



Decoration Street LED

MSL-LDS-CS- 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...



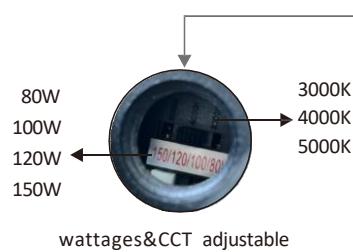
MSL-LDS-CS is a cutting-edge lighting solution meticulously designed to withstand the test of time, minimizing maintenance and replacement costs while delivering consistent, high-quality illumination year after year. Built with premium-grade materials, this LED streetlight is engineered to handle a wide 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.



SPECIFICATIONS

Model	MSL-LDS-CS-LW				MSL-LDS-CS-HW			
Led power	20W/30W/40W/60W Selectable				80W/100W/120W/150W Selectable			
Luminous flux	2,600LM	3,900LM	5,200LM	7,800LM	10,400LM	13,000LM	15,600LM	19,500LM
Voltage	AC120-277V/AC							
Fixture color	Black							
Color temperature	3,000K-5,000K							
Distribution Type	Type V							
Color rendering index	CRI \geq 72							
PF	\geq 0.9							
Body Material	Heavy die-cast aluminum alloy housing with black powder-coated finish. Anti-salt protection.							
Dimensions	508*355*76MM 20" * 14.2" * 3"							
Warranty	5 years							

CCT&Watt Tunable and Photocell Options



Open Photocell cap,StartPhotocell control function



Available Accessories:

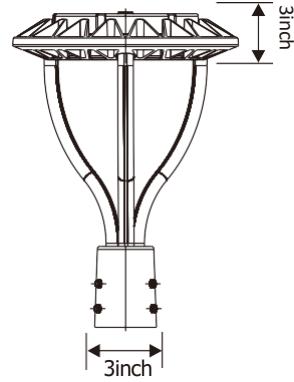
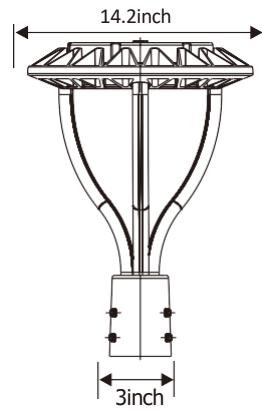
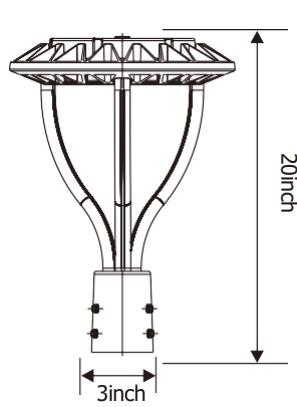


4'' Square pole mount base.



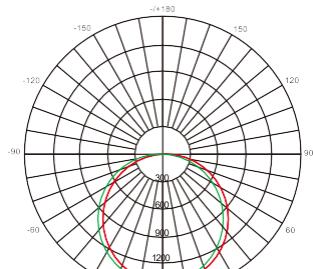
4'' Round Pole mount base.

DIMENSION



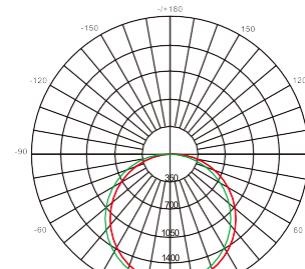
DISTRIBUTION DIAGRAM

MSL-LDS-CS(60/40/30/20)W-XXK



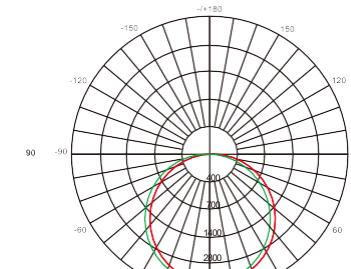
AVERAGE BEAM ANGLE(50%): 108°
 UNIT:CD
 Lumens:3600LM
 Test Number:20W
 Test Number:5000K
 C0/180,113.7
 C30/210,100.1
 C60/240,108.6
 C90/270,130.9

