

**PARKING GARAGE LUMINAIRE**

LED 5000 LUMEN AND 8000 LUMEN VERSIONS

Project: \_\_\_\_\_

Fixture Type: \_\_\_\_\_

Location: \_\_\_\_\_

Contact/Phone: \_\_\_\_\_

Cat. No.: \_\_\_\_\_

**PRODUCT DESCRIPTION**

The PG series luminaire is a small and efficient LED fixture for covered parking garages or canopy applications. Available in 3 lumen packages the PG series delivers up to 8000 lumens in two different size luminaires. The PG series outstanding uniformity and efficacy give customers a high quality lighting job while using a fraction of the energy of traditional light sources.

**PRODUCT SPECIFICATIONS**

**Optics** A symmetric, square distribution (optics option 5) delivers uniformity and energy efficiency for covered parking garage applications at mounting heights of 8'-10' • A round distribution with a narrower beam pattern (optics option 5R) is designed for canopy applications at higher mounting heights • An optional polycarbonate lens can be ordered • This option reduces glare for fixtures that will be installed in the driving lane • Also a side shield can be ordered when more light control is required.

**Mounting** The fixture can be surface mounted to a J-box, or pendant mounted with a pipe • A trunion mounting option is also available • The pendant mounting option requires a wet location J-box and pipe (supplied by others).

**Construction** Two piece cast aluminum housing fully sealed with silicone gaskets • Glare shield is made of molded acrylic • All hardware is corrosion resistant.

**Finish** All exposed surfaces are finished with a 5 stage powder coat process in Silver finish.

**Electrical** The PG1 series fixtures use a 120-277V driver • The PG2 series fixtures can be ordered with a 120-277V driver, or an optional 347-480V driver.

**Thermal Performance** PG1 fixtures can operate between -22°F and 113°F (-30°C to 45°C) • PG2 fixtures can operate between -40°F and 113°F (-40°C to 45°C) • L70 at 25°C is 100,000 hrs.

**Dimming** Fixtures can be ordered with an optional 0-10V dimming driver.

**Emergency Lighting** Fixtures can be ordered with an integrally mounted emergency battery • The emergency battery pack will run the fixture at a reduced illumination level for 90 minutes • Option available only with PG2-A04 fixtures • Operating ambient temperature range is -22°F to 113°F (-30°C to 45°C) • Available for 120V-277V ("UN" or individual voltage codes) • Only available with 4000K CCT fixtures.

**Motion Detection** The PG series luminaires can be equipped with two motion detection options • Both options use a sensor attached to the fixture that can be locally adjusted for sensitivity • Option "M" uses the sensor to switch the fixture ON and OFF (the fixture is normally OFF, and when motion is sensed the fixtures turns ON) • Option "S" uses the sensor to switch the fixtures from Low light setting to High light setting (the fixture is normally operating in the Low light setting, and when motion is detected the sensor switches the fixture to the High light setting) • The Low light level setting is approximately 20% of full light output • PG1 size fixtures are always supplied with the motion sensors attached to the side of the fixture • Standard PG2 size fixtures (no optional poly lens) are also supplied with the motion sensor attached to the side of the fixtures • PG2 size fixtures with the optional polycarbonate lens (PL option) are supplied with the sensor mounted to the poly lens, in the middle of the fixture

**Certification** Meets UL1598/CSA C22.2 250 standards • Suitable for wet locations • Union made • Meets "Buy American Act" • Assembled in the USA • 5 year limited warranty.

Specifications subject to change without notice.

**DIMENSIONS**



**PG1 WITH OPTIONAL POLYCARBONATE LENS**



**PG1 STANDARD FIXTURE**



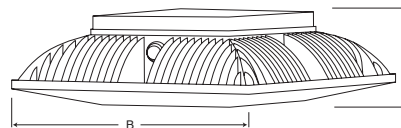
**PG2 WITH OPTIONAL POLYCARBONATE LENS**



**PG2 STANDARD FIXTURE**



**PG2 WITH OPTIONAL BATTERY PACK**



	A	B
<b>PG1</b>	4.5"	9"
<b>PG2</b>	4.5"	14"

**LED PERFORMANCE DATA 120V, 4000K CCT**

Catalog Number	Optics Type	Input Watts	PF	THDI %	Delivered Lumens	Efficacy (lm/W)
<b>PG1-A02-4K-UN-5R-SL</b>	Canopy	32	0.99	11.8	2,710	85
<b>PG1-A02-4K-UN-5R-SL-PL</b>	Canopy w/poly lens	32	0.99	11.8	2,353	74
<b>PG1-A04-4K-UN-5-SL</b>	Garage	54	0.98	12.0	5,454	101
<b>PG1-A04-4K-UN-5-SL-PL</b>	Garage w/poly lens	54	0.98	12.0	4,537	84
<b>PG1-A04-4K-UN-5R-SL</b>	Canopy	54	0.98	12.0	4,744	88
<b>PG1-A04-4K-UN-5R-SL-PL</b>	Canopy w/poly lens	54	0.98	12.0	4,034	75
<b>PG2-A08-4K-UN-5-SL</b>	Garage	84	0.92	12.1	8,169	97
<b>PG2-A08-4K-UN-5-SL-PL</b>	Garage w/poly lens	84	0.92	12.1	6,961	83
<b>PG2-A08-4K-UN-5R-SL</b>	Canopy	84	0.92	12.1	7,752	90
<b>PG2-A08-4K-UN-5R-SL-PL</b>	Canopy w/poly lens	84	0.92	12.1	6,307	76

