

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 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
- 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

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
- Some LED models meet DesignLights Consortium (DLC) qualifications, consult DLC website for more details: <http://www.designlights.org/QPL>

Warranty:

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

PRODUCT IMAGE(S)

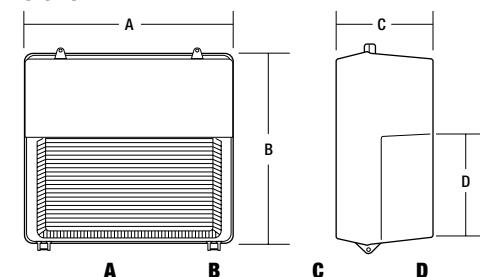


PGM3

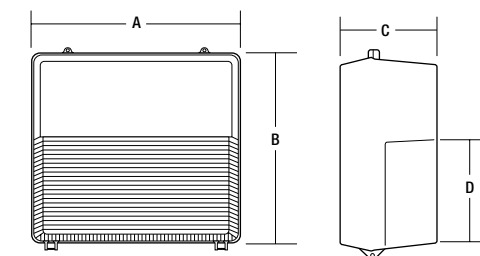


PVL3

DIMENSIONS



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



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

CERTIFICATIONS/LISTINGS



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

FAMILY	# LEDS	CCT	DRIVER OUTPUT	VOLTAGE ¹	FIXTURE COLOR	OPTIONS
PGM3 Glass Refractor	180L	3K 3000K, 80 CRI	BLANK 700mA	U 120V-277V	DB ⁵ Dark Bronze Textured	F ¹ Fusing (voltage determined by voltage field) Single fusing only 120V, 277V or 347V
PVL3 ⁵ Polycarbonate Refractor		4K 4000K, 80 CRI	035 350mA	1 120V	BL Black Textured	PC ¹ Button photocontrol, (Must specify individual voltage)
		5K 5000K, 80 CRI		2 208V	WH ⁵ White Textured	BBU ^{1,3} 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 Textured	SC0 ⁴ Motion sensor On/Off control, No light output when no motion detected
				4 277V	PS Platinum Silver Smooth	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, 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

Controls Guide

SPECIFY SCP HEIGHT

- 8F Up to 8ft mount height
- 20F Up to 20ft mount height



HUBBELL
Outdoor Lighting

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.

© 2017 HUBBELL OUTDOOR LIGHTING, All Rights Reserved • For more information visit our website: www.hubbelloutdoor.com • Printed in USA September 25, 2017 4:43 PM PGM/PVLED

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.

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					L70 (hours)
	0	25,000	50,000	TM-21-11 ¹ 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 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



HUBBELL
Outdoor Lighting

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.

© 2017 HUBBELL OUTDOOR LIGHTING, All Rights Reserved • For more information visit our website: www.hubbelloutdoor.com • Printed in USA September 25, 2017 4:43 PM PGM/PVLLD

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 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
- 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

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
- Some LED models meet DesignLights Consortium (DLC) qualifications, consult DLC website for more details: <http://www.designlights.org/QPL>

Warranty:

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

PRODUCT IMAGE(S)

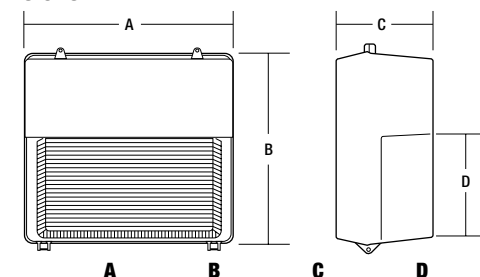


PGM3

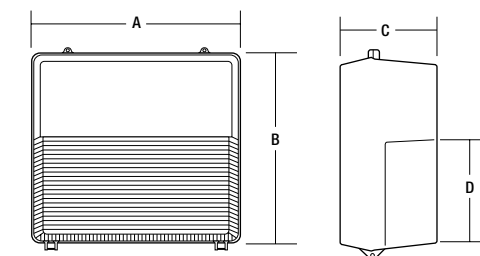


PVL3

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: PGM3-180L5K-U-DB

FAMILY	# LEDS	CCT	DRIVER OUTPUT	VOLTAGE ¹	FIXTURE COLOR	OPTIONS
PGM3 Glass Refractor	180L	3K 3000K, 80 CRI	BLANK 700mA	U 120V-277V	DB ⁵ Dark Bronze Textured	F ¹ Fusing (voltage determined by voltage field) Single fusing only 120V, 277V or 347V
PVL3 ⁵ Polycarbonate Refractor		4K 4000K, 80 CRI	035 350mA	1 120V	BL Black Textured	PC ¹ Button photocontrol, (Must specify individual voltage)
		5K 5000K, 80 CRI		2 208V	WH ⁵ White Textured	BBU ^{1,3} 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 Textured	SC0 ⁴ Motion sensor On/Off control, No light output when no motion detected
				4 277V	PS Platinum Silver Smooth	SCP2 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, 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

Controls Guide

SPECIFY SCP HEIGHT

- 8F Up to 8ft mount height
- 20F Up to 20ft mount height



HUBBELL
Outdoor Lighting

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.

© 2017 HUBBELL OUTDOOR LIGHTING, All Rights Reserved • For more information visit our website: www.hubbelloutdoor.com • Printed in USA September 25, 2017 4:43 PM PGM/PVLED

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.

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					L70 (hours)
	0	25,000	50,000	TM-21-11 ¹ 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 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



HUBBELL
Outdoor Lighting

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.

© 2017 HUBBELL OUTDOOR LIGHTING, All Rights Reserved • For more information visit our website: www.hubbelloutdoor.com • Printed in USA September 25, 2017 4:43 PM PGM/PVLLD