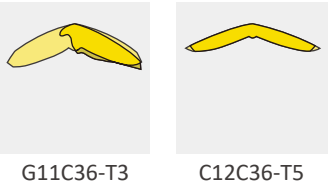
Infrared sensor system



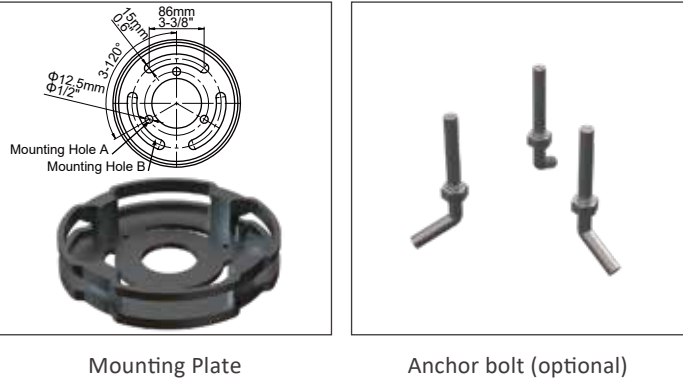
With good sensitivity detector and integrated circuit. It gathers automatism, convenience, safety, saving-energy and practical functions. It utilizes the infrared energy from human as control-signal source and it can start the load at once when one enters detection field. It can identify day and night automatically.



Lighting Distribution



Details



- 1 - PCB Board
- 2 - PC Lens
- 3 - Reflecting Surface
- 4 - Die-casting Aluminium Alloy HeatSing
- 5 - Gear Box
- 6 - Water-proof Junction Box(Optional)
- 7 - Extruded aluminum stem
- 8 - Base Plate
- 9 - 90min Emergency kit



Asteria S

ETL | FCC | IK09 | IP65



Technical information

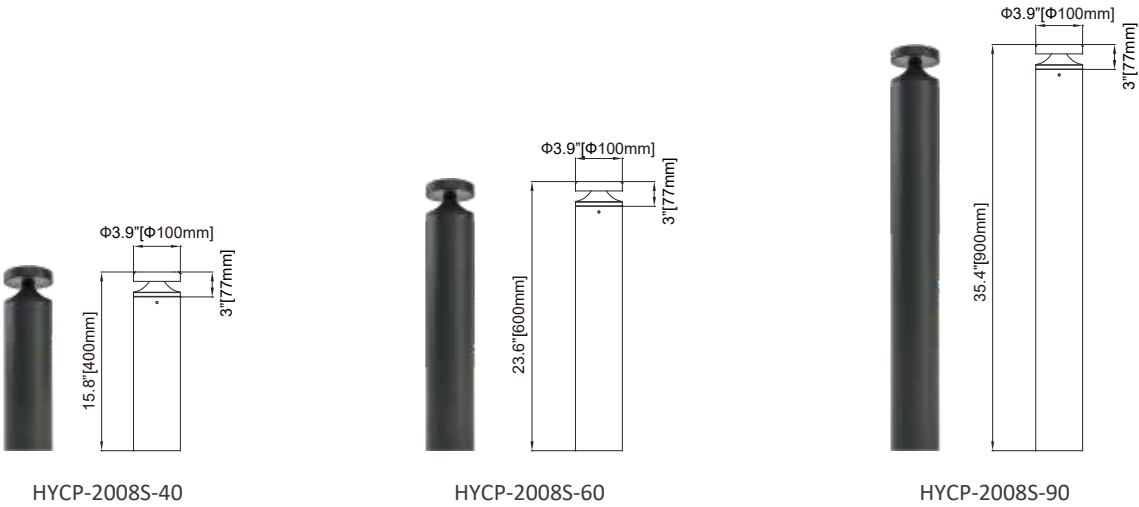
Parameter	Technical data	Parameter	Technical data
Location	Wet Location	Front Cover	PC
Operating temperature	-20°C~50°C / 10% ~ 95% (humidity)	Gasket	Silicone
Body parts material	Die cast Aluminum	SDCM	5 MacAdam steps
Optic	PC lens	IP & IK Rating	IP65 & IK09
CRI	>80	Color temperature	3000K,4000K,5000K

Specification

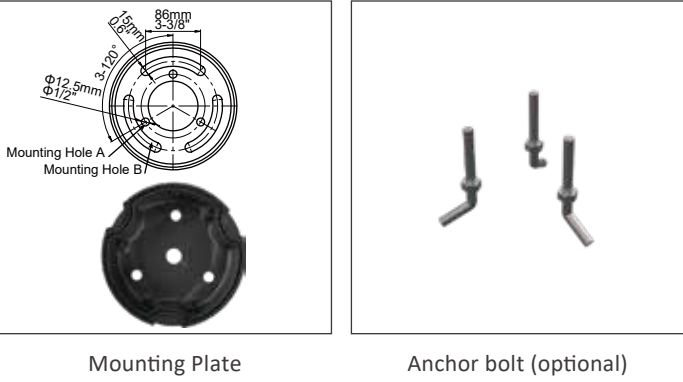
Model	Code	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	Input voltage	Dimming
HYCP-2008S-40	5200813(40)	12	780	65	AC 100-277V	0-10V
HYCP-2008S-60	5200814(60)	12	780	65	AC 100-277V	0-10V
HYCP-2008S-90	5200815(90)	12	780	65	AC 100-277V	0-10V

Ordering Information

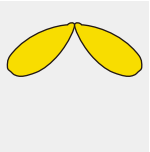
Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Asteria S	12	65	LV1	30	5	BL	N	80	10	40	MP	WF	
				40		GR				60			
				50						90			



Details



Lighting Distribution



Crius





IK09

IP65



Technical information

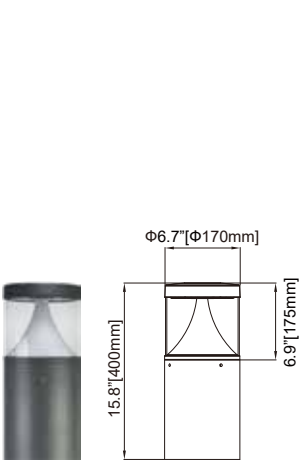
Parameter	Technical data	Parameter	Technical data
Location	Wet Location	Front Cover	PC
Operating temperature	-20°C~50°C / 10% ~ 95% (humidity)	Gasket	Silicone
Body parts material	Die cast Aluminum	SDCM	5 MacAdam steps
Opitc	PC lens	IP & IK Rating	IP65 & IK09
CRI	>80	Color temperature	3000K,4000K,5000K, CCT Selectable

Specification

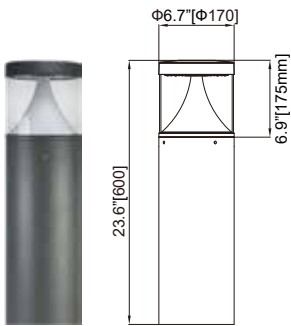
Model	Code	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	Input voltage	Dimming
HYCP-2009-40	5200901(40)	15	1500	100	AC 120V	Emergency
	5200902(40)	15	1500	100	AC 100-277V	0-10V
	5200903(40)	25	2250	90	AC 120V	Emergency
	5200904(40)	25	2250	90	AC 100-277V	0-10V
HYCP-2009-60	5200905(60)	15	1500	100	AC 120V	Emergency
	5200906(60)	15	1500	100	AC 100-277V	0-10V
	5200907(60)	25	2250	90	AC 120V	Emergency
	5200908(60)	25	2250	90	AC 100-277V	0-10V
HYCP-2009-90	5200909(90)	15	1500	100	AC 120V	Emergency
	5200910(90)	15	1500	100	AC 100-277V	0-10V
	5200911(90)	25	2250	90	AC 120V	Emergency
	5200912(90)	25	2250	90	AC 100-277V	0-10V

Ordering Information

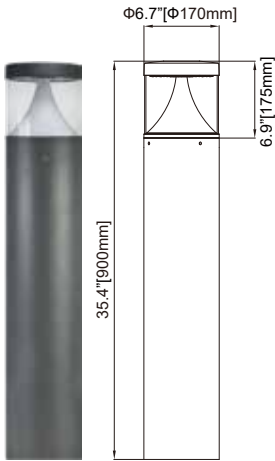
Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Crius	15	90	UV	30	3	BL	N	80	10	40	MP	DA	EM
	25	100	LV1	40	5	GR			20	60		WF	
				50						90		PIR	
				30/40/50									



HYCP-2009-40



HYCP-2009-60

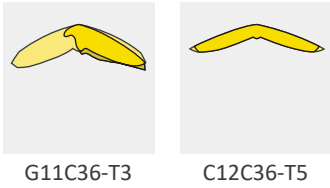


HYCP-2009-90

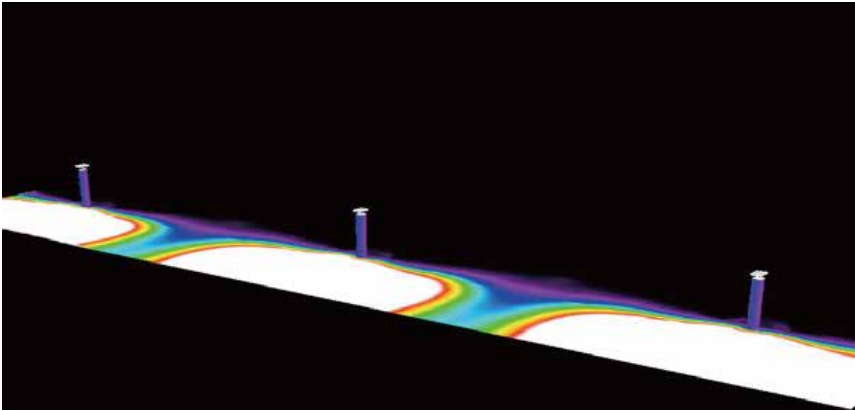
Details



Lighting Distribution



About Application



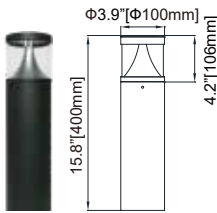
Example lighting levels

Typical result at 10m spacing, on a 4m wide path - designed to achieve P lighting classes.

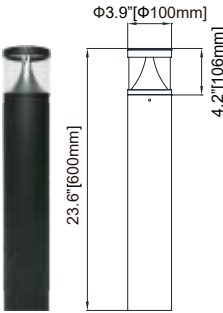
Lighting Class	P3
Path Width	4m
Eav	7.50 – 11.25lx
Emin	1.5lx

Crius S

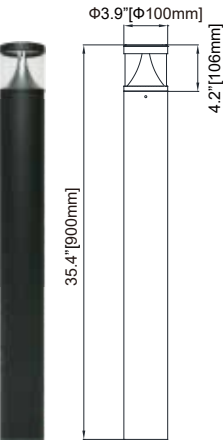
ETL | FC | IK09 | IP65



HYCP-2009S-40



HYCP-2009S-60



HYCP-2009S-90

Technical information

Parameter	Technical data	Parameter	Technical data
Location	Wet Location	Front Cover	PC
Operating temperature	-20 ℃ ~50 ℃ / 10% ~ 95% (humidity)	Gasket	Silicone
Body parts material	Die cast Aluminum	SDCM	5 MacAdam steps
Opitc	PC lens	IP & IK Rating	IP65 & IK09
CRI	>80	Color temperature	3000K,4000K,5000K

Specification

Model	Code	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	Input voltage	Dimming
HYCP-2009S-40	5200913(40)	12	1320	110	AC 100-277V	0-10V
HYCP-2009S-60	5200914(60)	12	1320	110	AC 100-277V	0-10V
HYCP-2009S-90	5200915(90)	12	1320	110	AC 100-277V	0-10V

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Crius S	12	110	LV1	30	5	BL	N	80	10	40	MP	WF	
				40		GR				60			
				50						90			

Details

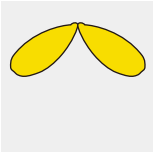


Mounting Plate

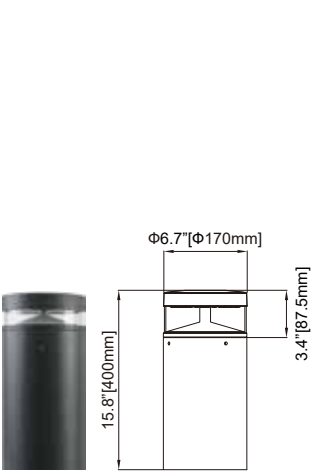


Anchor bolt (optional)

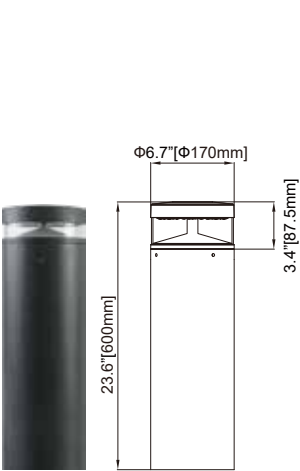
Lighting Distribution



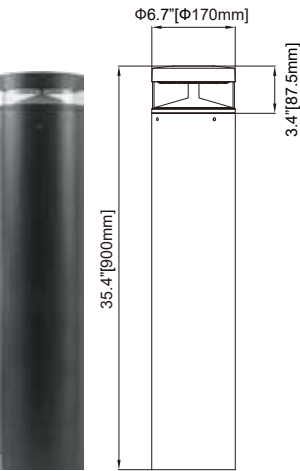
Pillar



HYCP-2006-40



HYCP-2006-60



HYCP-2006-90

Technical information

Parameter	Technical data	Parameter	Technical data
Location	Wet Location	Front Cover	PC
Operating temperature	-20 C ~50 C / 10% ~ 95% (humidity)	Gasket	Silicone
Body parts material	Die cast Aluminum	SDCM	5 MacAdam steps
Opitc	PC lens	IP & IK Rating	IP65 & IK09
CRI	>80	Color temperature	3000K,4000K,5000K, CCT Selectable

Specification

Model	Code	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	Input voltage	Dimming
HYCP-2006-40	5200601(40)	15	900	60	AC 120V	Emergency
	5200602(40)	15	900	60	AC 100-277V	0-10V
	5200603(40)	25	1375	55	AC 120V	Emergency
	5200604(40)	25	1375	55	AC 100-277V	0-10V
HYCP-2006-60	5200605(60)	15	900	60	AC 120V	Emergency
	5200606(60)	15	900	60	AC 100-277V	0-10V
	5200607(60)	25	1375	55	AC 120V	Emergency
	5200608(60)	25	1375	55	AC 100-277V	0-10V
HYCP-2006-90	5200609(90)	15	900	60	AC 120V	Emergency
	5200610(90)	15	900	60	AC 100-277V	0-10V
	5200611(90)	25	1375	55	AC 120V	Emergency
	5200612(90)	25	1375	55	AC 100-277V	0-10V

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Pillar	15	55	UV	30	3	BL	N	80	10	40	MP	PIR	EM
	25	60	LV1	40	5	GR			20	60			
				50						90			
				30/40/50									

Details



Mounting Plate



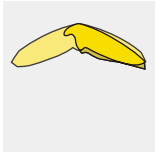
Anchor bolt (optional)



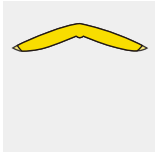
Optic

Lighting Distribution

3030
36*1



G11C36-T3



C12C36-T5

Pillar S

ETL | FCC | IK09 | IP65



Technical information

Parameter	Technical data	Parameter	Technical data
Location	Wet Location	Screen	PC
Operating temperature	-20 C ~50 C / 10% ~ 95% (humidity)	Gasket	Silicone
Body parts material	Die cast Aluminum	Color stability	5 MacAdam steps
Opitc	PC lens	IP & IK Rating	IP65 & IK09
CRI	>80	Color temperature	3000K/4000K/5000K

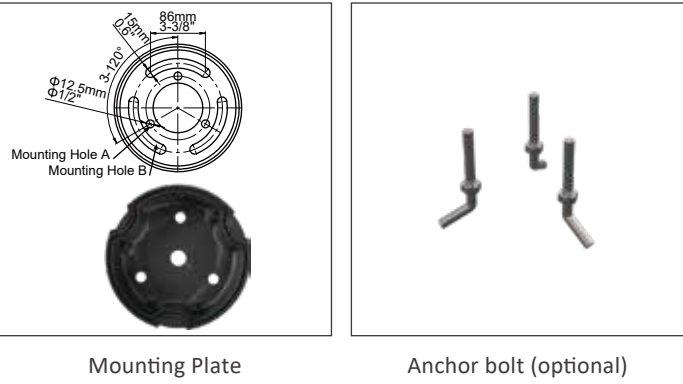
Specification

Model	Code	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	Input voltage	Dimming
HYCP-2006S-40	5200613(40)	12	852	71	AC 100-277V	0-10V
HYCP-2006S-60	5200614(60)	12	852	71	AC 100-277V	0-10V
HYCP-2006S-90	5200615(90)	12	852	71	AC 100-277V	0-10V

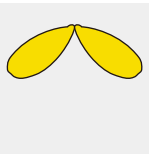
Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Pillar S	12	71	LV1	30	5	BL	N	80	10	40	MP	WF	
				40		GR				60			
				50						90			

Details



Lighting Distribution



Flora

ETL | FCC | IK09 | IP65



Technical information

Parameter	Technical data	Parameter	Technical data
Location	Wet Location	Screen	PC
Operating temperature	-20 C ~50 C / 10% ~ 95% (humidity)	Gasket	Silicone
Body parts material	Die cast Aluminum	Color stability	5 MacAdam steps
Opitc	PC lens	IP & IK Rating	IP65 & IK09
CRI	>80	Color temperature	3000K,4000K,5000K, CCT Selectable

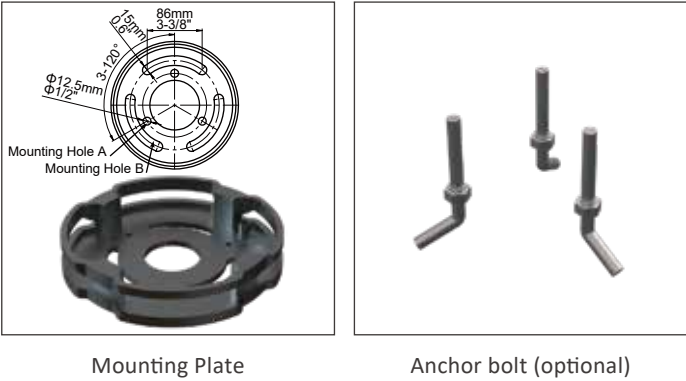
Specification

Order code	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	Input voltage	Dimming
5201002(60)	12	1200	100	AC 100-277V	0-10V
5201003(90)	12	1200	100	AC 100-277V	0-10V

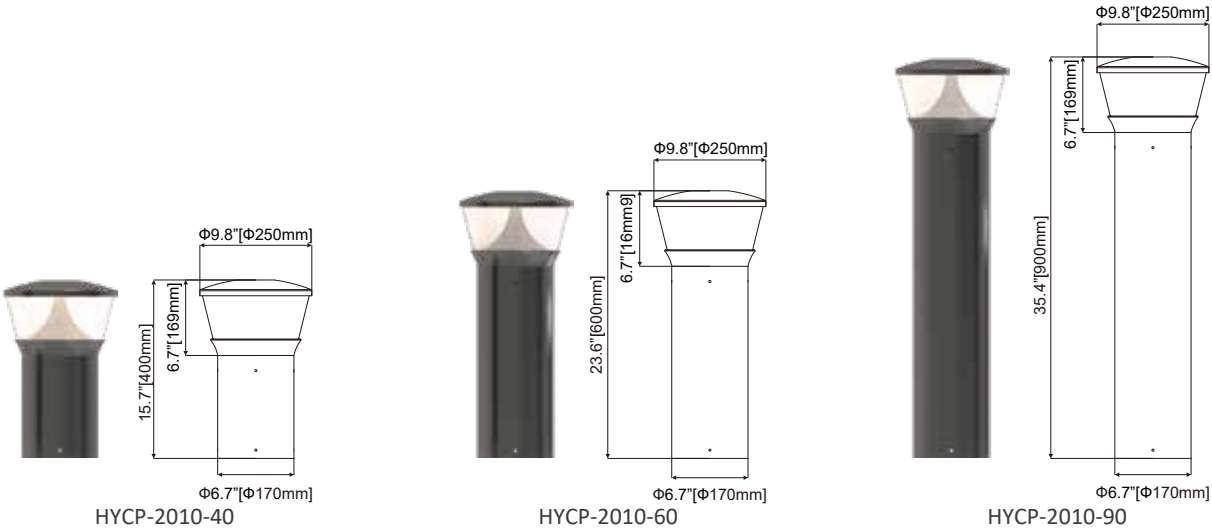
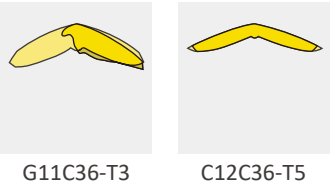
Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Flora	12	100	LV1	30	3	BL	Y	80	10	40	MP	DM PIR	EM
				40	5	GR				60			
				50						90			
				30/40/50									

Details



Lighting Distribution



Dolphin

ETL | FC | IK09 | IP65



Technical information

Parameter	Technical data	Parameter	Technical data
Location	Wet Location	Front Cover	PC
Operating temperature	-20 C ~50 C / 10% ~ 95% (humidity)	Gasket	Silicone
Body parts material	Die cast Aluminum	SDCM	5 MacAdam steps
Opitc	PC lens	IP & IK Rating	IP65 & IK09
CRI	>80	Color temperature	3000K,4000K,5000K, CCT Selectable

Specification

Model	Code	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	Input voltage	Dimming
HYCP-2011-40	5200501(40)	12	1200	100	AC 90-305V	0-10V
	5200502(40)	24	2400	100	AC 90-305V	0-10V
HYCP-2011-60	5200503(60)	12	1200	100	AC 90-305V	0-10V
	5200504(60)	24	2400	100	AC 90-305V	0-10V
HYCP-2011-90	5200505(90)	12	1200	100	AC 90-305V	0-10V
	5200506(90)	24	2400	100	AC 90-305V	0-10V

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Dolphin	12	100	LV2	30	5	BL	Y	80	10	40	MP	DM	EM
	24		MV1	40		GR				60			
				50						90			
				30/40/50									

Details

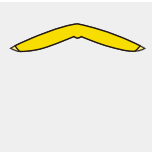


Mounting Plate

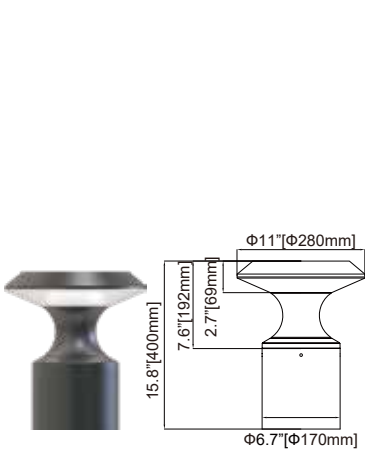


Anchor bolt (optional)

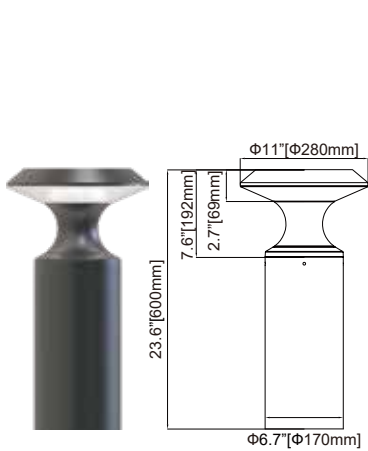
Lighting Distribution



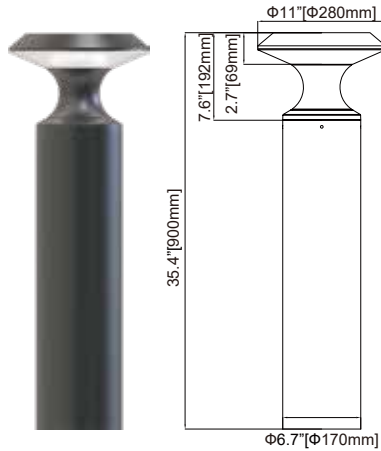
C12C36-T5



HYCP-2011-40



HYCP-2011-60



HYCP-2011-90

Gares

ETL | FCC | IK09 | IP65



Technical information

Parameter	Technical data	Parameter	Technical data
Location	Wet Location	Front Cover	PC
Operating temperature	-20 C ~50 C / 10% ~ 95% (humidity)	Gasket	Silicone
Body parts material	Die cast Aluminum	SDCM	5 MacAdam steps
Opitc	PC lens	IP & IK Rating	IP65 & IK09
CRI	>80	Color temperature	3000K,4000K,5000K, CCT Selectable

Specification

Model	Code	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	Input voltage	Dimming
HYCP-2000-40	5200001(40)	12	1200	100	AC 100-277V	0-10V
	5200002(40)	24	2400	100	AC 100-277V	0-10V
HYCP-2000-60	5200003(60)	12	1200	100	AC 100-277V	0-10V
	5200004(60)	24	2400	100	AC 100-277V	0-10V
HYCP-2000-90	5200005(90)	12	1200	100	AC 100-277V	0-10V
	5200006(90)	24	2400	100	AC 100-277V	0-10V

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Gares	12	100	LV1	30	5	BL GR	Y	80	10	40	MP	DM	EM
	24			40						60			
				50						90			
				30/40/50									

Details

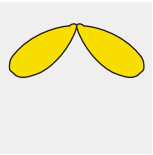


HYCP-2000-40

HYCP-2000-60

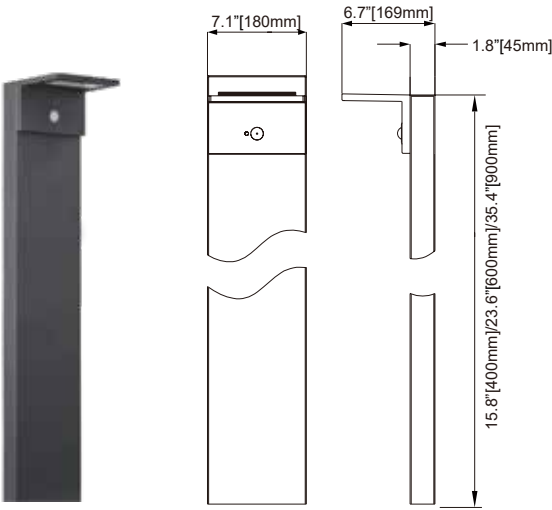
HYCP-2000-90

Lighting Distribution



Clio

ETL | FC | IK09 | IP65



HYCP-2001

Technical information

Parameter	Technical data	Parameter	Technical data
Location	Wet Location	Front Cover	PC
Operating temperature	-20 ℃ ~50 ℃ / 10% ~ 95% (humidity)	Gasket	Silicone
Body parts material	Die cast Aluminum	SDCM	5 MacAdam steps
Opitc	PC lens	IP & IK Rating	IP65 & IK09
CRI	>80	Color temperature	3000K,4000K,5000K, CCT Selectable

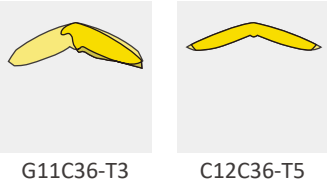
Specification

Model	Code	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	Input voltage	Dimming
HYCP-2001	5200101(40)	12	1020	85	AC 100-277V	0-10V
	5200102(60)	12	1020	85	AC 100-277V	0-10V
	5200103(90)	12	1020	85	AC 100-277V	0-10V

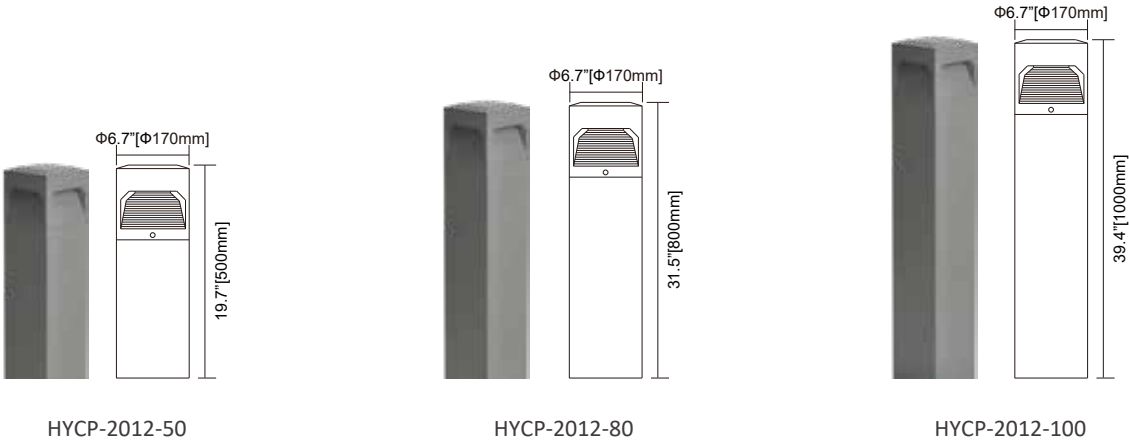
Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Clio	12	85	LV1	30	3	BL	N	80	10	40	MP	PIR	
				40	5	GR				60			
				50						90			

Lighting Distribution



Giza



Technical information

Parameter	Technical data	Parameter	Technical data
Location	Wet Location	Front Cover	PC
Operating temperature	-20 ℃ ~50 ℃ / 10% ~ 95% (humidity)	Gasket	Silicone
Body parts material	Die cast Aluminum	SDCM	5 MacAdam steps
Opitc	PC lens	IP & IK Rating	IP65 & IK09
CRI	>80	Color temperature	3000K,4000K,5000K, CCT Selectable

Specification

Model	Code	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	Input voltage	Dimming
HYCP-2012-50	5201201(50)	25	1500	60	AC 100-277V	0-10V
HYCP-2012-80	5201202(80)	25	1500	60	AC 100-277V	0-10V
HYCP-2012-100	5201203(100)	25	1500	60	AC 100-277V	0-10V

Ordering Information

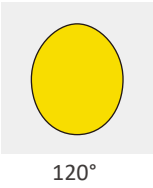
Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Giza	25	60	LV1	30	0	BL	Y	80	10	50	MP	DM	
				40		GR				80			
				50						100			
				30/40/50									

Details

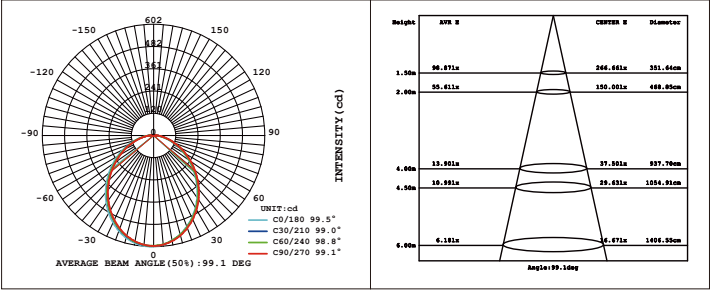


Phillips Driver

Lighting Distribution



Photometric diagrams



Della

ETL | FCC | IK09 | IP65



Technical information

Parameter	Technical data	Parameter	Technical data
Location	Wet Location	Front Cover	N/A
Operating temperature	-20 C ~50 C / 10% ~ 95% (humidity)	Gasket	Silicone
Body parts material	Die cast Aluminum	SDCM	5 MacAdam steps
Opitc	PC lens	IP & IK Rating	IP65 & IK09
CRI	>80	Color temperature	3000K,4000K,5000K, CCT Selectable

