



Street LED Light MSL-STL-AR- 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-STL-AR



MSL-STL-AR 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-STL-AR-150W	MSL-STL-AR-200W	MSL-STL-AR-300W	MSL-STAL-500W
Led power	70W/100W/150W (Selectable)	100W/150W/200W (Selectable)	200W/240W/300W (Selectable)	400W/450W/500W (Selectable)
Luminous flux	Up to 150Lm/W			
Voltage	AC120-277V AC120-347V AC277-480V			
Fixture color	Bronze			
Color temperature	3000K-5000K			
Distribution type	Type II, III, IV, V			
Color rendering index	CRI >70			
PF	>0.9			
Motion Sensor	Optional			
Dimming	0-10Vdc			
Body Material	Die-cast aluminum cooling design			
IP Rating	IP65			
Dimensions	338×314×62MM 13.31”x12.4”x2.47”	381×314×61MM 15.02”x12.4”x2.43”	487×314×62MM 19.19”x12.4”x2.48”	694×335×72MM 27.33”x13.21”x2.86”

Product Features

- High luminous efficiency and long working life.
- High efficiency LED Driver, the wide range input voltage AC120-277V/AC120-347V/AC277-480V.
- Die-cast aluminum cooling design, high quality and better cooling for LED $T_j < 85^{\circ}\text{C}$.
- Excellent optics design, greatly improve the light utilization and evenness.
- Motion sensor control available (Optional)

ACCESSORIES MOUNTING BRACKETS(SOLD SEPARATELY)



TYPE A(Slip-fitter)



TYPE B(Square/Round pole mount with slip-fitter function)



TYPE D(Trunnion)



TYPE C(Square/Round pole mount)



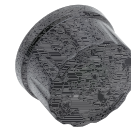
TYPE E(Yoke)



TYPE F(Slip fitter+Arm mounted)



House shield



Microwave Motion Sensor



Photocell Sensor



PIR Sensor



Shorting Cap



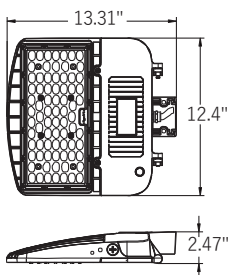
RC (Remote Controller)



