SQ

STREET & ROAD LIGHT

Model No: LM-002-STSQ4**-300W

TECHNICAL DESCRIPTION

The new SQ fixture (LED Parking Lot lights | Area Lights | Street Lights) is an exceptional mixture of value and performance. The product range has been upgraded to reach very high efficacy up to 160 lm/w and cover lumen packages between 9,000 – 48,000 lumens. The range includes 480V high voltage and various sensor versions, such as photocell and motion sensor for further increasing the energy savings.

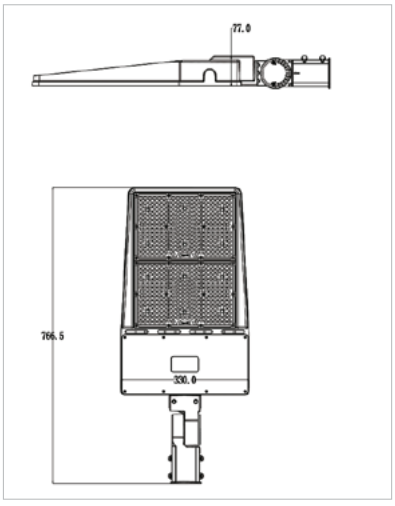
INSTALLATION

Pole mounted, post mounted, Wall Mounted.

AREAS OF APPLICATION

• Street Light • Road Light • Area Lighting

DIAGRAM

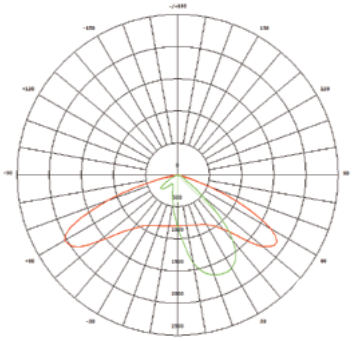


MODEL NUMBER SELECTION

LM-002-STSQ4 [ ] [ ] - 300W

- [ ]: S- Non Dimmable; D - Dali; A - 0-10, 1-10; P - Phase
- [ ]: CW - 6000K; NW - 4000K; WW- 3000K

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



PHYSICAL CHARACTERISTICS

Installation	Side Entry/Post Top	IP-Rating	IP66
Driver	Integrated	IK-Rating	IK08
Dimension	L766.5 x B330 x H76 (mm)	Fixture Material	Die Cast Aluminium
Adjustability	N/A	Standard Finish	Grey
Diffuser	PMMA Lens+Tempered Glass	Net Weight/pc	8.5 Kg
Rotation	180°	Gross Weight/pc	9.3 Kg

ELECTRICAL CHARACTERISTICS

Light Source	Bridgelux	Color Temperature	3000K, 4000K, 6000K
Efficiency in %	>91%	Beam Angle	TYPE 3, TYPE 4, TYPE 5
Start Time	0.1S	Dimming Options	NON-DIM, PHASE, 1-10V, DALI
LED Power	300W	Power Factor	0.95
Warm Up time to 60%	0.5S	UGR	<27
LED Luminous Flux	36000lm	Driver Options	LYTEMASTER, TRIDONIC, HELVAR
Chromaticity Tolerance	SDCM≤5	Switching Cycle	100,000 times
Color Rendering Index	>70	Options On Request	Photocell

PRODUCT SPECIFICATION

Mains Volatge	100-277V	Environmental Temp	-20°C ~ +40°C
Frequency	50/60 Hz	Rated Service Life (h)	55,000
Ambient Temperature	-30 ~ +55°C	Storage Temperature	-40 ~ +80°C
Safety Features	Open Circuit Protection Short Circuit Protection Overvoltage Protection	Energy Efficient Class	A+ & A++

Notice: We reserve the right to make the technical changes without notice. Please contact our sales office for further information.

