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 LIGHTS

INUIMSL-S80W-LV(XXK)   INUIMSL-S100W-LV(XXK)

80W 100W

EK TÜV CB CE RoHS SAA APPROVALS IECEE

LM79 LM80   IK09 IP66   spray test   ISTMT   TM21

ISO9001-2015
ISO14001-2015
ISO45001-2018

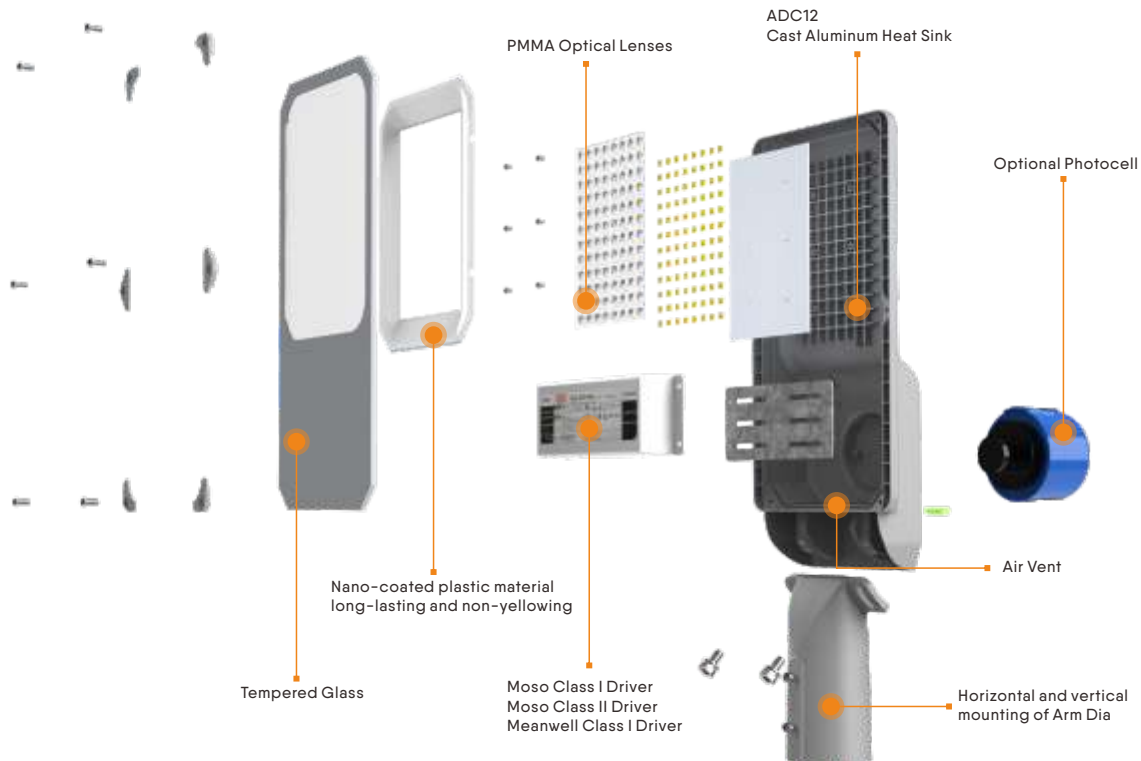# Meteor LED Street Light 80W 100W

STREET LIGHT SPECIFICATION SHEET

5 YEARS WARRANTY

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 Eliminatte the risk of dust and bird droppings and other material accumulation.
The UV protection and high strength anti-corrosion coating minimizes wear and increasesthe fixture's lifespan.
The LEDS 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.

