



Decoration Street LED

MSL-AGC-DSL- 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-AGC-DSL



MSL-AGC-DSL 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.



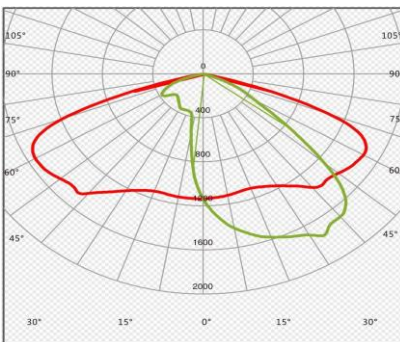
SPECIFICATIONS

Model	MSL-AGC-DSL-30W	MSL-AGC-DSL-50W	MSL-AGC-DSL-60W	MSL-AGC-DSL-75W	MSL-AGC-DSL-150W
Led power	30W	50W	60W	75W	150W
Luminous Flux	4,500LM	7,500LM	9,000LM	11,250LM	22,500LM
LM/W	150Lm/W				
Voltage	AC120-277V AC120-347V 50/60 Hz				
Fixture color	Black				
Color temperature	3000K+5000K				
Distribution Type	Type II, III, IV				
Color rendering index	CRI ≥70 (Ra80 optional)				
IP Rating	IP66/IK08				
PF	≥0.9				
Body Material	Aluminum alloy, Tempered glass + polycarbonate optical lens Powder coating				
Dimensions	Φ400x81MM φ15.75"x3.19"		φ400x92MM φ15.75"x3.62"		
Warranty	5 Years				

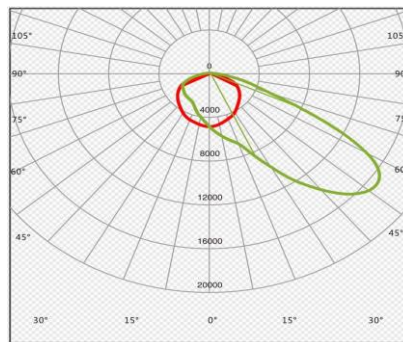
PRODUCT FEATURES

- Contemporary and architectural design.
- Compatible with the most popular mounting types, such as single strut, twin strut, post top, side entry, etc.
- High output efficiency up to 150lm/w.
- 3 kinds of optional optic lenses available.
- Special outdoor powder coating for enhanced anti- corrosion.
- Toolless maintenance.
- CCT & Power Adjustable
- Compatible with NEMA sockets.
- Dark Sky Approved when set to 3K

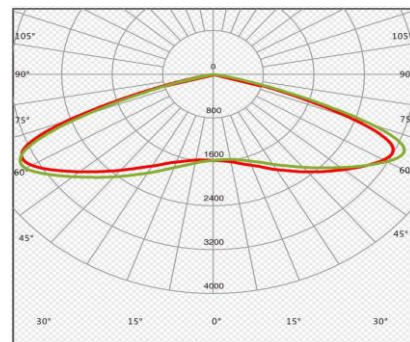
DISTRIBUTION



(Type II)

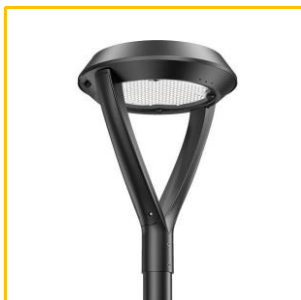


(Type III)



(Type V)

Mounting Options



Single strut mounting



Twin strut mounting



Straight-arm mounting
/Wall mounting



Post top mounting



Gooseneck mounting



Conduit mounting



Surface mounting



Side entry mounting

Component List

Mounting Option	Min.Power	QTY/CTN	NW (± 0.3kg/ ± 0.66Lbs)	GW(± 0.3kg/ ± 0.66Lbs)	Export Carton Size(mm/inch)
Single strut		5	8kg (17.6Lbs)	11kg (24.2Lbs)	520x520x275mm (20.47x20.47x10.82")
Twin strut		5	9kg (19.8Lbs)	12.5kg (27.6Lbs)	500x550x335mm (19.7x21.6x13.2")
Straight-arm bracket		15	18kg (39.7Lbs)	21.3kg (47Lbs)	610x540x240mm (24.0x21.3x9.4")
Slip fitter bracket		15	18kg (39.7Lbs)	20.1kg (44.3Lbs)	420x270x335mm (16.5x10.6x13.2")
Gooseneck bracket		20	10kg (22.0Lbs)	12.5kg (27.6Lbs)	360x280x285mm (14.2x11x11.2")
Conduit mount		20	9kg (19.8Lbs)	10.4kg (22.9Lbs)	285x285x310mm (11.2x11.2x12.2")
Surface mount		10	9kg (19.8Lbs)	10.1kg (22.3Lbs)	520x390x245mm (20.5x15.6x9.6")

