Hazardous Location Lighting

Powr-Gard™ (H9)
Product Features

GE offers Hazardous Location Lighting for a variety of adverse environments. Rugged construction provides long life and reliable performance, combined with a range of optical and mounting options to provide light where it is needed.

Applications
- For adverse, severe duty and hazardous classifications (HID lamps) Suitable for wet locations

Housing
- Standard construction is IP65

Finish
- Polyester powder gray paint finish

Ratings
- Outdoor Salt Water (formerly UL595) Listed [OPTIONAL]
- UL844 Listed
  - Class I, Division 1, Groups C and D (For paint spray area fixture, see Options)
  - Class II, Division 1, Groups E, F and G

Mounting
- Multiple mounting arrangements
- Mounting adapter and safety disconnect

Reflector
- ALGLAS® finish on external accessory reflectors

Unique Features
- Maxi-Lux® guard
- Acme threads
- NEMA decal
- Low copper aluminum alloys
- Computer-designed globe
- Mogul base socket
- Shipped as components: Ballast, Optical, Mounting and Accessories

NOTE:
Please reference Temperature Profile Data to properly select Luminaire. This information can be found at gelightingsolutions.com on each Hazardous Lighting product page under Technical Resources.
Ordering Number Logic
Powr-Gard™ (H9)

Ballast Selection Table

Maximum ambient temperature is 55°C unless otherwise indicated.

### Wattage/Light Source/Ballast Type Voltage

<table>
<thead>
<tr>
<th>Wattage</th>
<th>Light Source</th>
<th>Multivolt</th>
<th>120</th>
<th>208</th>
<th>240</th>
<th>277</th>
<th>480</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td>HPS</td>
<td>L</td>
<td>L</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>70</td>
<td>HPS</td>
<td>L</td>
<td>K</td>
<td>L, S</td>
<td>K</td>
<td>L</td>
<td>S</td>
</tr>
<tr>
<td>100</td>
<td>MH</td>
<td>M</td>
<td>M</td>
<td>M**</td>
<td>M</td>
<td>M</td>
<td>M</td>
</tr>
<tr>
<td>150</td>
<td>MH</td>
<td>M**</td>
<td>N</td>
<td>M**</td>
<td>M**</td>
<td>M**</td>
<td>M**</td>
</tr>
<tr>
<td>175</td>
<td>EPMH</td>
<td>E</td>
<td>E</td>
<td>E</td>
<td>E</td>
<td>E</td>
<td>E</td>
</tr>
<tr>
<td>250</td>
<td>EPMH</td>
<td>E</td>
<td>E</td>
<td>E</td>
<td>E</td>
<td>E</td>
<td>E</td>
</tr>
<tr>
<td>400</td>
<td>EPMH</td>
<td>E</td>
<td>E</td>
<td>E</td>
<td>E</td>
<td>E</td>
<td>E</td>
</tr>
</tbody>
</table>

SUSPENDED VERSION ONLY
MM = No mounting included
MC = 3/4-in. Ceiling
MP = 1 1/16-in. Mounting plate
RP = 1-in. Rigid Pendant
WP = 1-in. Wall
MJ = 1-1/4-in. Angle stanchion
JN = 1-1/4-in. Straight stanchion
NOTE: *Non-rigid support such as sway joint. Ballast housing is counterweighted to hang straight. Mounting component furnished is standard pendant (SP or 4P). ORDER BALLAST TYPE VOLTAGE.

