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 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-75W	MSL-AGC-DSL-150W
Led power	22W/37W/56W/75W Selectable	90W/120W/150W Selectable
Luminous Flux	Up to 9,000LM	Up to 22,500LM
LM/W	150Lm/W	
Voltage	AC120-277V AC120-347V 50/60 Hz	
Fixture color	Bronze	
Color temperature	3000K+5000K	
Distribution Type	Type II, III, IV	
Color rendering index	CRI $\geq$70 (Ra80 optional)	
IP Rating	IP66/IK08	
PF	$\geq$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
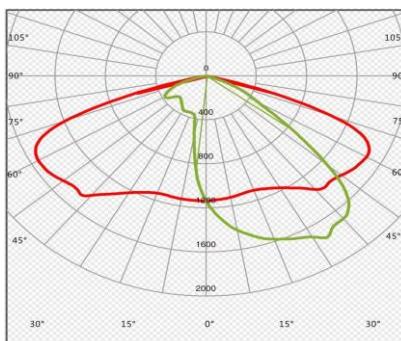
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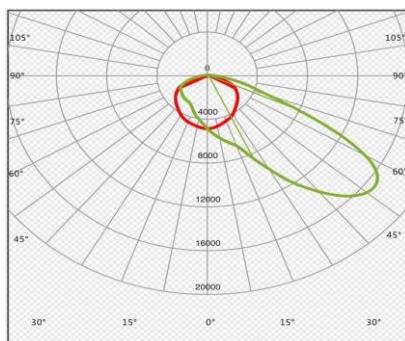
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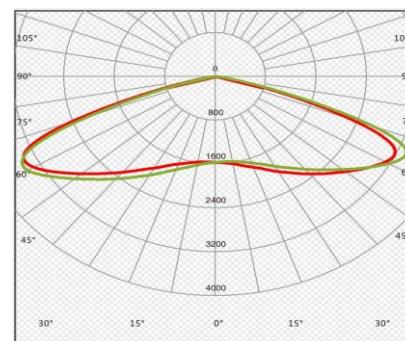
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Mounting Options
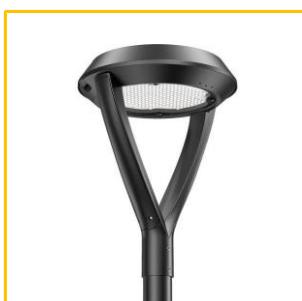
Single strut mounting

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
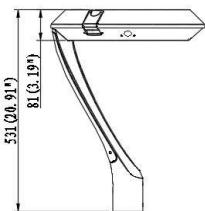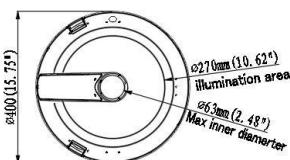
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Single strut mounting
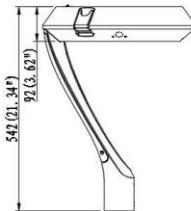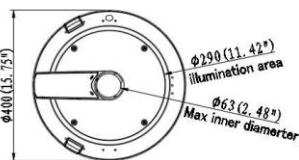
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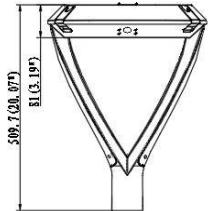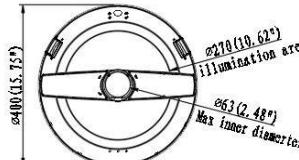
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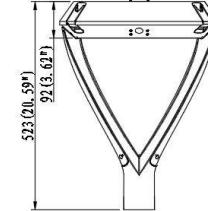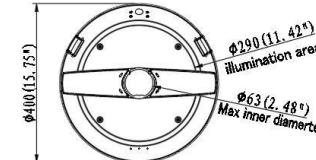
