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MASONLED

Stock Code：002654

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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.

2023-2024

PRODUCT CATALOGUE

COMPANY PROFILE

Founded in 2002, listed on Shenzhen stock market in 2012, Mason has achieved honors as one of China's Top 10 most international competitive LED manufacturers.

For all these years, we have been focus on R&D and production of high power LED lightings, with more than 300 R&D engineers and 2000 workers, making our annual output value exceeds 150 million.

Located in Dongguan province, our production base of more than 100,000 square meters, and a strong business network in home and abroad. Offer our clientes a fast and efficient service.

We believe in light, we believe in future.

20+
20 years history
of LED research and
development production

100+
Company's products sell
well in more than 100 countries and
regions at home and abroad

300+
300 people of engineering
research and development
technical team

460+
Owns more than 460
multiple national patents

160,000+
About 160,000 m²
building area

100,000+
100,000m² production
workshop

PRODUCT OVERVIEW

INTELLIGENT CONTROL SYSTEM

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INTELLIGENT CONTROL SYSTEM

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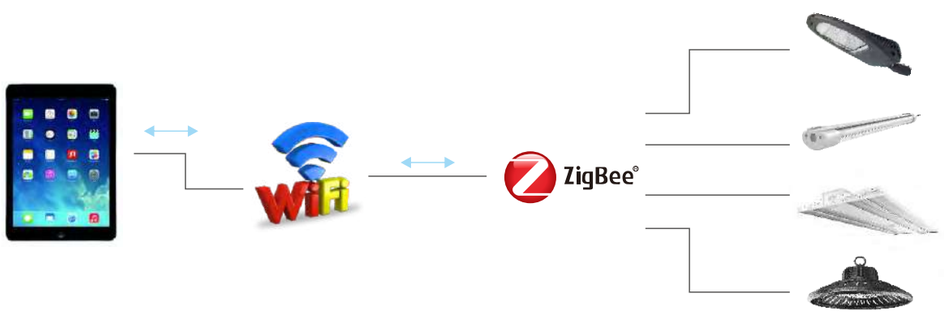
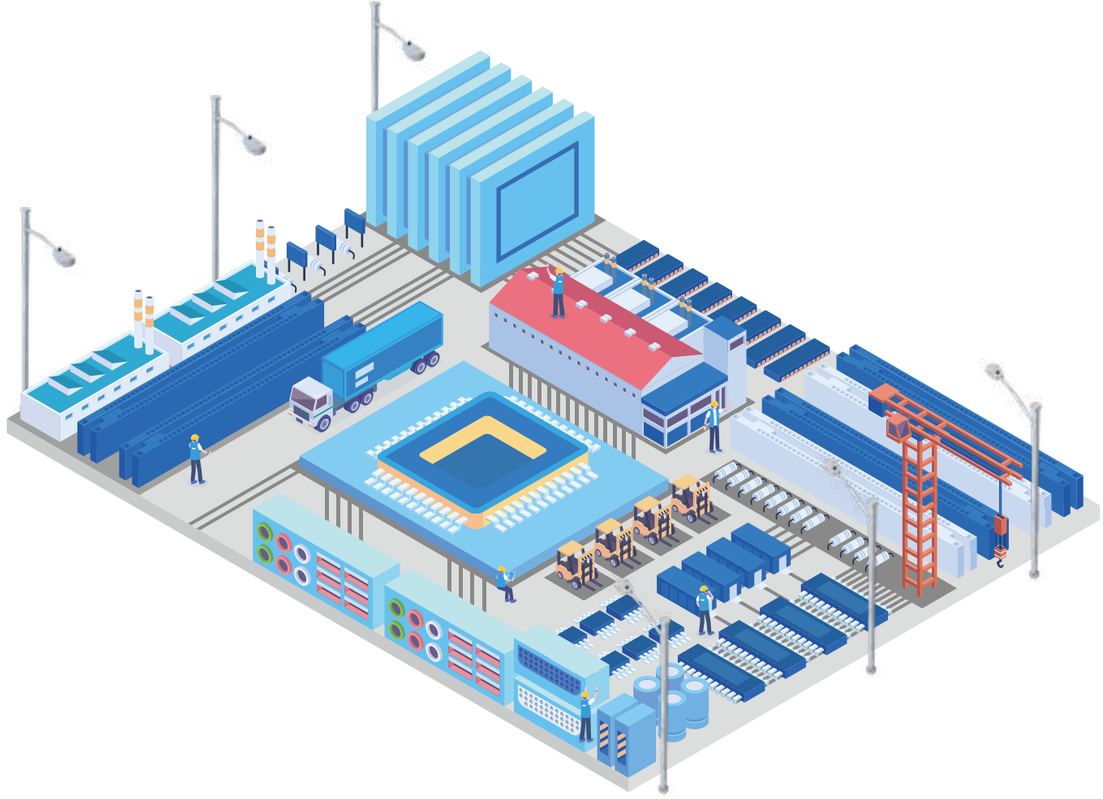
ZIGBEE CONTROL SERIES

1. 2700K / 6500K two types of LED / RGBW four types of LED
2. 802.15.4 ZigBee communication protocol
3. Dimming and change CCT / Color by APP
4. With timing function
5. Setting group and various scenes
6. Multi voltage 100-240V 50~60Hz
7. 40,000 hours lifetime

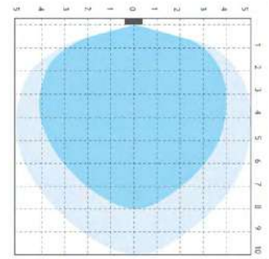


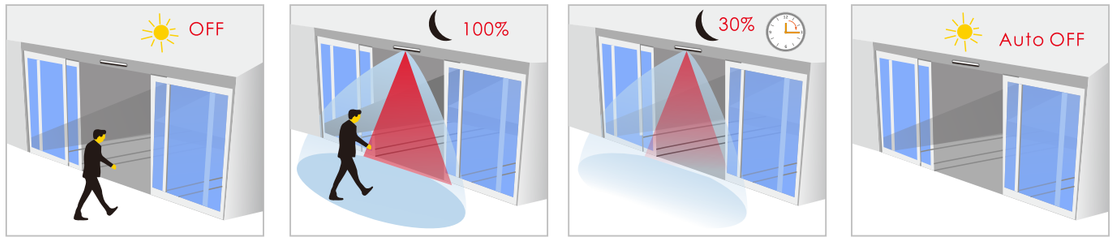
SCHEMATIC DIAGRAM OF
HOME INTELLIGENT CONTROL

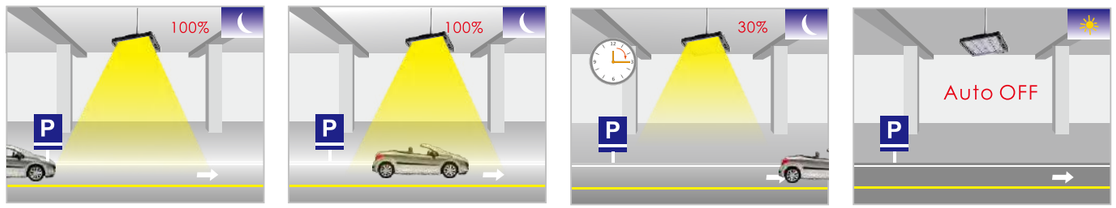


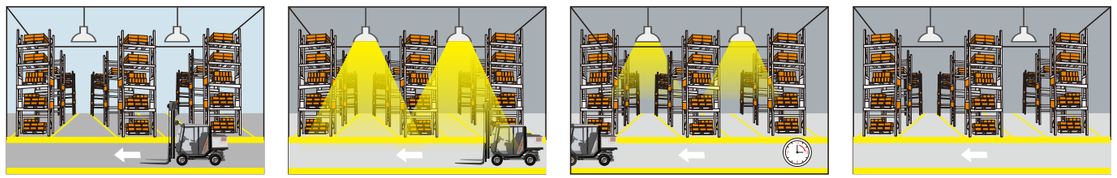
Photoelectric+Microwave Motion Sensor 2 in 1

1. The 2-in-1 sensor is more sensitive and reliable than other sensors. It would not be incorrectly turned on by moving objects during the daylight due to the photoelectric part working as priority
2. It's easy to install, providing high probability of detection, low nuisance alarms and resistance to rain, fog, wind, dust, falling snow and temperature extremes
3. It can maximize detection performance and minimize interference from external radar sources. The detection zone could reach 15 meters distance
4. The delay time (5s-60 mins) could be programmed as you wish
5. Lower Standby power consumption
6. Auto turn off in daytime









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.

iSense Smart Control System

The iSense Bluetooth intelligent control system with two kinds network set-up methods: one is mobile phone direct connect or communicate with the the control nodes, another method is throught the mobile/PC connect the gateway, then connect to the single control node.

Features of mobile phone direct control: no need the gateway, mobilephone connect to the nodes through bluetooth signal, easy to operate, fast, safe and flexible.

Features of the with gateway control : Gateway integrated into the control node, no extra central controller required(can save total barget), gateways connected each others by mesh network, If one of the gateways fails, the system automatically switches the alternative gateway to ensure the normal operation of the system.

Account management : with a multi-level rights management, managing multiple areas with different gateway configurations, and securely access control and configuration functions.

(Close field mobile direct connect and control)

Bluetooth solution | CHARACTERISTICS

Electrical parameters

Work voltage	NEMA 85-305VAC / ZHAGA 12V
Work temperature	-40° ~ +85°
Input frequency Range	47HZ-63HZ
Surge protection:	L-N:10KV
Dimming	0-10V
Standby power	< 2W

Wireless communication parameters

Communication mode	Bluetooth 5.0 low energy and above
ISM band	2.4GHz
Transmitting power	< 19dbm
Communication distance	< 400M
Group control technology	BLE+MESH

Operating system parameters

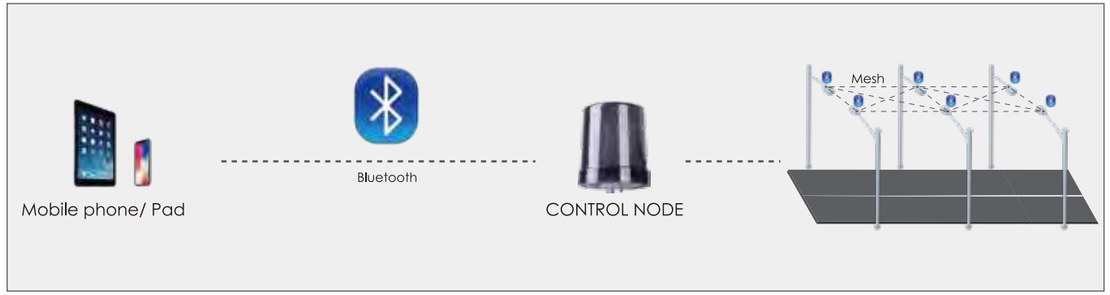
Operating system	Android version 5.0 and above IOS version 10.0 and above
Display resolution	720x1280 and above

Security considerations

Communication Security technology	AES CCM encryption
Account security management	Customer access key

Certification qualification

Compliance criterion	CE/ROSH BQB



(Long distance connect through gateway)

SMART LIGHTING POLE

Smart city is a new concept of urban development. It is a new method to promote the transformation of government functions and promote social management innovation. The goal is to make the infrastructure more intelligent, public services more convenient, social management more refined, ecological environment more livable, and the industrial system more optimization.

Smart management is to use a new generation of information technology to perceive, monitor, analyze and integrate urban resources, and to respond quickly, flexibly and accurately to various needs including people's livelihood, environmental protection, public safety, urban services, industrial and commercial activities, etc. The public creates a green and harmonious environment and provides a wide range of convenient and efficient services.

As an important part of a smart city, the Smart light pole is one of the public service infrastructures of smart cities. It is of great significance to integrate it better into the tide of smart city construction. The smart light pole is a multi-dimensional complex system integrating the Internet of Things, cloud computing and big data. It has the functions of a new urban lighting system, and integrates communication base stations, video surveillance, Led advertising screens, broadcasting, WIFI, one-touch calling, and charging piles new public service infrastructure.

Intelligent lighting
Realize remote control switch lights on and off, dimming, energy consumption statistics, fault alarms, etc.

Weather station
Small weather environment monitoring station that can monitor various environmental data such as temperature, PM2.5 , PM10, etc.

WIFI
WIFI convenient Internet access, user analysis, etc.

RFID
Electronic label, fixed asset management, location tracking, etc.

Advertising screen
Advertising operations, government promotion, emergency information release

Broadcast
Emergency broadcast, announcement, background music, citizen entertainment, etc.

Manhole cover inspection
Manhole cover opening warning, unusual action alarm, inspection management, etc.

Communication base station
Equipped with 5G base station to achieve 5G signal coverage

Intelligent monitoring
Security monitoring, vehicle monitoring, linkage alarm, etc.

Automatic spray
Cooling and dust reduction, effectively reducing PM2.5 and PM10 index to improve air quality

One-touch call
Can make a promotion call in case of emergency, respond to unexpected situations

Charging pile
New energy vehicles, mobile phones, battery car charging

Geomagnetic vehicle detector
Parking monitoring, parking space management, traffic guidance, etc.

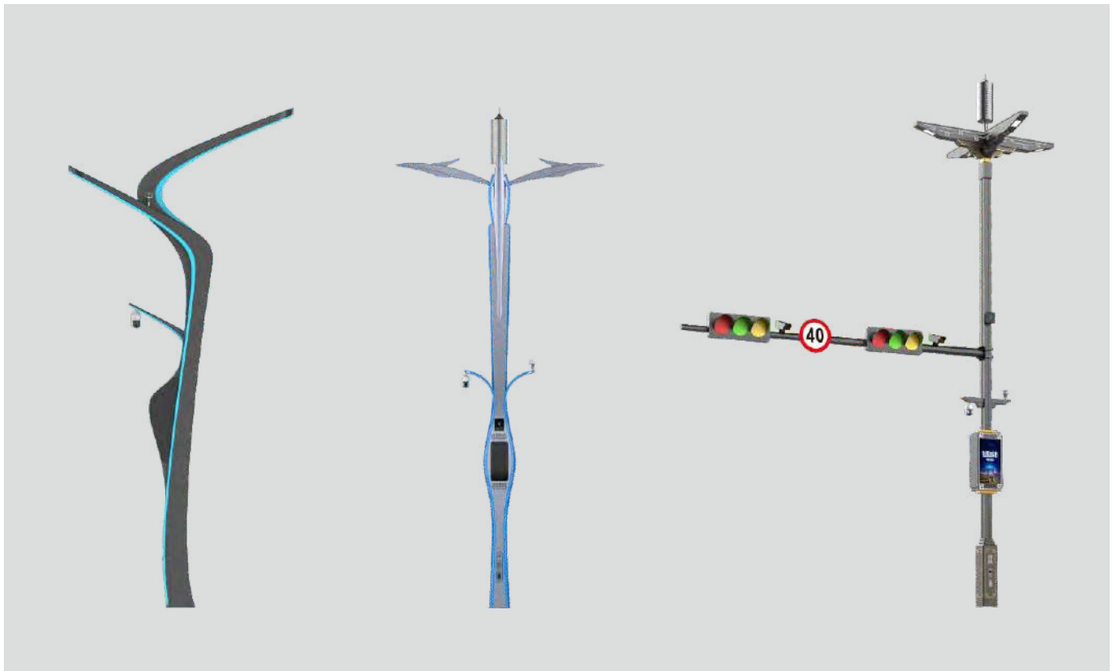
Smart garbage can
Garbage statistics, overflow alarm notification, automatic compression, weighing real-time statistics

SMART LIGHT POLE

Function

- ○ Signal light
- ○ Indicator
- ○ Electronic police
- ○ Charging pole
- ○ Scene mode
- ○ RFID
- ○ Sensor
- ○ Water level monitoring
- ○ WIFI
- ○ 5g base station
- ○ LED Screen
- ○ One button alarm + walkie-talkie
- ○ Information broadcast
- ○ Environmental weather monitoring
- ○ Noise monitoring
- ○ Illegal Parking monitoring
- ○ Red light breaking monitoring
- ○ Traffic flow monitoring
- ○ People flow monitoring
- ○ Face recognition
- ○ Camera
- ● Intelligent Lighting