* The light distribution will be different due to the different mounting brackets.

Accessories



Shorting cap Cover NEMA socket when it is not used.



Photocell control ANSI C136.10-1996 Twist Lock for On-Off function only.



Surface mount SPCC materials with outdoor powder coating.



Single strut ADC12 materials with outdoor powder coating. for dia.60mm pole. Compatible with heat sink A.



Twin strut ADC12 materials with outdoor powder coating. for dia.60mm pole. Compatible with heat sink A.



Slip fitter bracket ADC12 materials with outdoor powder coating. for dia.60mm pole. Compatible with heat sink A.



Straight-arm bracket ADC12 materials with outdoor powder coating. for dia.60mm pole, for 74mm square pole. Compatible with heat sink A.



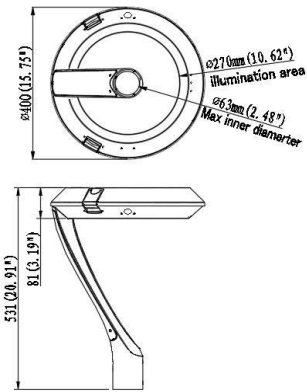
Gooseneck bracket ADC12 materials with outdoor powder coating. for dia.60mm pole. Compatible with heat sink A.



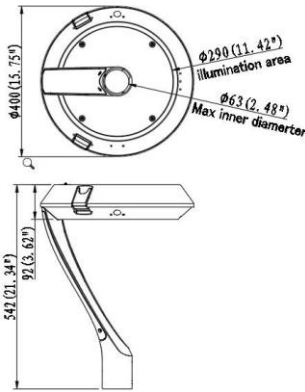
Conduit mounting SPCC materials with outdoor powder coating.