PMMA Optical Lenses

ADC12
Cast Aluminum Heat Sink

Optional Photocell

Air Vent

Nano-coated plastic material
long-lasting and non-yellowing

Tempered Glass

Moso Class I Driver
Moso Class II Driver
Meanwell Class I Driver

Horizontal and vertical
mounting of Arm Dia

Meteor LED Street Light 80W 100W

STREET LIGHT SPECIFICATION SHEET

Product Meteor LED Street Light

Model	INUIMSL-S80 W-LV(XXK)	INUIMSL-S100W-LV(XXK)
System Efficiency	130Lm/w±3%	130Lm/w±3%
Chip Brand	Lumileds 3030	Lumileds 3030
Luminous Flux (Photometered)	10400 Lm	13000 Lm
Driver (Moso Class I)	X6E-100M100	X6E-100M100
Driver (Moso Class II)	XCP-75M062	XCP-105M062
Driver (Meanwell Class I)	XLG-75-H-A	XLG-100-H-A
Distribution Type	Type II / Type III / Type IV	
CCT	30K - 3000K 50K - 5000K 40K - 4000K 57K - 5700K	
CRI	>70	
Surge Protection	10KV	

Product Meteor LED Street Lights

Model	INUIMSL-S80W-LV(XXK)	INUIMSL-S100W-LV(XXK)
Weight/Packaging		
Luminaire Weight	4.3kg	5.5kg
Packaging Dimensions	630x250x145mm	630x250x145mm
Packaged Weight	5.1kg	6.7kg

Electrical Characteristics (Luminaire)

Power Consumption	80W 100W 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

Certficates (Safety Standards)

ETL		√
DLC(Standard)		
ENEC	IEC/EN60598-2-3	√
CB	IEC/EN60598-1	√
TUV CE-LVD	IEC/EN62778	√
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	√

Environmental

IP Rating	IP66
Impact Rating	IK09
Protections	SCP, OVP, OTP
Operating Temp. Range	-40° ~ 55℃
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

IP66   IK09   Flicker Free   -40~55℃

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

▼ DIMENSIONS

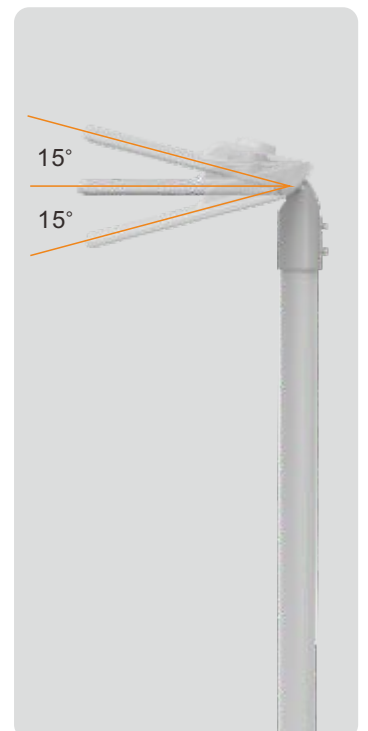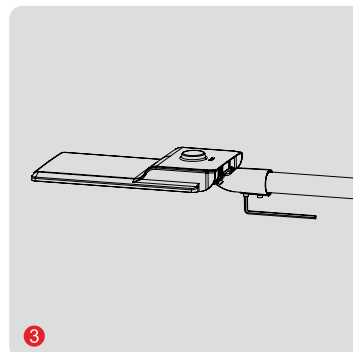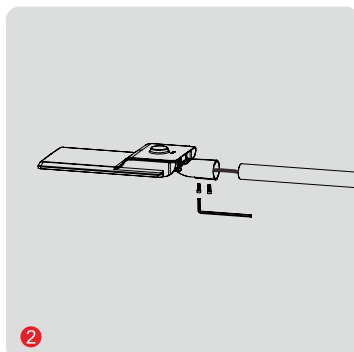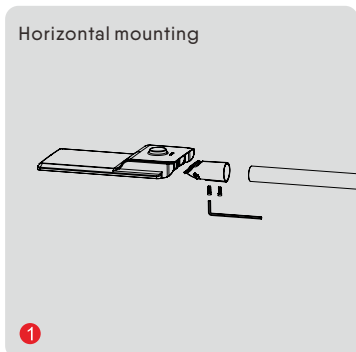|			
Length:	22.64" (575 mm)	**Height:**	4.3" (109 mm)
Width:	16.69" (242 mm)	**Arm Dia:**	Φ 2.36" (60 mm)

