

PRODUCT CATALOGUE

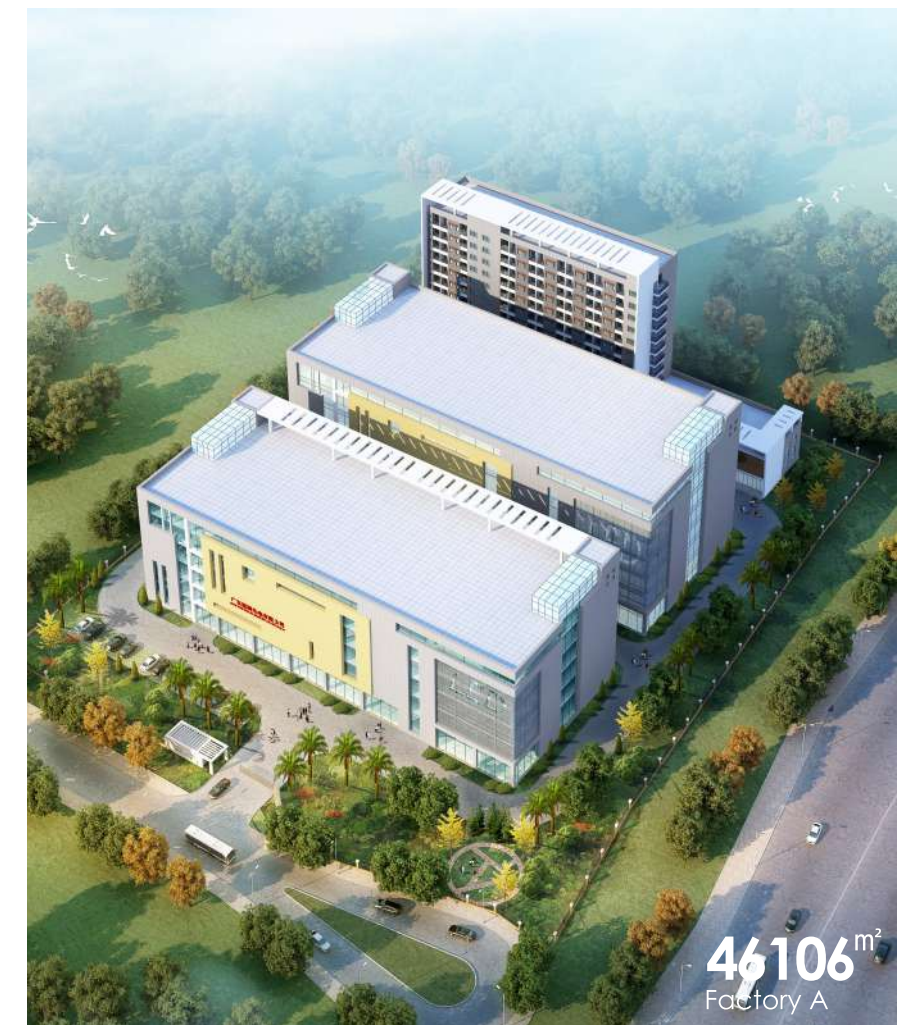


Guangdong Mason Technologies Co., Ltd.
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Statement : All of the product's parameters in this book are just for your reference, Mason have the right to revise or cancel the related parameters at anytime without advance notice. If you have questions, please contact our customer service hotline.



50212^{m²}
Factory B



46106^{m²}
Factory A

COMPANY PROFILE

Established in 2010 and based in Dongguan City, MasonLED operates a production base of over 100,000 square meters, supported by a team of more than 100 R&D engineers and 800 skilled workers. With strong R&D capabilities and stringent quality control, we have become one of China's leading LED lighting manufacturers.

We offer a comprehensive product portfolio, including LED street lights, high mast lights, floodlights, and triple-protection lights, delivering versatile lighting solutions widely used in road, industrial, and warehouse environments.

We provide end-to-end LED lighting solutions—from product development and manufacturing to sales and service. Innovation-driven and quality-oriented, MasonLED is committed to contributing to the global lighting market with reliable and efficient products.

15⁺
15 years history of LED
research and
development production

190⁺
Owns more than 190
multiple national patents

1000m²
Professional labs

800⁺
Employees

160,000⁺
About 160,000 m²
building area

100,000⁺
100,000m² production
workshop

300 million⁺
Total investment

PRODUCT OVERVIEW

INTELLIGENT CONTROL SYSTEM



P01-P04

INTELLIGENT CONTROL SYSTEM

P05-P30

LED STREET LIGHT

LINOS SERIES	P07-P12
LAMIS SERIES	P13-P14
ORO SERIES	P15-P20
VINCI SERIES	P21-P22
FALCON SERIES	P23-P26
LEONA SOLAR	P27-P28
LEONA SL SOLAR	P29-P30

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LED FLOOD LIGHT

PHANTOM SERIES	P33-P34
MASTER SERIES	P35-P36
TITAN SERIES	P37-P38
ARES SERIES	P39-P40

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LED HIGH BAY

RUDDER SERIES	P43-P44
LUNA SERIES	P45-P46
POLAR STAR SERIES	P47-P48
DIAMOND SERIES	P49-P50
A-Star SERIES	P51-P52
ORION SERIES	P53-P54
ORION PLUS SERIES	P55-P56
JP-PLUS SERIES	P57-P58
STELLA SERIES	P59-P60

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LED TRI-PROOF LIGHT

ESTE SERIES	P63-P64
OMNI SERIES	P65-P66
HALLEY SERIES	P67-P68
PATRON SERIES	P69-P70
PATRON SE SERIES	P71-P72
SOCRATES SERIES	P73-P74
PLATO SERIES	P75-P76

P77-P84

LED LINEAR LIGHT

LUMORA SERIES	P79-P80
APEXGLARE SERIES	P81-P82
IVETA SERIES	P83-P84

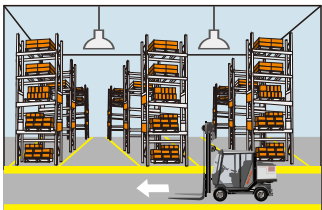
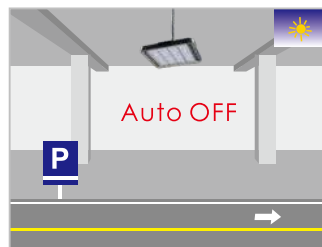
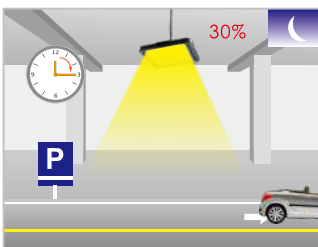
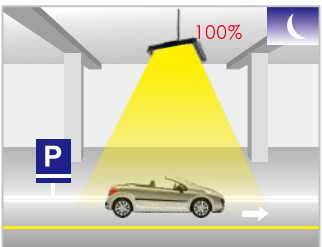
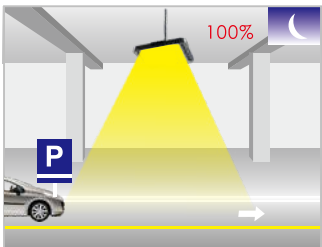
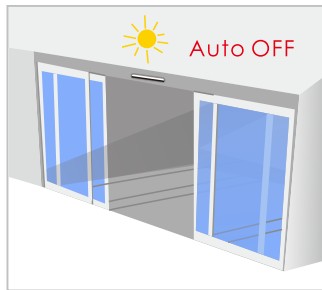
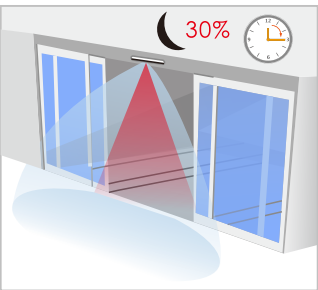
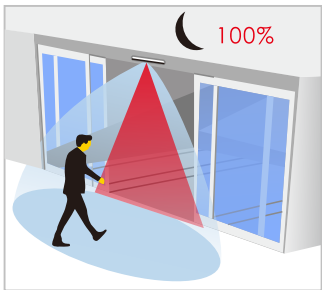
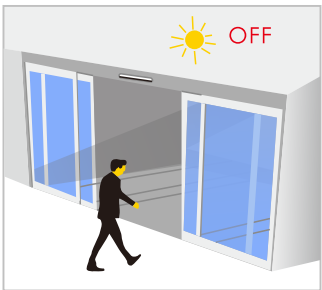
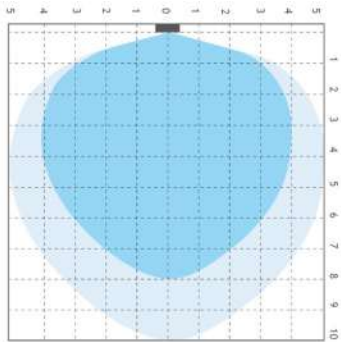
P85-P90

PROJECT SHOWCASE

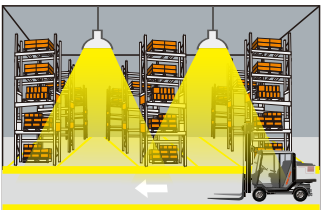
PROJECT SHOWCASE	P87-P90
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Photoelectric+Microwave Motion Sensor 2 in 1

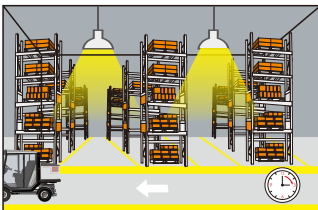
- + Dual-technology sensor (photoelectric + microwave) for enhanced sensitivity and reliability
- + Eliminates daytime false triggers via photoelectric priority
- + Easy installation with high detection accuracy and minimal false alarms
- + Resists rain, fog, wind, dust, snow, and extreme temperatures
- + 15-meter detection range with strong anti-interference capability
- + Programmable delay time: 5s-60min
- + Low standby power consumption
- + Auto daylight shutoff



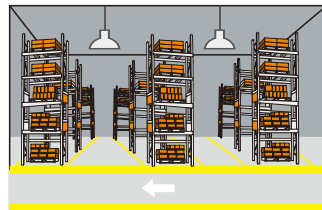
With sufficient ambient light, the sensor does not switch on the lamp.



With insufficient ambient light, the sensor switches on the lamp when motion is detected.



After hold time, the sensor dims the lamp at a low light level if no new motion trigger.



After stand-by period, the sensor switches off the lamp if no motion is detected in its detection zone.



With sufficient light, the lamp doesn't switch on.



With insufficient ambient light, then sensor switches on the lamp when motion is detected.



After hold time, the sensor switches off the lamp when no motion is detected.

Intelligent Control System

Road lighting utilizes intelligent control technology, enabling refined and dynamic management of lighting systems through the Internet of Things (IoT), sensors, data analysis, and other means. Its advantages span multiple dimensions: energy conservation and efficiency enhancement, operational optimization, safety improvement, and upgraded urban governance. Our road lighting products can be integrated with mainstream communication technologies based on customer needs, such as ZigBee, PLC, LoRa, or Cat.1, to deliver the following functions:

Extreme Energy Efficiency: By combining light sensors and traffic flow sensors, it achieves "on-demand lighting"—automatically dimming during off-peak hours and adaptively matching road-specific requirements. Compared to traditional lighting, it saves 30%-60% energy and reduces carbon emissions.

Efficient Operation & Maintenance: Remotely monitors individual lamp status, with automatic fault alarm and positioning. It supports predictive maintenance and centralized management, cutting labor costs by over 50% and minimizing the impact of sudden failures.

Enhanced Safety: Dynamically responds to weather changes (e.g., increasing brightness during rain or snow), eliminates lighting blind spots, and customizes brightness for specific scenarios (e.g., light control near schools, ensuring consistent brightness in commercial areas), improving travel safety and comfort.

Expanded Functionality: Integrated sensors collect traffic and environmental data, aiding traffic management, safety monitoring, and environmental governance. This transforms the system into a street-level node of smart cities.

Prolonged Lifespan: Voltage stabilization protection and precise regulation reduce equipment wear, extending the lifespan of LED street lamps to over 10 years. This lowers replacement frequency and reduces resource waste.

Intelligent control technology for road lighting is not merely an upgrade of "lighting tools" but a crucial carrier for the digital transformation of urban infrastructure. Through its multiple values—"energy conservation and cost reduction, efficient operation, safety adaptation, and functional expansion"—it not only meets residents' needs for safe and comfortable nighttime travel but also provides urban managers with a tool for refined governance. Ultimately, it drives road lighting to evolve from a "single lighting function" to a "multi-functional smart city node," achieving the integration of economic, social, and environmental benefits.

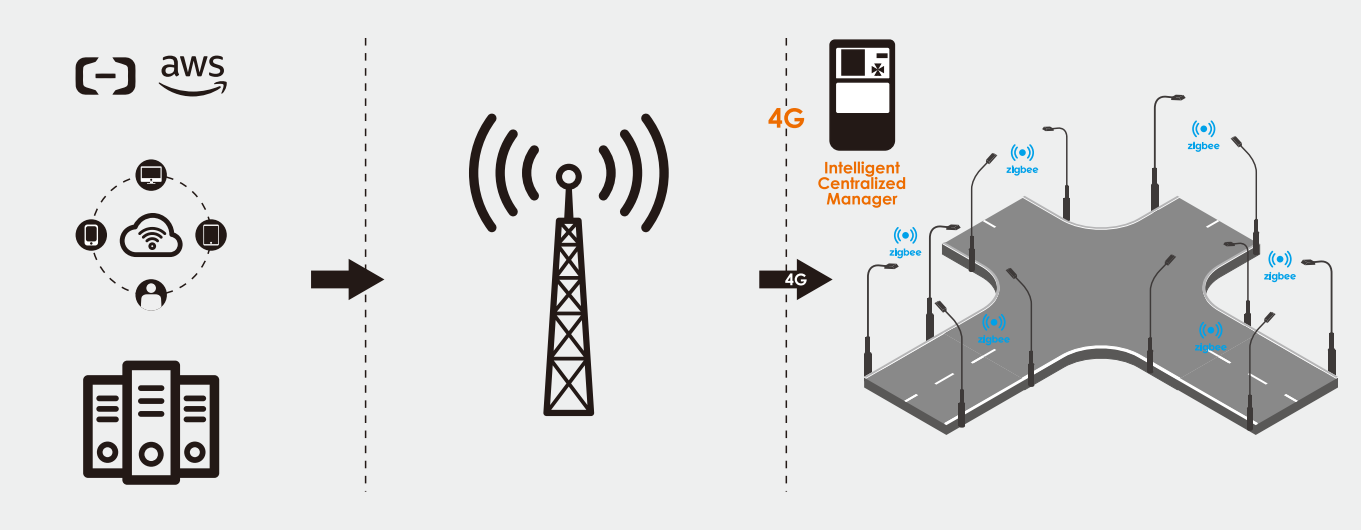
Technology Comparison

Metric	ZigBee	PLC	LoRa	Cat.1
Range	≤100m	Transformer zone (~500m)	Urban 3-5km/Rural 15km	Full 4G coverage
Bandwidth	250kbps	≤10kbps	≤50kbps	10Mbps
Node Capacity	Thousands	10k+	Thousands/gateway	Unlimited (theoretically)
Best For	Campus clusters	EMI-heavy tunnels	Wide-area rural coverage	Multifunction urban poles



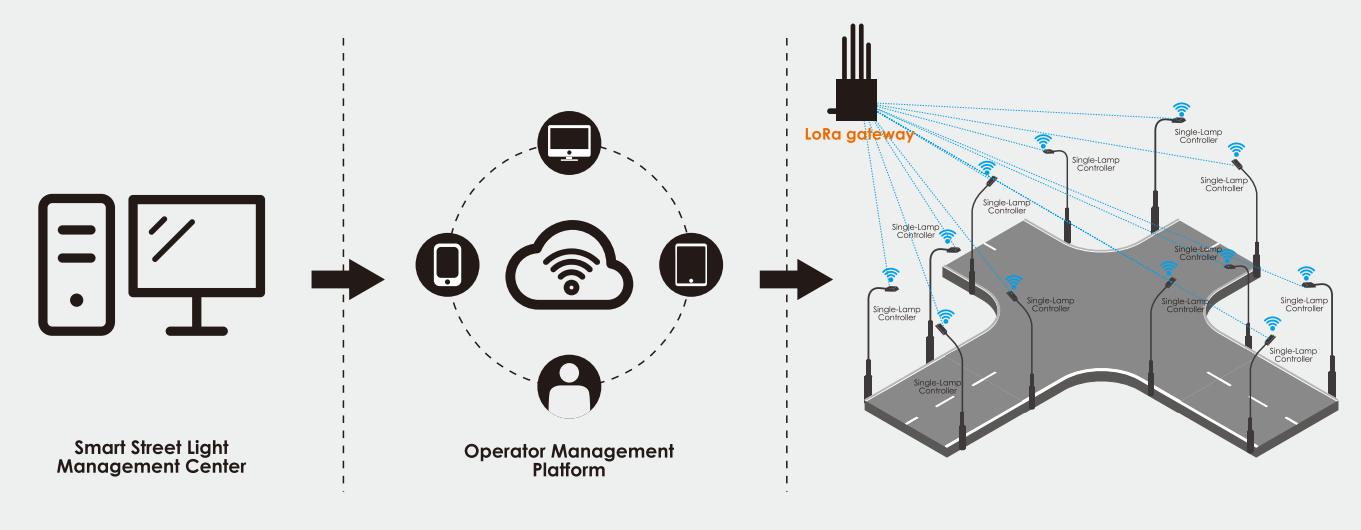
ZigBee Technology: Flexible Networking Expert for Localized Control Features

- + Self-Organizing Network: Supports star/mesh topologies with automatic fault recovery.
- + Ultra-Low Power: Sleep current $\leq 1\mu\text{A}$, battery life 5+ years.
- + High Security: AES-128 encryption prevents data tampering.



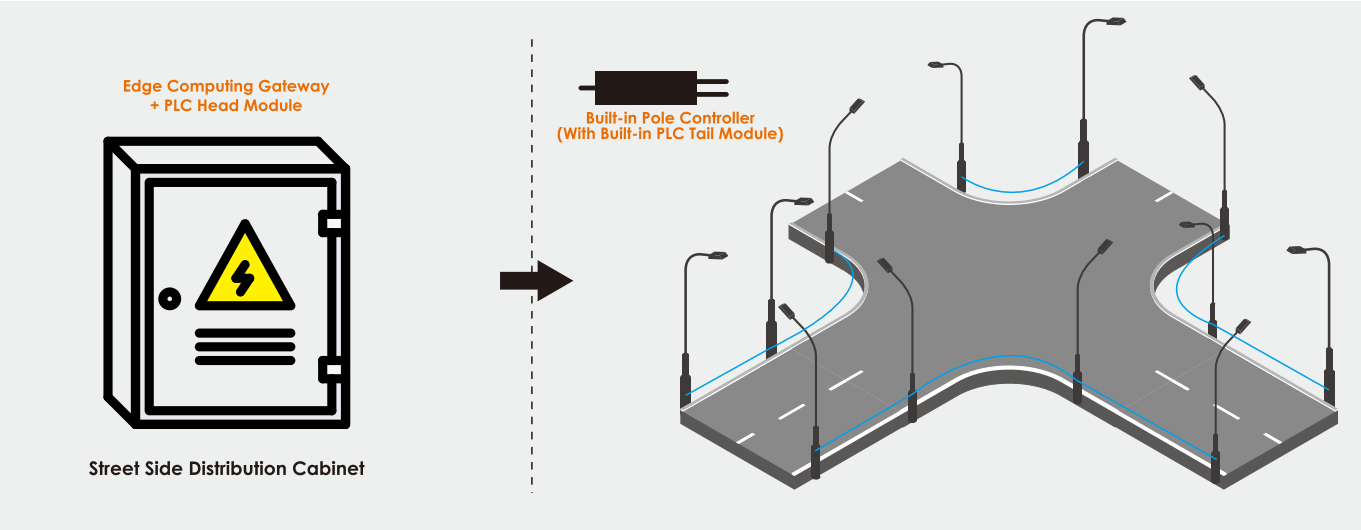
LoRa Technology: Long-Range Energy-Saving Pioneer Features

- + Extended Range: 3-5km urban / 15km suburban coverage (per gateway).
- + Zero Opex: License-free spectrum, no SIM fees.
- + Deep Penetration: Excels in mountainous/obstructed areas.