● Basic Function ○ Optional Function



We believe in light

LED STREET LIGHT

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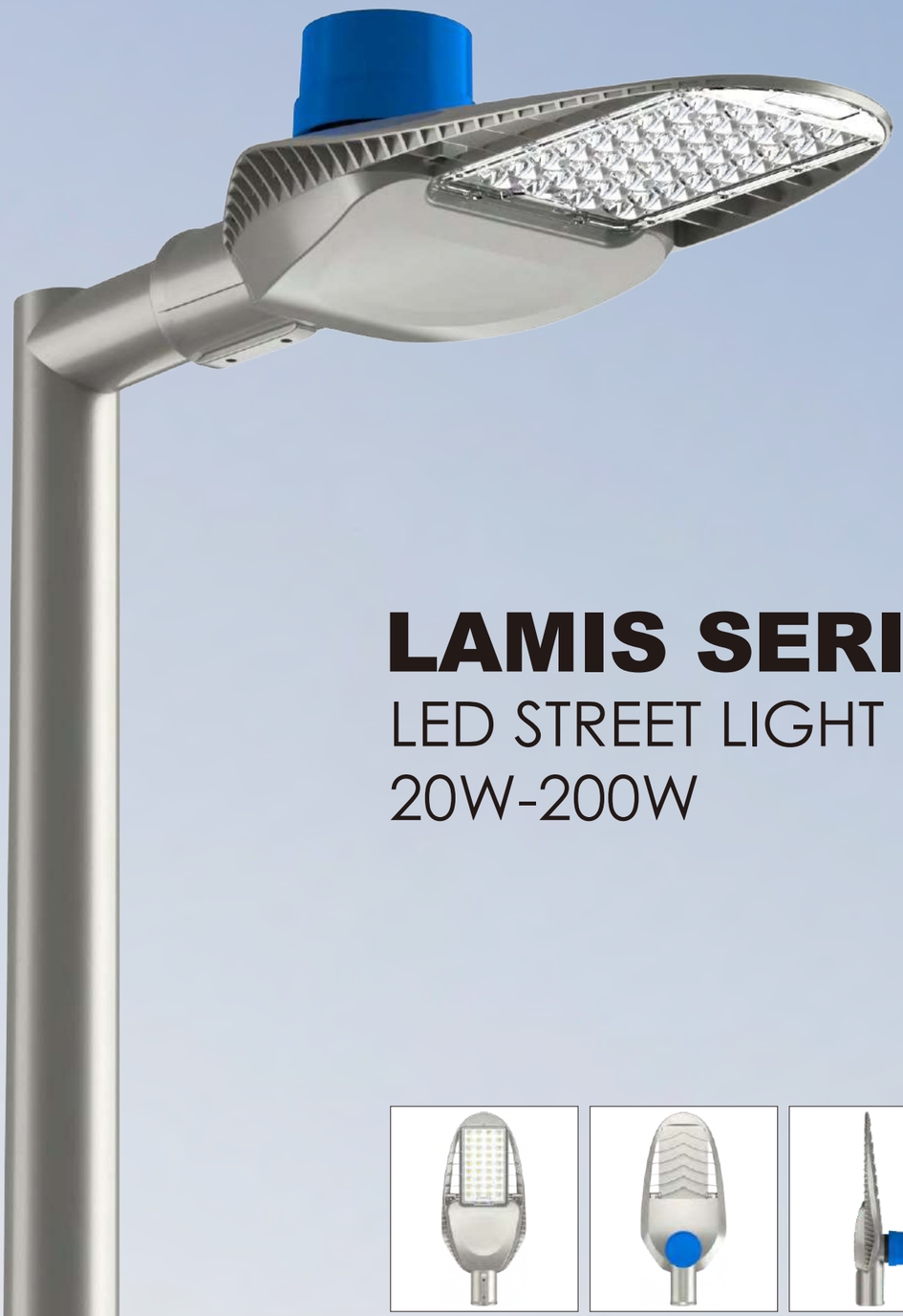


LAMIS SERIES

LED STREET LIGHT

20W-200W

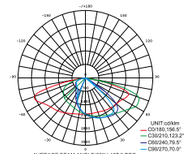
Features

1. lamis series provide wide wattages range from 20W to 200W with five sizes and different power.
2. Integrated lamp arm with diameter φ60mm. Pads can be added for smaller size(Micro φ50mm).
3. Interface with light control holes, can be equipped with 3-7pin light control.
4. Integrated lens, luminous efficiency up to 180lm/W.
5. Inherit ORO style, more economical.
6. Upper open cover lamp fixture.
7. Upper cover and electrical parts can be quickly removed and replaced.
8. Auto power disconnection switch can be optional.
9. Type 2, type 3, type 4, type 5 of lens can be optional.
10. 3030, 2835, 5050 of light source can be optional.
11. Light and electric separation structure, lower temperature, longer life.
12. With bars on the back for better heat conduction.

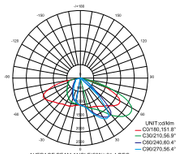
Application

Collector road, Local road, Residential road, Country road

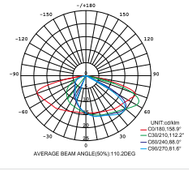
TYPE II-M



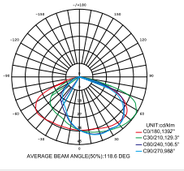
TYPE II-S



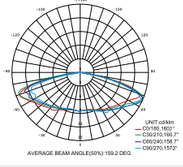
TYPE III

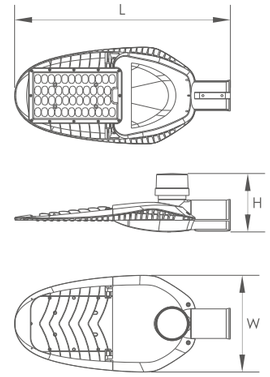


TYPE IV



TYPE V





Technical parameter

Model No.	System Power	Luminous Efficiency	Structure Description	Product Size(L*W*H)mm	Weight(kg)
Lamis Micro	20W-50W	180lm/W	Die-casting aluminum	430*185*87	3.6
Lamis Mini	60W-100W	180lm/W	Die-casting aluminum	510*229*96	4.6
Lamis Midi	110W-150W	180lm/W	Die-casting aluminum	570*265*96	5.6
Lamis Big	160W-200W	180lm/W	Die-casting aluminum	640*304*104	7.6

IP66 | IK08 | CRI 70/80 | 100-240V 120-277V | 47-63Hz | PF >0.95 | 20-95%RH | CCT 3000K / 4000K 5700K / 6500K | 50000H | -40°C 50°C

LINOS SERIES

LED STREET LIGHT

20W-300W

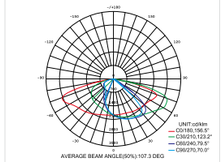
Features

1. LINOS street light, from 20W to 300W, designing five structures.
2. Optional light control 3/5/7 PIN NEMA receptacle and the infrared sensor.
3. SKD solution, Lenses, Glass, Upper Cover, Electrical parts etc, quickly assembly.
4. Standard adjustable spigot 60mm for the whole LINOS Series.
5. Tool-less access to the driver room by opening the upper cover.
6. 50*50mm Lenses, optional light source of 2835/3030/5050 etc, max. 190lm/W.
7. 6 in 1 or 8 in 1 lenses, with different light distribution type2/3/4/5.
8. Independent electrical compartment and light source unit, lower temperature and longer lifetime.
9. The light back is smooth designed, with self-cleaning function.
10. The spigot is adjustable ±20° and 2.5° per step.
11. Standard version with gradienter for installation.
12. The driver room well fit with both Class I and Class II LED driver.
13. Optional the single light controller, Zhaga standard LED module and power disconnection switch.

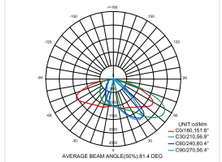
Application

Collector road, Local road, Residential road, Country road

TYPE II-M



TYPE II-S



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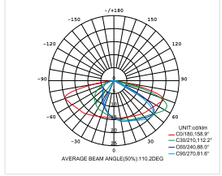

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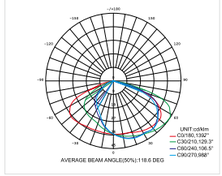

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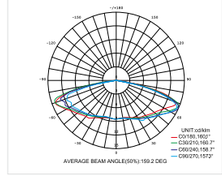
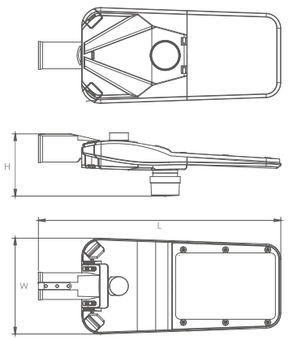




Technical parameter

Model No.	System Power	Luminous Efficiency	Structure Description	Product Size(L*W*H)mm	Weight(kg)
Linos Micro	20W-50W	160-190lm/W	Die-casting aluminum	535*202*104mm	4.6kg
Linos Mini	60W-100W	160-190lm/W	Die-casting aluminum	645*255*104mm	5.6kg
Linos Midi	110W-150W	160-190lm/W	Die-casting aluminum	695*280*104mm	6.6kg
Linos Big	160W-220W	160-190lm/W	Die-casting aluminum	750*305*104mm	8.6kg
Linos Maxi	230W-300W	160-190lm/W	Die-casting aluminum	810*330*110mm	10.6kg

IP66 | IK09 | CRI 70/80 | 100-240V 120-277V | 47-63Hz | PF >0.95 | 20-95%RH | CCT 3000K / 4000K 5700K / 6500K | 50000H | -40°C 50°C

ORO SERIES

(MICRO, MINI, MIDI)
LED STREET LIGHT
20W-130W

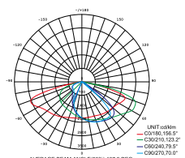
Features

1. Standard lumen efficiency: 160-190lm/W
2. High light transmittance tempered glass
3. UV protection PC lens
4. Intergarted die-casting heat sink
5. Curvy design (Self cleaning system to get rid of any accumulation of dirt on the surface)
6. Surge protection (optional 10kV or 20kV)
7. Multiple control methods and sensor devices available
8. Easy installation.

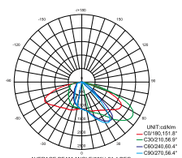
Application

Collector road, Local road etc

TYPE II-M



TYPE II-S



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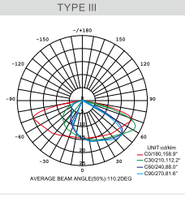

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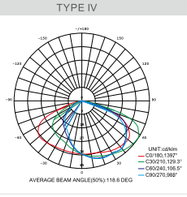

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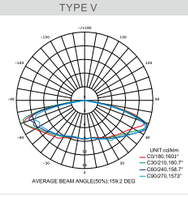
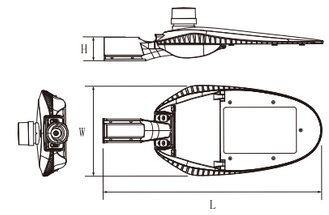




Technical parameter

Model No.	System Power	Luminous Efficiency	Structure Description	Product Size(L*W*H)mm	Weight(kg)
MS-ST802020	20W	160-190lm/W	Die-casting aluminum	522*245*76	2.7
MS-ST803030	30W	160-190lm/W	Die-casting aluminum	522*245*76	2.7
MS-ST804035	35W	160-190lm/W	Die-casting aluminum	522*245*76	2.7
MS-ST805020	20W	160-190lm/W	Die-casting aluminum	608*245*88	4.3
MS-ST806030	30W	160-190lm/W	Die-casting aluminum	608*245*88	4.3
MS-ST807040	40W	160-190lm/W	Die-casting aluminum	608*245*88	4.3
MS-ST808050	50W	160-190lm/W	Die-casting aluminum	608*245*88	4.3
MS-ST809060	60W	160-190lm/W	Die-casting aluminum	608*245*88	4.3
MS-ST810070	70W	160-190lm/W	Die-casting aluminum	608*245*88	4.3
MS-ST812080	80W	160-190lm/W	Die-casting aluminum	699*287*112	7.1
MS-ST813090	90W	160-190lm/W	Die-casting aluminum	699*287*112	7.1
MS-ST814100	100W	160-180lm/W	Die-casting aluminum	699*287*112	7.1
MS-ST815110	110W	160-180lm/W	Die-casting aluminum	699*287*112	7.1
MS-ST816120	120W	160-180lm/W	Die-casting aluminum	699*287*112	7.1
MS-ST817130	130W	160-180lm/W	Die-casting aluminum	699*287*112	7.1

IP66 | IK08 | CRI 70 | 100-240V 120-277V | 47-63Hz | PF >0.95 | 20-95%RH | CCT 3000K / 4000K 5000K | CCT 5700K 6500K | 50000H | -40°C 50°C

ORO SERIES
LED STREET LIGHT
100W-170W

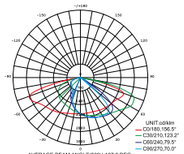
Features

1. High water proof level: IP66
2. Impact resistance: IK08
3. Robust structure design, ensure the stability
4. High Light transmittance tempered glass, better protection for lens part and long time, low light output depreciation
5. Tool-free access to electrical parts, convenient for installation and maintenance
6. Automatic power disconnection switch for higher electrical safety
7. Support side entry and post top installation, tile angle ±15°
8. Wide voltage range AC100-277V for global application

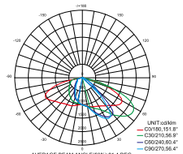
Application

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

TYPE II-M



TYPE II-S



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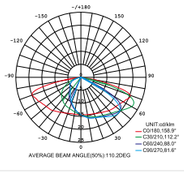

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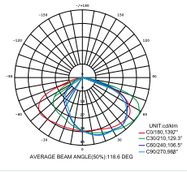

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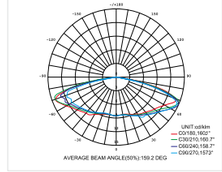
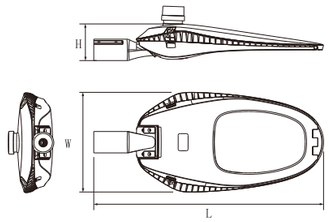




Technical parameter

Model No.	System Power	Luminous Efficiency	Structure Description	Product Size(L*W*H)mm	Weight(kg)
MS-ST818100	100W	160-170lm/W	Die-casting aluminum	818*350*132	11.1
MS-ST819110	110W	160-170lm/W	Die-casting aluminum	818*350*132	11.1
MS-ST820120	120W	160-170lm/W	Die-casting aluminum	818*350*132	11.1
MS-ST821130	130W	160-170lm/W	Die-casting aluminum	818*350*132	11.1
MS-ST822140	140W	160-170lm/W	Die-casting aluminum	818*350*132	11.1
MS-ST823150	150W	160-170lm/W	Die-casting aluminum	818*350*132	11.1
MS-ST824160	160W	160-170lm/W	Die-casting aluminum	818*350*132	11.1
MS-ST825170	170W	160-170lm/W	Die-casting aluminum	818*350*132	11.1

IP66 | IK08 | CRI 70 | 100-240V 120-277V | 47-63Hz | PF >0.95 | 20-95%RH | CCT 3000K / 4000K 5000K | CCT 5700K 6500K | 50000H | -40°C 50°C

ORO SERIES

(MAXI)
LED STREET LIGHT
140W-300W

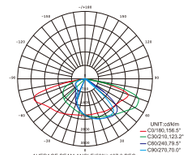
Features

1. High water proof level: IP66
2. Impact resistance: IK08
3. Robust structure design, ensure the stability
4. High Light transmittance tempered glass, better protection for lens part and long time, low light output depreciation
5. Tool-free access to electrical parts, convenient for installation and maintenance
6. Automatic power disconnection switch for higher electrical safety
7. Support side entry and post top installation, tile angle ±15°
8. Wide voltage rangeAC100-277V for global application

Application

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

TYPE II-M



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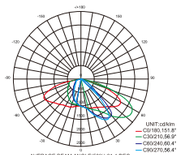

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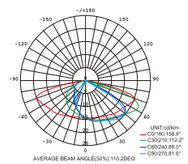

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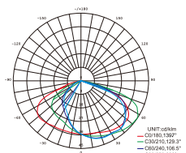

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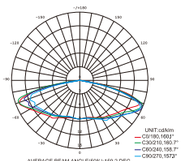
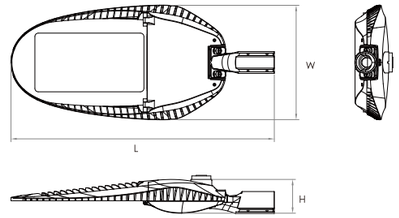




Technical parameter

Model No.	System Power	Luminous Efficiency	Structure Description	Product Size(L*W*H)mm	Weight(kg)
MS-ST1114140	140W	160-200lm/W	Die-casting aluminum	902*392*116	11.2
MS-ST1115150	150W	160-200lm/W	Die-casting aluminum	902*392*116	11.2
MS-ST1116160	160W	160-200lm/W	Die-casting aluminum	902*392*116	11.2
MS-ST1117170	170W	160-200lm/W	Die-casting aluminum	902*392*116	11.2
MS-ST1118180	180W	160-200lm/W	Die-casting aluminum	902*392*116	11.2
MS-ST1119190	190W	160-200lm/W	Die-casting aluminum	902*392*116	11.2
MS-ST1120200	200W	160-200lm/W	Die-casting aluminum	902*392*116	11.2
MS-ST1121210	210W	160-190lm/W	Die-casting aluminum	902*392*116	11.2
MS-ST1122220	220W	160-190lm/W	Die-casting aluminum	902*392*116	11.2
MS-ST1123230	230W	160-190lm/W	Die-casting aluminum	902*392*116	11.2
MS-ST1124240	240W	160-190lm/W	Die-casting aluminum	902*392*116	11.2
MS-ST1125250	250W	160-190lm/W	Die-casting aluminum	902*392*116	11.2
MS-ST1126260	260W	160-190lm/W	Die-casting aluminum	902*392*116	11.2
MS-ST1127270	270W	160-190lm/W	Die-casting aluminum	902*392*116	11.2
MS-ST1128280	280W	160-190lm/W	Die-casting aluminum	902*392*116	11.2
MS-ST1129290	290W	160-190lm/W	Die-casting aluminum	902*392*116	11.2
MS-ST1130300	300W	160-190lm/W	Die-casting aluminum	902*392*116	11.2

IP66 | IK08 | CRI 70 | 100-240V 120-277V | 47-63Hz | PF >0.95 | 20-95%RH | CCT 3000K / 4000K 5000K | CCT 5700K 6500K | 50000H | -40°C 50°C

VINCI SERIES

LED STREET LIGHT

20W-180W

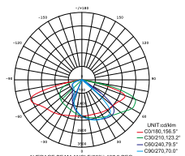
Features

1. Die-casting aluminium housing, with IP66 enclosure protection level (IEC 60529) degree.
2. Mechanical strength : IK 08 , IEC 62262, impact energy: 5J.
3. With high transparent clear glass, 4mm tempered glass.
4. Tool free open driver compartment, internal electronic parts modular designed for easy maintenance.
5. Modular designed LED+PCB, 4 in1 integrated optical lens, comply with ZHAGA standard.
6. CLASS I and CLASS II luminaries optional, with multiple functions quality driver, significant energy savings and a reduction of greenhouse gas emissions can be achieved.