Specification

Model	Code	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	Input voltage	Dimming
HYCP-2013-40	5201301(40)	12	1200	100	AC 100-277V	0-10V
HYCP-2013-60	5201302(60)	12	1200	100	AC 100-277V	0-10V
HYCP-2013-90	5201303(90)	12	1200	100	AC 100-277V	0-10V

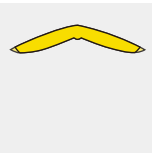
Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Della	12	100	LV1	30	5	BL	Y	80	10	40	MP	DM	
				40		GR				60			
				50						90			

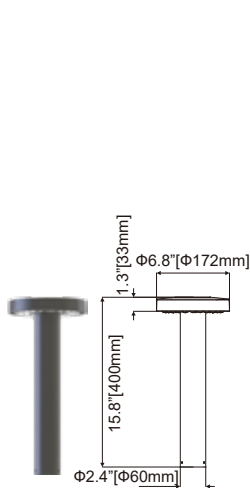
Details



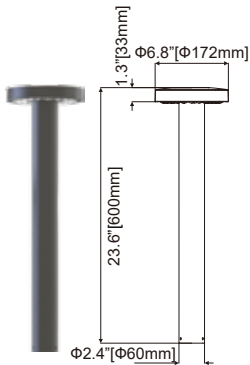
Lighting Distribution



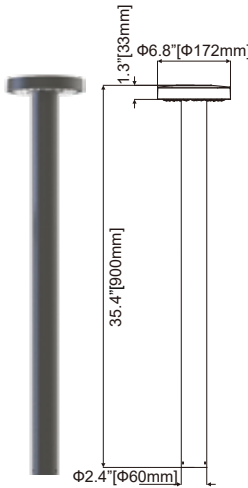
C12C36-T5



HYCP-2013-40



HYCP-2013-60



HYCP-2013-90

Wall Mount

Pandora R

ETL | FC | IK09 | IP65

WALL MOUNT



HYBD-LED01S
Single light



HYBD-LED01D
Double light

Technical information

Parameter	Technical data	Parameter	Technical data
Location	Wet Location	Front Cover	Tempered Glass
Operating temperature	-20 ℃~50 ℃ / 10% ~ 95% (humidity)	Gasket	Silicone
Body parts material	Die cast Aluminum	SDCM	5 MacAdam steps
Optic	PC lens	IP & IK Rating	IP65 & IK09
CRI	>80	Color temperature	3000K,4000K,5000K

Specification and dimension

Dimension Model

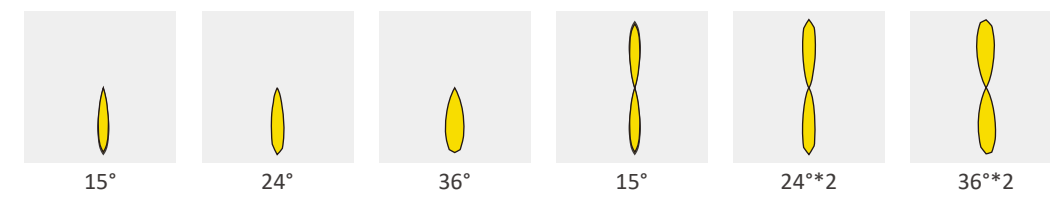
HYBD-LED01S

HYBD-LED01D

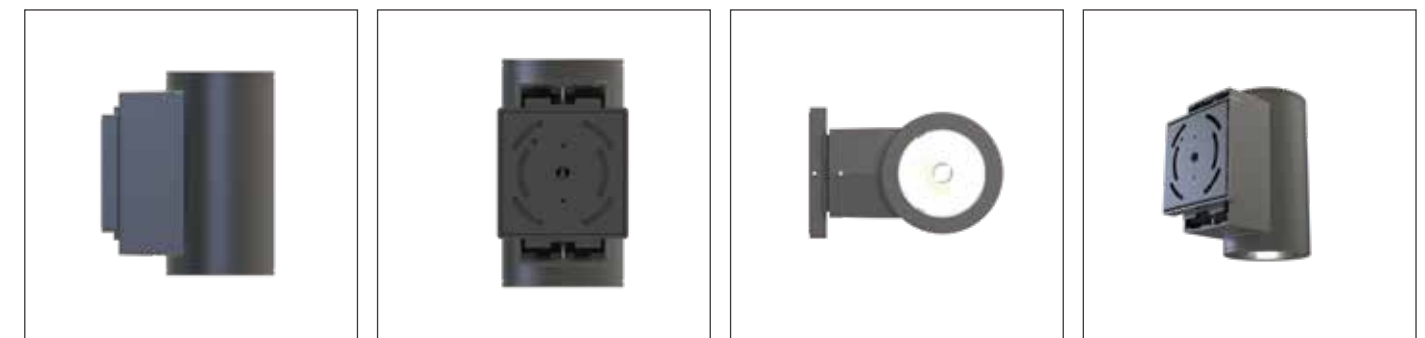
Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
PandoraR	10	100	UV	30	SH	BL	N	80	10	40	MP	DA	EM
	20		LV1	40	DH	GR	DA		20	60	FPM		
				50						90			

Lighting Distribution



Details



Pandora S



IK09

IP65

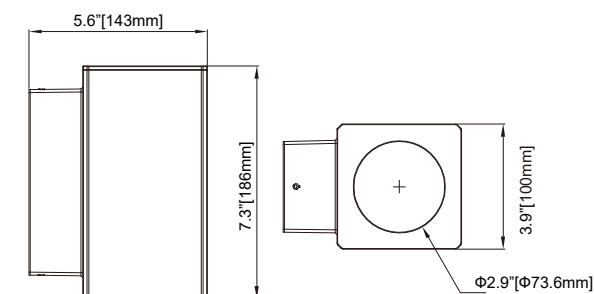


Technical information

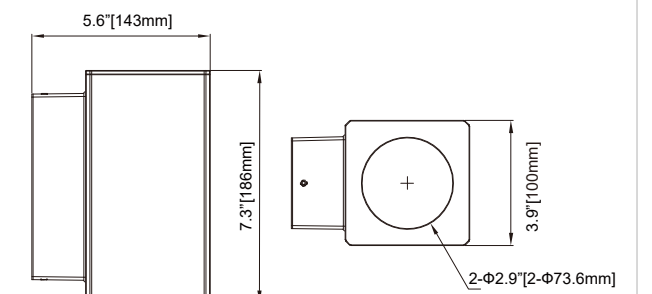
Parameter	Technical data	Parameter	Technical data
Location	Wet Location	Front Cover	Tempered Glass
Operating temperature	-20 ℃~50 ℃ / 10% ~ 95% (humidity)	Gasket	Silicone
Body parts material	Die cast Aluminum	SDCM	5 MacAdam steps
Opitc	PC lens	IP & IK Rating	IP65 & IK09
CRI	>80	Color temperature	3000K,4000K,5000K

Specification and dimension

Dimension Model



HYBD-LED02S



HYBD-LED02D

Order code	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	Input voltage	Dimming
100201	10	1x1000	100	AC 120V	On/Off
100202	10	1x1000	100	AC 100-277V	0-10V
100203	20	2x1000	100	AC 120V	On/Off
100204	20	2x1000	100	AC 100-277V	0-10V



HYBD-LED02S
Single light

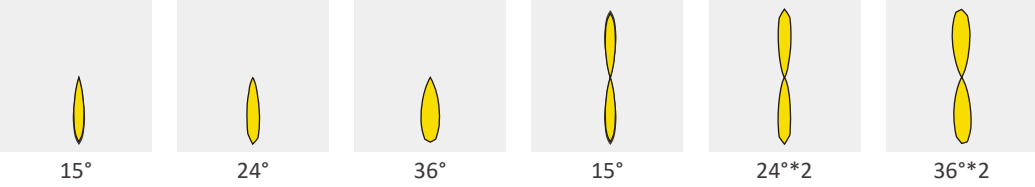


HYBD-LED02D
Double light

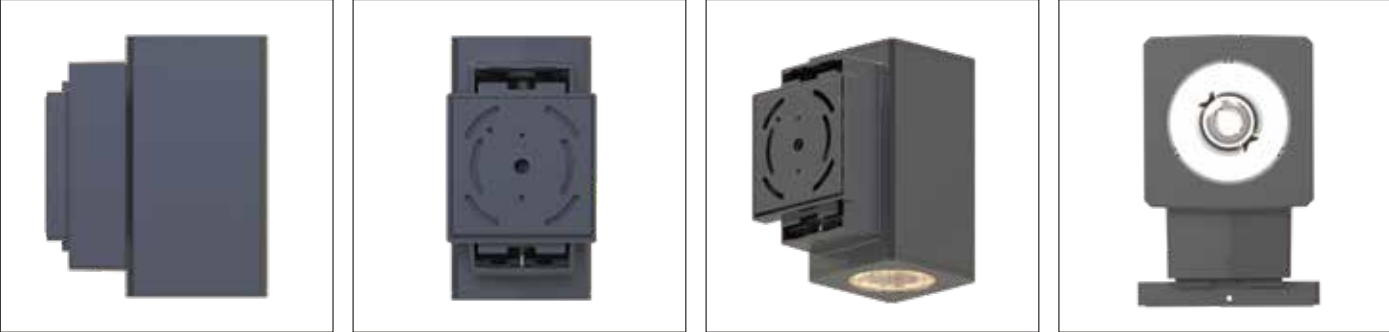
Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
PandoraS	10	100	UV	30	SH	BL	N	80	10	40	MP	DA	EM
	20		LV1	40	DH	GR	DA		20	60	FPM		
				50						90			

Lighting Distribution



Details



Pandora C

ETL | FC | IK09 | IP65

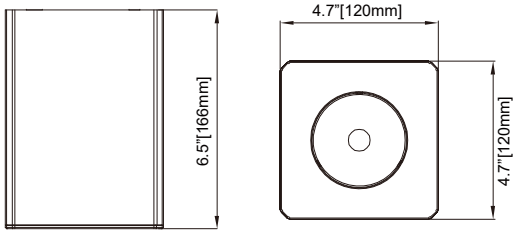


HYBD-LED02C
Ceiling light

Technical information

Parameter	Technical data	Parameter	Technical data
Location	Wet Location	Front Cover	Tempered Glass
Operating temperature	-20 C ~50 C / 10% ~ 95% (humidity)	Gasket	Silicone
Body parts material	Die cast Aluminum	SDCM	5 MacAdam steps
Opitc	PC lens	IP & IK Rating	IP65 & IK09
CRI	>80	Color temperature	3000K,4000K,5000K

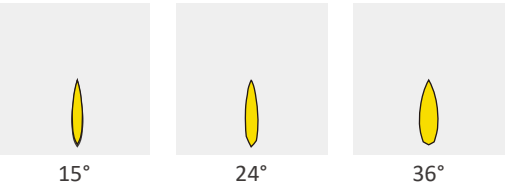
Specification and dimension

Dimension				Model	
				HYBD-LED02C	
Order code	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	Input voltage	Dimming
100205	15	1575	105	AC 120V	On/Off
100206	15	1575	105	AC 100-277V	0-10V
100207	25	2500	100	AC 120V	On/Off
100208	25	2500	100	AC 100-277V	0-10V

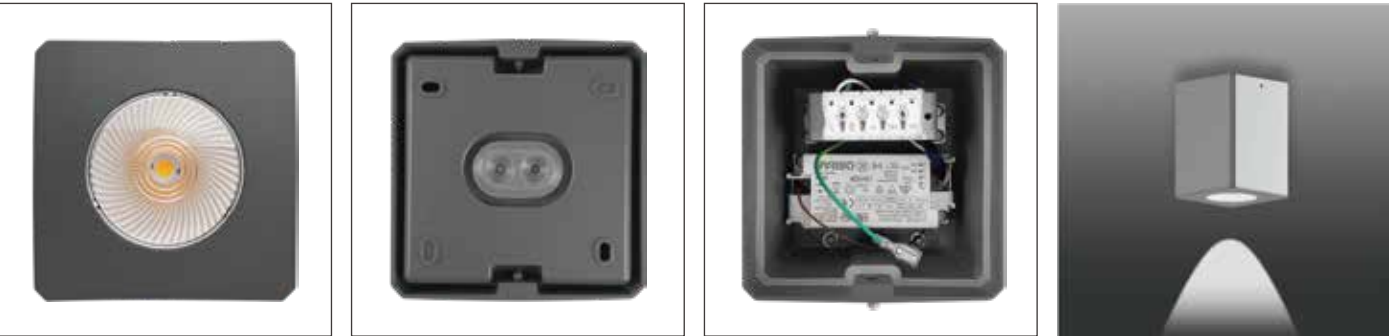
Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
PandoraC	15	100	UV	30	SH	BL	N	80	10		MP	DA	EM
	25	105	LV1	40		GR	DA		20				
				50									

Lighting Distribution



Details



Kitty

ETL | FCC | IK09 | IP65



Kitty R
HYFC-LED01



Kitty S
HYFC-LED02

Technical information

Parameter	Technical data	Parameter	Technical data
Location	Wet Location	Front Cover	Tempered Glass
Operating temperature	-20 C ~50 C / 10% ~ 95% (humidity)	Gasket	Silicone
Body parts material	Die cast Aluminum	SDCM	5 MacAdam steps
Opitc	N/A	IP & IK Rating	IP65 & IK09
CRI	>80	Color temperature	3000K,4000K,5000K

Specification and dimension

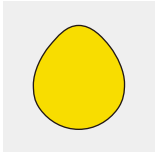
Dimension				Model	
				HYFC-LED01	
Order code	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	Input voltage	Dimming
120101	15	1500	100	AC 120V	On/Off
120102	15	1500	100	AC 100-277V	0-10V
120103	25	2500	100	AC 120V	On/Off
120104	25	2500	100	AC 100-277V	0-10V

Dimension				Model	
				HYFC-LED02	
Order code	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	Input voltage	Dimming
120101	15	1500	100	AC 120V	On/Off
120102	15	1500	100	AC 100-277V	0-10V
120103	25	2500	100	AC 120V	On/Off
120104	25	2500	100	AC 100-277V	0-10V

Ordering Information

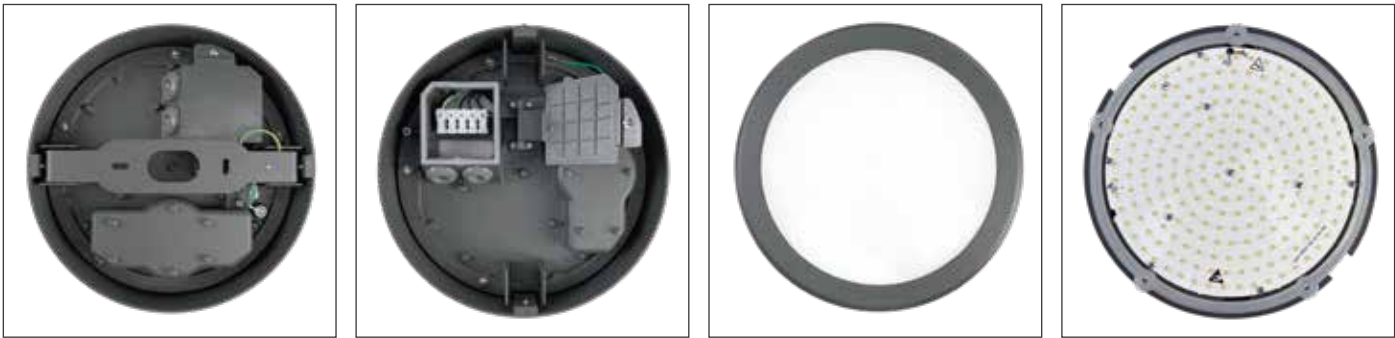
Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Kitty R	15	100	UV	30	SH	BL	N	80	10		MP	DA	EM
Kitty S	25		LV1	40		GR	DA		20				
				50									

Lighting Distribution



120°

Details



Kitty R



Kitty S

Erling



HYBD-LED32



HYBD-LED33

Technical information

Parameter	Technical data	Parameter	Technical data
Location	Wet Location	Front Cover	PC
Operating temperature	-20 ℃ ~50 ℃ / 10% ~ 95% (humidity)	Gasket	Silicone
Body parts material	Die cast Aluminum	SDCM	5 MacAdam steps
Opitc	PC lens	IP & IK Rating	IP65 & IK09
CRI	>80	Color temperature	3000K,4000K,5000K

Specification and dimension

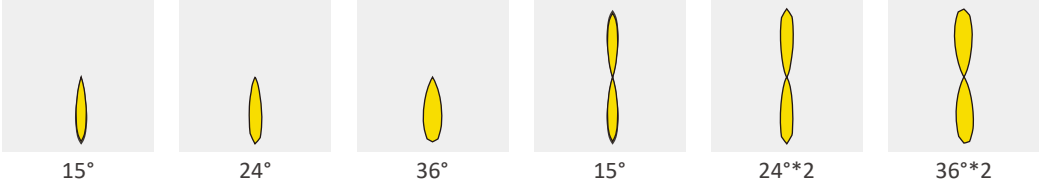
Dimension				Model	
				HYBD-LED32	
Order code	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	Input voltage	Dimming
103201	10	1x850	85	AC 100-277V	0-10V

Dimension				Model	
				HYBD-LED33	
Order code	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	Input voltage	Dimming
103301	20	2x850	85	AC 100-277V	0-10V

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Erling	10	85	LV1	30	SH	BL	N	80	10		MP		
	20			40	DH	GR			20				
				50									

Lighting Distribution



Khepri

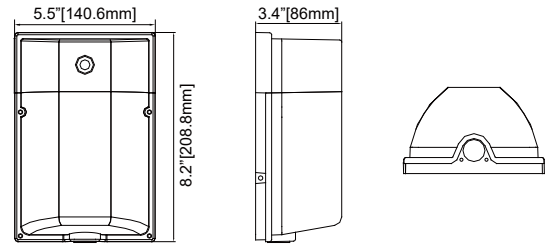
ETL | FCC | IK06 | IP65



Technical information

Parameter	Technical data	Parameter	Technical data
Location	Wet Location	Front Cover	PC
Operating temperature	-20°C~45°C /10%-93%(humidity)	Gasket	Silicone
Body parts material	Die cast Aluminum	SDCM	5 MacAdam steps
Opitc	N/A	IP & IK Rating	IP65 & IK06
CRI	> 75	Color temperature	3000K,4000K,5000K, CCT Selectable

Specification and dimension

Dimension					Model	
					HYBD-LED36	
Order code	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	Input voltage	Dimming	CCT(K)
103601	8	1040	130	AC 120-277V	0-10V	3000/4000/5000K
103602	15	1950	130	AC 120-277V	0-10V	3000/4000/5000K
103603	25	3250	130	AC 120-277V	0-10V	3000/4000/5000K
103604	8 15 20 25 Selectable	1160 2175 2900 3625	145	AC 120-277V	0-10V	3000/4000/5000K Selectable



HYBD-LED36

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Khepri	8	130	LV2	30	SH	BL	Y	80	10		MP	DM	
	10	145		40		GR			20			TLPH	
	20			50								PIR	
	25			30/40/50								MW	
8/15/20/25													

Lighting Distribution



Details



Baldur

ETL | FC | IK06 | IP65

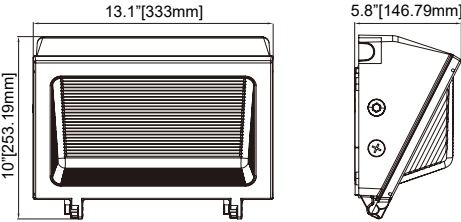


HYBD-LED37

Technical information

Parameter	Technical data	Parameter	Technical data
Location	Wet Location	Front Cover	Tempered Glass
Operating temperature	-20 C ~50 C / 10% ~ 95% (humidity)	Gasket	Silicone
Body parts material	Die cast Aluminum	SDCM	5 MacAdam steps
Opitc	N/A	IP & IK Rating	IP65 & IK06
CRI	> 75	Color temperature	3000K,4000K,5000K, CCT Selectable

Specification and dimension

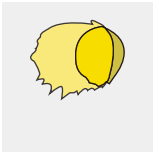
Dimension				Model		
				HYFC-LED37		
Order code	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	Input voltage	Dimming	CCT(K)
103701	40	5600	140	AC 120-277V	0-10V	3000/4000/5000K
103702	60	8400	140	AC 120-277V	0-10V	3000/4000/5000K
103703	60/40/25/20 Selectable	8,400/5,600/3,500 2,800 Selectable	140	AC 120-277V	0-10V	3000/4000/5000K
103704	80	11200	140	AC 120-277V	0-10V	3000/4000/5000K
103705	80/60/40/25 Selectable	11,200/8,400/5,600 3,500 Selectable	140	AC 120-277V	0-10V	3000K/4000K 5000K Selectable
103706	80	14000	140	AC 120-277V	0-10V	3000/4000/5000K
103707	120	16800	140	AC 120-277V	0-10V	3000/4000/5000K
103708	120/100/80 60 Selectable	16800	140	AC 120-277V	0-10V	3000/4000/5000K
103709	120/100/80 60 Selectable	16800	140	AC 120-277V	0-10V	3000K/4000K 5000K Selectable

*90min emergency version available

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Baldur	40	140	LV2	30	0	BL	Y	75	10		MP	DM	EM
	60			40		GR							
	80			50									
	120			30/40/50									
20/25/40/60													
25/40/60/80													
60/80/100/120													

Lighting Distribution



Details



Vulcan

ETL | FCC | IK06 | IP65



HYBD-LED39

Technical information

Parameter	Technical data	Parameter	Technical data
Location	Wet Location	Front Cover	Tempered Glass
Operating temperature	-20 C ~50 C / 10% ~ 95% (humidity)	Gasket	Silicone
Body parts material	Die cast Aluminum	SDCM	5 MacAdam steps
Opitc	N/A.	IP & IK Rating	IP65 & IK06
CRI	> 75	Color temperature	3000K,4000K,5000K, CCT Selectable

Specification and dimension

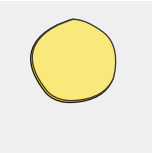
Dimension					Model	
					HYFC-LED39	
Order code	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	Input voltage	Dimming	CCT(K)
103901	25	3375	135	AC 120-277V	0-10V	3000/4000/5000K
103902	40	5400	135	AC 120-277V	0-10V	3000/4000/5000K
103903	60	8100	132	AC 120-277V	0-10V	3000/4000/5000K
103904	80	10800	132	AC 120-277V	0-10V	3000/4000/5000K
103905	100	14000	140	AC 120-277V	0-10V	3000/4000/5000K
103604	25 40 60 80 Selectable	3500 5600 8400 11200	140	AC 120-277V	0-10V	3000/4000/5000K Selectable

*90min emergency version available

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Vulcan	25	132	LV2	30	0	BL	Y	75	10		MP	DM	EM
	40	135		40		GR						TLPH	
	60	140		50									
	80			30/40/50									
100													
25/40/60/80													

Lighting Distribution



Details



Talos

ETL | FC | IK06 | IP65



HYBD-LED40A

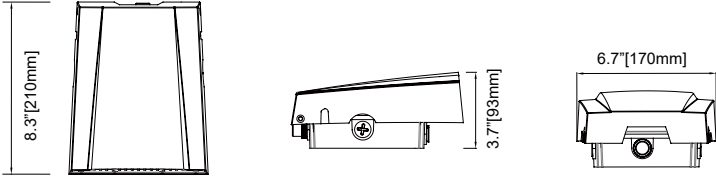


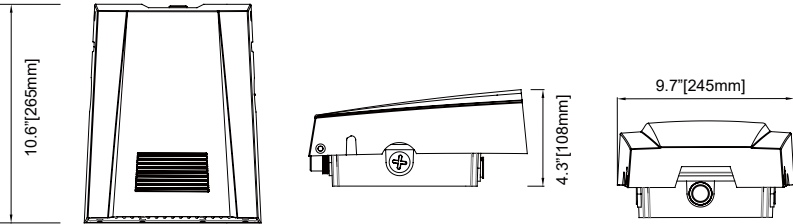
HYBD-LED40B

Technical information

Parameter	Technical data	Parameter	Technical data
Location	Wet Location	Front Cover	Tempered Glass
Operating temperature	-20 C ~50 C / 10% ~ 95% (humidity)	Gasket	Silicone
Body parts material	Die cast Aluminum	SDCM	5 MacAdam steps
Opitc	N/A.	IP & IK Rating	IP65 & IK06
CRI	> 75	Color temperature	3000K,4000K,5000K, CCT Selectable

Specification and dimension

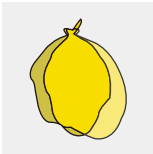
Dimension					Model	
					HYBD-LED40A	
Order code	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	Input voltage	Dimming	CCT(K)
104001	30	3930	131	AC 120-277V	0-10V	3000/4000/5000K
104002	50	6600	132	AC 120-277V	0-10V	3000/4000/5000K
104003	50/40/30/20 Selectable	11,200/8,400/5,600 3,500 Selectable	130	AC 120-277V	0-10V	3000K/4000K 5000K Selectable
104004	75	9975	133	AC 120-277V	0-10V	3000/4000/5000K
104005	100	13400	134	AC 120-277V	0-10V	3000/4000/5000K

Dimension					Model	
					HYBD-LED40B	
Order code	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	Input voltage	Dimming	CCT(K)
104005	75	9975	133	AC 120-277V	0-10V	3000/4000/5000K
104006	100	13400	134	AC 120-277V	0-10V	3000/4000/5000K
104007	100/80/60/50 Selectable	13,000/10,400 7,800/6,500 Selectable	130	AC 120-277V	0-10V	3000K/4000K 5000K Selectable

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Talos	30	130	LV2	30	0	BL	Y	75	10		MP	DM TLPH	EM
	50	131		40		GR							
	75	132		50									
	100	133		30/40/50									
20/30/40/50		134											

Lighting Distribution



Details



Theia

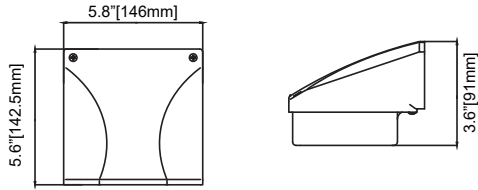
ETL | FCC | IK10 | IP66



Technical information

Parameter	Technical data	Parameter	Technical data
Location	Wet Location	Front Cover	PC
Operating temperature	-20 C ~50 C / 10% ~ 95% (humidity)	Gasket	Silicone
Body parts material	Aerometal	SDCM	5 MacAdam steps
Opitc	PC lens	IP & IK Rating	IP66 & IK10
CRI	> 70	Color temperature	3000K,4000K,5000K, CCT Selectable

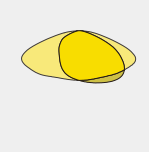
Specification and dimension

Dimension				Model	
				HYTGD-36	
Order code	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	Input voltage	Dimming
104101	15	1875	125	AC 100-277V	0-10V
104102	20	2500	125	AC 100-277V	0-10V
104103	30	3750	125	AC 100-277V	0-10V

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Theia	15	125	LV1	30	0	BL	Y	70	10		MP	DM	
	20			40	T3	GR						TLPH	
	30			50	T5								
				30/40/50									

Lighting Distribution



Scapula

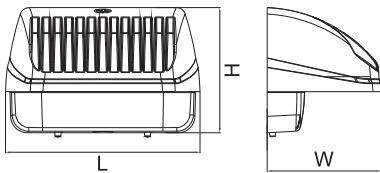
ETL | FC | IK10 | IP66



Technical information

Parameter	Technical data	Parameter	Technical data
Location	Wet Location	Front Cover	N/A
Operating temperature	-20 C ~50 C / 10% ~ 95% (humidity)	Gasket	Silicone
Body parts material	Die cast Aluminum	SDCM	5 MacAdam steps
Opitc	PC lens	IP & IK Rating	IP66&IK10
CRI	> 70	Color temperature	3000K,4000K,5000K, CCT Selectable

Specification and dimension

Dimension		Model	Dimension(inch[mm])		
		HYTGD-42-24/20/15W	8.22"*5.28"*4.8"[209*134*122]		
		HYTGD-42-42/30W	10.12"*5.51"*6.3"[257*140*160]		
		HYTGD-42-80/60W	12.6"*7.48"*9.96"[320*190*253]		
		HYTGD-42-120/100W	15.75"*8.07"*10.55"[400*205*268]		
Order code	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	Input voltage	Dimming
104201	15	1800	≥120	AC 120-277V	0-10V
104202	20	2400	≥120	AC 100-277V	0-10V
104203	24	2880	≥120	AC 100-277V	0-10V
104204	30	3600	≥120	AC 120-277V	0-10V
104205	42	5040	≥120	AC 100-277V	0-10V
104206	60	7200	≥120	AC 100-277V	0-10V
104207	80	9600	≥120	AC 120-277V	0-10V
104208	100	12000	≥120	AC 100-277V	0-10V
104209	120	14400	≥120	AC 100-277V	0-10V

**90min emergency version available*

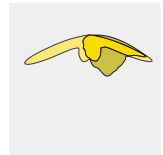


HYTGD-42

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Scapulda	15	120	LV1	30	0	BL	Y	70	10		MP	DM	
	20			40	T3	GR						TLPH	
	24			50									
	30			30/40/50									
	42												
	60												
	80												
	100												
	120												

Lighting Distribution



Details



Flood light



Glory

ETL | FCC | IK08 | IP66



Technical information

Parameter	Technical data	Parameter	Technical data
Location	Wet Location	Front Cover	PC
Operating temperature	-20 C ~50 C / 10% ~ 95% (humidity)	Gasket	Silicone
Body parts material	Aerometal	SDCM	5 MacAdam steps
Opitc	PC lens	IP & IK Rating	IP66 & IK08
CRI	> 80	Color temperature	3000K,4000K,5000K

Specification and dimension

Dimension				Model	
				HYTGD-LED08 S	
Order code	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	Input voltage	Dimming
308110	26	2080	80	AC100-277/DC24	0-10V
308118	42	2600	80	AC100-277/DC24	0-10V
308124	60	4900	80	AC100-277/DC24	0-10V

Dimension				Model	
				HYTGD-LED08 M	
Order code	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	Input voltage	Dimming
308218	45	2400	53	AC100-277/DC24	0-10V
308236	80	6400	80	AC100-277/DC24	0-10V
308248	120	9600	80	AC100-277/DC24	0-10V

Dimension				Model	
				HYTGD-LED08 L	

Electrical data and dimension

Order code	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	Input voltage	Dimming
308327	68	5780	85	AC100-277/DC24	0-10V
308364	160	12450	78	AC100-277/DC24	0-10V
308372	180	14200	78	AC100-277/DC24	0-10V

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Glory S	26	80	DC2 LV1	30	3.5	BL	Y	80	10		SAM	DM	
	42			40	10	GR					TAM		
	60			50	15						WAM		
Glory M	45	53											
	80	80											
	120												
Glory L	68	78											
	160	85											
	180												

