

| | | | |
|-------------|--------|------|------------------|
| ML04 | Cat. # | | MCGREGOR® |
| | Job | Type | |
| | | | Approvals |



Small Size: 40W/70W/100W



Medium Size: 150W/200W



Large Size: 250W/300W



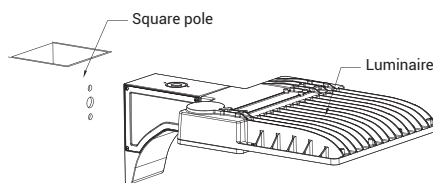
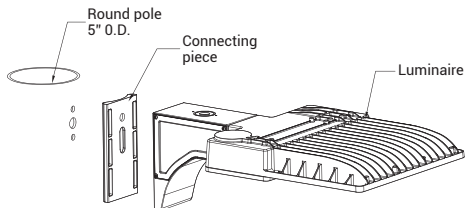
MOUNTING

- » Standard versatile mounting arm accommodates multiple drilling patterns as well as square and round poles
- » Wall Mount available for direct wall mounting and J-box mounting
- » Optional for cast aluminum slipfitter mounting adapter (Compatible with moe MESTER mounting adaptors such as Tenon, suits for various application)

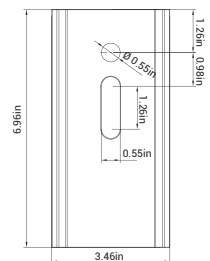
MOUNTING OPTIONS



Mounting Dimensions



Drilling Template



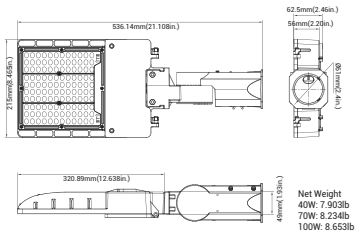
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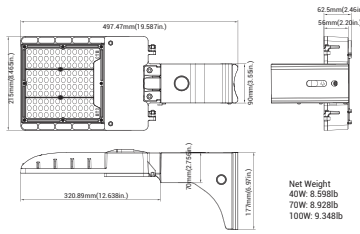
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DIMENSIONS

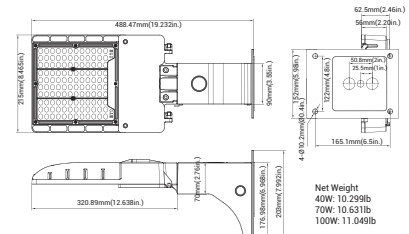
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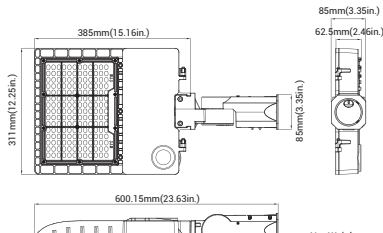
40W/70W/100W (Slipfitter Mount)



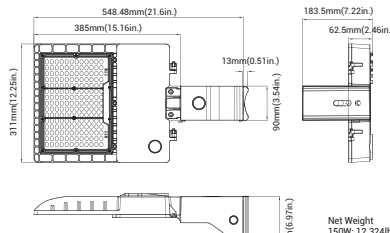
40W/70W/100W (Pole Mount)



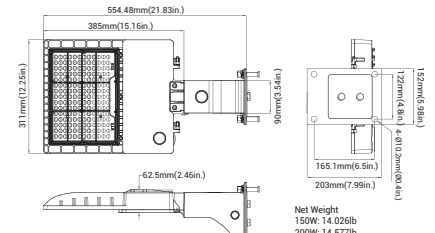
40W/70W/100W (Wall Mount)



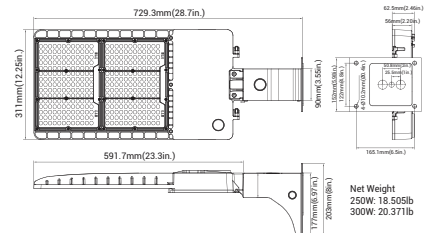
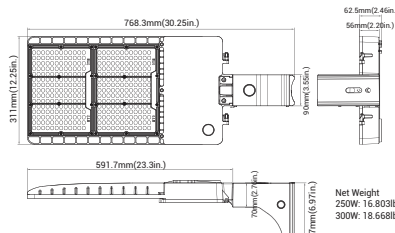
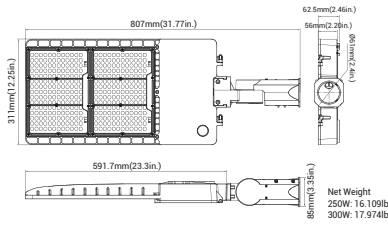
150W/200W (Slipfitter Mount)



150W/200W (Pole Mount)

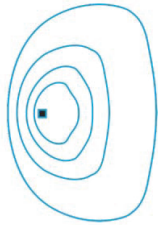


150W/200W (Wall Mount)



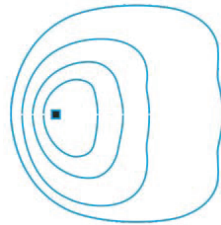
PHOTOMETRICS

Solidus offers a complete set of optical systems to meet every site lighting requirement. These systems provide remarkable flexibility in precisely matching light distribution patterns to specific site requirements.



