

130 LM/W

MAXIMUM ENERGY SAVINGS

A minimal total cost of ownership was the driving force behind the development of the Meteor range. It is equipped with LEDs and various dimming and remote management options for a dramatic reduction in energy consumption. It offers a very competitive alternative to luminaries equipped with traditional light sources such as high-pressure sodium lamps.

5
YEARS WARRANTY*



METEOR

LED STREET LIGHT

INUIMSL-L180W-LV(XXK) INUIMSL-L200W-LV(XXK)

180W 200W



ISO9001-2015

ISO14001-2015

ISO45001-2018

METEOR LED STREET LIGHTS

180W 200W

Meteor LED Street Light 180W 200W



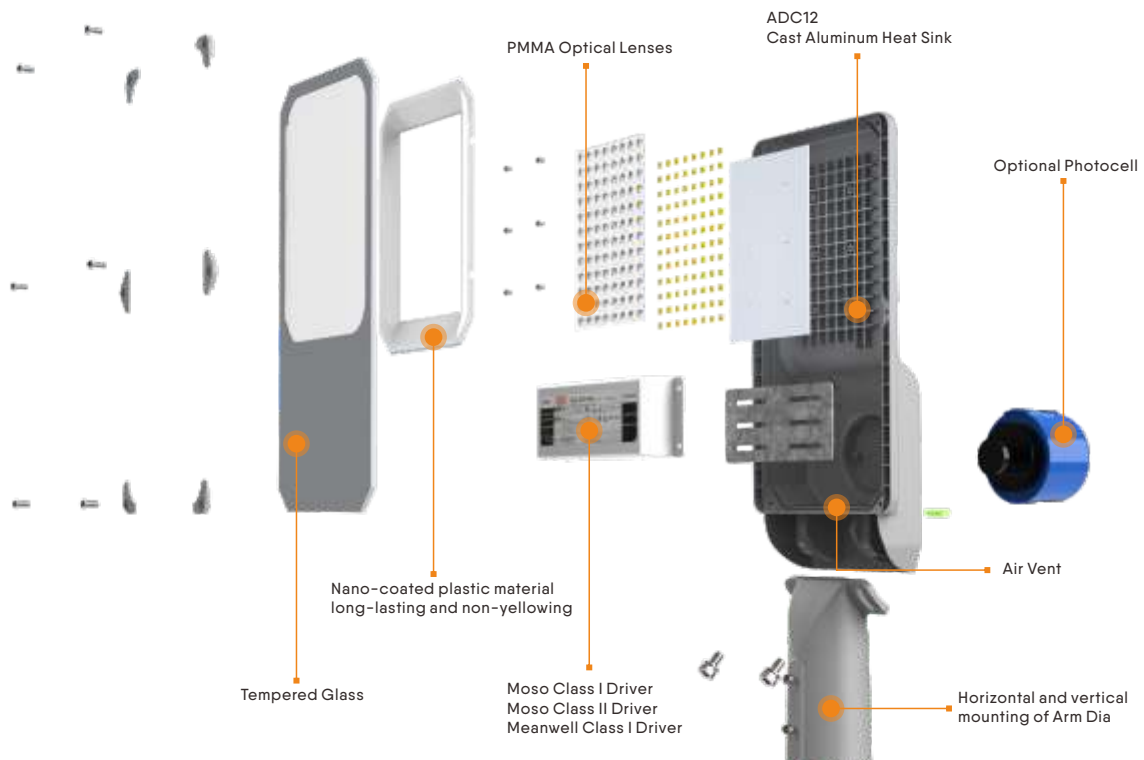
STREET LIGHT SPECIFICATION SHEET



Using state-of-the-art technology, Meteor luminaries have been designed to fulfil the Future Proof concept. The photometric engine is IP 66 sealed to protect the LEDs and lenses from coming into contact with the outside environment and so maintain photometric performance over time.