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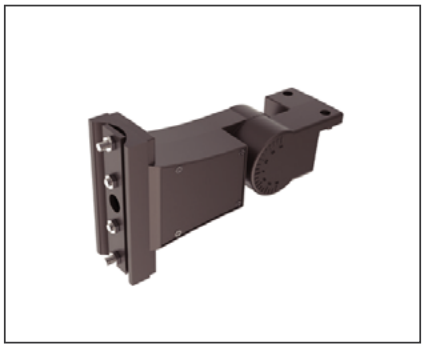
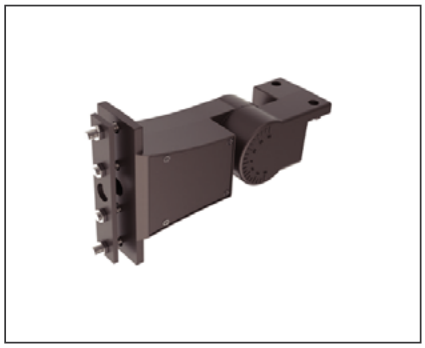
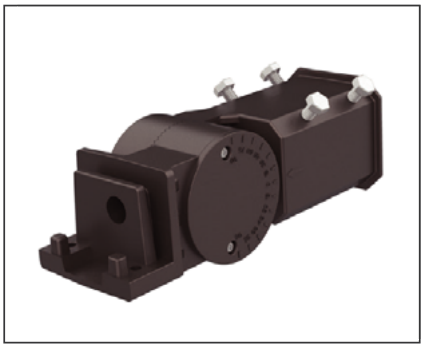
Optional accessories



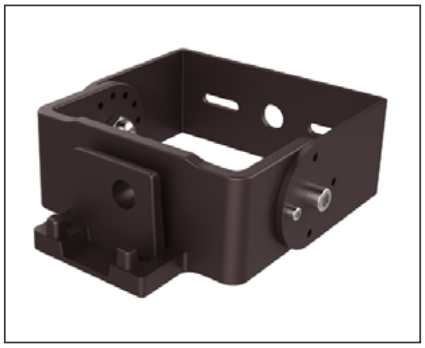
Round Pole Mount



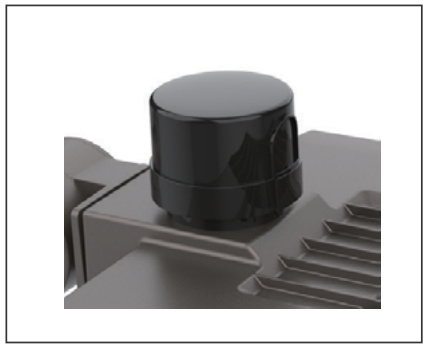
Square Pole Mount



Slip Fitter Mount



Yoke Mount

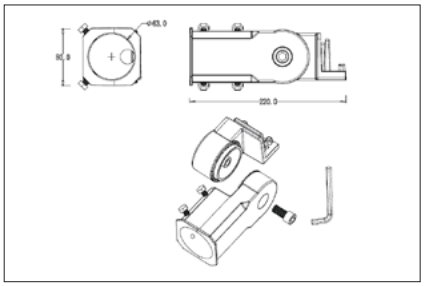


Photocell

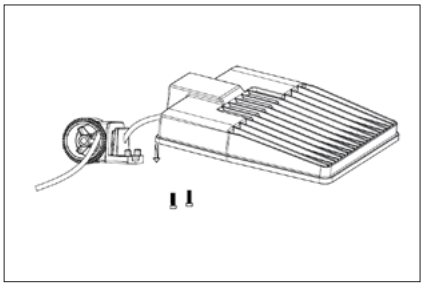
Microwave motion sensor 12V

Installation Instruction

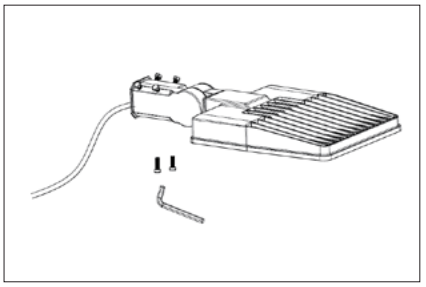
1：Slip fitter mounting



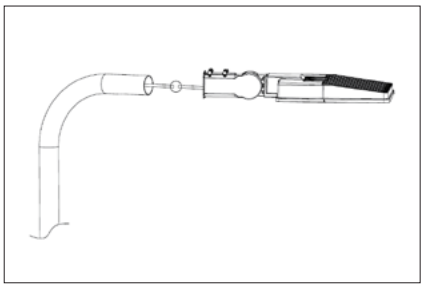
① Loose the M12 screw from the slip fitter bracket.