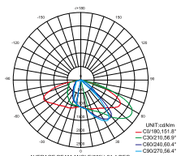
Application

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

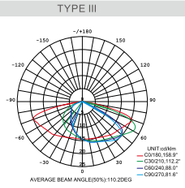
TYPE II-M



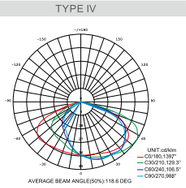
TYPE II-S



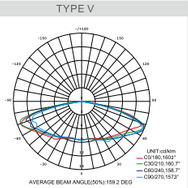
TYPE III

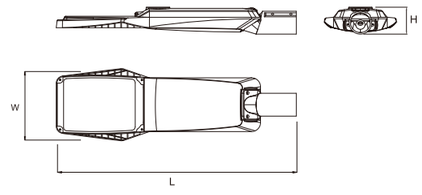


TYPE IV



TYPE V

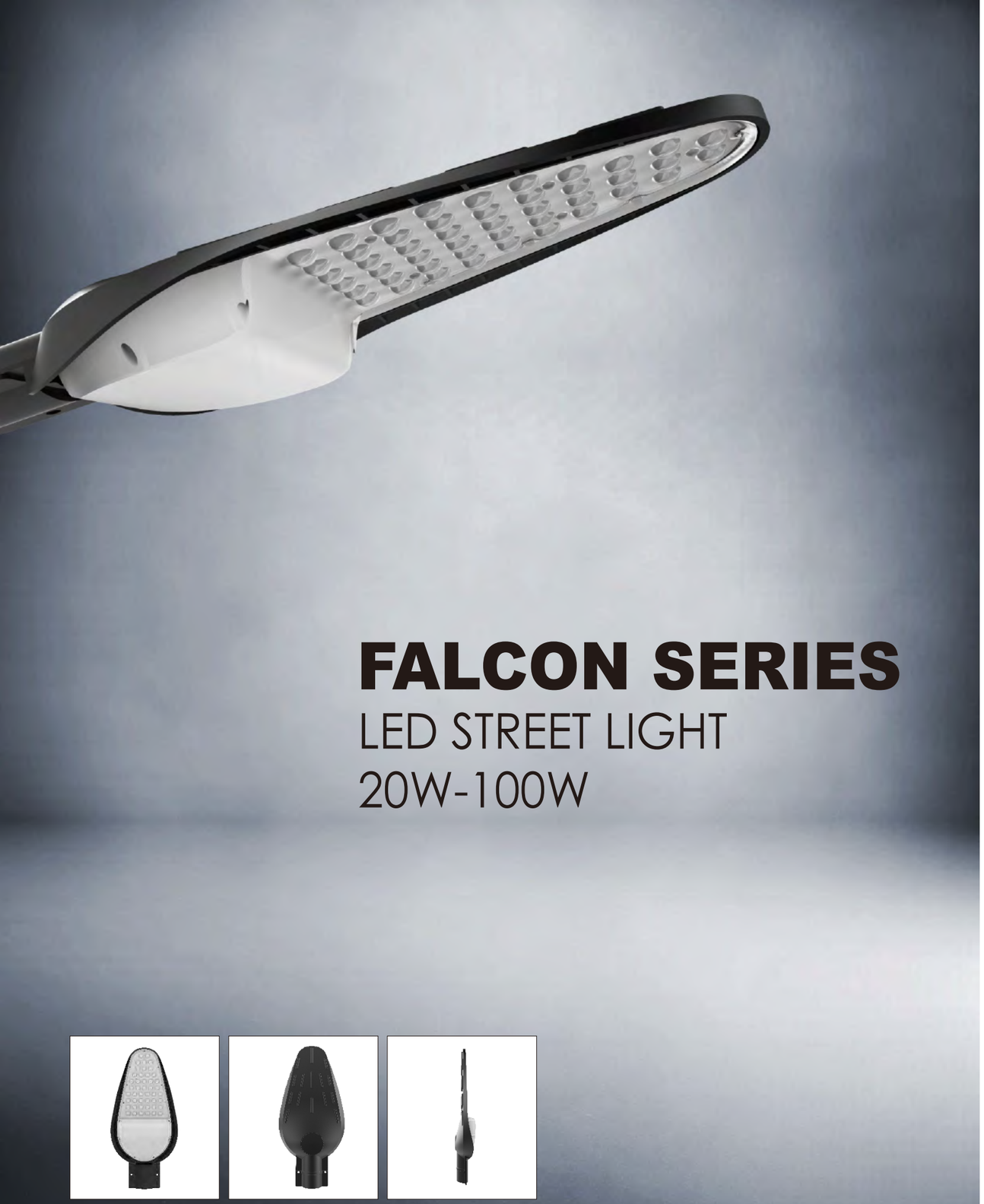




Technical parameter

System Power	System Power	Luminous Efficiency	Structure Description	Product Size(L*W*H)mm	Weight(kg)
MS-ST1098020	20W	160-190lm/W	Die-casting aluminum	685*218*85	4.8
MS-ST1099030	30W	160-190lm/W	Die-casting aluminum	685*218*85	4.8
MS-ST1100040	40W	160-190lm/W	Die-casting aluminum	685*218*85	4.8
MS-ST1101050	50W	160-190lm/W	Die-casting aluminum	685*218*85	4.8
MS-ST1102060	60W	160-190lm/W	Die-casting aluminum	685*218*85	4.8
MS-ST1103070	70W	160-190lm/W	Die-casting aluminum	753*240*87	6.5
MS-ST1104080	80W	160-190lm/W	Die-casting aluminum	753*240*87	6.5
MS-ST1105090	90W	160-190lm/W	Die-casting aluminum	753*240*87	6.5
MS-ST1106100	100W	160-190lm/W	Die-casting aluminum	753*240*87	6.5
MS-ST1107110	110W	160-180lm/W	Die-casting aluminum	753*240*87	6.5
MS-ST1108120	120W	160-180lm/W	Die-casting aluminum	753*240*87	6.5
MS-ST1109130	130W	160-180lm/W	Die-casting aluminum	867*285*100	9.0
MS-ST1110140	140W	160-180lm/W	Die-casting aluminum	867*285*100	9.0
MS-ST1111150	150W	160-180lm/W	Die-casting aluminum	867*285*100	9.0
MS-ST1112160	160W	160-180lm/W	Die-casting aluminum	867*285*100	9.0
MS-ST1113170	170W	160-180lm/W	Die-casting aluminum	867*285*100	9.0
MS-ST1114180	180W	160-180lm/W	Die-casting aluminum	867*285*100	9.0

IP66 | IK08 | CRI 70/80 | 100-240V 120-277V | 47-63Hz | PF >0.95 | 20-95%RH | CCT 3000K / 4000K 5000K | CCT 5700K 6500K | 50000H | -40°C 50°C



FALCON SERIES
LED STREET LIGHT
20W-100W

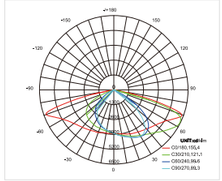
Features

1. NEMA standard interface light control holes can be equipped with light control
2. The back is smooth and not easy to accumulate dust
3. Lamp Arm Fit: 42 - 60 mm
4. Water tight level: IP66
5. Mechanical impacts protection rate: IK10
6. 10KV surge protection

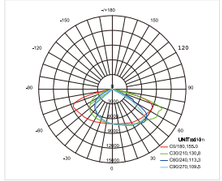
Application

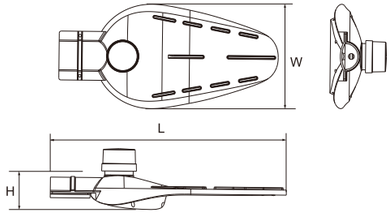
Collector road, Local road, Residential road, Country road

TYPE II-M



TYPE III-M

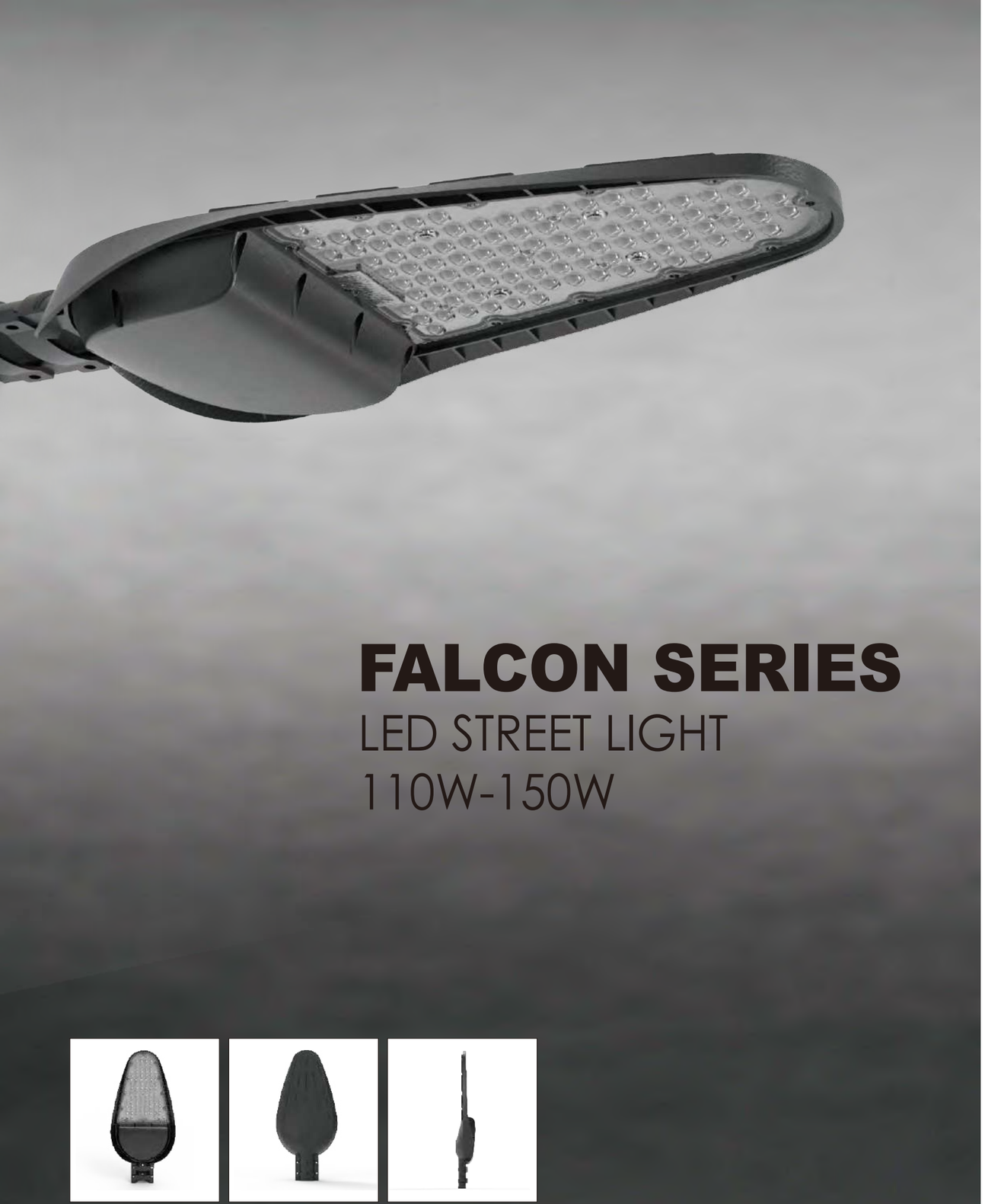




Technical parameter

Model No.	System Power	Luminous Efficiency	Structure Description	Product Size(L*W*H)mm	Weight(kg)
MS-ST881020	20W	160-190lm/W	Die-casting aluminum	350*165*64	1.8
MS-ST882030	30W	160-190lm/W	Die-casting aluminum	350*165*64	1.8
MS-ST883040	40W	160-190lm/W	Die-casting aluminum	420*200*71	2.2
MS-ST884050	50W	160-190lm/W	Die-casting aluminum	420*200*71	2.2
MS-ST885060	60W	160-190lm/W	Die-casting aluminum	546*260*80	3.1
MS-ST886070	70W	160-190lm/W	Die-casting aluminum	546*260*80	3.1
MS-ST887080	80W	160-190lm/W	Die-casting aluminum	546*260*80	3.1
MS-ST888090	90W	160-190lm/W	Die-casting aluminum	546*260*80	3.1
MS-ST889100	100W	160-190lm/W	Die-casting aluminum	546*260*80	3.1

IP66 | IK10 | CRI 70/80 | 100-240V 120-277V | 47-63Hz | PF >0.95 | 20-95%RH | CCT 3000K / 4000K 5700K / 6500K | 50000H | -40°C 50°C



FALCON SERIES

LED STREET LIGHT

110W-150W

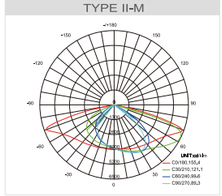
Features

1. NEMA standard interface light control holes can be equipped with light control
2. The back is smooth and not easy to accumulate dust
3. Lamp Arm Fit: 42 - 60 mm
4. Water tight level: IP66
5. Mechanical impacts protection rate: IK10
6. 10KV surge protection

Application

Collector road, Local road, Residential road, Country road

TYPE II-M



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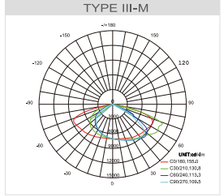
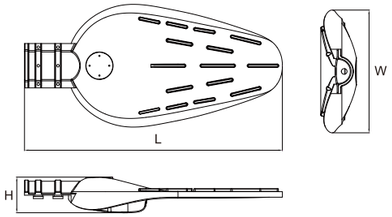




Technical parameter

Model No.	System Power	Luminous Efficiency	Structure Description	Product Size(L*W*H)mm	Weight(kg)
MS-ST1042110-PW	110W	160-190lm/W	Die-casting aluminum	312*655*91	4.5
MS-ST1043120-PW	120W	160-190lm/W	Die-casting aluminum	312*655*91	4.5
MS-ST1044130-PW	130W	160-190lm/W	Die-casting aluminum	312*655*91	4.5
MS-ST1045140-PW	140W	160-190lm/W	Die-casting aluminum	312*655*91	4.5
MS-ST1046150-PW	150W	160-190lm/W	Die-casting aluminum	312*655*91	4.5

IP66 | IK10 | CRI 70/80 | 100-240V 120-277V | 47-63Hz | PF >0.95 | 20-95%RH | CCT 3000K / 4000K 5700K / 6500K | 50000H | -40°C 50°C

COLUMBUS-I SERIES

LED STREET LIGHT
20W-100W

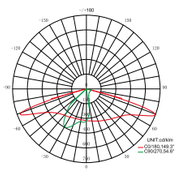
Features

1. Brand LED light source and driver, ensure the performance and quality
2. Die casting housing, high efficiency and modular design on optic lens part
3. Wattages cover 20W to 100W
4. Built-in driver and SPD
5. NEMA standard receptacle optional
6. Can be modified to use with solar system

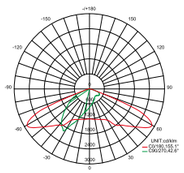
Application

Country road, Collector road, Local road, Residential road

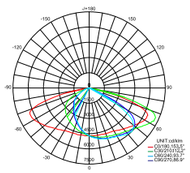
TYPE II-M

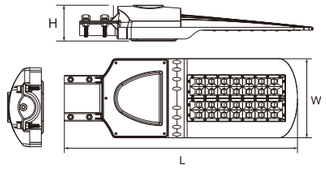


TYPE II-S



TYPE III-S





Technical parameter

Model No.	System Power	Luminous Efficiency	Structure Description	Product Size(L*W*H)mm	Weight(kg)
MS-ST236020	20W	160-170lm/W	Die-casting aluminum	560*190*86	3.2
MS-ST237030	30W	160-170lm/W	Die-casting aluminum	560*190*86	3.2
MS-ST238040	40W	160-170lm/W	Die-casting aluminum	560*190*86	3.5
MS-ST240050	50W	160-170lm/W	Die-casting aluminum	560*190*86	3.5
MS-ST239060	60W	160-170lm/W	Die-casting aluminum	560*190*86	3.5
MS-ST516070	70W	160-170lm/W	Die-casting aluminum	560*190*86	3.7
MS-ST517080	80W	160-170lm/W	Die-casting aluminum	560*190*86	3.7
MS-ST518090	90W	160-170lm/W	Die-casting aluminum	560*190*86	3.7
MS-ST519100	100W	160-170lm/W	Die-casting aluminum	560*190*86	3.7

IP66 | IK08 | CRI 70 | 100-240V 120-277V | 47-63Hz | PF >0.95 | 20-95%RH | CCT 3000K / 4000K 5000K | CCT 5700K 6500K | 50000H | -40°C 50°C

