



Street LED Light MSL-RMS01- 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-RMS01



MSL-RMS01 is cutting-edge lighting solution is 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

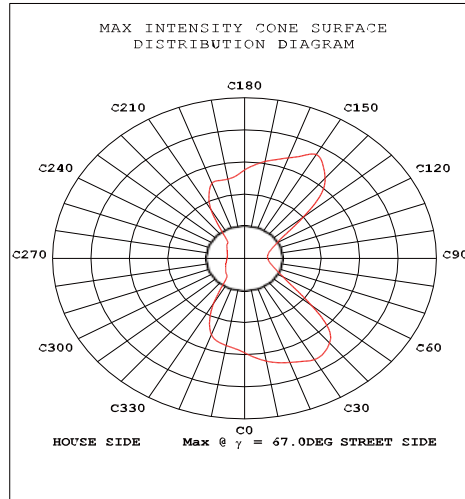
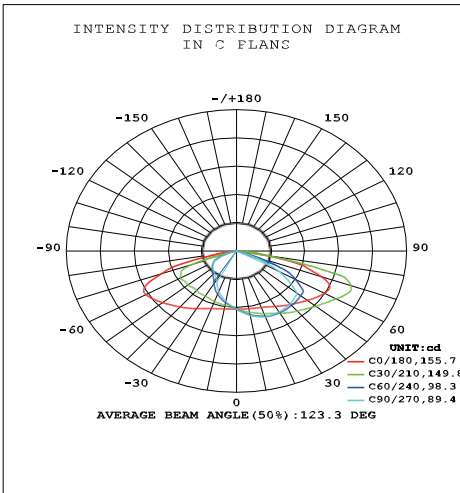
Model	MSL-RMS01-100W	MSL-RMS01-150W	MSL-RMS01-200W	MSL-RMS01-240W	MSL-RMS01-300W
Led power	100W	150W	200W	240W	300W
Luminous flux	14,000LM	21,000LM	28,000LM	33,600LM	42,000LM
Voltage	AC120-277VAC AC347-480VAC	AC120-277VAC AC347-480VAC	AC120-277VAC AC347-480VAC	AC120-277VAC AC347-480VAC	AC120-277VAC AC347-480VAC
Fixture color	Grey				
Color temperature	3000K+6500K				
Distribution type	Type III				
Color rendering index	CRI ≥70				
PF	≥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	499*310*75MM 19.64"*12.20"*2.95"	499*310*75MM 19.64"*12.20"*2.95"	499*310*75MM 19.64"*12.20"*2.95"	666*310*83MM 26.22"*19.64"*3.26"	666*310*83MM 26.22"*19.64"*3.26"
Warranty	5 years				

Product Features

- High luminous efficiency 140lm/W standard, 160lm/W-190lm/W optional.
- Optics of Type III available on request.
- Power and CCT adjustable optional.
- High transmittance and anti-UV Polycarbonate lens.
- Excellent thermal management design.
- Die-cast aluminum with polyester powder coat finish.
- IP66/IK08 rating for outdoor use.
- Mounting bracket for round and square pole for option.
- Energy savings, no UV and IR radiations, emits low heat.
- 0-10V, Photocell, motion sensor and timer control are optional.
- UL/cUL/ETL/FCC/CE/RoHS approval.
- 5 years warranty.



Photometric



Type III: 80x150°



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
MSL-RMS01	AC120-277VAC AC347-480VAC	100W 150W 200W 240W 300W	3 – Type III	30K 40K 50K 65K	GR-Grey	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