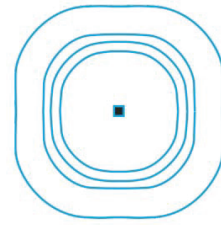
Type 3:

Type 3 optics produce an asymmetrical pattern that directs the majority of the light forward and equally on both sides of the luminaire. In a back-to-back configuration, it creates a rectangular pattern which can extend pole spacings.



Type 4:

Type 4 is suitable for applications where light is primarily required forward with minimal backlight. Typical installations include perimeter poles.



Type 5:

Type 5 optics produce a symmetrical square distribution pattern that distributes light equally on all sides of the luminaire. Type 5 luminaires is universal for most area lighting applications

EPA OF AREA LIGHT

| Item | 1 | 2 @90° | 2 @120° | 2@180° | 3 @90° | 3 @120° | 4 @90° |
|--------------|--------|--------|---------|--------|--------|---------|--------|
| 40W/70W/100W | 0.3413 | 0.5929 | 0.7983 | 0.6826 | 1.0239 | 1.0499 | 1.0239 |
| 150W/200W | 0.423 | 0.735 | 0.873 | 0.846 | 1.158 | 1.185 | 1.158 |
| 250W/300W | 0.4759 | 0.7889 | 1.0581 | 0.9518 | 1.2648 | 1.3711 | 1.2648 |



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PERFORMANCE DATA

| System Watts | Voltage | Dist. Type | Lumens (4000K) | LPW (4000K) | Lumens (5000K) | LPW (5000K) |
|--------------|-------------------|------------|----------------|-------------|----------------|-------------|
| 40W | 120-277V | 3 | 5400lm | 135 lm/W | 5500lm | 138 lm/W |
| | 120-277V | 4 | 5360lm | 134 lm/W | 5480lm | 137 lm/W |
| | 120-277V | 5 | 5600lm | 140 lm/W | 5720lm | 143 lm/W |
| 45W | 347-480V | 3 | 5900lm | 131 lm/W | 6000lm | 133 lm/W |
| | 347-480V | 4 | 5850lm | 130 lm/W | 5940lm | 132lm/W |
| | 347-480V | 5 | 6120lm | 136 lm/W | 6210lm | 138 lm/W |
| 70W | 120-277V | 3 | 9400lm | 134 lm/W | 9500lm | 136 lm/W |
| | 120-277V | 4 | 9310lm | 133 lm/W | 9450lm | 132 lm/W |
| | 120-277V | 5 | 9730lm | 139 lm/W | 9800lm | 140 lm/W |
| 75W | 347-480V | 3 | 9800lm | 131 lm/W | 10000lm | 133 lm/W |
| | 347-480V | 4 | 9750lm | 130 lm/W | 9900lm | 132 lm/W |
| | 347-480V | 5 | 10200lm | 136 lm/W | 10350lm | 138 lm/W |
| 100W | 120-277V | 3 | 13300lm | 133 lm/W | 13400lm | 134 lm/W |
| | 120-277V | 4 | 13200lm | 132 lm/W | 13300lm | 133 lm/W |
| | 120-277V | 5 | 13800lm | 138 lm/W | 13900lm | 139 lm/W |
| 150W | 120-277V/347-480V | 3 | 20000lm | 133 lm/W | 20100lm | 134 lm/W |
| | 120-277V/347-480V | 4 | 19800lm | 132 lm/W | 20000lm | 133 lm/W |
| | 120-277V/347-480V | 5 | 20700lm | 138 lm/W | 20900lm | 139 lm/W |
| 200W | 120-277V/347-480V | 3 | 24700lm | 124 lm/W | 25000lm | 125 lm/W |
| | 120-277V/347-480V | 4 | 24600lm | 123 lm/W | 24800lm | 124 lm/W |
| | 120-277V/347-480V | 5 | 25800lm | 129 lm/W | 26000lm | 130 lm/W |
| 250W | 120-277V/347-480V | 3 | 33600lm | 134 lm/W | 34000lm | 136 lm/W |
| | 120-277V/347-480V | 4 | 33250lm | 133 lm/W | 33750lm | 135 lm/W |
| | 120-277V/347-480V | 5 | 34750lm | 139 lm/W | 35250lm | 141 lm/W |
| 300W | 120-277V/347-480V | 3 | 40000lm | 133 lm/W | 40200lm | 134 lm/W |
| | 120-277V/347-480V | 4 | 39600lm | 132 lm/W | 39900lm | 133 lm/W |
| | 120-277V/347-480V | 5 | 41400lm | 138 lm/W | 41700lm | 139 lm/W |

