Roadway Lighting
M-400 (MSRL & MSRA)
Product Features

From HID to LED, GE continues to push Roadway Lighting to new heights. Recognized for the highest quality and reliability in street, highway, parkway, and commercial applications, GE offers a wide selection of styles to meet the lighting needs of municipalities, utilities, DOT customers and more.

Applications
- For street, highway, parking lot and area lighting

Housing
- Die-cast aluminum housing.
- External paddle type stainless steel bail latch

Finish
- Polyester powder gray paint finish

Ratings
- listed for wet location available

Mounting
- Universal two or four-bolt slipfitter
- Metal pest guard standard (not required for 2 in. pipe mounting)

Reflectors
- Standardized reflector

Unique Features
- Adjustable mogul base socket (house side) – E39 standard
- Plug-in ignitor standard
- “Dead back” tunnel type terminal board
- No-tool PE receptacle
### Ordering Number Logic

**M-400 (MSRL & MSRA)**

**All Metal Halide versions and their associated options are no longer available effective January 1, 2017**

### Ballast Selection Table

<table>
<thead>
<tr>
<th>Wattage</th>
<th>Light Source</th>
<th>Ballast Type/Voltage 60Hz</th>
<th>Voltage</th>
<th>IES Distribution Type</th>
<th>Ballast Type/Voltage 50Hz</th>
</tr>
</thead>
<tbody>
<tr>
<td>208</td>
<td>240</td>
<td>277</td>
<td>480</td>
<td>120X240</td>
<td>347**</td>
</tr>
<tr>
<td>220</td>
<td>230</td>
<td>240</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>250/400</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
</tr>
</tbody>
</table>

**NOTE:** N/A = Not available.  *Not available in 120 X 347. **Not available in 200 watt or 310 watt.  C/F = Contact Manufacturer

### Photometric Selection Table

**Glass Prismatic Refractor**

All light sources are clear unless otherwise indicated.

<table>
<thead>
<tr>
<th>Wattage</th>
<th>Light Source</th>
<th>IES Distribution Type</th>
<th>Photometric Curve Number 35-60</th>
<th>Semi-Cutoff</th>
<th>Cutoff</th>
<th>Polycarbonate</th>
</tr>
</thead>
<tbody>
<tr>
<td>150 (55V)</td>
<td>HPS</td>
<td>450395</td>
<td>450394</td>
<td>N/A</td>
<td>450393</td>
<td>N/A</td>
</tr>
<tr>
<td>200-400</td>
<td>HPS</td>
<td>451012</td>
<td>451013</td>
<td>451014</td>
<td>N/A</td>
<td>451016</td>
</tr>
</tbody>
</table>

**NOTE:** N/A = Not available  C/F = Contact Manufacturer
**MSRL – Suggested Catalog Ordering Numbers**

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Wattage</th>
<th>Light Source</th>
<th>Voltage (60 Hz)</th>
<th>Ballast Type</th>
<th>Refractor Type</th>
<th>Photometric Distribution</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSRL25S0A22RMS3</td>
<td>250</td>
<td>HPS</td>
<td>Multivolt</td>
<td>Auto-Regulator</td>
<td>Glass</td>
<td>MS3</td>
</tr>
<tr>
<td>MSRL40S0A22RMS3</td>
<td>400</td>
<td>HPS</td>
<td>Multivolt</td>
<td>Auto-Regulator</td>
<td>Glass</td>
<td>MS3</td>
</tr>
</tbody>
</table>

All GE suggested catalog ordering numbers come with PE receptacle. PE control must be ordered separately. Order and install SCCL-PECTL if no PE is desired.

Multivolt ballasts can be for either 120, 208, 240, or 277 volt incoming power supply.

**Product Dimensions**

**TOP VIEW**

Adjustable for 1-1/4 in. to 2 in. Pipe (MSRL only)

(1.660 in. [42 mm] to 2.375 in. [60 mm] O.D.)

**DATA**

- Approximate Net Weight: 33-39 lbs (15-18 kgs)
- Effective Projected Area: 1.4 sq. ft. max. (0.13 sq. M max.)
- Suggested Mounting Height: 30-50 ft. (9-15 M)

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