COLUMBUS-II SERIES

LED STREET LIGHT
20W-150W

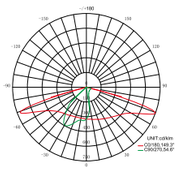
Features

1. Brand LED light source and driver, ensure the performance and quality
2. Die casting housing, high efficiency and modular design on optic lens part
3. Wattages cover 20W to 150W
4. Built-in driver and SPD
5. NEMA standard receptacle optional
6. Can be modified to use with solar system

Application

Country road, Collector road, Local road, Residential road

TYPE II-M



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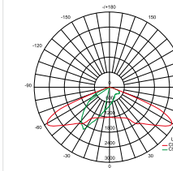

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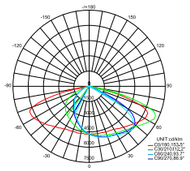
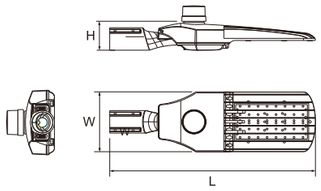




Technical parameter

Model No.	System Power	Luminous Efficiency	Structure Description	Product Size(L*W*H)mm	Weight(kg)
MS-ST236020	20W	160-190lm/W	Die-casting aluminum	686*200*96	4.9
MS-ST237030	30W	160-190lm/W	Die-casting aluminum	686*200*96	4.9
MS-ST238040	40W	160-190lm/W	Die-casting aluminum	686*200*96	4.9
MS-ST240050	50W	160-190lm/W	Die-casting aluminum	686*200*96	4.9
MS-ST239060	60W	160-190lm/W	Die-casting aluminum	686*200*96	4.9
MS-ST516070	70W	160-190lm/W	Die-casting aluminum	686*200*96	4.9
MS-ST517080	80W	160-190lm/W	Die-casting aluminum	686*200*96	4.9
MS-ST518090	90W	160-190lm/W	Die-casting aluminum	686*200*96	4.9
MS-ST519100	100W	160-190lm/W	Die-casting aluminum	686*200*96	4.9
MS-ST519110	110W	160-190lm/W	Die-casting aluminum	790*260*102	7.4
MS-ST519120	120W	160-190lm/W	Die-casting aluminum	790*260*102	7.4
MS-ST519130	130W	160-190lm/W	Die-casting aluminum	790*260*102	7.4
MS-ST519140	140W	160-190lm/W	Die-casting aluminum	790*260*102	7.4
MS-ST519150	150W	160-190lm/W	Die-casting aluminum	790*260*102	7.4

IP66 | IK08 | CRI 70 | 100-240V | 47-63Hz | PF >0.95 | 20-95%RH | CCT 3000K / 4000K 5000K | CCT 5700K 6500K | 50000H | -40°C 50°C

TITAN SERIES

LED STREET LIGHT

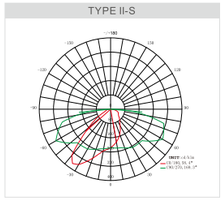
30W-330W

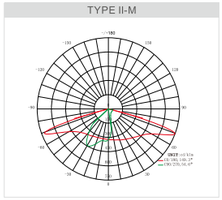
Features

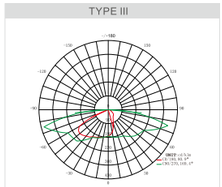
1. Die-casting driver compartment and high purity aluminum for light source heat sink
2. Enclosure protection level: IP66. Impact resistance level: IK08
3. Independent compartment design
4. Various installation adaptors available
5. Different lens for different light distributions optional
6. NEMA standard twist lock receptacle optional
7. Optional motion sensor

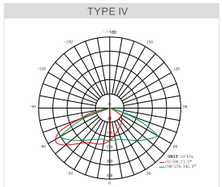
Application

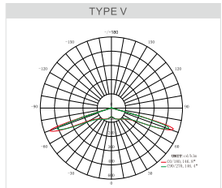
Parking lot, Stadium, Tennis court, High mast, City expressway, Major road, Collector road, Local road etc

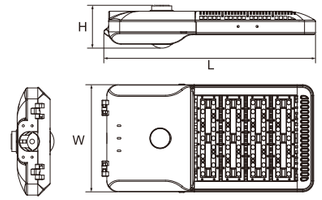












Technical parameter

Model No.	System Power	Luminous Efficiency	Structure Description	Product Size(L*W*H)mm	Weight(kg)
MS-ST480030	30W	150-160lm/W	Die-casting+ stamping aluminium	435*342*137	6.9
MS-ST481060	60W	150-160lm/W	Die-casting+ stamping aluminium	435*342*137	6.9
MS-ST482090	90W	150-160lm/W	Die-casting+ stamping aluminium	515*342*137	7.8
MS-ST483120	120W	150-160lm/W	Die-casting+ stamping aluminium	515*342*137	7.8
MS-ST484150	150W	150-160lm/W	Die-casting+ stamping aluminium	595*342*137	8.5
MS-ST485180	180W	150-160lm/W	Die-casting+ stamping aluminium	595*342*137	8.5
MS-ST486210	210W	150-160lm/W	Die-casting+ stamping aluminium	675*342*137	9.4
MS-ST487240	240W	150-160lm/W	Die-casting+ stamping aluminium	675*342*137	9.4
MS-ST488270	270W	150-160lm/W	Die-casting+ stamping aluminium	755*342*137	10.3
MS-ST489300	300W	150-160lm/W	Die-casting+ stamping aluminium	755*342*137	10.3
MS-ST490330	330W	150-160lm/W	Die-casting+ stamping aluminium	835*342*137	11.3

IP66 | IK08 | CRI 70/80 | 100-240V/120-277V 347-480V | 47-63Hz | PF >0.95 | 20-95%RH | CCT 3000K / 4000K 5000K | CCT 5700K 6500K | 50000H | -40°C 50°C

VITRO SERIES

LED STREET LIGHT
20W-200W

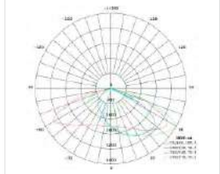
Features

1. CREE/LUMILEDS/OSRAM original high-power LED is selected, which fully ensures the light color stability and light pass maintenance rate of the lamp.
2. The international famous brand special driving power supply for high-power LED street lamps has been adopted, and the reliability and stability of lamps have been greatly improved through various certifications.
3. The secondary light distribution design with independent intellectual property rights can improve the efficiency of lamps and make the distance-height ratio of lamps reach 1: 4; Optical lenses with high light transmittance make lamps more efficient.
4. Innovative rib-type heat dissipation design makes full use of the surface area of the lamp body and has better heat dissipation effect.
5. Unique design, lighter lamps, increase the safety of use.

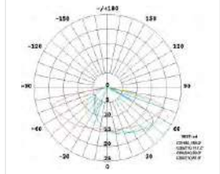
Application

Urban Secondary Road, Branch Road, Rural Road, Park Landscape Road, Commercial Residential Road.

TYPE II



TYPE III



Technical parameter

Model No.	System Power	Luminous Efficiency	Structure Description	Product Size(L*W*H)mm	Weight(kg)
MS-ST1056020	20W	160-190lm/W	Die-casting aluminum	408*230*106	4.8
MS-ST1057030	30W	160-190lm/W	Die-casting aluminum	408*230*106	4.8
MS-ST1058040	40W	160-190lm/W	Die-casting aluminum	408*230*106	4.8
MS-ST1059050	50W	160-190lm/W	Die-casting aluminum	408*230*106	4.8
MS-ST1060060	60W	160-190lm/W	Die-casting aluminum	509*230*105	5.5
MS-ST1061070	70W	160-190lm/W	Die-casting aluminum	509*230*105	5.5
MS-ST1062080	80W	160-190lm/W	Die-casting aluminum	509*230*105	5.5
MS-ST1063090	90W	160-190lm/W	Die-casting aluminum	509*230*105	5.5
MS-ST1064100	100W	160-190lm/W	Die-casting aluminum	509*230*105	5.5
MS-ST1065110	110W	160-190lm/W	Die-casting aluminum	600*257*108	6.6
MS-ST1066120	120W	160-190lm/W	Die-casting aluminum	600*257*108	6.6
MS-ST1067130	130W	160-190lm/W	Die-casting aluminum	600*257*108	6.6
MS-ST1068140	140W	160-190lm/W	Die-casting aluminum	600*257*108	6.6
MS-ST1069150	150W	160-190lm/W	Die-casting aluminum	600*257*108	6.6
MS-ST1070160	160W	160-190lm/W	Die-casting aluminum	703*303*124	7.9
MS-ST1071170	170W	160-190lm/W	Die-casting aluminum	703*303*124	7.9
MS-ST1072180	180W	160-190lm/W	Die-casting aluminum	703*303*124	7.9
MS-ST1073190	190W	160-190lm/W	Die-casting aluminum	703*303*124	7.9
MS-ST1074200	200W	160-190lm/W	Die-casting aluminum	703*303*124	7.9

ZIBER SERIES

LED STREET LIGHT
20W-200W

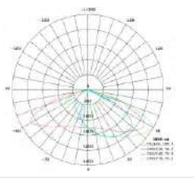
Features

1. CREE/LUMILEDS/OSRAM original high-power LED is selected, which fully ensures the light color stability and light pass maintenance rate of the lamp.
2. The international famous brand special driving power supply for high-power LED street lamps has been adopted, and the reliability and stability of lamps have been greatly improved through various certifications.
3. The secondary light distribution design with independent intellectual property rights can improve the efficiency of lamps and make the distance-height ratio of lamps reach 1: 4; Optical lenses with high light transmittance make lamps more efficient.
4. Unique design, High efficiency LED components, increase the safety of use; High-strength tempered glass mask makes lamps easier to clean and optical devices more durable.
5. Support side entry and top post install, fixture angle adjustable,for side entry,±10°,top post,0~20°.

Application

Urban Secondary Road, Branch Road, Rural Road, Park Landscape Road, Commercial Residential Road.

TYPE II



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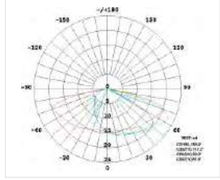


Technical parameter

Model No.	System Power	Luminous Efficiency	Structure Description	Product Size(L*W*H)mm	Weight(kg)
MS-ST1037020	20W	160-190lm/W	Die-casting aluminum	417*267*155	4.6
MS-ST1038030	30W	160-190lm/W	Die-casting aluminum	417*267*155	4.6
MS-ST1039040	40W	160-190lm/W	Die-casting aluminum	417*267*155	4.6
MS-ST1040050	50W	160-190lm/W	Die-casting aluminum	417*267*155	4.6
MS-ST1041060	60W	160-190lm/W	Die-casting aluminum	482*272*160	6.8
MS-ST1042070	70W	160-190lm/W	Die-casting aluminum	482*272*160	6.8
MS-ST1043080	80W	160-190lm/W	Die-casting aluminum	482*272*160	6.8
MS-ST1044090	90W	160-190lm/W	Die-casting aluminum	482*272*160	6.8
MS-ST1045100	100W	160-190lm/W	Die-casting aluminum	482*272*160	6.8
MS-ST1046110	110W	160-190lm/W	Die-casting aluminum	542*302*160	6.8
MS-ST1047120	120W	160-190lm/W	Die-casting aluminum	542*302*160	6.8
MS-ST1048130	130W	160-190lm/W	Die-casting aluminum	542*302*160	6.8
MS-ST1049140	140W	160-190lm/W	Die-casting aluminum	542*302*160	6.8
MS-ST1050150	150W	160-190lm/W	Die-casting aluminum	542*302*160	6.8
MS-ST1051160	160W	160-180lm/W	Die-casting aluminum	612*372*185	7.6
MS-ST1052170	170W	160-180lm/W	Die-casting aluminum	612*372*185	7.6
MS-ST1053180	180W	160-180lm/W	Die-casting aluminum	612*372*185	7.6
MS-ST1054190	190W	160-180lm/W	Die-casting aluminum	612*372*185	7.6
MS-ST1055200	200W	160-180lm/W	Die-casting aluminum	612*372*185	7.6

IP66 | IK08 | CRI 70 | 100-240V | 47-63Hz | PF >0.95 | 20-95%RH | CCT 3000K / 4000K 5000K | CCT 5700K 6500K | 50000H | -40°C 50°C

SOL SOLAR

LED STREET LIGHT

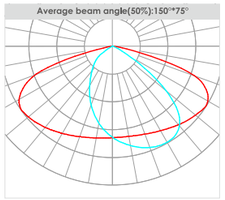
6W-45W

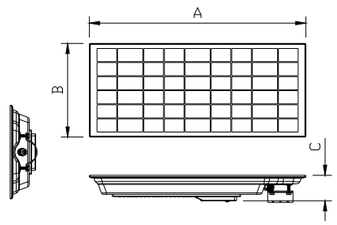
Features

1. Built-in MPPT technology to track the maximum sun for quick charging.
2. 8-10 hours full brightness after full charge, or >36 hours in dimming mode.
3. Aluminium alloy housing, battery replaceable design.
4. IP65 Waterproof .
5. 3 year warranty for whole product.

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.	Solar panel	Battery	Lumens	Angle	Sensing distance	Pole Diameter
MS-ST901006	4.5V6W(Mono)	16WH(LiFepo4)	480Lm+10%	150*75°	4-6M	φ40mm
MS-ST902010	4.5V10W(Mono)	32Wh(LiFepo4)	950Lm+10%	150*75°	4-6M	φ50mm
MS-ST903015	4.5V15W(Mono)	48WH(LiFepo4)	1300Lm+10%	150*75°	4-6M	φ50mm
MS-ST904030	6V30W(Mono)	64WH(LiFepo4)	1800Lm+10%	150*75°	4-6M	φ50mm
MS-ST905045	6V45W(Mono)	96WH(LiFepo4)	2200Lm+10%	150*75°	4-6M	φ50mm

IP65 | IK08 | CRI 70 | PF >0.95 | 20-95%RH | CCT 6500K | 50000H | -20°C 50°C

LEONA SOLAR

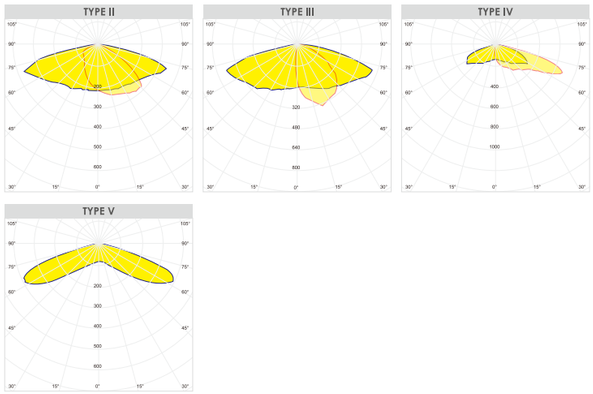
LED STREET LIGHT
10W-120W

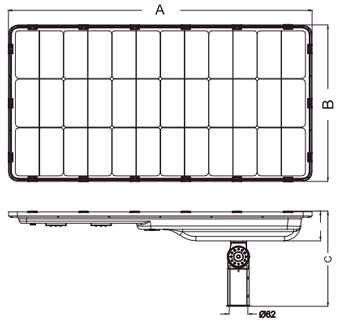
Features

1. Stable Photoelectric Conversion Efficiency
2. Vertical Installation and Horizontal Installation
3. Adjusted 360o Angle Rotation
4. Non-Corrosive ADC12 Die Cast Aluminium
5. Duck Grey powder coat finish (std.)
6. Custom and factory select colors available
7. Totally New DISON IFR26650 Lifepo4 Battery Pack
8. Monocrystalline silicon solar panels
9. >70 Color Rendering Index (CRI)
10. L70 100,000Hrs @ 25°C
11. PCB: Metal Core
12. PIR, Microwave sensor
13. Control system with time dimming
14. PWM/MPPT charge controller
15. 5 Year Warranty
16. Operating Temperature: -20 ~ +50°C
17. IP66 IK08

Application

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





Technical parameter

Model No.	Solar panel	Battery Parameters	Luminous Efficiency	Backup Time	Sensor
MS-ST906010	10W	12.8V 7AH LiFepo4	180Lm/W	2-3 days autonomy	Mircoware
MS-ST907020	20W	12.8V 10AH LiFepo4	180Lm/W	2-3 days autonomy	Mircoware
MS-ST908030	30W	12.8V 20AH LiFeO4	180Lm/W	2-3 days autonomy	Mircoware
MS-ST909040	40W	12.8V 34AH LiFepo4	180Lm/W	2-3 days autonomy	Mircoware
MS-ST910060	60W	12.8V 44AH LiFepo4	180Lm/W	2-3 days autonomy	Mircoware
MS-ST911080	80W	12.8V 51AH LiFepo4	180Lm/W	2-3 days autonomy	Mircoware
MS-ST912100	100W	12.8V 34AHLiFeO4	180Lm/W	2-3 days autonomy	Mircoware
MS-ST913120	120W	12.8V 48AH LiFepo4	180Lm/W	2-3 days autonomy	Mircoware

IP66 | IK08 | CRI 70 | PF >0.95 | 20-95%RH | CCT 2700K-6500K | 50000H | -20°C 50°C

LEONA SL SOLAR

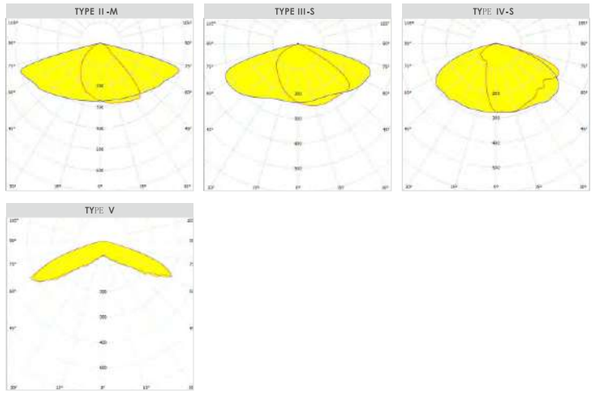
LED STREET LIGHT
6W-18W

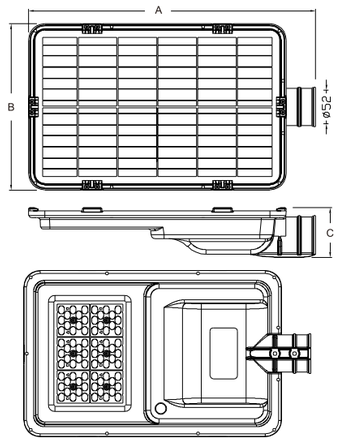
Features

1. Stable Photoelectric Conversion Efficiency
2. Non-Corrosive ADC12 Die Cast Aluminium
3. Totally New DISON IFR26650 Lifepo4 Battery Pack
4. Monocrystalline silicon solar panels
5. >70 Color Rendering Index (CRI)
6. Control system with time dimming
7. PWM/MPPT charge controller
8. 5 Year Warranty
9. Operating Temperature: -20 ~ +50°C
10. IP66 Ik08

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.