Product Dimensions

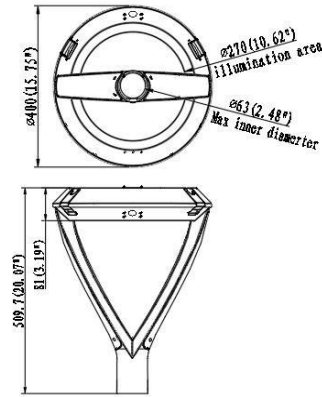
Unit: MM/Inch



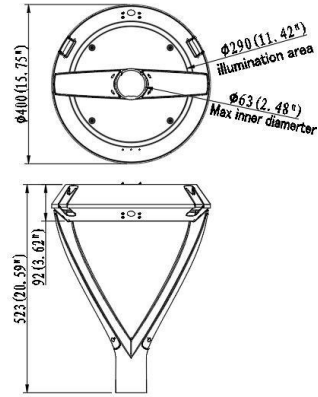
30W/50W/60W/75W
Single strut mounting



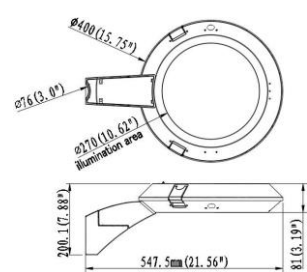
150W
Single strut mounting



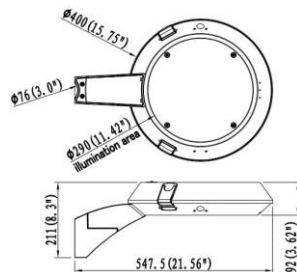
30W/50W/60W/75W
Twin strut mounting



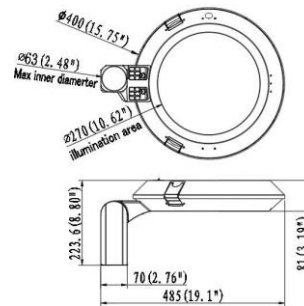
150W
Twin strut mounting



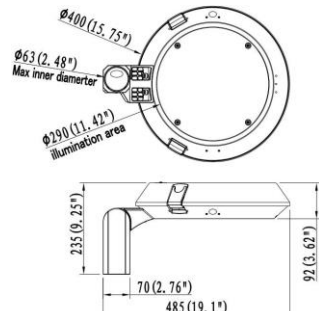
30W/50W/60W/75W
Straight-arm mounting



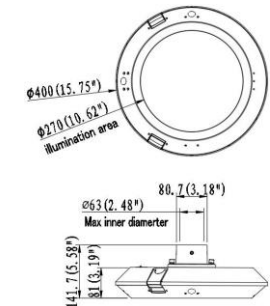
150W
Straight-arm mounting



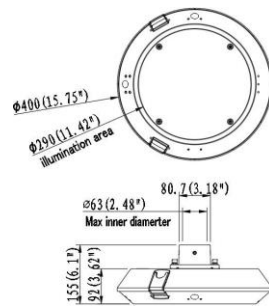
30W/50W/60W/75W
Post top mounting



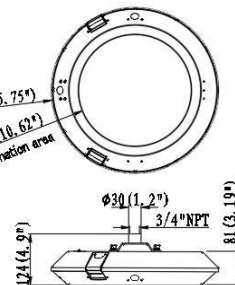
150W
Post top mounting



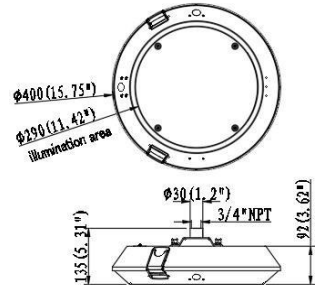
30W/50W/60W/75W
Gooseneck mounting



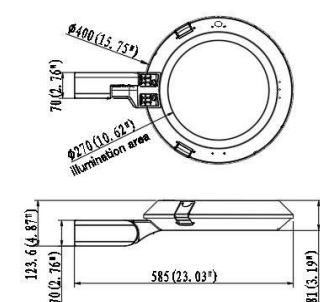
150W
Gooseneck mounting



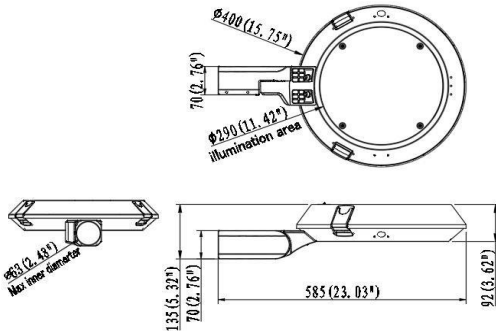
30W/50W/60W/75W
Conduit mounting



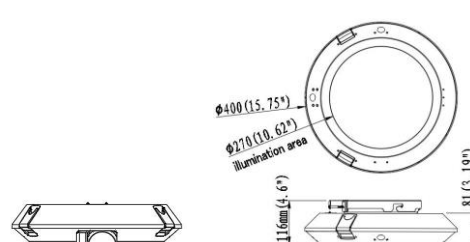
150W
Conduit mounting



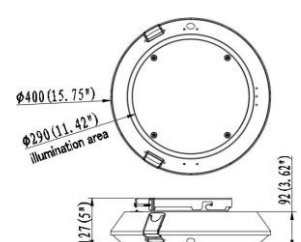
30W/50W/60W/75W
Side entry mounting



150W
Side entry mounting



30W/50W/60W/75W
Surface mounting



150W
Surface mounting

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	Mounting Options
MSL-AGC-DSL	AC120-277V AC120-347V 50/60 Hz	30W 50W 60W 75W 150W	30K 40K 50K	BRZ - Bronze	00 – No Motion Sensor 01 -PIR sensor (Infrared sensor) 02 - Photocell 10KV Surge Protective Device	 A - Single strut mounting  B - Twin strut mounting  C – Wall Mounting  D – Post Top Mounting  E – Gooseneck Mounting  F – Conduit Mounting  G – Surface Mounting  H – Side entry Mounting