

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 and an all polycarbonate, one-piece, vandal resistant door for use in non-supervised locations
- Standard finish is dark bronze textured powder paint. The PGM3 version is available in alternate finishes of black, white, gray and platinum silver
- LEDs with CCT of 5100K, 4200K and 3000K are available

Optics/Electrical

LED:

- Drivers are 120-277V universal voltage 50/60Hz and have dimming capability standard. Drivers and light engine are easily accessible for future servicing
- A thirty LED light 5100K engine produces over 5600 lumens (82 LPW) out of the PGM3 (5337 lumens (73 LPW) for PVL3) with asymmetric distribution for typical mounting heights of 12-15 feet. The lateral spread allows typical spacing of three to four times the mounting height with excellent uniformity.
- 34w versions also available, see chart below for lumen outputs

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)

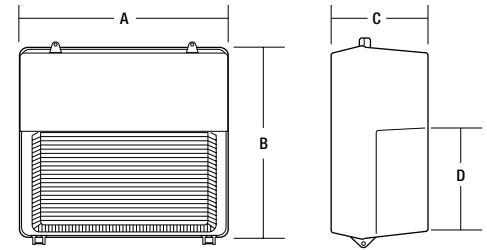


PGM

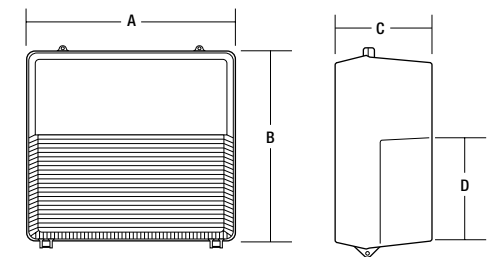


PVL

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

Catalog Number	Construction	Wattage	Drive Current	Voltage	Color Temperature	Lumens	LPW	Weight lbs. (kg)
PGM3 LED								
PGM3-30LU-5K-BZ	Glass Refractor	69	700ma	120-277V	5100K	5678	82	16
PGM3-30LU-5K-035-BZ	Glass Refractor	34	350ma	120-277V	5100K	3209	96	15
PGM3-30LU-4K-BZ	Glass Refractor	69	700ma	120-277V	4200K	5157	69	16
PGM3-30LU-4K-035-BZ	Glass Refractor	34	350ma	120-277V	4200K	2955	88	15
PGM3-30LU-3K-BZ	Glass Refractor	71	700ma	120-277V	3000K	3932	56	16
PGM3-30LU-3K-035-BZ	Glass Refractor	34	350ma	120-277V	3000K	2338	69	15
PVL3 LED								
PVL3-30LU-5K-BZ	Polycarbonate Refractor	72.7	700ma	120-277V	5100K	5337	73	11
PVL3-30LU-5K-035-BZ	Polycarbonate Refractor	34	350ma	120-277V	5100K	2757	81	10
PVL3-30LU-4K-BZ	Polycarbonate Refractor	69	700ma	120-277V	4200K	4505	66	11
PVL3-30LU-4K-035-BZ	Polycarbonate Refractor	34	350ma	120-277V	4200K	2614	78	10
PVL3-30LU-3K-BZ	Polycarbonate Refractor	71	700ma	120-277V	3000K	3490	49	11
PVL3-30LU-3K-035-BZ	Polycarbonate Refractor	34	350ma	120-277V	3000K	2089	62	10

Notes: *Units are universal voltage 50/ 60 hz. Change "U" to F for 347V or 5 for 480V for those voltage options. On PGM3, for alternate finishes, change BZ to BL-Black, WH-White, GR-Gray, PS-Platinum Silver



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Due to our continued efforts to improve our products, product specifications are subject to change without notice.

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PGM/PVLLED 2/14

PERFORMANCE DATA

# OF LEDS	DRIVE CURRENT	SYSTEM WATTS	FIXTURE SERIES	5K (5100K nominal, 67 CRI)					4K (4200K 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	4873	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).

OPTIONS & ACCESSORIES

OPTION

(order as separate part #)

Catalog Number	Description
SP	Surge Protector 10KA

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

1 Guard & shield can be used on the same fixture

REPLACEMENT PARTS

(order as separate part #)

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

LIGHTING FACTS

lighting facts
A Program of HUBBELL

Light Output (Lumens) 4400
Watts 68.1
Lumens per Watt (Efficacy) 64

Color Accuracy
Color Rendering Index (CRI) 72

Light Color
Correlated Color Temperature (CCT) 5050 (Daylight)

Warranty** Yes

Registration Number: A25K-PV3WMP (10/17/2012)
Model Number: PV3-350L-04
Type: Outdoor wall pack

lighting facts
A Program of HUBBELL

Light Output (Lumens) 5252
Watts 68.1
Lumens per Watt (Efficacy) 77

Color Accuracy
Color Rendering Index (CRI) 71

Light Color
Correlated Color Temperature (CCT) 4968 (Daylight)

Warranty** Yes

Registration Number: A25K-DV08M1 (10/17/2012)
Model Number: PVL3-60L-04
Type: Outdoor wall pack