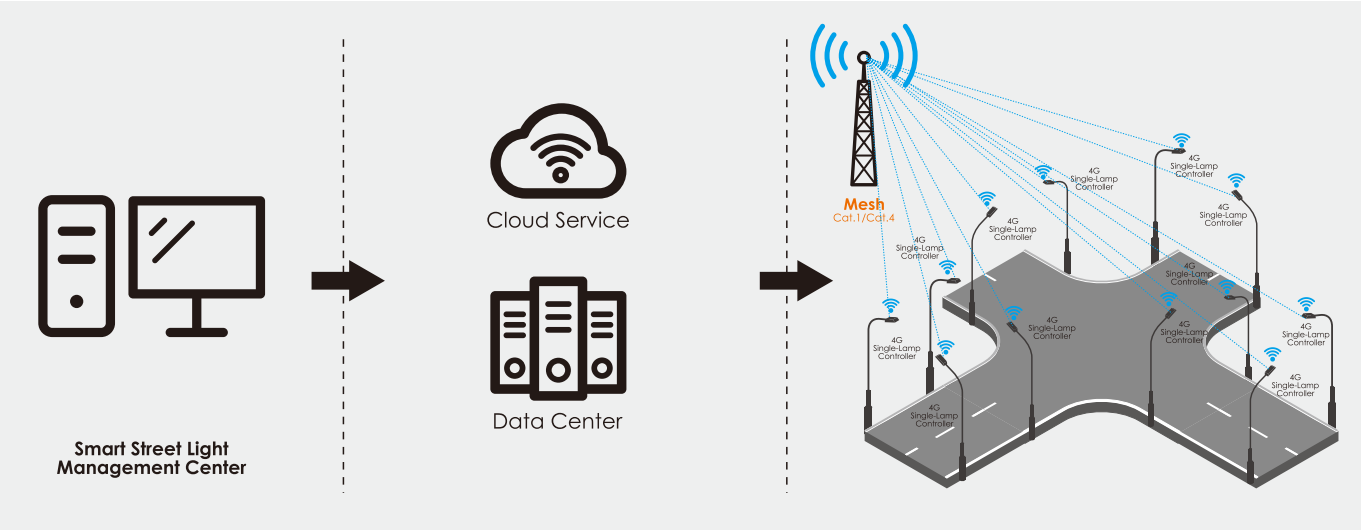
PLC (Power Line Carrier) Technology: Wiring-Free Interference ResistanceFeatures

- + Zero New Wiring: Uses existing power lines, cuts deployment costs by 40%.
- + Strong Anti-Interference: 99% stability in metal-pole environments.
- + Industrial Protection: IP65-rated against lightning/humidity.



Cat.1 Technology: High-Speed Mobile Benchmark Features

- + 100ms Response: Enables real-time strategies (e.g., storm-triggered brightness).
- + Seamless Coverage: Leverages existing 4G infrastructure.
- + Multi-Function: Optional leakage detection, Beidou GPS, edge computing.







LINOS SERIES
(NANO, MICRO,
MINI)
20W-120W



FEATURES

- + LINOS street light: 20W to 300W, available in five designs.
- + Options: 3/5/7-pin NEMA/zhaga socket or infrared sensor for control.
- + SKD kits (Lenses, Glass, Cover, Electrical parts) for fast assembly.
- + Standard 60mm adjustable spigot for all models.
- + Tool-free access to drivers by opening the top cover.
- + 50x50mm lenses; supports 2835/3030/5050 LEDs (up to 190 lm/W).
- + 6-in-1 or 8-in-1 lenses with Type 2/3/4/5 light distributions.
- + Separate electronics and light units for better cooling and longevity.
- + Smooth, self-cleaning back design.
- + Spigot adjusts $\pm 20^\circ$ in 2.5° steps.
- + Built-in gradienter for easy levelling.
- + Fits both Class I and Class II LED drivers.
- + Options: Single light controller, Zhaga module, power switch.

APPLICATION

Collector road, Local road, Residential road, Country road.

TECHNICAL PARAMETER

Model No.	System Power	Luminous Efficiency	Structure Description	Weight(kg)
MS-ST2001020	20W	130-190lm/W	Die-casting aluminum	3.8
MS-ST2002030	30W	130-190lm/W	Die-casting aluminum	3.8
MS-ST2003040	40W	130-190lm/W	Die-casting aluminum	3.8
MS-ST2004050	50W	130-190lm/W	Die-casting aluminum	3.8
MS-ST2005060	60W	130-190lm/W	Die-casting aluminum	4.7
MS-ST2006070	70W	130-190lm/W	Die-casting aluminum	4.7
MS-ST2007080	80W	130-190lm/W	Die-casting aluminum	4.7
MS-ST2008090	90W	130-190lm/W	Die-casting aluminum	5.1
MS-ST2009100	100W	130-190lm/W	Die-casting aluminum	5.1
MS-ST2010110	110W	130-190lm/W	Die-casting aluminum	5.1
MS-ST2011120	120W	130-190lm/W	Die-casting aluminum	5.1

PRODUCT SIZES

Model No.	System Power	Product Size(L*W*H)mm
Linus Nano	20W-50W	563*215*105
Linus Micro	60W-80W	595*255*105
Linus Mini	90W-120W	645*255*105

IP66

IK08

CRI 70/80

50-60Hz

100-277V
220-240V

CCT 1700K-6500K

-40°C
50°C

SPD 10/20KV

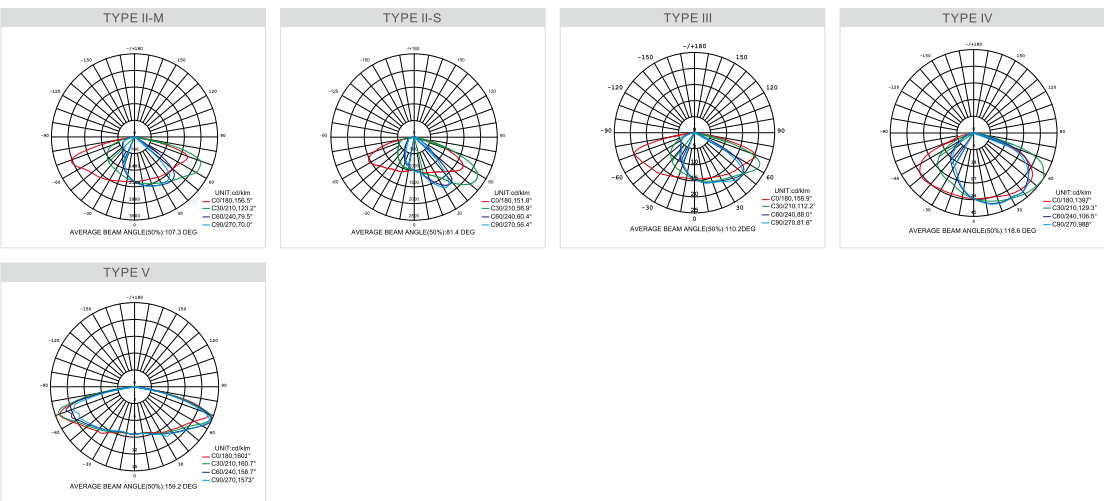
PF >0.95

100000H

20-95%RH

0-10V
DALI/D4i

LIGHT DISTRIBUTION CURVE





LINOS SERIES
(MIDI, LARGE)
130W-220W



FEATURES

- + LINOS street light: 20W to 300W, available in five designs.
- + Options: 3/5/7-pin NEMA/zhaga socket or infrared sensor for control.
- + SKD kits (Lenses, Glass, Cover, Electrical parts) for fast assembly.
- + Standard 60mm adjustable spigot for all models.
- + Tool-free access to drivers by opening the top cover.
- + 50x50mm lenses; supports 2835/3030/5050 LEDs (up to 190 lm/W).
- + 6-in-1 or 8-in-1 lenses with Type 2/3/4/5 light distributions.
- + Separate electronics and light units for better cooling and longevity.
- + Smooth, self-cleaning back design.
- + Spigot adjusts $\pm 20^\circ$ in 2.5° steps.
- + Built-in gradienter for easy levelling.
- + Fits both Class I and Class II LED drivers.
- + Options: Single light controller, Zhaga module, power switch.

APPLICATION

Collector road, Local road, Residential road, Country road.

TECHNICAL PARAMETER

Model No.	System Power	Luminous Efficiency	Structure Description	Weight(kg)
MS-ST2012130	130W	130-190lm/W	Die-casting aluminum	6.1
MS-ST2013140	140W	130-190lm/W	Die-casting aluminum	6.1
MS-ST2014150	150W	130-190lm/W	Die-casting aluminum	6.1
MS-ST2015160	160W	130-190lm/W	Die-casting aluminum	6.1
MS-ST2016170	170W	130-190lm/W	Die-casting aluminum	7.2
MS-ST2017180	180W	130-190lm/W	Die-casting aluminum	7.2
MS-ST2018190	190W	130-190lm/W	Die-casting aluminum	7.2
MS-ST2019200	200W	130-190lm/W	Die-casting aluminum	7.2
MS-ST2020210	210W	130-190lm/W	Die-casting aluminum	7.2
MS-ST2021220	220W	130-190lm/W	Die-casting aluminum	7.2

PRODUCT SIZES

Model No.	System Power	Product Size(L*W*H)mm
Linos Midi	130W-160W	695*280*105
Linos Large	170W-220W	760*300*105

IP66

IK08

CRI 70/80

50-60Hz

100-277V
220-240V

CCT 1700K-6500K

-40°C
50°C

SPD 10/20KV

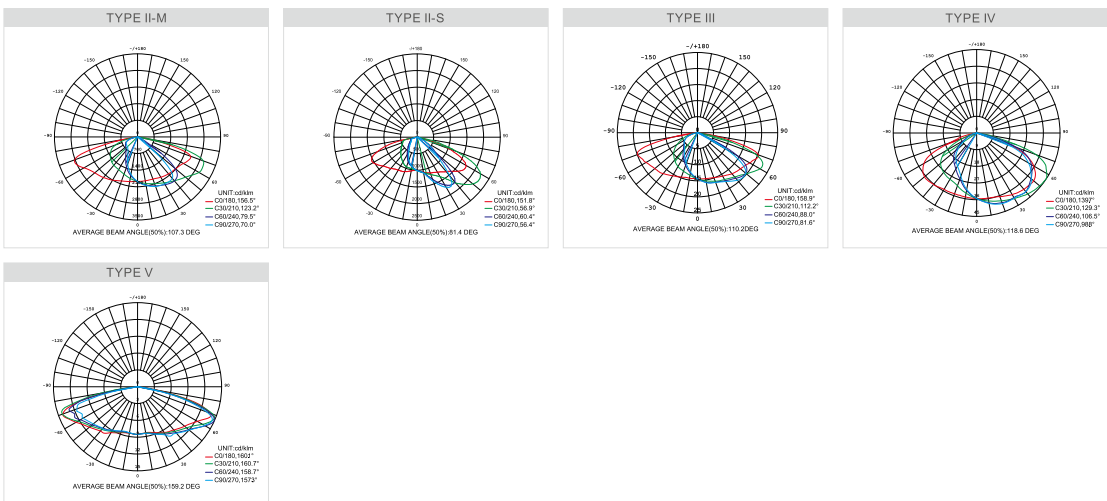
PF >0.95

100000H

20-95%RH

0-10V
DALI/D4i

LIGHT DISTRIBUTION CURVE





LINOS SERIES
(MAXI)
230W-300W



FEATURES

- + LINOS street light: 20W to 300W, available in five designs.
- + Options: 3/5/7-pin NEMA/zhaga socket or infrared sensor for control.
- + SKD kits (Lenses, Glass, Cover, Electrical parts) for fast assembly.
- + Standard 60mm adjustable spigot for all models.
- + Tool-free access to drivers by opening the top cover.
- + 50x50mm lenses; supports 2835/3030/5050 LEDs (up to 190 lm/W).
- + 6-in-1 or 8-in-1 lenses with Type 2/3/4/5 light distributions.
- + Separate electronics and light units for better cooling and longevity.
- + Smooth, self-cleaning back design.
- + Spigot adjusts $\pm 20^\circ$ in 2.5° steps.
- + Built-in gradienter for easy levelling.
- + Fits both Class I and Class II LED drivers.
- + Options: Single light controller, Zhaga module, power switch.

APPLICATION

Collector road, Local road, Residential road, Country road.

TECHNICAL PARAMETER

Model No.	System Power	Luminous Efficiency	Structure Description	Weight(kg)
MS-ST2022230	230W	130-190lm/W	Die-casting aluminum	10.4
MS-ST2023240	240W	130-190lm/W	Die-casting aluminum	10.4
MS-ST2024250	250W	130-190lm/W	Die-casting aluminum	10.4
MS-ST2025260	260W	130-190lm/W	Die-casting aluminum	10.4
MS-ST2026270	270W	130-190lm/W	Die-casting aluminum	10.4
MS-ST2027280	280W	130-190lm/W	Die-casting aluminum	10.4
MS-ST2028290	290W	130-190lm/W	Die-casting aluminum	10.4
MS-ST2029300	300W	130-190lm/W	Die-casting aluminum	10.4

PRODUCT SIZES

Model No.	System Power	Product Size(L*W*H)mm
Linos Maxi	230W-300W	835*335*108

IP66

IK08

CRI 70/80

50-60Hz

100-277V
220-240V

CCT 1700K-6500K

-40°C
50°C

SPD 10/20KV

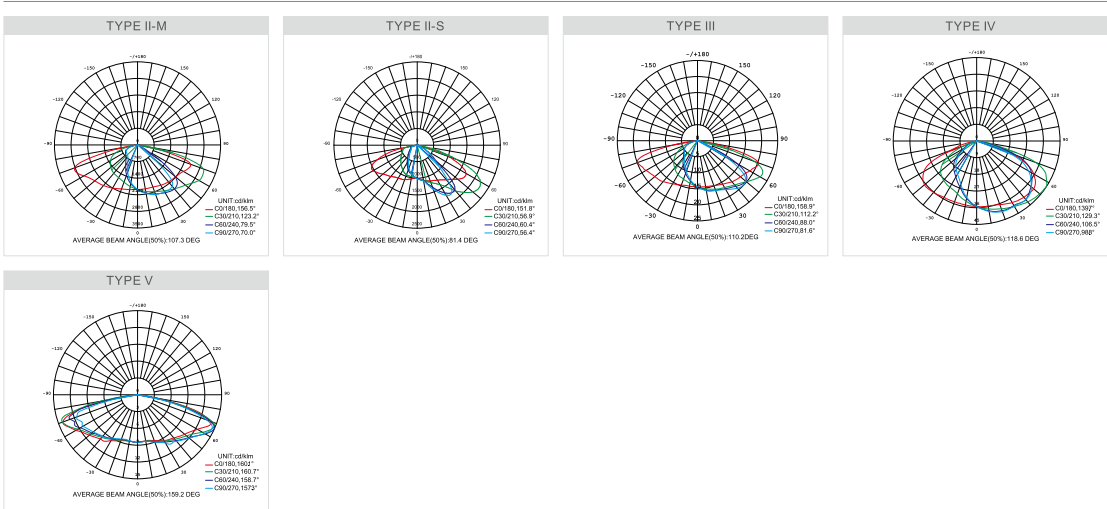
PF >0.95

100000H

20-95%RH

0-10V
DALI/D4i

LIGHT DISTRIBUTION CURVE





LAMIS SERIES

20W-100W



FEATURES

- + LAMIS street light: 20W to 200W, available in five sizes.
- + Integrated $\phi 60\text{mm}$ arm; adaptable to $\phi 50\text{mm}$ with pads.
- + Pre-drilled holes for optional 3 to 7-pin photocontrol.
- + One-piece lens with up to 180 lm/W efficacy.
- + Top-open design for easy access.
- + Upper cover and electrical parts are quick to remove/replace.
- + Optional automatic power disconnection switch.
- + Optional lenses: Type 2, 3, 4, or 5 distributions.
- + Optional light sources: 3030, 2835, or 5050 LEDs.
- + Light-electric separation structure for lower temperature and longer life.
- + Back heat-dissipation bars for improved thermal management.

APPLICATION

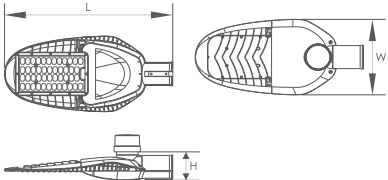
Collector road, Local road, Residential road, Country road.

TECHNICAL PARAMETER

Model No.	System Power	Luminous Efficiency	Structure Description	Weight(kg)
MS-ST2030020	20W	130-190lm/W	Die-casting aluminum	3.6
MS-ST2031030	30W	130-190lm/W	Die-casting aluminum	3.6
MS-ST2032040	40W	130-190lm/W	Die-casting aluminum	3.6
MS-ST2033050	50W	130-190lm/W	Die-casting aluminum	3.6
MS-ST2034060	60W	130-190lm/W	Die-casting aluminum	4.6
MS-ST2035070	70W	130-190lm/W	Die-casting aluminum	4.6
MS-ST2036080	80W	130-190lm/W	Die-casting aluminum	4.6
MS-ST2037090	90W	130-190lm/W	Die-casting aluminum	4.6
MS-ST2038100	100W	130-190lm/W	Die-casting aluminum	4.6
MS-ST2039110	110W	130-190lm/W	Die-casting aluminum	5.6
MS-ST2040120	120W	130-190lm/W	Die-casting aluminum	5.6
MS-ST2041130	130W	130-190lm/W	Die-casting aluminum	5.6
MS-ST2042140	140W	130-190lm/W	Die-casting aluminum	5.6
MS-ST2043150	150W	130-190lm/W	Die-casting aluminum	5.6
MS-ST2044160	160W	130-190lm/W	Die-casting aluminum	7.6
MS-ST2045170	170W	130-190lm/W	Die-casting aluminum	7.6
MS-ST2046180	180W	130-190lm/W	Die-casting aluminum	7.6
MS-ST2047190	190W	130-190lm/W	Die-casting aluminum	7.6
MS-ST2048200	200W	130-190lm/W	Die-casting aluminum	7.6

PRODUCT SIZES

Model No.	System Power	Product Size(L*W*H)mm
Lamis Micro	20W-50W	438*196*67mm
Lamis Mini	60W-100W	511*229*77mm
Lamis Midi	110W-150W	570*265*96mm
Lamis Large	160W-200W	640*304*104mm



IP66

IK08

CRI 70/80

50-60Hz

100-277V
220-240V

CCT 1700K-6500K

-40°C
50°C

SPD 10/20KV

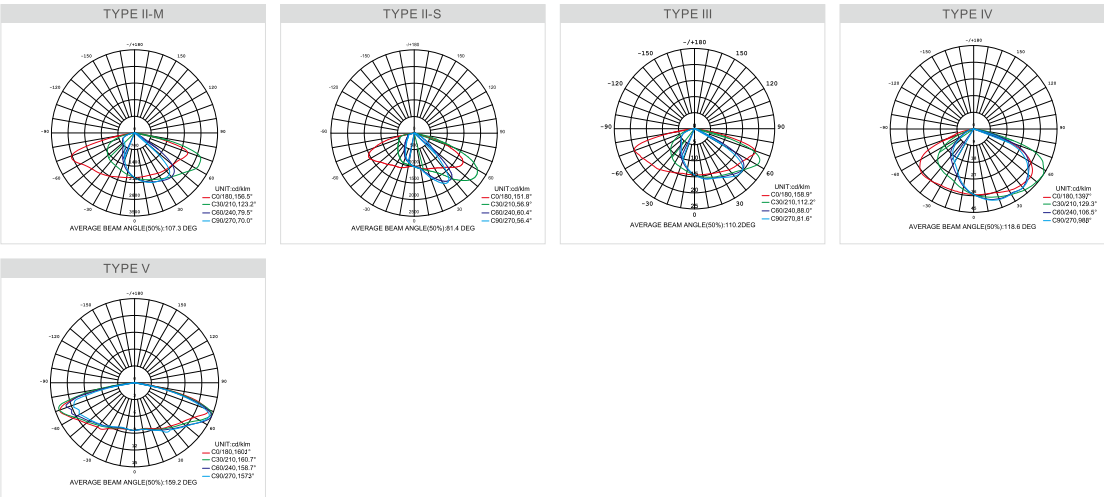
PF >0.95

100000H

20-95%RH

0-10V/DALI

LIGHT DISTRIBUTION CURVE





ORO SERIES
(MICRO, MINI,
MIDI)
20W-130W



FEATURES

- + Standard efficiency: 130-180 lm/W.
- + High-transmittance tempered glass.
- + UV-resistant PC lens.
- + One-piece die-cast heat sink.
- + Curved design for self-cleaning (prevents dirt buildup).
- + Optional 10kV/20kV surge protection.
- + Supports various sensors and control methods.