### Optical Eligibility and Photometric Selection Table

<table>
<thead>
<tr>
<th>UL844</th>
<th>70-150W HPS</th>
<th>200-400W HPS</th>
<th>100W, 175W, 250W EPMH</th>
<th>400W EPMH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Globe and guard JJJI</td>
<td>X</td>
<td>176423</td>
<td>176453</td>
<td>176415</td>
</tr>
<tr>
<td>Globe and guard JJJI and dome reflector (H9000-001)</td>
<td>X</td>
<td>176424</td>
<td>176452</td>
<td>176417</td>
</tr>
<tr>
<td>Globe and guard JJJI and angle dome reflector (H9000-002)</td>
<td>X</td>
<td>176421</td>
<td>176456</td>
<td>176445 for 100W, 175W, 250W</td>
</tr>
<tr>
<td>Globe and guard JJJI and deep dome reflector (H9000-006)</td>
<td>X</td>
<td>177102</td>
<td>177035</td>
<td>177060</td>
</tr>
</tbody>
</table>

Power•Gard Floodlight Luminaire Globe and guard JJJI and deep dome reflector (H9000-006)

| Angle Stanchion (SJ) with globe and guard (JJ) | X | 176621 | 179148 | 176627 | 176649 |
| Angle Stanchion (SJ) with globe and guard (JJ) and dome reflector (H9000-001) | X | 176622 | 176492 | 176628 | 176641 |
| Angle Stanchion (SJ) with globe and guard (JJ) and angle dome reflector (H9000-002) | X | 176625 | 179147 | 176630 | 176643 |

NOTE: C/F = Contact factory
N/A = Not Available
You must use temperature profile data to properly select luminaire.

*Class I Only

### CANADIAN NOTES:
Use Power-Gard C9 luminaire.

### Ballast Type

K = Hot Restart (HPF Reactor Type)
L = High Pressure Sodium HPF Reactor and Lag
E = Energy Act Compliant Pulse MH (EPMH)
S = High Pressure Sodium Mag-Reg or Autoreg

N/A = Not Available
*Medium Base (E-26) Socket Standard
**M = HPF-Lag, P = Auto-Reg

Note: Contact Factory for PMH (Pulse Metal Halide) Restrictions and Limitations.
## Product Dimensions

### Powr-Gard™ (H9)

### DATA

<table>
<thead>
<tr>
<th>Wattage</th>
<th>Approximate Net Weight (lbs)</th>
<th>Approximate Net Weight (kgs)</th>
<th>Globe</th>
<th>Approximate Net Weight (lbs)</th>
<th>Approximate Net Weight (kgs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td>14.5</td>
<td>7</td>
<td>Ceiling 3/4-inch=3C 1-inch=4C</td>
<td>3.3</td>
<td>1</td>
</tr>
<tr>
<td>70</td>
<td>16.5-21.5</td>
<td>7-11</td>
<td>Straight Stanchion 1-1/4-inch=SS</td>
<td>3.8</td>
<td>1.5</td>
</tr>
<tr>
<td>100</td>
<td>15.5-22.5</td>
<td>7-10</td>
<td>Wall 3/4-inch=3W 1-inch=4W</td>
<td>6.4</td>
<td>2.4</td>
</tr>
<tr>
<td>150 55V</td>
<td>14.5-24.5</td>
<td>7-11</td>
<td>Pendant and Flexible Pendant 3/4-inch=3F or 3P 1-inch=4F or 4P</td>
<td>2.0</td>
<td>0.9</td>
</tr>
<tr>
<td>100</td>
<td>17.5</td>
<td>8</td>
<td>Angle Stanchion 1-1/4-inch=SJ</td>
<td>3.8</td>
<td>1.5</td>
</tr>
<tr>
<td>175</td>
<td>17.5-19.5</td>
<td>8-9</td>
<td>Floodlight Trunnion 3/4-inch=3T 1-inch=4T</td>
<td>8.5</td>
<td>3.2</td>
</tr>
<tr>
<td>200</td>
<td>25.5</td>
<td>12</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>250</td>
<td>20.6-26.5</td>
<td>9-12</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>400</td>
<td>19.5-26.5</td>
<td>9-12</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NOTE:** Does not include mountings or opticals.

### LUMINAIRE

### STRAIGHT STANCHION MOUNTING

### ANGLE STANCHION MOUNTING

### WALL MOUNTING

### FLOODLIGHT TRUNNION MOUNTING

### PENDANT & FLEXIBLE PENDANT MOUNTING

### GLOBE