► SLEEK DESIGN

Smooth back cover design Eliminate the risk of dust and bird droppings and other material accumulation. The UV protection and high strength anti-corrosion coating minimizes wear and increases the fixture's lifespan. The LED Module and Driver can be easily removed, allowing real on-site replacement at the end of its service life in order to take advantage of future technological developments. This easy and rapid procedure reduces maintenance costs and contributes to reducing the total cost of ownership. IP66 protection with durable electrostatic spray which apply to harsh outdoor applications. Tool free for open, reasonable layout design brings simple maintenance.



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STREET LIGHT SPECIFICATION SHEET

Product Meteor LED Street Light

| Model | INUIMSL-L180 W-LV(XXK) | INUIMSL-L200W-LV(XXK) |
|------------------------------|------------------------------|----------------------------|
| System Efficiency | 130Lm/w±3% | 130Lm/w±3% |
| Chip Brand | Lumileds 3030 | Lumileds 3030 |
| Luminous Flux (Photometered) | 23400 Lm | 26000 Lm |
| Driver (Moso Class I) | X6E-200M200 | X6E-200M200 |
| Driver (Moso Class II) | XCP-200M062 | XCP-200M062 |
| Driver (Meanwell Class I) | XLG-200-H-A | XLG-240-H-A |
| Distribution Type | Type II / Type III / Type IV | |
| CCT | 30K - 3000K 40K - 4000K | 50K - 5000K 57K - 5700K |
| CRI | >70 | |
| Surge Protection | 10KV | |

Electrical Characteristics (Luminaire)

| | |
|---------------------------|--|
| Power Consumption | 180W 200W Typical |
| Input Volt | 100-300VAC (Moso Class I driver input voltage is 200-240VAC) |
| Frequency Range | 47-63Hz |
| Power Factor | >0.95 |
| Total Harmonic Distortion | <20% |
| Dimming Function | Dimmable Photocell DALI Dimmable Zhaga Socket Microwave Sensor PIR Sensor Non-Dimmable 1-10V Dimmable 0-10V Dimmable |

Environmental

| | |
|-------------------------------|---|
| IP Rating | IP66 |
| Impact Rating | IK09 |
| Protections | SCP, OVP, OTP |
| Operating Temp. Range | -40° ~ 55°C |
| Operating Humidity | 15 - 90% |
| Thermal Management Type | Natural air cooling |
| Expected Lifespan | 50,000 Hours to 70% Brightness |
| Material Composition (Body) | ADC-12 Aluminium Alloy (<0.1% copper content) |
| Material Composition (Optics) | PMMA (UV Resistance) |
| Material Composition (Cover) | Extra clear tempered glass protect |
| Mounting/Bracket Type | Post-top position, Side-entry position |
| Cable Gland | Pg11 |
| Cable Ø Entry Range | 10-14mm |

Product Meteor LED Street Lights

| Model | INUIMSL-L180W-LV(XXK) | INUIMSL-L200W-LV(XXK) |
|----------------------|-----------------------|-----------------------|
| Weight/Packaging | | |
| Luminaire Weight | 4.8kg | 5.6kg |
| Packaging Dimensions | 730x295x145mm | 730x295x145mm |
| Packaged Weight | 6.2kg | 7.1kg |

Certificates (Safety Standards)

| | | |
|----------------------|--|---|
| ETL | | ✓ |
| DLC(Standard) | | |
| ENEC | IEC/EN60598-2-3 IEC/EN60598-1 IEC/EN62778 | ✓ |
| CB | | ✓ |
| TUV CE-LVD | | ✓ |
| Australian deviation | | ✓ |
| TUV CE-EMC | EN55014 EN61547 EN61000-3-2 EN61000-3-3 | ✓ |
| SAA | | ✓ |
| TUV IK09 | | ✓ |
| Salt Spray Test | 24H | ✓ |
| IP66 | By ENEC | ✓ |
| Flammability test | By ENEC | ✓ |



