Perimaliter® Wallpacks
Perimaliter III PVL3 / PGM3 • Perimaliter II PGL

Solutions for Perimeter/Area Lighting
The Perimaliter wallpack has been the design leader in refractor wallpacks for the past 20 years. The construction, optical characteristics and quality manufacture make the Hubbell Perimaliter the most desired refractor solution for perimeter/area lighting from a wall mount. Perimaliter III PVL3 and PGM3 features:

**Energy-Saving LED**
- LED units provide 60-70% energy savings over traditional wallpack systems producing up to 128LPW (lumens per watt)
- PVL3 LED and PGM3 LED uses only 32w (350mA) or 72w (700mA)
- Lateral spread allows typical spacing of three to four times mounting height with excellent uniformity
- PGM Produces over 4100 lumens out of the fixture at nominal 5000K with asymmetric distribution for typical mounting heights of 10-15 feet
- Available in 4000K and 5000K color temperature

**Wire Access**
- UL required 1.75” minimum back opening for wiring access and inspection
- Side 1/2” hubs for feed thru surface conduit
- Top 1/2” hub for conduit or button photo control

**Refractor Selection**
- Vandal resistant polycarbonate (PVL)
- Borosilicate glass (PGL)

**Perimaliter® III PVL3**

**Vandal Resistant – High Performance Wallpack**

**Refractor/Door Assembly**
- One-piece injection molded UV stabilized polycarbonate
- Energy-saving LED and HID systems up to 150w
- Sharp prism design – Distributes lumens at exact angles, engineered for spacings up to 6 times mounting height
- Dark Bronze finish is painted on inside of door so projectile impacts will not mar the appearance
- Four point door compression provides seal against moisture and insects, certified for wet locations
- HubbellGard™ fasteners have external coating to prevent chemical interaction in the cast aluminum housing, allows easy service and eliminates screw “Freezing” or “Bonding”
- New improved bottom hinges have been strengthened for durability and years of maintenance-free operation

**LED System**
A thirty LED light engine produces over 4100 lumens at 5000K with asymmetric distribution. Optional 10KA surge protection available as an option.

**Polycarbonate Refractor**
One-piece front, impact resistant, sharp prism performance.

**Heavy Duty Hinges**
NEW – Two-piece hinge design provides increased strength – resists shipping/installation/maintenance damage.

**1/2” Conduit Hubs**
1/2” tapped hubs with gasketed plug. PVL3 and PGM3 feature two side hubs and one top hub for superior access.
**Lighting Distribution**
- Vertical HID lamp reduces “Hot spot” beneath fixture and provides more lateral lumens for better uniformity
- Wide lateral spacing allows less fixtures to be installed or provides greater light levels and uniformity from closer mounting locations

**Results**
- Vertical illumination fills application space, increasing pedestrian perception of safety and security
- Eliminates dark walls and “hiding” places

**Certified**
- Listed to UL1598 for use in wet locations

---

**Perimaliter® III PGM3**

**Glass Refractor Wallpack for Wide Spacing Applications**

**Refractor/Door Assembly**
- Borosilicate glass refractor, non-yellowing
- Energy-saving LED and HID systems up to 250w
- Engineered for spacings up to 6 times mounting heights
- Glass is silicone sealed to die-cast aluminum door
- 800 series polyester powder paint provides rugged, lasting appearance; Multiple finish selections available
- Four point door compression closure provides seal against moisture and insects, certified for wet locations
- HubbellGard™ fasteners have external coating to prevent chemical interaction on the cast aluminum housing, allows easy service while eliminating screw “Freezing” or “Bonding”
- Robust bottom hinges for durability and years of maintenance free operation

---

**Button Photo Control Accessory**
- Top hub makes PBT Photo control installation easy.

**Secure Mounting**
- Two back knockouts 9” on center for rigid installation, 1.75” rear wire access with grommet.

**Borosilicate Glass Refractor**
- Heat resistant, non-yellowing prism design for wide spacing.

**Ballast Assembly (HID only)**
- Identification and electrical data clearly presented on ballast cover inside fixture door. Medium base-up socket provides maximum light output, life and uniformity.
The PGL family provides higher wattage systems for typical mounting heights of 20-30 feet. This series has many of the same features as the smaller Perimaliter III series and shares the same door and borosilicate glass refractor with the PGM3. The housing is nearly 2” deeper to accommodate the higher wattage ballast systems.

