

DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_  
 TYPE: \_\_\_\_\_ PROJECT: \_\_\_\_\_  
 CATALOG #: \_\_\_\_\_

# PERIMALITER®

PGM3/PGL3 LED WALL PACK

## FEATURES

- Available in two sizes and four outputs up to 9,000 lumens
- A specially designed acrylic lens provides ultimate glare control which “softens” the light for no pixilation and unprecedented visual comfort
- Wireless control, motion sensor, photocontrol and emergency battery back-up capability
- 10kA surge protection standard
- Bronze powder paint finish is standard, other finishes available
- DLC® (DesignLights Consortium) Qualified - see [www.designlights.org](http://www.designlights.org)



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 resistan 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 2 parallel series, produce up to 8064 lumens (112 LPW) in PGM3 and 6778 lumens (94 LPW) in PVL3
- CCT – 3000K, 4000K, 5000K (80 CRI)
- Wide type IV uniform distribution for PGM3
- Wide type III uniform distribution for PVL3

### ELECTRICAL

- 120-277V universal voltage 50/60Hz, 0–10V dimmable
- Driver RoHS and IP66
- 32w (1 driver, 350mA, 55mA delivered)
- 72w (2 drivers, 700mA, 116mA delivered)
- 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	3387–8064
Wattage Range	32–72
Efficacy Range (LPW)	91–132
Life (Hours)	>100,000
Input Current Range (Amps)	0.13–0.59

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## ORDERING GUIDE

**Example:** PGM3-180L5K-U-DB

 CATALOG # 

Family		180L		Driver Output		Voltage <sup>1</sup>		Fixture Color		Options			
		# LEDS	CCT										
<b>PGM3</b>	Glass Refractor	<b>180L</b>	180L	<b>3K</b>	3000K, 80 CRI	<b>Blank</b>	700mA	<b>U</b>	120V-277V	<b>DB</b>	Dark bronze textured <sup>5</sup>	<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>5</sup>			<b>4K</b>	4000K, 80 CRI	<b>035</b>	035mA	<b>1</b>	270V	<b>BL</b>	Black textured	<b>PC</b>	Button photocontrol, (Must specify individual voltage) <sup>1</sup>
				<b>5K</b>	5000K, 80 CRI			<b>2</b>	208V	<b>WH</b>	White textured <sup>5</sup>	<b>BBU</b>	Integral battery for 120 or 277V (Must specify individual voltage) 700mA rated for -20° C to 25° C, 350mA rated for -20° C to 35° C <sup>1,3</sup>
								<b>3</b>	240V	<b>GR</b>	Gray Textured	<b>SCO</b>	Motion sensor On/Off control, No light output when no motion detected <sup>4</sup>
								<b>4</b>	277V	<b>PS</b>	Platinum silver smooth	<b>SCP</b>	Programmable motion control, factory default is 10% light output <sup>2,4</sup>
								<b>5</b>	480V	<b>CC</b>	Custom color	<b>Specify SCP Height</b>	
								<b>F</b>	347V			<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>6</sup>
<input type="checkbox"/> <b>PG-WG</b>	Wire guard for refractor for PGM3 <sup>6</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>7</sup>

Catalog Number	Description
<input type="checkbox"/> <b>200-0180-9904</b>	Replacement lens/door PVL3
<input type="checkbox"/> <b>80033990104</b>	Replacement lens/door PGM3

**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 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
- 6 Guard & shield can be used on the same fixture
- 7 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	CURRENT	WATTS	SERIES	5K (5000K nominal, 80 CRI)		4K (4000K nominal, 80 CRI)		3K (3000K nominal, 80 CRI)	
				LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
180	350mA	32w	PGM3	4277	132	4125	129	4094	128
			PVL3	3466	108	3383	106	3387	106
	700mA	72w	PGM3	8064	112	7889	110	7830	109
			PVL3	6778	94	6615	92	6565	91

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	DRIVE CURRENT (mA)	INPUT VOLTAGE (V)	CURRENT (Amps)	SYSTEM POWER (w)
180	035 (350mA)	120	0.28	32
		208	0.17	32
		240	0.15	32
		277	0.13	32
		347		32
		480		32
	STD. (700mA)	120	0.59	72
		208	0.35	72
		240	0.30	72
		277	0.29	72
		347		72
		480		72

## PROJECTED LUMEN MAINTENANCE

Ambient Temp.	OPERATING HOURS					
	0	25,000	50,000	TM-21-111 60,000	100,000	L70 (hours)
25°C / 77°F	1.00	0.96	0.94	0.93	0.89	>331,000
40°C/104°F	0.99	0.95	0.92	0.90	0.85	>237,000

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

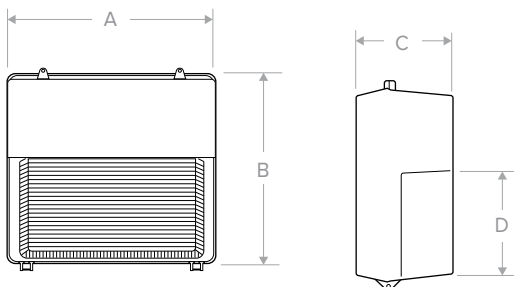
## LUMINAIRE AMBIENT TEMPERATURE FACTOR (LATF)

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)

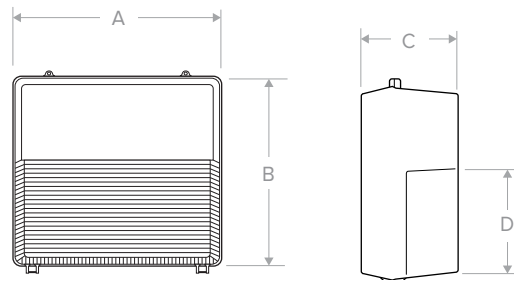
## DIMENSIONS

### 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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