PERIMALITER®
PGM3/PGL3 LED WALL PACK

FEATURES

- Available in two sizes and four outputs up to 7,100 lumens

- A specially designed polycarbonate lens provides ultimate glare control which "softens" the light for no pixilation and unprecedented visual comfort

- Wireless control, motion sensor and photocontrol

- 10kA surge protection standard

- Dark bronze matte textured powder paint finish is standard, other finishes available

- PVL3 only available in dark bronze matte and White finishes

PGM3   PVL3

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 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

OPTICS
- 180 high powered LEDs in, produce up to 7102 lumens in PGM3 and 6826 lumens in PVL3

- CCT – 3000K, 4000K, 5000K (70 CRI)

ELECTRICAL
- 120-277V universal voltage 50/60Hz, 0–10V dimmable

- Driver RoHS and IP66

- 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

KEY DATA	
Lumen Range	3516–7102
Wattage Range	27.6–54.4
Efficacy Range (LPW)	120-138
Life (Hours)	>60,000

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✳ EXO
OUTDOOR LIGHTING

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

PERIMALITER®
PGM3/PVL3 LED WALL PACK

ORDERING GUIDE

Example: PGM3-180L-60-5K7-U-DBT

CATALOG #

Family		LED Engine		CCT/CRI		Voltage[1]		Fixture Color		Options	
PGM3	Glass Refractor	**180L-30**	180L, 30W	**3K7**	3000K, 70 CRI	**U**	120V–277V	**BLT**	Black Matte Textured	**F**	Fusing (voltage determined by voltage field) Single fusing only 120V, 277V, or 347V[1]
PVL3	Polycarbonate Refractor[4]	**180L-60**	180L, 60W	**4K7**	4000K. 70 CRI	**1**	120V	**BLS**	Black Gloss Smooth	**PC**	Button photocontrol, (Must specify individual voltage)[1]
				5K7	5000K, 70 CRi	**2**	208V	**DBT**	Dark Bronze Matte Textured	**SCP**	Programmable motion control, factory default is 10% light output[2,3]
						3	240V	**DBS**	Dark Brone Gloss Smooth		
						4	277V	**GTT**	Graphite Matte Textured	**Sepcify SCP Height**	
						5	480V	**LGS**	Light Grey Gloss Smooth	**8F**	Up to 8ft mount height
						F	347V	**PSS**	Platinum Silver Smooth	**20F**	Up to 20ft mount height
								WHT	White Matte Textured		
								WHS	White Gloss Smooth		
								VGT	Verde Green Textured		
								Color Option			
								CC	Custom Color		

ACCESSORIES AND SERVICES (ORDERED SEPARATELY)

Catalog Number	Description
☐ **PBT-1**	Photo control, button type, 120V
☐ **PBT-234**	Photo control, button type, 208, 240, 277V
☐ **PVL3V**	Full cut-off visor, formed aluminum, bronze finish
☐ **SCP-REMOTE**	Remote control for SCP option. Order at least one per project to program control[5]

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. PC option not applicable, included in sensor
4. PVL3 only available in Bronze and White fixture colors
5. 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	Nominal Wattage	System Watts	Dist. Type	5K (5000K nominal, 70 CRI)					4K (4000K nominal, 70 CRI)					3K (3000K nominal, 70 CRI)				
				LUMENS	LPW	B	U	B	LUMENS	LPW	B	U	B	LUMENS	LPW	B	U	B
PGM3-180L	30	28	4	3692	134	0	3	3	3815	138	0	3	3	3659	132	0	3	3
	60	55	4	6872	126	0	4	3	7102	131	0	4	3	6811	125	0	4	3
PVL3-180L	30	28	4	3549	129	0	3	2	3667	133	0	3	2	3516	127	0	3	2
	60	55	4	6606	123	1	4	3	6826	123	1	4	3	6545	120	1	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

Current ◉

EXO
OUTDOOR LIGHTING

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ELECTRICAL DATA

# OF LEDS	Nominal Wattage (W)	INPUT VOLTAGE (V)	CURRENT (Amps)	SYSTEM POWER (w)
180	30	120	0.23	28
		208	0.13	28
		240	0.12	28
		277	0.10	28
		347	0.08	28
		480	0.06	28
	60	120	0.46	55
		208	0.26	55
		240	0.23	55
		277	0.20	55
		347	0.16	55
		480	0.11	55

PROJECTED LUMEN MAINTENANCE

Ambient Temp.	OPERATING HOURS				L70 (hours)
	0	25,000	TM-21-111 60,000	100,000	
25°C / 77°F	1.00	0.97	0.94	0.90	>325,000
40°C / 104°F	1.00	0.97	0.90	0.84	>190,000

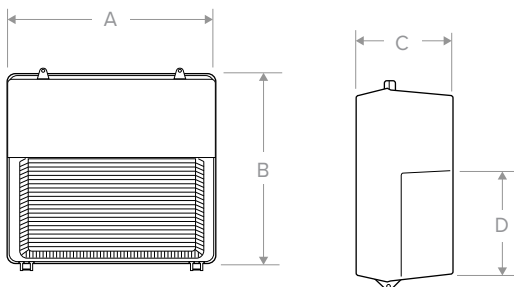1. Projected per IESNA TM-21-11 ambient, based on 10,000 hours of LED testing per IESNA LM-80-08

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)
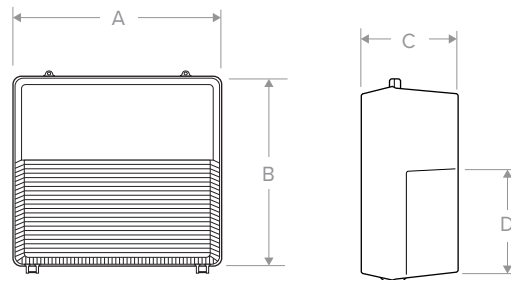
DIMENSIONS

PGM3

	A	B	C	D
PGM3	14.87"	15"	8"	6.81"
LED	378 mm	381 mm	203 mm	173 m

PVL3

	A	B	C	D
PVL3	14.87"	15"	8"	6.81"
LED	378 mm	381 mm	203 mm	189 m

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