APPLICATION

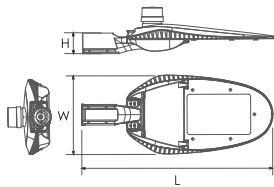
Collector road, Local road etc.

TECHNICAL PARAMETER

Model No.	System Power	Luminous Efficiency	Structure Description	Weight(kg)
MS-ST802020	20W	130-180lm/W	Die-casting aluminum	2.7
MS-ST803030	30W	130-180lm/W	Die-casting aluminum	2.7
MS-ST804035	35W	130-180lm/W	Die-casting aluminum	2.7
MS-ST805020	20W	130-180lm/W	Die-casting aluminum	4.3
MS-ST806030	30W	130-180lm/W	Die-casting aluminum	4.3
MS-ST807040	40W	130-180lm/W	Die-casting aluminum	4.3
MS-ST808050	50W	130-180lm/W	Die-casting aluminum	4.3
MS-ST809060	60W	130-180lm/W	Die-casting aluminum	4.3
MS-ST810070	70W	130-180lm/W	Die-casting aluminum	4.3
MS-ST812080	80W	130-180lm/W	Die-casting aluminum	7.1
MS-ST813090	90W	130-180lm/W	Die-casting aluminum	7.1
MS-ST814100	100W	130-180lm/W	Die-casting aluminum	7.1
MS-ST815110	110W	130-180lm/W	Die-casting aluminum	7.1
MS-ST816120	120W	130-180lm/W	Die-casting aluminum	7.1
MS-ST817130	130W	130-180lm/W	Die-casting aluminum	7.1

PRODUCT SIZES

Model No.	System Power	Product Size(L*W*H)mm
ORO Micro	20W-35W	516*196*79
ORO Mini	20W-70W	608*245*88
ORO Midi	80W-130W	699*287*112



IP66

IK09

CRI 70/80

50-60Hz

100-277V
220-240V

CCT 1700K-6500K

-40°C
50°C

SPD 10/20KV

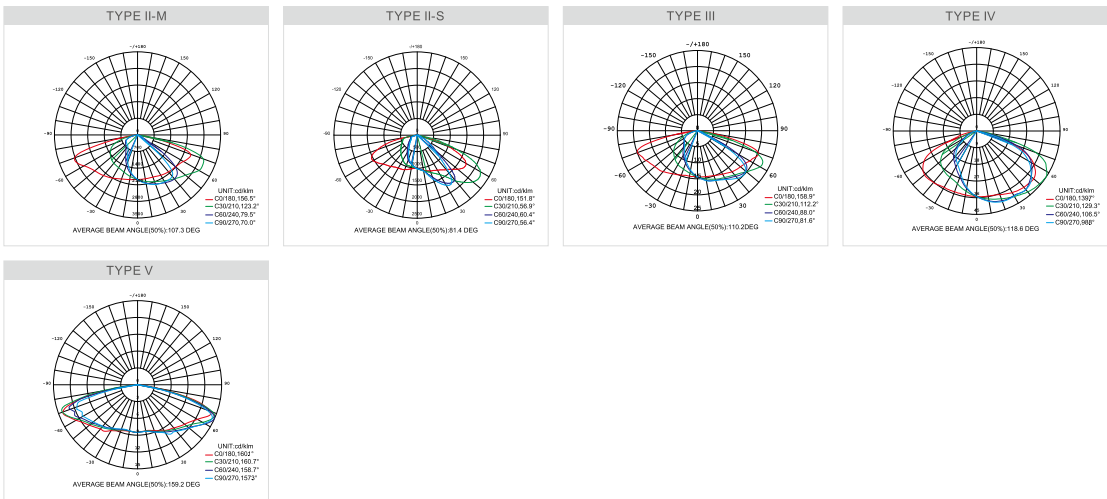
PF >0.95

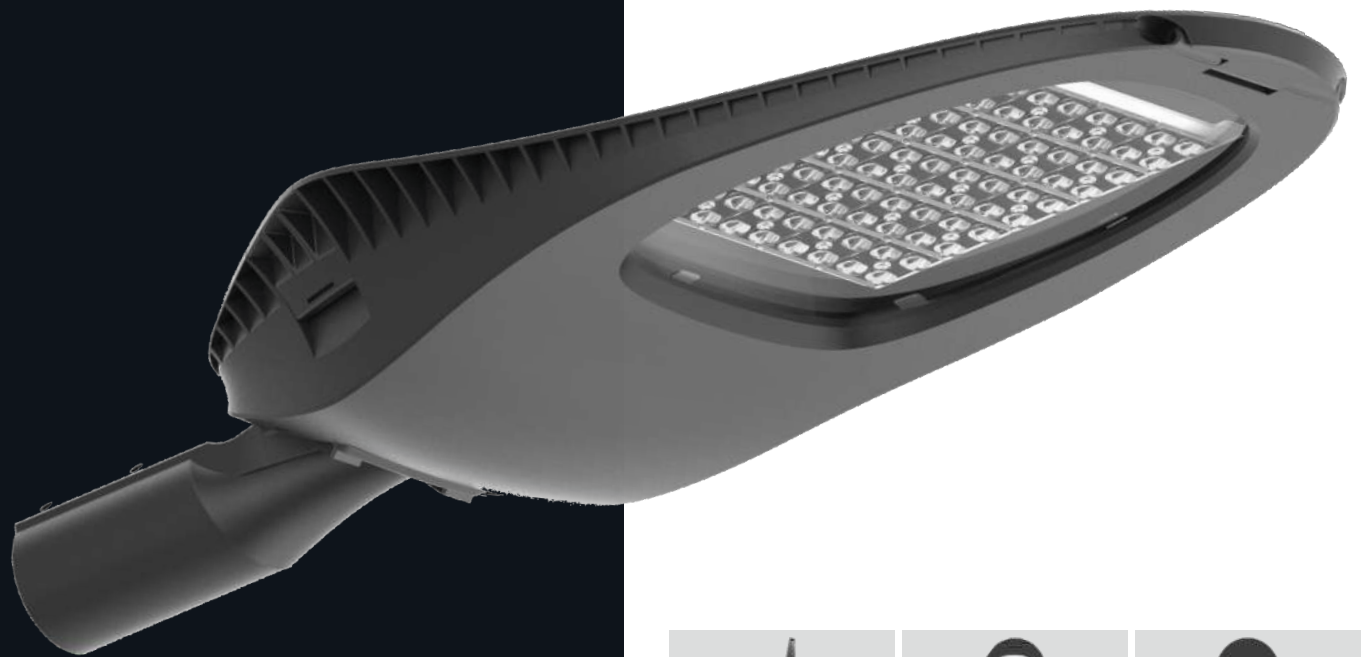
100000H

20-95%RH

0-10V/DALI

LIGHT DISTRIBUTION CURVE





ORO SERIES
(LARGE)
20W-130W



FEATURES

- + IP66 waterproof rating.
- + IK09 impact resistance.
- + Robust structure for enhanced stability.
- + High-transmittance tempered glass protects the lens and minimizes lumen depreciation.
- + Tool-free access for easy installation and maintenance.
- + Automatic power disconnect switch for added safety.
- + Supports side and top mounting with $\pm 15^\circ$ tilt adjustment.
- + Wide voltage range (AC100-277V) for global use.

APPLICATION

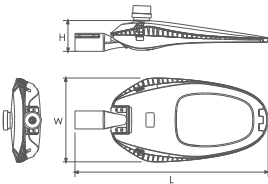
City expressway, Major road, Collector road, Local road etc.

TECHNICAL PARAMETER

Model No.	System Power	Luminous Efficiency	Structure Description	Weight(kg)
MS-ST818100	100W	130-160lm/W	Die-casting aluminum	11.1
MS-ST819110	110W	130-160lm/W	Die-casting aluminum	11.1
MS-ST820120	120W	130-160lm/W	Die-casting aluminum	11.1
MS-ST821130	130W	130-160lm/W	Die-casting aluminum	11.1
MS-ST822140	140W	130-160lm/W	Die-casting aluminum	11.1
MS-ST823150	150W	130-160lm/W	Die-casting aluminum	11.1
MS-ST824160	160W	130-160lm/W	Die-casting aluminum	11.1
MS-ST825170	170W	130-160lm/W	Die-casting aluminum	11.1

PRODUCT SIZES

Model No.	System Power	Product Size(L*W*H)mm
ORO Large	100W-170W	818*350*132



IP66

IK09

CRI 70/80

50-60Hz

100-277V
220-240V

CCT 1700K-6500K

-40°C
50°C

SPD 10/20KV

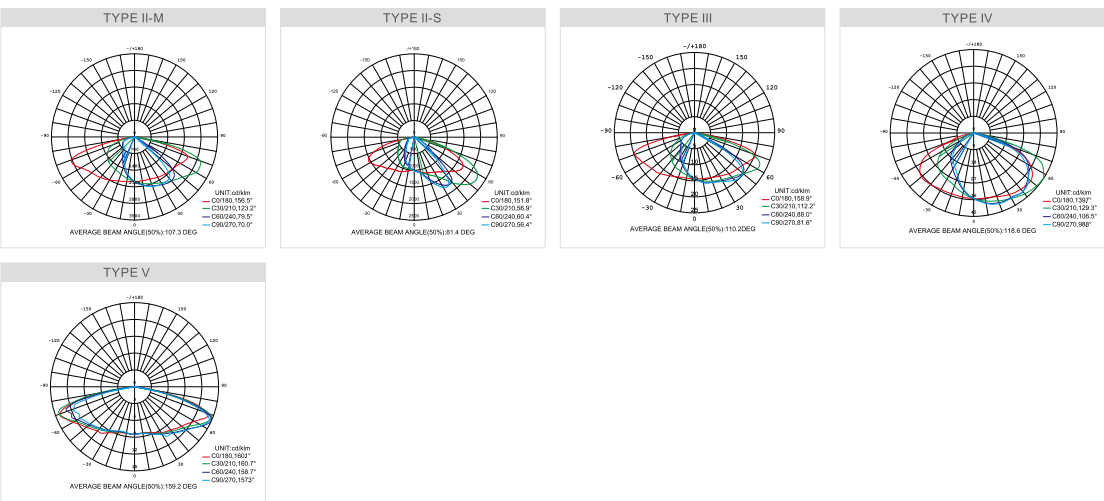
PF >0.95

100000H

20-95%RH

0-10V/DALI

LIGHT DISTRIBUTION CURVE





ORO SERIES
(MAXI)
140W-300W



FEATURES

- + IP66 waterproof rating.
- + IK09 impact resistance.
- + Robust structure for enhanced stability.
- + High-transmittance tempered glass protects the lens and minimizes lumen depreciation.
- + Tool-free access for easy installation and maintenance.
- + Automatic power disconnect switch for added safety.
- + Supports side and top mounting with $\pm 15^\circ$ tilt adjustment.
- + Wide voltage range (AC100-277V) for global use.

APPLICATION

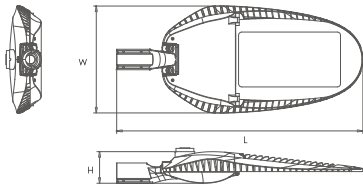
City expressway, Major road, Collector road, Local road etc.

TECHNICAL PARAMETER

Model No.	System Power	Luminous Efficiency	Structure Description	Weight(kg)
MS-ST1114140	140W	130-180lm/W	Die-casting aluminum	11.2
MS-ST1115150	150W	130-180lm/W	Die-casting aluminum	11.2
MS-ST1116160	160W	130-180lm/W	Die-casting aluminum	11.2
MS-ST1117170	170W	130-180lm/W	Die-casting aluminum	11.2
MS-ST1118180	180W	130-180lm/W	Die-casting aluminum	11.2
MS-ST1119190	190W	130-180lm/W	Die-casting aluminum	11.2
MS-ST1120200	200W	130-180lm/W	Die-casting aluminum	11.2
MS-ST1121210	210W	130-180lm/W	Die-casting aluminum	11.2
MS-ST1122220	220W	130-180lm/W	Die-casting aluminum	11.2
MS-ST1123230	230W	130-180lm/W	Die-casting aluminum	11.2
MS-ST1124240	240W	130-180lm/W	Die-casting aluminum	11.2
MS-ST1125250	250W	130-180lm/W	Die-casting aluminum	11.2
MS-ST1126260	260W	130-180lm/W	Die-casting aluminum	11.2
MS-ST1127270	270W	130-180lm/W	Die-casting aluminum	11.2
MS-ST1128280	280W	130-180lm/W	Die-casting aluminum	11.2
MS-ST1129290	290W	130-180lm/W	Die-casting aluminum	11.2
MS-ST1130300	300W	130-180lm/W	Die-casting aluminum	11.2

PRODUCT SIZES

Model No.	System Power	Product Size(L*W*H)mm
ORO Maxi	140W-300W	902*392*116



IP66

IK09

CRI 70/80

50-60Hz

100-277V
220-240V

CCT 1700K-6500K

-40°C
50°C

SPD 10/20KV

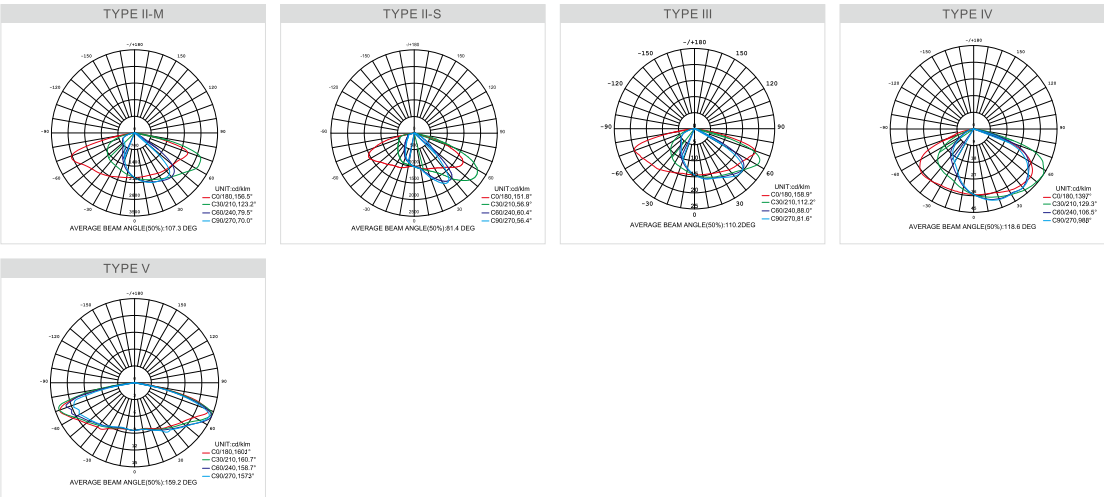
PF >0.95

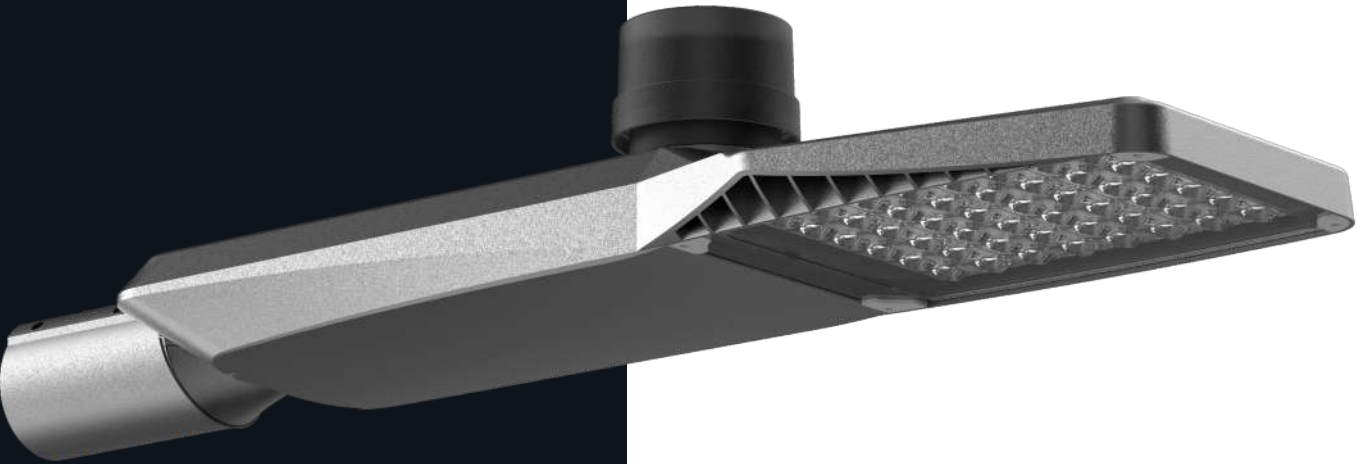
100000H

20-95%RH

DIM 0-10V/DALI

LIGHT DISTRIBUTION CURVE





VINCI SERIES
20W-180W



FEATURES

- + Die-cast aluminum housing with IP66 protection (IEC 60529).
- + IK08 impact resistance (IEC 62262, 5J impact energy).
- + High-transparency 5mm tempered glass.
- + Tool-free access to the modular driver compartment for easy maintenance.
- + Modular LED+PCB units with 6-in-1/8-in-1 lenses; Zhaga-compliant.
- + Optional Class I or Class II luminaires with high-efficiency drivers for energy savings and lower emissions.

APPLICATION

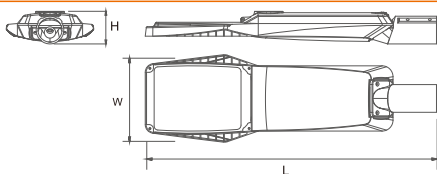
Roads, Parking lots, Roundabouts, Pedestrian, Bicycle paths, Pedestrian crossing.

TECHNICAL PARAMETER

Model No.	System Power	Luminous Efficiency	Structure Description	Weight(kg)
MS-ST1098020	20W	130-170lm/W	Die-casting aluminum	4.8
MS-ST1099030	30W	130-170lm/W	Die-casting aluminum	4.8
MS-ST1100040	40W	130-170lm/W	Die-casting aluminum	4.8
MS-ST1101050	50W	130-170lm/W	Die-casting aluminum	4.8
MS-ST1102060	60W	140-180lm/W	Die-casting aluminum	4.8
MS-ST1103070	70W	140-180lm/W	Die-casting aluminum	6.5
MS-ST1104080	80W	140-180lm/W	Die-casting aluminum	6.5
MS-ST1105090	90W	140-180lm/W	Die-casting aluminum	6.5
MS-ST1106100	100W	140-180lm/W	Die-casting aluminum	6.5
MS-ST1107110	110W	140-180lm/W	Die-casting aluminum	6.5
MS-ST1108120	120W	140-180lm/W	Die-casting aluminum	6.5
MS-ST1109130	130W	140-170lm/W	Die-casting aluminum	9.0
MS-ST1110140	140W	140-170lm/W	Die-casting aluminum	9.0
MS-ST1111150	150W	140-170lm/W	Die-casting aluminum	9.0
MS-ST1112160	160W	140-170lm/W	Die-casting aluminum	9.0
MS-ST1113170	170W	140-170lm/W	Die-casting aluminum	9.0
MS-ST1114180	180W	140-170lm/W	Die-casting aluminum	9.0

PRODUCT SIZES

Model No.	System Power	Product Size(L*W*H)mm
Vinci Micro	20W-60W	685*218*85
Vinci Mini	70W-120W	753*240*87
Vinci Midi	130W-180W	867*285*100



IP66

IK08

CRI

70/80

47-63Hz

100-240V/120-277V

220-240V

-40°C
50°C

SPD

10/20KV

PF

>0.95

100000H

20-95%RH

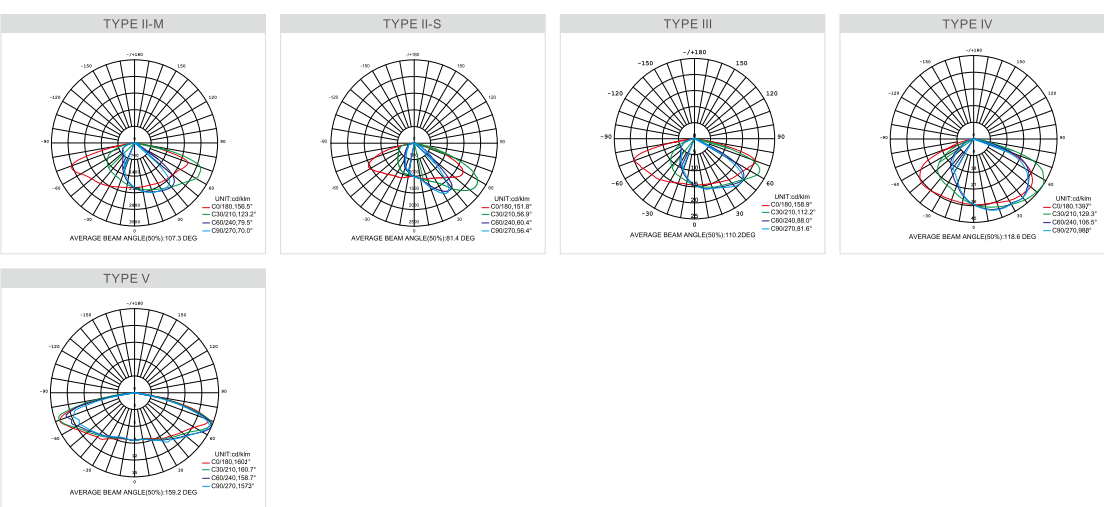
DIM

0-10V/DALI

CCT

1700K-6500K

LIGHT DISTRIBUTION CURVE





FALCON SERIES
20W-100W



FEATURES

- + NEMA-standard interface for photocontrol compatibility.
- + Smooth, non-accumulative dust back design.
- + Fits lamp arms from 42mm to 60mm.
- + IP66 waterproof rating.
- + IK10 impact resistance.
- + 10KV surge protection.

