



Street LED Light

MSL-RMS03- Specifications



About Us,

MSL USA's LED streetlights are trusted by electrical contractors, government agencies, and project managers across the United States. Our selection of streetlights include fixtures with dusk to dawn photocell technology as well as weather resistant coating to ensure smooth operation through harsh weather conditions. We also offer solar powered streetlights for environmentally friendly projects. We advanced production technology, we deliver smart lighting solutions for streets, gardens, residential areas, and many more...



MSL-RMS03 is a cutting-edge lighting solution meticulously designed to withstand the test of time, minimizing maintenance and replacement costs while delivering consistent, high-quality illumination year after year. Built with premium-grade materials, this LED streetlight is engineered to handle a wide range of environmental conditions, from extreme heat to heavy rain and strong winds. Its weatherproof and corrosion-resistant design ensures unwavering performance even in the most challenging outdoor settings, making it ideal for streets, highways, parking lots, and public places.

Technical Specifications

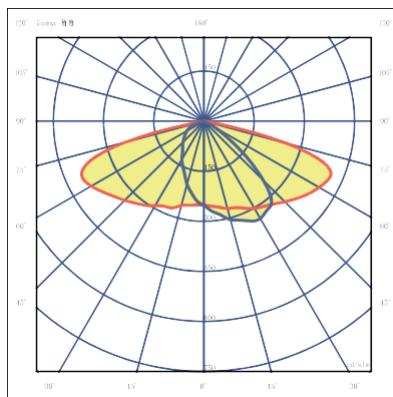
Model	MSL-RMS03-60W	MSL-RMS03-100W	MSL-RMS03-150W	MSL-RMS03-200W	MSL-RMS03-240W	MSL-RMS03-300W
Led power	60W	100W	150W	200W	240W	300W
Luminous flux	7,800LM	13,000LM	19,500LM	26,000LM	31,200LM	39,000LM
Voltage	AC120-277VAC AC347-480VAC	AC120-277VAC AC347-480VAC	AC120-277VAC AC347-480VAC	AC120-277VAC AC347-480VAC	AC120-277VAC AC347-480VAC	AC120-277VAC AC347-480VAC
Fixture color			Silver			
Color temperature			3000K+6500K			
Distribution type			T2S, T2M,T3M			
Color rendering index			CRI \geq 70			
PF			\geq 0.9			
Body Material			Die cast aluminum with polyester powder coat finish			
IP Rating			IP66			
0-10V			Optional			
Photocell			Optional			
Motion Sensor			Optional			
Timer Control			Optional			
Dimensions	493*174*108MM 19.40**6.85**4.25"	562*200*108MM 22.12**7.84**4.25"	607*240*108MM 23.89**9.44**4.25"	689*260*108MM 27.12**10.23**4.25"	766*300*108MM 30.15**11.81**4.25"	766*300*108MM 30.15**11.81**4.25"
Warranty			5 years			

Product Features

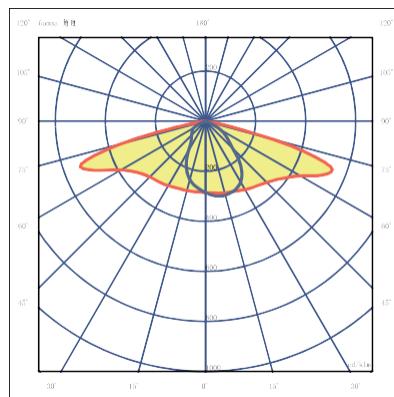
- High luminous efficiency up to 130lm/W (160lm/W-200lm/W are optional).
- Using anti-glare lens with excellent light distribution.
- Beam angle of T2S, T2M, T3M are available.
- 0-10V, Photocell, motion sensor and timer control are optional.
- IP66 rated for external roadway illumination.
- Adjustable mounting adapters with optional $\phi 40\text{mm}/1.57"$, $50\text{mm}/1.96"$ $60\text{mm}/2.36"$ pole.
- Working environment in $-35^\circ\text{C}-55^\circ\text{C}/-31\text{F}-131\text{F}$.
- Energy savings, no UV and IR radiations, emits low heat.
- UL/cUL/ETL/cETL/DLC Premium/UKCA/FCC/CE/RoHS approval.
- 5 years warranty.



