



Decoration Street LED MSL-STD L- 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-STDL



MSL-STDL 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.



SPECIFICATIONS

Model	MSL-STDL-150W		
Led power	70W/100W/150W Selectable		
Luminous flux	10,000LM	14,000LM	21,000LM
Voltage	AC120-277V 50-60Hz	AC120-277V 50-60Hz	AC120-277V 50-60Hz
Fixture color	Black		
Color temperature	3000K+5000K		
Distribution Type	Type IV		
Color rendering index	CRI ≥70		
PF	≥0.9		
Body Material	Die-cast aluminum housing with UV resistant powder coat finish offers outstanding corrosion protection		
Dimensions	488*361*76MM 19.23"*14.23"*3"		
Warranty	5 years		

MSL-STDL- Install Manual

Cautions:

1. Can not use the electric generator to test the LED lamp.
2. Please abide by related country, regional and local law and regulations when install this fixture.
3. To avoid electrical shock and damage, please do not install the lights in raining days.

Notices:

1. To prevent from electric shock or fire risk, the installation must be conducted by operator who have professional electrical knowledge.
2. Please wear gloves to avoid injury before installing lamps.
3. During or after installation, if there are situations such as smoke, fire in the wires or lamps, please turn off the power immediately and notify relevant personnel of an overhaul.
4. This light can be used for outdoor installation.

Instructions:

1. This product has dimming and non-dimming function, which differs in installation ways.
2. kind of dimming functions are available in this high bay light:
 - 1) Constant current can be achieved by 0-10vDC dimming.
 - 2) PWM signal dimming.
 - 3) Variation of resistance unit dimming(Please choose the appropriate dimming way according to your needs. You can also choose not to use this function)
3. Choose the wire connection ways, dimming ways and installation ways according to your needs and the led fixture purchased.

Note:

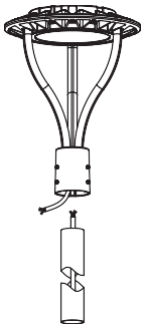
- . The installation and maintenance must be completed by electricians or professionals.
- . Please cut off the power before installation and maintenance.
- . The thermally insulating material is not allowed to cover the fixture.
- . Please keep away from the corrosive substance, and keep the fixture dry and clean.
- . Working temperature: -40°F~113°F, storage temperature: -22°F~140°F.

PRODUCT FEATURES

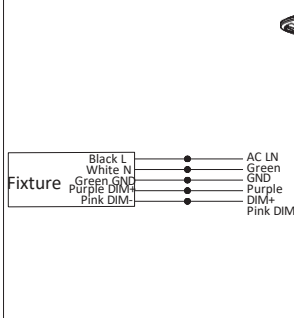
- UL,CUL&FFC listed;With LM79&LM80
- High luminous efficacy 140lm/w
- 0-10V dimming
- $PF > 0.90$, driver efficient $> 92\%$, THD $< 20\%$
- Mounts on a 3" maximum diameter post
- Suitable for wet location
- CCT:3000K-5000K
- Power tunable and CCT Switchable available

Installation instructions

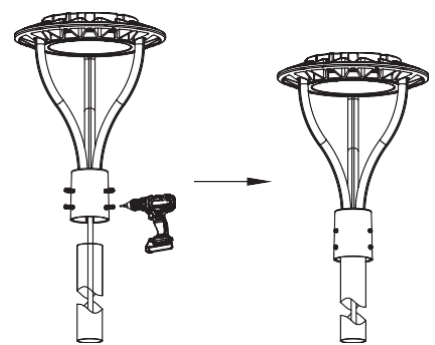
1.Pass the leads of the lights through the stem, then fix the stem with the lamp,as shown below.



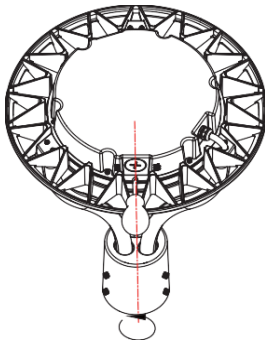
2.Turn off power,and make wiring connections with terminal cap (see wiring instruction below),as shown below.



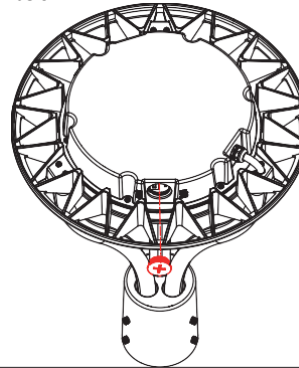
3.Pass the leads of the light through the tenon pole, then using screws to fix it,as shown below.



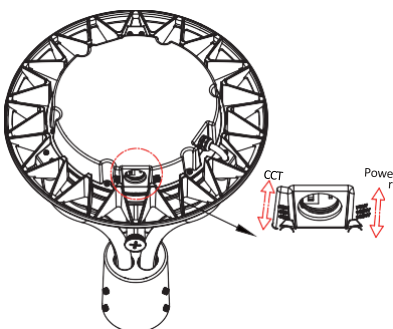
1.Use a screwdriver to remove the fixing screws,as shown below.



2.Remove the fixing screws and cover plate, as shown below.

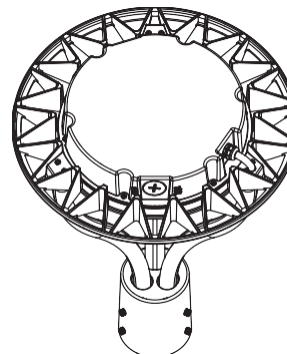


3.Flip the color temperature switch to the desired color temperature, flip the power switch to the desired wattage,as shown below.



Detailed view

4.Restore the installation in the order of Step 21e, as shown below.





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	LED Color Temp	LED body color	Options
MSL-STDL	AC120-277V 50-60Hz	150W – 70W/100W/150W	30K 40K 50K	BLK- Black	00- No Motion Sensor 01- Motion Sensor 02- Occupancy Sensor 03- Occupancy + Bluetooth 04- Infrared Bluetooth 05- Photocell 6KV Surge Protective Device *10KV Surge Protective Device *20KVSurge Protective Device *Customize up on request