Specifications

Dimensions - Electronic Ballast

WP9LE
Large Electronic Ballast
250 to 400 watt PMH Mogul Base Lamps

EPA: .95

Maximum weight: 35 lb. electronic

Housing: One-piece die-cast, low copper (<0.6% Cu) aluminum alloy with integral cooling ribs over the electrical compartment. Solid barrier wall separates optical and electrical compartments. A single die-cast aluminum cam-latch provides positive locking and sealing of the optical chamber. A one-piece extruded and vulcanized silicone gasket seals the housing against the lens surface.

Electronic Ballast Module: One-piece die-cast, low copper (<0.6% Cu) aluminum alloy with integral cooling ribs over exposed bottom surface. Integral hinges and slide latch with stainless steel hardware provides no-tool mounting and removal from housing. All electronic components are UL and CSA recognized and mounted directly to the ballast tray for maximum heat dissipation.

Lens: Clear ½" thick tempered glass lens retained by a stainless steel piano hinge and a single die-cast aluminum cam-latch. The edges are camouflaged to conceal the outer portion of the housing.

Reflector Module: High specular optical segments are rigidly mounted within carrier plates to maintain form. No fasteners are placed on the reflective surface. The entire assembly is rotatable in 90° increments and fastened to the housing as a one-piece module. The appropriate socket is rigidly attached to the reflector module.

Support Arm: Heavy cast, low copper aluminum alloy with stainless steel mounting bolts. A pole reinforcing plate is provided with wire strain relief. Arm is circular cut for specified round pole.

Finish: Super TGIC thermoset polyester powder coat paint, 2.5 mil nominal thickness, applied over a titanated zirconium conversion coating: 2500 hour salt spray test endurance rating. Standard colors are Black, Dark Bronze, Stealth Gray™, Platinum Silver, or White. Custom colors are available.

CAUTION: Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury.

Listings and Ratings

<table>
<thead>
<tr>
<th>UL cUL 1598</th>
<th>CE</th>
<th>IP66 Rated</th>
<th>25C Ambient</th>
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*Suitable for wet locations.

KIM LIGHTING RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.
### Standard Features

#### Mounting

<table>
<thead>
<tr>
<th>Configuration</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>3Y</td>
<td>3Y configuration is available for round poles only.</td>
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</tbody>
</table>

#### Plan View:

- Horizontal Lamp
- Wall Mount

#### EPA:

<table>
<thead>
<tr>
<th>Type II</th>
<th>Type III</th>
<th>Type IV</th>
<th>Type V</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.95</td>
<td>1.9</td>
<td>1.47</td>
<td>2.4</td>
</tr>
<tr>
<td>2.4</td>
<td>2.4</td>
<td>2.7</td>
<td>n/a</td>
</tr>
</tbody>
</table>

#### Cat. No.:

- WP9LE2
- WP9LE3
- WP9LE4
- WP9LE5

#### Horizontal Lamp

- Light Distribution:
  - Type II: Full Cutoff
  - Type III: Full Cutoff
  - Type IV: Forward Throw
  - Type V: Full Cutoff

#### Cat. No.:

- WP9LE2
- WP9LE3
- WP9LE4
- WP9LE5

#### Electrical Module

**PMH** = Pulse Start Metal Halide

- Lamp: BT-28, Clear
- Socket: Mogul Base
- ANSI Ballast: M138 or M153

**PMH** = Pulse Start Metal Halide

- Lamp: BT-28, Clear
- Socket: Mogul Base
- ANSI Ballast: M133, M155, or M172

**PMH** = Pulse Start Metal Halide

- Lamp: BT-28, Clear
- Socket: Mogul Base
- ANSI Ballast: M135, M155, or M172

#### Finish

Super TGIC powder coat paint over a titanated zirconium conversion coating.

- Color: Black, Dark Bronze, Stealth Gray, Platinum Silver, White, Custom Color

[Custom colors subject to additional charges, minimum quantities and extended lead times. Consult representative. Custom color description: ]

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Optional Features

Wall Mounting
Cat. No. 1W
Select from Mounting on page 2.

