



PGX Series

ARCHITECTURAL EMERGENCY WALLPACK

DATE:

LOCATION:

TYPE:

PROJECT:

CATALOG #:

FEATURES

- High-performance architectural emergency wallpack
- Die-cast aluminum housing and full cutoff design
- “Normally-On” and Emergency operation in one fixture
- Featuring Type 4W Micro Strike optics. No heads to aim, no adjustments to make
- Intelligent 2-wire input connection: 120–277VAC, 50/60Hz operation
- Includes Spectron® self-testing/self-diagnostic electronics standard
- Photocell & 0–10V dimming standard
- Fast, easy installation



MICROSTRIKE



SPECIFICATIONS

APPLICATION

- PGX is an indoor/outdoor, high performance LED wallpack which offers “Normally-On” and Emergency operation in one fixture.
- Micro Strike optics maximize path of egress illumination for mounting over entrance/exit ways and perimeter walkways.
- Spectron® self-testing/self-diagnostic electronics are included standard.
- A battery heater for cold temperature operation is available as an option.

CONSTRUCTION

- Durable die-cast aluminum housing with a sleek, low-profile design.
- Powder paint finish provides durability in outdoor environments and is available in dark bronze, white, black and platinum silver.
- The gently curved shape provides a modern look while reducing visual bulk. A full cutoff design, ensures a sleek appearance and controlled light distribution.
- Optimized thermal design ensures consistent heat dissipation for extended LED life and reliable performance.

INSTALLATION

- Die-cast aluminum backplate includes easily removable universal mounting knockout pattern to standard 3½" or 4" octagon or square electrical box.
- A ½"–¼" NPT threaded conduit opening is provided at the top of the housing and sealed with a threaded plug.

ILLUMINATION

- Equipped with two 4000K (80 CRI) arrays providing up to 1,093 lumens. In the event 1 LED array fails, the remaining array will continue to function.
- Micro Strike optics provide an IES Type 4W distribution.
- 0–10V dimming standard for energy savings and control flexibility.
- BUG Rating: 0, 0, 1

COMPLIANCES

- UL 924 Listed
- UL 1598 Listed
- UL Wet Location Listed
- NFPA 101 Life Safety Code
- NFPA 70 National Electrical Code
- DLC® (DesignLights Consortium) Listed. Please refer to the DLC website for specific product qualifications at [designlights.org](https://www.designlights.org)
- CEC Title 20 Compliant

WARRANTY

- 5 years full warranty



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ORDERING GUIDE

Example: PGXW

CATALOG #

PGX		-	
Model	Finish	Options	
PGX Architectural Emergency Wallpack	W White	HTR Battery Heater	
	DB Dark Bronze		
	P Platinum Silver		
	B Black		

ELECTRONICS

The PGX has two modes of operation from a single fixture:

Normally-On mode: Power is supplied from a 120V-277VAC source and may be switched on/off allowing the unit to behave like a typical wallpack. It also includes 0-10V dimming leads and a photocell standard.

Emergency mode: Upon failure of normal utility power, a solid-state transfer switch automatically activates the emergency function provided by a maintenance-free lithium iron phosphate (LiFePO4) battery. A low voltage battery disconnect feature protects the battery from severe damage during prolonged power failures.

Includes AC-on LED indicator and test switch.

Transient/surge protection, low voltage disconnect, 15-minute time delay retransfer, and AC lock-out features included. Battery re-charge within 24 hours. Includes pre-tinned AC input pigtail leads for quick connection.

Operating Temperature Range:

Models without Heater: 0°C to 50°C (32°F to 122°F)

Models with Heater: -30°C to 50°C (-22°F to 122°F)

SPECTRON®:

- Self-diagnostics monitors LED status, LED driver circuit, battery capacity, and charger function and displays any fault detection by means of a flashing code.
- Multi-color LED indicator provides visible fault detection and charging status.
- Automatic unit transfer in brown-out conditions (below 80% of nominal AC input voltage).
- Re-transfer delay keeps the unit in emergency mode for 15-minutes after the return of AC power to allow time for power stabilization.
- Self-Test feature automatically runs a 1-minute test once a month and a 90-minute test once every 6 months.
- User initiated 1 or 90-minute system test feature.

POWER CONSUMPTION

PGX	Models without Heater		Models with Heater	
	120VAC	16.4 Watts	120VAC	20.9 Watts
	277VAC	16.9 Watts	277VAC	21.8 Watts

Maintenance Mode Power Consumption 120VAC - 9.2 Watts (lamps on)
Maintenance Mode Power Consumption 277VAC - 9.68 Watts (lamps on)



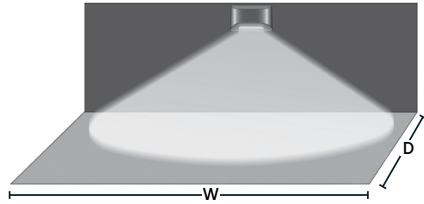
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ILLUMINATION PATTERN

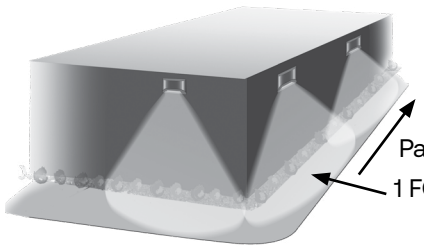
SINGLE UNIT COVERAGE



Mounting Height: 9'
Indoor Reflectance: 80/50/20

	Indoor	Outdoor
1 FC Average (W x D)	36' X 17'	36' X 17'
1 FC Minimum (W x D)	24' X 11'	21' X 11'

MULTIPLE UNIT SPACING



Mounting Height: 9'
Illuminated Path Depth: 6'
Indoor Reflectance: 80/50/20

	Indoor	Outdoor
1 FC Average	60'	60'
1 FC Minimum	36'	36'

DIMENSIONS