ELECTRICAL DATA

| NUMBER OF DRIVERS | DRIVER CURRENT (MA) | NOMINAL POWER (W) | INPUT VOLTAGE (V) | CURRENT (AMPS) |
|-------------------|---------------------|-------------------|-------------------|----------------|
| 1 | 980 | 40 | 120 | 1.25 |
| | | 40 | 208 | 0.72 |
| | | 40 | 240 | 0.63 |
| | | 40 | 277 | 0.54 |
| | | 45 | 347 | 0.43 |
| | | 45 | 480 | 0.31 |
| 1 | 1720 | 70 | 120 | 1.25 |
| | | 70 | 208 | 0.72 |
| | | 70 | 240 | 0.63 |
| | | 70 | 277 | 0.54 |
| | | 75 | 347 | 0.43 |
| | | 75 | 480 | 0.31 |
| 1 | 2450 | 100 | 120 | 1.25 |
| | | 100 | 208 | 0.72 |
| | | 100 | 240 | 0.63 |
| | | 100 | 277 | 0.54 |
| 1 | 3900 | 150 | 120 | 1.25 |
| | | 150 | 208 | 0.72 |
| | | 150 | 240 | 0.63 |
| | | 150 | 277 | 0.54 |
| | | 150 | 347 | 0.43 |
| | | 150 | 480 | 0.31 |
| 1 | 5100 | 200 | 120 | 1.25 |
| | | 200 | 208 | 0.72 |
| | | 200 | 240 | 0.63 |
| | | 200 | 277 | 0.54 |
| | | 200 | 347 | 0.43 |
| | | 200 | 480 | 0.31 |
| 1 | 6400 | 250 | 120 | 1.25 |
| | | 250 | 208 | 0.72 |
| | | 250 | 240 | 0.63 |
| | | 250 | 277 | 0.54 |
| | | 250 | 347 | 0.43 |
| | | 250 | 480 | 0.31 |
| 1 | 6000 | 300 | 120 | 1.25 |
| | | 300 | 208 | 0.72 |
| | | 300 | 240 | 0.63 |
| | | 300 | 277 | 0.54 |
| | | 300 | 347 | 0.43 |
| | | 300 | 480 | 0.31 |



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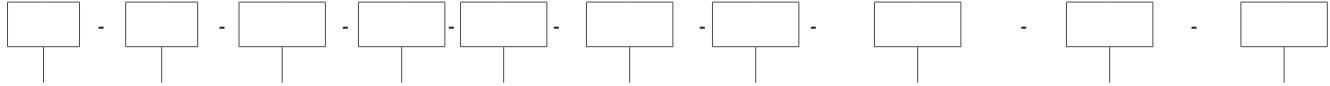
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FEATURES

- » Rugged one-piece, die-cast aluminum housing secures the thermally conductive LED panel and electrical chamber
- » Low profile, 3G vibration rated compact design minimizes wind load requirements.
- » Housing is completely sealed against moisture and environmental contaminants (IP65).
- » Available in IES Type III, IV, V distributions
- » Light engines are available in standard 4000K and 5000K (70 CRI) configurations.
- » Scalable Lumen Packages from 5,360 to 41,700 Lumens replaces up to 1000W Metal Halide.
- » Optics are precisely designed to shape the distribution, maximizing efficiency and application spacing. For the ultimate level of spill light control, an optional house-side shield accessory can be field or factory installed.
- » The optics can conform to dark sky requirement.
- » 0-10V Dimming is Standard, ASHREA 90.1, 2018 State of Ohio building code compliant 100,000 hour L70 Lifetime
- » 5 Year warranty Guarantee

ORDER MATRIX



| Fixture Type | Wattage | Voltage | Dimming | Color Temp | Finish | Optics | Mounting | Motion Sensor | Photocell (Option) |
|--------------|--|-------------------------------------|----------------|--|-----------------------|---|--|--|---------------------|
| ML04 | 40 40W 45 45W 70 70W 75 75W 100 100W 150 150W 200 200W 250 250W 300 300W | UNV 120-277V 48V 347-480V | D 0-10V | 30K 3000K 40K 4000K 50K 5000K | DB Dark Bronze | T3 Type III T4 Type IV T5 Type V | PM Square/ Round Pole WM Wall Mount SP Slipfitter | MS Motion Sensor N None | PS Photocell |