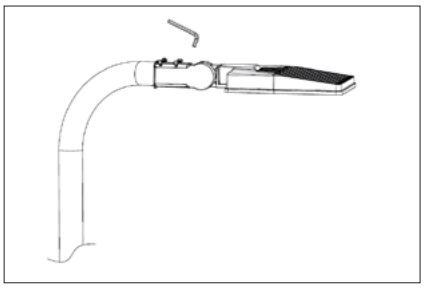
② Bring in the power line through the front part of the slip fitter bracket, then install the bracket part onto the lamp , and tighten the two M6 screws.



③ Pass the lamp input line through the back part of the slip fitter bracket, and then tighten the M12 screws.

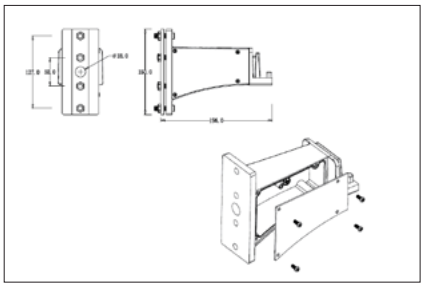


④ Connect to power supply AC 100-277V.

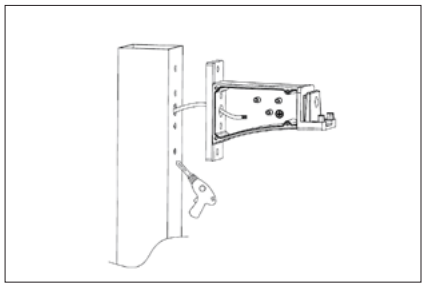


⑤ Install the hole lamp on the pole and tighten four M8 screws.

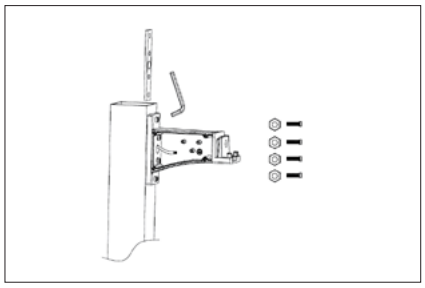
2: **Arm mounting for square pole**



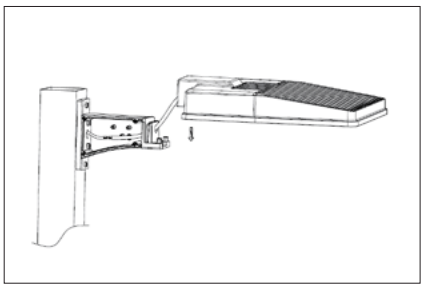
① Remove the screws from the square mounting arm and move the cover plate.



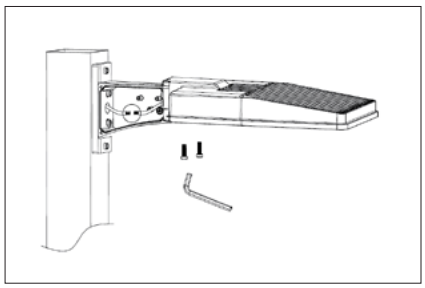
② Drill holes in the square pole corresponding to the holes on the mounting arm, at the position you want to install the fixture, then bring in the electric supply line through the middle hole into the mounting arm.



