

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
- PVL3 only available in dark bronze matte and White finishes



PGM3



PVL3



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

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

DATE: _____ LOCATION: _____
 TYPE: _____ PROJECT: _____
 CATALOG #: _____

ORDERING GUIDE

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

CATALOG # _____

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

ACCESSORIES AND SERVICES (ORDERED SEPARATELY)

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

- 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 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

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 60,000 | 100,000 | L70 (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

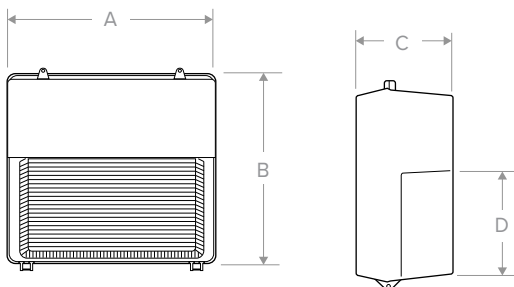
LUMINAIRE AMBIENT TEMPERATURE FACTOR (LATF)

| 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 |

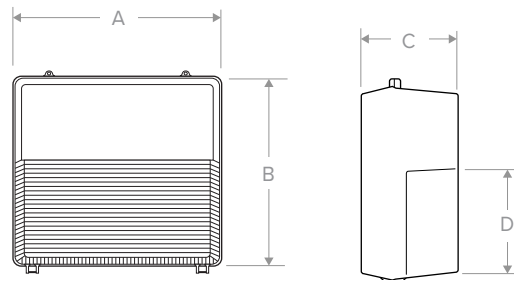
Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F)

DIMENSIONS

PGM3



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



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

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