

# PERIMALITER®

PGM3/PGL3 LED WALL PACK

## FEATURES

- Available in two sizes and four outputs up to 7,100 lumens
- A specially designed polycarbonate lens provides ultimate glare control which “softens” the light for no pixilation and unprecedented visual comfort
- Wireless control, motion sensor and photocontrol
- 10kA surge protection standard
- Dark bronze matte textured powder paint finish is standard, other finishes available



PGM3

PVL3

## RELATED PRODUCTS

- [LNC2 Prismatic](#)  
 [WGH](#)  
 [NRG®3000](#)



## SPECIFICATIONS

### CONSTRUCTION

- The die-cast aluminum housing provides firm mounting over recessed junction boxes
- 3 x 1/2" threaded conduit holes (top and sides) for surface conduit wiring or Photocontrol for dusk-to dawn control
- Two door options available: Cast aluminum frame with prismatic borosilicate glass (PGM3), One piece, prismatic, vandal resistant polycarbonate cover (PVL3)
- Standard finish is dark bronze textured powder paint. The PGM3 version is available in alternate finishes of black, white, gray, platinum silver and custom colors

### OPTICS

- 180 high powered LEDs in, produce up to 7102 lumens in PGM3 and 6826 lumens in PVL3
- CCT – 3000K, 4000K, 5000K (70 CRI)

### ELECTRICAL

- 120-277V universal voltage 50/60Hz, 0–10V dimmable
- Driver RoHS and IP66
- Drivers have greater than .90 power factor and less than 20% Total Harmonic Distortion

### ELECTRICAL (CONTINUED)

- 10kA surge protection (parallel); Automatically takes fixture off-line when device is consumed

### CONTROLS

- Photocell and occupancy sensor options available for complete on/off or programmable dimming control

### CERTIFICATIONS

- Listed to UL1598 for use in wet locations

### WARRANTY

- 5 year warranty
- See [HLI Standard Warranty](#) for additional information

| KEY DATA             |           |
|----------------------|-----------|
| Lumen Range          | 3516–7102 |
| Wattage Range        | 27.6–54.4 |
| Efficacy Range (LPW) | 120-138   |
| Life (Hours)         | >60,000   |

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## ORDERING GUIDE

Example: PGM3-180L-60-5K7-U-DBT

CATALOG # \_\_\_\_\_

| Family   | LED Engine               | CCT/CRI                  | Voltage <sup>1</sup> | Fixture Color                         | Options   |
|--|--------------------------|--------------------------|----------------------|---------------------------------------|---|
| <b>PGM3</b> Glass Refractor                      | <b>180L-30</b> 180L, 30W | <b>3K7</b> 3000K, 70 CRI | <b>U</b> 120V-277V   | <b>BLT</b> Black Matte Textured       | <b>F</b> Fusing (voltage determined by voltage field) Single fusing only 120V, 277V, or 347V <sup>1</sup> |
| <b>PVL3</b> Polycarbonate Refractor <sup>4</sup> | <b>180L-60</b> 180L, 60W | <b>4K7</b> 4000K, 70 CRI | <b>1</b> 120V        | <b>BLS</b> Black Gloss Smooth         | <b>PC</b> Button photocontrol, (Must specify individual voltage) <sup>5</sup>                             |
|  |                          | <b>5K7</b> 5000K, 70 CRI | <b>2</b> 208V        | <b>DBT</b> Dark Bronze Matte Textured | <b>SCP</b> Programmable motion control, factory default is 10% light output <sup>2,3</sup>                |
|  |                          |                          | <b>3</b> 240V        | <b>DBS</b> Dark Brone Gloss Smooth    |   |
|  |                          |                          | <b>4</b> 277V        | <b>GTT</b> Graphite Matte Textured    |   |
|  |                          |                          | <b>5</b> 480V        | <b>LGS</b> Light Grey Gloss Smooth    |   |
|  |                          |                          | <b>F</b> 347V        | <b>PSS</b> Platinum Silver Smooth     |   |
|  |                          |                          |                      | <b>WHT</b> White Matte Textured       |   |
|  |                          |                          |                      | <b>WHS</b> White Gloss Smooth         |   |
|  |                          |                          |                      | <b>VGT</b> Verde Green Textured       |   |
|  |                          |                          |                      | <b>Color Option</b>                   |   |
|  |                          |                          |                      | <b>CC</b> Custom Color                |   |
|  |                          |                          |                      |                                       | <b>Specify SCP Height</b>   |
|  |                          |                          |                      |                                       | <b>8F</b> Up to 8ft mount height  |
|  |                          |                          |                      |                                       | <b>20F</b> Up to 20ft mount height  |

## ACCESSORIES AND SERVICES (ORDERED SEPARATELY)

| Catalog Number                             | Description   |
|--|---|
| <input type="checkbox"/> <b>PBT-1</b>      | Photo control, button type, 120V  |
| <input type="checkbox"/> <b>PBT-234</b>    | Photo control, button type, 208, 240, 277V  |
| <input type="checkbox"/> <b>PG-PS</b>      | Polycarbonate shield for refractor for PGM3 <sup>5</sup>                                      |
| <input type="checkbox"/> <b>PG-WG</b>      | Wire guard for refractor for PGM3 <sup>5</sup>  |
| <input type="checkbox"/> <b>PVL3V</b>      | Full cut-off visor, formed aluminum, bronze finish  |
| <input type="checkbox"/> <b>SCP-REMOTE</b> | Remote control for SCP option. Order at least one per project to program control <sup>6</sup> |

Notes:

