



Decoration Street LED

MSL-NGT-GL- 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-NGT-GL



MSL-NGT-GL 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-NGT-GL-60	MSL-NGT-GL-80	MSL-NGT-GL-100	MSL-NGT-GL-120	MSL-NGT-GL-150	MSL-NGT-GL-200
Led power	60W	80W	100W	120W	150W	200W
Luminous flux	7,800LM	10,400LM	13,000LM	15,600LM	19,500LM	26,000LM
Voltage	AC100-277VAC 50-60Hz					
Fixture color	Black					
Color temperature	3000K-5000K					
Distribution type	Type III					
Color rendering index	CRI ≥80					
PF	≥0.9					
Body Material	Die cast aluminum housing with corrosion resistant powder coat paint finish					
IP Rating	IP65					
Photocell sensor	Optional					
Microwave sensor	Optional					
Motion Sensor	Optional					
Dimensions	316*117*78MM 12.44"*6.97"*3.1"		420*193*78MM 12.44"*6.97"*3.1"			
Warranty	5 years					

Product Features

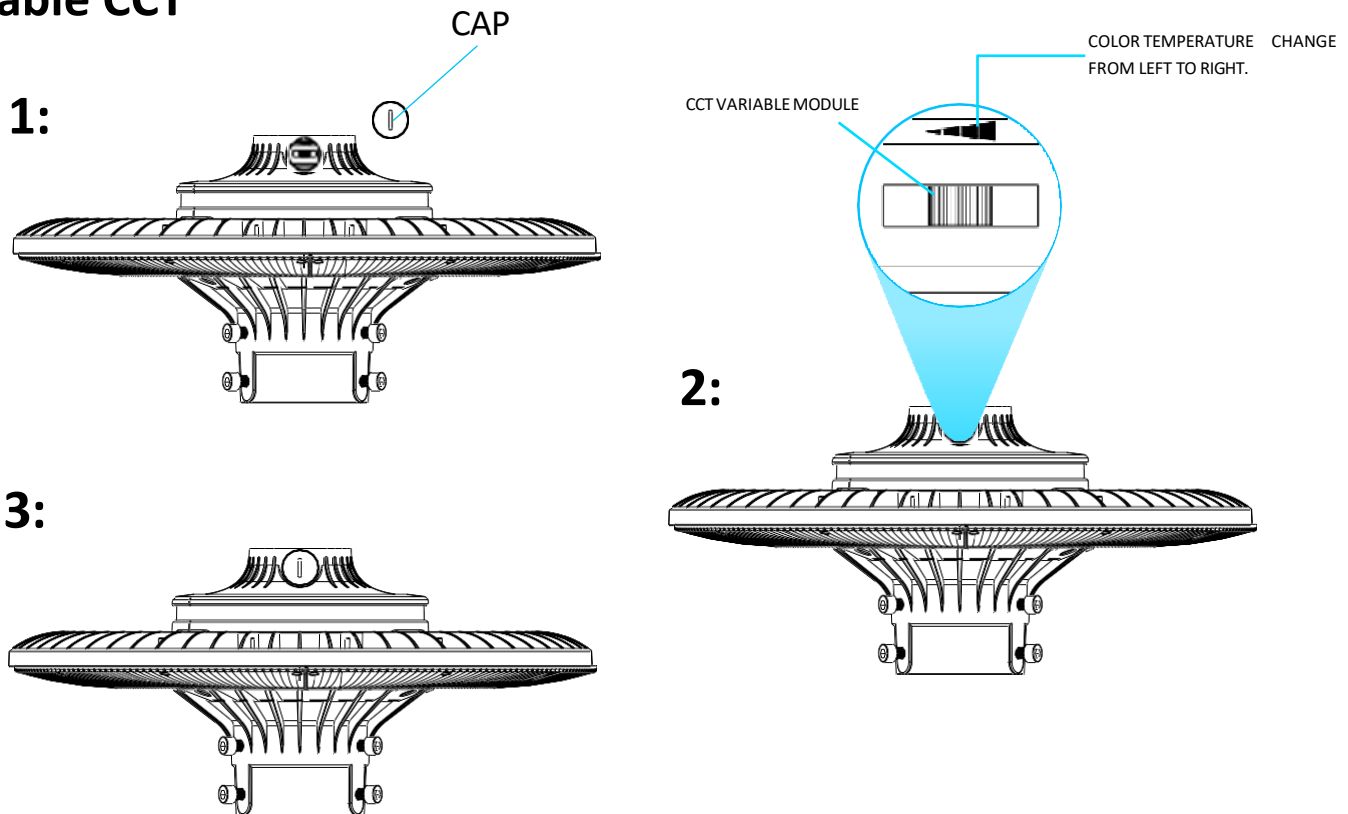
- Unique 2 lighting part design.
60W,80W,100W,120W,150W,200W options
- IP65 waterproof dust free
- 6kV built in plus 10kV external surge protection
130Lm/W SMD2835 chips.
- 3000K,4000K or 5000K CCT selectable options. 100V-
277V, 50/60Hz, PF>0.9, CRI>80
- Photocell dusk to dawn sensor
- UV stabilized vandal resistant polycarbonate lens UL cUL
DLC CE approved.
- Slip fitter mounting fits 2 3/8" tenon
- LED Post top fixture is UL cUL DLC CE,
- DLC approved safety certification guaranteed, eligible
for rebate