A cast aluminum mounting plate is mounted to the wall with four bolts (by others). Fixture and arm are mounted to the cast aluminum cover plate before attaching to the wall mounting plate. The fixture-arm-cover plate assembly is hooked to the wall mounting plate and secured with stainless steel screws provided. Field splices are made at the opening in the cover plate. Cover is finished to match arm and fixture color.

Fusing (internal only):
Cat. No. (see chart at right)
❏ No Option

High temperature fuse holders factory installed inside the fixture housing. Fuse is included.

Line Volts: 120V 208V 240V 277V
Cat. No.: ❏ SF ❏ DF ❏ DF ❏ SF

Photocell Controls
Cat. Nos. Receptacle
❏ A-25 Line Button Volts
❏ A-30 - 120V
❏ A-31 - 208V
❏ A-32 - 240V
❏ A-33 - 277V
❏ No Option

Two types of photocell controls are available. A receptacle for a NEMA base photocell or an internal photocell button sensor on the side of the fixture.

Mounting (see page 2)

* – Fixture with Photocell Receptacle
S – slave unit(s)

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<thead>
<tr>
<th></th>
<th>1A, 1W</th>
<th>2B</th>
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<tbody>
<tr>
<td>1W</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2L</td>
<td>3T, 3Y</td>
<td>4C</td>
</tr>
<tr>
<td>150-400W</td>
<td>150-250W</td>
<td>400W</td>
</tr>
</tbody>
</table>

Allowable wattage per fixture:

Polycarbonate Lens
Cat. No. ❏ SLX ❏ No Option

One-piece vacuum formed advanced polymer enclosure replaces standard tempered glass lens.

CAUTION: Use only when vandalism is anticipated to be high.

Houseside Shield
Cat. No. ❏ HS ❏ No Option

Stamped aluminum louvers that pass streetside light and block houseside light. Recommended for use with clear lamps only. Effectiveness is reduced for coated lamps.

Note: For use with Types II, III, or IV distributions only.
Optional Features

Neighbor Friendly Shield
Cat. No.  ❑ NFS  ❑ No Option

(Type IV only) Stamped internal shield and blocking panels are used to direct and redirect lighting into a forward throw distribution. The amount of light directed and redirected toward the back of the luminaire is dramatically reduced to create extremely low glare behind the pole. Only available on the Type IV reflectors.

Tamper-Resistant Latch
Cat. No.  ❑ TL  ❑ No Option

Standard die-cast latch is provided with a captive 10-32 stainless steel flat socket-head screw to prevent unauthorized opening.

NOTE: Required only for vandal protection in locations where fixtures can be reached by unauthorized persons.

Horizontal Slipfitter Mount
Cat. No.  ❑ HSF  ❑ No Option

Replaces standard mounting arm with a cast aluminum fitter to adapt to a horizontal 2” pipe-size mounting end (2¾” OD). The casting has a 5° adjustment to accommodate davit arms that are not horizontal. Horizontal pipe must be field drilled at one set screw location to insure against fixture rotation. Finish to match fixture color.

Vertical Slipfitter Mounts
Cat. No. includes Mounting
Cat. No.  (See right)  ❑ No Option

Allows fixture or fixtues with standard mounting arm to mount to a pole with a 2” pipe-size tenon (2¾” OD). Minimum 4” tenon length required.

Specify configuration (1SA, 2SB, 3ST, 3SY, 4SC) 4” round or square aluminum with flush cap. Finish to match fixture and arm.

NOTE: 3SY only available on round slipfitter.

Special Options for Street Lighting
Cat. No.  ❑ TB  ❑ No Option

Terminal Block (TB): For field wire connections in the Large model only. 85AMP, 600V box clamp terminal block mounted to the housing inside the electrical compartment. Accepts #14 to #4 wire sizes. Factory prewired to electrical module quick-disconnect plug.