IP66



IK09



Flicker Free



-40~55°C



Urban & residential streets



Car parks



Bike & pedestrian paths



Bridges



Urban & residential streets



Urban & residential streets



Squares & pedestrian areas



Roads & motorways

Warranty

Warranty

5 years extended warranty optional

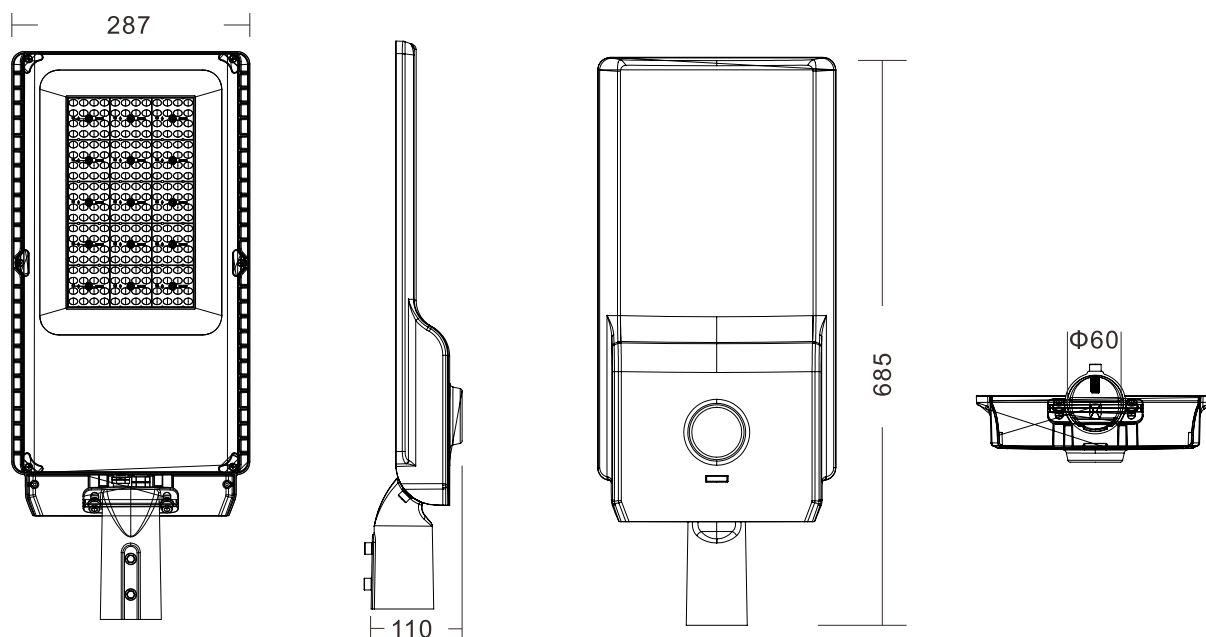
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▼ DIMENSIONS

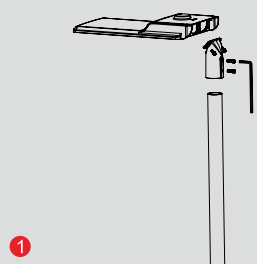
Length: 26.96" (685 mm) Height: 4.33" (110 mm)

Width: 11.30" (287 mm) Arm Dia: Φ 2.36" (60 mm)