APPLICATION

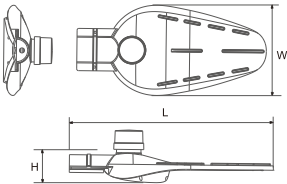
Collector road, Local road, Residential road, Country road.

TECHNICAL PARAMETER

Model No.	System Power	Luminous Efficiency	Structure Description	Weight(kg)
MS-ST881020	20W	130-150lm/W	Die-casting aluminum	1.8
MS-ST882030	30W	130-150lm/W	Die-casting aluminum	1.8
MS-ST883040	40W	130-150lm/W	Die-casting aluminum	2.2
MS-ST884050	50W	130-150lm/W	Die-casting aluminum	2.2
MS-ST885060	60W	140-170lm/W	Die-casting aluminum	3.1
MS-ST886070	70W	140-170lm/W	Die-casting aluminum	3.1
MS-ST887080	80W	140-170lm/W	Die-casting aluminum	3.1
MS-ST888090	90W	140-170lm/W	Die-casting aluminum	3.1
MS-ST889100	100W	140-170lm/W	Die-casting aluminum	3.1

PRODUCT SIZES

Model No.	System Power	Product Size(L*W*H)mm
Falcon Nano	20W-30W	350*165*64
Falcon Micro	40W-50W	420*200*71
Falcon Mini	60W-100W	546*260*80



IP66

IK10

CRI 70/80

47-63Hz

100-240V/120-277V
220-240V

-40°C
50°C

SPD 10KV

PF >0.95

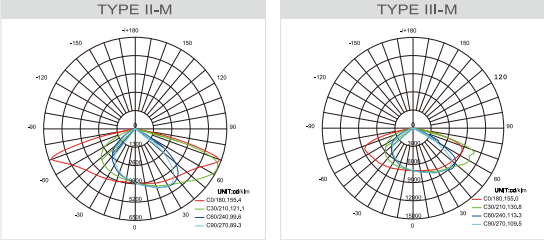
100000H

20-95%RH

0-10V/DALI

CCT 1700K-6500K

LIGHT DISTRIBUTION CURVE





FALCON SERIES
110W-150W



FEATURES

- + NEMA-standard interface for photocontrol compatibility.
- + Smooth, non-accumulative dust back design.
- + Fits lamp arms from 42mm to 60mm.
- + IP66 waterproof rating.
- + IK10 impact resistance.
- + 10/20KV surge protection.

APPLICATION

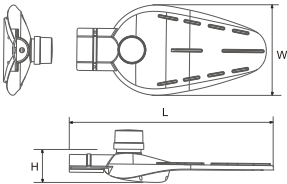
Collector road, Local road, Residential road, Country road.

TECHNICAL PARAMETER

Model No.	System Power	Luminous Efficiency	Structure Description	Weight(kg)
MS-ST1042110	110W	140-180lm/W	Die-casting aluminum	4.5
MS-ST1043120	120W	140-180lm/W	Die-casting aluminum	4.5
MS-ST1044130	130W	140-180lm/W	Die-casting aluminum	4.5
MS-ST1045140	140W	140-180lm/W	Die-casting aluminum	4.5
MS-ST1046150	150W	140-180lm/W	Die-casting aluminum	4.5

PRODUCT SIZES

Model No.	System Power	Product Size(L*W*H)mm
Falcon Midi	110W-150W	655*312*91



IP66

IK10

CRI 70/80

47-63Hz

100-240V
120-277V

CCT 1700K-6500K

-40°C
50°C

SPD 10/20KV

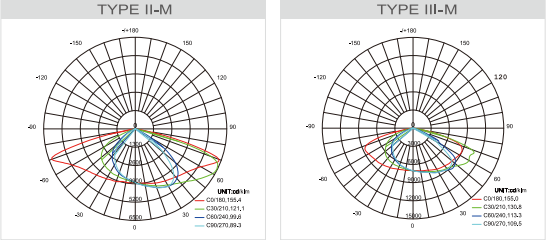
PF >0.95

100000H

20-95%RH

0-10V/DALI

LIGHT DISTRIBUTION CURVE





LEONA SOLAR
10W-120W



FEATURES

- + Stable photoelectric conversion efficiency.
- + Supports vertical or horizontal installation.
- + 360° adjustable rotation.
- + Non-corrosive ADC12 die-cast aluminum housing.
- + Custom and factory select colors available.
- + Integrated DISON IFR26650 LiFePO4 battery pack.
- + Monocrystalline silicon solar panels.
- + High color rendering: >70 CRI.
- + Long lifespan: L70 100,000 hours @ 25°C.
- + Metal Core PCB (MCPCB) for improved thermal management.
- + Optional PIR or microwave sensor.
- + Smart time-dimming control system.
- + PWM or MPPT charge controller.
- + Wide operating temperature: -20°C to +50°C.
- + High protection rating: IP66 & IK08.
- + 5-year warranty.

APPLICATION

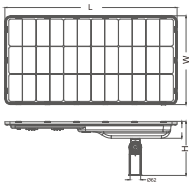
Residential Area, Roads, Parking Lot, Suares Parks, Municipal, Agriculture Lighting, Aquaculture Lightings.

TECHNICAL PARAMETER

Model No.	System Power	Luminous Efficiency	Backup Time	Sensor
MS-ST906010	10W	160-200lm/W	2-3 days autonomy	Mircoware
MS-ST907020	20W	160-200lm/W	2-3 days autonomy	Mircoware
MS-ST908030	30W	160-200lm/W	2-3 days autonomy	Mircoware
MS-ST909040	40W	160-200lm/W	2-3 days autonomy	Mircoware
MS-ST910060	60W	160-200lm/W	2-3 days autonomy	Mircoware
MS-ST911080	80W	160-200lm/W	2-3 days autonomy	Mircoware
MS-ST912100	100W	160-200lm/W	2-3 days autonomy	Mircoware
MS-ST913120	120W	160-200lm/W	2-3 days autonomy	Mircoware

PRODUCT SIZES

System Power	PV Panel	Product Size(L*W*H)mm
10W/20W	18V 30W Monocrystalline	560*360*92
30W/40W	18V 50W Monocrystalline	790*360*92
60W/80W	18V 95W Monocrystalline	1010*520*98
100W/120W	36V 145W Monocrystalline	1400*545*119



IP66

IK08

CRI 70

-20°C
50°C

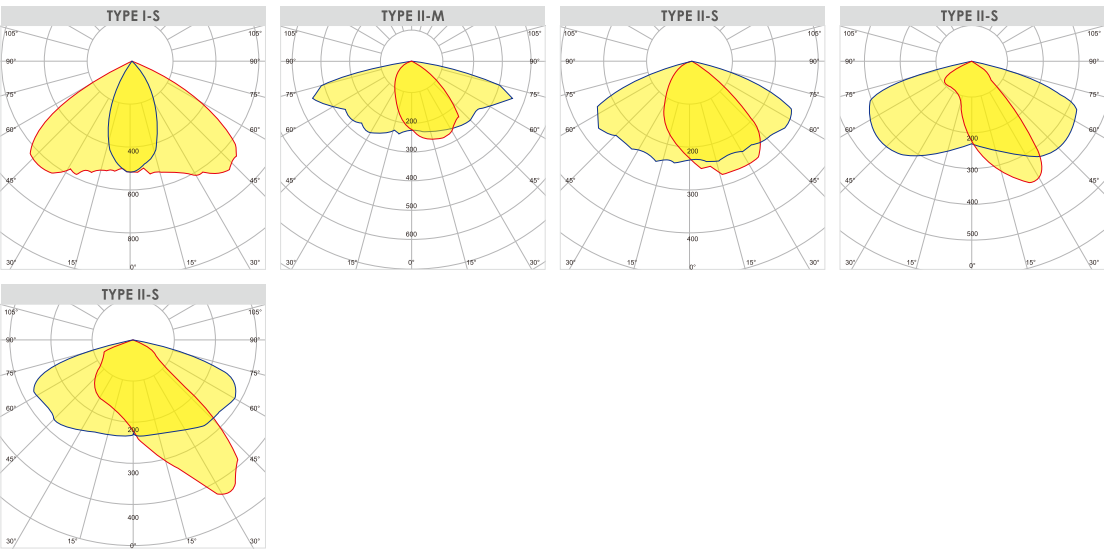
PF >0.95

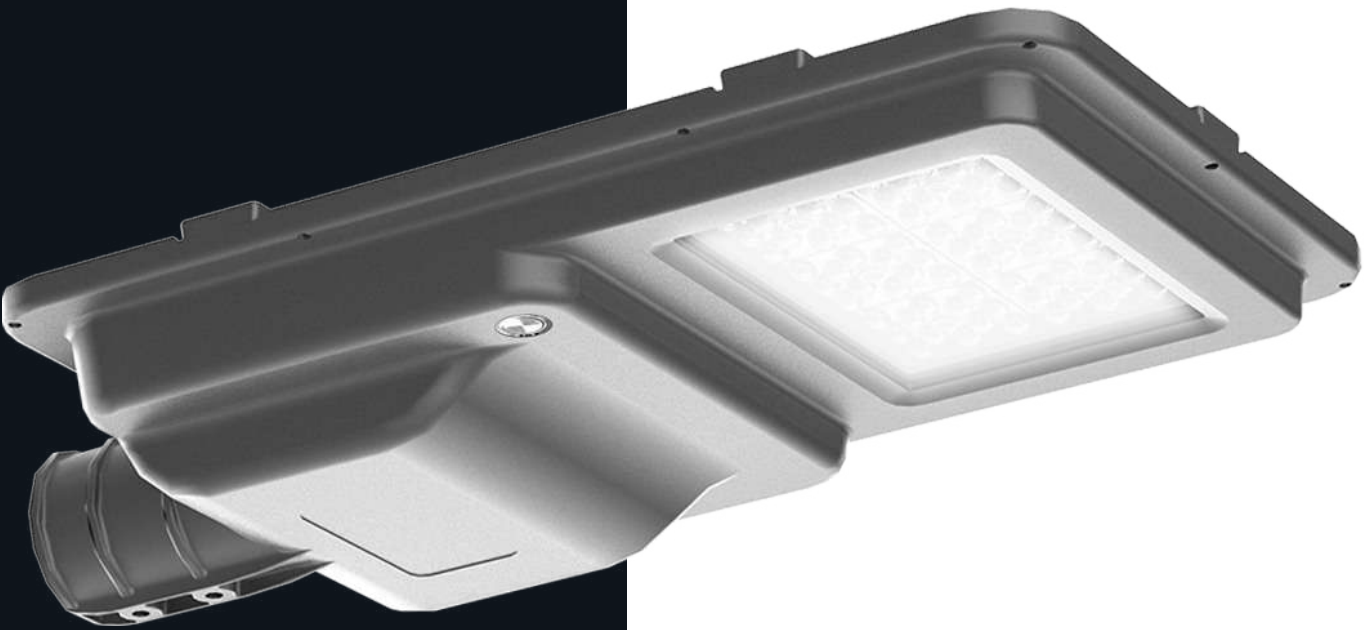
50000H

20-95%RH

CCT 1700K-6500K

LIGHT DISTRIBUTION CURVE





LEONA SL SOLAR
6W-18W



FEATURES

- + Stable photoelectric conversion efficiency.
- + Non-corrosive ADC12 die-cast aluminum housing.
- + New DISON IFR26650 LiFePO4 battery pack.
- + Monocrystalline silicon solar panels.
- + High color rendering: >70 CRI.
- + Time-based dimming control system.
- + PWM/MPPT charge controller.
- + Operating temperature: -20°C to +50°C.
- + Protection rating: IP66 & IK08.
- + 5-year warranty.

APPLICATION

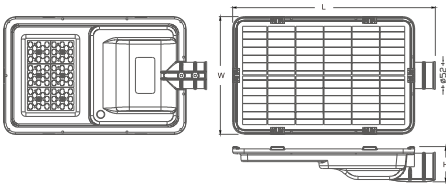
Widely used on the road, streets, and factory, park roads, rural, mountainous area and the remote area lighting project, courtyard, schools, square, and others need to place for outdoor lighting.

TECHNICAL PARAMETER

Model No.	System Power	Luminous Efficiency	Raining Day
MS-ST914006	6W	160-200lm/W	3-4 Day
MS-ST915012	12W	160-200lm/W	3-4 Day
MS-ST916018	18W	160-200lm/W	3-4 Day

PRODUCT SIZES

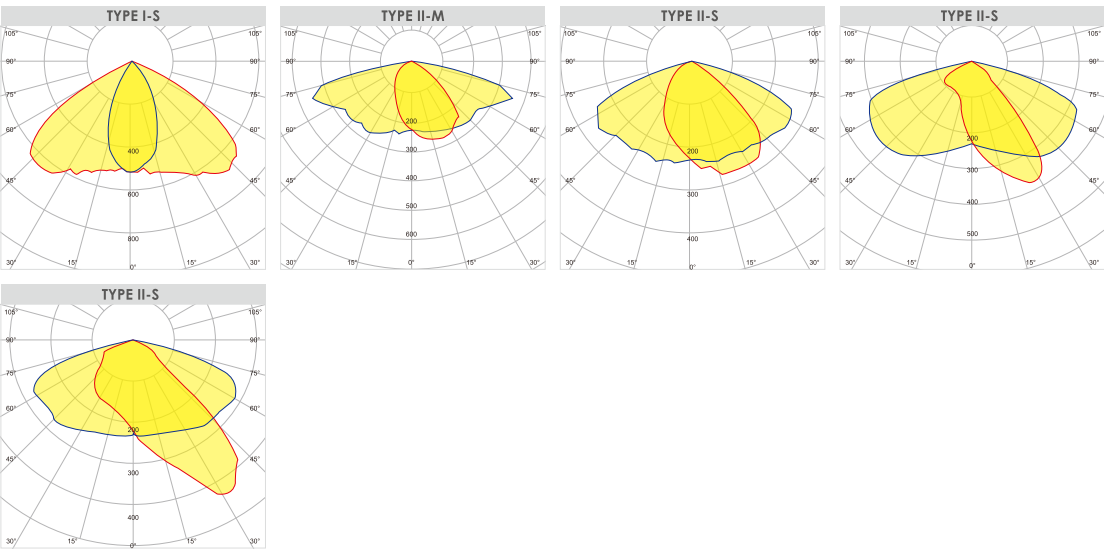
System Power	Battery Type & capacity	Product Size(L*W*H)mm
6W	LiFeO4 Battery 3.2V 10AH 32WH	340*220*65
12W	LiFeO4 Battery 3.2V 15AH 48WH	440*255*76
18W	LiFeO4 Battery 3.2V 20AH 64WH	550*255*87



IP66 IK08 CRI 70 -20°C 50°C PF >0.95 50000H

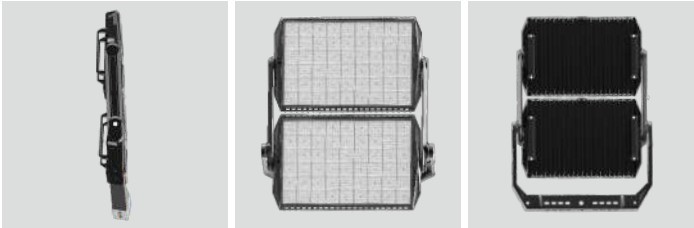
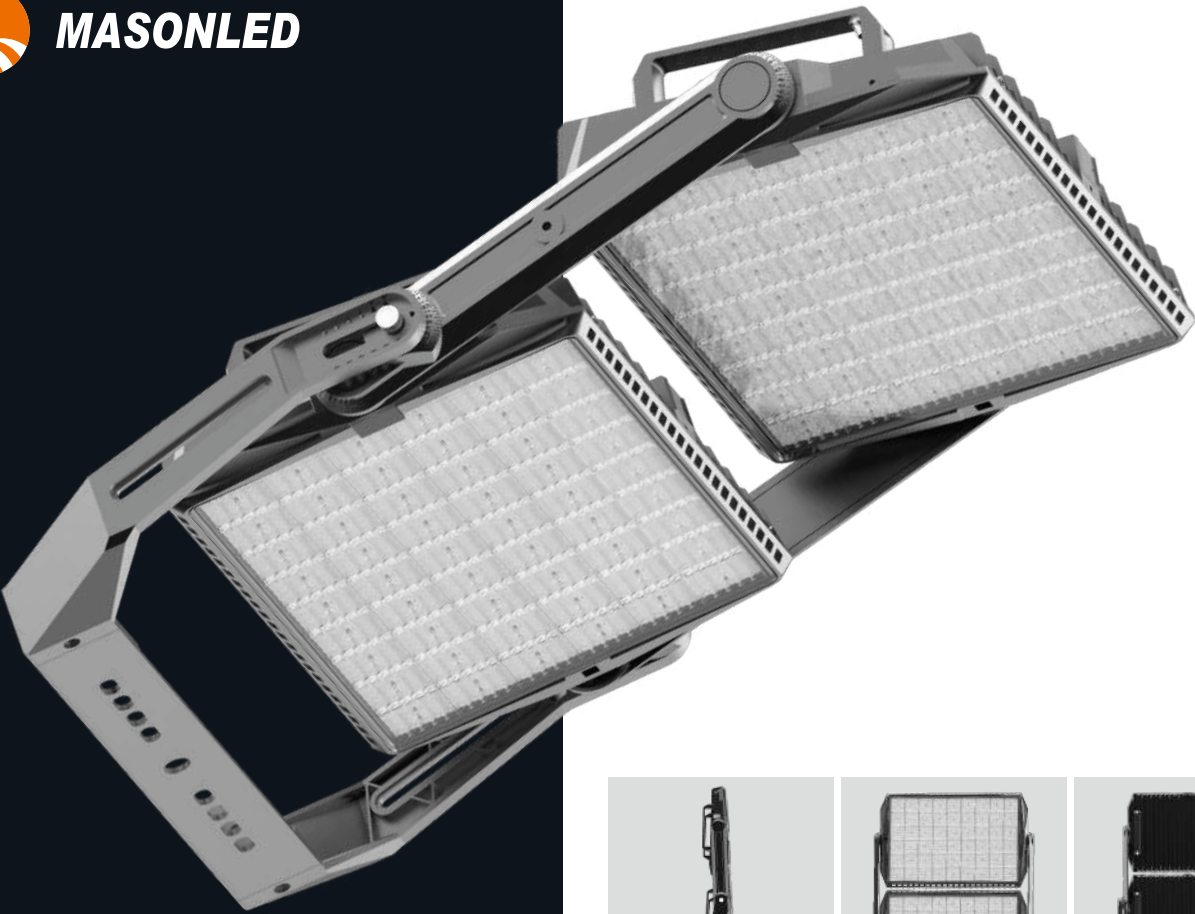
20-95%RH CCT 1700K-6500K

LIGHT DISTRIBUTION CURVE





PHANTOM SERIES
400W-1200W



FEATURES

- + Light Source: CREE/PHILIPS/OSRAM original high-power LEDs for stable color and lumen maintenance.
- + Driver: International brand driver for high reliability and stability.
- + Light Distribution: Patented secondary optics with multiple beam angles for various applications.
- + Heat Dissipation: Cold-forged radiator for efficient cooling and controlled temperature rise.
- + Appearance: Unique design with excellent visual and tactile quality.
- + Structure: Modular design to accommodate different power requirements.
- + Control System: Pre-installed interfaces for receptacle, dimming, and remote control.
- + Protection: 5mm tempered glass with IK09 and IP66 protection ratings.

