

# PERIMALITER® LED WALLPACKS

PGM3/PVL3

Cat.#

Job

Type



**HUBBELL**  
Outdoor Lighting

Approvals

## SPECIFICATIONS

### Intended Use:

Perimeter lighting for safety, security and identity  
Applications include office buildings, shopping centers, restaurants, schools, warehouses, parking garages and other commercial areas

### Operating Temperature:

- , -40°C to 40°C ambient environments

### 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 PC 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

### LED/Optical:

- 180 high powered LEDs in 2 parallel series, produce up to 7160 lumens (99.4 LPW) in PGM3 and 5978 lumens (83 LPW) in PVL3
- CCT – 3000K, 4000K, 5000K (80 CRI)
- Wide type III uniform distribution

### Electrical

- 120-277V universal voltage 50/60Hz, 0-10V dimmable
- Driver RoHS and IP66
- 34w (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

### Controls

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

### Egress Version

- Minimum of 1fc at 12' mounting height covering 10'x10' square in battery mode, exceeds Life Safety Code requirements of 1 fc average. See options below for more information.

### Listings:

Listed to UL 1598 for use in wet locations

### Warranty:

Five year limited warranty (for more information visit: <http://www.hubbelloutdoor.com/resources/warranty/>)

## PRODUCT IMAGE(S)

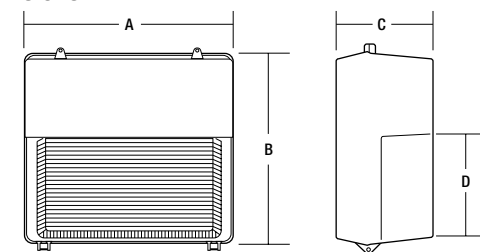


PGM3

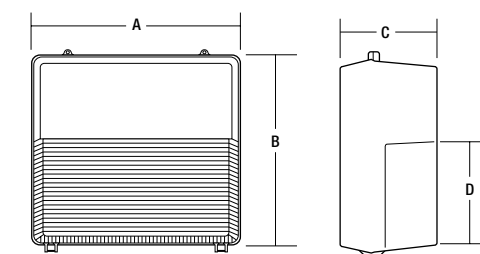


PVL3

## DIMENSIONS



	A	B	C	D
<b>PGM3</b>	14 <sup>7</sup> / <sub>8</sub> "	15"	8"	6 <sup>13</sup> / <sub>16</sub> "
<b>LED</b>	378 mm	381 mm	203 mm	173 mm



	A	B	C	D
<b>PVL3</b>	14 <sup>7</sup> / <sub>8</sub> "	15"	8"	7 <sup>7</sup> / <sub>16</sub> "
<b>LED</b>	378 mm	381 mm	203 mm	189 mm

## CERTIFICATIONS/LISTINGS



## ORDERING INFORMATION ORDERING EXAMPLE: PGM3-180L5K-U-DB

FAMILY	# LEDS	CCT	DRIVE CURRENT	VOLTAGE <sup>1</sup>	FIXTURE COLOR	OPTIONS
PGM3 Glass Refractor	180L	3K 3000K, 80 CRI	BLANK 700mA	U 120V-277V	DB <sup>5</sup> Bronze	F <sup>1</sup> Fusing (voltage determined by voltage field) Single fusing only 120V, 277V or 347V
PVL3 <sup>5</sup> Polycarbonate Refractor		4K 4000K, 80 CRI	035 350mA	1 120V	BL Black	PC <sup>1</sup> Button photocontrol, (Must specify individual voltage)
		5K 5000K, 80 CRI		2 208V	WH White	BBU <sup>1,3</sup> 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
				3 240V	GR Gray	SC0 <sup>4</sup> Motion sensor On/Off control, No light output when no motion detected
				4 277V	PL Platinum	SCP <sup>2,4</sup> Programmable motion control, factory default is 10% light output
				5 480V	CC Custom Color	
				F 347V		

<sup>1</sup> Voltage specific option, designate in voltage field

<sup>2</sup> 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

<sup>3</sup> BBU available in 120V or 277V only

<sup>4</sup> PC option not applicable, included in sensor

<sup>5</sup> PVL3 only available in DB Bronze fixture color

[Controls Guide](#)



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PGM/PVLLED 12/15

## PERFORMANCE DATA

# OF LEDS	DRIVE CURRENT	SYSTEM WATTS	FIXTURE SERIES	5K (5000K nominal, 80 CRI)		4K (4000K nominal, 80 CRI)		3K (3000K nominal, 80 CRI)	
				LUMENS	LPW <sup>1</sup>	LUMENS	LPW <sup>1</sup>	LUMENS	LPW <sup>1</sup>
180	350mA	35w	PGM3						
			PVL3						
	700mA	72w	PGM3	7160	99.4	6923	96	6889	96
			PVL3	5978	83	5773	80	5516	77

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	DRIVE CURRENT (mA)	INPUT VOLTAGE (V)	CURRENT (Amps)	SYSTEM POWER (w)
180	035 (350mA)	120	0.28	35
		208	0.17	35
		240	0.15	35
		277	0.13	35
		347		35
		480		35
	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					L70 (hours)
	0	25,000	50,000	TM-21-11 <sup>1</sup> 60,000	100,000	
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).

## ACCESSORIES

### ACCESSORIES

(order as separate part #)

Catalog Number	Description
PBT-1	Photo control, button type, 120V
PBT-234	Photo control, button type, 208, 240, 277V
PG-PS <sup>1</sup>	Polycarbonate shield for refractor for PGM3
PG-WG <sup>1</sup>	Wire guard for refractor for PGM3
PVL3V	Full cut-off visor, formed aluminum, bronze finish
SCP-REMOTE <sup>2</sup>	Remote control for SCP option. Order at least one per project to program and control.

1 Guard & shield can be used on the same fixture

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, not available in 208V, 240V, 347V or 480V

### REPLACEMENT PARTS

(order as separate part #)

Catalog Number	Description
200-0180-9904	Replacement lens/door PVL3
800-3399-0104	Replacement lens/door PGM3



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