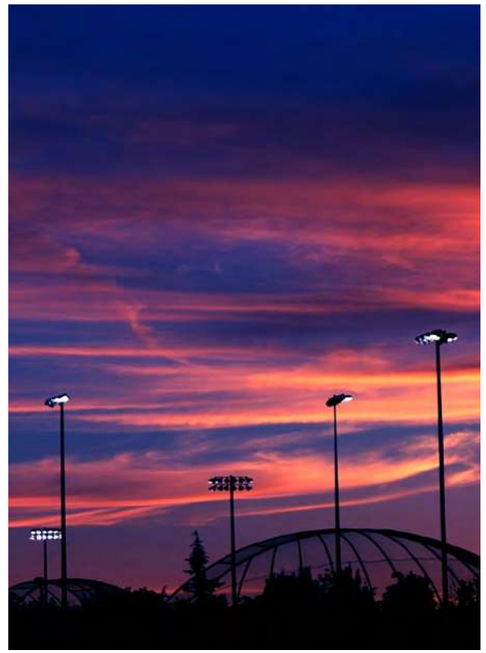


Technical parameter

Model No.	Solar panel	Battery Parameters	Luminous Efficiency	Raining Day	External Screw
MS-ST914006	6W	170Lm/W	LiFeO4 Battery 3.2V 10AH32WH	3-4 Day	#304 Stainless Steel
MS-ST915012	12W	170Lm/W	LiFeO4 Battery 3.2V 15AH48WH	3-4 Day	#304 Stainless Steel
MS-ST916018	18W	170Lm/W	LiFeO4 Battery 20AH 64WH	3-4 Day	#304 Stainless Steel

IP66 | IK08 | CRI 70 | PF >0.95 | 20-95%RH | CCT 2700K-6500K | 50000H | -20°C 50°C

LED FLOOD LIGHT



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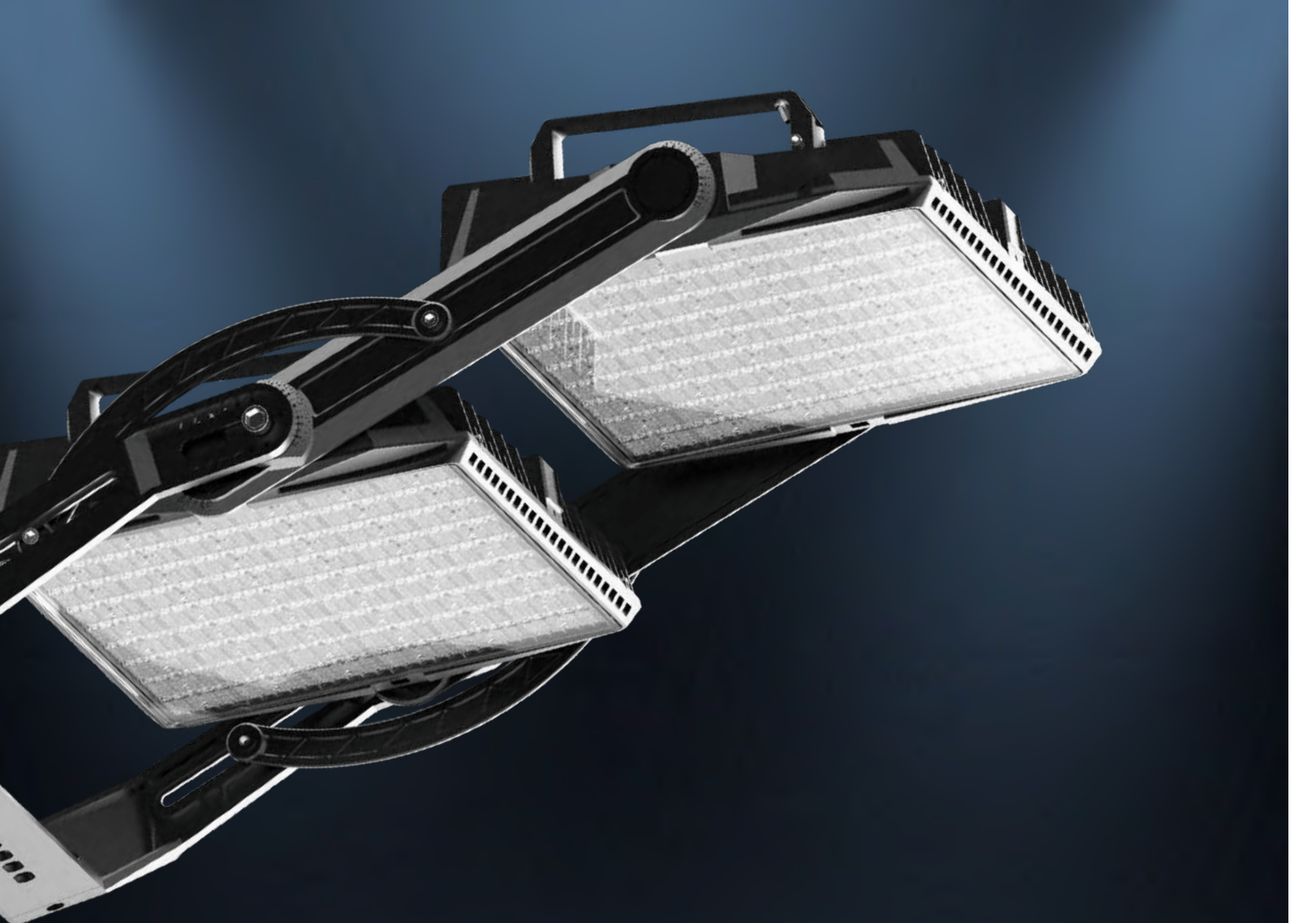
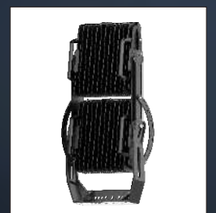
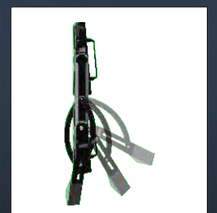


PHANTOM SERIES

LED FLOOD LIGHT

400W-1200W



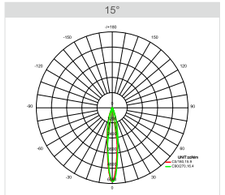


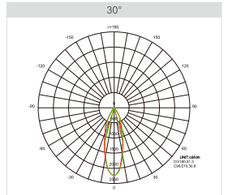
Features

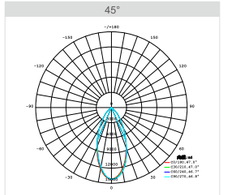
1. Light source: CREE/PHILIPS/OSRAM original high-power LED is selected, which fully guarantees the stability of the light color and maintenance rate of luminous flux.
2. Driver: Adopted the world-wild branded driver, the reliability and stability of the lights have been greatly improved.
3. Light distribution: Patented secondary light distribution design, with multiple angles to meet the needs of different places.
4. Heat dissipation: The radiator adopts a cold forging manufacturing process to ensure the LED has a good performance in heat dissipation, and the temperature rise is within the design range. Appearance: The novel and unique design to make a excellent visual and physical texture.
5. Structure: Modular design is adopted to meet the needs of different powers of customers.
6. Control System: Receptacle/ dimming/ remote control interfaces is reserved, which can easily realize various controls.
7. Protection: 5mm thick tempered glass is used to reach the impact protection level IK08, and the waterproof protection IP66.

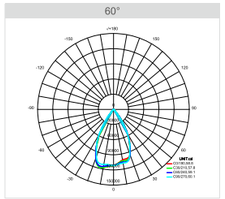
Application

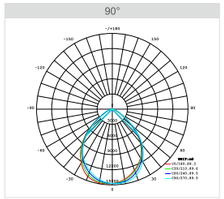
Golf courses, football fields, other outdoor courts, ports, airports, entrances and exits of railway

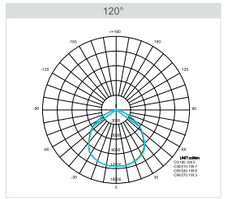


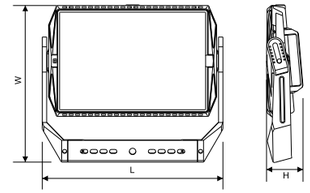


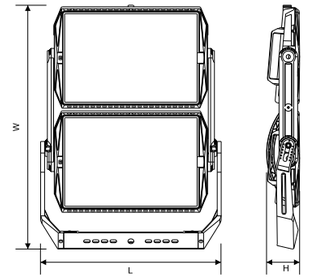












Technical parameter

Model No.	System Power	Luminous Efficiency	Structure Description	Product Size(L*W*H)mm	Weight(kg)
MS-FL1190400	400W	150-180lm/W	Die-casting	559*485*113mm	14
MS-FL1200500	500W	150-180lm/W	Die-casting	559*485*113mm	14
MS-FL1210600	600W	150-180lm/W	Die-casting	559*485*113mm	14
MS-FL1220800	800W	150-170lm/W	Die-casting	780*616*113mm	25.25
MS-FL1231000	1000W	150-170lm/W	Die-casting	780*616*113mm	25.25
MS-FL1241200	1200W	150-170lm/W	Die-casting	780*616*113mm	25.25

IP66 | IK08 | CRI 70/80 | 100-240V 120-277V | 47-63Hz | PF >0.95 | 20-95%RH | CCT 3000K / 4000K 5000K | CCT 5700K 6500K | 50000H | -40°C 50°C

MASTER SERIES

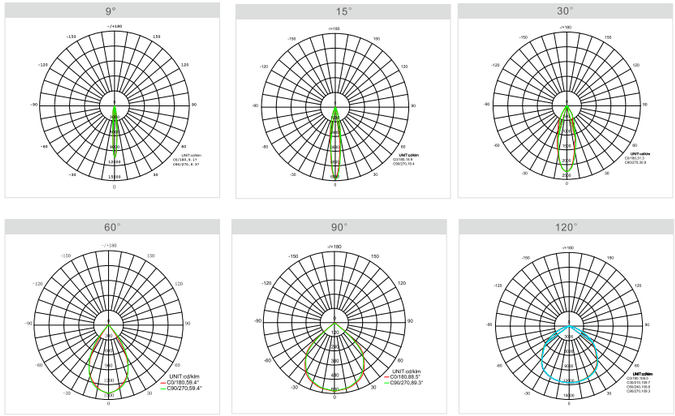
HIGH POWER MODULAR LED FLOOD LIGHT 80W-960W

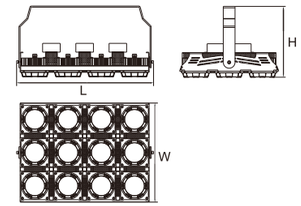
Features

1. Professional optical design, precise light distribution, low light glare
2. 80W/module, 80W-960W available Replace traditional 150W-2000W light fixture
3. 9°, 15°, 30°, 60°, 90°, 120° beam angle available
4. Philips / Meanwell driver, Cree / Osram / Lumileds led, 5 years warranty
5. High Light transmittance tempered glass
6. UV Protection PC lens
7. High purity aluminium&die-casting aluminium
8. Pure aluminium cold forging technology + anodic oxidation (more safety)
9. Low luminous decay LEDs: Zero decay within 3,000 hours and less than 30% after 50,000 hours
10. Compact design, module size: 150mm*150mm, module weight: ⩽ 1. 5KG/module.
11. Replaceable modular design.
12. CE, SAA certificate (UL, ETL, VDE under applying)

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	Product Size(L*W*H)mm	Weight(kg)
MS-FL045080	80W	140lm/W	Forging aluminium	150*150*239	3.5
MS-FL046160	160W	140lm/W	Forging aluminium	354*166*239	5.5
MS-FL047240	240W	140lm/W	Forging aluminium	522*166*259	7.5
MS-FL048320	320W	140lm/W	Forging aluminium	354*336*270	10.5
MS-FL049480	480W	140lm/W	Forging aluminium	527*336*311	15.5
MS-FL050640	640W	140lm/W	Forging aluminium	527*506*342	19.7
MS-FL051720	720W	140lm/W	Forging aluminium	527*506*342	22.2
MS-FL052800	800W	140lm/W	Forging aluminium	699*506*365	26.1
MS-FL054960	960W	140lm/W	Forging aluminium	699*506*365	30.5

TITAN SERIES

LED FLOOD LIGHT

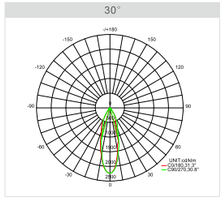
30W-330W

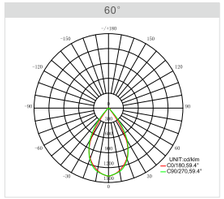
Features

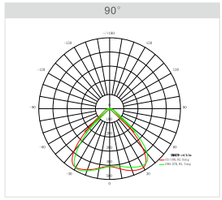
1. Up to 145 lm/W
2. High purity aluminium material
3. Modular design on optic part
4. Lumileds or Osram LED chip
5. Original Meanwell HLG driver
6. 0-10V dimming / DALI dimming / PMW dimming / Timing dimming optional
7. Motion sensor / Photo sensor / Infrared sensor available
8. PLC / ZigBee system available

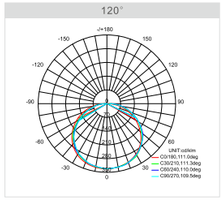
Application

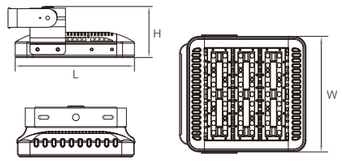
Tunnel, Building, Warehouse, High Mast, Garage, Gas station etc











Technical parameter

Model No.	System Power	Luminous Efficiency	Structure Description	Product Size(L*W*H)mm	Weight(kg)
MS-FL080030	30W	130-145lm/W	Die-casting + stamping aluminum	193*342*151	5.4
MS-FL081060	60W	130-145lm/W	Die-casting + stamping aluminum	193*342*151	5.4
MS-FL082090	90W	130-145lm/W	Die-casting + stamping aluminum	273*342*151	6.1
MS-FL083120	120W	130-145lm/W	Die-casting + stamping aluminum	273*342*151	6.1
MS-FL084150	150W	130-145lm/W	Die-casting + stamping aluminum	353*342*151	6.8
MS-FL084180	180W	130-145lm/W	Die-casting + stamping aluminum	353*342*151	6.8
MS-FL086210	210W	130-145lm/W	Die-casting + stamping aluminum	433*342*151	7.4
MS-FL087240	240W	130-145lm/W	Die-casting + stamping aluminum	433*342*151	7.4
MS-FL088270	270W	130-145lm/W	Die-casting + stamping aluminum	513*342*151	8.1
MS-FL089300	300W	130-145lm/W	Die-casting + stamping aluminum	513*342*151	8.1
MS-FL090330	330W	130-145lm/W	Die-casting + stamping aluminum	593*342*151	8.8

ARES SERIES

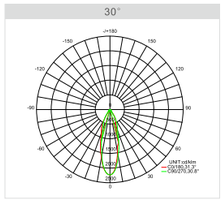
LED FLOOD LIGHT
10W-300W

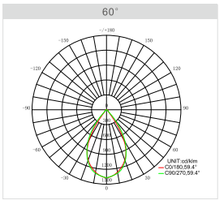
Features

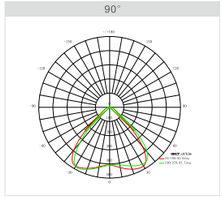
1. Die casting aluminum casing, tempered glass cover.
2. Integrated design, compact structure.
3. High efficiency, 150lm/W-180lm/W availabie.
4. IP66.
5. Lens angle includes 30°/60°/90°/120°/T2M/T3M