Wiring Diagram



Variable CCT



1.UNSCREW THE CAP.

2.AJUST PROPERLY CCT .

3.SCREW THE CAP.

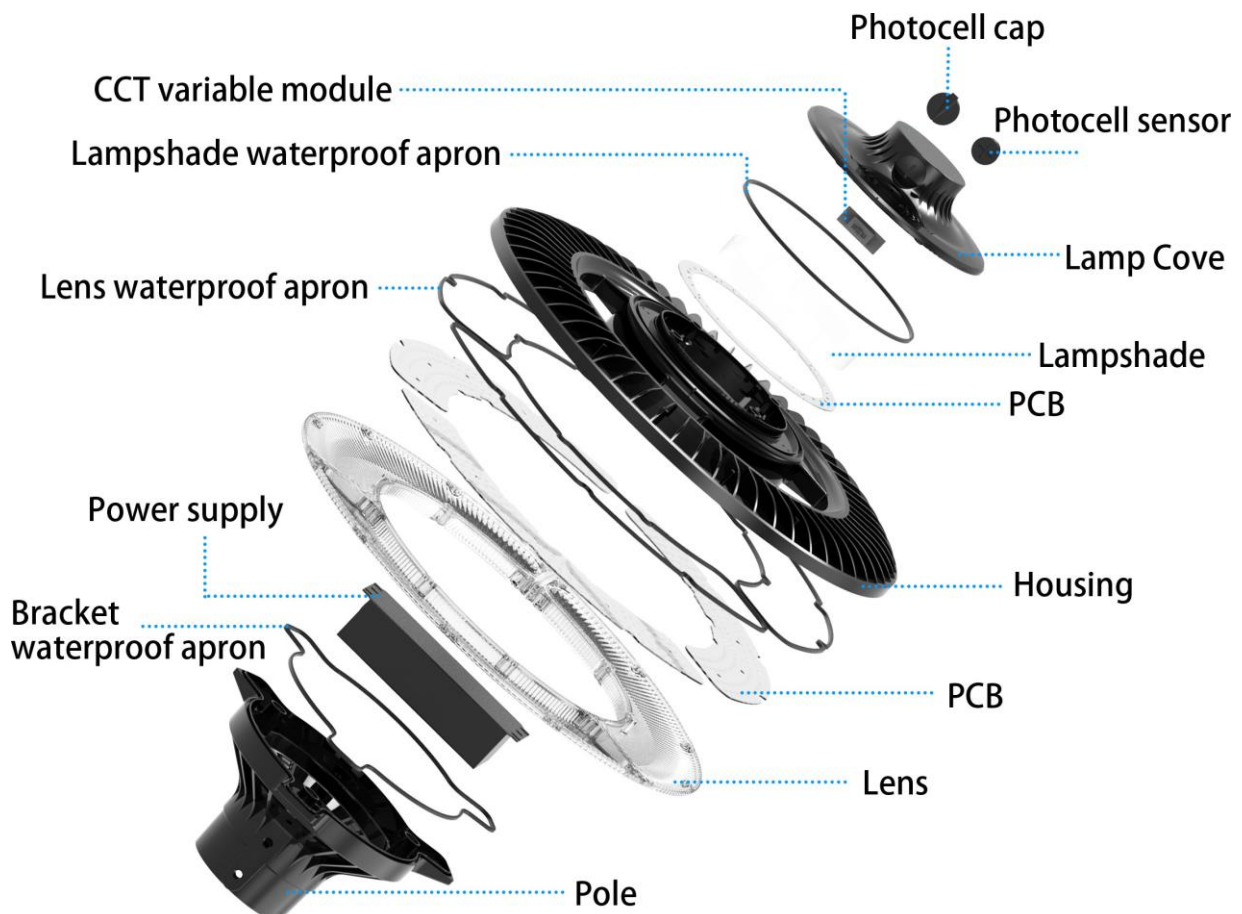
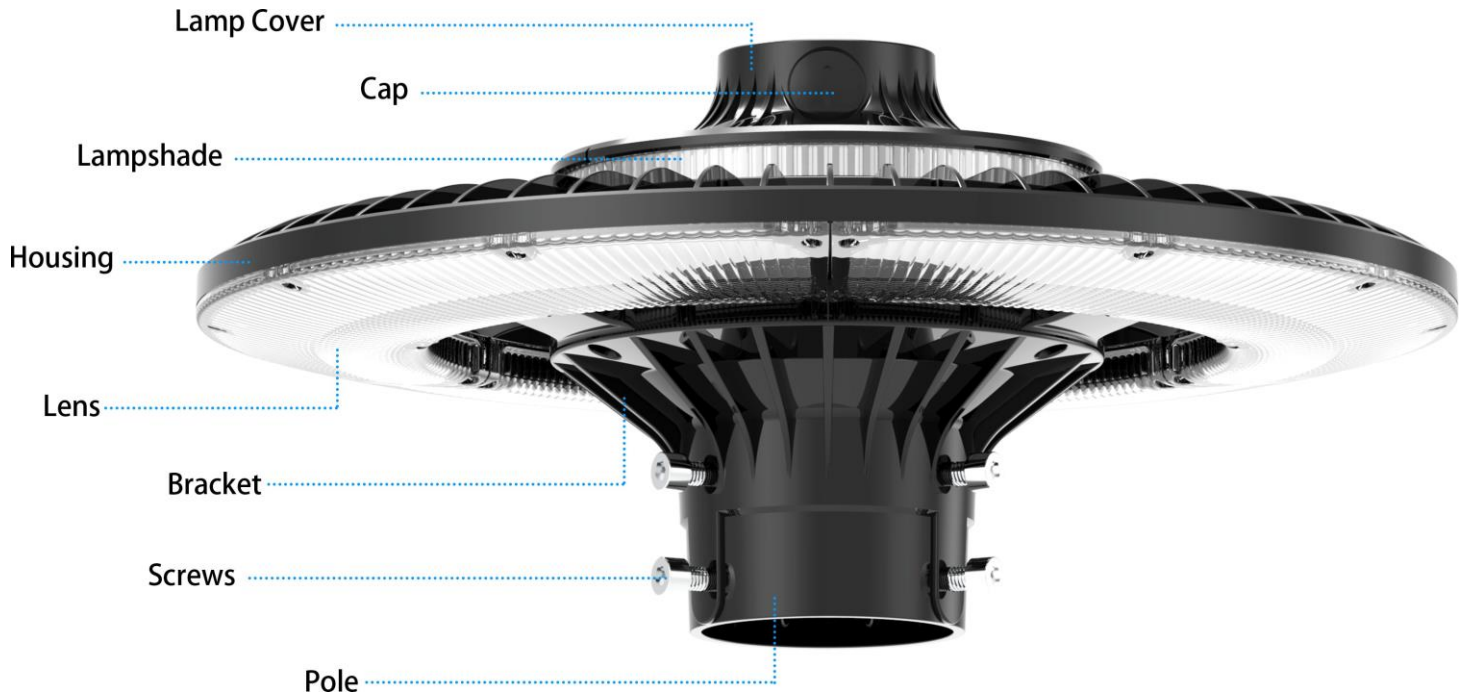