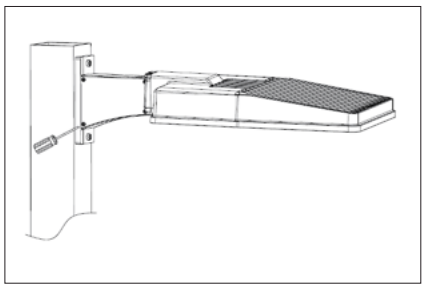
③ Put the bracket reinforcement board in the lamp square pole and fix the bracket on the lamp pole through tightening four M8 screws.



④ Bring in the power line through the hole into the arm and fix the lamp on the mounting arm.

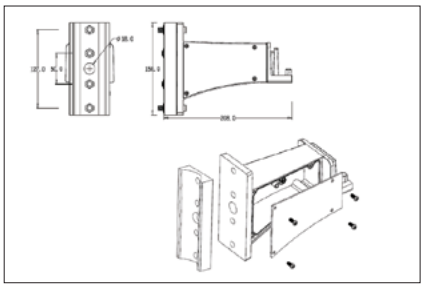


⑤ Tighten 2 M6 screws and then connect the power supply AC 100-277V.

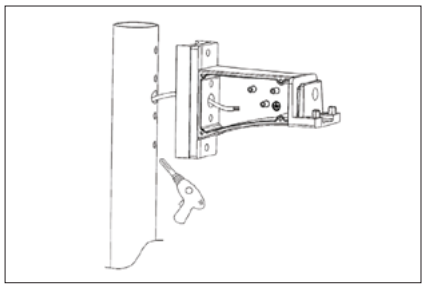


⑥ Close the arm cover plate through locking 4 M4 screws.

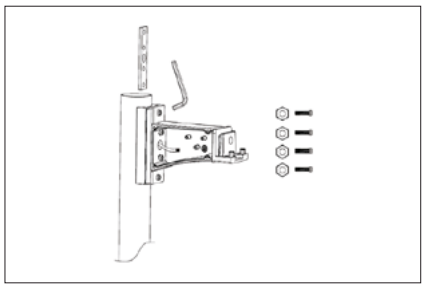
3: **Arm mounting for round pole**



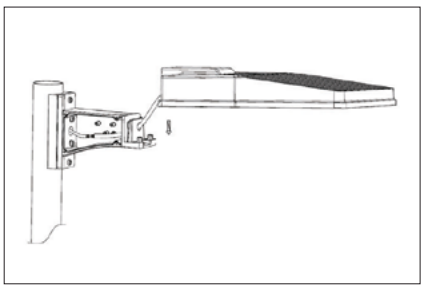
① Remove the screws from the square mounting arm and move the cover plate.



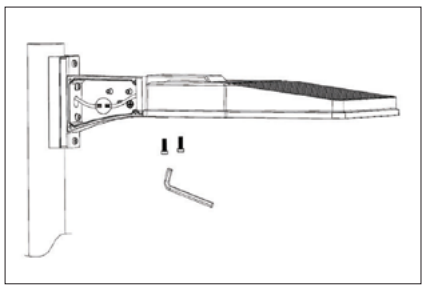
② Drill holes in the square pole corresponding to the holes on the mounting arm, at the position you want to install the fixture, then bring in the electric supply line through the middle hole into the mounting arm.



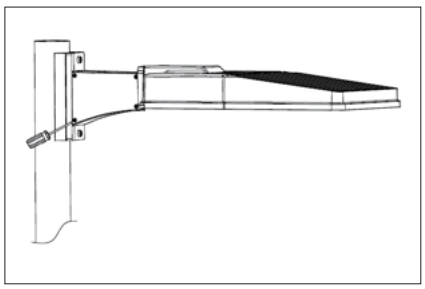
③ Put the bracket reinforcement board in the lamp square pole and fix the bracket on the lamp pole through tight four M8 screws.



④ Bring in the power line through the hole into the arm and fix the lamp on the mounting arm.



⑤ Tighten 2 M6 screws and then connect power supply AC 100V-277V.



⑤ Close the arm cover plate through locking 4 M4 screws.