Lighting Distribution



Details



Product feature



Structure diagram



Thor

ETL

FC

IK06

IP65



HYTGD-S06

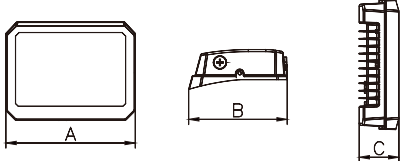


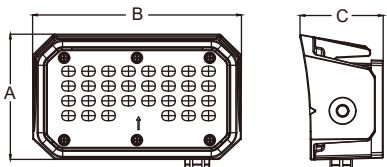
HYTGD-S08

Technical information

Parameter	Technical data	Parameter	Technical data
Location	Wet Location	Front Cover	Tempered Glass
Operating temperature	-20 C ~50 C / 10% ~ 95% (humidity)	Gasket	Silicone
Body parts material	Die cast Aluminum	SDCM	5 MacAdam steps
Opitc	N/A	IP & IK Rating	IP65 & IK06
CRI	> 70	Color temperature	3000K,4000K,5000K, CCT Selectable

Specification and dimension

Dimension		Model	A(inch[mm])	B(inch[mm])	C(inch[mm])
		HYTGD-S06-35/20/15W	6.93"[176.1]	5.89"[149.6]	2.29"[58.1]
		HYTGD-S06-80/60/35W	9.49"[241.1]	7.25"[184.1]	2.84"[72.2]
		HYTGD-S06-150/120/100W	11.85"[301.1]	9.03"[229.3]	3.64"[92.5]
		/	/	/	/
Order code	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	Input voltage	Dimming
300601	35/25/15	5075	> 140	AC 120-277V	0-10V
300602	80/60/40	11600	> 140	AC 100-277V	0-10V
300603	150/120/100	21750	> 140	AC 100-277V	0-10V

Dimension		Model	A(inch[mm])	B(inch[mm])	C(inch[mm])
		HYTGD-S08-15W	3.11"[79.0]	5.19"[131.8]	2.07"[52.5]
		HYTGD-S08-30W	4.22"[107.2]	7.57"[192.4]	2.26"[57.5]
		HYTGD-S08-50W	5.13"[130.4]	8.99"[228.4]	2.38"[60.5]
		HYTGD-S08-60W-100W	6.82"[173.2]	12.23"[310.6]	2.97"[75.5]
Order code	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	Input voltage	Dimming
300801	15	2025	135	AC 120-277V	0-10V
300802	30	4050	135	AC 100-277V	0-10V
300803	70	9450	135	AC 100-277V	0-10V
300804	30/20/15	4050	135	AC 100-277V	0-10V
300805	50/40/30	6750	135	AC 100-277V	0-10V
300806	100/80/50	13500	135	AC 100-277V	0-10V

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Thor S	15/25/35	140	LV1	30	0	BL	Y	70	10		SFM	DM	EM
	40/60/80		LV2	40		GR					YM	TLPH	
	100/120/150			50							TM		
Thor M	15	135		30/40/50							KM		
	30												
	70												
	15/20/30												
	30/40/50												
	50/80/100												

Additional accessory

Model	Slip-fitter	Yoke	Trunion	Knuckle	Photocell
Image					

Molisa

ETLFCIK06IP65

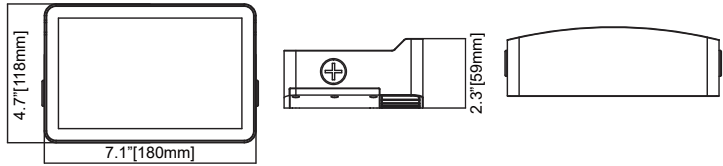


HYTGD-36

Technical information

Parameter	Technical data	Parameter	Technical data
Location	Wet Location	Front Cover	PC
Operating temperature	-20 C ~50 C / 10% ~ 95% (humidity)	Gasket	Silicone
Body parts material	Aerometal	SDCM	5 MacAdam steps
Opitc	PC lens	IP & IK Rating	IP65 & IK06
CRI	>80	Color temperature	3000K,4000K,5000K, CCT Selectable

Specification and dimension

Dimension				Model	
				HYTGD-36	
Order code	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	Input voltage	Dimming
303601	15	3850	110	AC 120-277V	0-10V
303602	25	3850	110	AC 120-277V	0-10V
303603	35	3850	110	AC 120-277V	0-10V
303604	45	7150	110	AC 120-277V	0-10V
303605	55	7150	110	AC 120-277V	0-10V
303606	65	7150	110	AC 120-277V	0-10V
303607	100	16500	110	AC 120-277V	0-10V
303608	120	16500	110	AC 120-277V	0-10V
303609	150	16500	110	AC 120-277V	0-10V

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Molisa	15-25-35	110	LV2	30	0	BL	Y	80	10		SFM	DM	
	45-55-65			40		GR						YM	
100-120-150				50								TM	
				30/40/50								KM	

Details



Luminous Flux (lm): The data provided has been tested under standard operating conditions. Actual performance may vary based on environmental factors, optical components/diffusers, and correlated color temperature (CCT).

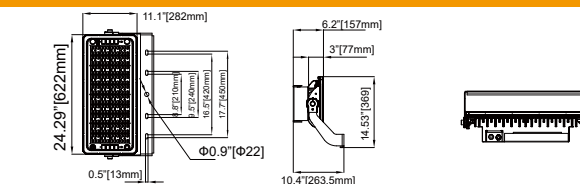


L

HYTGD-LED900L

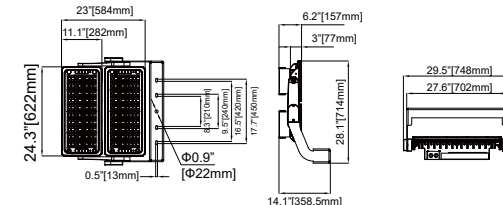
Parameter	Technical data	Parameter	Technical data
Lifetime	Up to 100,000hrs LM70,Ta 25 °C	Driver isolation	Class I
Wattags	300~1500W	Control dimming	DALI / 1-10V / Timing / PWM
Light efficacy	Up to 171lm/W	Operating temperature	-35°C~50°C / 10% ~ 95% (humidity)
CRI	≥ 70 or ≥ 80	Body parts material	ADC12 (standard)
Color temperature	3000K, 4000K, 5000K	Optic	PC (standard)
Operation voltage	AC 100-277V / 277-347V	Front Cover	Flat tempered glass 5mm thickness
Frequency	50 / 60Hz	Gasket	Silicone
Power factor	≥0.95 cos	SDCM	3 or 5 MacAdam steps

Dimension						Model
						HYTGD-LED900S
Order code	Chip	LED QTY	Lens Type	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
390001	5050	192	6	300	45000	150
390002	5050	192	6	400	60000	150
390003	5050	240	6	500	75000	150
390004	3535	192	6	300	45000	150
390005	3535	192	6	400	60000	150
390006	3535	240	6	500	75000	150



HYTGD-LED900S

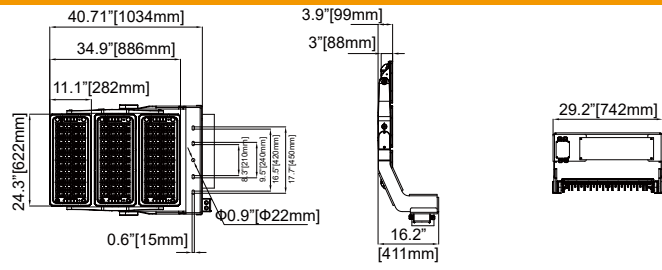
Dimension						Model
The technical drawing illustrates the dimensions of the HYTGD-LED900M luminaire from three perspectives: Top View: Shows a rectangular body with a width of 23" [584mm] and a height of 11.1" [282mm]. The mounting arm has a diameter of Φ0.9" [Φ22mm] and a length of 17.7" [449mm]. The base has a width of 24.3" [622mm] and a depth of 0.5" [13mm]. Side View: Shows a total height of 6.2" [157mm] and a mounting arm length of 3" [77mm]. The base has a width of 28.1" [714mm] and a depth of 14.1" [358.5mm]. Front View: Shows a lens width of 29.5" [748mm] and a lens height of 27.6" [702mm].						HYTGD-LED900M
Order code	Chip	LED QTY	Lens Type	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
390007	5050	384	6	600	90000	150
390008	5050	384	6	700	105000	150
390009	5050	384	6	800	120000	150
390010	5050	480	6	900	135000	150
390011	5050	480	6	1000	150000	150
390012	3535	384	6	600	90000	150



HYTGD-LED900M

Specification and dimension

Order code	Chip	LED QTY	Lens Type	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
390013	3535	384	6	700	105000	150
390014	3535	384	6	800	120000	150
390015	3535	480	6	900	135000	150
390016	3535	480	6	1000	150000	150

Dimension						Model
						HYTGD-LED900L
Order code	Chip	LED QTY	Lens Type	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
390017	5050	576	6	1100	165000	150
390018	5050	576	6	1200	180000	150
390019	5050	720	6	1300	195000	150
390020	5050	720	6	1400	210000	150
390021	5050	720	6	1500	225000	150
390022	3535	576	6	1100	165000	150
390023	3535	576	6	1200	180000	150
390024	3535	720	6	1300	195000	150
390025	3535	720	6	1400	210000	150
390026	3535	720	6	1500	225000	150

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories	
Seafwol	300	150	LV1	30	30	GR	Y	80	10		SAM	DM		
	400		MV1	40	60		DA				20	TAM		DA
	500			50	90		WAM							
	600			22										
	700													
	800													
	900													
	1000													
	1100													
	1200													
	1300													
	1400													
	1500													

Lighting Distribution

3535/5050





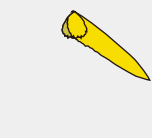
FL630



FL660



FL690



FL622

Aluminum reflector



Selene



* 5050: LUMILEDS 5050; 3535: CREE XPG3; 3030: LUMILEDS 3030

Luminous Flux (Lm): The data provided has been tested under standard operating conditions. Actual performance may vary based on environmental factors, optical components/diffusers, and correlated color temperature (CCT).



HYTGD-LED98

Technical information

Parameter	Technical data	Parameter	Technical data
Lifetime	Up to 50,000hrs LM70,Ta 25 C	Location	Wet Location
Wattags	10~95W	Control dimming	1-10V / Photocell
Light efficacy	Up to 135lm/W	Operating temperature	-35°C~50°C / 10% ~ 95% (humidity)
CRI	≥ 70	Body parts material	ADC12 (standard) / LM6 (option)
Color temperature	3000K, 4000K, 5000K, CCT Selectable	Optic	PC (standard) / PMMA (option)
Operation voltage	AC 100-277V	Front Cover	Flat tempered glass 3mm thickness
Frequency	50 / 60Hz	Gasket	Silicone
Power factor	≥0.9	SDCM	3 or 5 MacAdam steps

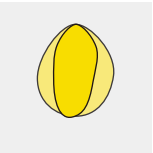
Specification and dimension

Dimension						
HYTGD-LED98-S HYTGD-LED98-M HYTGD-LED98-L HYTGD-LED98-G						
Order code	Chip	Power (W)	Beam Angle	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	CCT
29801	3030	10	100°x60°	1300	130	3000K, 4000K, 5000K
29801	3030	15	100°x60°	1950	130	3000K, 4000K, 5000K
29803	3030	28	100°x60°	3640	130	3000K, 4000K, 5000K
29804	3030	45	100°x60°	5850	130	3000K, 4000K, 5000K
29805	3030	65	100°x60°	8775	130	3000K, 4000K, 5000K
29806	3030	75	100°x60°	10125	135	3000K, 4000K, 5000K
29807	3030	95	100°x60°	12160	128	3000K, 4000K, 5000K
29809	3030	45/35/25/ 45 Selectable	100°x60°	6075/4725/3375/ 2025 Selectable	135	3000K, 4000K, 5000K Selectable
29809	3030	95/75/60/ 50 Selectable	100°x60°	12825/10125/8100/ 6750 Selectable	135	3000K, 4000K, 5000K Selectable

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Selene	10	128	LV1	30	0	BL	Y	70	10		YM	DM	
	15	130		40		GR			20		TM		
	28	135		50					KM				
	45			30/40/50									
	65												
	75												
	95												
25/35/45/55													
50/60/75/95													

Lighting Distribution



Details



Diana



* 5050: LUMILEDS 5050; 3535: CREE XPG3; 3030: LUMILEDS 3030

Luminous Flux (Lm): The data provided has been tested under standard operating conditions. Actual performance may vary based on environmental factors, optical components/diffusers, and correlated color temperature (CCT).

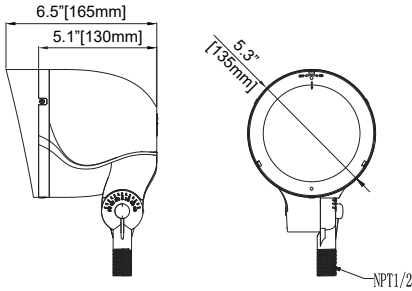


HYTGD-LED99

Technical information

Parameter	Technical data	Parameter	Technical data
Lifetime	Up to 50,000hrs LM70,Ta 25 C	Location	Wet Location
Wattags	15~30W	Control dimming	1-10V
Light efficacy	Up to 130lm/W	Operating temperature	-40℃~50℃ / 10% ~ 90% (humidity)
CRI	≥ 70	Body parts material	Die cast Aluminum
Color temperature	3000K, 4000K, 5000K	Optic	N/A
Operation voltage	AC 100-277V	Front Cover	Flat tempered glass 5mm thickness
Frequency	50 / 60Hz	Gasket	Silicone
Power factor	≥0.9	SDCM	5 MacAdam steps

Specification and dimension

Dimension					Model
					HYT-LED99
Order code	Chip	Dimming	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
29901	bridgelux	0-10V	15	1950	130
29902	bridgelux	0-10V	20	2600	130
29903	bridgelux	0-10V	30	3900	130

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Diana	15	130	DC1	30	0	BL	Y	70	10		KM	DM	
	20		LV1	40					20				
	30			50									

Lighting Distribution



Details



Security light

L3228AS/L3228S



L3228AS



L3228S

LED Wall Light

- Die-casting Aluminium body
- Color temperature (in Kelvin) available: 2700K, 3000K, 3500K, 4200K, 5000K, 6500K
- Color rendering Index(Ra) $Ra \geq 80$
- Working Temperature: $-20^{\circ}\text{C} \sim 50^{\circ}\text{C}$
- **L3228S “S” with Motion Sensor**
- Detection area: 120° Detection Angle
- Max. distance approx: 10M
- Duration time: 10 ± 5 Sec to 5 ± 1 Minutes Adjustable
- IP54
- Voltage: $100\text{-}240\text{V} \sim 50/60\text{Hz}$



Specification

Model	Power (W)	Total Lumens Flux	Useful Luminous Flux	Dimension(mm) L*B*H
L3228AS	10	850LM	850LM	3.35″*3.94″*7.87″[85*100*200]
L3228S	20	1700LM	1700LM	9.94″*3.85″*5.37″[252.5*91*136.5]

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
L3228	10	85	LV1	27	SH	BL	N	80			MP	PIR	
	20			30	DH	GR							
				35									
				42									
				50									
				65									

LN3226A/LN3226AS/LN3226/LN3226S



LED Wall Light

- Die-casting Aluminium body
- Color temperature (in Kelvin) available:
2700K, 3000K, 3500K, 4200K, 5000K, 6500K
- Color rendering Index(Ra)Ra ≥ 80
- Working Temperature: -20°C~50°C
- **LN3226AS, LN3226S "S" with Motion Sensor**
- Detection area:120° Detection Angle
- Max. distance approx: 10M
- Duration time:10±5 Sec to 5±1 Minutes Adjustable
- IP54
- Voltage:100-240V~ 50/60Hz



Specification

Model	Power (W)	Total Lumens Flux	Peak Intensity	Useful Luminous Flux	Dimension(mm) L*B*H
LN3226A	10	1000LM	500cd	950LM	3.54"*2.36"*8.11"[90*60*206]
LN3226AS	10	1000LM	500cd	950LM	3.54"*3.15"*9.37"[90*80*238]
LN3226	20	2100LM	1000cd	1900LM	7.8"*2.36"*8.11"[198*60*206]
LN3226S	20	2100LM	1000cd	1900LM	7.8"*3.15"*9.37"[198*80*238]

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
L3226	10	100	LV1	27	SH	BL	N	80			MP	PIR	
	20			30	DH	GR							
				35									
				42									
				50									
				65									

LN3236A/LN3236AS/LN3236/LN3236S



LED Wall Light

- Die-casting Aluminium body PC diffuser
- Color temperature(in Kelvin)available:
2700K,3000K,3500K,4200K,5000K,6500K
- Color rendering Index(Ra)Ra ≥ 80
- Working Temperature: -20°C~50°C
- Detection area: 120° Detection Angle
- Max. distance approx: 10M
- Duration time: 10±5 Sec to 5±1 Minutes Adjustable
- IP54
- Voltage:100-247V~ 50/60Hz



Specification

Model	Power (W)	Total Lumens Flux	Useful Luminous Flux	Dimension(mm) L*B*H
LN3236A	20	2100LM	2100LM	6.3"*4.65"*4.68"[160*118*119]
LN3236AS	20	2100LM	2100LM	6.3"*4.08"*4.68"[160*122*119]
LN3236	2*15	3200LM	3200LM	9.65"*4.08"*4.68"[245*122*119]
LN3236S	2*15	3200LM	3200LM	9.65"*5"*4.68"[245*127*119]

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
L3236	20	100	LV1	27	SH	BL	N	80			MP	PIR	
	30				30	DH	GR						
					35								
					42								
					50								
					65								

LN3230/LN3230S



LED Wall Light

- Plastic body,clear PC diffuser.
- Color temperature (in Kelvin) available: 2700K, 3000K, 3500K, 4200K, 5000K, 6500K
- Color rendering Index(Ra)Ra ≥ 80
- Working Temperature:-20°C~50°C
- **L3230XS “S” with Motion Sensor**
- Detection area: 90° Detection Angle
- Max. distance approx: 8M
- Duration time: 10±5 Sec to 5±1 Minutes Adjustable
- IP44
- Voltage:100-240V~ 50/60Hz

Specification

Model	Power (W)	Total Lumens Flux	Useful Luminous Flux	Dimension(mm) L*B*H
LN3230	6.5	600LM	600LM	7.16"*4.09"*8.03"
LN3230S	7	600LM	600LM	[182*104*204]

LN3231/LN3231S



LED Wall Light

- Plastic body,clear PC diffuser.
- Color temperature (in Kelvin) available: 2700K, 3000K, 3500K, 4200K, 5000K, 6500K
- Color rendering Index(Ra)Ra ≥ 80
- Working Temperature: -20°C~50°C
- **L3231XS “S” with Motion Sensor**
- Detection area: 90° Detection Angle
- Max. distance approx:8M
- Duration time:10±5 Sec to 5±1 Minutes Adjustable
- IP44
- Voltage:100-240V~ 50/60Hz

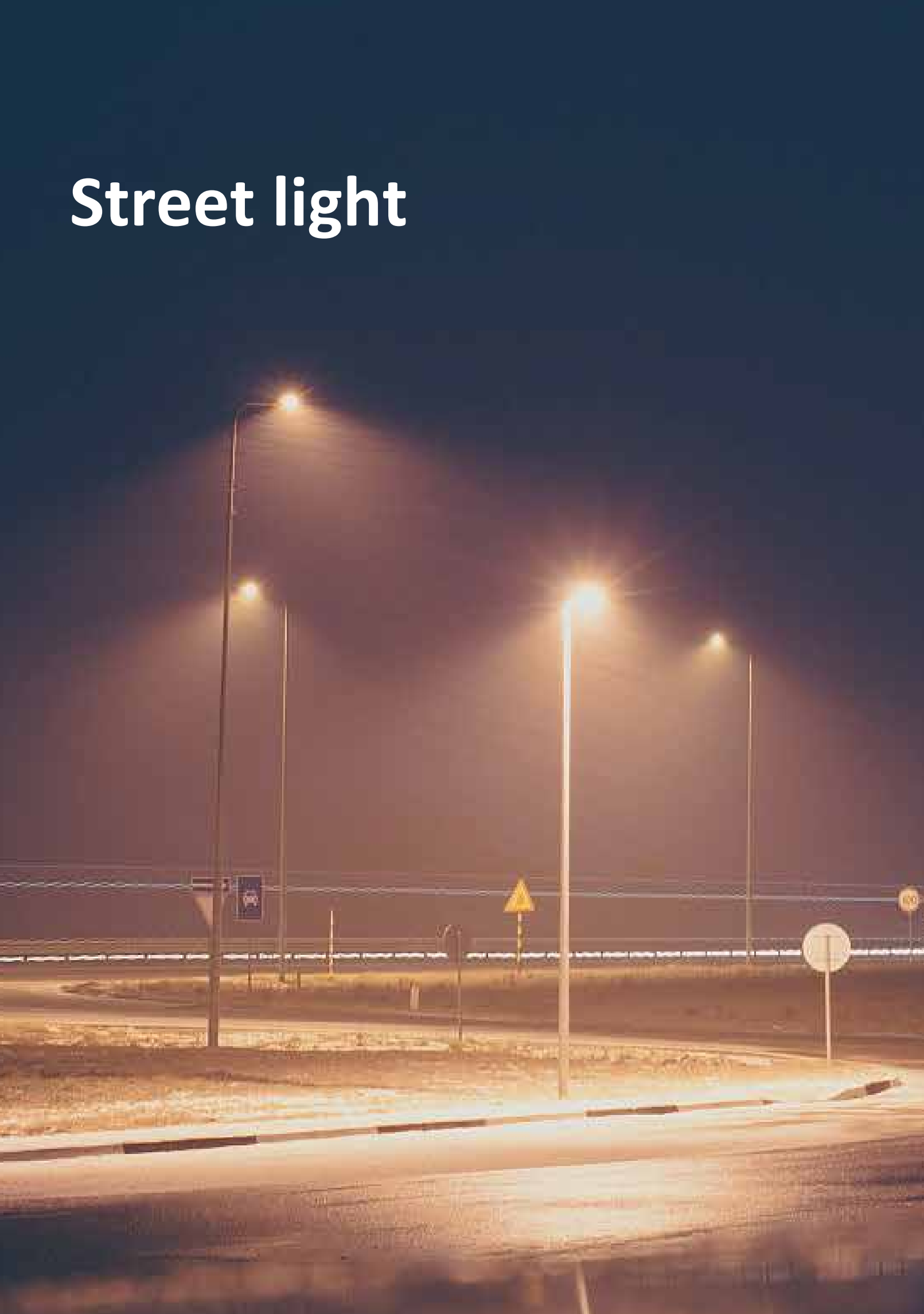
Specification

Model	Power (W)	Total Lumens Flux	Useful Luminous Flux	Dimension(mm) L*B*H
LN3231	12.5	/	/	8.15"*4.33"*8.74"
LN3231S	13	/	/	[207*110*222]

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
LN3230	6.5	90	LV1	27	SH	BL	N	80			MP	PIR	
	7			30	DH								
LN3231	12.5			35									
	13			42									
				50									
				65									

Street light



Vulcan



* 5050: LUMILEDS 5050; 3535: CREE XPG3; 3030: LUMILEDS 3030

Luminous Flux (Lm): The data provided has been tested under standard operating conditions. Actual performance may vary based on environmental factors, optical components/diffusers, and correlated color temperature (CCT).



S

HYDD-LED26GS



M

HYDD-LED26GM

Technical information

Parameter	Technical data	Parameter	Technical data
Lifetime	Up to 100,000hrs LM70,Ta 25 °C	Location	Class I or Class II
Wattags	30~200W	Control dimming	DALI / 1-10V / Timing / PWM
Light efficacy	Up to 150lm/W	Operating temperature	-35°C~50°C / 10% ~ 95% (humidity)
CRI	≥ 70 or ≥ 80	Body parts material	ADC12 (standard) / LM6 (option)
Color temperature	3000K, 4000K, 5000K	Optic	PC (standard) / PMMA (option)
Operation voltage	AC 120-277V	Front Cover	Flat tempered glass 5mm thickness
Frequency	50 / 60Hz	Gasket	Silicone
Power factor	≥0.95 cos	SDCM	3 or 5 MacAdam steps

Specification and dimension

Dimension						Model
						HYDD-LED26GS Vulcan S
Order code	Chip	LED QTY	Lens Type	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
12601	5050	24	6	30	4500	150
12602	5050	24	6	40	6000	150
12603	5050	36	6	60	9000	150
12604	5050	36	6	80	12000	150
12605	5050	54	6	100	15000	150
12606	5050	54	6	120	18000	150

Dimension						Model
						HYDD-LED26GM Vulcan M
Order code	Chip	LED QTY	Lens Type	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
12607	5050	54	6	120	18000	150
12608	5050	72	6	150	22500	150
12609	5050	96	6	180	27000	150
12610	5050	96	6	200	30000	150

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Vulcan	30	150	LV2	30	T1	BL	Y	70	10		SAM	DM	
	40			40	T2	GR		80	20		FPM	TLPH	
	60			50	T3							RCB7	
	80				T4							ZGBS	
	100												
	120												
	150												
	180												
	200												

Lighting Distribution



SL6T1 SL6T2 SL6T3 SL6T32 SL6G1 SL6G2 SL6G3

Details



Optional

Adjusting the angle



HYDD-LED26GS HYDD-LED26GL

Star



* 5050: LUMILEDS 5050; 3535: CREE XPG3; 3030: LUMILEDS 3030

Luminous Flux (Lm): The data provided has been tested under standard operating conditions. Actual performance may vary based on environmental factors, optical components/diffusers, and correlated color temperature (CCT).

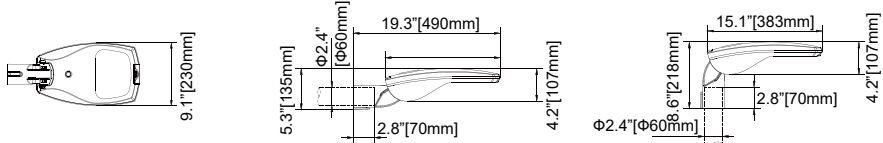


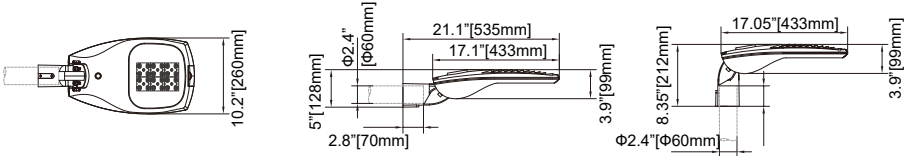
HYDD-LED10D HYDD-LED10B HYDD-LED10C HYDD-LED10A HYDD-LED10

Technical information

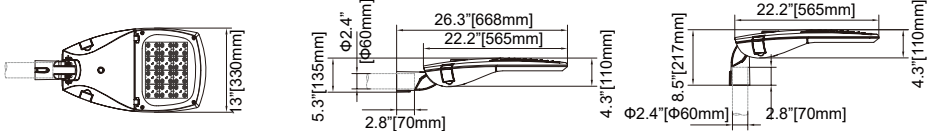
Parameter	Technical data	Parameter	Technical data
Lifetime	Up to 100,000hrs LM70,Ta 25 C	Location	Class I or Class II
Wattags	20~80W	Control dimming	DALI / 1-10V / Timing / PWM
Light efficacy	Up to 150lm/W	Operating temperature	-35°C~50°C / 10% ~ 95% (humidity)
CRI	≥ 70 or ≥ 80	Body parts material	Die cast Aluminum
Color temperature	3000K, 4000K, 5000K	Optic	PC (standard) / PMMA (option)
Operation voltage	AC 120-277V	Front Cover	PC
Frequency	50 / 60Hz	Gasket	Silicone
Power factor	≥0.95 cos	SDCM	3 or 5 MacAdam steps

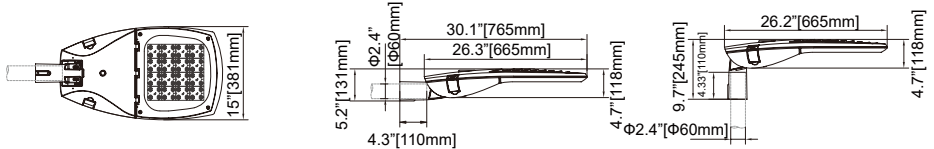
Specification and dimension

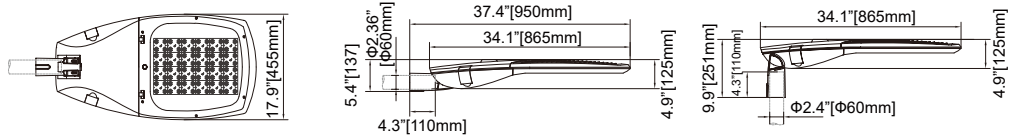
Dimension						Model
						HYDD-LED10D Star XXS
Order code	Chip	LED QTY	Lens Type	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
11009	5050	12	6	20	3000	150
11010	5050	24	6	40	6000	150
11011	5050	36	6	60	9000	150

Dimension						Model
						HYDD-LED10B Star XS
Order code	Chip	LED QTY	Lens Type	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
11020	5050	18	6	40	6000	150
11021	5050	36	6	60	9000	150
11022	3030	42	14	40	5200	130
11023	3030	84	14	60	7800	130

Specification and dimension

Dimension						Model
						HYDD-LED10C Star S
Order code	Chip	LED QTY	Lens Type	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
11032	5050	54	6	80	12000	150
11033	5050	72	6	120	18000	150
11034	5050	72	6	150	22500	150
11035	3030	126	14	80	10400	130
11036	3030	168	14	120	15600	130
11037	3030	168	14	150	19500	130

Dimension						Model
						HYDD-LED10A Star M
Order code	Chip	LED QTY	Lens Type	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
11046	5050	72	6	150	22500	150
11047	5050	96	6	200	30000	150
11048	3030	168	14	150	19500	130
11049	3030	224	14	200	26000	130

Dimension						Model
						HYDD-LED10 Star L
Order code	Chip	LED QTY	Lens Type	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
11058	5050	120	6	240	36000	150
11059	5050	144	6	300	45000	150
11060	3030	280	14	240	31200	130
11061	3030	336	14	300	39000	130

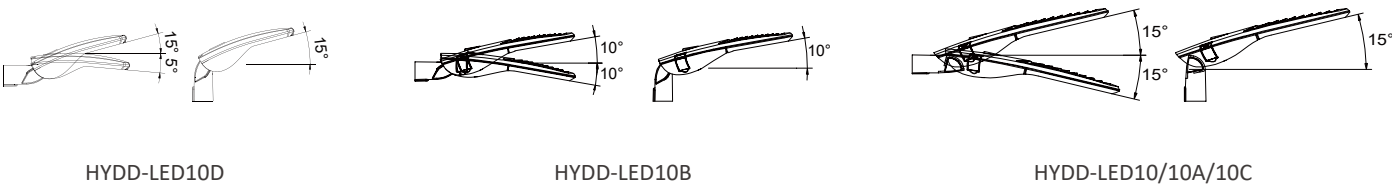
Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Star	20	130	LV2	30	T1	BL	Y	70	10		SAM	DM	
	40	150		40	T2	GR		80	20		FPM	TLPH	
	60			50	T3				APM		RCB7		
	80				T4							ZGBS	
	120												
	150												
	200												
	240												
300													

Lighting Distribution



Adjusting the angle



Details



HYDD-LED10D(XXS)



HYDD-LED10B(XS)



HYDD-LED10C(S)



HYDD-LED10A(M)



HYDD-LED10(L)

Area Light

Poseidon I

FC | IP65 |  |  |  RoHS compliant



* 5050: LUMILEDS 5050; 3535: CREE XPG3; 3030: LUMILEDS 3030

Luminous Flux (Lm): The data provided has been tested under standard operating conditions. Actual performance may vary based on environmental factors, optical components/diffusers, and correlated color temperature (CCT).



