



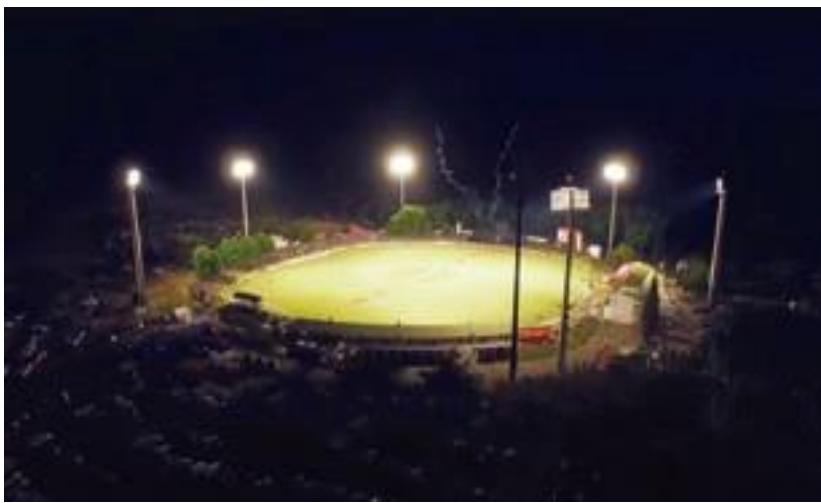
LED Flood Light

MSL-ST-FL- 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-ST-FL



MSL-ST-FL 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 floodlight 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 area, sport .



SPECIFICATIONS

Model	MSL-ST-FL-35W	MSL-ST-FL-80W	MSL-ST-FL-150W
Led power	15W/20W/35W Selectable	35W/60W/80W Selectable	100W/120W/150W Selectable
Luminous flux	Up to 4,900LM	Up to 11,200LM	Up to 21,000LM
Voltage		AC120-277V 50-60Hz	
Fixture color		Grey	
Color temperature		3000K+5000K	
Color rendering index		CRI \geq 70	
PF		\geq 0.9	
Body Material	Die-cast aluminum housing with UV resistant powder coat finish offers outstanding corrosion protection		
Dimensions	176*149*58MM 6.93**5.89**2.29"	241*184*72MM 9.49**7.25**2.84"	301*229*92MM 11.85**9.03**3.64"
Warranty	5 years		

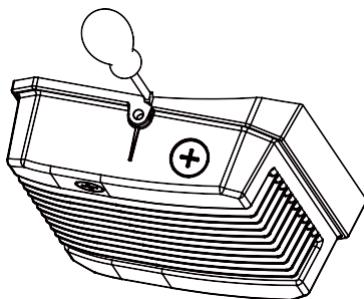
PRODUCT FEATURES

- High luminous efficiency 140lm/W.
- High efficiency LED Driver, the wide range input voltage 120-277VAC & 120-347V.
- Lumileds LED high luminous efficiency and long life.
- Cast aluminium design, better cooling and easy replacement, light quality, LEDTj<185°F.
- Excellent optical design, greatly improve the light utilization and evenness.
- Photocell Control Available.
- 0-10V dimming.

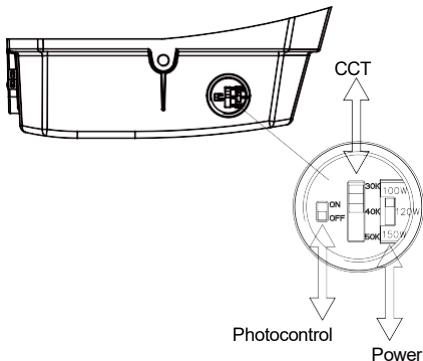


INSTALLATION INSTRUCTIONS

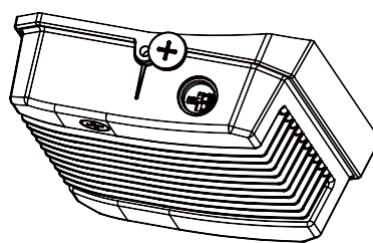
1. Use a screwdriver to remove the fixing screws, as shown in Figure 1.



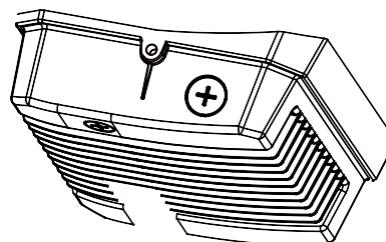
3. Flip the color temperature switch to the desired color temperature, flip the power switch to the desired wattage, as shown in Figure 3.



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



4. Restore the installation in the order of Step 321, as shown in Figure 4.





Uses and Applications Guide

USES AND APPLICATIONS GUIDE

Streets Lighting

Parking Lots

Residential Roads

Public Parks

Playgrounds

Sports Lighting

Ordering Guide

Model	Voltage	LED Wattage	LED Color Temp	LED body color	Options
MSL-ST-FL	AC120-277V 50-60Hz	35W- 15W/20W/35W Selectable 80W- 35W/60W/80W Selectable 150W- 100W/120W/150W Selectable	30K 40K 50K	GR- Grey	6KV Surge Protective Device *10KV Surge Protective Device *20KV Surge Protective Device *Customize up on request