MSL-LDS-CS(60/40/30/20)W-XXK



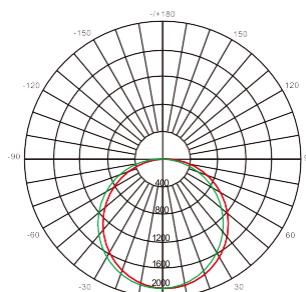
AVERAGE BEAM ANGLE(50%): 108°
 UNIT:CD
 Lumens:3900LM
 Test Number:30W
 Test Number:5000K
 C0/180,113.7
 C30/210,100.1
 C60/240,108.6
 C90/270,130.9

MSL-LDS-CS(60/40/30/20)W-XXK



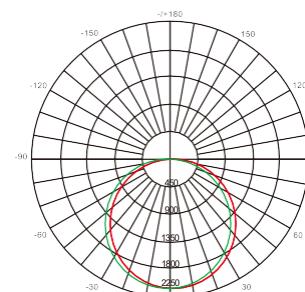
AVERAGE BEAM ANGLE(50%): 108°
 UNIT:CD
 Lumens:5200LM
 Test Number:40W
 Test Number:5000K
 C0/180,113.7
 C30/210,100.1
 C60/240,108.6
 C90/270,130.9

MSL-LDS-CS(60/40/30/20)W-XXK



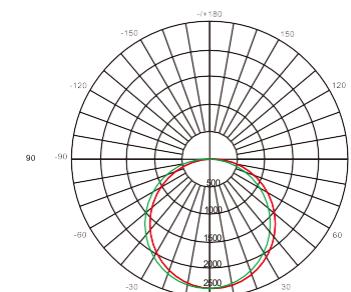
AVERAGE BEAM ANGLE(50%): 108°
 UNIT:CD
 Lumens:7800LM
 Test Number:60W
 Test Number:5000K
 C0/180,113.7
 C30/210,100.1
 C60/240,108.6
 C90/270,130.9

MSL-LDS-CS(150/120/100/80)W-XXK



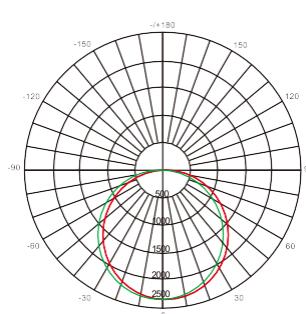
AVERAGE BEAM ANGLE(50%): 108°
 UNIT:CD
 Lumens:10400LM
 Test Number:80W
 Test Number:5000K
 C0/180,113.7
 C30/210,100.1
 C60/240,108.6
 C90/270,130.9

MSL-LDS-CS(150/120/100/80)W-XXK



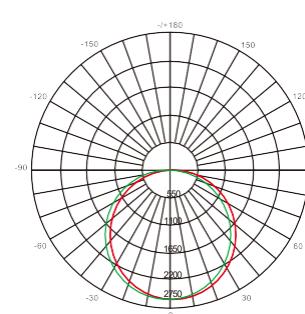
AVERAGE BEAM ANGLE(50%): 108°
 UNIT:CD
 Lumens:13000LM
 Test Number:100W
 Test Number:5000K
 C0/180,113.7
 C30/210,100.1
 C60/240,108.6
 C90/270,130.9

MSL-LDS-CS(150/120/100/80)W-XXK



AVERAGE BEAM ANGLE(50%): 108°
 UNIT:CD
 Lumens:15600LM
 Test Number:120W
 Test Number:5000K
 C0/180,113.7
 C30/210,100.1
 C60/240,108.6
 C90/270,130.9

MSL-LDS-CS(150/120/100/80)W-XXK



AVERAGE BEAM ANGLE(50%): 108°
 UNIT:CD
 Lumens:19500LM
 Test Number:150W
 Test Number:5000K
 C0/180,113.7
 C30/210,100.1
 C60/240,108.6
 C90/270,130.9