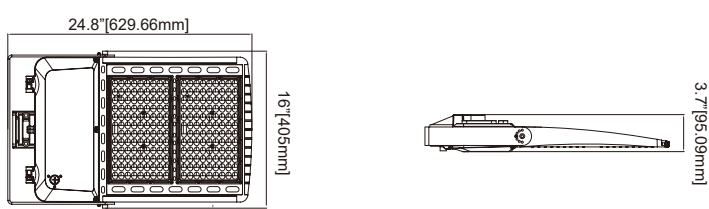
HYDD-S03

Technical information

Parameter	Technical data	Parameter	Technical data
Lifetime	Up to 100,000hrs LM70,Ta 25 C	Location	Wet Location
Wattags	75~320W	Control dimming	0-10V/Timing/Photocell
Light efficacy	Up to 150lm/W	Operating temperature	-35°C~50°C / 10% ~ 95% (humidity)
CRI	≥ 75	Body parts material	ADC12 (standard) / LM6 (option)
Color temperature	3000K, 4000K, 5000K, CCT Selectable	Optic	PC (standard) / PMMA (option)
Operation voltage	AC 120-277V	Front Cover	Flat tempered glass 5mm thickness
Frequency	50 / 60Hz	Gasket	Silicone
Power factor	≥0.9	SDCM	3 or 5 MacAdam steps

Specification and dimension

Dimension						Model
						HYDD-S03S
Order code	Chip	Power (W)	Beam Angle	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	CCT
1S0301	3030	75	T2/T3/T4/T5	11250	150	3000K, 4000K, 5000K
1S0302	3030	100	T2/T3/T4/T5	15000	150	3000K, 4000K, 5000K
1S0303	3030	120	T2/T3/T4/T5	18000	150	3000K, 4000K, 5000K
1S0304	3030	150	T2/T3/T4/T5	22500	150	3000K, 4000K, 5000K
1S0305	3030	75/100/120/150 Selectable	T2/T3/T4/T5	22500/18000/15000/11250 Selectable	150	3000K, 4000K, 5000K
1S0306	5050	75/100/120/150 Selectable	T2/T3/T4/T5	22500	150	3000K, 4000K, 5000K Selectable
1S0307	3030	200	T2/T3/T4/T5	30000	150	3000K, 4000K, 5000K

Dimension						Model
						HYDD-S03L
Order code	Chip	Power (W)	Beam Angle	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	CCT
1S0308	3030	200	T2/T3/T4/T5	30000	150	3000K, 4000K, 5000K
1S0309	3030	240	T2/T3/T4/T5	36000	150	3000K, 4000K, 5000K

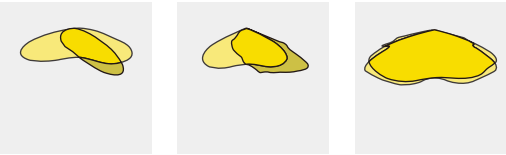
Specification and dimension

Order code	Chip	Power (W)	Beam Angle	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	CCT
1S0310	3030	320/240/200/160 Selectable	T2/T3/T4/T5	48000/36000/30000/24000 Selectable	150	3000K, 4000K, 5000K Selectable
1S0311	5050	320/240/200/160 Selectable	T2/T3/T4/T5	48000/36000/30000/24000 Selectable	150	3000K, 4000K, 5000K Selectable
1S0312	3030	240	T2/T3/T4/T5	36000	150	3000K, 4000K, 5000K
1S0313	3030	320	T2/T3/T4/T5	48000	150	3000K, 4000K, 5000K

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Poseidon I	75	150	LV2	30	T3	BL	Y	70	10		FPM	DM	HS
	100			40	T4	GR	80	20	APM		TLPH		
	120			50	T5	WH			SFM		RCB7		
	150			30/40/50				YM	ZGBS				
	200							TM					
75-100-120-150													

Lighting Distribution



Details



Poseidon II



* 5050: LUMILEDS 5050; 3535: CREE XPG3; 3030: LUMILEDS 3030

Luminous Flux (Lm): The data provided has been tested under standard operating conditions. Actual performance may vary based on environmental factors, optical components/diffusers, and correlated color temperature (CCT).



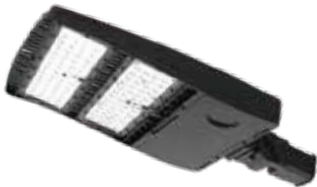
S

HYDD-P06-S



M

HYDD-P06-M



L

HYDD-P06-L

Technical information

Parameter	Technical data	Parameter	Technical data
Lifetime	Up to 100,000hrs LM70,Ta 25 °C	Location	Wet Location
Wattags	75~320W	Control dimming	0-10V
Light efficacy	Up to 150lm/W	Operating temperature	-35°C~50°C / 10% ~ 95% (humidity)
CRI	≥ 80	Body parts material	ADC12 (standard) / LM6 (option)
Color temperature	3000K, 4000K, 5000K, CCT Selectable	Optic	PC (standard) / PMMA (option)
Operation voltage	AC 120-277V	Front Cover	Flat tempered glass 5mm thickness
Frequency	50 / 60Hz	Gasket	Silicone
Power factor	≥0.9	SDCM	3 or 5 MacAdam steps

Specification and dimension

Dimension						
14.3"[362.6mm] 14.6"[370.6mm] 16.7"[424.58mm] 3.1"[77.97mm] 21.3"[540.52mm] 3.4"[85.8mm]						
Order code	Chip	Power (W)	Beam Angle	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	CCT
1P0501	3030	75	T2/T3/T4/T5	10500	140	3000K, 4000K, 5000K
1P0502	3030	100	T2/T3/T4/T5	14000	140	3000K, 4000K, 5000K
1P0503	3030	150	T2/T3/T4/T5	21000	140	3000K, 4000K, 5000K
1P0504	3030	200	T2/T3/T4/T5	28000	140	3000K, 4000K, 5000K
1P0505	3030	240	T2/T3/T4/T5	33600	140	3000K, 4000K, 5000K
1P0506	3030	320	T2/T3/T4/T5	44800	140	3000K, 4000K, 5000K
1P0507	3030	90 120 150	T2/T3/T4/T5	13500 18000 22500	150 150 150	3000K, 4000K, 5000K
1P0508	3030	180 200 240	T2/T3/T4/T5	27000 30000 36000	150 150 150	3000K, 4000K, 5000K
1P0509	3030	250 290 320	T2/T3/T4/T5	37500 43500 48000	150 150 150	3000K, 4000K, 5000K

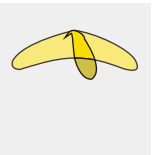
Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories	
PoseidonII	75	150	LV1	30	T2	BL	Y	70	10		WAM	DM	HS	
	100			40	T3	GR		80	20		FPM	TLPH		
	120			50	T4	WH					APM	RCB7		
	150			30/40/50	T5						SFM	ZGBS		
	200										YM			
	240										TM			
	320													
90-120-150														
180-200-240														
250-290-320														

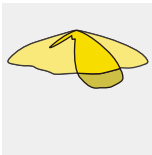
Lighting Distribution

3535/5050

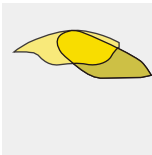




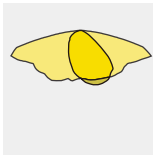
SL4T2



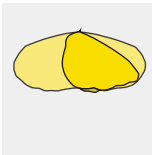
SL4T3



SL4T4



SH4T2



SH4T3

Details



Slip Fitter



6'' Extruded Arm



Swivel Bracket



Yoke mount

Optional Accessories

Model	Z10 Photocell	Z10 Sensor	Z10 Series cover plate kits	Anti-Glare Shield
Image				

Poseidon III

FC

IP66









* 5050: LUMILEDS 5050; 3535: CREE XPG3; 3030: LUMILEDS 3030

Luminous Flux (Lm): The data provided has been tested under standard operating conditions. Actual performance may vary based on environmental factors, optical components/diffusers, and correlated color temperature (CCT).



S

HYDD-P07-S



M

HYDD-P07-M



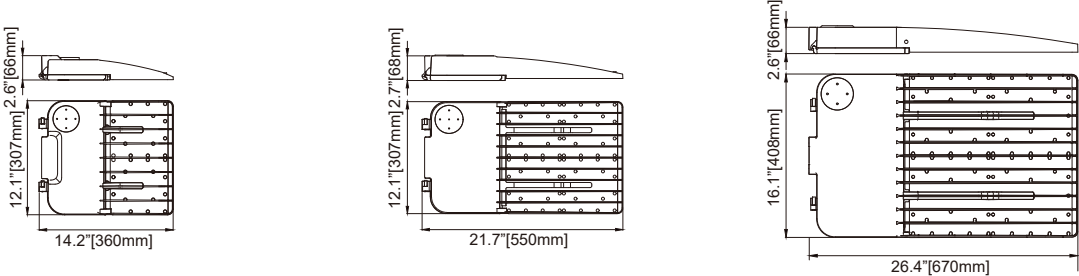
L

HYDD-P07-L

Technical information

Parameter	Technical data	Parameter	Technical data
Lifetime	Up to 100,000hrs LM70,Ta 25 C	Location	Wet Location
Wattags	25~450W	Control dimming	0-10V
Light efficacy	Up to 150lm/W	Operating temperature	-35℃~50℃ / 10% ~ 95% (humidity)
CRI	≥ 80	Body parts material	ADC12 (standard) / LM6 (option)
Color temperature	3000K, 4000K, 5000K, CCT Selectable	Optic	PC (standard) / PMMA (option)
Operation voltage	AC 120-277V	Front Cover	Flat tempered glass 5mm thickness
Frequency	50 / 60Hz	Gasket	Silicone
Power factor	≥0.9	SDCM	3 or 5 MacAdam steps

Specification and dimension

Dimension						
						
Order code	Chip	Power (W)	Beam Angle	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	CCT
1P0701	5050	25 50 75	T2/T3/T4/T5	3500 7000 10500	140 140 140	3000K, 4000K, 5000K Selectable
1P0702	5050	60 80 100	T2/T3/T4/T5	8400 11200 14000	140 140 140	3000K, 4000K, 5000K Selectable
1P0703	5050	60 80 100	T2/T3/T4/T5	8400 11200 14000	140 140 140	3000K, 4000K, 5000K Selectable
1P0704	5050	100 125 150	T2/T3/T4/T5	14000 17500 21000	140 140 140	3000K, 4000K, 5000K Selectable
1P0705	5050	115 135 160	T2/T3/T4/T5	16100 18900 22400	140 140 140	3000K, 4000K, 5000K Selectable
1P0706	5050	150 200 240	T2/T3/T4/T5	21000 28000 33600	140 140 140	3000K, 4000K, 5000K Selectable
1P0707	5050	180 240 320	T2/T3/T4/T5	25200 33600 44800	140 140 140	3000K, 4000K, 5000K Selectable
1P0708	5050	400	T2/T3/T4/T5	60000	150	3000K, 4000K, 5000K Selectable

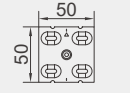
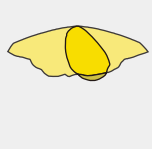
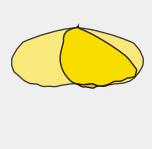
Specification and dimension

Order code	Chip	Power (W)	Beam Angle	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	CCT
1P0709	5050	270 360 450	T2/T3/T4/T5	37800 50400 63000	140 140 140	3000K, 4000K, 5000K Selectable

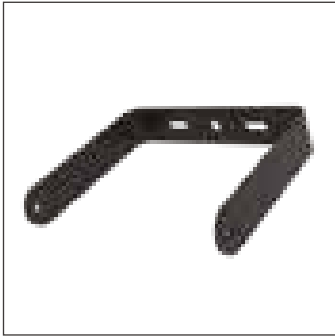
Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
PoseidonIII	25-50-75	150	LV1	30	T2	BL	Y	70	10		WAM	DM	HS
	60-80-100			40	T3	GR		80	20		FPM	TLPH	
	100-125-150			50	T4	WH					APM	RCB7	
	115-135-160			30/40/50	T5						SFM	ZGBS	
	150-200-240										YM		
	180-240-320										TM		
	400												

Lighting Distribution

3535/5050 					
	SL4T2	SL4T3	SL4T4	SH4T2	SH4T3

Details

		
Slip Fitter	6" Extruded Arm	Yoke mount

Optional Accessories

Model	Z10 Photocell	Z10 Sensor	Z10 Series cover plate kits	Anti-Glare Shield
Image				

Post TOP

Taurus

FC | IK09 | IP66 |  | LM79 |  RoHS compliant



* 5050: LUMILEDS 5050; 3535: CREE XPG3; 3030: LUMILEDS 3030

Luminous Flux (Lm): The data provided has been tested under standard operating conditions. Actual performance may vary based on environmental factors, optical components/diffusers, and correlated color temperature (CCT).

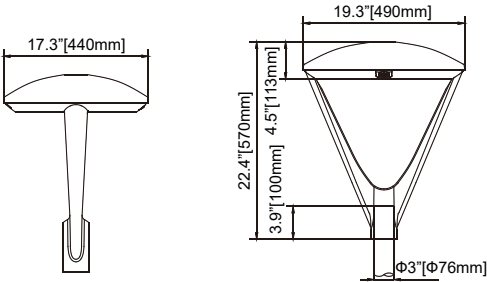


HYT-LED27A

Technical information

Parameter	Technical data	Parameter	Technical data
Lifetime	Up to 100,000hrs LM70,Ta 25 C	Driver isolation	Class I or Class II
Wattags	20~100W	Control dimming	DALI / 1-10V / Timing / PWM
Light efficacy	Up to 128lm/W	Operating temperature	-35°C~50°C / 10% ~ 95% (humidity)
CRI	≥ 70 or ≥ 80	Body parts material	Die cast Aluminum
Color temperature	3000K, 4000K, 5000K	Optic	PC (standard) / PMMA (option)
Operation voltage	AC 100-277V	Front Cover	Flat tempered glass 5mm thickness
Frequency	50 / 60Hz	Gasket	Silicone
Power factor	≥0.95 cos	SDCM	3 or 5 MacAdam steps

Specification and dimension

Dimension						Model
						HYT-LED27A
Order code	Chip	LED QTY	Lens Type	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
22701	5050	16	4	20	2560	128
22702	5050	16	4	30	3840	128
22703	5050	24	4	40	5120	128
22704	5050	24	4	50	6400	128
22705	5050	32	4	60	7740	128
22706	5050	32	4	70	8050	115
22707	5050	48	4	80	9200	115
22708	5050	48	4	90	10350	115
22709	5050	48	4	100	11500	115

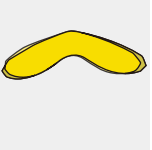
Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Taurus	20	115	LV1	30	T4	BL	Y	70	10		TAM	DM	SA
	30	128		40	T5	GR	DA	80				DA	
	40			50								TLPH	
	50											ZGBS	
	60												
	70												
	80												
	90												
	100												

Lighting Distribution

3535/5050





GL4T5



GL4T4

Details



Accessories - Adapter



Aries

FC

IK09

IP66



LM79

 RoHS
compliant



* 5050: LUMILEDS 5050; 3535: CREE XPG3; 3030: LUMILEDS 3030

Luminous Flux (Lm): The data provided has been tested under standard operating conditions. Actual performance may vary based on environmental factors, optical components/diffusers, and correlated color temperature (CCT).

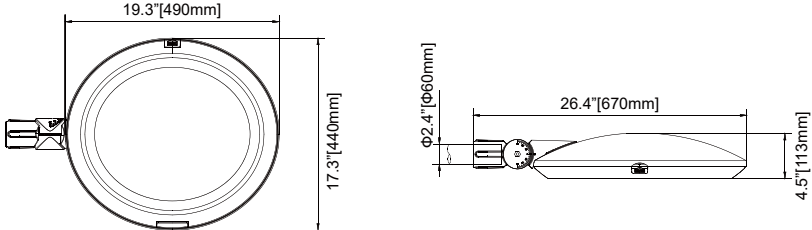


HYT-LED27B

Technical information

Parameter	Technical data	Parameter	Technical data
Lifetime	Up to 100,000hrs LM70,Ta 25 C	Driver isolation	Class I or Class II
Wattags	20~100W	Control dimming	DALI / 1-10V / Timing / PWM
Light efficacy	Up to 128lm/W	Operating temperature	-35°C~50°C / 10% ~ 95% (humidity)
CRI	≥ 70 or ≥ 80	Body parts material	Die cast Aluminum
Color temperature	3000K, 4000K, 5000K	Optic	PC (standard) / PMMA (option)
Operation voltage	AC 100-277V	Front Cover	Flat tempered glass 5mm thickness
Frequency	50 / 60Hz	Gasket	Silicone
Power factor	≥0.95 cos	SDCM	3 or 5 MacAdam steps

Specification and dimension

Dimension						Model
						HYT-LED27B
Order code	Chip	LED QTY	Lens Type	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
22710	5050	16	4	20	2560	128
22711	5050	16	4	30	3840	128
22712	5050	24	4	40	5120	128
22713	5050	24	4	50	6400	128
22714	5050	32	4	60	7740	128
22715	5050	32	4	70	8050	115
22716	5050	48	4	80	9200	115
22717	5050	48	4	90	10350	115
22718	5050	48	4	100	11500	115

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Aries	20	115	LV1	30	T2	BL	Y	70	10		FPM	DM	SA
	30	128		40	T3	GR	DA	80			APM	DA	
	40			50	T4						SFM	TLPH	
	50											ZGBS	
	60												
	70												
	80												
	90												
	100												

Lighting Distribution



Details



Thomas



* 5050: LUMILEDS 5050; 3535: CREE XPG3; 3030: LUMILEDS 3030

Luminous Flux (Lm): The data provided has been tested under standard operating conditions. Actual performance may vary based on environmental factors, optical components/diffusers, and correlated color temperature (CCT).

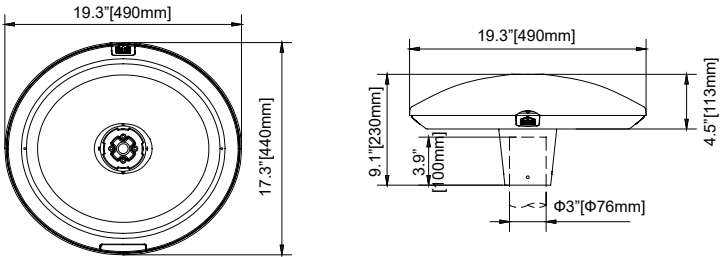


HYT-LED27F

Technical information

Parameter	Technical data	Parameter	Technical data
Lifetime	Up to 100,000hrs LM70,Ta 25 C	Driver isolation	Class I or Class II
Wattags	20~100W	Control dimming	DALI / 1-10V / Timing / PWM
Light efficacy	Up to 128lm/W	Operating temperature	-35℃~50℃ / 10% ~ 95% (humidity)
CRI	≥ 70 or ≥ 80	Body parts material	Die cast Aluminum
Color temperature	3000K, 4000K, 5000K	Optic	PC (standard) / PMMA (option)
Operation voltage	AC 100-277V	Front Cover	PC(standard)
Frequency	50 / 60Hz	Gasket	Silicone
Power factor	≥0.95 cos	SDCM	3 or 5 MacAdam steps

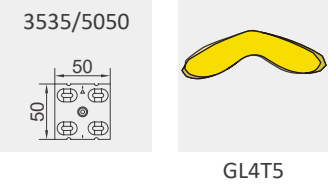
Specification and dimension

Dimension						Model
						HYT-LED27F
Order code	Chip	LED QTY	Lens Type	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
22719	5050	16	4	20	2560	128
22720	5050	16	4	30	3840	128
22721	5050	24	4	40	5120	128
22722	5050	24	4	50	6400	128
22723	5050	32	4	60	7740	128
22724	5050	32	4	70	8050	115
22725	5050	48	4	80	9200	115
22726	5050	48	4	90	10350	115
22727	5050	48	4	100	11500	115

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Thomas	20	115	LV1	30	T5	BL	Y	70	10		FPM	DM	SA
	30	128		40		GR	DA	80			APM	DA	
	40			50							SFM	TLPH	
	50											ZGBS	
	60												
	70												
	80												
	90												
	100												

Lighting Distribution



Details



Accessories - Adapter



Spigot size 76 to 60 mm

Leo

FC

IK09

IP66

LM79

RoHS
compliant



* 5050: LUMILEDS 5050; 3535: CREE XPG3; 3030: LUMILEDS 3030

Luminous Flux (Lm): The data provided has been tested under standard operating conditions. Actual performance may vary based on environmental factors, optical components/diffusers, and correlated color temperature (CCT).

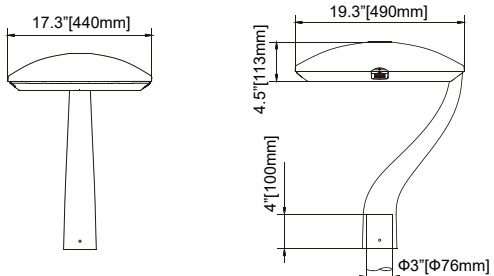


HYT-LED27D

Technical information

Parameter	Technical data	Parameter	Technical data
Lifetime	Up to 100,000hrs LM70,Ta 25 °C	Driver isolation	Class I or Class II
Wattags	20~100W	Control dimming	DALI / 1-10V / Timing / PWM
Light efficacy	Up to 128lm/W	Operating temperature	-35°C~50°C / 10% ~ 95% (humidity)
CRI	≥ 70 or ≥ 80	Body parts material	Die cast Aluminum
Color temperature	3000K, 4000K, 5000K	Optic	PC (standard) / PMMA (option)
Operation voltage	AC 100-277V	Front Cover	Flat tempered glass 5mm thickness
Frequency	50 / 60Hz	Gasket	Silicone
Power factor	≥0.95 cos	SDCM	3 or 5 MacAdam steps

Specification and dimension

Dimension						Model
						HYT-LED27D
Order code	Chip	LED QTY	Lens Type	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
22728	5050	16	4	20	2560	128
22729	5050	16	4	30	3840	128
22730	5050	24	4	40	5120	128
22731	5050	24	4	50	6400	128
22732	5050	32	4	60	7740	128
22733	5050	32	4	70	8050	115
22734	5050	48	4	80	9200	115
22735	5050	48	4	90	10350	115
22736	5050	48	4	100	11500	115

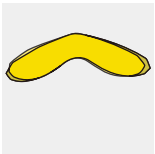
Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Leo	20	115	LV1	30	T4	BL	Y	70	10		FPM	DM	SA
	30	128		40	T5	GR	DA	80			APM	DA	
	40			50							SFM	TLPH	
	50											ZGBS	
	60												
	70												
	80												
	90												
	100												

Lighting Distribution

3535/5050





GL4T5



GL4T4

Details



Accessories - Adapter



Spigot size 76 to 60 mm

Balloon

FC

IK09

IP66

LM79

RoHS compliant



* 5050: LUMILEDS 5050; 3535: CREE XPG3; 3030: LUMILEDS 3030

Luminous Flux (Lm): The data provided has been tested under standard operating conditions. Actual performance may vary based on environmental factors, optical components/diffusers, and correlated color temperature (CCT).



HYT-LED95

Technical information

Parameter	Technical data	Parameter	Technical data
Lifetime	Up to 100,000hrs LM70,Ta 25 C	Driver isolation	Class I or Class II
Wattags	30~50W	Control dimming	DALI / 1-10V / Timing / PWM
Light efficacy	Up to 130lm/W	Operating temperature	-35℃~50℃ / 10% ~ 95% (humidity)
CRI	≥ 70 or ≥ 80	Body parts material	Die cast Aluminum
Color temperature	3000K, 4000K, 5000K	Optic	PC (standard) / PMMA (option)
Operation voltage	AC 100-277V	Front Cover	PC
Frequency	50 / 60Hz	Gasket	Silicone
Power factor	≥0.95 cos	SDCM	3 or 5 MacAdam steps

Specification and dimension

Dimension						Model
						HYT-LED95
Order code	Chip	LED QTY	Lens Type	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
29501	5050	24	24	30	3900	130
29502	5050	30	30	40	5200	130
29503	5050	36	36	50	6500	130

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Balloon	30	130	LV1	30	T2	BL	Y	70	10		FPM	DM	
	40			40	T5	GR	DA	80				DA	
	50			50									

Lighting Distribution

5050
36*1

G11C36-T2

C12C36-T5

Details

Stripe version

Module

Bamboo

FC | IK09 | IP66 |  LM79 |  RoHS compliant

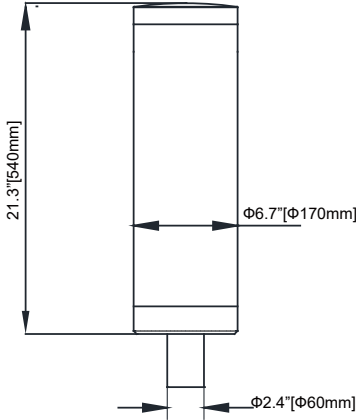


* 5050: LUMILEDS 5050; 3535: CREE XPG3; 3030: LUMILEDS 3030

Luminous Flux (Lm): The data provided has been tested under standard operating conditions. Actual performance may vary based on environmental factors, optical components/diffusers, and correlated color temperature (CCT).



HYT-LED95B



Technical information

Parameter	Technical data	Parameter	Technical data
Lifetime	Up to 100,000hrs LM70,Ta 25 C	Driver isolation	Class I or Class II
Wattags	30~50W	Control dimming	DALI / 1-10V / Timing / PWM
Light efficacy	Up to 130lm/W	Operating temperature	-35°C~50°C / 10% ~ 95% (humidity)
CRI	≥ 70 or ≥ 80	Body parts material	Die cast Aluminum
Color temperature	3000K, 4000K, 5000K	Optic	PC (standard) / PMMA (option)
Operation voltage	AC 100-277V	Front Cover	PC
Frequency	50 / 60Hz	Gasket	Silicone
Power factor	≥0.95 cos	SDCM	3 or 5 MacAdam steps

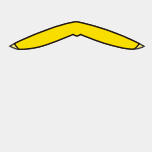
Specification

Order code	Chip	LED QTY	Lens Type	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
29504	5050	24	24	30	3900	130
29505	5050	30	30	40	5200	130
29506	5050	36	36	50	6500	130

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Bamboo	30	130	LV1	30	T3	BL	Y	70			FPM	DM	
	40			40	T5	GR	DA	80				DA	
	50			50									

Lighting Distribution

5050 36*1		
	G11C36-T3	C12C36-T5

Dragonfly

FC

IK09

IP66

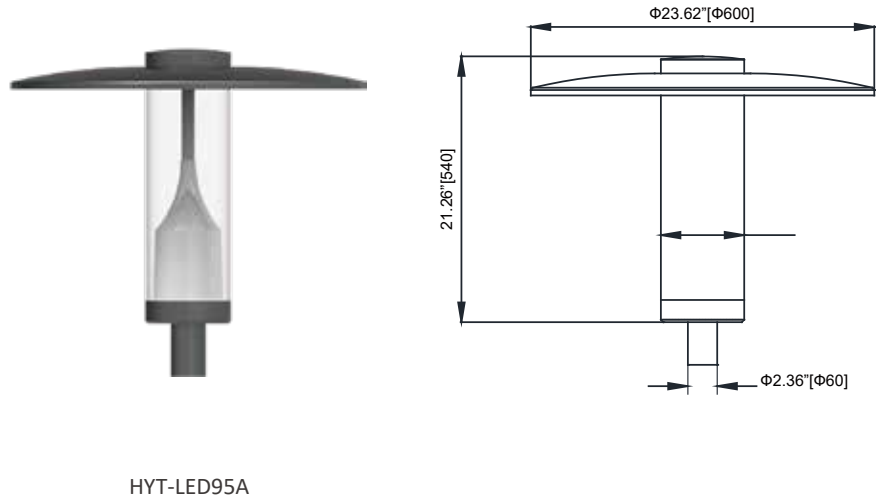
LM79

RoHS
compliant



* 5050: LUMILEDS 5050; 3535: CREE XPG3; 3030: LUMILEDS 3030

Luminous Flux (Lm): The data provided has been tested under standard operating conditions. Actual performance may vary based on environmental factors, optical components/diffusers, and correlated color temperature (CCT).



Technical information

Parameter	Technical data	Parameter	Technical data
Lifetime	Up to 100,000hrs LM70,Ta 25 C	Driver isolation	Class I or Class II
Wattags	30~50W	Control dimming	DALI / 1-10V / Timing / PWM
Light efficacy	Up to 130lm/W	Operating temperature	-35°C~50°C / 10% ~ 95% (humidity)
CRI	≥ 70 or ≥ 80	Body parts material	Die cast Aluminum
Color temperature	3000K, 4000K, 5000K	Optic	PC (standard) / PMMA (option)
Operation voltage	AC 100-277V	Front Cover	PC
Frequency	50 / 60Hz	Gasket	Silicone
Power factor	≥0.95 cos	SDCM	3 or 5 MacAdam steps

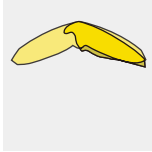
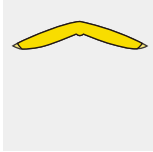
Specification

Order code	Chip	LED QTY	Lens Type	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
29507	5050	24	24	30	3900	130
29508	5050	30	30	40	5200	130
29509	5050	36	36	50	6500	130

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Dragonfly	30	130	LV1	30	T3	BL	Y	70			FPM	DM	
	40			40	T5	GR	DA	80				DA	
	50			50									

Lighting Distribution

5050 36*1		
	G11C36-T3	C12C36-T5

Candle

FC

IK09

IP66



LM79

 RoHS
compliant

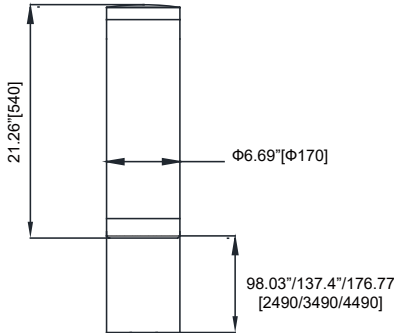


* 5050: LUMILEDS 5050; 3535: CREE XPG3; 3030: LUMILEDS 3030

Luminous Flux (Lm): The data provided has been tested under standard operating conditions. Actual performance may vary based on environmental factors, optical components/diffusers, and correlated color temperature (CCT).



