Features

- The one piece die-cast aluminum housing with UV resistant polycarbonate optical lens, outstanding corrosion protection.
- Voltage is 120-277V
- Suitable for mounting heights ranging from 18-36' in area lighting applications
- Lumen output from 9000-39000lm with efficacy up to 135lm/W.
- Round pole and square pole mounting, direct wall mounting, slipfitter mounting options available
- Long lasting with lifespan 50,000 hrs
- Fixtures are IP66 rated and suitable for use in ambients from -40 °C to 45 °C (-40 °F to 113 °F).
- Various distribution patterns including Type III
- UL Wet location listed
- Bronze Finish

Applications

- Auto dealerships, parking lots, walkways, roadways, campuses, facade lighting, grocery stores and other public areas.

Photocontrol
Optional photocontrol allows for further energy saving.

Housing
Features a compact, one-piece die cast housing, saving costs versus models that are extruded or cast and require additional parts. The heat sink is included in the actual casting, further minimizing the need for additional parts.

Standard Arm Mount
The design features an integral arm, increasing strength and simplifying installation.

LED Light Engine
IP66 rated LED light engine eliminates the need for a glass lens for maximum light output. Use of latest generation LEDs means more light from fewer LEDs, resulting in lower costs.

PIR Sensor
Optional PIR sensor allows for security and energy saving.

Saylite
2055 Luna Rd. Suite 142 Carrollton, TX 75006
Phone: 972-247-3171 Fax: 972-247-0200
www.saylite.com email: sales@saylite.com

Catalog Number:

Notes:
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 more MESTER mounting adaptors such as Tenon, suits for various application)

Mounting Options

Arm Mount (4” and 5” Square and Round poles)
Standard versatile mounting arm is simple to install and can be used with existing poles for retrofit installations.

Slipfitter Mount
An optional cast aluminum mast arm adapter secures fixture head to nominal 2”(2-3/8” O.D. pipe size) horizontal steel tenon arm.

Wall Mount
Wall Mount is easy to install for direct wall mounting with 1/2” conduit wiring or standard J-box mounting

EPA of Area Light

<table>
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<tr>
<th>Item</th>
<th>70W/105W</th>
<th>150W/200W</th>
<th>300W</th>
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<tr>
<td>1</td>
<td>0.626</td>
<td>0.742</td>
<td>0.847</td>
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<tr>
<td>2 @90°</td>
<td>0.705</td>
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<td>2 @180°</td>
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<td>1.634</td>
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<td>4 @90°</td>
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<td>1.167</td>
<td>1.636</td>
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Additional Mounting Accessories

**POLE BRACKET**  • For mounting one fixture on an existing pole

4” Square Pole Mount with 2-3/8” O.D. Tenon
No. TVM4D
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.

5” Square Pole Mount with 2-3/8” O.D. Tenon
No. TVM5D
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.

**WALL BRACKET**  • Attaches to any flat surface  • Provides wiring access

90° Wall Mount Bracket with 2-3/8” O.D. Tenon
No. WMVD
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 abuts in a 2-3/8” O.D. tenon to mount a fixture with our adjustable slipfitter. Suggested 3/8” diameter bolts for mounting. Mounting holes are spaced 3-1/4” apart.

Bracket with 2-3/8” O.D. Tenon
No. TVM4TRD
Finish: Dark Bronze
USE: The 2-3/8” OD Tenon Mount Adaptor for Yoke Fixtures is designed to mount Techlight light fixtures that are equipped with a pole mount onto a 2-3/8” OD tenon. 2” slipfitter adaptor for MESTER floodlights with trunnion Does on 2” pipe and accepts a trunnion fixture.
PLF Series

Dimension
unit: inch/mm

Wall Mount (70-105W)

Slipfitter Mount (70-105W)

Pole Mount (70-105W)

Wall Mount (150-200W)

Slipfitter Mount (150-200W)

Pole Mount (150-200W)

Wall Mount (300W)

Slipfitter Mount (300W)

Pole Mount (300W)

PLF15L100W20000LDMV

PLF15L200W24000LDMV

Photometrics

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Catalog Number:
Notes:
# ORDERING INFORMATION

<table>
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<tr>
<th>PLF</th>
<th>12L</th>
<th>105W13400L</th>
<th>DMV</th>
<th>50K</th>
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<tr>
<td><strong>PLF Series</strong></td>
<td><strong>Size</strong></td>
<td><strong>Wattage and Lumen</strong></td>
<td><strong>Driver</strong></td>
<td><strong>Kelvin Temperature</strong></td>
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Example: **PLF12L105W134000LDMV50K**