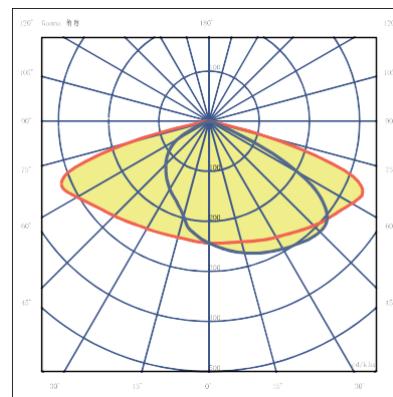
Photometric



T2S light distribution curve



T2M light distribution curve



T3M light distribution curve

Installation Manual

- Thank you for purchasing our product. Please read the below articles carefully to see how to use this product safely.
- Warning contents and attention contents related to product safely use, please be sure to follow it.

⚠️ WARNING



Risk of Fire, Electrical Shock, Cuts or other Casualty Hazards- Installation and maintenance of this product must be performed by a qualified electrician. This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and hazards involved.



Risk of Fire and Electric Shock- Make certain power is OFF before starting installation or attempting any maintenance. Disconnect power at fuse or circuit breaker.



Risk of Fire- Minimum 90°C/194F supply conductors.

Risk of Burn- Disconnect power and allow fixture to cool before handling or servicing. Risk of Personal Injury- Due to sharp edges, handle with care.

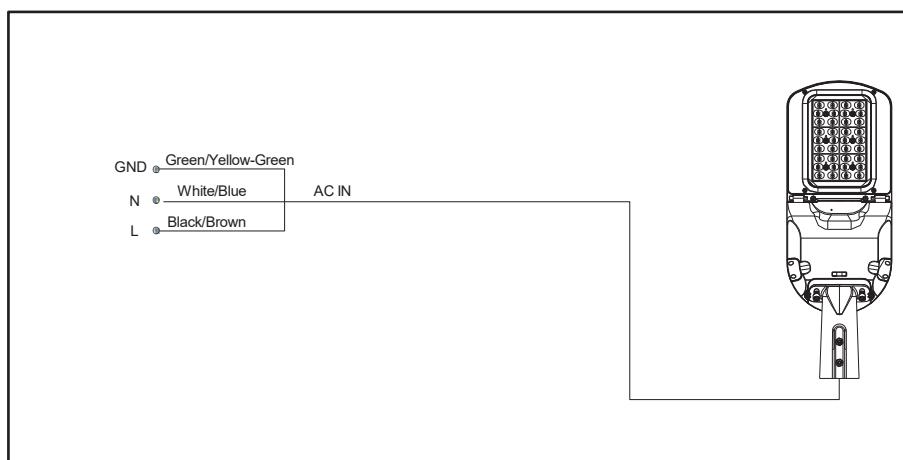


Failure to comply with these instructions may result in death, serious bodily injury and property damage.

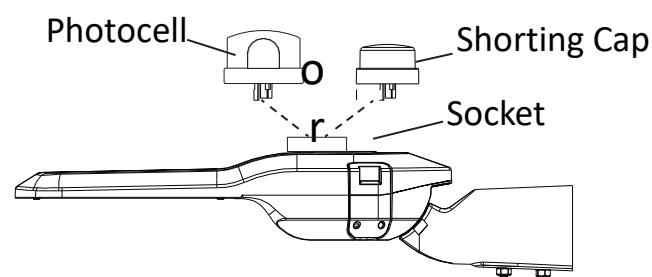
Attention

1. To avoid electric shock, disconnect power at source prior to installation.
2. Do not touch the fixture while it is in service.
3. To prevent early product failure, luminaire should only be used in operating environments ranging from -35°C to 55°C/-31°F to 131°F.
4. If there is any problem with the fixture, DO turn off power and DO NOT attempt repair unless you are a qualified technician.