APPLICATION

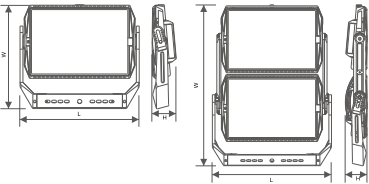
Golf courses, football fields, other outdoor courts, ports, airports, entrances and exits of railway.

TECHNICAL PARAMETER

Model No.	System Power	Luminous Efficiency	Structure Description	Weight(kg)
MS-FL1280400	400W	150-180lm/W	Die-casting	14
MS-FL1290500	500W	150-180lm/W	Die-casting	14
MS-FL1300600	600W	150-180lm/W	Die-casting	14
MS-FL1310700	700W	150-170lm/W	Die-casting	25.25
MS-FL1320800	800W	150-170lm/W	Die-casting	25.25
MS-FL1330900	900W	150-170lm/W	Die-casting	25.25
MS-FL1341000	1000W	150-170lm/W	Die-casting	25.25
MS-FL1351100	1100W	150-170lm/W	Die-casting	25.25
MS-FL1361200	1200W	150-170lm/W	Die-casting	25.25

PRODUCT SIZES

System Power	Number of Light Modules	Product Size(L*W*H)mm
400W-600W	1	535*559*113
700W-1200W	2	852*616*113



IP66

IK08

CRI 70/80

100-277V
200-480V

CCT 2000K-6500K

SPD 10/20KV

-40°C
50°C

PF >0.95

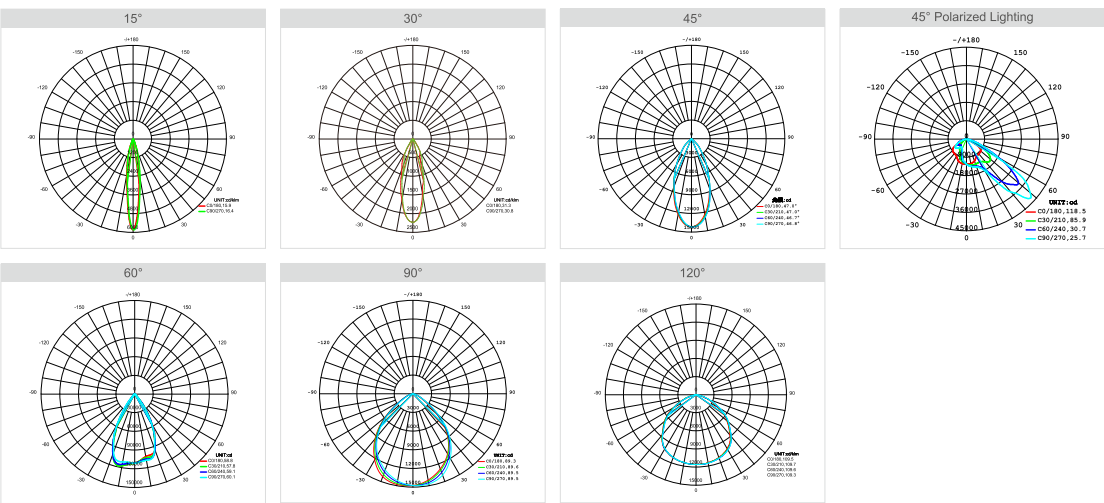
47-63Hz

100000H

20-95%RH

0-10V/DALI

LIGHT DISTRIBUTION CURVE



MASTER SERIES
High Power Modular
80W-960W



FEATURES

- + Professional optical design for precise light distribution and minimal glare.
- + 80W modules, scalable from 80W to 960W to replace 150W-2000W traditional fixtures.
- + Optional beam angles: 9°, 15°, 30°, 60°, 90°, 120°.
- + Premium components: Philips/Meanwell drivers, Cree/Osram/Lumileds LEDs, 5-year warranty.
- + High light transmittance tempered glass.
- + UV-resistant PC lens.
- + High-purity & die-cast aluminum construction.
- + Cold forging technology with anodic oxidation for enhanced safety and cooling.
- + Low luminous decay: <30% after 50,000 hours (zero decay within first 3,000 hours).
- + Compact and modular design: 150x150mm per module, 1.5kg each.
- + Easily replaceable modular design.
- + Certifications: CE, SAA (UL, ETL, VDE in process).

APPLICATION

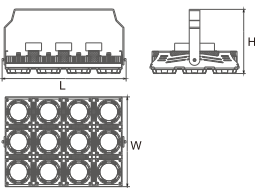
Stadium, Construction, Highmast, Tennis court, Footbal court Plaza, airport, Port, highway crossroad, Theater, Airportterminal, Gymnasium, Railway station, Warehouse, Parking lot, Tennis court, Football court, Courtyard etc.

TECHNICAL PARAMETER

Model No.	System Power	Luminous Efficiency	Structure Description	Weight(kg)
MS-FL045080	80W	135lm/W	Forging aluminium	3.5
MS-FL046160	160W	135lm/W	Forging aluminium	5.5
MS-FL047240	240W	135lm/W	Forging aluminium	7.5
MS-FL048320	320W	135lm/W	Forging aluminium	10.5
MS-FL049480	480W	135lm/W	Forging aluminium	15.5
MS-FL050640	640W	135lm/W	Forging aluminium	19.7
MS-FL051720	720W	135lm/W	Forging aluminium	22.2
MS-FL052800	800W	135lm/W	Forging aluminium	26.1
MS-FL054960	960W	135lm/W	Forging aluminium	30.5

PRODUCT SIZES

System Power	Number of Light Modules	Product Size(L*W*H)mm
80W	1	150*150*239
160W	2	354*166*239
240W	3	522*166*259
320W	4	354*336*270
480W	6	527*336*311
640W	8	527*506*342
720W	9	527*506*342
800W	10	699*506*365
960W	12	699*506*365



IP66

IK08

CRI 70/80

100-240V
120-277V

CCT 2000K-6500K

0-10V/DALI

-40°C
50°C

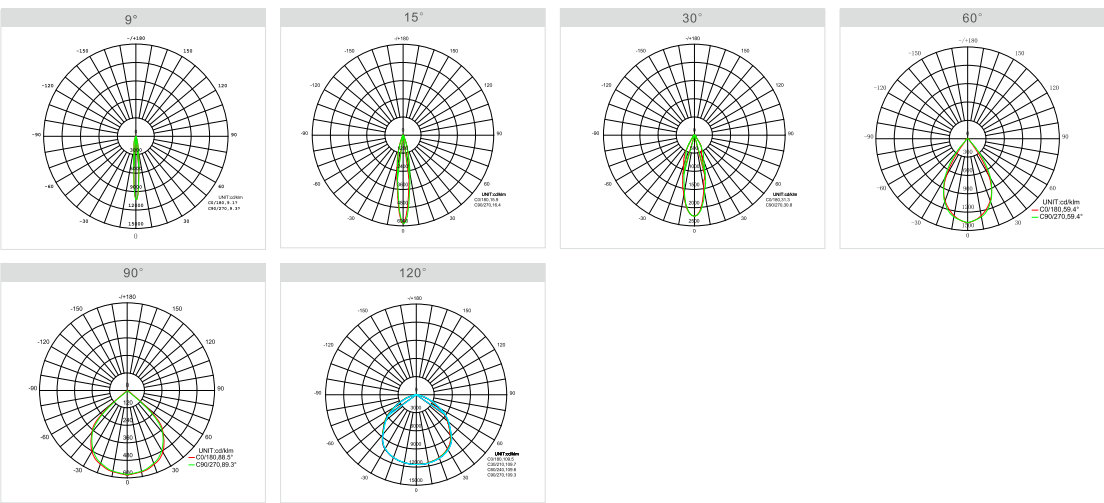
PF >0.95

47-63Hz

100000H

20-95%RH

LIGHT DISTRIBUTION CURVE





TITAN SERIES
30W-330W



FEATURES

- + High efficacy up to 145 lm/W.
- + High-purity aluminum housing.
- + Modular optical design for flexible application.
- + Premium Lumileds or Osram LED chips.
- + Original Meanwell HLG series driver (e.g., HLG-600H).
- + Multiple dimming options: 0-10V, DALI, PWM, or Timing dimming.
- + Optional sensors: Motion, Photo, or Infrared.
- + Smart control systems: PLC or ZigBee compatible.

APPLICATION

Tunnel, Building, Warehouse, High Mast, Garage, Gas station etc.

TECHNICAL PARAMETER

Model No.	System Power	Luminous Efficiency	Structure Description	Weight(kg)
MS-FL080030	30W	130-145lm/W	Die-casting +stamping aluminum	5.4
MS-FL081060	60W	130-145lm/W	Die-casting +stamping aluminum	5.4
MS-FL082090	90W	130-145lm/W	Die-casting +stamping aluminum	6.1
MS-FL083120	120W	130-145lm/W	Die-casting +stamping aluminum	6.1
MS-FL084150	150W	130-145lm/W	Die-casting +stamping aluminum	6.8
MS-FL084180	180W	130-145lm/W	Die-casting +stamping aluminum	6.8
MS-FL086210	210W	130-145lm/W	Die-casting +stamping aluminum	7.4
MS-FL087240	240W	130-145lm/W	Die-casting +stamping aluminum	7.4
MS-FL088270	270W	130-145lm/W	Die-casting +stamping aluminum	8.1
MS-FL089300	300W	130-145lm/W	Die-casting +stamping aluminum	8.1
MS-FL090330	330W	130-145lm/W	Die-casting +stamping aluminum	8.8

PRODUCT SIZES

System Power	Product Size(L*W*H)mm
30W/60W	193*342*151
90W/120W	273*342*151
150W/180W	353*342*151
210W/240W	433*342*151
270W/300W	513*342*151
330W	593*342*151

IP66

IK08

CRI 70/80

100-240V
120-277V

CCT 3000K-6500K

SPD 10/20KV

-40°C
50°C

PF >0.95

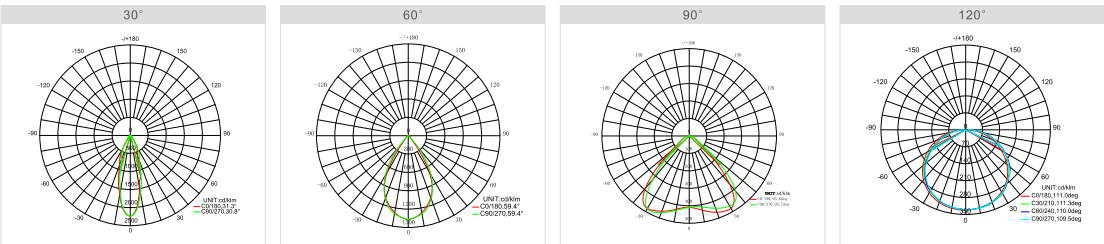
47-63Hz

50000H

20-95%RH

0-10V/DALI

LIGHT DISTRIBUTION CURVE





ARES SERIES
10W-350W



FEATURES

- + High efficiency: 130-170 lm/W.
- + Beam angles: 30°/60°/90°/120°/T2M/T3M.
- + Integrated die-cast aluminum housing with elegant appearance.
- + Efficient heat dissipation for long lifespan.
- + Tempered glass with anti-corrosion coating.
- + Protection rating: IP66.

APPLICATION

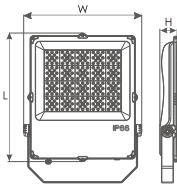
Billboard, Road, Tunnel, Bridge and culvert, Square, Building.

TECHNICAL PARAMETER

Model No.	System Power	Luminous Efficiency	Structure Description	Weight(kg)
MS-FL1361010	10W	130-170lm/W	AL+GLASS	0.5
MS-FL1362020	20W	130-170lm/W	AL+GLASS	0.98
MS-FL1363030	30W	130-170lm/W	AL+GLASS	0.98
MS-FL1364050	50W	130-170lm/W	AL+GLASS	1.5
MS-FL1365080	80W	130-170lm/W	AL+GLASS	2.6
MS-FL1365100	100W	130-170lm/W	AL+GLASS	2.6
MS-FL1366120	120W	130-170lm/W	AL+GLASS	4.0
MS-FL1366150	150W	130-170lm/W	AL+GLASS	4.0
MS-FL1367180	180W	130-170lm/W	AL+GLASS	4.7
MS-FL1367200	200W	130-170lm/W	AL+GLASS	4.7
MS-FL1368240	240W	130-170lm/W	AL+GLASS	5.7
MS-FL1369300	300W	130-170lm/W	AL+GLASS	8.5
MS-FL1370350	350W	130-170lm/W	AL+GLASS	8.5

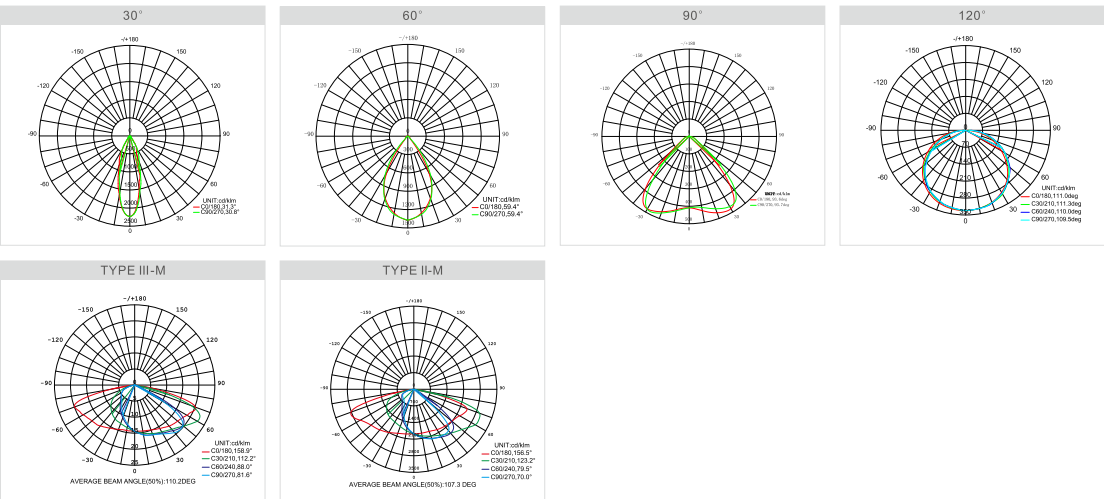
PRODUCT SIZES

System Power	Product Size(L*W*H)mm
10W	188*123*47
20W/30W	242*169*51
50W	283*220*52
80W/100W	369*278*52
120W/150W	394*392*57
180W/200W	445*392*57
240W	497*392*59
300W/350W	524*545*65



- IP66
- IK08
- CRI >70
- 100-240V
120-277V
- CCT 2700K-6500K
- SPD 10/20KV
- 20°C
50°C
- PF >0.9
- 47-63Hz
- 100000H
- 20-95%RH
- 0-10V/DALI

LIGHT DISTRIBUTION CURVE







RUDDER SERIES

100W-200W



FEATURES

- + Die-cast aluminum housing.
- + Three beam angles: 60°, 90°, or 120°.
- + Mason's proprietary design and close to "0" screw exposed external.
- + Built in power design can save 60% of space.

APPLICATION

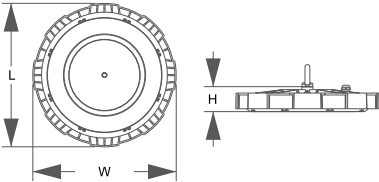
Building, Warehouse, Factory, Workshop, Super market etc.

TECHNICAL PARAMETER

Model No.	System Power	Luminous Efficiency	Structure Description	Weight(kg)
MS-SP321100	100W	130-160lm/W	Die casting aluminium	1.2
MS-SP322150	150W	130-160lm/W	Die casting aluminium	1.8
MS-SP323200	200W	130-160lm/W	Die casting aluminium	2.4

PRODUCT SIZES

System Power	Product Size(φ*H)mm
100W	φ250*51
150W	φ293*51
200W	φ335*51



IP65

CRI 80

20-95%RH

50-60Hz

CCT 3000K-6500K

0-10V/DALI

IK08

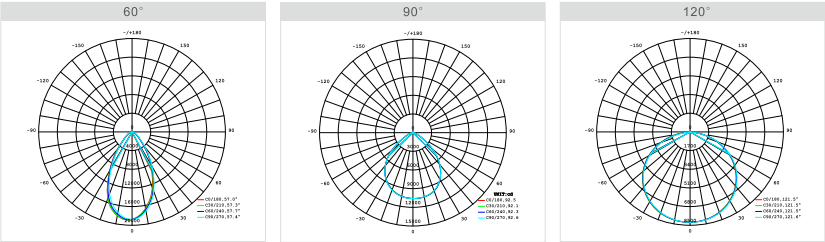
PF >0.9

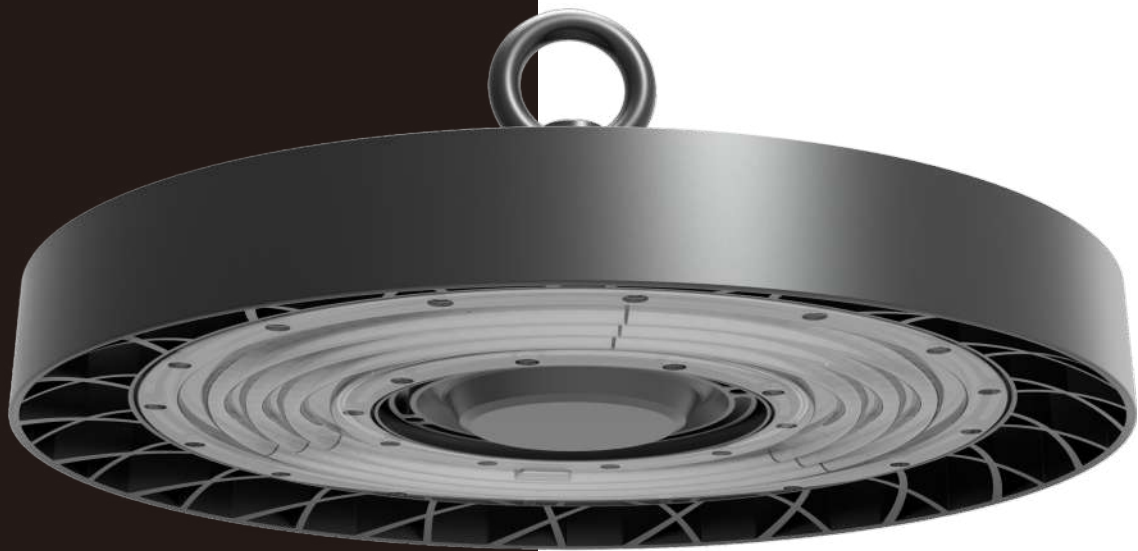
-20°C
45°C

>50000H

220-240V
100-277V

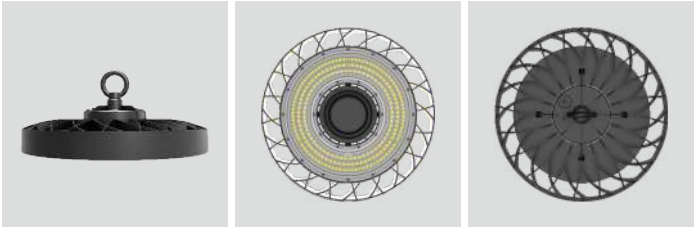
LIGHT DISTRIBUTION CURVE





LUNA SERIES

100W-200W



FEATURES

- + Die-cast aluminum housing.
- + Optional beam angles: 60°, 90°, or 120°.
- + Unique style with Mason's proprietary design.
- + Branded LED drivers and components.
- + Easy installation and quick replacement.
- + Flexible solutions for various efficiency and lumen outputs.

APPLICATION

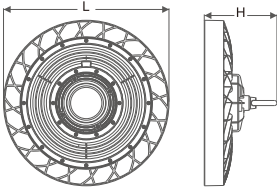
Warehouse, Workshop, Garage, Stadium, Supermarket, Hall and other indoor public/private places.