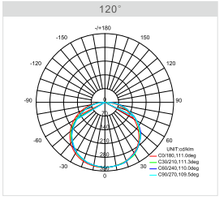
Application

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



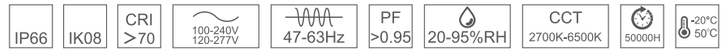






Technical parameter

Model No.	System Power	Luminous Efficiency	Material	Voltage	Product Size(L*W*H)mm
MS-FL1361010	10W	150-180lm/W	AL+GLASS	AC 100-240V	188*123*47mm
MS-FL1362020	20W	150-180lm/W	AL+GLASS	AC 100-240V	242*169*51mm
MS-FL1363030	30W	150-180lm/W	AL+GLASS	AC 100-240V	242*169*51mm
MS-FL1364050	50W	150-180lm/W	AL+GLASS	AC 100-240V	283*220*52mm
MS-FL1365100	100W	150-180lm/W	AL+GLASS	AC 100-240V	369*278*52mm
MS-FL1366150	150W	150-170lm/W	AL+GLASS	AC 100-240V	394*395*57mm
MS-FL1367200	200W	150-170lm/W	AL+GLASS	AC 100-240V	445*392*57mm
MS-FL1368250	240W	150-170lm/W	AL+GLASS	AC 100-240V	497*392*59mm
MS-FL1369300	300W	150-170lm/W	AL+GLASS	AC 100-240V	524*545*65mm



LED HIGH BAY

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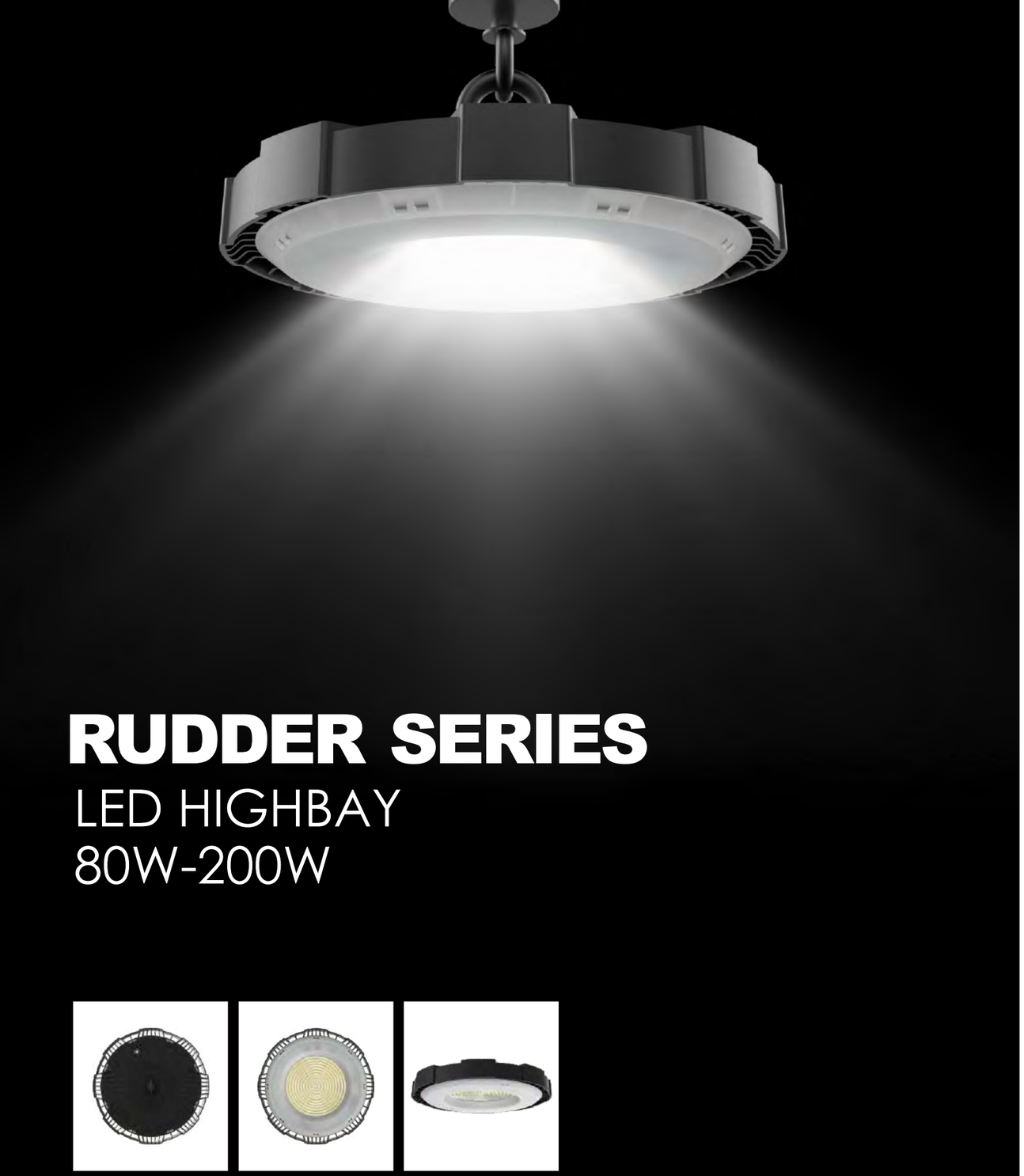


RUDDER SERIES

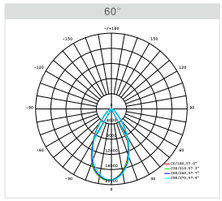
LED HIGHBAY
80W-200W

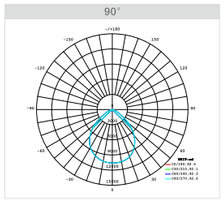
Features

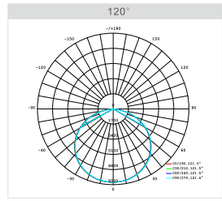
1. Die casting aluminium housing .
2. 3 different beam angles for whole fixture through refraction, 60°, 90°, 120°.
3. Mason own design and toolings.
4. Compact design and space saving.

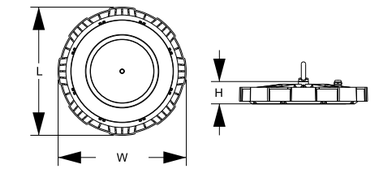
Application

Building, Warehouse, Factory, Workshop, Super market etc









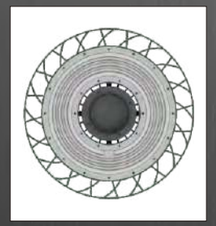
Technical parameter

Model No.	System Power	Luminous Efficiency	Structure Description	Product Size(Φ*H)mm	Weight(kg)
MS-SP321100	100W	140-180lm/W	Die casting aluminium	250*51	1.2
MS-SP322150	150W	140-180lm/W	Die casting aluminium	292.5*51	1.8
MS-SP323200	200W	140-180lm/W	Die casting aluminium	335*51	2.4

LUNA SERIES

LED HIGH BAY

100W-200W

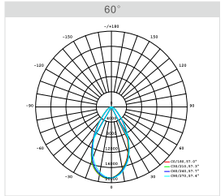


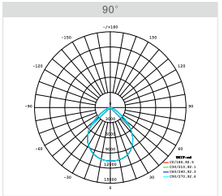
Features

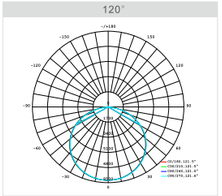
1. Die casting aluminum housing.
2. Perfectly suitable for logistical centers, warehouses.
3. Beam angle optional: 60° ; 90° ; 120°
4. Unique style, mason own design.
5. Branded LED driver and LED components
6. Easy to install, fast replacement.
7. Flexible solutions for different efficiency and lumens output.

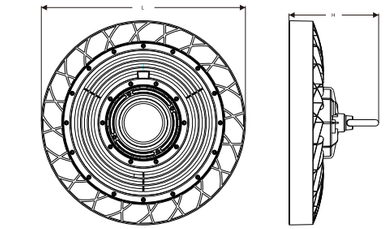
Application

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







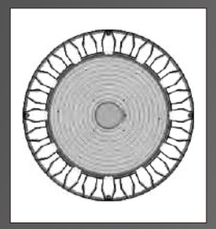
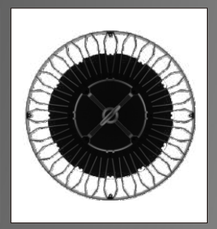


Technical parameter

Model No.	System Power	Luminous Efficiency	Structure Description	Product Size(Φ*H)mm	Weight(kg)
MS-SP266100	100W	160-180lm/W	Die casting aluminium	325*135	3.55
MS-SP268150	150W	160-180lm/W	Die casting aluminium	325*135	3.55
MS-SP269200	200W	160-180lm/W	Die casting aluminium	325*135	3.55

IP65 | CRI 70/80 | 100-240V 120-277V | 47-63Hz | PF >0.95 | 20-95%RH | CCT 3000K / 4000K 5000K | CCT 5700K 6500K | 50000H | -40°C 45°C

POLAR STAR
LED HIGHBAY
80W-240W

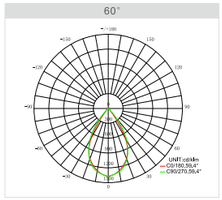



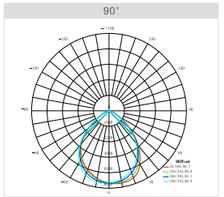
Features

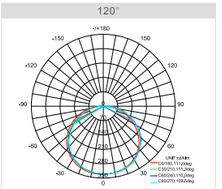
1. Die casting aluminum housing.
2. Perfectly suitable for logistical centers, warehouses.
3. Beam angle optional: 60°; 90°; 120°
4. Branded LED driver and LED components
5. Easy to install, fast replacement.

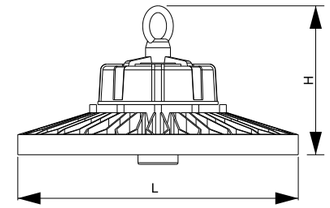
Application

Warehouse, factory, Production line etc.







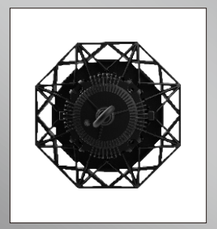
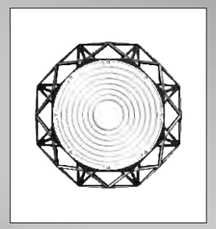


Technical parameter

Model No.	System Power	Luminous Efficiency	Structure Description	Product Size(L*H)mm	Weight(kg)
MS-SP265080	80W	160-200lm/W	Die-casting	270*173	2.8
MS-SP266100	100W	160-200lm/W	Die-casting	270*173	2.8
MS-SP267120	120W	160-200lm/W	Die-casting	290*173	3.2
MS-SP268150	150W	160-200lm/W	Die-casting	290*173	3.2
MS-SP269200	200W	160-190lm/W	Die-casting	310*185	3.6
MS-SP270240	240W	160-190lm/W	Die-casting	350*186	4.5

DIAMOND SERIES

LED HIGHBAY
80W-200W

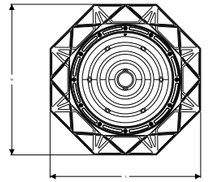
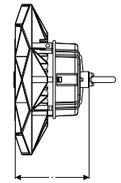



Features

1. Die casting aluminum housing.
2. Perfectly suitable for logistical centers, warehouses.
3. Beam angle optional: 60° ; 90° ; 120°
4. Unique style, mason own design.
5. Branded LED driver and LED components
6. Easy to install, fast replacement.
7. Flexible solutions for different efficiency and lumens output.

Application

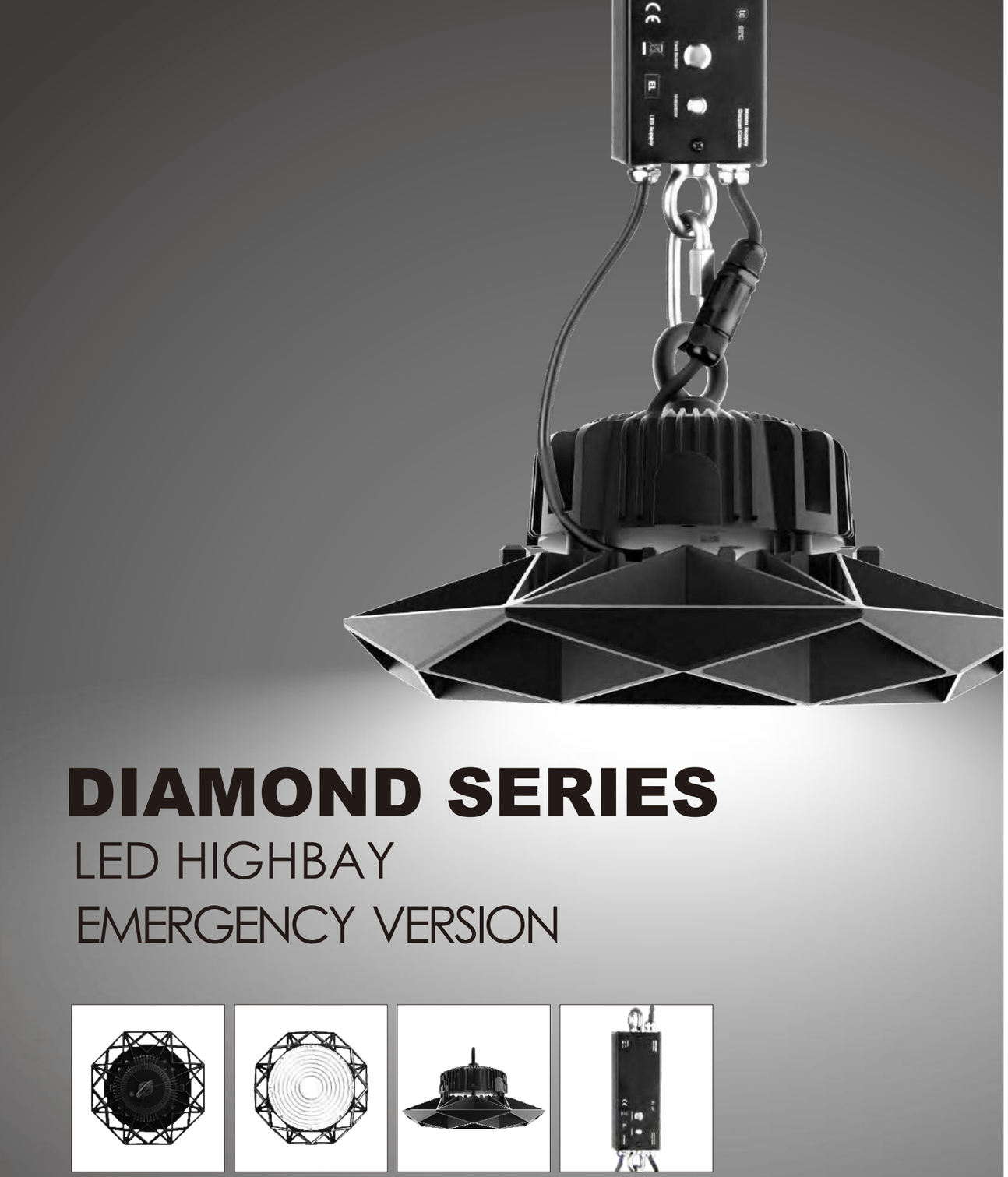
Warehouse, Workshop, Garage, Stadium, Supermarket,Hall and other indoor public/private places.

Technical parameter

Model No.	System Power	Luminous Efficiency	Structure Description	Product Size(Φ*H)mm	Weight(kg)
MS-SP263080	80W	150-190lm/W	Die casting aluminium	255*126	2.5
MS-SP263100	100W	150-190lm/W	Die casting aluminium	255*126	2.55
MS-SP264150	150W	150-190lm/W	Die casting aluminium	305*136	3.5
MS-SP265200	200W	150-180lm/W	Die casting aluminium	305*136	3.55

IP65 | CRI 70/80 | 100-240V 120-277V | 47-63Hz | PF >0.95 | 20-95%RH | CCT 3000K / 4000K 5000K | CCT 5700K 6500K | 50000H | -40°C 50°C



DIAMOND SERIES

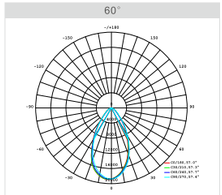
LED HIGHBAY
EMERGENCY VERSION

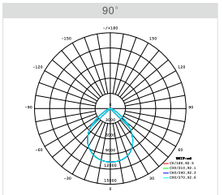
Features

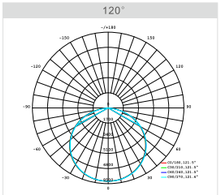
1. Up to 3 hours rated duration.
2. Built-in non-replaceable Li-Ion battery pack.
3. Over-charge, over-current, short-circuit and deep discharge protection for battery.
4. For maintained or non-maintained emergency lighting systems.
5. Wired between LED module and LED driver via water-proof connector.
6. Suitable for use in luminaires for high-risk task area lighting.

