



HIGHLIGHT MSL-EDG-T

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-EDG-T 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.



HIGHLIGHT MSL-EDG-TTM

TENNIS COURT LIGHT **LOW GLARE · HIGH UNIFORMITY**

New MSL-EDG-T tennis court light is a specifically engineered lighting solution for outdoor tennis court and other court lighting applications. Its high-performance LEDs and precise optics produce superior levels of illumination and uniformity while throwing the light forward toward the court which reduces light pollution.

Compared with HID systems, these products reduce energy consumption by up to 75%. Gone are the days of the 1,000-watt metal halides that took 10+ minutes to start up and the high maintenance cost due to the very short lamp life of the halides.

PRODUCT FEATURES



System Light Efficacy
155-160lm/W



Extremely high lumen
uniformity



IP66 Water Proof
Rated Housing



IK10 Rated for Impact
Resistance



3G Vibration Rating



Glare-Free Lens Design
for Tennis Court



No Tilting of the
Fixtures



Minimum Lighting Spill
Outside the Court



Five Years Warranty





PERFORMANCE



240W/ 400W/ 600W



155-160lm/W



Philips Lumileds



100-277 VAC (347/480 VAC Optional) Dimming Optional



0.95 min



Sosen



≥70



4500-5500K (2500-6500K)



L70>150,000 Hours



30x120 °



IP66



IK10



Operating Temperature: -45°C-60°C (-49°F-140°F)

Storing Temperature: -45°C-80°C (-49°F-176°F)

SPECIFICATIONS

Model	Power	Efficacy (IES)	Total Lumen	N.W	CRI	LED Chip	Product Dimensions
MSL-EDG-T	240W	155lm/W	37,000lm	7.9kg/17.4lbs	≥70	Philips	684x404x91mm 26.9x15.9x3.6"
MSL-EDG-T	400W	155lm/W	62,000lm	14.8kg/32.6lbs	≥70	Philips	684x592x91mm 26.9x23.3x3.6"
MSL-EDG-T	600W	150lm/W	90,000lm	18.3kg/40.3lbs	≥70	Philips	684x780x91mm 26.9x30.7x3.6"

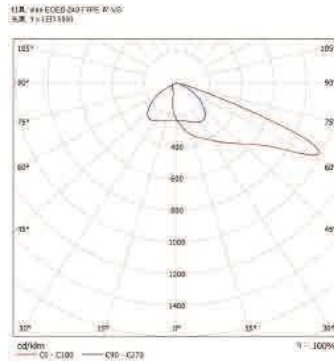


GLARE CONTROL & LIGHT UNIFORMITY COMPARISON

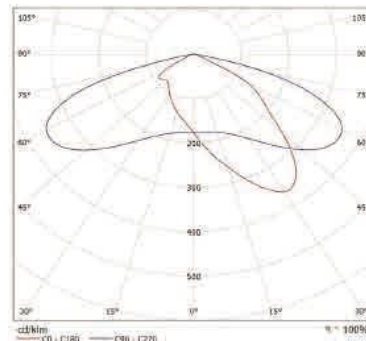
Glare free lens design ensure players safety and comfortableness.



Photometric of MSL-USA Tennis Court Light



Photometric of Regular LED Tennis Court Light



Specific photometric increases the uniformity of light, while reducing the light spill outside the court.



MSL-USA Tennis Court Light / Regular LED Tennis Court Light



INSTALLATION

For high performance and long term reliability, the light should be installed in free air.

Slip Fitter Mount

- 1.Unlock the screws, adjust the angle of slip fitter.
- 2.Feed the power cord through the pole and make wiring.
- 3.Slide the fixture onto the pole, lock the screws.

Horizontal Arm Mount

- 1.Open extended arm lower cap.
- 2.Feed power cable through extended arm, Wiring.
- 3.Put the two bolts into the extended arm, and tight the hex nuts from inside of the extended arm.
- 4.Install arm upper cap.





Uses and Applications Guide

USES AND APPLICATIONS GUIDE

Sport Fields

Street Lighting

Ordering Guide

Model	LED Power	Luminaire	Dimmability	LEDs	Distribution type	LED Color Temp	Driver	Input Voltage	Fixture color	Mounting options	Options
HIGHLIGHT MSL-EDG-T	240W 400W 600W	TC- Tennis Court	00-Non Dimmable 01-Dimmable	1-Philips lumiled	1- 30x120°	30K 40K 50K 65K	1- Sosen	1- AC 100-277V 2- AC200-480V	BLK-Black GR-Grey GRN- Green	SP- Slip Fitter HA- Horizontal arm	00- No motion sensor 01- With motion sensor 02-Photocell 03- Remote control *10KV Surge Protective Device *20KV Surge Protective Device *Customize up on request