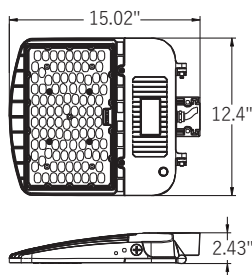
GATE WAY

FIXTURE DIMENSION

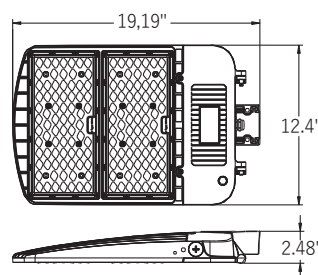
150/100/70W



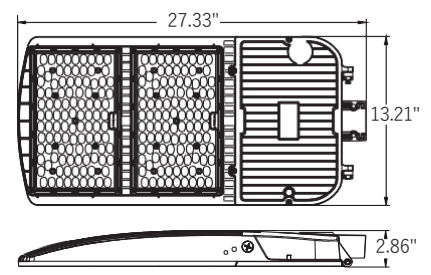
200/150/100W



300/240/200W

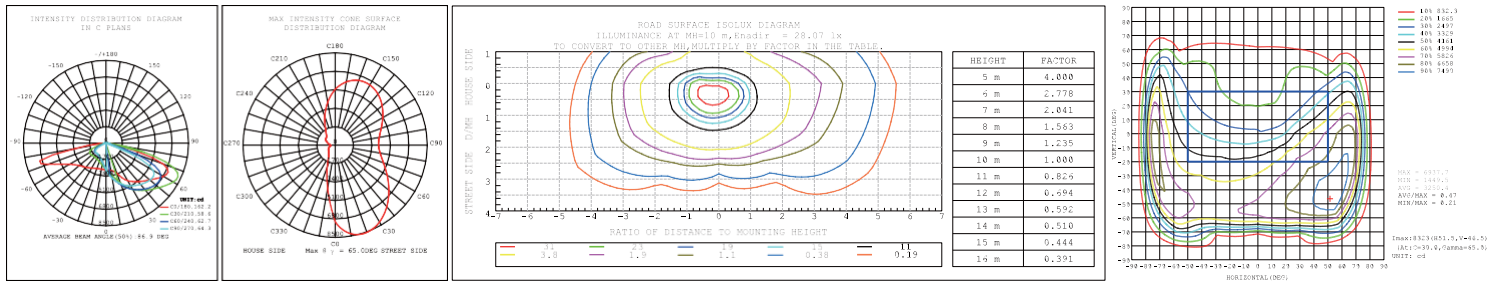


500/450/400W

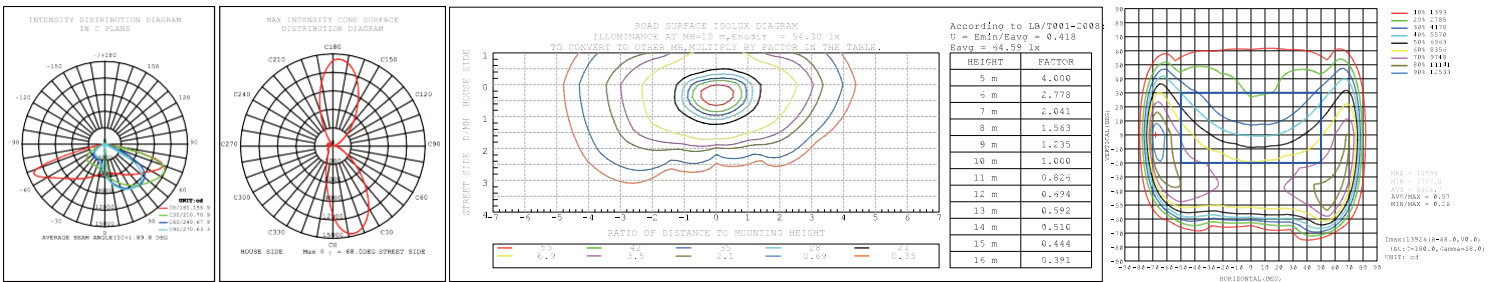


Distribution Types

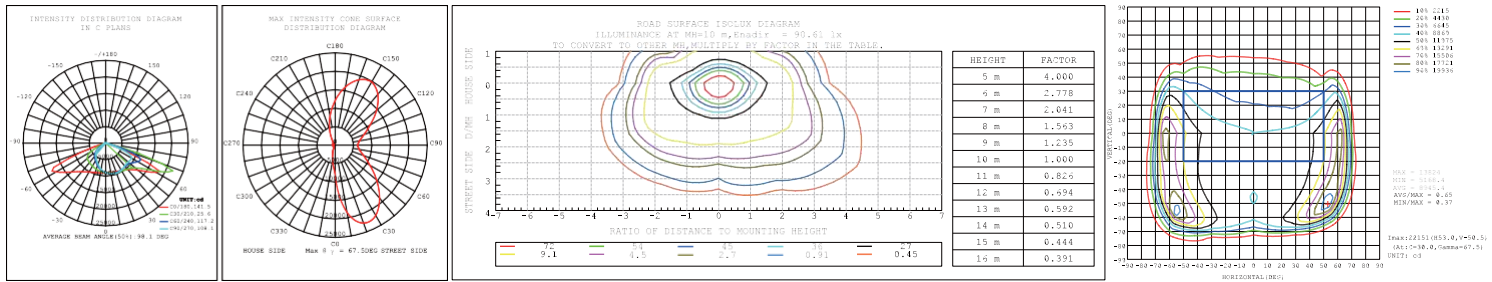
MSL-STAL-150W



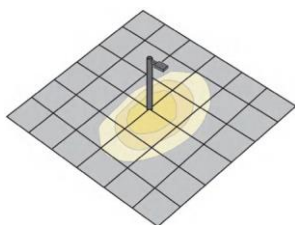
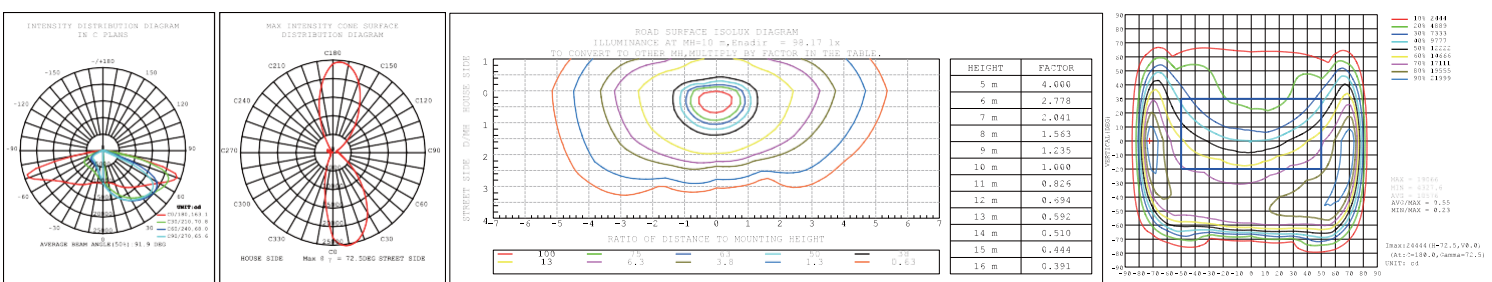
MSL-STAL-200W



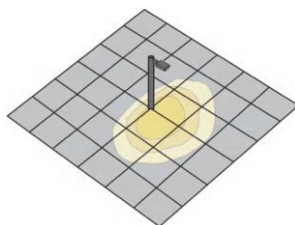
MSL-STAL-300W



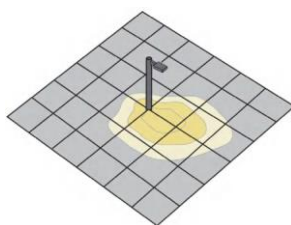
MSL-STAL-500W



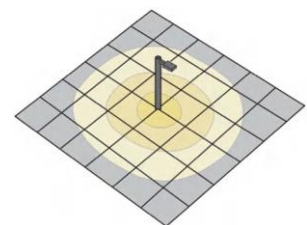
Type II optics produce a pattern that evenly shines light on both sides of the lamp. In a back-to-back configuration, it creates a rectangular pattern.



Type III optics produce an asymmetrical pattern that directs the majority of the light forward and equally on both sides of the luminaire. In a back-to-back configuration, it creates a rectangular pattern.



Type IV is suitable for applications where light is primarily required forward with minimal backlight. Typical installations include perimeter poles.



Type V optics produce a symmetrical square distribution pattern that distributes light equally on all sides of the luminaire. Type V luminaires are universal for most area lighting applications.



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	Install Options	Options
MSL-STL-AR	AC120-277V AC120-347V AC277-480V	150W- 70W/100W/150W 200W- 200W/240W/300W 300W- 200W/240W/300W 500W- 400W/450W/500W	2 – Type II 3 – Type III 4 – Type IV 5 – Type V	30K 40K 50K	BRZ- Bronze	SP- Slip Fitter UB- U Bracket WM- Wall Mounting AM- Arm Mounting	00- No motion sensor 01- With motion sensor 02- Housing Shield 6KV Surge Protective Device *10KV Surge Protective Device *20KVSurge Protective Device *Customize up on request