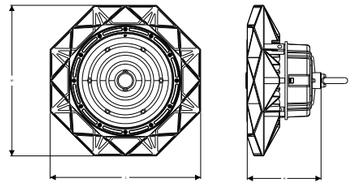
Application

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









Battery Pack Options

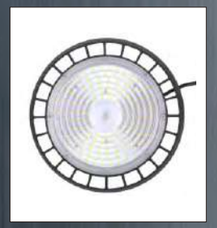
Output Wattage	Battery Type	Battery Capacity	Rated Duration Time	Test Function	Charging Time	Battery Life
4W	Li-Ion 18650	2600mAh	1~3Hrs	Manual	24Hrs	2 Years
8W	Li-Ion 18650	5200mAh	1~3Hrs	Manual	24Hrs	2 Years
10W	Li-Ion 18650	6000mAh	1~3Hrs	Manual	24Hrs	2 Years

IP65 | CRI 80 | 220-240V | 47-63Hz | PF >0.95 | 20-95%RH | CCT 3000K / 4000K 5000K | CCT 5700K 6500K | 50000H

A-STAR SERIES

LED HIGH BAY

80W- 240W

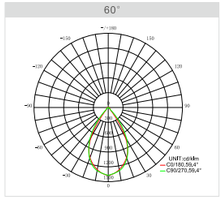


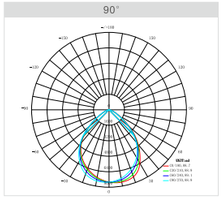
Features

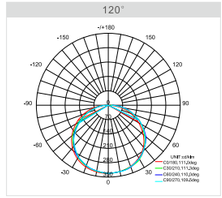
1. Die casting aluminum housing.
2. Perfectly suitable for logistical centers, warehouses.
3. Beam angle optional: 60°; 120°
4. Brand LED driver and LED components
5. Easy to install, fast replacement.

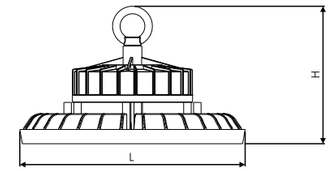
Application

Warehouse, factory, Production line etc.









Technical parameter

Model No.	System Power	Luminous Efficiency	Structure Description	Product Size(L*H)mm	Weight(kg)
MS-SP247080	80W	160-200lm/W	Die-casting	275*166mm	2.8
MS-SP248100	100W	160-200lm/W	Die-casting	275*166mm	2.8
MS-SP249120	120W	160-200lm/W	Die-casting	285*168mm	3.2
MS-SP250150	150W	160-190lm/W	Die-casting	285*168mm	3.2
MS-SP251200	200W	160-190lm/W	Die-casting	305*177mm	3.6
MS-SP253240	240W	160-190lm/W	Die-casting	360*183mm	4.5

PHENAS SERIES

LED HIGH BAY

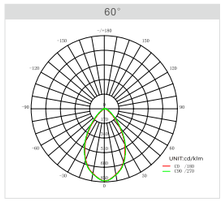
80W-240W

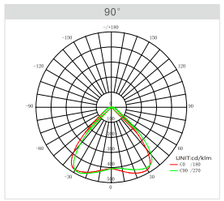
Features

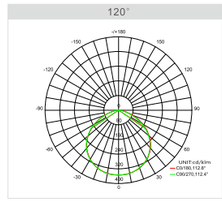
1. Unique heatsink design.
2. Optical PC lens and 60°, 90°, 120°beam angle optional.
3. Stamping cover, with less weight for whole highbay.
4. Dimmable driver for options.
5. Up to 190 lm/W, high efficiency output.
6. 3 sizes available.

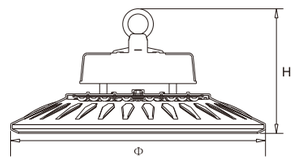
Application

Building, Super market, Warehouse, Workshop, Factory









Technical parameter

Model No.	System Power	Luminous Efficiency	Structure Description	Product Size(Φ*H)mm	Weight(kg)
MS-SP211080	80W	150-190lm/W	Stamping aluminium	300*180	3.1
MS-SP210100	100W	150-190lm/W	Stamping aluminium	300*180	3.1
MS-SP209120	120W	150-190lm/W	Stamping aluminium	360*190	4.2
MS-SP208160	160W	150-180lm/W	Stamping aluminium	360*190	4.2
MS-SP207200	200W	150-180lm/W	Stamping aluminium	420*190	5.1
MS-SP206240	240W	150-180lm/W	Stamping aluminium	420*190	5.1

TITAN SERIES

LED HIGH BAY

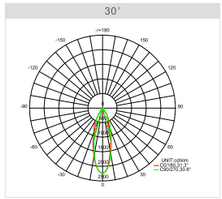
30W-330W

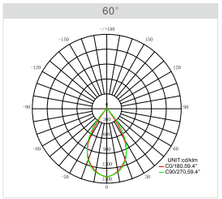
Features

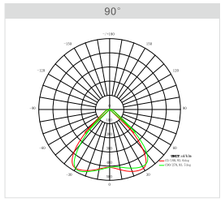
1. 30°, 60°, 90°, 120° beam angle available
2. 30W-330W for option
3. Up to 160 lm/W
4. Wide aluminium design, heat dissipation fast and evenly
5. Modular design on optic part
6. Original Meanwell HLG driver
7. 0-10V dimming / DALI dimming / PMW dimming / Timing dimming optional
8. Motion sensor / Photo sensor / Tnfrared sensor available
9. PLC / ZigBee system available

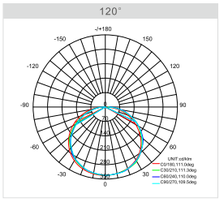
Application

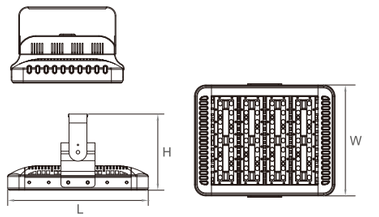
Tunnel, Building, Warehouse, High Mast, Garage, Gas station etc











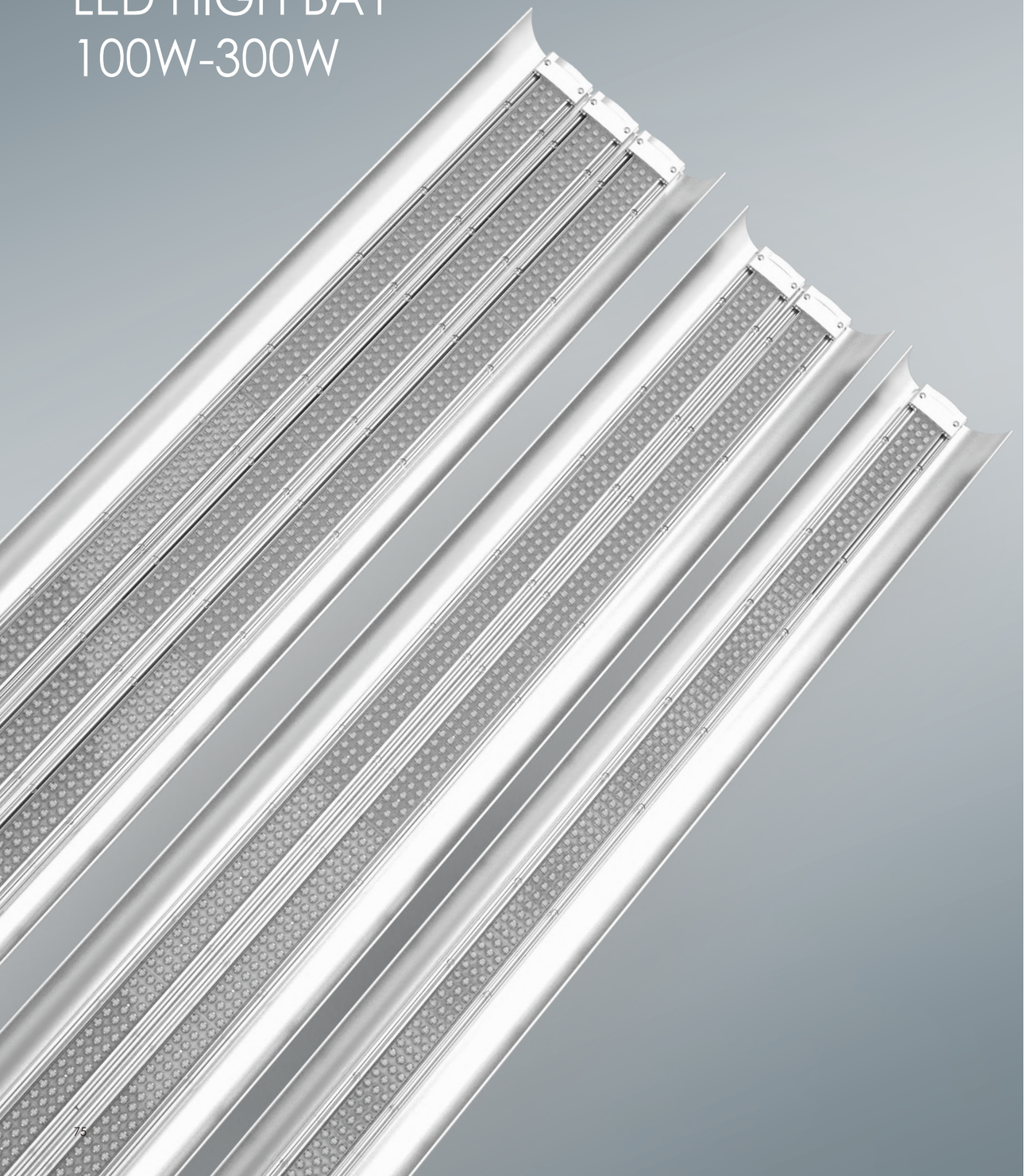
Technical parameter

Model No.	System Power	Luminous Efficiency	Structure Description	Product Size(L*W*H)mm	Weight(kg)
MS-SP165030	30W	150-160lm/W	Die-casing+stamping aluminium	193*341.5*234.5	5.4
MS-SP166060	60W	150-160lm/W	Die-casing+stamping aluminium	193*341.5*234.5	5.4
MS-SP167090	90W	150-160lm/W	Die-casing+stamping aluminium	273*341.5*234.5	6.1
MS-SP168120	120W	150-160lm/W	Die-casing+stamping aluminium	273*341.5*234.5	6.1
MS-SP169150	150W	150-160lm/W	Die-casing+stamping aluminium	353*341.5*234.5	6.8
MS-SP170180	180W	150-160lm/W	Die-casing+stamping aluminium	353*341.5*234.5	6.8
MS-SP171210	210W	150-160lm/W	Die-casing+stamping aluminium	433*341.5*234.5	7.4
MS-SP172240	240W	150-160lm/W	Die-casing+stamping aluminium	433*341.5*234.5	7.4
MS-SP173270	270W	150-160lm/W	Die-casing+stamping aluminium	513*341.5*234.5	8.1
MS-SP174300	300W	150-160lm/W	Die-casing+stamping aluminium	513*341.5*234.5	8.1
MS-SP175330	330W	150-160lm/W	Die-casing+stamping aluminium	593*341.5*234.5	8.8

ORION SERIES

LED HIGH BAY

100W-300W

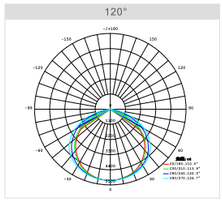


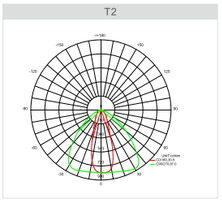
Features

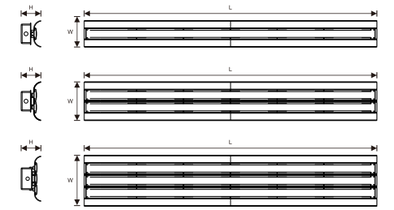
1. Extruded Aluminium housing
2. Robust and compact mechanical design.
3. Wattages coverage: 100-300W
4. Input voltage:100-240/277V
5. Lumen efficiency 150-180 lm/W
6. 0/1-10V dimming, DALI,PWM,Timming optional

Application

Building, Warehouse, Factory, Workshop, Super market etc







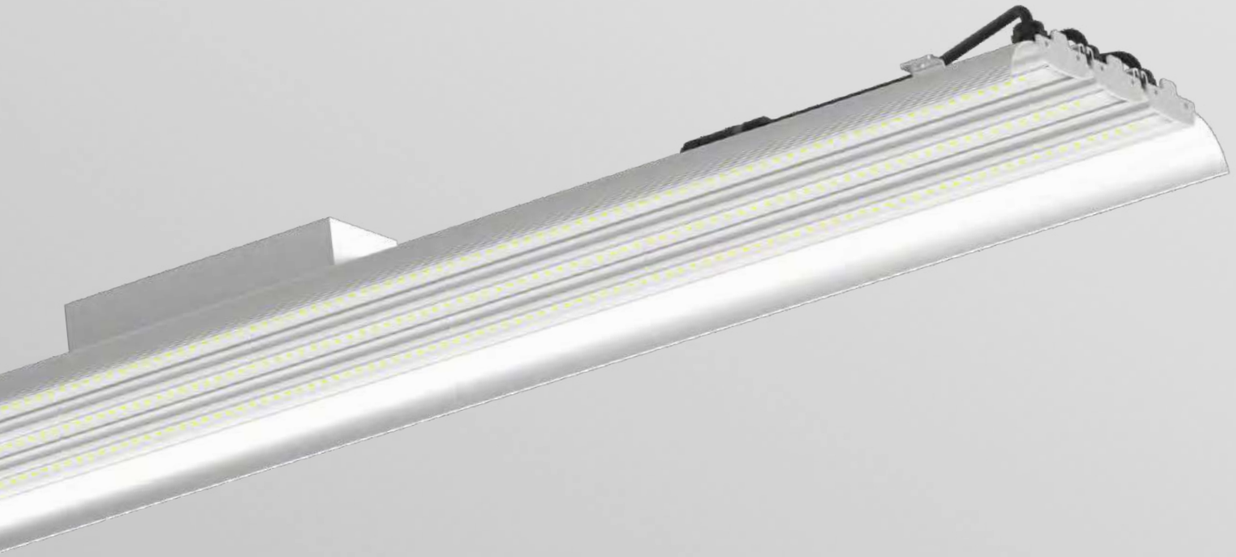
Technical parameter

Model No.	System Power	Luminous Efficiency	Structure Description	Product Size(L*W*H)mm	Weight(kg)
MS-SP254100	100W	150-180lm/W	Extruded aluminium	1200*108*86	2.4
MS-SP255200	200W	150-180lm/W	Extruded aluminium	1200*158*86	3.8
MS-SP256300	300W	150-180lm/W	Extruded aluminium	1200*208*86	5.1

ORION PLUS SERIES

LED HIGH BAY

100W-300W



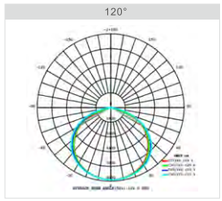
IP65
Protection Rating

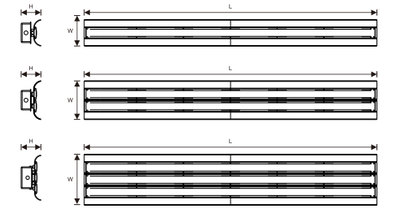
Features

1. Extruded Aluminium housing
2. Robust and compact mechanical design.
3. Wattages coverage: 100-300W
4. Input voltage:100-240/277V
5. Lumen efficiency 150-180 lm/W
6. 0/1-10V dimming, DALI,PWM,Timming optional

Application

Building, Warehouse, Factory, Workshop, Super market etc





Technical parameter

Model No.	System Power	Luminous Efficiency	Structure Description	Product Size(L*W*H)mm	Weight(kg)
MS-SP254100	100W	150-180lm/W	Extruded aluminium	1200*108*86	2.4
MS-SP255200	200W	150-180lm/W	Extruded aluminium	1200*158*86	3.8
MS-SP256300	300W	150-180lm/W	Extruded aluminium	1200*208*86	5.1

IP65 | CRI >80 | 100-277V | 47-63Hz | PF >0.95 | 20-95%RH | CCT 4000K / 5000K 5700K | >50000H | -40°C 50°C

JP-PLUS SERIES

LED HIGH BAY

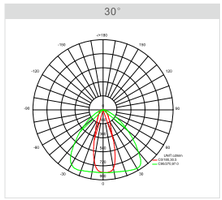
100W-600W

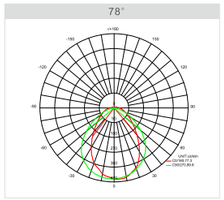
Features

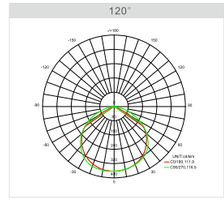
1. Layering pure aluminium material
2. 100-277VAC / 347VAC / 480VAC
3. Max lumen efficiency 170 lm/W
4. Clear, frosted lens available
5. Module design, easy for maintenance
6. LM-80 approved LED components
7. 0-10V dimming / DALI dimming / PMW dimming / Timing dimming optional
8. Motion sensor / Photo sensor / Infrared sensor available
9. PLC / ZigBee system available