WARM LIGHT

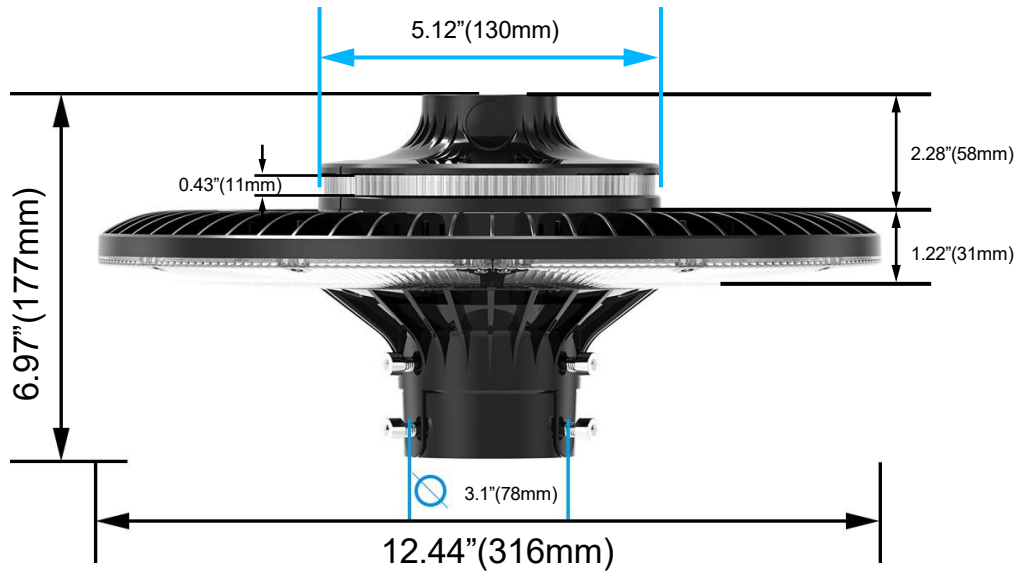


COOL LIGHT

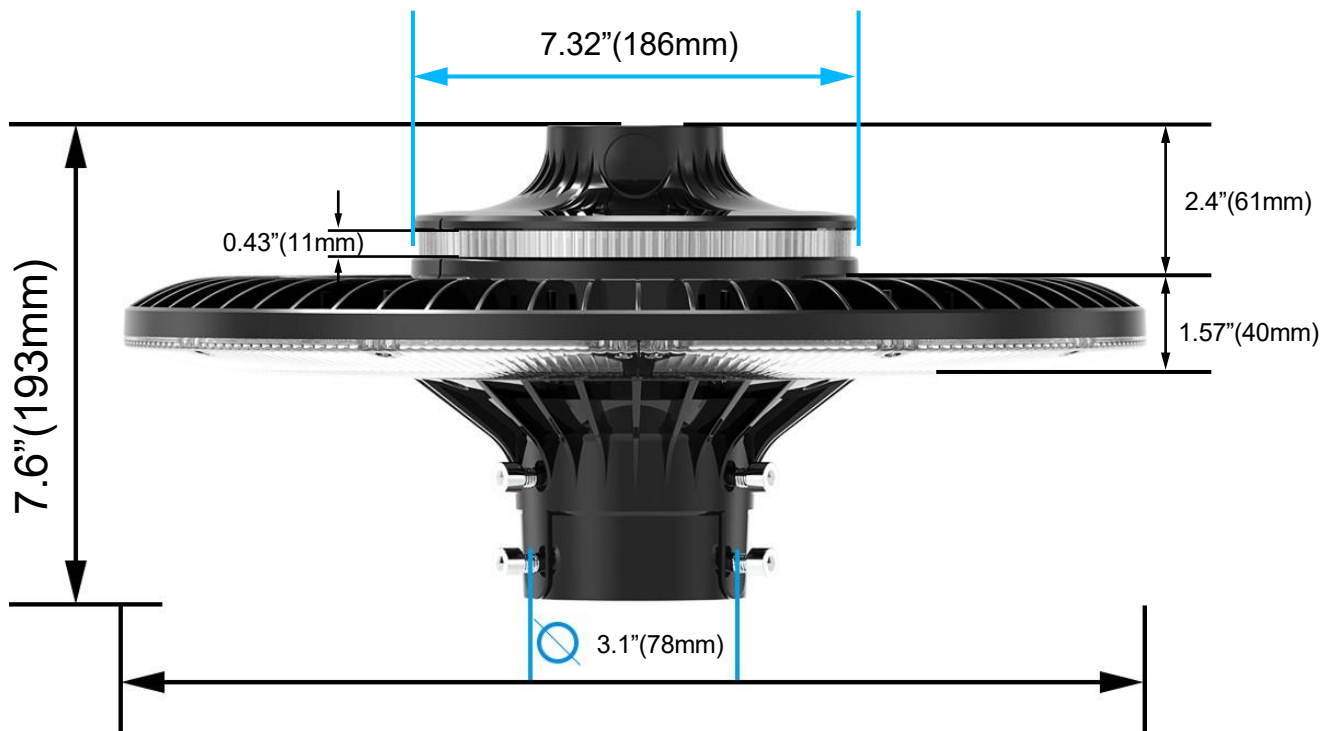
Fixture Structure



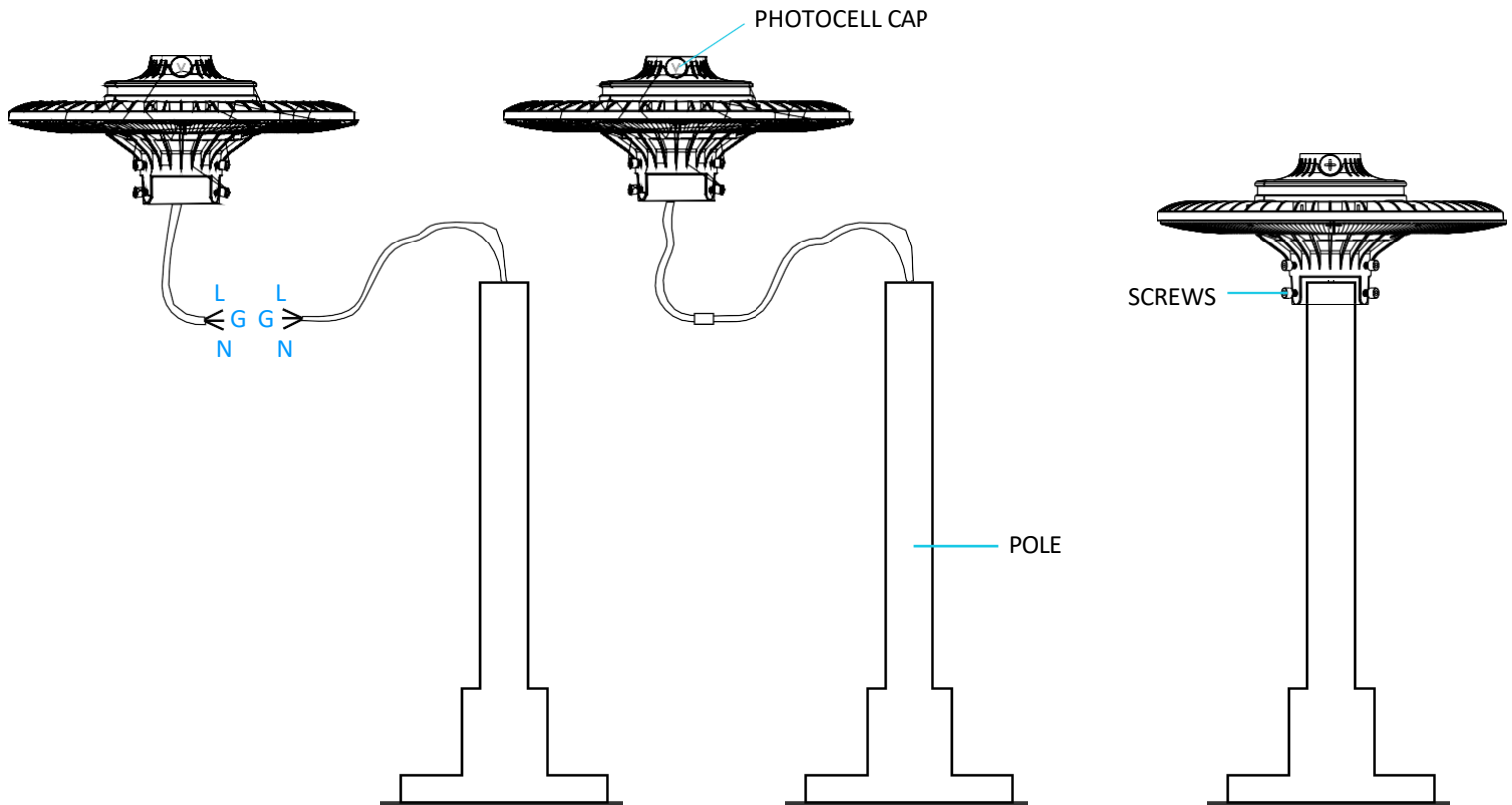
FIXTURE DIMENSIONS



60~100W



INSTALLATION INSTRUCTION



1. Properly link AC wires with light wires correctly,
Live:Black
Neutral:White
Ground:Green
2. Insulating and protect wires properly
3. Fit the tenon bracket into pole tighten the 6 screws then finished.



Uses and Applications Guide

USES AND APPLICATIONS GUIDE

Streets Lighting

Parking Lots

Residential Roads

Public Parks

Pathways

Bike Lanes

Ordering Guide

Model	Voltage	LED Wattage	Distribution type	LED Color Temp	LED body color	Options
MSL-NGT-GL	AC100-277VAC 50-60Hz	60W 80W 100W 120W 150W 200W	3 – Type III	30K 40K 50K	BLK- Black	00- No motion sensor 01- With motion sensor 6KV Surge Protective Device *10KV Surge Protective Device *20KVSurge Protective Device *Customize up on request