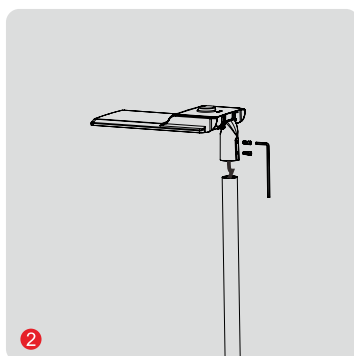


▼ MOUNTING OPTIONS

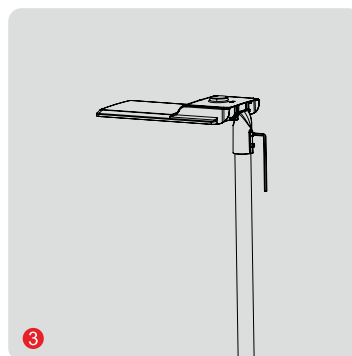
Vertical Mounting



1

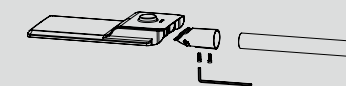


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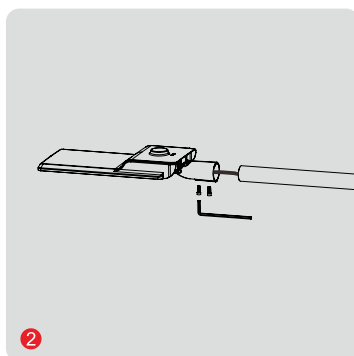


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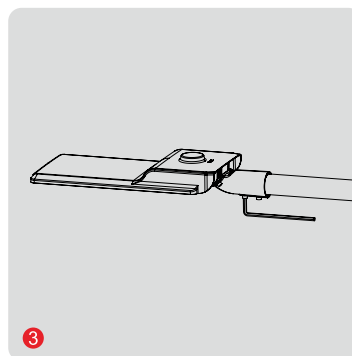
Horizontal mounting



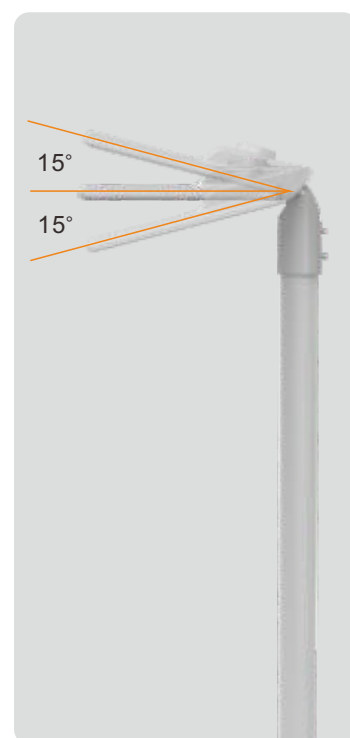
1



2



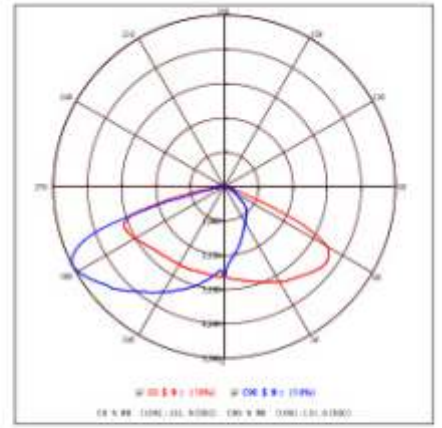
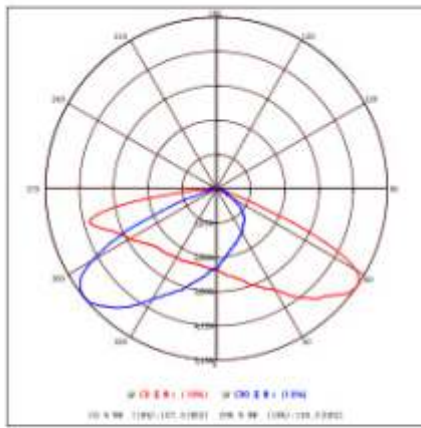
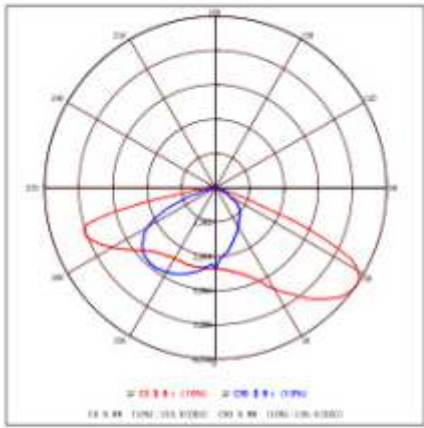
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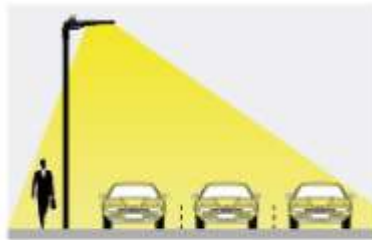
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▼ PHOTOMETRIC OPTIONS



Type II



Type III



Type IV

▼ Self-Cleaning



Self-cleaning

The smooth body would greatly diminish dust accumulation, and minimize environment impacts to the fixture's performance and lifespan.