HYT-LED95A



Technical information

Parameter	Technical data	Parameter	Technical data
Lifetime	Up to 100,000hrs LM70,Ta 25 C	Driver isolation	Class I or Class II
Wattags	30~50W	Control dimming	DALI / 1-10V / Timing / PWM
Light efficacy	Up to 130lm/W	Operating temperature	-35°C~50°C / 10% ~ 95% (humidity)
CRI	≥ 70 or ≥ 80	Body parts material	Die cast Aluminum
Color temperature	3000K, 4000K, 5000K	Optic	PC (standard) / PMMA (option)
Operation voltage	AC 100-277V	Front Cover	PC
Frequency	50 / 60Hz	Gasket	Silicone
Power factor	≥0.95 cos	SDCM	3 or 5 MacAdam steps

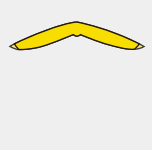
Specification

Order code	Chip	LED QTY	Lens Type	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
29510	5050	24	24	30	3900	130
29511	5050	30	30	40	5200	130
29512	5050	36	36	50	6500	130

Ordering Information

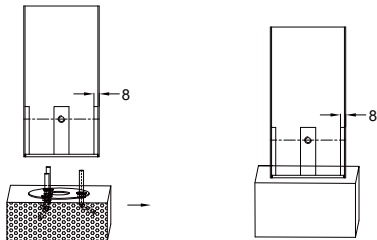
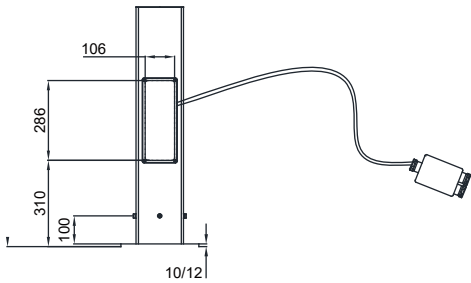
Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Candle	30	130	LV1	30	T3	BL	Y	70			FPM	DM	
	40			40	T5	GR	DA	80				DA	
	50			50									

Lighting Distribution

5050 36*1		
	G11C36-T3	C12C36-T5

Optional Accessories

Model	Code.20013001	Code.20014001
Image		
Other	PIR for Bollard Infrared Motion Sensor	Light bar for Bollard Color:RGBW



Freedom

CE | IK08 | IP65 | CB



Technical information

Parameter	Technical data	Parameter	Technical data
Lifetime	Up to 100,000hrs LM70,Ta 25 C	Driver isolation	Class I or Class II
Wattags	20~80W	Control dimming	DALI / 1-10V / Timing / PWM
Light efficacy	Up to 130lm/W	Operating temperature	-35℃~50℃ / 10% ~ 95% (humidity)
CRI	≥ 70 or ≥ 80	Body parts material	Die cast Aluminum
Color temperature	3000K, 4000K, 5000K	Optic	PC (standard) / PMMA (option)
Operation voltage	AC 100-277V	Front Cover	PC
Frequency	50 / 60Hz	Gasket	Silicone
Power factor	≥0.95 cos	SDCM	3 or 5 MacAdam steps

Specification

Order code	Chip	LED QTY	Lens Type	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
80101	5050	18	18	20	2600	130
80102	5050	18	18	30	3900	130
80103	5050	18	18	40	5200	130
80104	5050	36	36	50	6500	130
80105	5050	36	36	60	7800	130
80106	5050	36	36	70	9100	130
80107	5050	36	36	80	10400	130

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Freedom	20	130	LV1	30	T5	BL	Y	70			FPM	DM	
	30			40		GR	DA	80				DA	
	40			50									
	50												
	60												
	70												
	80												

FOUR TYPE

HYZH-01A

A



HYZH-01B

B



HYZH-01C

C



HYZH-01D

D



Smart light

Realizes the remote single lamp lighting, dimming, timing,and other control functions on the mobile phone or PC port. which facilitates refined management.

Camera

With a built-in high-definition camera, users can remotely monitor road images 24 hours a day through mobile phones or PC port.

WIFI

Install wi-fi AP hotspots devices through light poles, and surrounding users can realize Internet browsing by connecting to WIFI hotspots.

Broadcast audio

Built-in broadcast audio, which can remotely send audio and realize remote intercom.

Environmental sensing

Environmentally relevant monitoring of air temperature, humidity, wind speed, wind direction, precipitation, ultraviolet intensity, noise level, illuminance etc. is achieved by integrating various environmental monitoring sensors.

Outdoor LED display

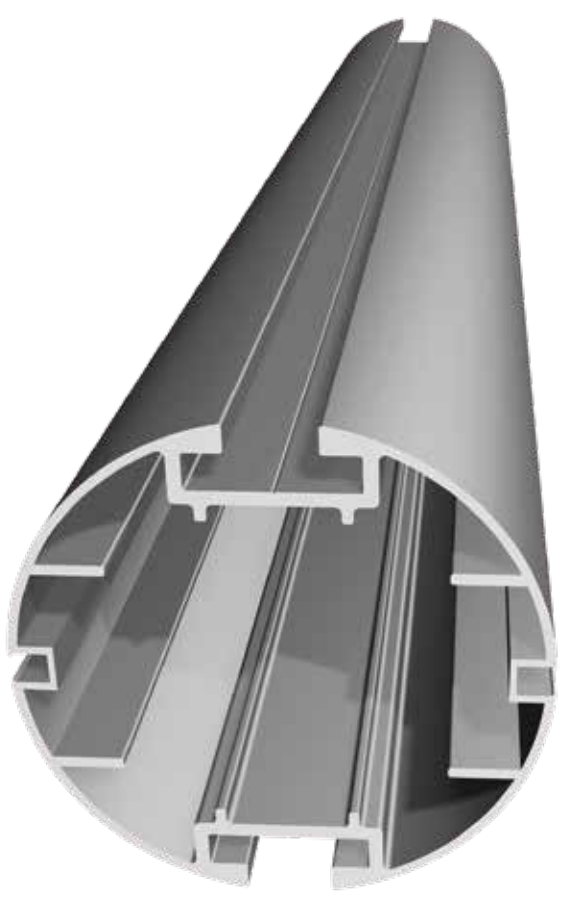
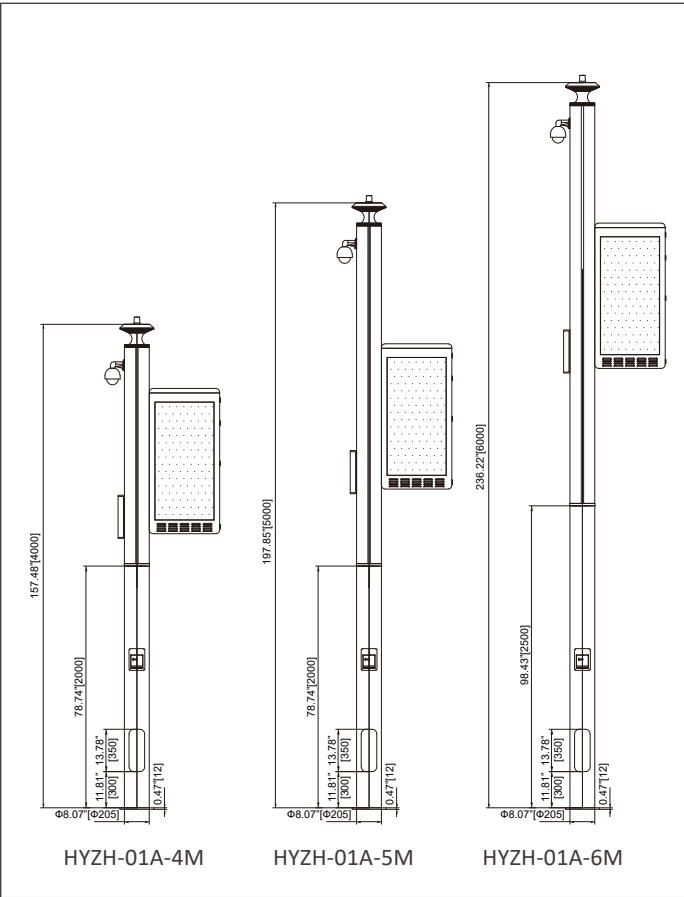
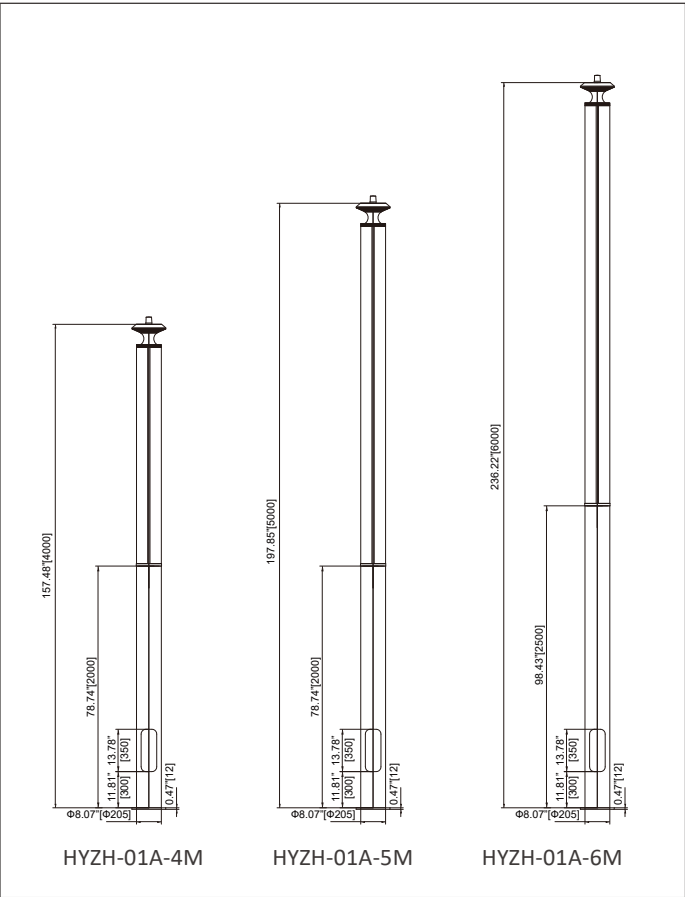
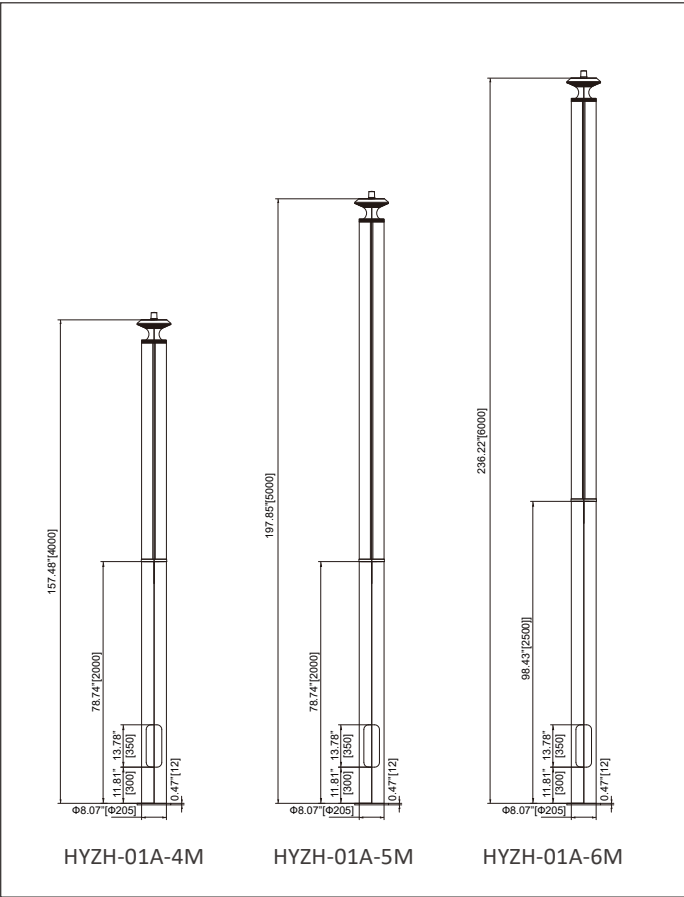
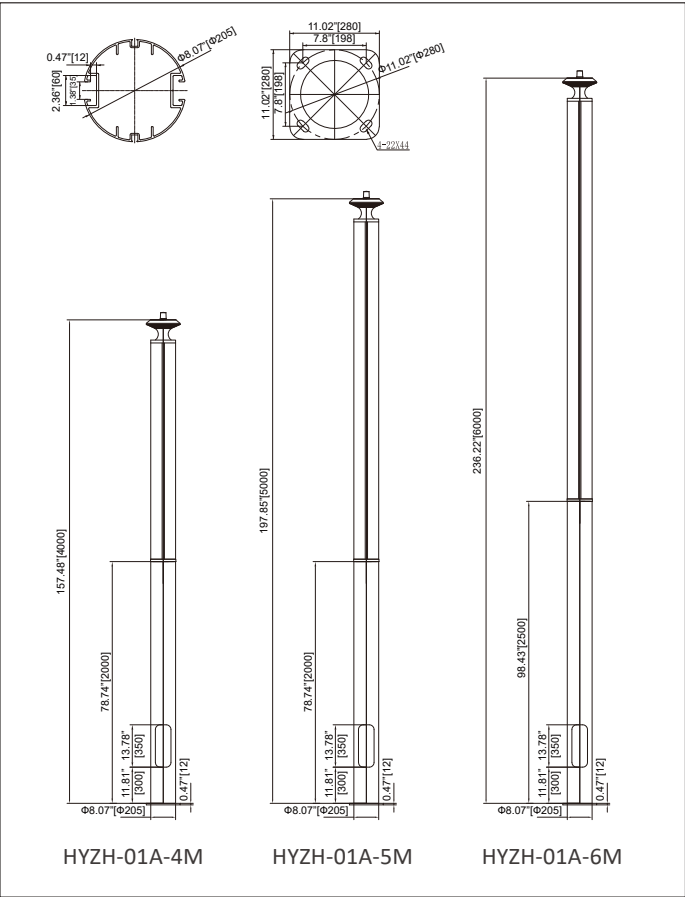
Support remote distribution of information, such as publishing park property management information, displaying real-time weather information, advertising information, etc.

Charging pile

Get electricity and network through the exist street lamps, realize remote management of charging piles on the PC ports, support charging reservations on the mobile phone,online payment and other information.

One key alarm

People in distress can quickly report the accident information through one key alarm. After receiving the information, the management center can immediately arrange personnel to deal with it.



Seamless integrated molding
The rod body adopts integrated molding technology, seamless process to improve the rigidity of the rod body

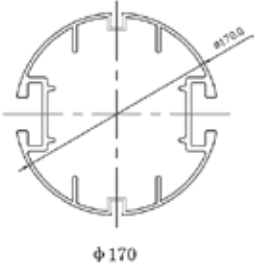
Rod body material
The rod body is designed with high quality aluminum alloy and its service life is not less than 20 years

Surface spraying treatment
Fluorocarbon spraying process, color is consistent, the surface of the rod has the ability of anti-fading, anti-cracking adhesion and finish strong, anti-scratching, anti-impact

Anti-corrosion treatment
Using hot dip galvanizing process for internal and external anticorrosion treatment with high corrosion resistance and wear resistance

Wind resistance class
Can withstand all kinds of bad weather environment, wind resistance grade up to 14

Unique design of profiled aluminum rod skillfully by the connection structure with strength, appearance and chic features of the future for at least 10 years extensible intelligent lighting, digital speakers, digital surveillance, information release, environmental monitoring, life channel, intelligent terminals, such as communication gateway to achieve more unity, one rod is multi-purpose. As a multi-purpose vehicle terminal services in digital city construction, meeting the demand of its functional diversity, space intensive.



Color



Straight



* 5050: LUMILEDS 5050; 3535: CREE XPG3; 3030: LUMILEDS 3030

Luminous Flux (Lm): The data provided has been tested under standard operating conditions. Actual performance may vary based on environmental factors, optical components/diffusers, and correlated color temperature (CCT).



HYT-LED97

Lighting Distribution



Technical information

Parameter	Technical data	Parameter	Technical data
Lifetime	Up to 100,000hrs LM70,Ta 25 °C	Driver isolation	Class I or Class II
Wattags	20~80W	Control dimming	DALI / 1-10V / Timing / PWM
Light efficacy	Up to 147lm/W	Operating temperature	-35°C~50°C / 10% ~ 95% (humidity)
CRI	≥ 70 or ≥ 80	Body parts material	Die cast Aluminum
Color temperature	3000K, 4000K, 5000K	Optic	PC (standard) / PMMA (option)
Operation voltage	AC 100-277V	Front Cover	PC
Frequency	50 / 60Hz	Gasket	Silicone
Power factor	≥0.95 cos	SDCM	3 or 5 MacAdam steps

Specification and dimension

Model		HYT-LED97-XS	HYT-LED97-S	HYT-LED97-M	HYT-LED97-L	
Image						
Dimension						
Order code	Chip	LED QTY	Lens Type	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
29701	5050	16	4	20	2940	147
29702	5050	16	4	40	5640	141
29703	5050	32	4	60	8460	141
29704	5050	32	4	80	11200	141
29705	3535	16	4	20	2940	147
29706	3535	16	4	40	5640	141
29707	3535	32	4	60	8460	141
29708	3535	32	4	80	11200	141

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Straight	20	141	LV1	30	T2	BL	Y	70			SPM	DM	
	40	147		40	T3	GR	DA	80				DA	
	60			50	T4								
	80												

Straight



* 5050: LUMILEDS 5050; 3535: CREE XPG3; 3030: LUMILEDS 3030

Luminous Flux (Lm): The data provided has been tested under standard operating conditions. Actual performance may vary based on environmental factors, optical components/diffusers, and correlated color temperature (CCT).



HYT-LED97A

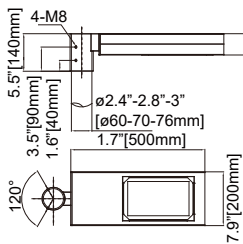
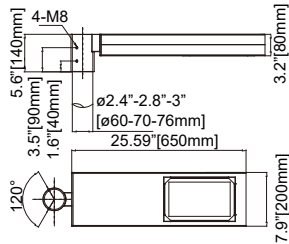
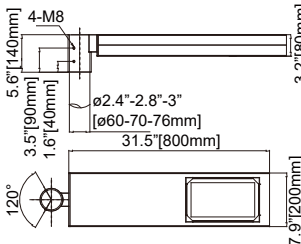
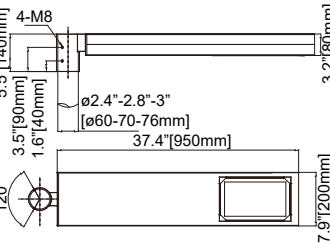
Lighting Distribution



Technical information

Parameter	Technical data	Parameter	Technical data
Lifetime	Up to 100,000hrs LM70,Ta 25 °C	Driver isolation	Class I or Class II
Wattags	20~80W	Control dimming	DALI / 1-10V / Timing / PWM
Light efficacy	Up to 147lm/W	Operating temperature	-35°C~50°C / 10% ~ 95% (humidity)
CRI	≥ 70 or ≥ 80	Body parts material	Die cast Aluminum
Color temperature	3000K, 4000K, 5000K	Optic	PC (standard) / PMMA (option)
Operation voltage	AC 100-277V	Front Cover	PC
Frequency	50 / 60Hz	Gasket	Silicone
Power factor	≥0.95 cos	SDCM	3 or 5 MacAdam steps

Specification and dimension

Model	HYT-LED97A-XS		HYT-LED97A-S		HYT-LED97A-M		HYT-LED97A-L	
Image								
Dimension								
Order code	Chip	LED QTY	Lens Type	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)		
29701	5050	16	4	20	2940	147		
29702	5050	16	4	40	5640	141		
29703	5050	32	4	60	8460	141		
29704	5050	32	4	80	11200	141		
29705	3535	16	4	20	2940	147		
29706	3535	16	4	40	5640	141		
29707	3535	32	4	60	8460	141		
29708	3535	32	4	80	11200	141		

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Straight A	20	141	LV1	30	T2	BL	Y	70			SPM	DM	
	40	147		40	T3	GR	DA	80				DA	
	60			50	T4								
	80												



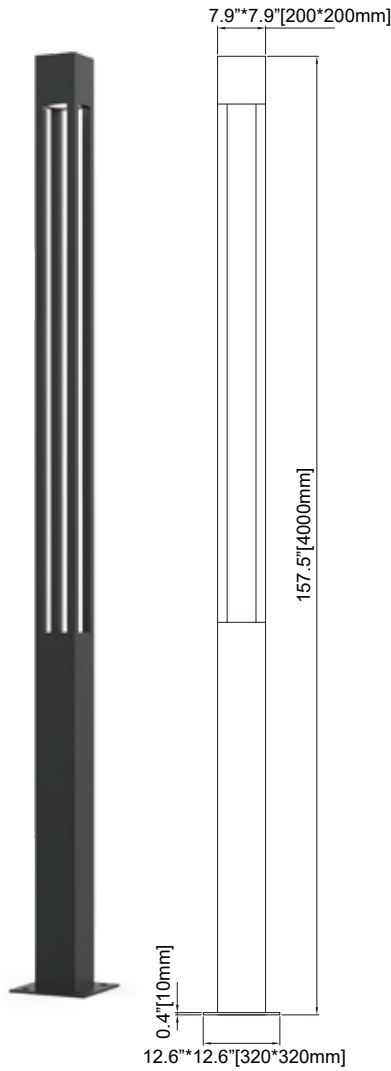
Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
StraightB	20	141	LV1	30	T2	BL	Y	70			SPM	DM	
	40	147		40	T3	GR	DA	80					
	60			50	T4								
	80												

Cruz

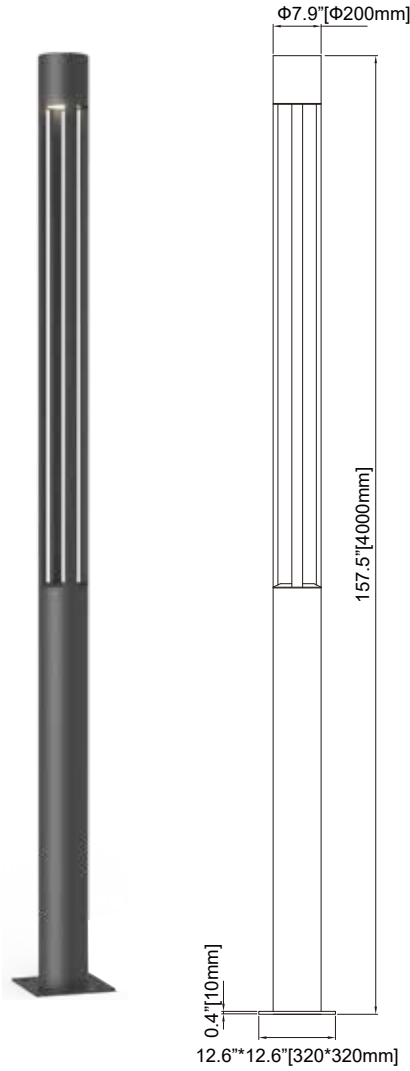


Technical information

Parameter	Technical data	Parameter	Technical data
Lifetime	Up to 100,000hrs LM70,Ta 25 C	Driver isolation	Class I or Class II
Wattags	30~50W	Control dimming	DALI / 1-10V / Timing / PWM
Light efficacy	Up to 120lm/W	Operating temperature	-35°C~50°C / 10% ~ 95% (humidity)
CRI	≥ 70 or ≥ 80	Body parts material	Die cast Aluminum + Extrusion Aluminum
Color temperature	3000K, 4000K, 5000K	Optic	PC (standard) / PMMA (option)
Operation voltage	AC 100-277V	Front Cover	Tempered glass
Frequency	50 / 60Hz	Gasket	Silicone
Power factor	≥0.8 cos	SDCM	3 or 5 MacAdam steps

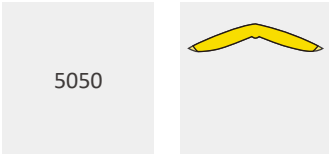


HYT-199A



HYT-199B

Lighting Distribution



* 5050: LUMILEDS 5050; 3535: CREE XPG3; 3030: LUMILEDS 3030

Luminous Flux (Lm): The data provided has been tested under standard operating conditions. Actual performance may vary based on environmental factors, optical components/diffusers, and correlated color temperature (CCT).

Specification

Order code	Chip	LED QTY	Lens Type	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
219901	5050	8	4	30	3900	120
219902	5050	8	4	40	5200	120
219903	5050	8	4	50	6500	120

Ordering Information

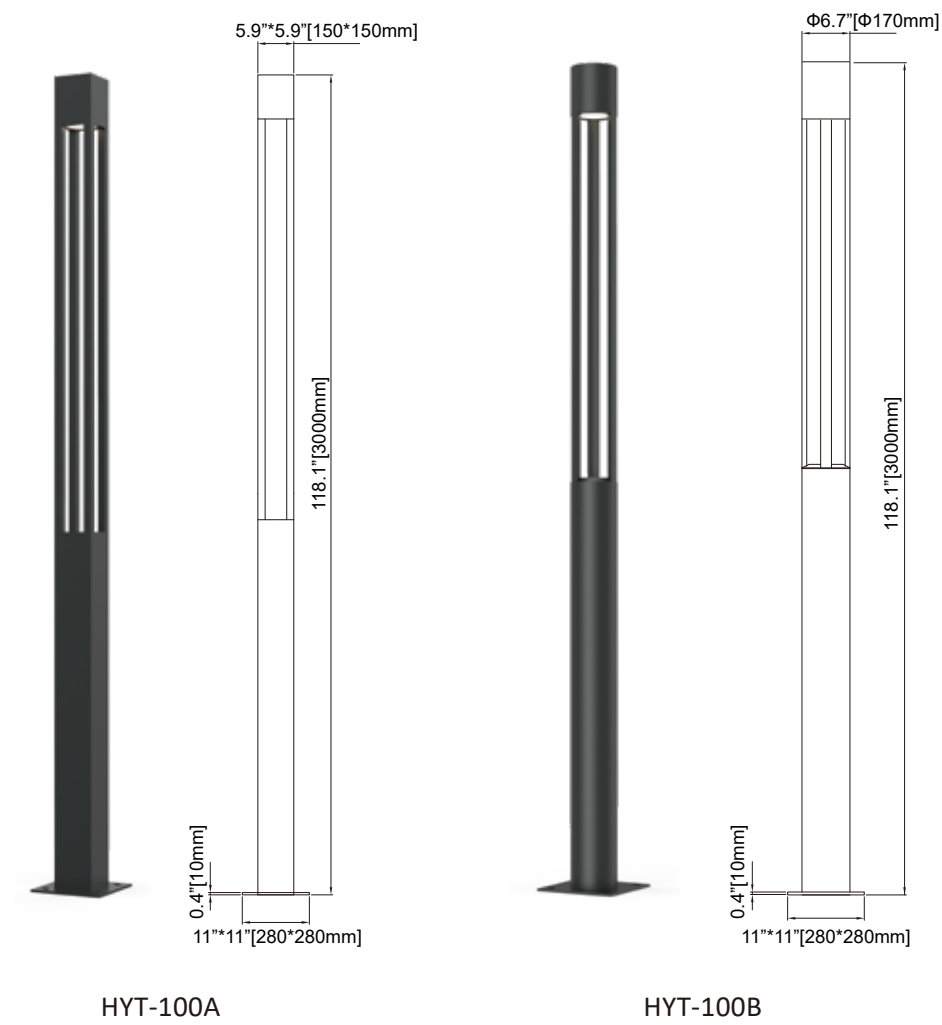
Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Cruz	30	120	LV1	30	T5	BL	Y	70			FPM	DM	
	40			40		GR	DA	80				DA	
	50			50									

Quo

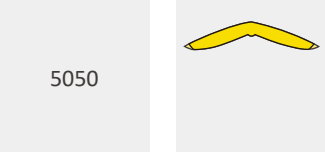


Technical information

Parameter	Technical data	Parameter	Technical data
Lifetime	Up to 100,000hrs LM70,Ta 25 C	Driver isolation	Class I or Class II
Wattags	30~50W	Control dimming	DALI / 1-10V / Timing / PWM
Light efficacy	Up to 120lm/W	Operating temperature	-35°C~50°C / 10% ~ 95% (humidity)
CRI	≥ 70 or ≥ 80	Body parts material	Die cast Aluminum
Color temperature	3000K, 4000K, 5000K	Optic	PC (standard) / PMMA (option)
Operation voltage	AC 100-277V	Front Cover	PC
Frequency	50 / 60Hz	Gasket	Silicone
Power factor	≥0.8 cos	SDCM	3 or 5 MacAdam steps



Lighting Distribution



* 5050: LUMILEDS 5050; 3535: CREE XPG3; 3030: LUMILEDS 3030

Luminous Flux (Lm): The data provided has been tested under standard operating conditions. Actual performance may vary based on environmental factors, optical components/diffusers, and correlated color temperature (CCT).

Specification

Order code	Chip	LED QTY	Lens Type	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
210001	5050	8	4	30	3900	120
210002	5050	8	4	40	5200	120
210003	5050	8	4	50	6500	120

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Quo	30	120	LV1	30	T5	BL	Y	70			FPM	DM	
	40			40		GR	DA	80				DA	
	50			50									

Hades

FC

IK09

IP66



LM79

 RoHS compliant



* 5050: LUMILEDS 5050; 3535: CREE XPG3; 3030: LUMILEDS 3030

Luminous Flux (Lm): The data provided has been tested under standard operating conditions. Actual performance may vary based on environmental factors, optical components/diffusers, and correlated color temperature (CCT).

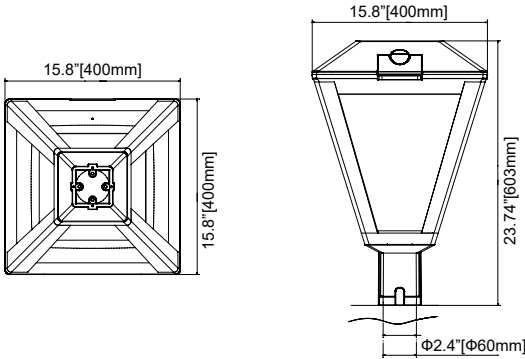


HYT-LED29

Technical information

Parameter	Technical data	Parameter	Technical data
Lifetime	Up to 100,000hrs LM70,Ta 25 C	Driver isolation	Class I or Class II
Wattags	20~100W	Control dimming	DALI / 1-10V / Timing / PWM
Light efficacy	Up to 128lm/W	Operating temperature	-35°C~50°C / 10% ~ 95% (humidity)
CRI	≥ 70 or ≥ 80	Body parts material	Die cast Aluminum
Color temperature	3000K, 4000K, 5000K	Optic	PC (standard) / PMMA (option)
Operation voltage	AC 100-277V	Front Cover	Flat tempered glass 5mm thickness
Frequency	50 / 60Hz	Gasket	Silicone
Power factor	≥0.95 cos	SDCM	3 or 5 MacAdam steps

Specification and dimension

Dimension						Model
						HYT-LED25
Order code	Chip	LED QTY	Lens Type	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
22701	5050	16	4	20	2560	128
22702	5050	16	4	30	3840	128
22703	5050	24	4	40	5120	128
22704	5050	24	4	50	6400	128
22705	5050	32	4	60	7740	128
22706	5050	32	4	70	8050	115
22707	5050	48	4	80	9200	115
22708	5050	48	4	90	10350	115
22709	5050	48	4	100	11500	115

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Hades	20	115	LV1	30	T4	BL	Y	70	10		FPM	DM	
	30	128		40	T5	GR	DA	80				DA	
	40			50									
	50												
	60												
	70												
	80												
	90												
	100												

Lighting Distribution

3535/5050





GL4T5



GL4T4

Details



Zues

FC

IK09

IP66

LM79

RoHS compliant



* 5050: LUMILEDS 5050; 3535: CREE XPG3; 3030: LUMILEDS 3030

Luminous Flux (Lm): The data provided has been tested under standard operating conditions. Actual performance may vary based on environmental factors, optical components/diffusers, and correlated color temperature (CCT).