TECHNICAL PARAMETER

Model No.	System Power	Luminous Efficiency	Structure Description	Weight(kg)
MS-SP266100	100W	160-180lm/W	Die casting aluminium	3.55
MS-SP268150	150W	160-180lm/W	Die casting aluminium	3.55
MS-SP269200	200W	160-180lm/W	Die casting aluminium	3.55

PRODUCT SIZES

System Power	Product Size(φ*H)mm
100W	φ325*135
150W	φ325*135
200W	φ325*135



IP65

CRI >80

20-95%RH

50-60Hz

CCT 3000K-6500K

SPD 4-6KV

IK08

PF >0.9

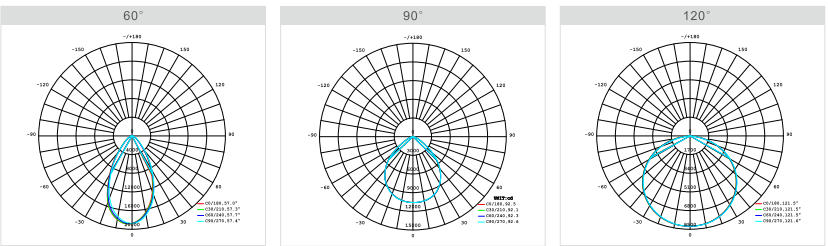
-20°C
50°C

>50000H

220-240V

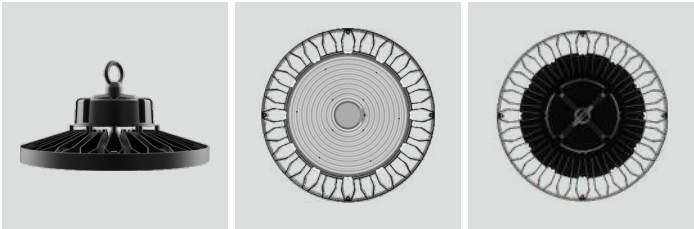
0-10V

LIGHT DISTRIBUTION CURVE





POLAR STAR
SERIES
80W-240W



Accessories



FEATURES

- + Die-cast aluminum housing.
- + Ideal for logistics centers and warehouses.
- + Optional beam angles: 60°, 90°, or 120°.
- + Branded LED drivers and components.
- + Easy installation and quick replacement.

APPLICATION

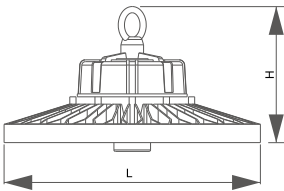
Warehouse, factory, Production line etc.

TECHNICAL PARAMETER

Model No.	System Power	Luminous Efficiency	Structure Description	Weight(kg)
MS-SP265080	80W	160-180lm/W	Die-casting	2.8
MS-SP266100	100W	160-180lm/W	Die-casting	2.8
MS-SP267120	120W	160-180lm/W	Die-casting	3.2
MS-SP268150	150W	160-180lm/W	Die-casting	3.2
MS-SP269200	200W	160-180lm/W	Die-casting	3.6
MS-SP270240	240W	160-180lm/W	Die-casting	4.5

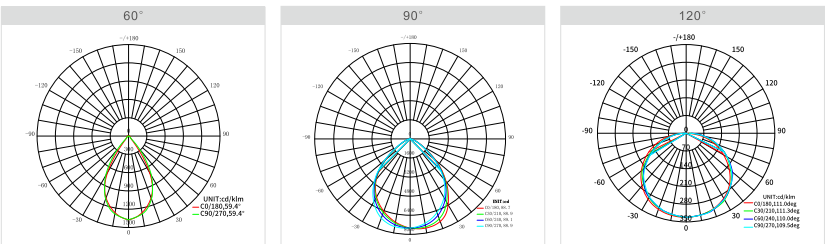
PRODUCT SIZES

System Power	Product Size(φ*H)mm
80W	φ270*160
100W	φ270*160
120W	φ290*165
150W	φ290*165
200W	φ310*180
240W	φ350*185



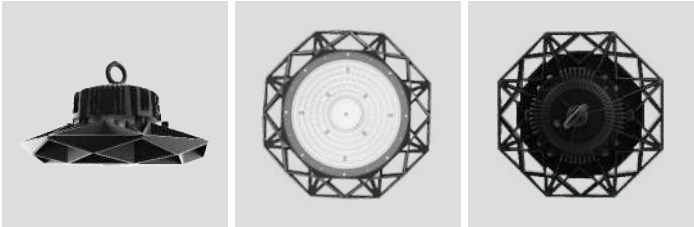
- IP65 CRI 70/80 20-95%RH 50-60Hz CCT 3000K-6500K Dimming & Color Tuning
- IK08 PF >0.9 -40°C 50°C >50000H 100-277V/220-240V 277-480V
- Emergency 0-10V/DALI Microwave Sensing

LIGHT DISTRIBUTION CURVE





DIAMOND SERIES
80W-200W



FEATURES

- + Die-cast aluminum housing.
- + Optional beam angles: 60°, 90°, or 120°.
- + Unique proprietary design by Mason.
- + Branded LED drivers and components.
- + Easy installation and quick replacement.
- + Flexible output options for varying efficiency and lumen needs.

APPLICATION

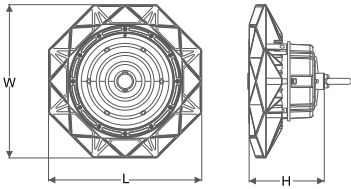
Warehouse, Workshop, Garage, Stadium, Supermarket,
Hall and other indoor public/private places.

TECHNICAL PARAMETER

Model No.	System Power	Luminous Efficiency	Structure Description	Weight(kg)
MS-SP263080	80W	160-180lm/W	Die casting aluminium	2.5
MS-SP263100	100W	160-180lm/W	Die casting aluminium	2.5
MS-SP264150	150W	160-180lm/W	Die casting aluminium	3.5
MS-SP265200	200W	160-180lm/W	Die casting aluminium	3.6

PRODUCT SIZES

System Power	Product Size(φ*H)mm
80W	φ255*126
100W	φ255*126
150W	φ305*136
200W	φ305*136



IP65

CRI 70/80

20-95%RH

47-63Hz

CCT 3000K-6500K

PF >0.95

-20°C
50°C

>50000H

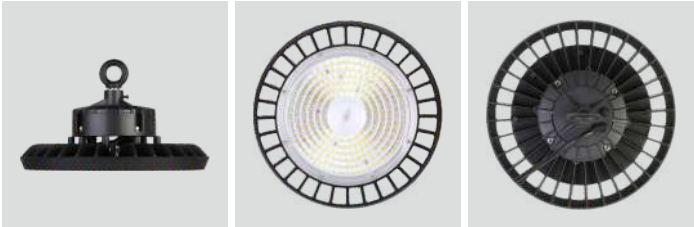
100-277V/220-240V
277-480V

0-10V/DALI



A-Star SERIES

80W-240W



- FEATURES**
- + Die-cast aluminum housing.
 - + Optional beam angles: 60°, 90°, or 120°.
 - + Unique proprietary design by Mason.
 - + Branded LED drivers and components.
 - + Easy installation and quick replacement.
 - + Flexible output options for varying efficiency and lumen needs.

APPLICATION

Warehouse, factory, Production line etc.

TECHNICAL PARAMETER				
Model No.	System Power	Luminous Efficiency	Structure Description	Weight(kg)
MS-SP247080	80W	150-190lm/W	Die-casting	2.8
MS-SP248100	100W	150-190lm/W	Die-casting	2.8
MS-SP249120	120W	150-190lm/W	Die-casting	3.2
MS-SP250150	150W	150-190lm/W	Die-casting	3.2
MS-SP251200	200W	150-180lm/W	Die-casting	3.6
MS-SP253240	240W	150-180lm/W	Die-casting	4.5

PRODUCT SIZES	
System Power	Product Size(φ*H)mm
80W	φ275*166mm
100W	φ275*166mm
120W	φ285*168mm
150W	φ285*168mm
200W	φ305*177mm
240W	φ360*183mm

IP65

CRI 70/80

20-95%RH

47-63Hz

CCT 3000K-6500K

PF >0.95

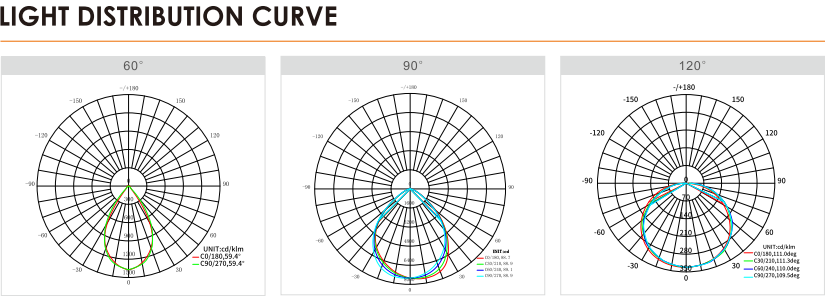
-40°C
50°C

>50000H

100-277V/220-240V
277-480V

Dimming & Color Tuning

0-10V/DALI





ORION SERIES
100W-300W



FEATURES

- + Extruded aluminum housing.
- + Robust and compact mechanical design.
- + Wattage range: 100-300W.
- + Lumen efficacy: 150-180 lm/W.
- + Dimming options: 0/1-10V, DALI, PWM, Timing.

APPLICATION

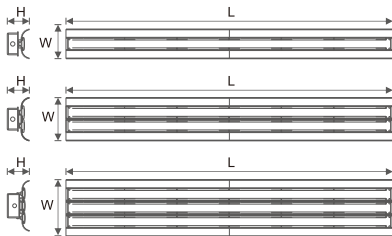
Building, Warehouse, Factory, Workshop, Super market etc.

TECHNICAL PARAMETER

Model No.	System Power	Luminous Efficiency	Structure Description	Weight(kg)
MS-SP254100	100W	150-180lm/W	Extruded aluminium	2.4
MS-SP255200	200W	150-180lm/W	Extruded aluminium	3.8
MS-SP256300	300W	150-180lm/W	Extruded aluminium	5.1

PRODUCT SIZES

System Power	Product Size(L*W*H)mm
100W	1200*108*86
200W	1200*158*86
300W	1200*208*86



IP40

CRI >80

20-95%RH

47-63Hz

CCT 3000K-6500K

PF >0.95

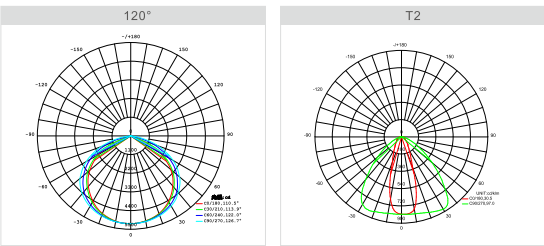
-40°C
50°C

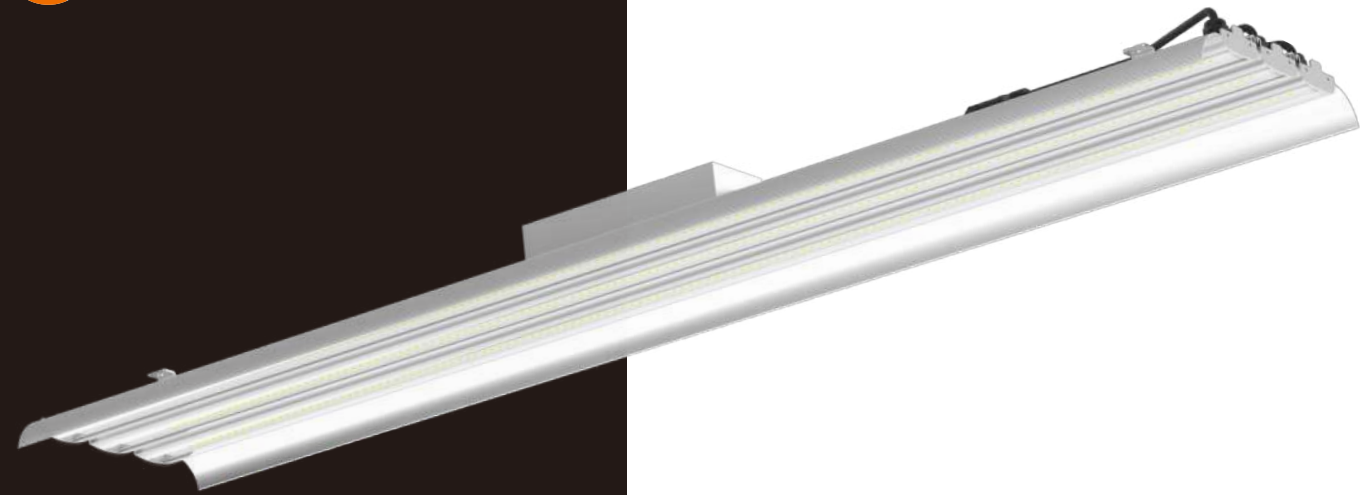
100000H

100-277V/220-240V
277-480V

0-10V/DALI

LIGHT DISTRIBUTION CURVE





IP65
Protection Rating

ORION PLUS
SERIES
100W-300W



FEATURES

- + Extruded aluminum housing.
- + Robust and compact mechanical design.
- + Wattage range: 100-300W.
- + Lumen efficacy: 150-180 lm/W.
- + Dimming options: 0/1-10V, DALI, PWM, Timing.

APPLICATION

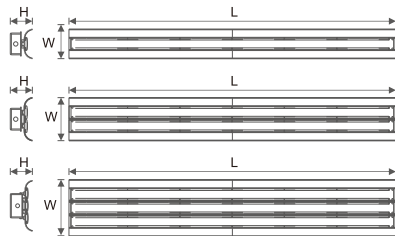
Building, Warehouse, Factory, Workshop, Super market etc.

TECHNICAL PARAMETER

Model No.	System Power	Luminous Efficiency	Structure Description	Weight(kg)
MS-SP254100	100W	150-180lm/W	Extruded aluminium	2.8
MS-SP255200	200W	150-180lm/W	Extruded aluminium	4.2
MS-SP256300	300W	150-180lm/W	Extruded aluminium	5.5

PRODUCT SIZES

System Power	Product Size(L*W*H)mm
100W	1200*121*83
200W	1200*181*83
300W	1200*241*83



IP65

CRI >80

20-95%RH

47-63Hz

CCT 3000K-6500K

PF >0.95

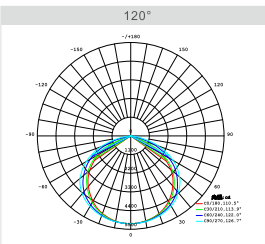
-40°C
50°C

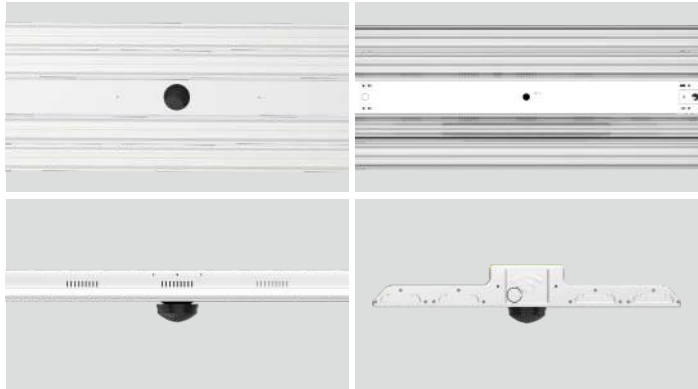
100000H

100-277V/220-240V
277-480V

0-10V/DALI

LIGHT DISTRIBUTION CURVE





JP-PLUS SERIES
100W-600W



FEATURES

- + Robust mechanical structure.
- + Wattage options: 100W-600W.
- + Wide input voltage: 120-277VAC / 347VAC / 480VAC / 180-528VAC.
- + High efficacy: up to 150 lm/W (higher available).
- + Lens options: clear or frosted.
- + Modular design for easy maintenance.
- + LM-80 approved LED chips.
- + Driver options: Meanwell HLG / Sosen or other brands.
- + Dimming: 0-10V / DALI / PWM / timing.
- + Sensors: motion / photo / infrared.
- + Control systems: Bluetooth / PLC / ZigBee.

APPLICATION

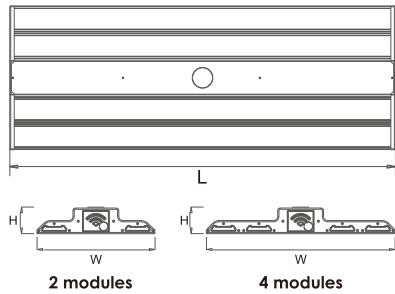
Building, Warehouse, Factory, Workshop, Super market etc.

TECHNICAL PARAMETER

Model No.	System Power	Luminous Efficiency	Structure Description	Module Qty
MS-SP281100	100W	150/180 lm/W	Extruded aluminium	2
MS-SP282150	150W	150/180 lm/W	Extruded aluminium	2
MS-SP283200	200W	150/180 lm/W	Extruded aluminium	2
MS-SP284240	240W	150/180 lm/W	Extruded aluminium	2
MS-SP285300	300W	150/180 lm/W	Extruded aluminium	2
MS-SP286400	400W	150/180 lm/W	Extruded aluminium	4
MS-SP287480	480W	150/180 lm/W	Extruded aluminium	4
MS-SP288600	600W	150/180 lm/W	Extruded aluminium	4
MS-SP289100	100W	150/180 lm/W	Extruded aluminium	2
MS-SP290150	150W	150/180 lm/W	Extruded aluminium	2
MS-SP291200	200W	150/180 lm/W	Extruded aluminium	2
MS-SP292240	240W	150/180 lm/W	Extruded aluminium	4
MS-SP293300	300W	150/180 lm/W	Extruded aluminium	4
MS-SP294400	400W	150/180 lm/W	Extruded aluminium	4
MS-SP295100	100W	150/180 lm/W	Extruded aluminium	2
MS-SP296150	150W	150/180 lm/W	Extruded aluminium	2
MS-SP297200	200W	150/180 lm/W	Extruded aluminium	4
MS-SP298300	300W	150/180 lm/W	Extruded aluminium	4
MS-SP299100	100W	150/180 lm/W	Extruded aluminium	2
MS-SP300150	150W	150/180 lm/W	Extruded aluminium	4
MS-SP301200	200W	150/180 lm/W	Extruded aluminium	4

PRODUCT SIZES

System Power	Module Qty	Product Size(L*W*H)mm
100W-300W	2	1200*283*62
400W-600W	4	1200*453*62
100W-200W	2	800*283*62
240W-400W	4	800*453*62
100W-150W	2	600*283*62
200W-300W	4	600*453*62
100W	2	400*283*62
150W-200W	4	400*453*62



IP20

CRI 70/80

-40°C
45°C

47-63Hz

CCT 3000K-6500K

PF >0.95

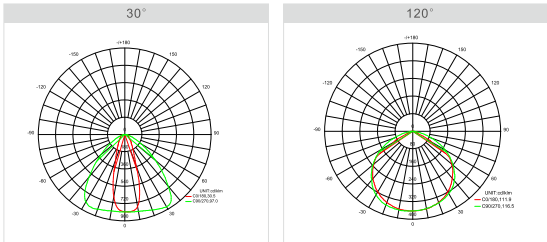
20-95%RH

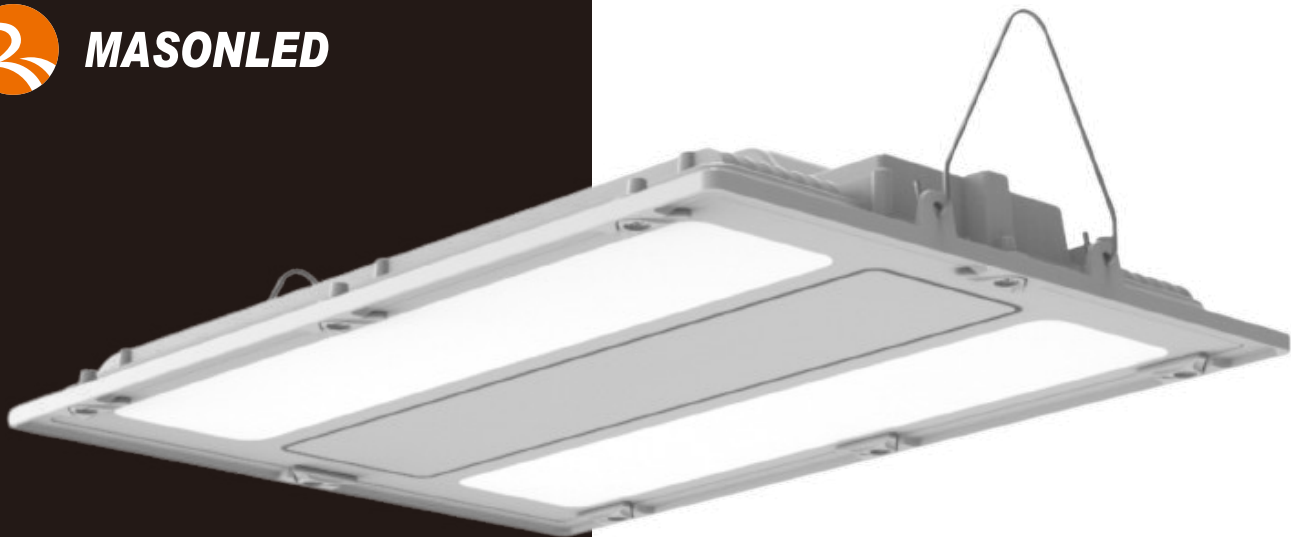
100000H

100-277V/220-240V
277-480V

0-10V/DALI

LIGHT DISTRIBUTION CURVE





IP65
Protection Rating

UGR<19
Low UGR Version

STELLA SERIES

100W-300W



FEATURES

- + Modern design with innovative structure.
- + Eco-friendly LED source: no UV/IR radiation, recyclable materials.
- + Long lifespan and low maintenance costs.
- + Stable constant current/power drive.
- + Adjustable tilt angle for flexible aiming.