- 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 PC option not applicable, included in sensor
- 4 PVL3 only available in Bronze and White fixture colors
- 5 Guard & shield can be used on the same fixture
- 6 0-10V fully adjustable dimming with automatic daylight calibration and different time delay settings, must order minimum of one remote to program dimming settings not available in 208V, 240V, 347V or 480V

## PERFORMANCE DATA

| LEDS      | Nominal Wattage | System Watts | Dist. Type | 5K (5000K nominal, 70 CRI) |     |   |   |   | 4K (4000K nominal, 70 CRI) |     |   |   |   | 3K (3000K nominal, 70 CRI) |     |   |   |   |
|-----------|-----------------|--------------|------------|----------------------------|-----|---|---|---|----------------------------|-----|---|---|---|----------------------------|-----|---|---|---|
|           |                 |              |            | LUMENS                     | LPW | B | U | B | LUMENS                     | LPW | B | U | B | LUMENS                     | LPW | B | U | B |
| PGM3-180L | 30              | 28           | 4          | 3692                       | 134 | 0 | 3 | 3 | 3815                       | 138 | 0 | 3 | 3 | 3659                       | 132 | 0 | 3 | 3 |
|           | 60              | 55           | 4          | 6872                       | 126 | 0 | 4 | 3 | 7102                       | 131 | 0 | 4 | 3 | 6811                       | 125 | 0 | 4 | 3 |
| PVL3-180L | 30              | 28           | 4          | 3549                       | 129 | 0 | 3 | 2 | 3667                       | 133 | 0 | 3 | 2 | 3516                       | 127 | 0 | 3 | 2 |
|           | 60              | 55           | 4          | 6606                       | 123 | 1 | 4 | 3 | 6826                       | 123 | 1 | 4 | 3 | 6545                       | 120 | 1 | 4 | 3 |

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown. Actual performance may differ as a result of end-user environment and application

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## ELECTRICAL DATA

| # OF LEDS | Nominal Wattage (W) | INPUT VOLTAGE (V) | CURRENT (Amps) | SYSTEM POWER (w) |
|-----------|---------------------|-------------------|----------------|------------------|
| 180       | 30                  | 120               | 0.23           | 28               |
|           |                     | 208               | 0.13           | 28               |
|           |                     | 240               | 0.12           | 28               |
|           |                     | 277               | 0.10           | 28               |
|           |                     | 347               | 0.08           | 28               |
|           |                     | 480               | 0.06           | 28               |
|           | 60                  | 120               | 0.46           | 55               |
|           |                     | 208               | 0.26           | 55               |
|           |                     | 240               | 0.23           | 55               |
|           |                     | 277               | 0.20           | 55               |
|           |                     | 347               | 0.16           | 55               |
|           |                     | 480               | 0.11           | 55               |

## PROJECTED LUMEN MAINTENANCE

| Ambient Temp. | OPERATING HOURS |        |                     |         |                |
|---------------|-----------------|--------|---------------------|---------|----------------|
|               | 0               | 25,000 | TM-21-111<br>60,000 | 100,000 | L70<br>(hours) |
| 25°C / 77°F   | 1.00            | 0.97   | 0.94                | 0.90    | >325,000       |
| 40°C / 104°F  | 1.00            | 0.97   | 0.90                | 0.84    | >190,000       |

1. Projected per IESNA TM-21-11 ambient, based on 10,000 hours of LED testing per IESNA LM-80-08

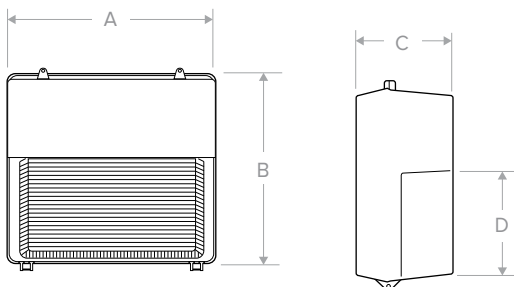
## LUMINAIRE AMBIENT TEMPERATURE FACTOR (LATF)

| AMBIENT TEMPERATURE |       | LUMEN MULTIPLIER |
|---------------------|-------|------------------|
| 0°C                 | 32°F  | 1.02             |
| 10°C                | 50°F  | 1.02             |
| 20°C                | 68°F  | 1.01             |
| 25°C                | 77°F  | 1.00             |
| 30°C                | 86°F  | 0.99             |
| 40°C                | 104°F | 0.98             |
| 50°C                | 122°F | 0.97             |

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F)

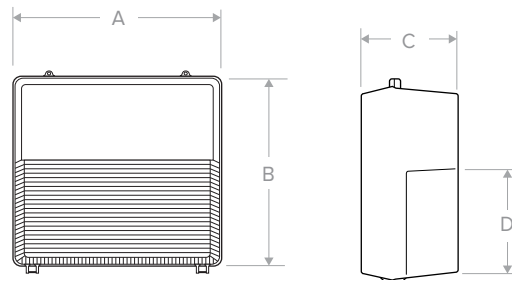
## DIMENSIONS

### PGM3



|      | A      | B      | C      | D      |
|------|--------|--------|--------|--------|
| PGM3 | 14.87" | 15"    | 8"     | 6.81"  |
| LED  | 378 mm | 381 mm | 203 mm | 173 mm |

### PVL3



|      | A      | B      | C      | D      |
|------|--------|--------|--------|--------|
| PVL3 | 14.87" | 15"    | 8"     | 6.81"  |
| LED  | 378 mm | 381 mm | 203 mm | 189 mm |

## USE OF TRADEMARKS AND TRADE NAMES

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