Self-cleaning

The dust will be washed away automatically by the wind and rain with the unique circular arc design and smooth surface, which is good for the lamp fixture heat dissipation when all the dust is gone away.

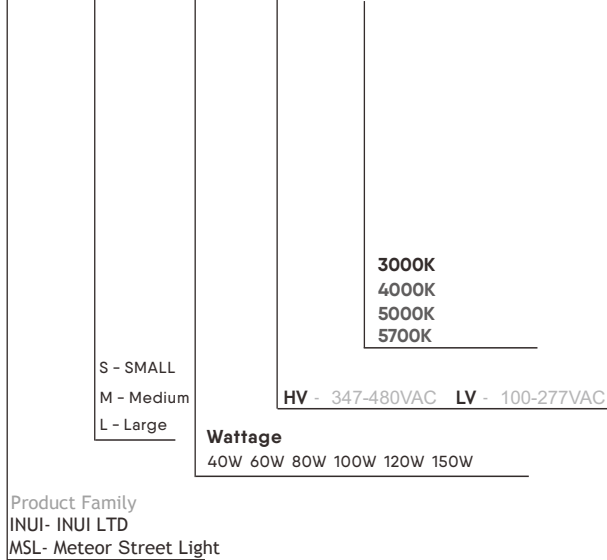
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▼ ORDERING EXAMPLE

METEOR LED STREET LIGHT

INUIMSL- * XXW- LV (XXK)



► ACCESSORY: PHOTOCELL

The Street Light Photocell integration controls the illumination of the fixture by detecting surrounding ambient light.

Photocell base comes pre-installed, twist lock cap included in package when shipped and ready to apply during assembly. Twist-Lock Photocell automatically turns lights On at Dusk and Off at Dawn

Photocell integration controls

120-277Volt Twist/Lock photocell

Optional



Photocell

On at Dusk and Off at Dawn.

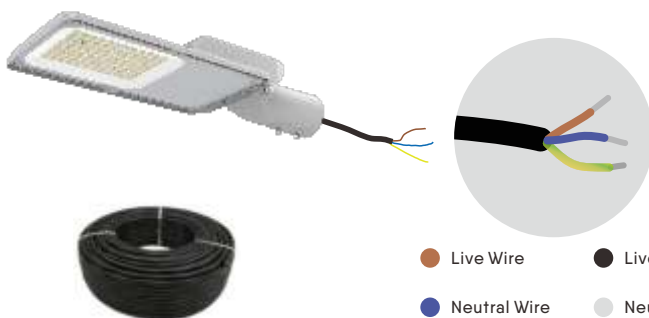
Optional



NEMA 7pins+Short cap

0-10V NEMA dimming

Optional



Optional plug wires and Extended wires

- Live Wire
- Neutral Wire
- Earth Wire
- Live Wire
- Neutral Wire
- Earth Wire

► ACCESSORY: SURGE PROTECTION DEVICE

The standard 100-277v fixture comes equipped with 10kA surge protection already integrated.

SPD surge protection devices is perfectly adapted for outdoor lighting to provide single phase protection for line/neutral, line/ground and neutral/ground in accordance with IEEE C62.41 2002 C High, UL1449 and IEC61643-11



► ACCESSORY: MOUNTING

The Street Light comes standard with a 60mm slip fitter.

| | MOUNTING | SIZE |
|---|------------------|------|
|  | Slip Fitter 60mm | |