**Wiring Access**
The PGL has the same ½” wiring hubs on each side but the PBT button photo control hub is located on the left side (as you face the unit).

**Optics**
All sockets are vertical, mogul base.

**Systems**
PGL is available in 250w and 350w PSMH

**Typical Photometrics – 150 PSMH at 15 feet**

- **Vertical Lamp Perimaliter®** – Wide lateral spacings 6 times mounting height for 1 FC minimum between fixtures
- **Horizontal Lamp Wallpack** – Mostly forward throw 4 times mounting height spacing for 1FC minimum between fixtures
Perimaliter® III PVL3

- One-piece removable polycarbonate lens/door assembly, internally painted for lasting appearance
- 6-to-1 spacing to mounting height ratio; Two HubbellGard® fasteners provide weathertight seal to housing
- Die-cast aluminum housing for rugged mounting and heat dissipation; 1/2” feed-thru hubs and top photo control hub provided for field installations; standard mount over recessed wiring boxes
- Specular reflector, vertical lamp and refractor combine for efficient and uniform perimeter lighting
- Energy-saving LED and HID systems
- For HID socket is porcelain medium base with spring-loaded center contact
- Listed to UL 1598 for use in wet locations

Ordering Information

<table>
<thead>
<tr>
<th>FAMILY</th>
<th># LEDS</th>
<th>CCT</th>
<th>DRIVER OUTPUT</th>
<th>VOLTAGE</th>
<th>FIXTURE COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>PVL3</td>
<td>180L</td>
<td>3K</td>
<td>BLANK 700mA</td>
<td>U1 120V-277V</td>
<td>DB: Dark Bronze Textured</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4K</td>
<td>035 350mA</td>
<td>1 120V</td>
<td>BL: Black Textured</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5K</td>
<td></td>
<td>2 208V</td>
<td>WH: White Textured</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3 240V</td>
<td>GR: Gray Textured</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>4 277V</td>
<td>PS: Platinum Silver Smooth</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>5 480V</td>
<td>CC: Custom Color</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>F 347V</td>
<td></td>
</tr>
</tbody>
</table>

1 Voltage specific option, designate in voltage field, PC not available in 480V
2 0-10V fully adjustable dimming with automatic daylight calibration and different time delay settings, must order minimum of one remote to program dimming settings, 120V or 277V only
3 BBU available in 120V or 277V only
4 PC option not applicable, included in sensor
5 PVL3 only available in Bronze and White fixture colors

PVL3-150S-18-BZ-L 150 HPS Quad Tap AL-HPF Yes 20 (9.0)
PVL3-150S-51-BZ-L 150 HPS 120NPF HX-NPF Yes 7 (3.1)

Dimensions

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>14 7/8&quot;</td>
<td>15&quot;</td>
<td>8&quot;</td>
<td>7 1/16&quot;</td>
</tr>
<tr>
<td>(378 mm)</td>
<td>(381 mm)</td>
<td>(203 mm)</td>
<td>(189 mm)</td>
</tr>
</tbody>
</table>

Accessories - Order Separately

- PBT-1 Photo control, button type, 120V
- PBT-234 Photo control, button type, 208, 240, 277V
- PVL3V Full cut-off visor, formed aluminum, Bronze finish

Replacement Parts

- 200-0180-9904 Polycarbonate front
- 800-3399-0104 Aluminum/Glass front, Bronze
- Cast aluminum removable door with borosilicate glass refractor; Twin HubbellGard® screw closure for positive seal
- Cast aluminum back housing provides firm mounting and heat dissipation; Mounts over recessed wiring boxes; Two 1/2” conduit hubs for feed-thru wiring and top hub for field installation of photo control
- Specular aluminum reflector, vertical lamp and refractor prisms combine for excellent perimeter lighting, provides 5-6 times spacing
- Bronze powder standard paint finish, consult factory for other finishes available
- Listed to UL 1598 for use in wet locations

### Ordering Information

<table>
<thead>
<tr>
<th>FAMILY</th>
<th># LEDS</th>
<th>CCT</th>
<th>DRIVER OUTPUT</th>
<th>VOLTAGE</th>
<th>FIXTURE COLOR</th>
<th>OPTIONS</th>
</tr>
</thead>
</table>