# PG SERIES

## PARKING GARAGE LUMINAIRE

LED 5000 LUMEN AND 8000 LUMEN VERSIONS

### ORDERING INFORMATION

Example: PG1-A04-4K-UN-5-SL

Model	Engine Code	CCT	Voltage	Mounting	Distribution	Finish	Options
<b>PG1</b>	<b>A04</b>	<b>4K</b>	<b>UN</b>	<b>TR</b>	<b>5</b>	<b>SL</b>	<b>HS</b>
<b>PG1</b> Small Garage Lighter	<b>A04</b> 5000 Lumens <b>A02</b> 2500 Lumens	<b>4K</b> 4000K (Standard) <b>Optional CCT</b> <b>3K</b> 3000K <sup>5</sup> <b>35K</b> 3500K <sup>5</sup> <b>5K</b> 5000K <sup>5</sup>	<b>UN</b> 120-277V <b>E12</b> 120V <b>E20</b> 208V <b>E24</b> 240V <b>E27</b> 277V	<b>No Suffix</b> Surface or Pendant <sup>1</sup> <b>TR</b> Trunion	<b>5</b> Type 5 Square parking garage optics <b>5R</b> Type 5R Round canopy optics	<b>SL</b> Silver	<b>PC</b> Photo Control (must specify voltage) <b>M</b> Motion sensor ON/OFF (must specify voltage) <sup>2,4</sup> <b>S</b> Motion sensor HI/LOW (must specify voltage) <sup>2,4</sup> <b>PL</b> Polycarbonate lens <b>HS</b> Side Shield <b>D</b> Dimming 0-10VDC

Model	Engine Code	CCT	Voltage	Mounting	Distribution	Finish	Options
<b>PG2</b>	<b>A08</b>	<b>4K</b>	<b>UN</b>	<b>TR</b>	<b>5</b>	<b>SL</b>	<b>HS</b>
<b>PG2</b> Large Garage Lighter	<b>A08</b> 8000 Lumens <b>A04</b> 5000 Lumens	<b>4K</b> 4000K (Standard) <b>Optional CCT</b> <b>3K</b> 3000K <sup>5</sup> <b>35K</b> 3500K <sup>5</sup> <b>5K</b> 5000K <sup>5</sup>	<b>UN</b> 120-277V <b>UH</b> 347-480V <b>E12</b> 120V <b>E20</b> 208V <b>E24</b> 240V <b>E27</b> 277V <b>E34</b> 347V <b>E48</b> 480V	<b>No Suffix</b> Surface or Pendant <sup>1</sup> <b>TR</b> Trunion	<b>5</b> Type 5 Square parking garage optics <b>5R</b> Type 5R Round canopy optics	<b>SL</b> Silver	<b>PC</b> Photo Control (must specify voltage) <b>M</b> Motion sensor ON/OFF (must specify voltage) <sup>2,4</sup> <b>S</b> Motion sensor HI/LOW (must specify voltage) <sup>2,4</sup> <b>EX</b> Emergency battery, -22°F to 113°F. For A04 engine only <sup>3</sup> <b>PL</b> Polycarbonate lens <b>HS</b> Side Shield <b>D</b> Dimming 0-10VDC <b>WCR</b> Wireless Controls <sup>2</sup> Ready. For use with Daintree ControlScope Systems

Notes: <sup>1</sup>Surface mounting is achieved with a quick hanger (supplied); pendant mounting is achieved with pendant pipe and wet location j-box (supplied by others).

<sup>2</sup>Available with 120V or 277V only.

<sup>3</sup>Available for 120V-277V ("UN" voltage code or individual voltages) Option available only with PG2-A04 fixtures and only with 4000K CCT.

<sup>4</sup>PG1 sensors are mounted on the side of the fixture. PG2 sensors may be mounted on the side of the fixtures or on the poly lens option. See motion detection section on page 1 for more details.

<sup>5</sup>Optional LED CCTs are usually not in stock and may have a lead time.

### ACCESSORIES

Description	Catalog Number
Bird guard kit for PG1	<b>PG1BG</b>
Bird guard kit for PG2	<b>PG2BG</b>
Polycarbonate glare shield for PG1 (same as PL option but field installed)	<b>PG1PL</b>
Polycarbonate glare shield for PG2 (same as PL option but field installed)	<b>PG2PL</b>
Wire guard for PG1	<b>PG1WG</b>
Wire guard for PG2	<b>PG2WG</b>

Notes: Accessories are ordered and shipped separately for field installation.



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