POLE BRACKET • For mounting one fixture on an existing pole

| | | | |
|--|---|--|--|
| | <p>4\" Square Pole Mount with 2-3/8\" O.D. Tenon No. 4SQ-SP-D Finish: Dark Bronze USE: For use with square, non-tapered steel and aluminum poles. Furnished with four 5/16\" hex head stainless-steel bolts. Vertical tenon measures 2-3/8\" O.D., and is made of steel tubing. Fixtures mounted to this bracket can be adjusted both vertically and horizontally.</p> | | <p>4\" Round Pole Mount with 2-3/8\" O.D. Tenon No. 4SQR-SP-D Finish: Dark Bronze USE: For use with Round, non-tapered steel and aluminum poles. Furnished with three 3/8\" hex head stainless-steel bolts. Vertical tenon measures 2-3/8\" O.D., and is made of steel tubing. Fixtures mounted to this bracket can be adjusted both vertically and horizontally.</p> |
| | <p>5\" Square Pole Mount with 2-3/8\" O.D. Tenon No. 5SQ-SP-D Finish: Dark Bronze USE: For use with square, non-tapered steel and aluminum poles. Furnished with four 5/16\" hex head stainless-steel bolts. Vertical tenon measures 2-3/8\" O.D., and is made of steel tubing. Fixtures mounted to this bracket can be adjusted both vertically and horizontally.</p> | | <p>5\" Round Pole Mount with 2-3/8\" O.D. Tenon No. 5SQR-SP-D Finish: Dark Bronze USE: For use with Round, non-tapered steel and aluminum poles. Furnished with three 3/8\" hex head stainless-steel bolts. Vertical tenon measures 2-3/8\" O.D., and is made of steel tubing. Fixtures mounted to this bracket can be adjusted both vertically and horizontally.</p> |
| | <p>Pole Bracket accessories-Tenon & Yoke Adaptor NO. SP-TR-D Finish: Dark Bronze USE: The 2-3/8\" OD Tenon Mount Adaptor for Yoke Fixtures is designed to mount MESTER light fixtures that are equipped with a yoke mount onto a 2-3/8\" OD tenon. It may be utilized with the Mester Flood Light Series of light fixtures.</p> | | |

WALL BRACKET

- Attaches to any flat surface • Provides wiring access

| | | | |
|--|---|---------------------------------|---|
| | <p>90° Wall Mount Bracket with 2-3/8\" O.D. Tenon NO. WM-SP-D Finish: Dark Bronze USE: The 90° wall mount bracket with 2-3/8\" tenon attaches an MESTER floodlight to almost any surface: wall, roof, or wood pole. Provides wiring access and abuilt-in 2-3/8\" Ø. tenon to mount a fixture with our adjustable slipfitter. Suggested 3/8\" diameter bolts for mounting. Mounting holes are spaced 3-1/4\" apart.</p> | <h3>MID-POLE TENON BRACKET</h3> | <p>2-3/8\" OD Horizontal Tenon Mid-Pole Bracket NO. SQ-SP-D Finish: Dark Bronze USE: 2-3/8\" OD Horizontal Tenon Mid-Pole Bracket is designed to mount light fixture that is equipped with an adjustable slipfitter onto a 2-3/8\" OD horizontal tenon</p> |
|--|---|---------------------------------|---|



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ROUND EXTERNAL MOUNT HORIZONTAL TENON • To mount 2/3/4 fixtures on a existing pole

| | | | |
|--|--|--|--|
| | <p>Double 90° Horizontal Tenon Adaptor NO. R60-SP2-90-D Finish: Dark Bronze USE: The Bracket is designed to mount over 2-3/8" (60mm) Q.D. vertical tenon. Two fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally</p> | | <p>Triple 120° Horizontal Tenon Adaptor NO. R60-SP3-120-D Finish: Dark Bronze USE: The Bracket is designed to mount over 2-3/8" (60mm) Q.D. vertical tenon. Three fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally</p> |
| | <p>Double 180° Horizontal Tenon Adaptor NO. R60-SP2-180-D Finish: Dark Bronze USE: The Bracket is designed to mount over 2-3/8" (60mm) Q.D. vertical tenon. Two fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally</p> | | <p>Quad 90° Horizontal Tenon Adaptor NO. R60-SP4-90-D Finish: Dark Bronze USE: The Bracket is designed to mount over 2-3/8" (60mm) Q.D. vertical tenon. Four fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally</p> |
| | <p>Triple 90° Horizontal Tenon Adaptor NO. R60-SP3-90-D Finish: Dark Bronze USE: The Bracket is designed to mount over 2-3/8" (60mm) Q.D. vertical tenon. Three fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally</p> | | |



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