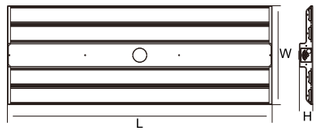
Application

Building, Warehouse, Factory, Workshop, Super market etc









Technical parameter

Model No.	System Power	Luminous Efficiency	Structure Description	Product Size(L*W*H)mm	Weight(kg)
MS-SP194100	100W	150/170 lm/W	Extruded aluminium	1212*283*62	4.5
MS-SP195120	120W	150/170 lm/W	Extruded aluminium	1212*283*62	4.5
MS-SP196150	150W	150/170 lm/W	Extruded aluminium	1212*283*62	4.5
MS-SP209180	180W	150/170 lm/W	Extruded aluminium	1212*283*62	4.5
MS-SP197200	200W	150/170 lm/W	Extruded aluminium	1212*453*62	8.0
MS-SP198240	240W	150/170 lm/W	Extruded aluminium	1212*453*62	8.0
MS-SP199300	300W	150/170 lm/W	Extruded aluminium	1212*453*62	8.0
MS-SP199400	400W	150/170 lm/W	Extruded aluminium	1212*453*62	8.8
MS-SP199480	480W	150/170 lm/W	Extruded aluminium	1212*453*62	9.3
MS-SP199600	600W	150/170 lm/W	Extruded aluminium	1212*453*62	10.3
MS-SP232100	100W	150/170 lm/W	Extruded aluminium	826*283*62	5.5
MS-SP233120	120W	150/170 lm/W	Extruded aluminium	826*283*62	5.5
MS-SP226150	150W	150/170 lm/W	Extruded aluminium	826*283*62	5.5
MS-SP234200	200W	150/170 lm/W	Extruded aluminium	826*453*62	6.4
MS-SP235240	240W	150/170 lm/W	Extruded aluminium	826*453*62	6.4
MS-SP223300	300W	150/170 lm/W	Extruded aluminium	826*453*62	6.6
MS-SP225100	100W	150/170 lm/W	Extruded aluminium	635*283*62	4.0
MS-SP230120	120W	150/170 lm/W	Extruded aluminium	635*453*62	4.8
MS-SP231150	150W	150/170 lm/W	Extruded aluminium	635*453*62	4.8
MS-SP222200	200W	150/170 lm/W	Extruded aluminium	635*453*62	5.1
MS-SP224075	75W	150/170 lm/W	Extruded aluminium	442*283*62	3.0
MS-SP227100	100W	150/170 lm/W	Extruded aluminium	442*453*62	3.9
MS-SP228120	120W	150/170 lm/W	Extruded aluminium	442*453*62	3.9
MS-SP221150	150W	150/170 lm/W	Extruded aluminium	442*453*62	3.9

IP20 | CRI 80 | 100-240V 120-277V | 47-63Hz | PF >0.95 | 20-95%RH | CCT 3000K / 4000K 5000K | CCT 5700K 6500K | 50000H | -40°C 50°C

LED TRI-PROOF LIGHT

www.masonleds.com

ESTE SERIES

LED TRI-PROOF LIGHT

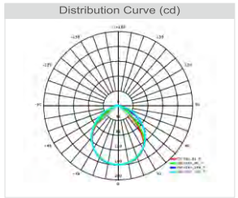
20W-45W

Features

1. Simple and stylish design
2. PC cover + Aluminium housing design, Innovative module connection options, high protection rating, quick and simple Installation
3. High quality LED light source, with high light efficiency
4. High protection rating IP65/IK08, uniform light output, easy mounting, available in various application and working condition
5. Microwave sensor, Bluetooth, DALI/0-10V control, emergency lighting, with different smart additional function modules for options

Application

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



Technical parameter

Model No.	System Power	Length(mm)	Luminous Efficiency	Weight(kg)
MS-LL00806020	20W	600mm	130-150lm/W	1.2
MS-LL00812035	35W	1200mm	130-150lm/W	1.88
MS-LL00815045	45W	1500mm	130-150lm/W	2.2

IP65 | IK08 | CRI 80 | 220-240V | 50-60Hz | PF >0.9 | 10-85%RH | CCT 4000K 5000K / 6500K | 50000H | -25°C 45°C

ARMAS SERIES

LED TRI-PROOF LIGHT

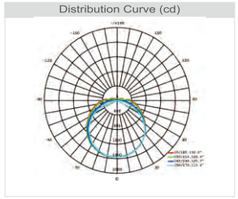
20W-50W

Features

1. Simple and stylish design
2. Modular and smart additional function design, with side entry or top entry cable connection, Simple and quick installation
3. High quality LED light source, with high light efficiency
4. High protection rating IP65/IK08, uniform light output, easy mounting, available in diverse application and working condition

Application

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



Technical parameter

Model No.	System Power	Product Size(mm)	Luminous Efficiency	Weight(kg)
MS-LL00906020	20W	73*85*600	140-160lm/W	0.49
MS-LL00912035	35W	73*85*1200	140-160lm/W	0.829
MS-LL00915050	50W	73*85*1500	140-160lm/W	1

IP65 | IK08 | CRI 80 | 220-240V | 50-60Hz | PF >0.9 | 10-85%RH | CCT 4000K 5000K / 6500K | 50000H | -25°C 45°C

OMNI SERIES

LED TRI-PROOF LIGHT

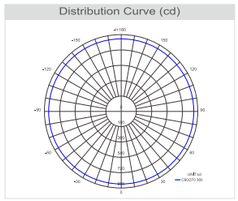
25W-65W

Features

1. Tool-free assembly
2. Wateproof Protection: IP65
3. Impact protection: IK08
4. With 3*1.5mm² go through wiring for series connection
5. Multi-function: Blue-tooth, motion sensor for choice
6. Hight efficient up to 140-160lm/W
7. 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	Length(mm)	Luminous Efficiency	Weight(kg)
MS-LL0010625	25W	600mm	140-160lm/W	0.7
MS-LL0011250	50W	1200mm	140-160lm/W	1.28
MS-LL0011565	65W	1500mm	140-160lm/W	1.6

IP65 | IK08 | CRI 80 | 220-240V | 50-60Hz | PF >0.9 | 10-85%RH | CCT 4000K 5000K / 6500K | 50000H | -25°C 45°C

HALLEY SERIES

LED TRI-PROOF LIGHT

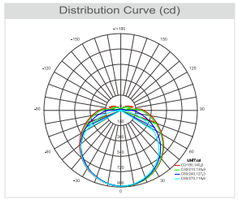
20W-50W

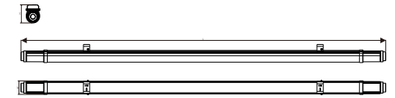
Features

1. Tool-free assembly
2. Wateproof Protection: IP65
3. Impact protection: IK08
4. With 3*1.0mm² go through wiring for series connection
5. Multi-function: Blue-tooth, radar sensor for choice
6. Hight efficient up to 160lm/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	Length(mm)	Luminous Efficiency	Weight(kg)
MS-LL1550-50B	50W	1500mm	140-160lm/W	0.8
MS-LL1235-50B	35W	1200mm	140-160lm/W	0.65
MS-LL0620-50B	20W	600mm	140-160lm/W	0.4

IP65 | IK08 | CRI 80 | 220-240V | 50-60Hz | PF >0.9 | 10-85%RH | CCT 3000K / 4000K 5000K / 6300K | 50000H | -25°C 45°C

PATRON SERIES

LED TRI-PROOF LIGHT

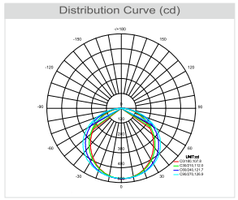
12W-80W

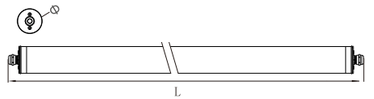
Features

1.Ingress protection: IP67 / IP68, IP69K(Suitable for hotwater washing)
2.Mechanical Strength: IK08-10
3.UV resistance
4.Ammonia resistance
5.Corrosion resistance

Application

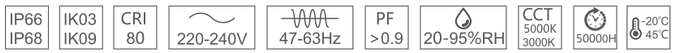
Car washing yard, Parking lot, Meat processing, Farm,
Food processing yard, Low temperature storage room, Department store





Technical parameter

Model No.	System Power	Luminous Efficiency	Diameter	Length(mm)
MS-LL060012-50BF	12W	140-160lm/W	Φ48mm	0.6m
MS-LL060012-40BF	12W	140-160lm/W	Φ48mm	0.6m
MS-LL012024-50BF	24W	140-160lm/W	Φ48mm	1.2m
MS-LL012024-40BF	24W	140-160lm/W	Φ48mm	1.2m
MS-LL015032-50BF	32W	140-160lm/W	Φ48mm	1.5m
MS-LL015032-40BF	32W	140-160lm/W	Φ48mm	1.5m
MS-LL060020-50BF	20W	140-160lm/W	Φ70mm	0.6m
MS-LL060020-40BF	20W	140-160lm/W	Φ70mm	0.6m
MS-LL012035-50BF	35W	140-160lm/W	Φ70mm	1.2m
MS-LL012035-40BF	35W	140-160lm/W	Φ70mm	1.2m
MS-LL015045-50BF	45W	140-160lm/W	Φ70mm	1.5m
MS-LL015045-40BF	45W	140-160lm/W	Φ70mm	1.5m
MS-LL060024-50BF	24W	140-160lm/W	Φ100mm	0.6m
MS-LL060024-40BF	24W	140-160lm/W	Φ100mm	0.6m
MS-LL012050-50BF	50W	140-160lm/W	Φ100mm	1.2m
MS-LL012050-40BF	50W	140-160lm/W	Φ100mm	1.2m
MS-LL150080-50BF	80W	140-160lm/W	Φ100mm	1.5m
MS-LL150080-40BF	80W	140-160lm/W	Φ100mm	1.5m



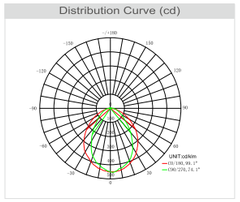
PLATO SERIES
LED TRI-PROOF LIGHT
25W-45W

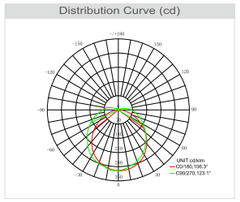
Features

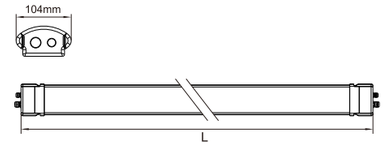
1. Water-proof, dust-proof, impact-proof
2. One-batch forming thick Aluminium built-in PC pipe
   strong shock resistance and soft light
3. High quality waterproof gasket
4. Standard lumen efficiency: 140-160 lm/W
5. High light transmittance PC cover, uniformity, no darkness
6. Clip design on both sides, convenient for assembling 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	Length(mm)	Weight(kg)
MS-LL031546-50BF	46W	140-160lm/W	PC cover+ extruded aluminium	1500	2.4
MS-LL031546-40BF	46W	140-160lm/W	PC cover+ extruded aluminium	1500	2.4
MS-LL030825-50BF	25W	140-160lm/W	PC cover+ extruded aluminium	800	1.7
MS-LL030825-40BF	25W	140-160lm/W	PC cover+ extruded aluminium	800	1.7

IP65 | IK08 | CRI 80 | 220-240V | 50-60Hz | PF >0.9 | 10-85%RH | CCT 4000K / 5000K | 50000H | -20°C 45°C

PLATO-SE SERIES

LED TRI-PROOF LIGHT

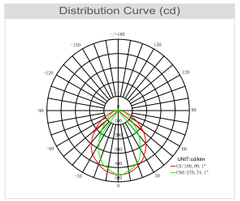
30W-50W

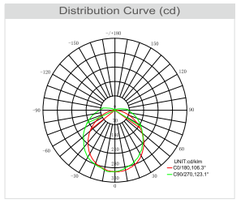
Features

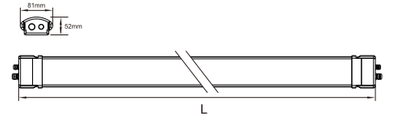
1. Water-proof, dust-proof, impact-proof
2. One-batch forming thick Aluminium built-in PC pipe strong shock resistance and soft light
3. High quality waterproof gasket
4. Standard lumen efficiency: 140-160 lm/W
5. High light transmittance PC cover, good uniformity

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







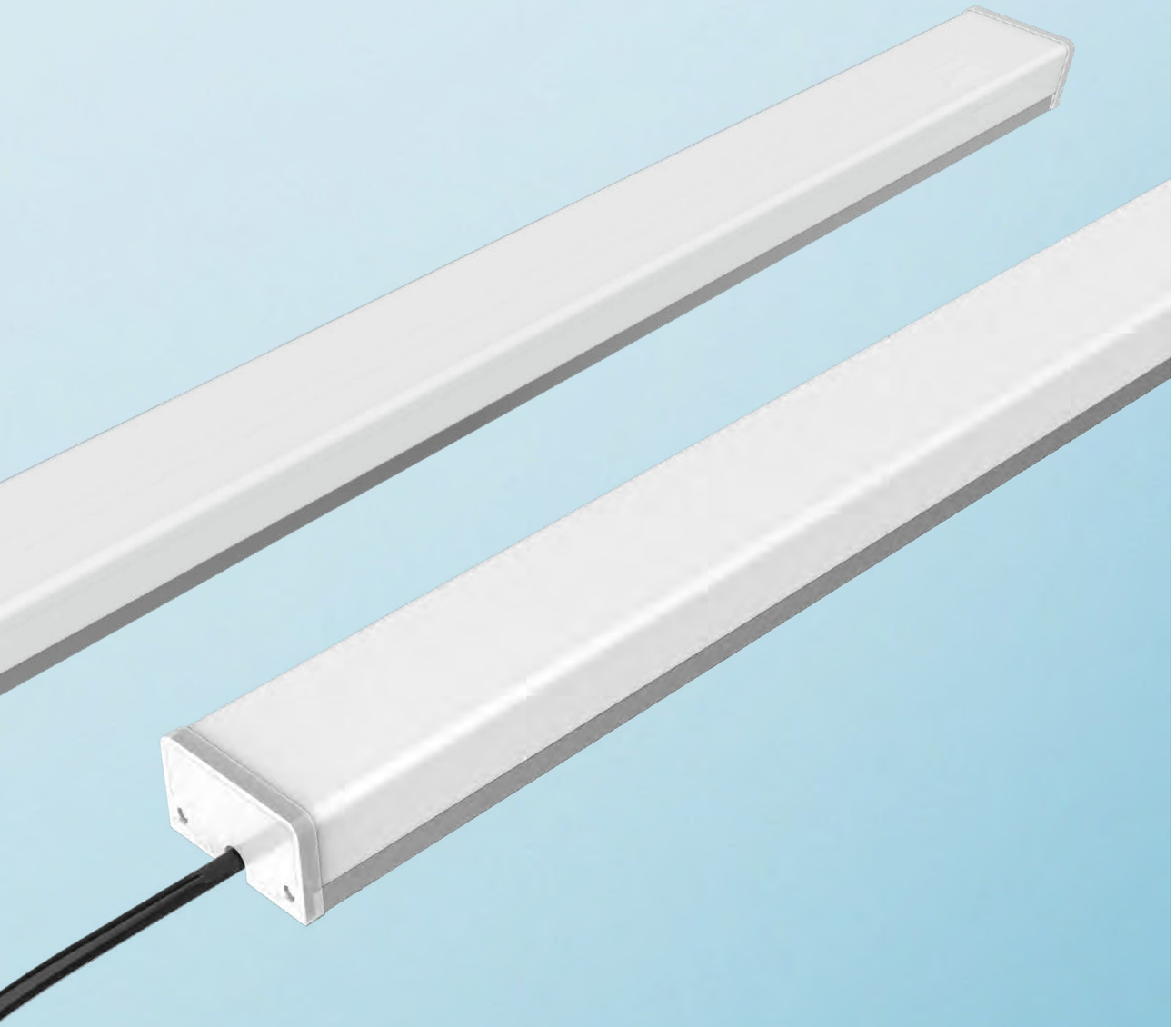
Technical parameter

Model No.	System Power	Luminous Efficiency	Structure Description	Length(mm)	Weight(kg)
MS-LL1250-XXCE017	50W	140-160lm/W	PC cover + extruded aluminium	1500	1.3
MS-LL1250-XXCE018	50W	140-160lm/W	PC cover + extruded aluminium	1500	1.3
MS-LL0940-XXBE019	50W	140-160lm/W	PC cover + extruded aluminium	1500	1.3
MS-LL0940-XXBE020	50W	140-160lm/W	PC cover + extruded aluminium	1500	1.3
MS-LL0940-XXCE021	40W	140-160lm/W	PC cover + extruded aluminium	1200	1.1
MS-LL0940-XXCE022	40W	140-160lm/W	PC cover + extruded aluminium	1200	1.1
MS-LL0630-XXCE025	40W	140-160lm/W	PC cover + extruded aluminium	1200	1.1
MS-LL0940-XXBE024	40W	140-160lm/W	PC cover + extruded aluminium	1200	1.1
MS-LL0630-XXCE025	30W	140-160lm/W	PC cover + extruded aluminium	600	0.8
MS-LL0630-XXCE026	30W	140-160lm/W	PC cover + extruded aluminium	600	0.8
MS-LL0630-XXBE027	30W	140-160lm/W	PC cover + extruded aluminium	600	0.8
MS-LL0630-XXBE028	30W	140-160lm/W	PC cover + extruded aluminium	600	0.8

IVETA SERIES

LED LINEAR LIGHT

36W-50W

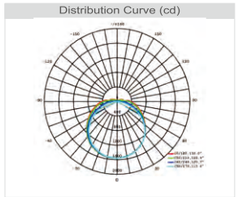


Features

1. Simple and stylish design
2. Modular and smart additional function design, with side entry or top entry cable connection, Simple and quick installation
3. High quality LED light source, with high light efficiency
4. Uniform light output, easy mounting, available in diverse application and working condition

Application

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



Technical parameter

Model No.	System Power	Product Size(mm)	Luminous Efficiency	Weight(kg)
MS-LL010012036	36W	1200*70*41	130-150lm/W	0.55
MS-LL010015050	50W	1500*70*41	130-150lm/W	0.70

IP65 | IK08 | CRI 80 | 220-240V | 50-60Hz | PF >0.9 | 10-85%RH | CCT 4000K 5000K / 6500K | 50000H | -25°C 45°C

MASONLED

We believe in light