242

109

575

Φ60
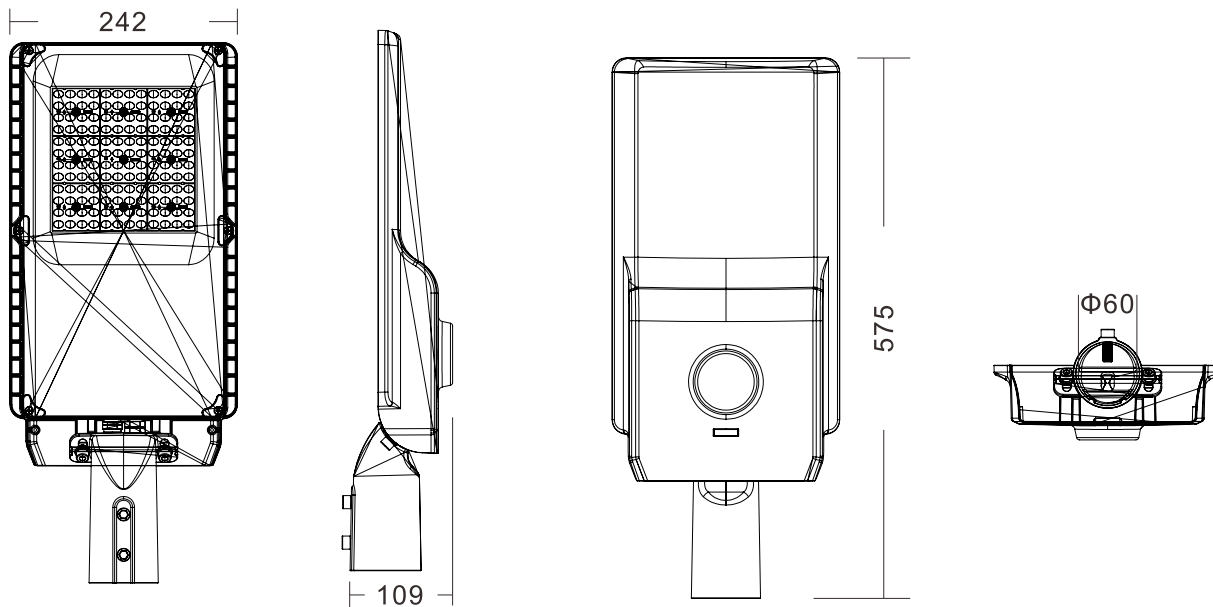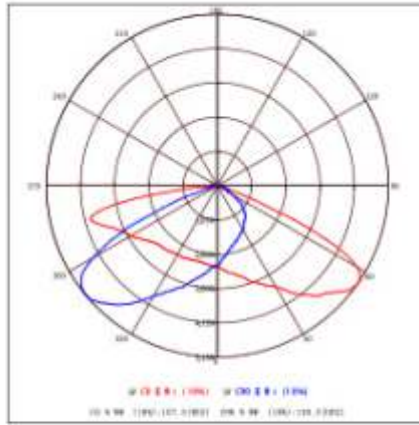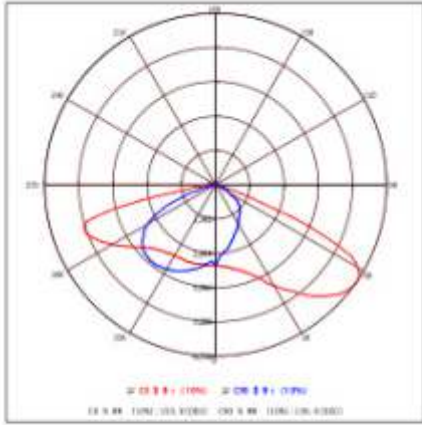
▼ MOUNTING OPTIONS
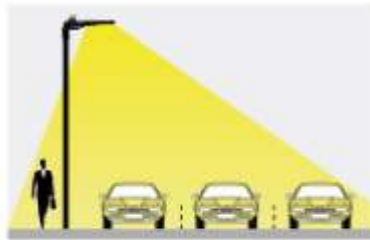