Installation Manual:

1. Find the power cord hole (Figure 1)
2. The threading rod corresponds to the hole to thread the power cord (Figure 2)
3. Twist the corresponding screw into the corresponding lever arm and tighten it. (Figure 3)
4. Loosen the handle screw and connect the corresponding LN Gwire to make it waterproof. (Figure 4)
5. The lever arm is inserted into the pole and the screw is fastened. (Figure 5)

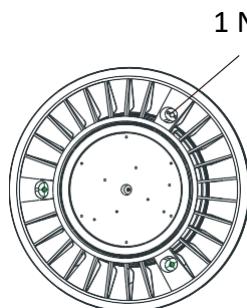


Figure 1

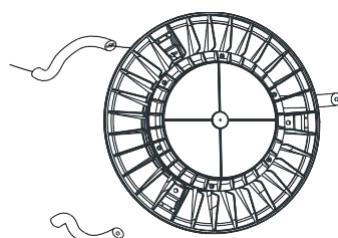


Figure 2

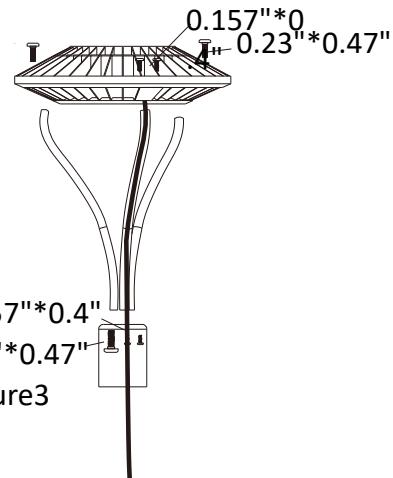


Figure 3

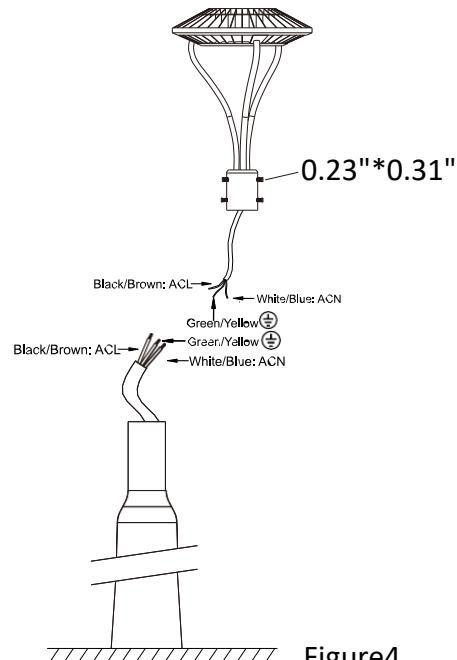


Figure 4

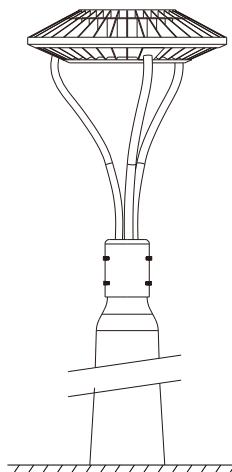


Figure 5



Uses and Applications Guide

USES AND APPLICATIONS GUIDE

Streets Lighting

Parking Lots

Residential Roads

Public Parks

Gardens

Pathways

Bike Lanes

Ordering Guide

Model	Voltage	LED Wattage	Distribution Type	LED Color Temp	LED body color	Options
MSL-LDS-CS	AC120-277V	LW - 20W/30W/40W/60W HW - 80W/100W/120W/ 150W	5 – Type V	30K 40K 50K	BLK- Black	00- Photocell 6KV Surge Protective Device *10KV Surge Protective Device *20KV Surge Protective Device *Customize up on request