1. Voltage specific option, designate in voltage field; PC not available in 480V
2. 0-10V fully adjustable dimming with automatic daylight calibration and different time delay settings, must order minimum of one remote to program dimming settings, 120V or 277V only
3. BBU available in 120V or 277V only
4. PC option not applicable, included in sensor

### Catalog Number

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Lamp Type</th>
<th>Ballast</th>
<th>Lamp Included</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pulse Start Metal Halide</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>120V-277V</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>120V</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>208V</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>240V</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>277V</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>480V</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>347V</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pulse Start Metal Halide</th>
</tr>
</thead>
<tbody>
<tr>
<td>100PS 175w XH-HPF Quad Tap Yes/Med. 25 (11.3)</td>
</tr>
<tr>
<td>250PS 250w XH-HPF Quad Tap No/Mog. 27 (12.2)</td>
</tr>
</tbody>
</table>

Notes: • L - Indicates lamp included with the fixture

### Accessories - Order Separately

- PBT-1 Photo control, button type, 120V
- PBT-234 Photo control, button type, 208, 240, 277V
- PG-PS Polycarbonate shield for refractor
- PG-WG Wire guard for refractor
- PVL3V Full cut off visor, formed aluminum, Bronze finish

### Dimensions

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>14 7/8”</td>
<td>15”</td>
<td>8”</td>
<td>6 13/16”</td>
</tr>
<tr>
<td>(378 mm)</td>
<td>(381 mm)</td>
<td>(203 mm)</td>
<td>(173 mm)</td>
</tr>
</tbody>
</table>

### Replacement Parts

- 800-3399-0104 Lens door assembly, Bronze
Perimaliter® II PGL

- Cast aluminum removable door with borosilicate glass refractor; Twin HubbellGard screw closure for positive seal
- Cast aluminum back housing provides firm mounting and heat dissipation; Mounts over recessed wiring boxes; Two 1/2" conduit hubs for feed-thru wiring and side hub for field installation of photo control
- Specular aluminum reflector, vertical lamp position and refractor prisms combine for excellent perimeter lighting; Provides 5-6 times spacing
- PGL is mogul base 250w max
- Bronze powder standard paint finish, consult factory for other finishes available
- Listed to UL 1598 for use in wet locations

Ordering Information

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Wattage</th>
<th>Lamp Type</th>
<th>Voltage</th>
<th>Ballast</th>
<th>Lamp Included</th>
<th>Weight lbs. (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PGL-250P-128-1-LP</td>
<td>250</td>
<td>PS</td>
<td>Quad Tap</td>
<td>CWA-HPF</td>
<td>Yes</td>
<td>30 (13.6)</td>
</tr>
<tr>
<td>PGL-350P-128-1</td>
<td>350</td>
<td>PS</td>
<td>Quad Tap</td>
<td>CWA-HPF</td>
<td>No</td>
<td>33 (14.8)</td>
</tr>
<tr>
<td>PGL-350P-128-1-LP</td>
<td>350</td>
<td>PS</td>
<td>Quad Tap</td>
<td>CWA-HPF</td>
<td>Yes</td>
<td>33 (14.8)</td>
</tr>
</tbody>
</table>

Accessories - Order Separately

- PBT-1 Photo control, button type, 120V
- PBT-234 Photo control, button type, 208, 240, 277V
- PTA-8 Photo control, external, weather tight, 120, 208, 240, 277V
- PG-PS1 Polycarbonate shield for refractor
- PG-WG1 Wire guard for refractor
- PVL3V Full cut-off visor, formed aluminum, Bronze finish

Replacement Parts

800-3399-0104 Lens door assembly, Bronze

Notes

BZ - Dark Bronze finish is standard; For alternate finish - consult factory for price adder and availability

Dimensions

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>14 7/8&quot;</td>
<td>15&quot;</td>
<td>9 7/8&quot;</td>
<td>6 13/16&quot;</td>
</tr>
<tr>
<td>(378 mm)</td>
<td>(381 mm)</td>
<td>(251 mm)</td>
<td>(173 mm)</td>
</tr>
</tbody>
</table>