

PERIMALITER® LED WALLPACKS

PGM3/PVL3

Cat.#

Job

Type



HUBBELL
Outdoor Lighting

Approvals

SPECIFICATIONS

Intended Use:

Perimeter lighting for safety, security and identity - LED units provide 60-70% energy savings over typical pulse start wallpacks. Uses include office buildings, shopping centers, restaurants, schools, warehouses, parking garages and other commercial applications

Construction:

- The die-cast aluminum housing provides firm mounting over recessed junction boxes ½" side hubs included for surface conduit wiring. Housing includes a top hub for use with button photo controls for dusk-to-dawn control. The construction not only provides a rigid mount but an excellent heat sink for the LED system, allowing proper operating temperature for optimum performance and long life

- Two door options are available: A cast aluminum and prismatic borosilicate glass assembly for typical commercial applications (PGM3) and an all polycarbonate, one-piece, vandal resistant door for use in non-supervised locations (PVL3)

- Standard finish is dark bronze textured powder paint. The PGM3 version is available in alternate finishes of black, white, gray and platinum silver

LED:

- 30 high powered LEDs in 2 parallel series, produce up to 5600 lumens (82 LPW) in PGM3 and 5337 lumens (73 LPW) in PVL3
- CCT – 3000K (80 CRI), 4000K (70CRI), 5000K (67 CRI)

Electrical

- 120-277V universal voltage 50/60Hz, dimmable
- Driver RoHS and IP66
- 34w (1 driver, 350mA) or 71w (2 drivers, 700mA) options available
- Drivers have greater than .90 power factor and less than 20% Total Harmonic Distortion

Controls

Drivers are 0-10V dimming standard. Photocell and occupancy sensor options available for complete on/off and dimming control

Egress Version

- Minimum of 1fc at 12' mounting height covering 10'x10' square in battery mode

Listings:

Listed to UL 1598 for use in wet locations, -40°C to 40°C ambient environments.

Warranty:

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

PRODUCT IMAGE(S)

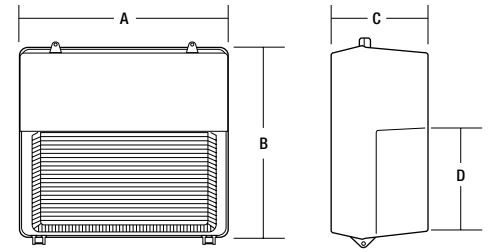


PGM3

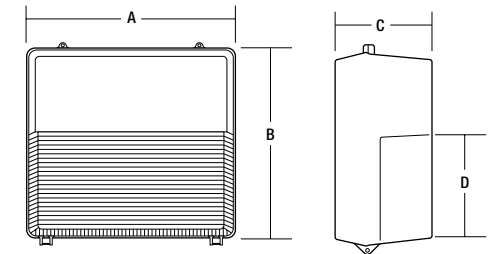


PVL3

DIMENSIONS



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



	A	B	C	D
PVL3	14 ⁷ / ₈ "	15"	8"	7 ⁷ / ₁₆ "
LED	378 mm	381 mm	203 mm	189 mm

CERTIFICATIONS/LISTINGS



ORDERING INFORMATION ORDERING EXAMPLE: PGM3-30LU-5K-BZ



FAMILY	# LEDS	VOLTAGE ¹	CCT	DRIVE CURRENT	FIXTURE COLOR	OPTIONS
PGM3 Glass Refractor	30L	U 120V-277V	3K 3000K, 80 CRI	BLANK 700mA	BZ⁵ Bronze	F¹ Fusing (voltage determined by voltage field) Single fusing only 120V, 277V or 347V
PVL3⁵ Polycarbonate Refractor		1 120V	4K 4000K, 70 CRI	035³ 350mA	BL Black	PC¹ Button photocontrol, (Must specify individual voltage)
		2 208V	5K 5000K, 67 CRI		WH White	BBU^{1,3} Integral battery for 120 or 277V rated for -20°C to 25°C – 700mA -20°C to 35°C – 350mA (Must specify individual voltage)
		3 240V			GR Gray	SC0^{2,4} Motion sensor On/Off control, No light output when no motion detected
		4 277V			PL Platinum	SCP^{2,4} Programmable motion control, factory default is 10% light output
		5 480V			CC Custom Color	
		F 347V				

1 Voltage specific option, designate in voltage field
 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 BZ Bronze fixture color

[Controls Guide](#)

SP Surge protector, 10KA, 273 joules



Hubbell Outdoor Lighting • 701 Millennium Boulevard • Greenville, SC 29607 • Phone: 864-678-1000
 Due to our continued efforts to improve our products, product specifications are subject to change without notice.

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PGM/PVLLED 10/15

PERFORMANCE DATA

# OF LEDS	DRIVE CURRENT	SYSTEM WATTS	FITTURE SERIES	5K (5000K nominal, 67 CRI)					4K (4000K nominal, 70 CRI)					3K (3000K nominal, 80 CRI)				
				LUMENS	LPW ¹	B	U	G	LUMENS	LPW ¹	B	U	G	LUMENS	LPW ¹	B	U	G
30	350mA	35w	PGM3	3209	92	0	4	3	2955	84	0	3	3	2338	67	0	3	3
			PVL3	2757	79	0	3	3	2614	75	0	3	3	2089	60	0	3	3
	700mA	68w	PGM3	5678	84	0	4	4	5157	76	0	4	4	3932	58	0	4	3
			PVL3	5337	72	0	4	4	4505	66	0	4	4	3492	51	0	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	DRIVE CURRENT (mA)	INPUT VOLTAGE (V)	CURRENT (Amps)	SYSTEM POWER (w)
30	-035 (350mA)	120	0.28	35
		277		35
		347		35
		480		35
	STD. (700mA)	120	0.58	68
		277		68
		347		68
		480		68

PROJECTED LUMEN MAINTENANCE

Ambient Temp.	OPERATING HOURS					L70 (hours)
	0	25,000	50,000	TM-21-11 ¹ 60,000	100,000	
25°C / 77°F	1.00	0.96	0.95	0.94	0.92	597,000
40°C	0.99	0.95	0.93	0.93	0.90	417,000

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	1.01
20°C	68°F	1.00
25°C	77°F	1.00
30°C	86°F	1.00
40°C	104°F	0.99
50°C	122°F	0.98

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 ¹	Polycarbonate shield for refractor for PGM3
PG-WG ¹	Wire guard for refractor for PGM3
PVL3V	Full cut-off visor, formed aluminum, bronze finish
SCP-REMOTE ²	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