HYT-LED29A

Technical information

Parameter	Technical data	Parameter	Technical data
Lifetime	Up to 100,000hrs LM70,Ta 25 C	Driver isolation	Class I or Class II
Wattags	20~100W	Control dimming	DALI / 1-10V / Timing / PWM
Light efficacy	Up to 128lm/W	Operating temperature	-35℃~50℃ / 10% ~ 95% (humidity)
CRI	≥ 70 or ≥ 80	Body parts material	Die cast Aluminum
Color temperature	3000K, 4000K, 5000K	Optic	PC (standard) / PMMA (option)
Operation voltage	AC 100-277V	Front Cover	Flat tempered glass 5mm thickness
Frequency	50 / 60Hz	Gasket	Silicone
Power factor	≥0.95 cos	SDCM	3 or 5 MacAdam steps

Specification and dimension

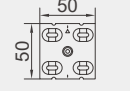
Dimension						Model
						HYT-LED29A
Order code	Chip	LED QTY	Lens Type	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
22910	5050	16	4	20	2560	128
22911	5050	16	4	30	3840	128
22912	5050	24	4	40	5120	128
22913	5050	24	4	50	6400	128
22914	5050	32	4	60	7740	128
22915	5050	32	4	70	8050	115
22916	5050	48	4	80	9200	115
22917	5050	48	4	90	10350	115
22918	5050	48	4	100	11500	115

Ordering Information

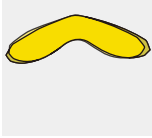
Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Zues	20	115	LV1	30	T4	BL	Y	70	10		TAM	DM	
	30	128		40	T5	GR	DA	80				DA	
	40			50								TLPH	
	50											ZGBS	
	60												
	70												
	80												
	90												
	100												

Lighting Distribution

3535/5050



5050



GL4T5



GL4T4

Details



Posedion

FC | IK09 | IP66 |  | LM79 |  RoHS compliant



* 5050: LUMILEDS 5050; 3535: CREE XPG3; 3030: LUMILEDS 3030

Luminous Flux (Lm): The data provided has been tested under standard operating conditions. Actual performance may vary based on environmental factors, optical components/diffusers, and correlated color temperature (CCT).

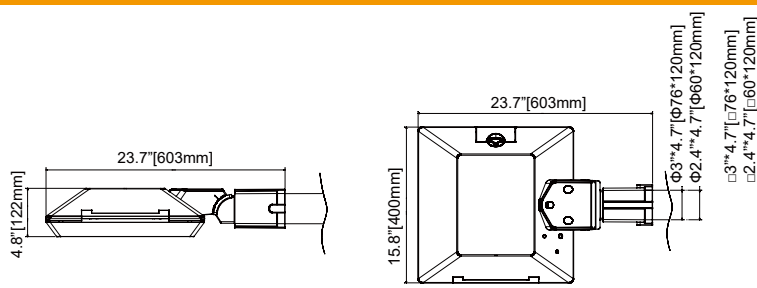


HYT-LED29B

Technical information

Parameter	Technical data	Parameter	Technical data
Lifetime	Up to 100,000hrs LM70,Ta 25 C	Driver isolation	Class I or Class II
Wattags	20~100W	Control dimming	DALI / 1-10V / Timing / PWM
Light efficacy	Up to 128lm/W	Operating temperature	-35°C~50°C / 10% ~ 95% (humidity)
CRI	≥ 70 or ≥ 80	Body parts material	Die cast Aluminum
Color temperature	3000K, 4000K, 5000K	Optic	PC (standard) / PMMA (option)
Operation voltage	AC 100-277V	Front Cover	Flat tempered glass 5mm thickness
Frequency	50 / 60Hz	Gasket	Silicone
Power factor	≥0.95 cos	SDCM	3 or 5 MacAdam steps

Specification and dimension

Dimension						Model
						HYT-LED29B
Order code	Chip	LED QTY	Lens Type	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
22919	5050	16	4	20	2560	128
22920	5050	16	4	30	3840	128
22921	5050	24	4	40	5120	128
22922	5050	24	4	50	6400	128
22923	5050	32	4	60	7740	128
22924	5050	32	4	70	8050	115
22925	5050	48	4	80	9200	115
22926	5050	48	4	90	10350	115
22927	5050	48	4	100	11500	115

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Posedion	20	115	LV1	30	T2	BL	Y	70	10		FPM	DM	
	30	128		40	T3	GR	DA	80			APM	DA	
	40			50	T4						SFM	TLPH	
	50											ZGBS	
	60												
	70												
	80												
	90												
	100												

Lighting Distribution



Details



Cookies

FC | IK09 | IP66 | ENEC | LM79 | RoHS compliant



* 5050: LUMILEDS 5050; 3535: CREE XPG3; 3030: LUMILEDS 3030
Luminous Flux (Lm): The data provided has been tested under standard operating conditions. Actual performance may vary based on environmental factors, optical components/diffusers, and correlated color temperature (CCT).

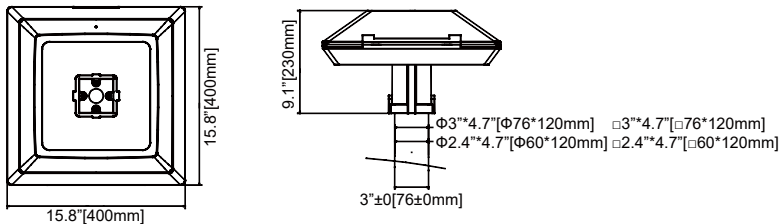


HYT-LED29C

Technical information

Parameter	Technical data	Parameter	Technical data
Lifetime	Up to 100,000hrs LM70,Ta 25 C	Driver isolation	Class I or Class II
Wattags	20~100W	Control dimming	DALI / 1-10V / Timing / PWM
Light efficacy	Up to 128lm/W	Operating temperature	-35℃~50℃ / 10% ~ 95% (humidity)
CRI	≥ 70 or ≥ 80	Body parts material	Die cast Aluminum
Color temperature	3000K, 4000K, 5000K	Optic	PC (standard) / PMMA (option)
Operation voltage	AC 100-277V	Front Cover	Flat tempered glass 5mm thickness
Frequency	50 / 60Hz	Gasket	Silicone
Power factor	≥0.95 cos	SDCM	3 or 5 MacAdam steps

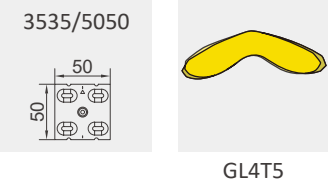
Specification and dimension

Dimension						Model
						HYT-LED29C
Order code	Chip	LED QTY	Lens Type	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
22928	5050	16	4	20	2560	128
22929	5050	16	4	30	3840	128
22930	5050	24	4	40	5120	128
22931	5050	24	4	50	6400	128
22932	5050	32	4	60	7740	128
22933	5050	32	4	70	8050	115
22934	5050	48	4	80	9200	115
22935	5050	48	4	90	10350	115
22936	5050	48	4	100	11500	115

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Cookies	20	115	LV1	30	T5	BL	Y	70	10		FPM	DM	
	30	128		40		GR	DA	80				DA	
	40			50								TLPH	
	50											ZGBS	
	60												
	70												
	80												
	90												
	100												

Lighting Distribution



Details



Ruso

FC

IK09

IP66

LM79

RoHS
compliant



* 5050: LUMILEDS 5050; 3535: CREE XPG3; 3030: LUMILEDS 3030

Luminous Flux (Lm): The data provided has been tested under standard operating conditions. Actual performance may vary based on environmental factors, optical components/diffusers, and correlated color temperature (CCT).

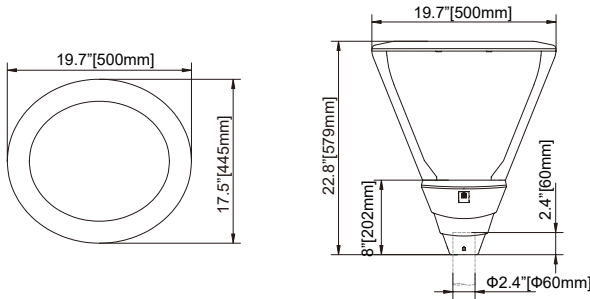


HYT-LED25

Technical information

Parameter	Technical data	Parameter	Technical data
Lifetime	Up to 100,000hrs LM70,Ta 25 °C	Driver isolation	Class I or Class II
Wattags	20~100W	Control dimming	DALI / 1-10V / Timing / PWM
Light efficacy	Up to 120lm/W	Operating temperature	-35°C~50°C / 10% ~ 95% (humidity)
CRI	≥ 70 or ≥ 80	Body parts material	Die cast Aluminum
Color temperature	3000K, 4000K, 5000K	Optic	PC (standard) / PMMA (option)
Operation voltage	AC 100-277V	Front Cover	Flat tempered glass 5mm thickness
Frequency	50 / 60Hz	Gasket	Silicone
Power factor	≥0.95 cos	SDCM	3 or 5 MacAdam steps

Specification and dimension

Dimension						Model
						HYT-LED25
Order code	Chip	LED QTY	Lens Type	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
22510	3030	56	14	20	2320	116
22511	3030	56	14	30	3390	113
22512	3030	56	14	40	4480	112
22513	3030	56	14	50	5450	109
22514	3030	84	14	60	6960	116
22515	3030	84	14	70	7910	113
22516	3030	84	14	80	8960	112
22517	3030	126	14	90	10350	115
22518	3030	126	14	100	10900	109

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Ruso	20	109	LV1	30	T4	BL	Y	70	10		TAM	DM	
	30	115		40	T5	GR	DA	80				DA	
	40	120		50									
	50												
	60												
	70												
	80												
	90												
	100												

Lighting Distribution



Details



Queen Pro

FC

IK09

IP66

LM79

RoHS compliant



* 5050: LUMILEDS 5050; 3535: CREE XPG3; 3030: LUMILEDS 3030

Luminous Flux (Lm): The data provided has been tested under standard operating conditions. Actual performance may vary based on environmental factors, optical components/diffusers, and correlated color temperature (CCT).



HYT-LED99

Technical information

Parameter	Technical data	Parameter	Technical data
Lifetime	Up to 100,000hrs LM70,Ta 25 C	Driver isolation	Class I or Class II
Wattags	30~80W	Control dimming	DALI / 1-10V / Timing / PWM
Light efficacy	Up to 129lm/W	Operating temperature	-40℃~50℃ / 10% ~ 90% (humidity)
CRI	≥ 70 or ≥ 80	Body parts material	Die cast Aluminum
Color temperature	3000K, 4000K, 5000K	Optic	PC (standard) / PMMA (option)
Operation voltage	AC 100-277V	Front Cover	Flat tempered glass 5mm thickness
Frequency	50 / 60Hz	Gasket	Silicone
Power factor	≥0.9 cos	SDCM	3 or 5 MacAdam steps

Specification and dimension

Dimension					Model	
					HYT-LED99	
Order code	Chip	LED QTY	Lens Type	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
29901	5050	12	4	30	3810	127
29902	5050	24	4	60	7620	127
29903	5050	36	4	80	10320	129

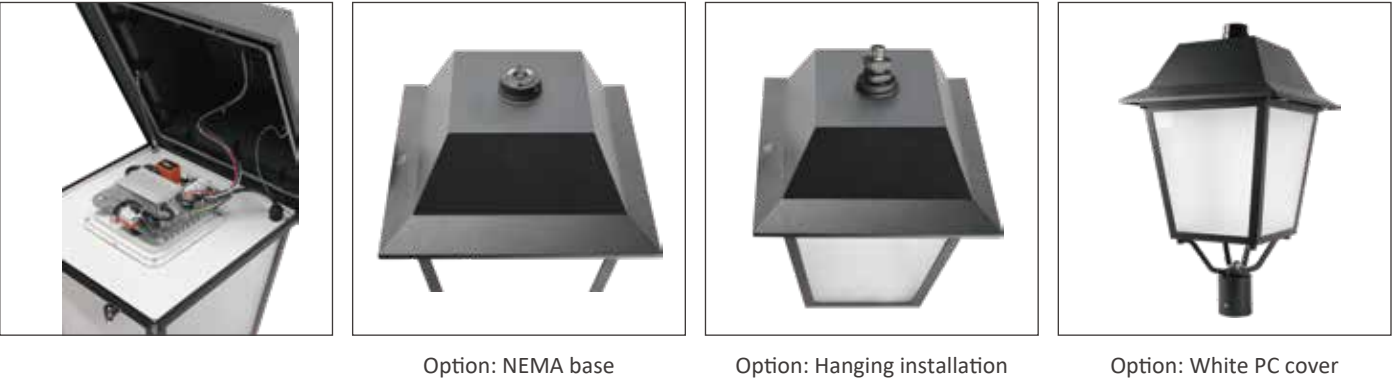
Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
QueenPro	30	127	LV1	30	T4	BL	Y	70			FPM	DM	
	60	129		40	T5	GR	DA	80				DA	
	80			50									

Lighting Distribution



Details



Romani

FC | IK10 | IP66 | 



* 5050: LUMILEDS 5050; 3535: CREE XPG3; 3030: LUMILEDS 3030

Luminous Flux (Lm): The data provided has been tested under standard operating conditions. Actual performance may vary based on environmental factors, optical components/diffusers, and correlated color temperature (CCT).

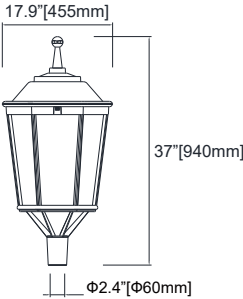


HYT-LED90

Technical information

Parameter	Technical data	Parameter	Technical data
Lifetime	Up to 100,000hrs LM70,Ta 25 °C	Driver isolation	Class I
Wattags	20~100W	Control dimming	DALI / 1-10V / Timing / PWM
Light efficacy	Up to 110lm/W	Operating temperature	-35°C~50°C / 10% ~ 95% (humidity)
CRI	≥ 70 or ≥ 80	Body parts material	Die cast Aluminum
Color temperature	3000K, 4000K, 5000K	Optic	PC (standard) / PMMA (option)
Operation voltage	AC 100-277V	Front Cover	PC
Frequency	50 / 60Hz	Gasket	Silicone
Power factor	≥0.95 cos	SDCM	3 or 5 MacAdam steps

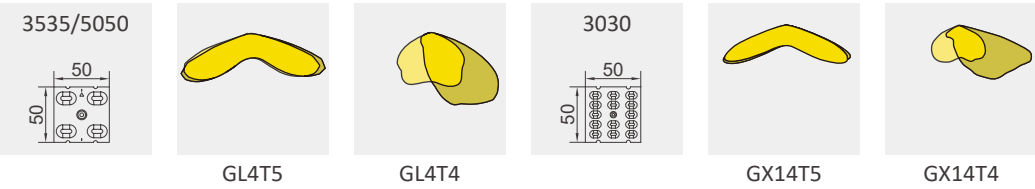
Specification and dimension

Dimension						Model
						HYT-LED90
Order code	Chip	LED QTY	Lens Type	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
29001	5050	24	4	40	4400	110
29002	5050	24	4	60	6600	110
29003	5050	36	4	80	8800	110
29004	5050	36	4	100	11000	110
29005	3535	24	4	40	4400	110
29006	3535	24	4	60	6600	110
29007	3535	36	4	80	8800	110
29008	3535	36	4	100	11000	110
29009	3030	84	14	60	6000	100
29010	3030	126	14	80	8000	100
29011	3030	126	14	100	10000	100

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Romani	40	100	LV1	30	T4	BL	Y	70			FPM	DM	
	60	110		40	T5	GR		80					
	80			50									
	100												

Lighting Distribution



Details



Bugle

FC | SAA |  | LM79 |  RoHS compliant



* 5050: LUMILEDS 5050; 3535: CREE XPG3; 3030: LUMILEDS 3030
Luminous Flux (Lm): The data provided has been tested under standard operating conditions. Actual performance may vary based on environmental factors, optical components/diffusers, and correlated color temperature (CCT).



HYT-LED09S

HYT-LED09B

Technical information

Parameter	Technical data	Parameter	Technical data
Lifetime	Up to 100,000hrs LM70,Ta 25 C	Driver isolation	Class I
Wattags	40~100W	Control dimming	DALI / 1-10V / Timing / PWM
Light efficacy	Up to 140lm/W	Operating temperature	-35°C~50°C / 10% ~ 95% (humidity)
CRI	≥ 70 or ≥ 80	Body parts material	Die cast Aluminum
Color temperature	3000K, 4000K, 5000K	Optic	PC (standard) / PMMA (option)
Operation voltage	AC 100-277V	Front Cover	Flat tempered glass 5mm thickness
Frequency	50 / 60Hz	Gasket	Silicone
Power factor	≥0.95 cos	SDCM	3 or 5 MacAdam steps

Specification and dimension

Dimension						Model
						HYT-LED09S
Order code	Chip	LED QTY	Lens Type	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
20901	5050	16	4	30	4110	140
20902	3535	16	4	30	3930	130
20903	3030	56	14	40	4880	120

Dimension						Model
						HYT-LED09B
Order code	Chip	LED QTY	Lens Type	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
20904	5050	24	4	40	5360	140
20905	5050	24	4	60	7620	130
20906	5050	36	4	80	10080	140

Specification and dimension

Order code	Chip	LED QTY	Lens Type	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
20907	5050	36	4	100	12400	140
20908	3535	24	4	40	5360	130
20909	3535	24	4	60	7620	130
20910	3535	36	4	80	10080	130
20911	3535	36	4	100	12400	130
20912	3030	84	14	60	7920	120
20913	3030	126	14	80	9760	120
20914	3030	126	14	100	11700	120

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
BugleS	30	120	LV1	30	T4	BL	Y	70			SAM	DM	
	40			40	T5	GR	DA	80			TAM	DA	
BugleB	40	140		50							WAM		
	60												
	80												
	100												

Lighting Distribution

3535/5050

GL4T5

GL4T4

3030

GX14T5

GX14T4

Details



Bugs

FC | IK10 | IP66 | 



* 5050: LUMILEDS 5050; 3535: CREE XPG3; 3030: LUMILEDS 3030

Luminous Flux (Lm): The data provided has been tested under standard operating conditions. Actual performance may vary based on environmental factors, optical components/diffusers, and correlated color temperature (CCT).



HYT-LED09C

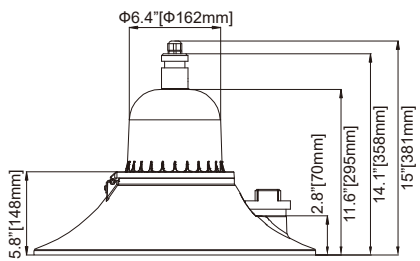


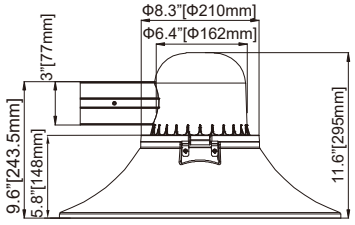
HYT-LED09H

Technical information

Parameter	Technical data	Parameter	Technical data
Lifetime	Up to 100,000hrs LM70,Ta 25 °C	Driver isolation	Class I
Wattags	40~100W	Control dimming	DALI / 1-10V / Timing / PWM
Light efficacy	Up to 134lm/W	Operating temperature	-35°C~50°C / 10% ~ 95% (humidity)
CRI	≥ 70 or ≥ 80	Body parts material	Die cast Aluminum
Color temperature	3000K, 4000K, 5000K	Optic	PC (standard) / PMMA (option)
Operation voltage	AC 100-277V	Front Cover	Flat tempered glass 5mm thickness
Frequency	50 / 60Hz	Gasket	Silicone
Power factor	≥0.95 cos	SDCM	3 or 5 MacAdam steps

Specification and dimension

Dimension						Model
						HYT-LED09C
Order code	Chip	LED QTY	Lens Type	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
20915	5050	24	4	40	5360	134
20916	5050	24	4	60	7620	127
20917	5050	36	4	80	10080	126
20918	5050	36	4	100	12400	124

Dimension						Model
						HYT-LED09H
Order code	Chip	LED QTY	Lens Type	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
20919	3535	24	4	40	5360	134
20920	3535	24	4	60	7620	127
20921	3535	36	4	80	10080	126

Hera

Specification and dimension

Order code	Chip	LED QTY	Lens Type	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
20922	3535	36	4	100	12400	124
20923	3030	84	14	60	7920	132
20924	3030	126	14	80	9760	122
20925	3030	126	14	100	11700	117

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Bugs	40	114	LV1	30	T4	BL	Y	70			SAM	DM	
	60	124		40	T5	GR	DA	80			TAM	DA	
	80	126		50							WAM		
	100	134											

Lighting Distribution

3535/5050



GL4T5



GL4T5



GL4T4

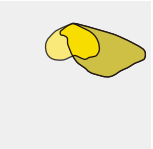
3030



GX14T5



GX14T5



GX14T4

Details



* 5050: LUMILEDS 5050; 3535: CREE XPG3; 3030: LUMILEDS 3030

Luminous Flux (Lm): The data provided has been tested under standard operating conditions. Actual performance may vary based on environmental factors, optical components/diffusers, and correlated color temperature (CCT).



HYT-LED28

Technical information

Parameter	Technical data	Parameter	Technical data
Lifetime	Up to 100,000hrs LM70,Ta 25 C	Driver isolation	Class I or Class II
Wattags	20~100W	Control dimming	DALI / 1-10V / Timing / PWM
Light efficacy	Up to 128lm/W	Operating temperature	-35℃~50℃ / 10% ~ 95% (humidity)
CRI	≥ 70 or ≥ 80	Body parts material	Die cast Aluminum
Color temperature	3000K, 4000K, 5000K	Optic	PC (standard) / PMMA (option)
Operation voltage	AC 120-277V	Front Cover	PC (standard)
Frequency	50 / 60Hz	Gasket	Silicone
Power factor	≥0.95 cos	SDCM	3 or 5 MacAdam steps

Specification and dimension

Dimension						Model
						HYT-LED28
Order code	Chip	LED QTY	Lens Type	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
22801	5050	16	4	20	2560	128
22802	5050	16	4	30	3840	128
22803	5050	24	4	40	5120	128
22804	5050	24	4	50	6400	128
22805	5050	32	4	60	7740	120
22806	5050	32	4	70	8050	115
22807	5050	48	4	80	9200	115
22808	5050	48	4	90	10350	115
22809	5050	48	4	100	11500	115

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Hera	20	115	LV1	30	T4	BL	Y	70	10		FPM	DM	SA
	30	128		40	T5	GR		80					
	40			50									
	50												
	60												
	70												
	80												
	90												
	100												

Lighting Distribution

3535/5050

GH4T4

GH4T5

Accessories - Adapter



Spigot size 76 to 60 mm

Telepo



* 5050: LUMILEDS 5050; 3535: CREE XPG3; 3030: LUMILEDS 3030

Luminous Flux (Lm): The data provided has been tested under standard operating conditions. Actual performance may vary based on environmental factors, optical components/diffusers, and correlated color temperature (CCT).



HYT-LED28B

Technical information

Parameter	Technical data	Parameter	Technical data
Lifetime	Up to 100,000hrs LM70,Ta 25 °C	Driver isolation	Class I or Class II
Wattags	20~100W	Control dimming	DALI / 1-10V / Timing / PWM
Light efficacy	Up to 128lm/W	Operating temperature	-35°C~50°C / 10% ~ 95% (humidity)
CRI	≥ 70 or ≥ 80	Body parts material	Die cast Aluminum
Color temperature	3000K, 4000K, 5000K	Optic	PC (standard) / PMMA (option)
Operation voltage	AC 120-277V	Front Cover	PC (standard)
Frequency	50 / 60Hz	Gasket	Silicone
Power factor	≥0.95 cos	SDCM	3 or 5 MacAdam steps

Specification and dimension

Dimension						Model
						HYT-LED28B
Order code	Chip	LED QTY	Lens Type	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
22811	5050	16	4	20	2560	128
22812	5050	16	4	30	3840	128
22813	5050	24	4	40	5120	128
22814	5050	24	4	50	6400	128
22815	5050	32	4	60	7740	128
22816	5050	32	4	70	8050	115
22817	5050	48	4	80	9200	115
22818	5050	48	4	90	10350	115
22819	5050	48	4	100	11500	115

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Telepo	20	115	LV1	30	T4	BL	Y	70	10		FPM	DM	SA
	30	128		40	T5	GR	DA	80				DA	
	40			50									
	50												
	60												
	70												
	80												
	90												
	100												

Lighting Distribution



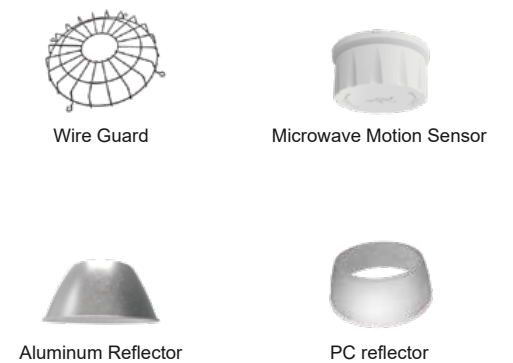
Accessories - Adapter



Spigot size 76 to 60 mm



Helios II

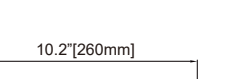


Technical information

Parameter	Technical data	Parameter	Technical data
Lifetime	Up to 50,000hrs LM70,Ta 25°C	Location	Wet Location
Wattags	100~240W	Control dimming	0-10V/Microwave Sensor
Light efficacy	Up to 140lm/W	Operating temperature	-35°C~50°C / 10% ~ 95% (humidity)
CRI	≥ 80	Body parts material	Die cast Aluminum + Extrusion Aluminum
Color temperature	3000K, 4000K, 5000K, CCT Selectable	Optic	N/A
Operation voltage	120-277V/120-347V	Front Cover	PC
Frequency	50 / 60Hz	Gasket	Silicone
Power factor	≥0.9	SDCM	3 or 5 MacAdam steps

Specification and dimension

Dimension Model



HYTHB-LED02-100W



HYTHB-LED02-150W

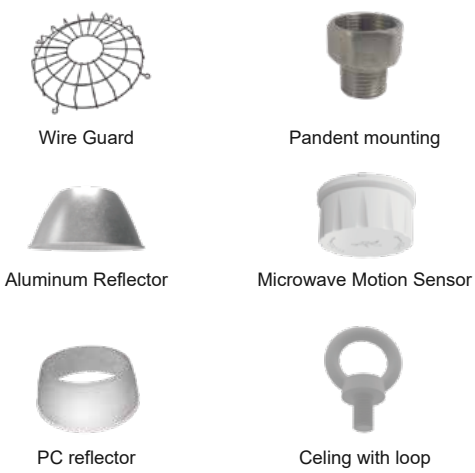


HYTHB-LED02-240W

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Helios II	100	140	LV2	30	0	BL	Y	80	10		PM	DM DCOS MW	WG RC
	150		40										
	240		50										
			30/40/50										

Helios III



Technical information

Parameter	Technical data	Parameter	Technical data
Lifetime	Up to 50,000hrs LM70,Ta 25 C	Location	Wet Location
Wattags	100~240W	Control dimming	0-10V/Microwave Sensor
Light efficacy	Up to 140lm/W	Operating temperature	-35°C~50°C / 10% ~ 95% (humidity)
CRI	≥ 80	Body parts material	Die cast Aluminum + Extrusion Aluminum
Color temperature	3000K, 4000K, 5000K,CCT Selectable	Optic	PC (standard) / PMMA (option)
Operation voltage	AC 120-277V/120-347V	Front Cover	Tempered glass
Frequency	50 / 60Hz	Gasket	Silicone
Power factor	≥0.95	SDCM	3 or 5 MacAdam steps

Specification and dimension

Dimension Model						
HYTHB-LED03-150W HYTHB-LED03-200W HYTHB-LED03-240W						
Order code	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	Input voltage	Dimming	Beam Angle
300801	150	21000	> 140	120-277V / 120-347V	0-10V	80°
300802	200	28000	> 140	120-277V / 120-347V	0-10V	80°
300803	240	33600	> 140	120-277V / 120-347V	0-10V	80°

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Helios III	100	140	LV2	30	0	BL	Y	80	10		PM	DM DCOS MW	WG RC
	150		MV1	40									
	240			50									
				30/40/50									

Canopy light



Atlas S I



Technical information

Parameter	Technical data	Parameter	Technical data
Lifetime	Up to 50,000hrs LM70,Ta 25 °C	Location	Wet Location
Wattags	40~75W	Control dimming	0-10V/Microwave Sensor
Light efficacy	Up to 135lm/W	Operating temperature	-35°C~50°C / 10% ~ 95% (humidity)
CRI	≥ 80	Body parts material	Die cast Aluminum
Color temperature	3000K, 4000K, 5000K,CCT Selectable	Optic	N/A
Operation voltage	120-277V	Front Cover	PC
Frequency	50 / 60Hz	Gasket	Silicone
Power factor	≥0.92	SDCM	5 MacAdam steps

Specification and dimension

Dimension	Code	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	CCT	Input voltage	Beam Angle	Dimming
	700101	40	4640	116	3000K, 4000K, 5000K	AC 120-277V	135°	0-10V
	700102	60	6960	116	3000K, 4000K, 5000K	AC 120-277V	135°	0-10V
	700103	75	7725	103	3000K, 4000K, 5000K	AC 120-277V	135°	0-10V
	700104	75/60/50/40 Selectable	10125/8100/6750/5400 Selectable	135	3000K, 4000K, 5000K Selectable	AC 120-277V	135°	0-10V
	700105	75/65/55/45 Selectable	10125/8775/7425/6075 Selectable	135	3000K, 4000K, 5000K Selectable	AC 120-277V	135°	0-10V

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Atlas S I	40	103	LV2	30	0	BL	Y	80			MP	DM	
	60	116		40		WH							
	75	135		50									
40-50-60-75				30/40/50									
45-55-65-75													

Atlas R I



Technical information

Parameter	Technical data	Parameter	Technical data
Lifetime	Up to 50,000hrs LM70,Ta 25 °C	Location	Wet Location
Wattags	40~75W	Control dimming	0-10V/MW Sensor
Light efficacy	Up to 155lm/W	Operating temperature	-35°C~50°C / 10% ~ 95% (humidity)
CRI	≥ 80	Body parts material	Die cast Aluminum
Color temperature	3000K, 4000K,5000K,CCT Selectable	Optic	N/A
Operation voltage	120-277V	Front Cover	PC
Frequency	50 / 60Hz	Gasket	Silicone
Power factor	≥0.92	SDCM	5 MacAdam steps