Vertical Mounting
❶ ❷ ❸
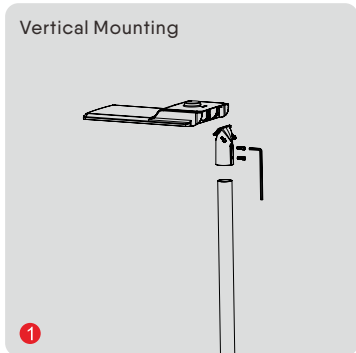
Horizontal mounting
❶ ❷ ❸

15°
15°

▼ PHOTOMETRIC OPTIONS
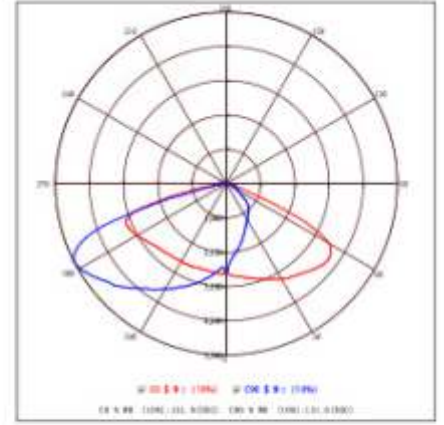
Type II

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.
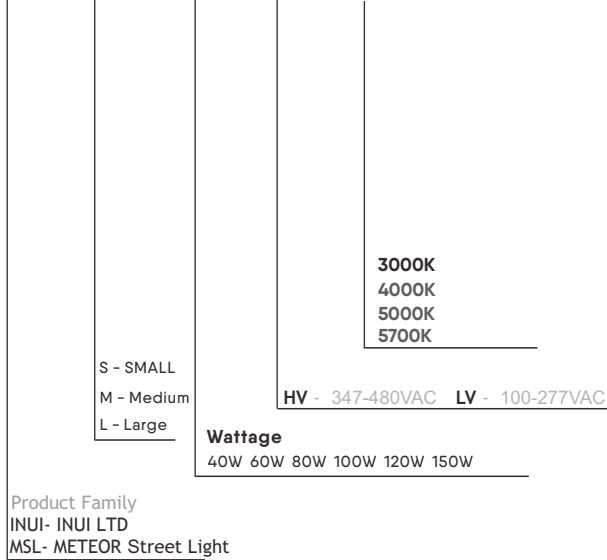
▼ ORDERING EXAMPLE

METEOR LED STREET LIGHT

INUIMSL- *   XXW- LV (XXK)

3000K
4000K
5000K
5700K

S - SMALL
M - Medium
L - Large

HV - 347-480VAC   LV - 100-277VAC

Wattage
40W 60W 80W 100W 120W 150W

Product Family
INUI- INUI LTD
MSL- METEOR Street Light

▶ 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
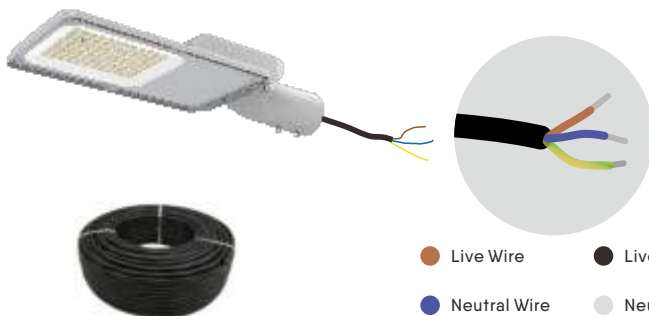Optional

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   ● Live Wire
● Neutral Wire   ● Neutral Wire
● Earth 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 IEEEE 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	