APPLICATION

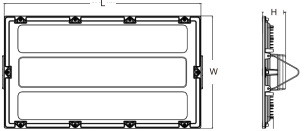
Various application scenarios such as warehouses, workshops, supermarkets, underground parking lots, logistics centers, and indoor sports arenas.

TECHNICAL PARAMETER

Model No.	System Power	Luminous Efficiency	Structure Description
MS-SP291100	100W	150lm/W	Extruded aluminium
MS-SP292200	200W	150lm/W	Extruded aluminium
MS-SP293300	300W	150m/W	Extruded aluminium

PRODUCT SIZES

System Power	Product Size(L*W*H)mm
100W	386*276*57
200W	486*276*57
300W	590*286*61



IP65

CRI >80/90

20-95%RH

47-63Hz

CCT 3000K-6500K

PF >0.95

-40°C
50°C

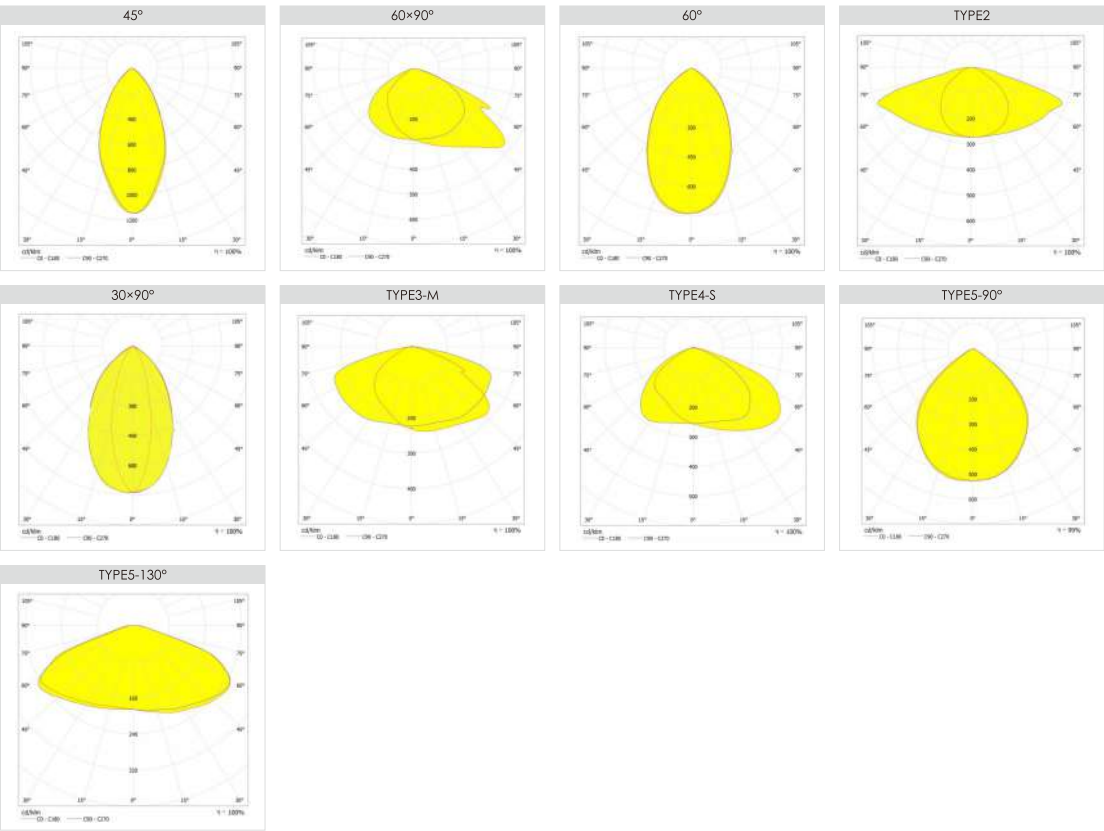
100000H

100-277V/220-240V
277-480V

0-10V/DALI

UGR<19

LIGHT DISTRIBUTION CURVE





ESTE SERIES
20W-45W



FEATURES

- + Simple and stylish design.
- + PC cover + aluminum housing with modular connections.
- + High-efficiency LED light source.
- + IP65/IK08 protection with uniform light output.
- + Easy installation for various applications.
- + Optional microwave sensor, Bluetooth, DALI/0-10V control.
- + Emergency lighting and smart function modules.

APPLICATION

Suitable for Gallery, factories, schools, supermarket, office buildings etc. different application lighting.

TECHNICAL PARAMETER

Model No.	System Power	Luminous Efficiency	Weight(kg)
MS-LL0080620-XXBF	20W	130-150lm/W	1.2
MS-LL0081235-XXBF	35W	130-150lm/W	1.88
MS-LL0081545-XXBF	45W	130-150lm/W	2.2

PRODUCT SIZES

System Power	Product Size(L*φ)mm
20W	600*70
35W	1200*70
45W	1500*70



IP65

IK08

10-85%RH

50-60Hz

CCT 3000K-6500K

PF >0.9

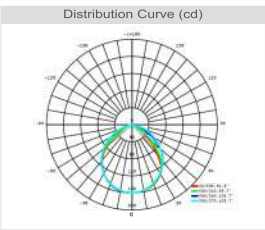
CRI 80

-20°C
45°C

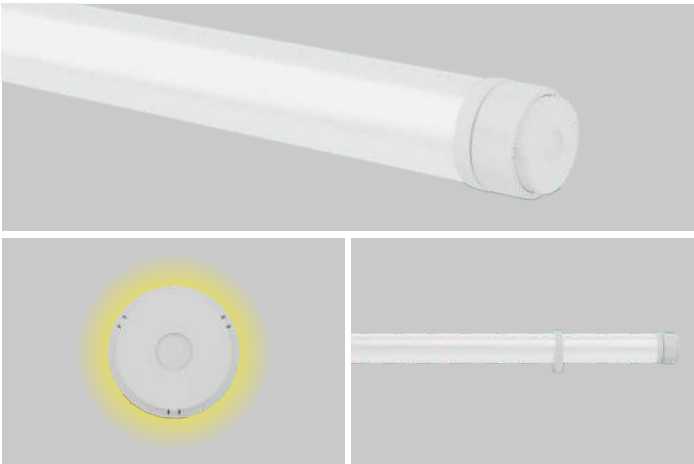
>50000H

220-240V

LIGHT DISTRIBUTION CURVE



OMNI SERIES
25W-65W



FEATURES

- + Tool-free assembly design.
- + IP65 waterproof protection.
- + IK08 impact resistance.
- + 3×1.5mm² pass-through wiring for series connection.
- + Bluetooth and motion sensor options.
- + High efficiency: 130-150 lm/W.
- + 360° beam angle.

APPLICATION

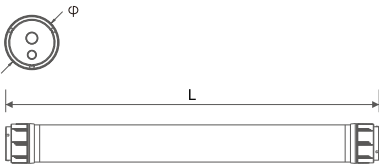
Widely used in all types of production line, parking lot, factory, shopping mall, and supermarket.
It can replace traditional tri-proof lamp.

TECHNICAL PARAMETER

Model No.	System Power	Luminous Efficiency	Weight(kg)
MS-LL0020625-XXBF	25W	130-150lm/W	0.7
MS-LL0021250-XXBF	50W	130-150lm/W	1.28
MS-LL0021565-XXBF	65W	130-150lm/W	1.6

PRODUCT SIZES

System Power	Product Size(L*φ)mm
25W	700*75
50W	1300*75
65W	1600*75



 IP65

 IK08

 10-85%RH

 50-60Hz

 CCT 3000K-6500K

 PF >0.9

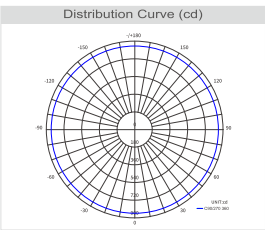
 CRI 80

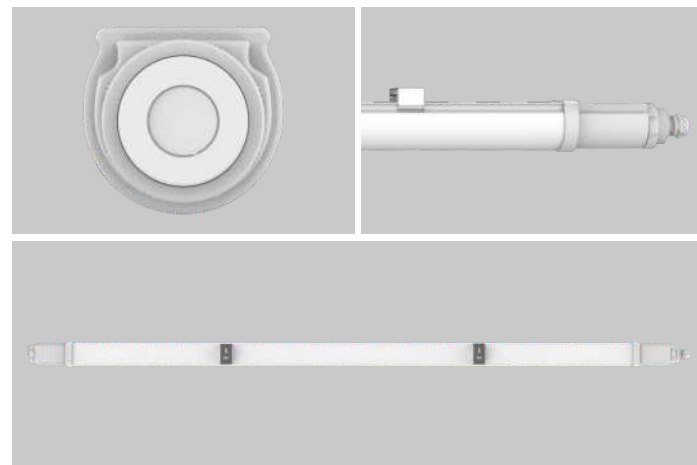
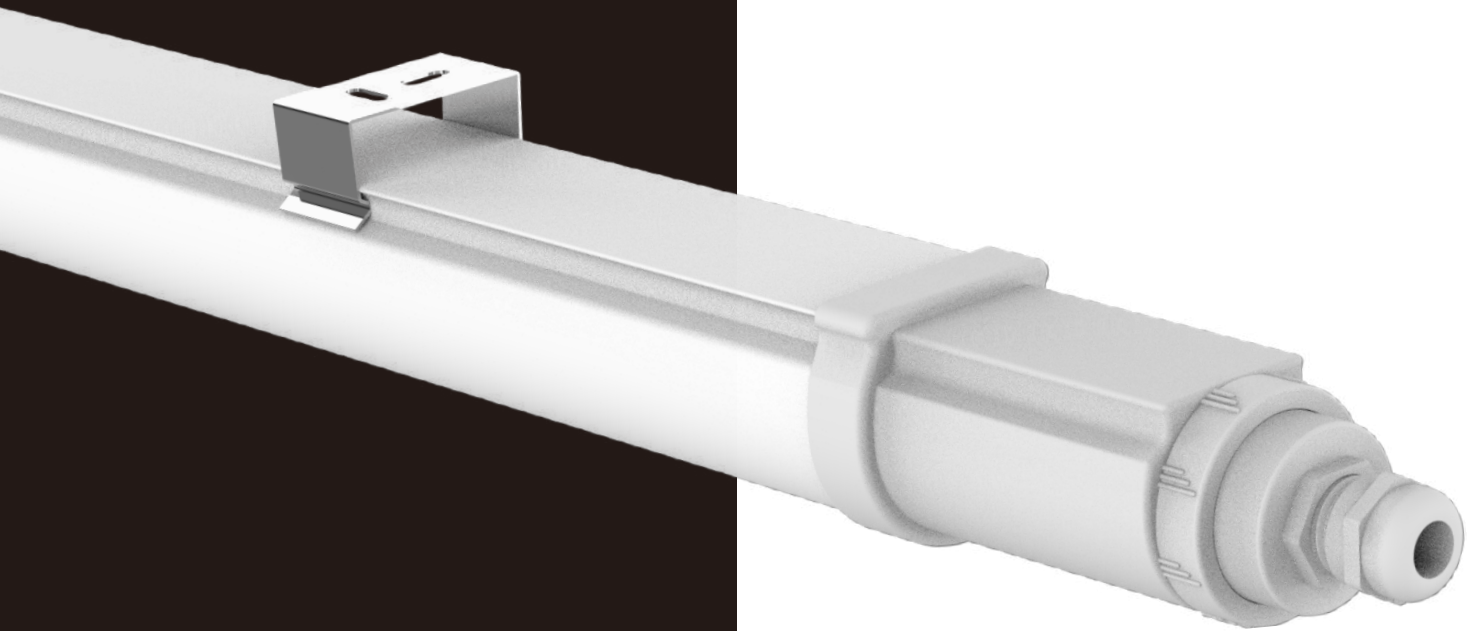
 -20°C
45°C

 >50000H

 220-240V

LIGHT DISTRIBUTION CURVE





HALLEY SERIES

20W-50W



FEATURES

- + Tool-free assembly design.
- + IP65 waterproof protection.
- + IK08 impact resistance.
- + 3×1.0mm² pass-through wiring for series connection.
- + Bluetooth and motion sensor options.
- + High efficiency: 150 lm/W.

APPLICATION

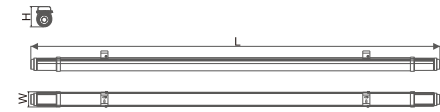
Widely used in all types of production line, parking lot, factory, shopping mall, and supermarket.
It can replace traditional tri-proof lamp.

TECHNICAL PARAMETER

Model No.	System Power	Luminous Efficiency	Weight(kg)
MS-LL0010620-XXBF	20W	130-150lm/W	0.4
MS-LL0011235-XXBF	35W	130-150lm/W	0.65
MS-LL0011550-XXBF	50W	130-150lm/W	0.8

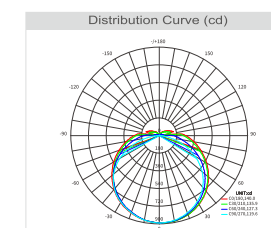
PRODUCT SIZES

System Power	Product Size(L*W*H)mm
20W	600*56*52
35W	1200*56*52
50W	1500*56*52



IP65	IK08	10-85%RH	50-60Hz	CCT 3000K-6500K
PF >0.9	CRI 80	-20°C 45°C	>50000H	220-240V

LIGHT DISTRIBUTION CURVE





PATRON SERIES
12W-80W



FEATURES

- + IP66 waterproof protection.
- + The entire luminaire can achieve IP69K protection rating.
- + IK08-10 impact resistance.
- + UV resistant.
- + Ammonia resistant.
- + Corrosion resistant.

APPLICATION

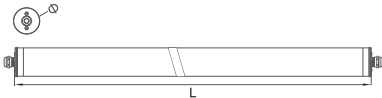
Car washing yard, Parking lot, Meat processing, Farm, Food processing yard, Low temperature storage room, Department store.

TECHNICAL PARAMETER

Model No.	System Power	Luminous Efficiency	Weight(kg)
MS-LL0030612-XXBF	12W	140-160lm/W	0.5
MS-LL0031224-XXBF	24W	140-160lm/W	0.86
MS-LL0031532-XXBF	32W	140-160lm/W	1
MS-LL0030620-XXBF	20W	140-160lm/W	1
MS-LL0031235-XXBF	35W	140-160lm/W	1.6
MS-LL0031545-XXBF	45W	140-160lm/W	1.85
MS-LL0030624-XXBF	24W	140-160lm/W	1.5
MS-LL0031250-XXBF	50W	140-160lm/W	2.7
MS-LL0031580-XXBF	80W	140-160lm/W	3.3

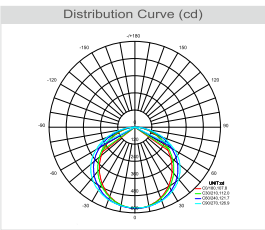
PRODUCT SIZES

System Power	Product Size(L*Φ)mm
12W	600*48
24W	1200*48
32W	1500*48
20W	600*70
35W	1200*70
45W	1500*70
24W	600*100
50W	1200*100
80W	1500*100

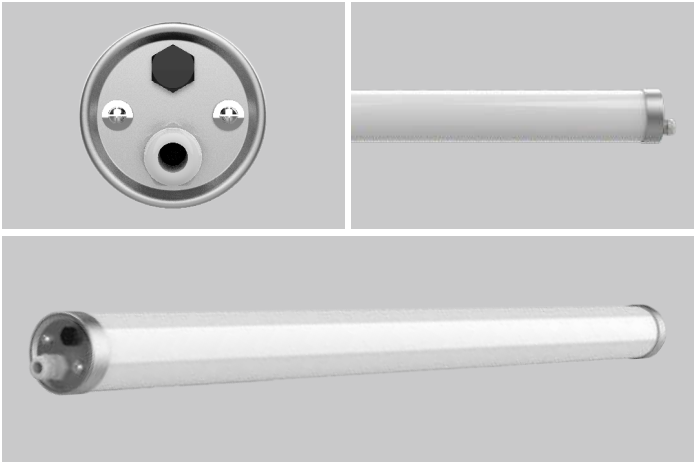
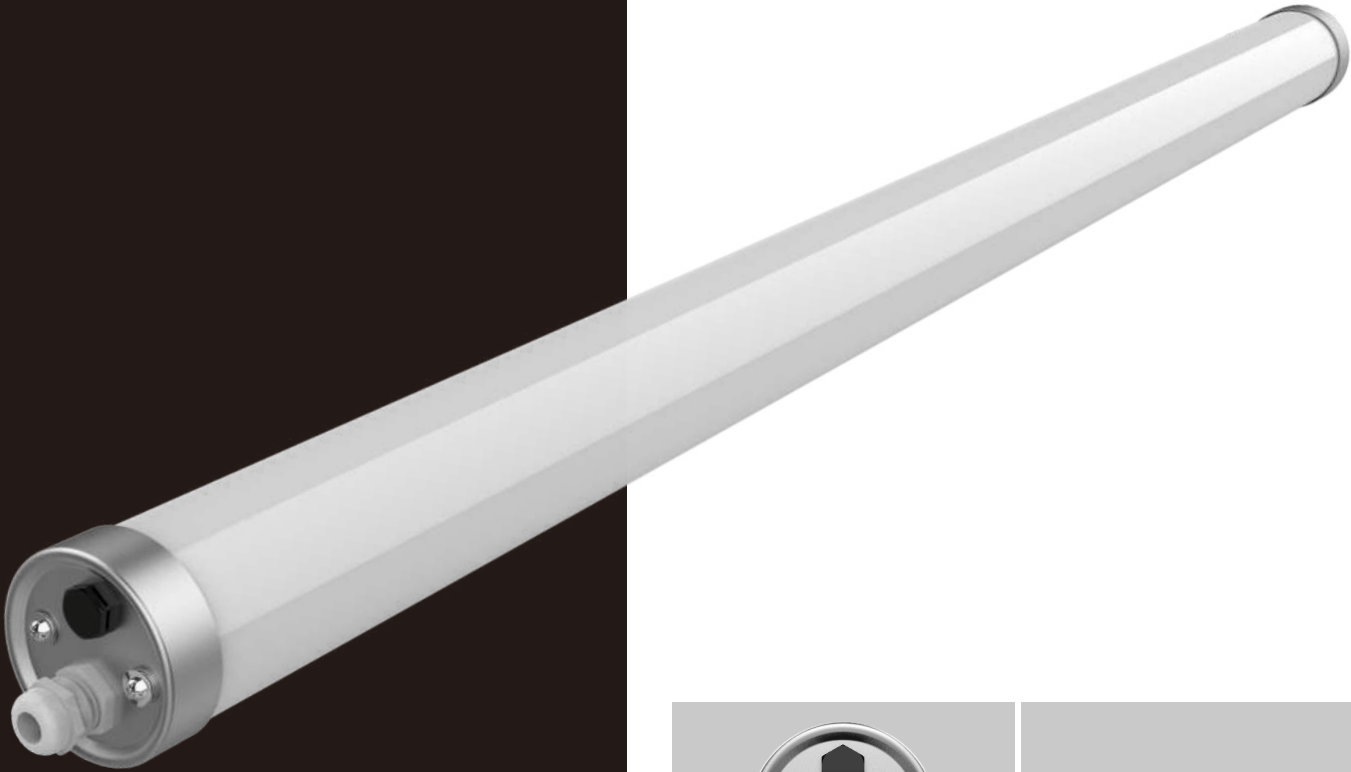


- IP66
- IK08
- PF >0.9
- 47-63Hz
- CCT 3000K-6500K
- 20-95%RH
- CRI 80
- 20°C
45°C
- >50000H
- 220-240V

LIGHT DISTRIBUTION CURVE



PATRON SE
SERIES
20W-50W



FEATURES

- + IP66 waterproof protection.
- + The entire luminaire can achieve IP69K protection rating.
- + IK10 impact resistance.
- + UV resistant.
- + Ammonia resistant.
- + Corrosion resistant.
- + High efficiency: 150-160 lm/W.