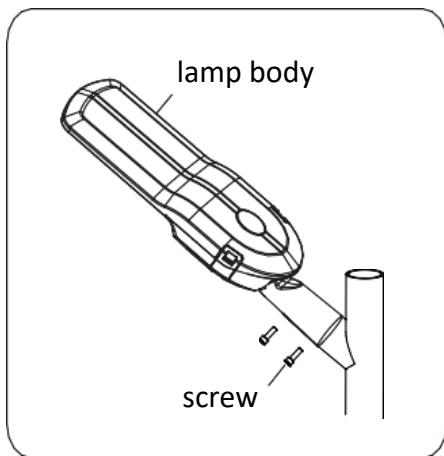
Wiring Diagram



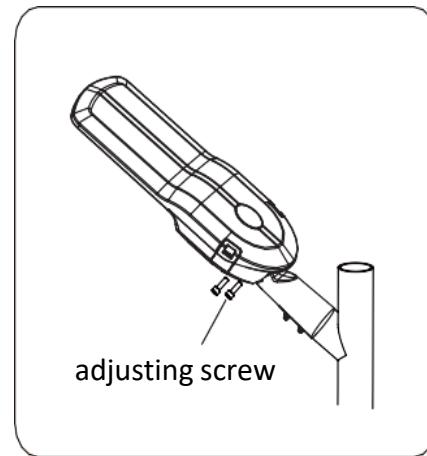
Photocell/Shorting Cap Installation



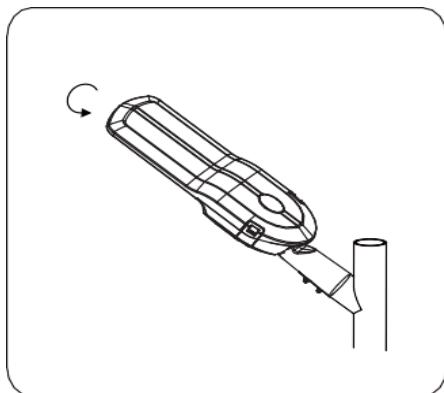
Installation Manual



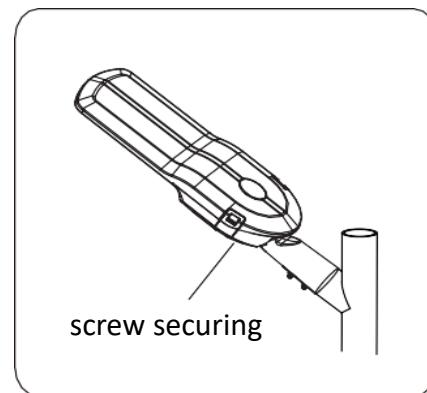
1:Take out the light, connect AC wire;fix the light mounted on the pole, Tighten the screws on the lamp arm.



2: Loosen the screw with a slotted screwdriver.



3:Adjusting the light according to beam angle.



4:Tighten the screw securing.

Uses and Applications Guide

USES AND APPLICATIONS GUIDE

Streets Lighting

Parking Lots

Residential Roads

Public Parks

Sports Lighting

Ordering Guide

Model	Voltage	LED Wattage	Distribution type	LED Color Temp	LED body color	Options	Options
MSL-RMS03	AC120-277VAC AC347-480VAC	60W 100W 150W 200W 240W 300W	T2S- Type II Short T2M- Type II Medium T3M- Type III Medium	30K 40K 50K 65K	SLV- Silver	00- No motion sensor 01- With motion sensor 02-Photocell 03- Timer control 04- 0-10V	6KV Surge Protective Device *10KV Surge Protective Device *20KV Surge Protective Device *Customize up on request