Specification and dimension

Dimension	Code	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	CCT	Input voltage	Beam Angle	Dimming
	700201	40	5400	135	3000K, 4000K, 5000K	AC 120-277V	135°	0-10V
	700202	60	8100	135	3000K, 4000K, 5000K	AC 120-277V	135°	0-10V
	700203	75	10125	135	3000K, 4000K, 5000K	AC 120-277V	135°	0-10V
	700204	75/60/50/40 Selectable	10125/8100/6750/5400 Selectable	135	3000K, 4000K, 5000K Selectable	AC 120-277V	135°	0-10V
	/	/	/	/	/	/	/	/

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Atlas R I	40	135	LV2	30	0	BL	Y	80			MP	DM	RC
	60			40		WH						DCOS	
	75			50								MW	
40-50-60-75				30/40/50									

Atlas S II



HYTCP-LED03



Microwave Motion Sensor



PIR Sensor

Technical information

Parameter	Technical data	Parameter	Technical data
Lifetime	Up to 50,000hrs LM70,Ta 25 °C	Location	Wet Location
Wattags	20~100W	Control dimming	0-10V/MW/PIR Sensor
Light efficacy	Up to 135lm/W	Operating temperature	-35°C~50°C / 10% ~ 95% (humidity)
CRI	≥ 80	Body parts material	PC+ABS
Color temperature	3000K, 4000K, 5000K,CCT Selectable	Optic	N/A
Operation voltage	AC 120-277V/120-347V	Front Cover	PCS
Frequency	50 / 60Hz	Gasket	Thermal Conductive Glue
Power factor	≥0.9	SDCM	5 MacAdam steps

Specification and dimension

Dimension	Code	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	Beam Angle	CCT
	700301	40	5400	135	150°	3000K, 4000K, 5000K
		30				
		20				
	700302	80	10800	135	150°	3000K, 4000K, 5000K
		60				
	700303	100	13500	135	150°	3000K, 4000K, 5000K
		80				
		60				

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Atlas S II	20-30-40	135	LV2	30	0	BL	Y	80			MP	DM	RC
	40-60-80			40								DCOS	
	60-80-100			50								PIR	
	30/40/50			MW									

Atlas R II



HYTCP-LED04



Microwave Motion Sensor



Microwave Motion Sensor (Zhaga)



PIR Sensor

Technical information

Parameter	Technical data	Parameter	Technical data
Lifetime	Up to 50,000hrs LM70,Ta 25 °C	Location	Wet Location
Wattags	80~300W	Control dimming	0-10V/MW/PIR Sensor
Light efficacy	Up to 135lm/W	Operating temperature	-35°C~50°C / 10% ~ 95% (humidity)
CRI	≥ 80	Body parts material	PC+ABS
Color temperature	3000K, 4000K,5000K,CCT Selectable	Optic	N/A
Operation voltage	AC 120-277V/120-347V	Front Cover	PCS
Frequency	50 / 60Hz	Gasket	Thermal Conductive Glue
Power factor	≥0.9	SDCM	5 MacAdam steps

Specification and dimension

Dimension Model	Code	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	Beam Angle	CCT
	700401	80	11600	135	90°	3000K, 4000K, 5000K
	700402	110	15950	135	90°	3000K, 4000K, 5000K
	700403	165	23925	135	90°	3000K, 4000K, 5000K
	700404	220	31900	135	90°	3000K, 4000K, 5000K
	700405	225	32625	135	90°	3000K, 4000K, 5000K
	700406	300	43500	135	90°	3000K, 4000K, 5000K

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Atlas R II	80	135	LV2	30	0	BL	Y	80			MP	DM	RC
	110			40		WH						DCOS	
	165			50		PIR							
220	30/40/50			MW									
225				ZGBS									
	300												

Atlas S III



Technical information

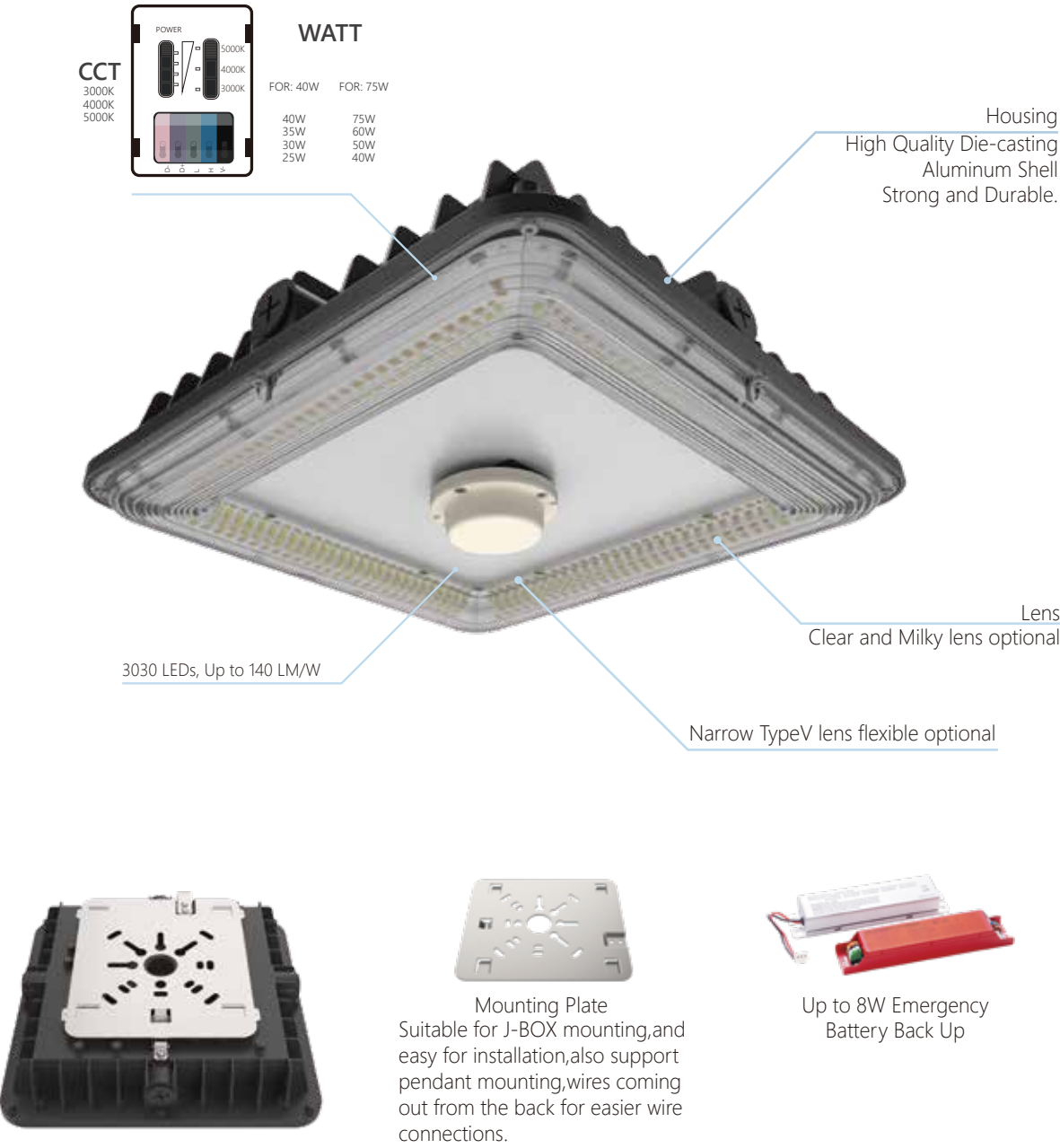
Parameter	Technical data	Parameter	Technical data
Lifetime	Up to 100,000hrs LM70,Ta 25 ℃	Location	Wet Location
Wattags	25~75W	Control dimming	0-10V/MW/PIR
Light efficacy	Up to 140lm/W	Operating temperature	-35℃~50℃ / 10% ~ 95% (humidity)
CRI	≥ 70	Body parts material	Die cast Aluminum
Color temperature	3000K, 4000K, 5000K,CCT Selectable	Optic	N/A
Operation voltage	AC 120-277V / 120-347V	Front Cover	PC
Frequency	50 / 60Hz	Gasket	Silicone
Power factor	≥0.9	SDCM	5 MacAdam steps

Specification and dimension

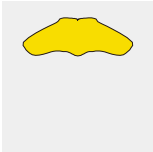
Dimension Model	Code	Power (W)	Luminaire output flux (lm)	CCT
	700501	40/35/30/25 Selectable	5600/4900/4200/3500	3000K, 4000K, 5000K Selectable
	700502	40/35/30/25 Selectable	5600/4900/4200/3500	3000K, 4000K, 5000K Selectable
	700503	75/60/50/40 Selectable	10500/8400/7000/5600	3000K, 4000K, 5000K Selectable
	700504	75/60/50/40 Selectable	10500/8400/7000/5600	3000K, 4000K, 5000K Selectable
	/	/	/	/

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories						
Atlas S III	25-30-35-40	140	LV2	30	0	BL	Y	80			MP	DM	EM						
	40-50-60-75		LV4	40								WH	DCOS	RC					
				50								PIR							
				30/40/50								MW							
												ZGBS							



Lighting Distribution



EOS



HYTDD-LED01



Technical information

Parameter	Technical data	Parameter	Technical data
Lifetime	Up to 50,000hrs LM70,Ta 25 °C	Location	Wet Location
Wattags	50~70W	Control dimming	0-10V / Photocell
Light efficacy	Up to 140lm/W	Operating temperature	-35°C~50°C / 10% ~ 95% (humidity)
CRI	≥ 75	Body parts material	Die cast Aluminum
Color temperature	3000K, 4000K, 5000K,CCT Selectable	Optic	N/A
Operation voltage	AC 120-277V	Front Cover	Tempered glass
Frequency	50 / 60Hz	Gasket	Silicone
Power factor	≥0.92	SDCM	5 MacAdam steps

Specification and dimension

Dimension Model	Code	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	CCT
	720101	50	6750	135	3000K, 4000K, 5000K
	720102	70	5600	140	3000K, 4000K, 5000K
	720103	70/50/40/30 Selectable	5600	140	3000K, 4000K, 5000K Selectable
	/	/	/	/	/

Ordering Information

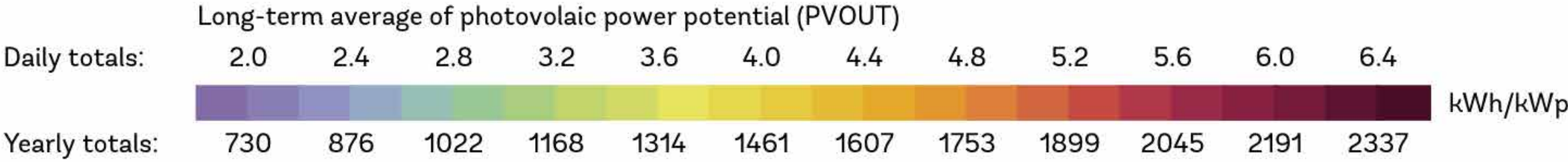
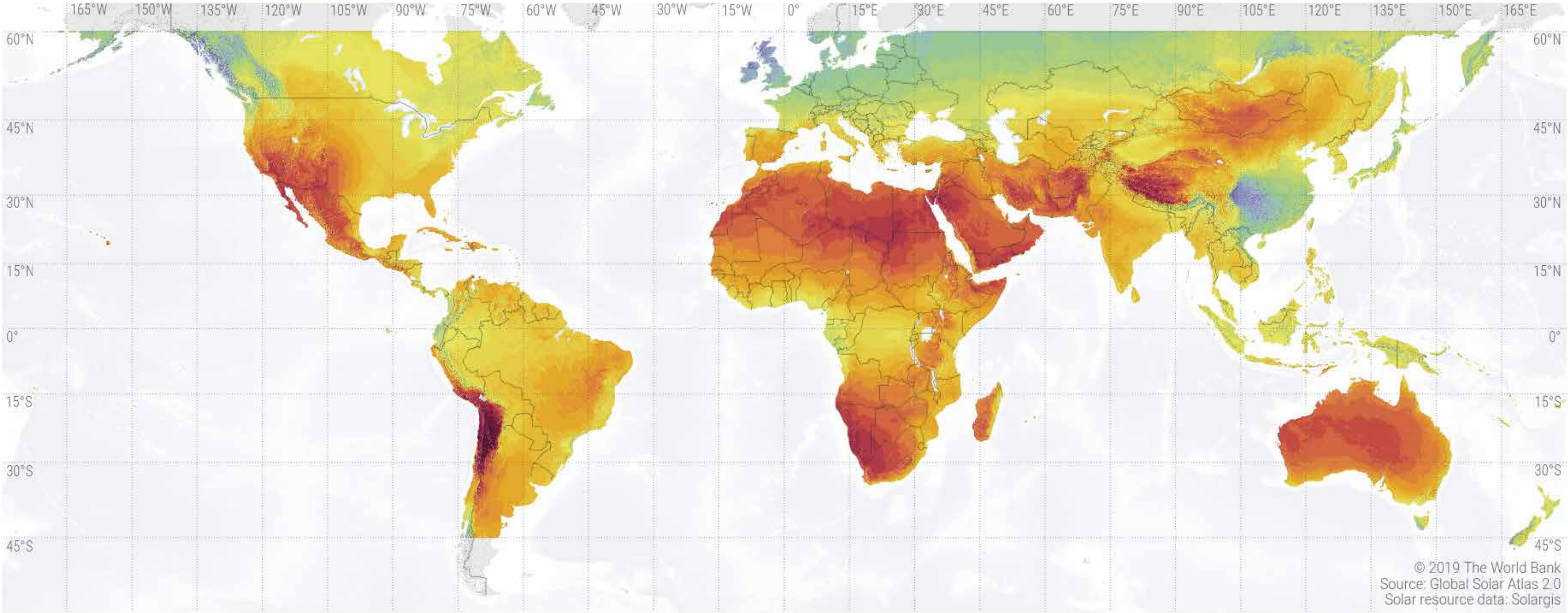
Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Eos	50	135	LV2	30	0	GR	Y	80			MP	DM	EM RC
	70	140		40									
30-40-50-70				50 30/40/50									

Solar light



Solar resource map

Photovoltaic power potential



Solar street light

1.For the purpose of preparing a best solar lighting system scheme for you, what information are you required to provide for me?

- Detailed installation locations, on the local sunshine peak time of which we need to be based for calculation of the configuration of the solar lighting system for you.
- How many hours are the street lights required to work each day (such as 5 or 10 hours each day)?
- When the rainy season comes, how many consecutive rainy days (such as 3 or 4 days) are required to be guaranteed to keep the street lights working normally for your illumination?
- Height of lamp poles or width of roads.
- Brightness of street lights required.

2.What is the sunshine peak time?

The sunshine peak time is referred to the unit strength of the sunlight reaching the earth every hour, on the basis of which we can analyze the climate and the weather. The time of the strongest intensity of the sunlight measured should be at noon, within 3 ~ 4 hours before and after noon (varying depending on the region to be located), the charging effect of the sunlight on the solar panels is the best (of course, the hottest time in summer may perhaps be excluded)

3.How to know when the solar street lights are turned on turned off?

The controller we choose for use is an intelligent waterproof controller composed of a light controller and a time controller, and, with it installed, no man-made control is needed later on and the solar street lights shall be turned on or turned off on time. As the controller is equivalent to the position of a human heart, which is connected with the solar panels absorbing sunlight and the storage batteries and the light source for lighting, when it senses the voltage of solar panel dropping down to the level set up, it will open the circuit of lighting source and, when the time we set up (for example, 10 hours) arrives, it will automatically turn off the light source. This is what we call the technology of intelligent light control switching-on and time control switching-off. Besides, there are multiple functions in this controller, such as those to prevent battery overcharge or overdischarge, so as not to cause any damage to the battery. will automatically turn off the light source. This is what we call the technology of intelligent light control switching-on and time control switching-off. Besides, there are multiple functions in this controller, such as those to prevent battery overcharge or overdischarge, so as not to cause any damage to the battery.

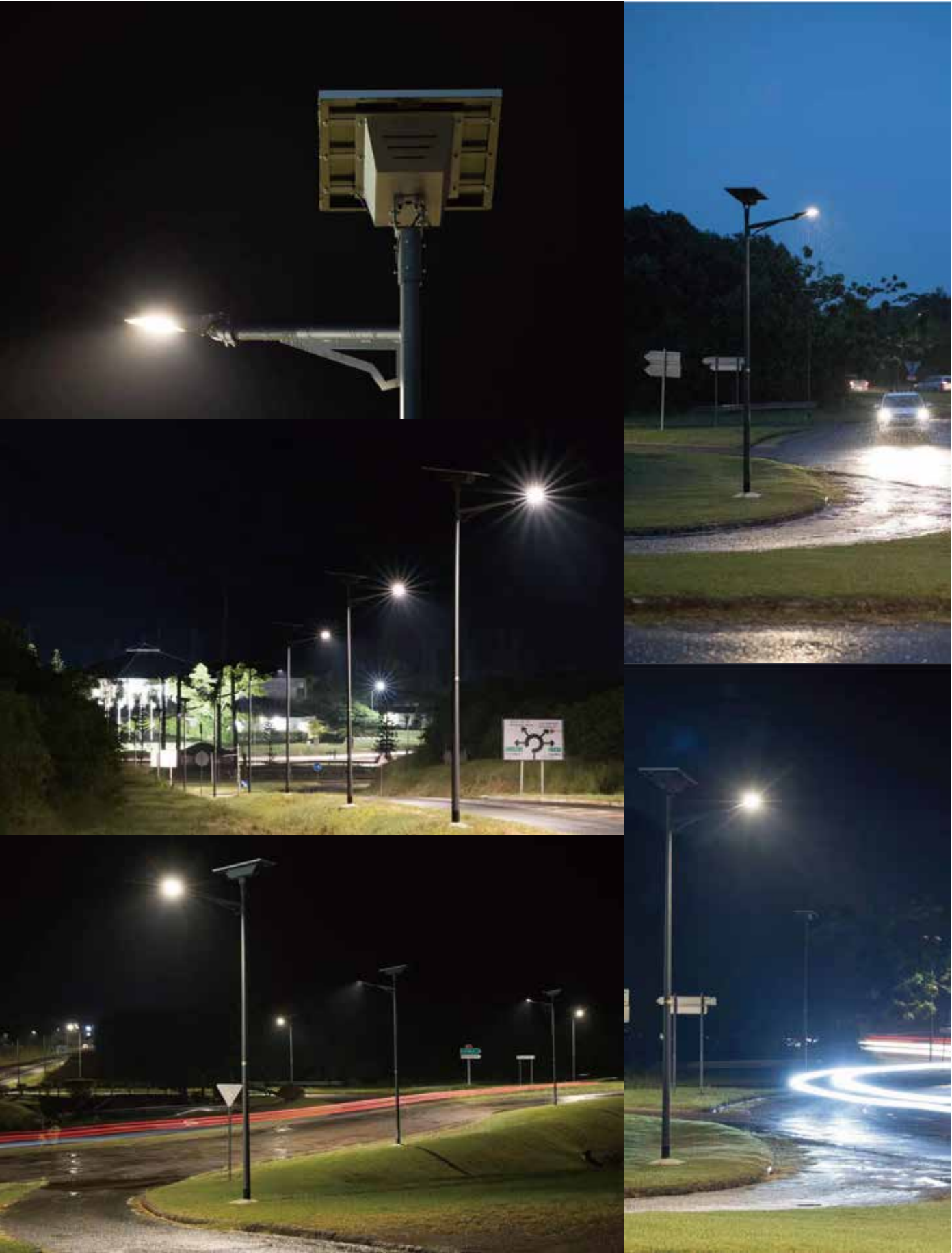
4.If there are several consecutive rainy days occurring, what shall we do? Can it be working normally?

If there are several bad weather, cloudy or rainy days occurring recently, there is no need for you to worry about, as we have taken them into our consideration. When we made the scheme for you, we could make full preparations in advance. 3 days or 5 days, you may decide as you please. As long as there are regular and continuous overcast or rainy days occurring, there will be continuous lighting. However, remember that, when making the scheme, what we need to consider is the regular, continuous days and, for the individual time of consecutive overcast or rainy days, it is not recommended to design according to the individual time, because it will increase your costs a lot.

5. How to maintain the solar system?

There is not too much maintenance required for the solar energy system intuitively and this is the convenience in it, but if there is too much dust locally, it is recommended that you should clean the solar cell panels every 3 to 5 months, so as to keep its high efficiency.

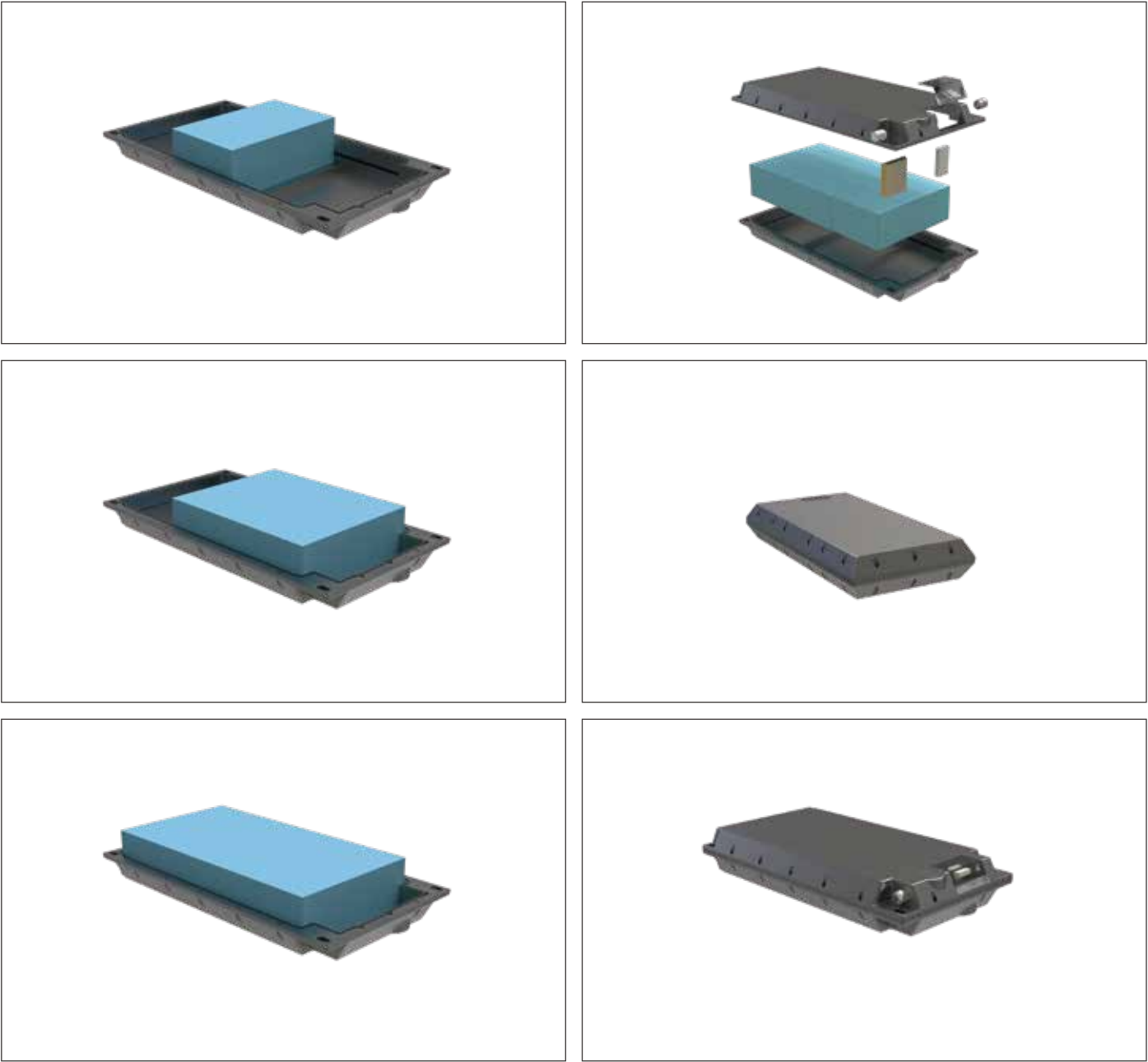
Project



Solar street Light



Solar box



Code

Code	Lamp wattage	Solar panel	Controller	Battery	Cable	LED lamp	Lumen output
70101	24W	80W---18V, Mono 1200*540*30mm	10A/12V waterproof solar charge controller, dusk to dawn with dim brightness. Combined into battery case.100%@4H-->40%@8H	36AH/25.6V LiFe PO4 battery with 96pcs 32650 (8S5P)	5m 2*2.5mm ²	24W--36VDC	About 3360lumens
70102	48W	100W---18V, Mono 1020*670*30mm	10A/12V waterproof solar charge controller, dusk to dawn with dim brightness. Combined into battery case.100%@4H-->40%@8H	60AH/25.6V LiFe PO4 battery with 96pcs 32650 (8S12P)	5m 2*2.5mm ²	48W--36VDC	About 6720lumens
70103	72W	140W---18V, Mono 1480*680*35mm	10A/12V waterproof solar charge controller, dusk to dawn with dim brightness. Combined into battery case.100%@4H-->40%@8H	90AH/25.6V LiFe PO4 battery with 96pcs 32650 (8S15P)	5m 2*2.5mm ²	72W--36VDC	About 10080lumens

Solar Garden light



Solar Garden light



Clio Solar

ETL | FCC | IK09 | IP65



Technical information

Parameter	Technical data	Parameter	Technical data
Location	Wet Location	Sensors	PIR
Wattage	5W	Operarting temperature	-10 C ~45 C /10%-90% （humidity）
Light Efficacy	85lm/W	Battery type	LiFePO4 3.7V 36AH
CCT	3000-5000K	Solar Panel type	3V 3W Monocrystalline
Charge Time	6~8 Hours	Input Voltage	3.7V
Working Time	12 hours	IP & IK Rating	IP65 & IK09

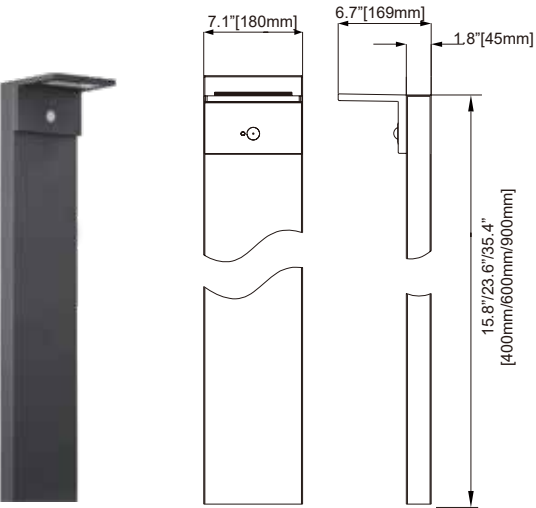
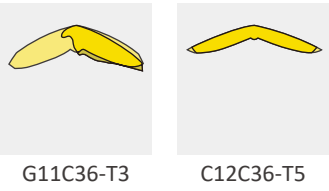
Specification

Model	Code	Lumen (lm)	Battery Voltage	LED Power (W)	Solar panel power	Sensor
HYCP-2009Solar	5200107(40)	240	3.7V Lithium battery	5V 5W	3V 3W	PIR
	5200108(60)	240	3.7V Lithium battery	5V 5W	3V 3W	PIR
	5200109(90)	240	3.7V Lithium battery	5V 5W	3V 3W	PIR

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Clio Solar	5	80	PV	30	3	BL	N	80		40	MP	PIR	
				40	5	GR				60			
				50						90			

Lighting Distribution



HYCP-2001Solar

Solar Panel



Solar solution

Flora Solar

ETL | FCC | IK09 | IP65



Technical information

Parameter	Technical data	Parameter	Technical data
Location	Wet Location	Sensors	PIR
Wattage	5W	Operarting temperature	-20 C ~50 C /10%-95% (humidity)
Light Efficacy	90lm/W	Battery type	LiFePO4 3.7V 36AH
CCT	3000-5000K	Solar Panel type	3V 3W Monocrystalline
Charge Time	6~8 Hours	Input Voltage	3.7V
Working Time	12 hours	IP & IK Rating	IP65 & IK09

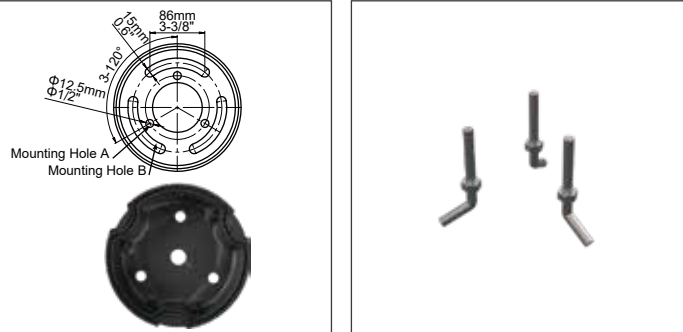
Specification

Model	Code	Lumen (lm)	Battery Voltage	LED Power (W)	Solar panel power	Sensor
HYCP-2015	5201501(40)	450	DC3.7	5V 5W	3V 3W	PIR
	5201502(60)	450	DC3.7	5V 5W	3V 3W	PIR
	5201503(90)	450	DC3.7	5V 5W	3V 3W	PIR

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
FloraSolar	5	90	PV	30	3	BL	N	80	10	40	MP	PIR	
				40	5	GR				60			
				50						90			

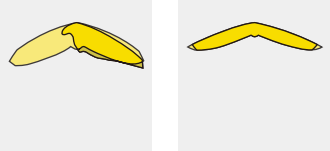
Details



Mounting Plate

Anchor bolt (optional)

Lighting Distribution



G11C36-T3

C12C36-T5



HYCP-2015-40

HYCP-2015-60

HYCP-2015-90

Muse B



HYCP-2017-B

Technical information

Parameter	Technical data	Parameter	Technical data
Location	Wet Location	Sensors	PIR
Wattage	1.5W	Operarnting temperature	-20 °C~45 °C/10%-90% （humidity）
Light Efficacy	180lm/W	Battery type	LiFePO4 3.2V 12AH
CCT	2300-6000K	Solar Panel type	5V 6.2W Monocrystalline
Charge Time	5 Hours	Input Voltage	3.2V
Working Time	24 hours	IP & IK Rating	IP65 & IK10

Specification

Model	Code	Lumen (lm)	Battery Voltage	LED Power (W)	Solar panel power	Sensor
HYCP-2017-B	5201701	280	DC3.2	5V 1.5W	5V 6.2W	PIR

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Muse B	1.5	180	PV	23	0	BL	N	70		90	MP	PIR	
				42		GR							
				50									
				65									

Muse W



IK10	IP65
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HYCP-2017-W

Technical information

Parameter	Technical data	Parameter	Technical data
Location	Wet Location	Sensors	PIR
Wattage	1.5W	Operarting temperature	-20 ℃~45 ℃/10%-90% （humidity）
Light Efficacy	180lm/W	Battery type	LiFePO4 3.2V 12AH
CCT	2300-6000K	Solar Panel type	5V 6.2W Monocrystalline
Charge Time	5 Hours	Input Voltage	3.2V
Working Time	24 hours	IP & IK Rating	IP65 & IK10

Specification

Model	Code	Lumen (lm)	Battery Voltage	LED Power (W)	Solar panel power	Sensor
HYCP-2017-W	5201701	280	DC3.2	5V 1.5W	5V 6.2W	PIR

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Muse W	1.5	180	PV	23	0	BL	N	70			MP	PIR	
				42		GR							
				50									
				65									

Aura S

ETL | FCC | IK06 | IP44



HYCP-2016-W

Technical information

Parameter	Technical data	Parameter	Technical data
Location	Damp Location	Sensors	PIR & Photocell
Wattage	5W	Operarting temperature	-10 C ~40 C /10%-90% (humidity)
Light Efficacy	65lm/W	Battery type	LiFePO4 3.7V 36AH
CCT	3000-5000K	Solar Panel type	5V 2W Monocrystalline
Charge Time	5 Hours	Input Voltage	3.7V
Working Time	12 hours	IP & IK Rating	IP44 & IK06

Specification

Model	Code	Lumen (lm)	Battery Voltage	LED Power (W)	Solar panel power	Sensor
HYCP-2016-W	5201601	330	DC3.7	5V 5W	3V 2W	PIR

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
AuraSolar	5	70	PV	40	0	BL	N	70		40	MP	PIR	
										60			
										90			

Athena

ETL | FCC | IK06 | IP65



HYSS-06



LED Power Adjustable



Dual CCT Changeable



Motion Sensor Detection



Dusk to Dawn Auto ON/OFF



4H 6H 12H settable



3000 Cycles LifePO4 Battery

Technical information

Parameter	Technical data	Parameter	Technical data
Location	Wet Location	Sensors	Microwave
Wattage	18W	Operarting temperature	-20 C ~45 C /10%-90% (humidity)
Light Efficacy	155lm/W	Battery type	LiFePO4 12.8V 12AH
CCT	3000K/4000K/6000K,Dual changeable	Solar Panel type	18V 42W Monocrystalline
Charge Time	8 Hours	Input Voltage	12.8V
Working Time	1 Rainy day	IP & IK Rating	IP65 & IK06

Specification

Model	Code	Lumen (lm)	Battery Voltage	LED Power (W)	Solar panel power	Sensor
HYSS-06	70601	2800	DC12.8	12V 18W	18V 42W	Microwave

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Athena	18	155	PV	30 40 60 40/60	0	BL	N	70			FPM	MW	

Themis

ETL | FCC | IK10 | IP65



Technical information

Parameter	Technical data	Parameter	Technical data
Location	Wet Location	Sensors	PIR
Wattage	18W	Operarting temperature	-20 C ~45 C /10%-90% (humidity)
Light Efficacy	155lm/W	Battery type	LiFePO4 12.8V 12AH
CCT	3000K/4000K/6000K,Dual changeable	Solar Panel type	18V 38W Monocrystalline
Charge Time	8 Hours	Input Voltage	12.8V
Working Time	1 Rainy day	IP & IK Rating	IP65 & IK10

Specification

Model	Code	Lumen (lm)	Battery Voltage	LED Power (W)	Solar panel power	Sensor
HYSS-07	70701	2800	DC12.8	12V 18W	18V 42W	PIR

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Themis	18	155	PV	30	0	BL	N	70			FPM	PIR	
				40									
				60									
				40/60									



HYSS-07



LED Power Adjustable



Dual CCT Changeable



Motion Sensor Detection



Dusk to Dawn Auto ON/OFF



4H 6H 12H settable



3000 Cycles LifePO4 Battery

Sheen

CE | IK06 | IP65 | CB



* 5050: LUMILEDS 5050; 3535: CREE XPG3; 3030: LUMILEDS 3030

Luminous Flux (Lm): The data provided has been tested under standard operating conditions. Actual performance may vary based on environmental factors, optical components/diffusers, and correlated color temperature (CCT).