APPLICATION

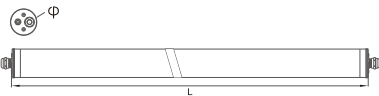
Food processing plant, Chemical Facilities,
Animal Stable (ammonia-resistance) Warehouse, Factory,
Car washing place etc special application.

TECHNICAL PARAMETER

Model No.	System Power	Luminous Efficiency	Weight(kg)
MS-LL00706020-40BF	20W	150-160lm/W	0.56
MS-LL00712040-40BF	40W	150-160lm/W	1
MS-LL00715050-40BF	50W	150-160lm/W	1.92

PRODUCT SIZES

System Power	Product Size(L*Φ)mm
20W	600*70
40W	1200*70
50W	1500*70



IP66

IK10

PF >0.9

47-63Hz

CCT 3000K-6500K

20-95%RH

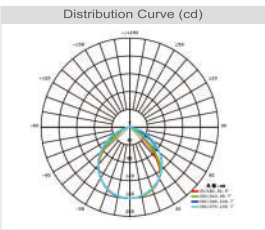
CRI 80

-20°C
45°C

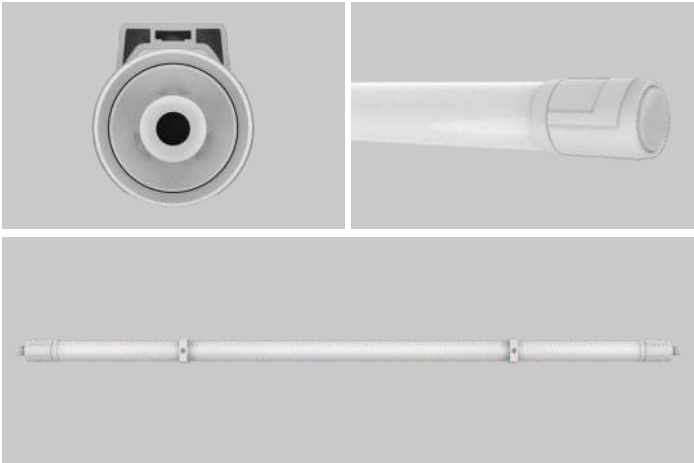
>50000H

220-240V

LIGHT DISTRIBUTION CURVE



SOCRATES
SERIES
12W-45W



FEATURES

- + High-quality SMD LEDs for stable color and lumen maintenance.
- + Custom driver with reliable components for enhanced stability.
- + Proprietary secondary optics for higher efficiency and uniform light.
- + Advanced aluminum extrusion for optimal heat dissipation.
- + Industrial, minimalist design with detachable wiring for easy installation.
- + Full polycarbonate construction.

APPLICATION

Car washing yard, Parking lot, Meat processing, Farm, Food processing yard, Low temperature storage room, Department store.

TECHNICAL PARAMETER

Model No.	System Power	Luminous Efficiency
MS-LL06012-XXBF	12W	150-160lm/W
MS-LL15045-XXBF	45W	150-160lm/W

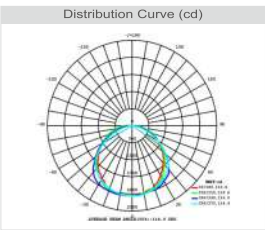
PRODUCT SIZES

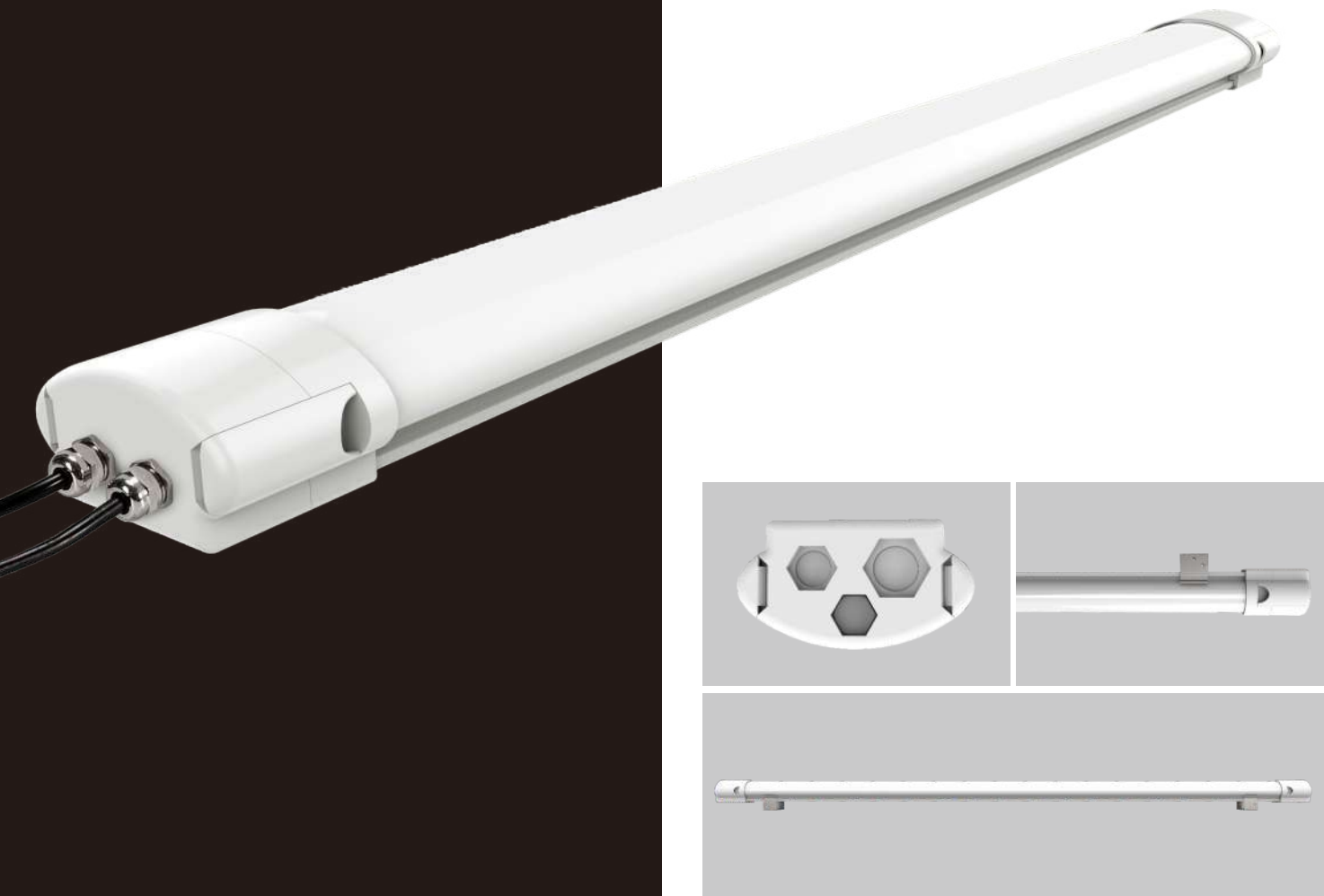
System Power	Product Size(L*Φ)mm
12W	600*53
45W	1500*53



- IP65
- IK08
- PF >0.9
- 50-60Hz
- CCT 4000K-6500K
- 10-85%RH
- CRI 80
- 20°C
45°C
- >50000H
- 220-240V

LIGHT DISTRIBUTION CURVE





PLATO SERIES
25W-45W



FEATURES

- + IP65 waterproof, and Ik08 impact-resistant.
- + One-piece aluminum structure with built-in PC tube for shock resistance and soft light.
- + High-quality waterproof sealing gasket.
- + Standard luminous efficacy: 140-160 lm/W.
- + High-transmittance PC cover ensures uniform illumination without dark areas.
- + Dual-side clip design for easy assembly and installation.

APPLICATION

Wildly used in all types of production line, food plant, cool house, parking lot, factory, freight yard, shopping mall, and supermarket. It can replace traditional tri-proof lamp.

TECHNICAL PARAMETER

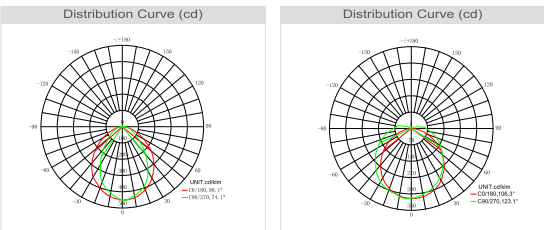
Model No.	System Power	Luminous Efficiency	Structure Description	Weight(kg)
MS-LL030825-50BF	25W	140-160lm/W	PC cover+ extruded aluminium	1.7
MS-LL030825-40BF	25W	140-160lm/W	PC cover+ extruded aluminium	1.7
MS-LL031546-50BF	46W~65W	140-160lm/W	PC cover+ extruded aluminium	2.4
MS-LL031546-40BF	46W~65W	140-160lm/W	PC cover+ extruded aluminium	2.4

PRODUCT SIZES

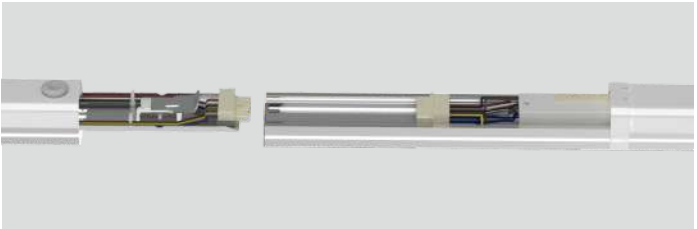
System Power	Product Size(L*W*H)mm
25W	800*104*57
46W~65W	1500*104*57

- IP65
- IK08
- PF >0.9
- 50-60Hz
- CCT 3000K-6500K
- 10-85%RH
- CRI 80
- 20°C 45°C
- >50000H
- 220-240V

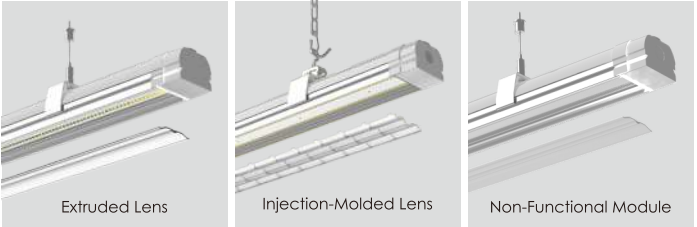
LIGHT DISTRIBUTION CURVE







Optical Lenses



LUMORA SERIES
58W-78W



FEATURES

- + 50,000+ hours lifespan.
- + DALI 2.0 intelligent control, reduces energy consumption by 30%+.
- + Tool-free quick-plug terminals.
- + 1500mm/2000mm standard modules with T/L/+ free topology.
- + 5-wire multi-circuit / 7-wire dimming options.
- + 60°/90° single/double polarized light distribution.
- + Zero-dark-zone optical control.

APPLICATION

Suitable for offices, supermarkets, factories, venues, cold storage, Capable of withstanding harsh environments.

TECHNICAL PARAMETER

System power	Luminous Efficiency	Housing colour	Housing material	Weight(kg)
58W	up to 160 lm/W	Aluminium/white	Aluminium/PC	2.2-2.4
78W	up to 160 lm/W	Aluminium/white	Aluminium/PC	3.0-3.2

PRODUCT SIZES

System Power	Product Size(L*W*H)mm
58W	1528*67*50
78W	2000*67*50



IP54

IK08

CRI >83

50-60Hz

220-240V
176-264V

CCT 2700K-6500K

-20°C
50°C

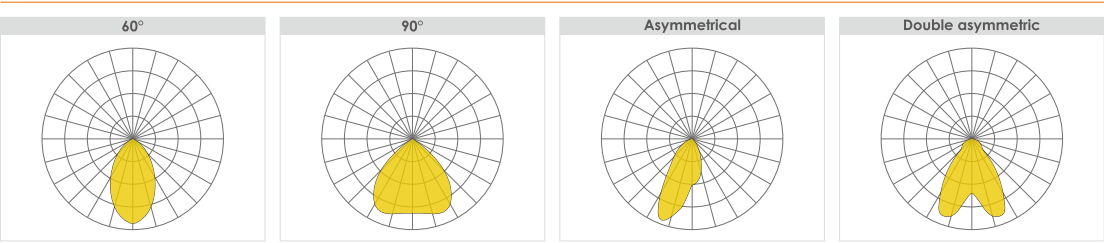
DALI

PF >0.95

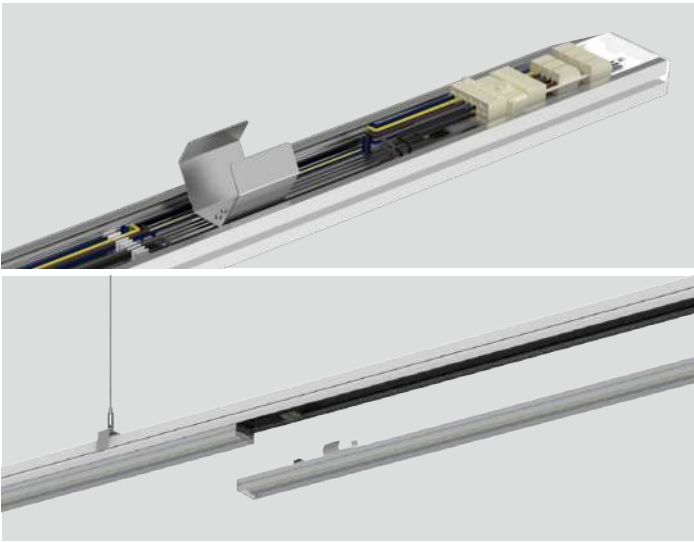
>50000H

20-95%RH

LIGHT DISTRIBUTION CURVE



APEXGLARE
SERIES
58W



FEATURES

- + 50,000+ hours lifespan.
- + DALI 2.0 intelligent control, reduces energy consumption by 30%+.
- + Tool-free quick-plug terminals.
- + 1500mm/2000mm standard modules with T/L/+ free topology.
- + 5-wire multi-circuit / 7-wire dimming options.
- + 60°/90° single/double polarized light distribution.
- + Zero-dark-zone optical control.

APPLICATION

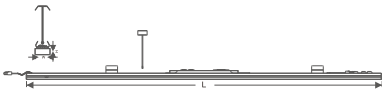
Suitable for offices, supermarkets, factories, venues, cold storage.
Capable of withstanding harsh environments.

TECHNICAL PARAMETER

System power	Luminous Efficiency	Housing colour	Housing material	Weight(kg)
58W	up to 160 lm/W	Aluminium/white	Aluminium/PC	2.0-2.5

PRODUCT SIZES

System Power	Product Size(L*W*H)mm
58W	1528*64*27



IP40

IK05

CRI >80

50-60Hz

220-240V
176-264V

CCT 2700K-6500K

-20°C
50°C

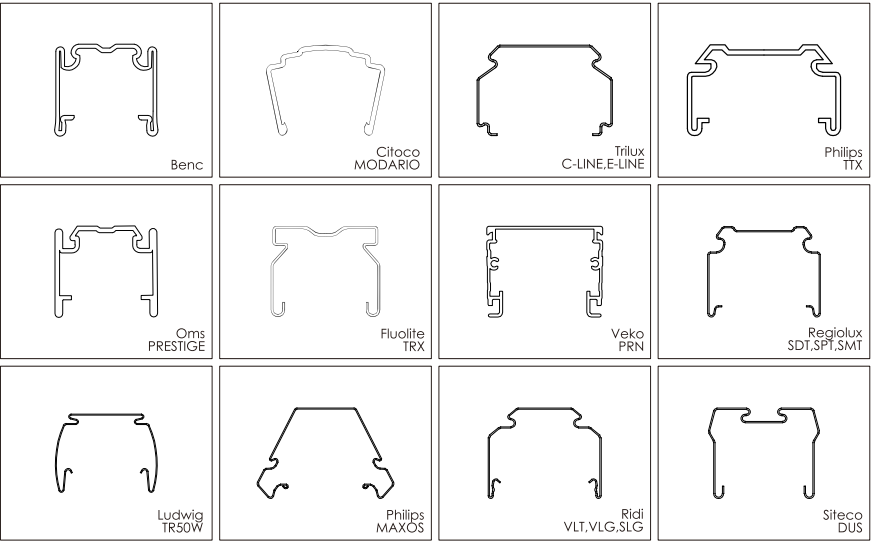
DALI

PF >0.95

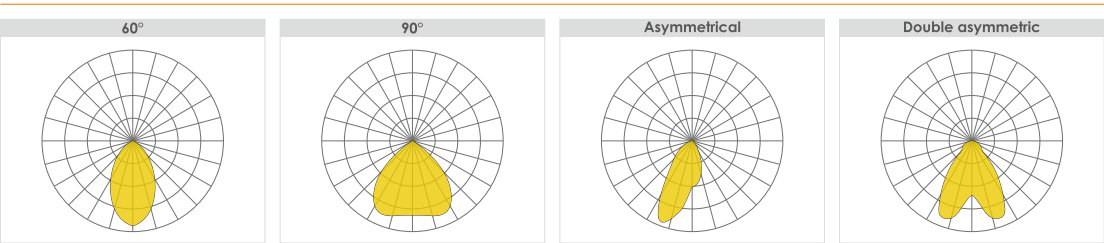
>50000H

20-95%RH

UNMATCHED COMPATIBILITY



LIGHT DISTRIBUTION CURVE





IVETA SERIES
36W-50W



FEATURES

- + Simple and stylish design.
- + Modular design with side/top cable entry.
- + Quick and easy installation.
- + High-efficiency LED light source.
- + Uniform light output.
- + Suitable for diverse applications and conditions.

APPLICATION

Suitable for Gallery, factories, schools, supermarket, office buildings etc. different application lighting.

TECHNICAL PARAMETER

Model No.	System Power	Luminous Efficiency	Weight(kg)
MS-LL0041236-XXBF	36W	130-150lm/W	0.55
MS-LL0041550-XXBF	50W	130-150lm/W	0.70

PRODUCT SIZES

System Power	Product Size(L*W*H)mm
36W	1200*70*41
50W	1500*70*41



IP20

CRI 80

50-60Hz

CCT 3000K-6500K

10-85%RH

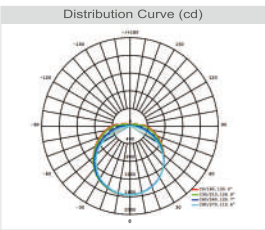
PF >0.9

-20°C
45°C

>50000H

220-240V

LIGHT DISTRIBUTION CURVE







American Parking Lot LED Lighting Project ▲



▲ Colombian LED Street Lighting Project



▲ Spanish LED Street Lighting Project
Moroccan LED Phantom Floodlight Lighting Project ▼



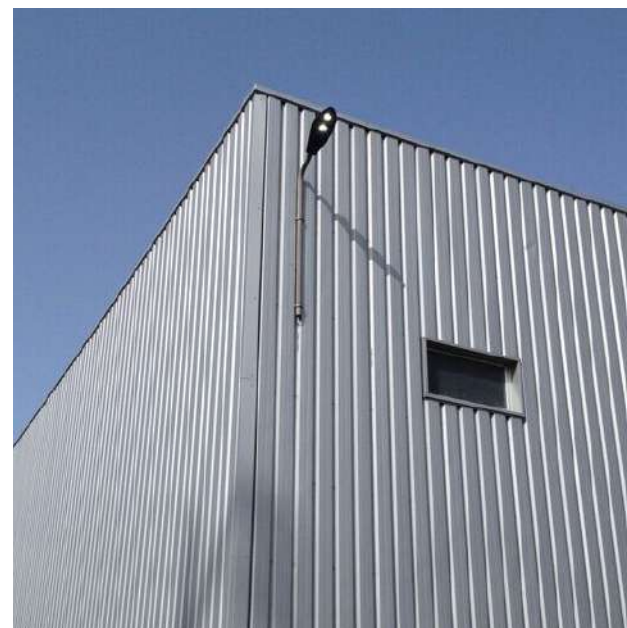
Indian LED Street Lighting Solution ▲



American LED Gas Station Lighting Project ▲



Japan ENEOS Gas Station Lighting Project ▲



French Customer LED Street Lighting Project ▲



Spanish LED Parking Lot Lighting Project ▲



German Port LED Lighting Project ▲



Mexican LED Street Light Lighting Project ▲



Amenian LED Garden Light Lighting Project ▼



American LED Street Light Lighting Project ▼



Belgian Dock LED Lighting Project ▼



Vietnamese LED Street Light Lighting Project ▲



Philippine LED Street Light Lighting Project ▲



Thai Outdoor LED Floodlight Lighting Project ▼