



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 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 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-15W	MSL-ST-FL-35W	MSL-ST-FL-60W	MSL-ST-FL-80W	MSL-ST-FL-100W	MSL-ST-FL-150W
Led power	15W/35W/60W/80W/100W/150W Selectable					
Luminous flux	2,100LM	4,900LM	8,400LM	11,200LM	14,000LM	21,000LM
Voltage	AC120-277V 50-60Hz	AC120-277V 50-60Hz	AC120-277V 50-60Hz	AC120-277V 50-60Hz	AC120-277V 50-60Hz	AC120-277V 50-60Hz
Fixture color	Grey					
Color temperature	3000K+5000K					
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	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					

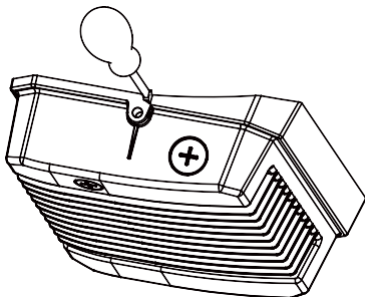
PRODUCT FEATURES

- 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.

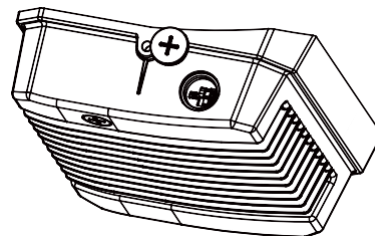


INSTALLATION INSTRUCTIONS

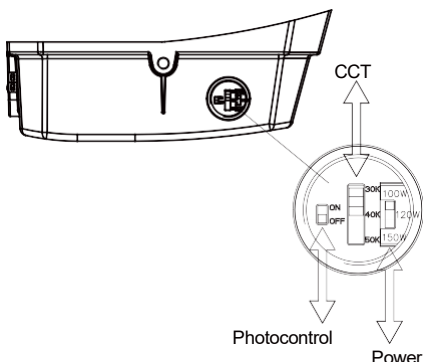
1. Use a screwdriver to remove the fixing screws, as shown in Figure 1.



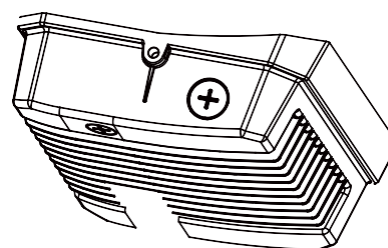
2. Remove the fixing screws and cover plate, as shown in Figure 2.



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



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	15W 35W 60W 80W 100W 150W Selectable	30K 40K 50K	GR- Grey	6KV Surge Protective Device *10KV Surge Protective Device *20KV Surge Protective Device *Customize up on request