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Twin strut mounting
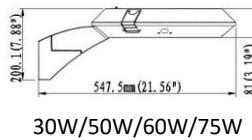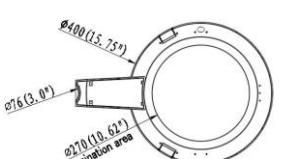
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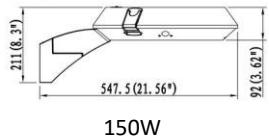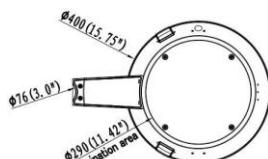
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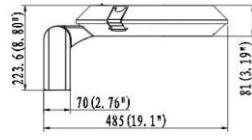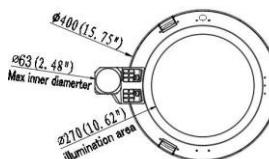
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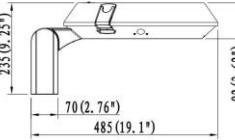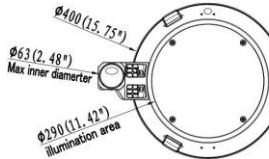
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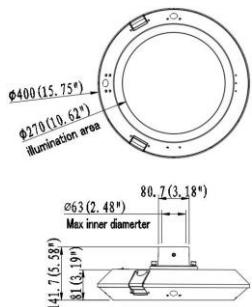
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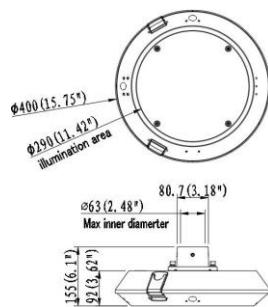
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Gooseneck mounting
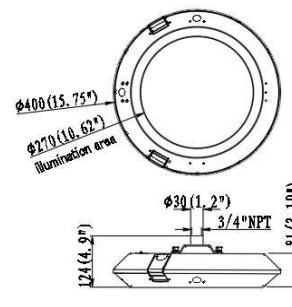
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Conduit mounting
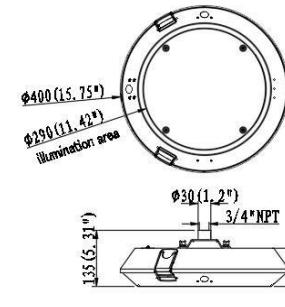
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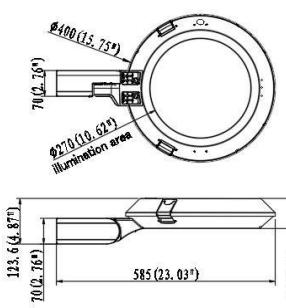
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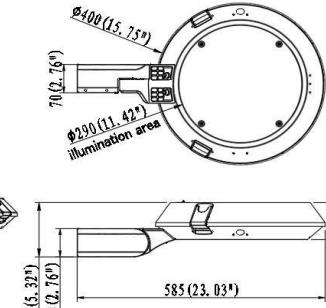
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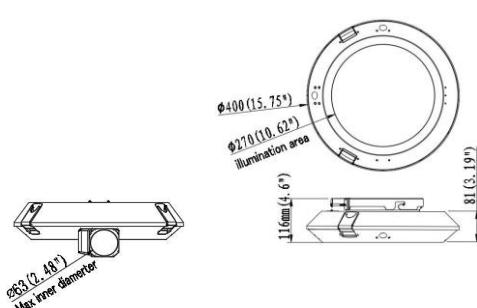
30W/50W/60W/75W
Surface mounting
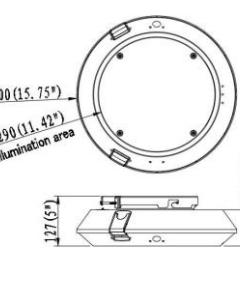
150W
Surface mounting

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	75W- 22W/37W/56W/75W 150W-90W/120W/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