S

HYSS-LED05-S



M

HYSS-LED05-M



L

HYSS-LED05-L

Technical information

Parameter	Technical data	Parameter	Technical data
Battery Parameters	LiFePO4	Sensors	Micro Wave Sensor
Wattags	10W~30W	Operating temperature	-10℃~60℃ / 10% ~ 90% (humidity)
Light efficacy	Up to 150lm/W	Battery Parameters	LiFePO4 3.2V 36AH / 72AH / 108AH
Color temperature	3000K - 6500K	Solar Pannel type	5V 25W/5V 50W/5V 70W, Polycrystalline
Charge Time	6~8 Hours	Input Voltage	3.2V
Working Time	2 Rainy Days	Protection Grade	IP65 & IK08

Specification and dimension

Dimension						Model
						HYSS-LED05S
Order code	Chip	LED QTY	Voltage	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
70501	3030	SMD	3.2V	10	1500	150

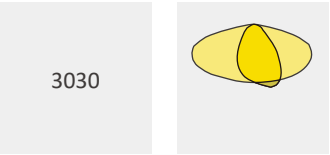
Dimension						Model
						HYSS-LED05M
Order code	Chip	LED QTY	Voltage	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
70502	3030	SMD	3.2V	20	3000	150

Dimension						Model
						HYSS-LED05L
Order code	Chip	LED QTY	Voltage	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
70503	3030	SMD	3.2V	30	4500	150

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
Sheen S	10	150	PV	30	0	BL	N	70	10		FPM	DCOS	
Sheen M	20			40		WH							
Sheen L	30			50									
				65									

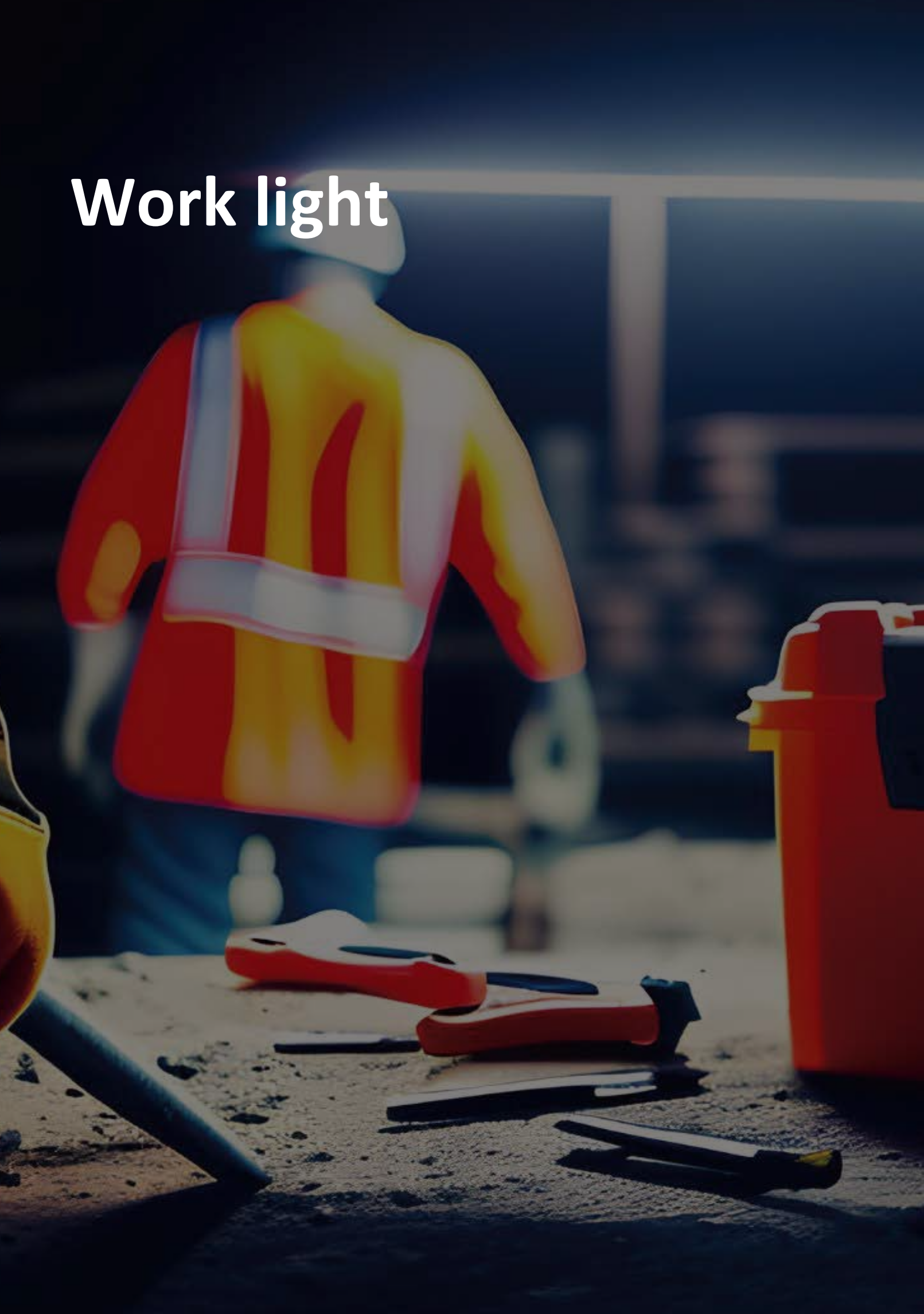
Optics available



Details



Work light





- Die-casting Aluminium body, tempered glass
- Color temperature(in Kelvin)available:
2700K, 3000K, 3500K, 4200K, 5000K, 6500K
- Color rendering Index(Ra)Ra ≥ 80
- Charging Temperature: -10°C~40°C
Working Temperature: -20°C~45°C
Storage Temperature: -20°C~45°C
- With ON/OFF Switch 25%/ 50%/100%
- **LY9601H Charging time 5-6 hours,
working time 2.5hours**
- **LY9602H Charging time 6-7 hours,
working time 2.5 hours**
- **LY9603H Charging time 5-6 hours,
working time 2.5 hours**
- IP54



Model	Power (W)	Li-ion Battery	Voltage	Total Lumens Flux	Dimension(inch[mm]) L*B*H
LY9601H	10	7.4V/2200mAH	12.0V	MAX 800LM	6.5"*7.3"*9.7"[166*186*246]
LY9602H	20	7.4V/4400mAH	13.0V	MAX 1600LM	9.5"*7.3"*10.9"[241*187.5*277]
LY9603H	30	11.1V/4400mAH	13.0V	MAX 2500LM	11.7"*7.3"*12.4"[296*186*315]

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
LY9601H	10	70	DC1	27	0	BL	N	70				DCOS	EM
LY9602H	20			30									
LY9603H	30			35									
				42									
				50									
		65											



- Die-casting Aluminium body,tempered glass
- Color temperature(in Kelvin)available:
2700K, 3000K, 3500K, 4200K, 5000K, 6500K
- Color rendering Index(Ra)Ra ≥ 80
- Working Temperature: -20°C~50°C
- Voltage:100-240V ~ 50/60Hz
- IP65



Model	Power (W)	Total Lumens Flux	Peak Intensity	Useful Luminous Flux	Dimension(inch[mm]) L*B*H
GSN1001	23	2500LM	1100cd	2300LM	9.2"*6.1"*12[235*156*305]

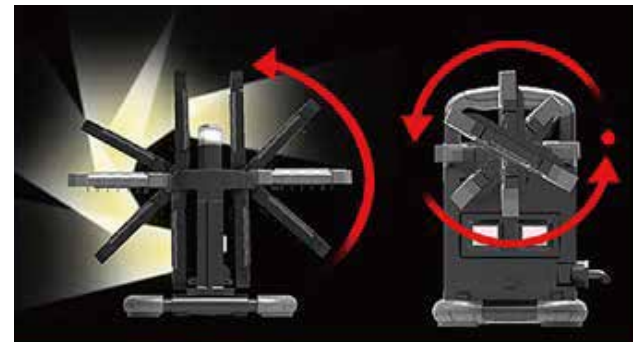
Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
GSN1001	23	100	LV1	27	0	BL	N	80					
				30									
				35									
				42									
				50									
				65									

L3323H



LED Worklight (DOB)

- Die-casting Aluminium body,tempered glass
- Color temperature(in Kelvin)available:
2700K, 3000K, 3500K, 4200K, 5000K, 6500K
- Color rendering Index(Ra)Ra ≥ 80
- Working Temperature: -20°C~50°C
- Voltage:100-240V ~ 50/60Hz
- IP65



Specification

Model	Power (W)	Total Luminous Flux	Peak Intensity	Useful Luminous Flux	Dimension(inch[mm]) L*B*H
L3323H	2*30	6450LM	2500cd	5650LM	16.8"*9.1"*12"[427*232*304]

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
L3323H	60	95	LV1	27	0	BL	N	80					
				30									
				35									
				42									
				50									
				65									

L3312/L3311/L3313



LED Worklight

- Die-casting Aluminium body, PC
- Color temperature(in Kelvin)available:
2700K, 3000K, 3500K, 4200K, 5000K, 6500K
- Color rendering Index(Ra) $Ra \geq 80$
- Working Temperature: $-20^{\circ}\text{C} \sim 50^{\circ}\text{C}$
- Voltage: 100-240V $\sim$ 50/60Hz
- With outlet sockets
- With H07RN-F 3G 1.5mm² power cord
- **L3312 USB output: 5Vdc1A**
- IP54



Specification

Model	Power (W)	Total Lumens Flux	Useful Luminous Flux	Dimension(inch[mm]) L*B*H
L3312	24	2500LM	2500LM	11.4"*3.3"*9.2"[290*83*234]
L3311	45	4950LM	4950LM	15.2"*3.5"*12.4"[385*90*315]
L3313	80	9200LM	9200LM	18.3"*3.3"*14.3"464*84*365]

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
L3312	24	105	PV	27	0	BL	N	70					
L3311	45			30		WH							
L3313	80			35									
				42									
				50									
65													

L2213



Rechargeable LED Light

- Die-casting Aluminium ADC12
- Color temperature(in Kelvin)available: 2700K, 4200K, 6400K
- Color rendering Index(Ra)Ra ≥ 80
- Working Temperature: -20°C~45°C
- IP54 & IK06
- Voltage: 220-240V

Specification

Model	Power (W)	Luminous flux(lm)	Input voltage	Dimension(inch[mm]) L*B*H
L2213	50	5000	110V,50/Hz	17"*7.5"*12.5"[432* 191.4 *318]

L2215



Rechargeable LED Light

- Die-casting Aluminium ADC12
- Color temperature(in Kelvin)available: 2700K, 4200K, 6400K
- Color rendering Index(Ra)Ra ≥ 80
- Working Temperature: -20°C~45°C
- IP54 & IK07
- Voltage: 22-240V

Specification

Model	Power (W)	Luminous flux(lm)	Input voltage	Dimension(inch[mm]) L*B*H
L2215	120	14000	110V,50/Hz	8.5"*8.5"*15.9"[215*215*405]

Ordering Information

Series	Power (W)	LPW	Input voltage	CCT	Distribution	Finish Color	Dimming	CRI	SPD	Height	Mounting	Controls/Sensors	Accessories
L2213	50	100	UV	27	0	BL	N	80					
L2215	120	115		42									
				64									

LED Engine



LED Engine-retrofit



Technical information

Parameter	Technical data	Parameter	Technical data
Lifetime	Up to 100,000hrs LM70,Ta 25 °C	Driver isolation	Class I or Class II
Wattags	30~100W	Control dimming	DALI / 1-10V / Timing / PWM
Light efficacy	Up to 137lm/W	Operating temperature	-35°C~50°C / 10% ~ 95% (humidity)
CRI	≥ 70 or ≥ 80	Body parts material	Die cast Aluminum
Color temperature	3000K, 4000K, Amber color	Optic	PC (standard) / PMMA (option)
Operation voltage	AC 100-277V	Front Cover	Flat tempered glass 5mm thickness
Frequency	50 / 60Hz	Gasket	Silicone
Power factor	≥0.95 cos	SDCM	3 or 5 MacAdam steps

Specification and dimension

Dimension						Model
						HYE-LED01M
Order code	Chip	LED QTY	Lens Type	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
90104	5050	24	4	40	5360	134
90105	5050	24	4	60	7620	127
90106	5050	36	4	80	10080	126
90107	5050	36	4	100	12400	124
90108	3535	24	4	40	5360	134
90109	3535	24	4	60	7620	127

Specification and dimension

Order code	Chip	LED QTY	Lens Type	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
90110	3535	36	4	80	10080	126
90111	3535	36	4	100	12400	124
90112	3030	84	14	60	7920	132
90113	3030	126	14	80	9760	122
90114	3030	126	14	100	11700	117

Dimension						Model
						HYE-LED01S
Order code	Chip	LED QTY	Lens Type	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
90101	5050	16	4	30	4110	137
90102	3535	16	4	30	3930	131
90103	3030	56	14	40	4880	122

Lighting Distribution

	SL4T2	SL4T3	SL4T4	SH4T2	SH4T3	GL4T5	GL4T4
	FH430	FH460	FH490	FH422			
	SX14T2	SX14T3	SL14T2	GX14T5	GX14T4		

LED Engine-retrofit

FC | IK08 | IP65 | 

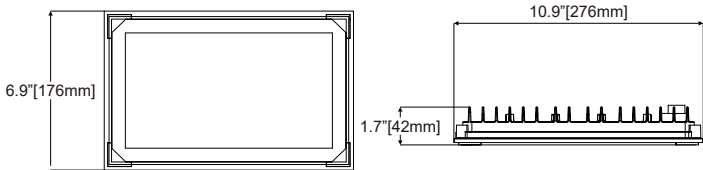


HYE-LED06

Technical information

Parameter	Technical data	Parameter	Technical data
Lifetime	Up to 100,000hrs LM70,Ta 25 °C	Driver isolation	Class I
Wattags	20~70W	Control dimming	1-10V / PWM
Light efficacy	Up to 150lm/W	Operating temperature	-35°C~50°C / 10% ~ 95% (humidity)
CRI	≥ 70 or ≥ 80	Body parts material	Die cast Aluminum
Color temperature	3000K, 4000K, Amber color	Optic	PC (standard) / PMMA (option)
Operation voltage	AC 100-277V	Front Cover	Flat tempered glass 5mm thickness
Frequency	50 / 60Hz	Gasket	Silicone
Power factor	≥0.95 cos	SDCM	3 or 5 MacAdam steps

Specification and dimension

Dimension						Model
						HYE-LED06
Order code	Chip	LED QTY	Lens Type	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
90601	5050	16	4	20	3000	150
90602	5050	16	4	30	4500	150
90603	5050	16	4	40	6000	150
90604	5050	32	4	50	7500	150
90605	5050	32	4	60	9000	150
90606	5050	32	4	70	10500	150

Specification and dimension

Order code	Chip	LED QTY	Lens Type	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
90607	5050	32	4	80	12000	150

Lighting Distribution

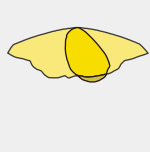
3535/5050



SL4T2


SL4T3

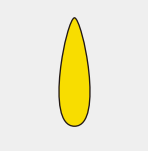

SL4T4


SH4T2


SH4T3

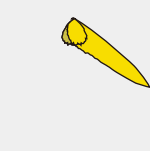

GL4T5


GL4T4


FH430


FH460


FH490


FH422

LED Engine-retrofit

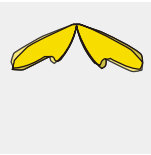
FC | IK08 | IP65 | 



Lighting Distribution

5050
36*1

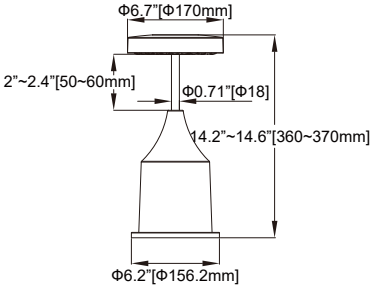

G11C36-T3


C12C36-T5

Technical information

Parameter	Technical data	Parameter	Technical data
Lifetime	Up to 100,000hrs LM70,Ta 25 °C	Driver isolation	Class I or Class II
Wattags	30~50W	Control dimming	DALI / 1-10V / Timing / PWM
Light efficacy	Up to 130lm/W	Operating temperature	-35°C~50°C / 10% ~ 95% (humidity)
CRI	≥ 70 or ≥ 80	Body parts material	Die cast Aluminum
Color temperature	3000K, 4000K, Amber color	Optic	PC (standard) / PMMA (option)
Operation voltage	AC 100-277V	Front Cover	Flat tempered glass 5mm thickness
Frequency	50 / 60Hz	Gasket	Silicone
Power factor	≥0.95 cos	SDCM	3 or 5 MacAdam steps

Specification and dimension

Dimension						Model
						HYE-LED02
Order code	Chip	LED QTY	Lens Type	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
90201	5050	24	24	30	3900	130
90202	5050	30	30	40	5200	130
90203	5050	36	36	50	6500	130

LED Engine-retrofit



Technical information

Parameter	Technical data	Parameter	Technical data
Lifetime	Up to 100,000hrs LM70,Ta 25 °C	Driver isolation	Class I or Class II
Wattags	40~150W	Control dimming	DALI / 1-10V / Timing / PWM
Light efficacy	Up to 136lm/W	Operating temperature	-35°C~50°C / 10% ~ 95% (humidity)
CRI	≥ 70 or ≥ 80	Body parts material	Die cast Aluminum
Color temperature	3000K, 4000K, Amber color	Optic	PC (standard) / PMMA (option)
Operation voltage	AC 100-277V	Front Cover	Flat tempered glass 5mm thickness
Frequency	50 / 60Hz	Gasket	Silicone
Power factor	≥0.95 cos	SDCM	3 or 5 MacAdam steps

Specification and dimension

Dimension						Model
						HYE-LED04
Order code	Chip	LED QTY	Lens Type	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
90401	5050	16	4	40	40	136
90402	5050	32	4	60	60	134
90403	5050	48	4	100	100	135
90404	5050	64	4	150	150	131

Specification and dimension

Order code	Chip	LED QTY	Lens Type	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
90405	3030	56	14	40	5160	129
90406	3030	112	14	60	7620	127
90407	3030	168	14	100	12800	128
90408	3030	224	14	150	19350	129

Lighting Distribution

3535/5050

SL4T2

SL4T3

SL4T4

SH4T2

SH4T3

GL4T5

GL4T4

FH430

FH460

FH490

FH422

3030

SX14T2

SX14T3

SL14T2

GX14T5

GX14T4

3030

SX14T2

SX14T3

SL14T2

GX14T5

GX14T4

LED Engine-retrofit



HYE-LED05



Technical information

Parameter	Technical data	Parameter	Technical data
Lifetime	Up to 100,000hrs LM70,Ta 25 °C	Driver isolation	Class I
Wattags	60~150W	Control dimming	1-10V / PWM
Light efficacy	Up to 150lm/W	Operating temperature	-35°C~50°C / 10% ~ 95% (humidity)
CRI	≥ 70 or ≥ 80	Body parts material	Die cast Aluminum
Color temperature	3000K, 4000K, Amber color	Optic	PC (standard) / PMMA (option)
Operation voltage	AC 100-277V	Front Cover	Flat tempered glass 5mm thickness
Frequency	50 / 60Hz	Gasket	Silicone
Power factor	≥0.95 cos	SDCM	3 or 5 MacAdam steps

Specification and dimension

Dimension						Model
						HYE-LED05
Order code	Chip	LED QTY	Lens Type	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
90501	5050	36	4	60	9000	150
90502	5050	36	4	70	10500	150
90503	5050	36	4	80	12000	150
90504	5050	48	4	90	13500	150

Specification and dimension

Order code	Chip	LED QTY	Lens Type	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
90505	5050	48	4	100	15000	150
90506	5050	48	4	110	16500	150
90507	5050	48	4	120	18000	150
90508	5050	72	4	130	19500	150
90509	5050	72	4	140	21000	150
90510	5050	72	4	150	22500	150

Lighting Distribution

3535/5050

SL4T2

FH430

SL4T3

FH460

SL4T4

FH490

SH4T2

FH422

SH4T3

GL4T5

GL4T4

LED Engine-retrofit-HYE-LED03 Series



Technical information

Parameter	Technical data	Parameter	Technical data
Lifetime	Up to 100,000hrs LM70,Ta 25 °C	Driver isolation	Class I or Class II
Wattags	50W	Control dimming	DALI / 1-10V / Timing / PWM
Light efficacy	Up to 120lm/W	Operating temperature	-35°C~50°C / 10% ~ 95% (humidity)
CRI	≥ 70 or ≥ 80	Body parts material	Die cast Aluminum
Color temperature	3000K, 4000K, Amber color	Optic	PC (standard) / PMMA (option)
Operation voltage	AC 100-277V	Front Cover	Flat tempered glass 5mm thickness
Frequency	50 / 60Hz	Gasket	Silicone
Power factor	≥0.95 cos	SDCM	3 or 5 MacAdam steps

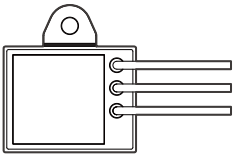
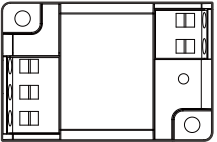
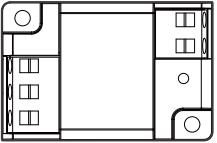
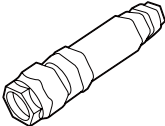
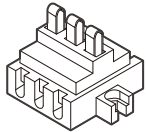
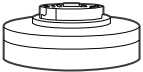
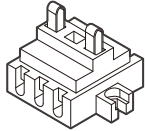
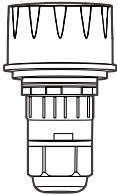
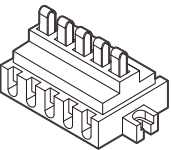
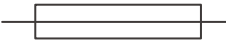
Specification and dimension

Dimension						
						
Order code	Chip	LED QTY	Lens Type	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
90301	5050	28	28	50	8000	160
90302	3030	64	64	50	7000	140

Lighting Distribution



Additional accessories

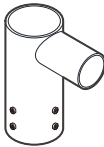
Shorting Cap Standard: ANSI C136.10 & UL773	Code.20001001		10KV Parallel Surge Protection device Class I , Uoc = 10 kV , In = 5 kA , Imax = 10 kA Voltage Protection level up (L-N) $\leq$ 1.5 kV Voltage Protection level up (L/N-PE) $\leq$ 1.5 kV Class II , Uoc = 10 kV , In = 5 kA , Imax = 10 kA Voltage Protection level up (L-N) $\leq$ 1.5 kV	Code.20007001	
Photocell Standard: ANSI C136.10 & UL773	Code.20002001		10KV Series Surge Protection device Class I , Uoc = 10 kV , In = 5 kA , Imax = 10 kA Voltage Protection level up (L-N) $\leq$ 1.5 kV Voltage Protection level up (L/N-PE) $\leq$ 1.5 kV Class II , Uoc = 10 kV , In = 5 kA , Imax = 10 kA Voltage Protection level up (L-N) $\leq$ 1.5 kV	Code.20007011	
5PIN / 7PIN Nema Socket Standard: ANSI C136.10 & UL773	Code.20003001		15KV Series Surge Protection device Class I , Uoc = 15 kV , In = 7.5 kA , Imax = 15 kA Voltage Protection level up (L-N) $\leq$ 1.8 kV Voltage Protection level up (L/N-PE) $\leq$ 1.8 kV Class II , Uoc = 15 kV , In = 7.5 kA , Imax = 15 kA Voltage Protection level up (L-N) $\leq$ 1.8 kV	Code.20007013	
Zhaga socket Standard: Zhagabook 18	Code.20004001		Connector IP68 connector	Code.20008001	
Zhaga cup Standard: Zhagabook 18	Code.20004002		3 pin Power-off Protecto L N PE for Calss I	Code.20009001	
Zhaga base 220V input	Code.20004003		2 Pin Power-off Protector L N for Calss II	Code.20009002	
Zhaga base Motion Sensor Motion sensor / Daylight Sensor	Code.20005001		5 pin Power-off Protector L N PE Dim+ Dim -	Code.20009003	
Fuse wire 5x20mm , Glass , 250V 6A	Code.20006001		PIR for Bollard Infrared Motion Sensor	Code.20013001	
PIR Sensor for Street light Infrared Motion Sensor	Code.20007001		Light bar for Bollard Color:RGBW	Code.20014001	

Additional accessories

Side Arm Mount

Spigot size 2.36" to 2.36"[60 to 60 mm]

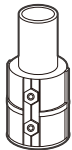
Code.20010001



Fixed Pole Mount

Spigot size 1.89" to 2.99"[48 to 76 mm]

Code.20010002

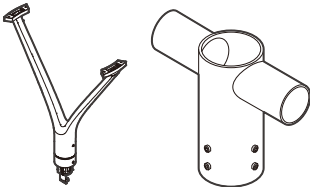


Twin Arm Mount

2.36"[60 mm] pole

2.99"[76 mm] pole

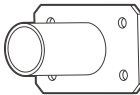
Code.20010003



Wall Arm Mount

Spigot size 1.57" to 2.99"[40 to 60 mm]

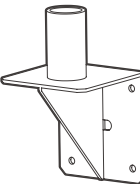
Code.20010004



Wall Arm Mount

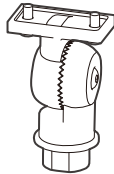
Vertical

Code.20010005



Knuckle Mount

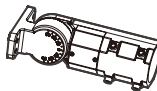
Code.20010006



Fixed Pole Mount

Fits 2 3/8" tennon ; Bronze

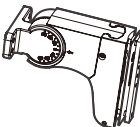
Code.20010007



Adjustable Poe Mount

For round or square pol ; Bronze

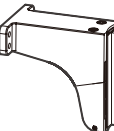
Code.20010008



Slip Fitter Mount

For round or square pole ; Bronze

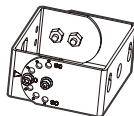
Code.20010009



Trunnion Mount

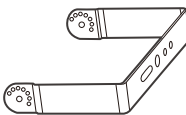
Bronze

Code.20010010



Yoke Mount

Code.20010011



Pre-installed cable sets

5 G 1.5mm²

D-,D+,PE,N,L

Class I

Dim

Code.20011001



4 x 2.5mm²

4 x 1.5mm²

D-,D+,N,L

Class II

Dim

Code.20011002



4 G 2.5mm²

4 G 1.5mm²

L,Lp,PE,N

Class I

Bi-Power Switching line

Code.20011003



3 x 2.5mm²

3 x 1.5mm²

L,Lp,N

Class II

Bi-Power Switching line

Code.20011004



3 G 2.5mm²

3 G 1.5mm²

L,PE,N

Class I

No Dim

Code.20011005



2 x 2.5mm²

2 x 1.5mm²

L,N

Class II

No Dim

Code.20011006

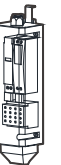


Protection sequence

Installation at the base of the pole

IP44 & IK08

Code.20012001

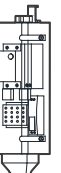


Protection sequence

Installation at the base of the pole

IP44 & IK08

Code.20012002



Glare Shield

Formed1/16"thick aluminum

Code.20013001





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Sales Office: Room 1219, Xinmao Building, No.99 Tianzhou Road, Xuhui District, 200233 Shanghai, China

