

Spec Grade  
**PROlite** LED Lighting

A Division of Emergensee® Lighting, Inc.

TYPE: \_\_\_\_\_ DATE: \_\_\_\_\_  
JOB NAME: \_\_\_\_\_  
CONTRACTOR: \_\_\_\_\_  
CATALOG NO: \_\_\_\_\_  
NOTES: \_\_\_\_\_

## PCPG Series LED Compact Parking Garage



The PCPG LED Compact Parking Garage Series is designed to optimize LED life and light output. Housing is hinged for quick and easy mounting and entrance. Using high brightness, high LED count technology, more usable light output is produced while eliminating glare.

## Features & Specifications:

### Optical System

- The optics have been engineered specifically for parking garage applications. The distribution pattern has been created to optimize fixture spacing and reduce fixture counts while delivering improved visual comfort and eliminating glare.
- Lens assembly is designed to provide high efficiency and to target the light where needed to satisfy parking garage requirements.
- Positioning of the LEDs result in the light being directed to desired locations eliminating glare.
- 3000K | 4000K | 5000K color temperatures.
- Minimum CRI of 80.
- L70 Calculated Life: >200k Hours

### Electrical

- High-performance driver features over-voltage, under voltage, short-circuit and over temperature protection.
- 0-10 volt dimming (10% - 100%) standard.
- Standard Universal Voltage (120-277 Vac) Input 50/60 Hz
- Total harmonic distortion: <20%
- Power factor: >.85
- Driver Off-State Power is 0 watts.
- Components are fully encased in potting material for moisture resistance. Driver complies with FCC standards. Driver and key electronic components can easily be accessed.
- Minimum 4kV surge rating

### Controls

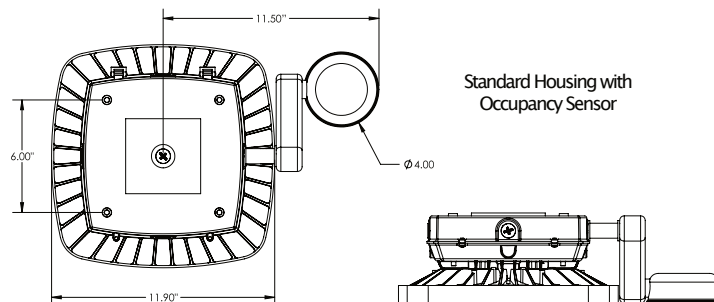
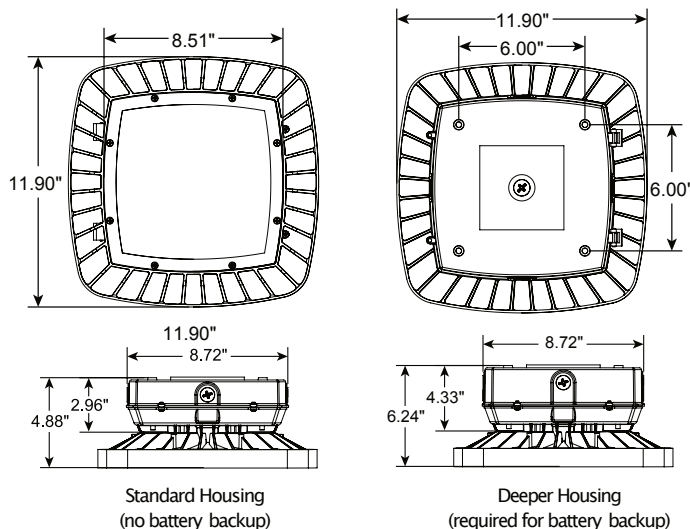
#### Wireless Controls System

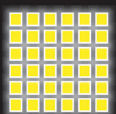
To make Airlink ready, order one of the following options:

- A. The integrated Wireless Lighting Controller: ALSC (see ordering guide) as the controls option, or
- B. Integrated Wireless Controller option (above) with integrated motion sensor: ALSCS (ordering guide for mounting heights)



### Dimensions





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## Features & Specifications (Cont.)

### Stand Alone Controls

- The passive infrared motion sensor activates switching of luminaire light levels.

### Construction

- Rugged aluminum die cast housing provides proven environmental protection for LED modules.
- Designed for commercial and industrial applications.
- Patent pending thermal stacking technology features a unique internal design that allows for lower operating temperatures which results in a brighter, whiter light, more stable color and longer LED and driver life.
- LEDs provide higher lumen output, greater energy efficiency and more reliable fixture performance.
- LEDs manufactured for the ACPG series utilize Epoxy Guard conformal coating which reduces the chance of board corrosion.
- Weight: 10.0 lbs in carton.

### Warranty

- LED Fixtures carry a 5-year warranty.

### Listings

- CSA listed to UL 1598 and UL 8750.
- Luminaire is certified to UL/cUL Standards for Wet Locations.
- IDA Listed (3000K or warmer CCT)
- DesignLights Consortium® (DLC) qualified product. Not all versions of this product DLC qualified.

### Installation:

- Apertures for continuous wiring.
- Housing is hinged for quick and easy mounting and entrance.
- Can be pendant mounted using 1/2" threaded conduit fitting (by other).

## Performance

Lumens	3000K		4000K		5000K		Wattage
	Delivered Lumens	Efficacy	Delivered Lumens	Efficacy	Delivered Lumens	Efficacy	
3L	3387	138.16	3387	138.16	3524	143.57	25
5L	5528	134.18	5528	134.18	5717	137.61	40
7L	7693	129.69	7693	129.69	7898	131.28	60
10L	9830	123.54	9830	123.54	10030	123.63	80

## Energy Savings

LED		HID			Annual Savings
Wattage	Annual Cost	Source Wattage	Total Wattage Used	Annual Cost	
25	\$11	50	72	\$52	\$41
		70	90	\$59	\$48
		100	129	\$77	\$66
40	\$18	100	129	\$77	\$59
		150	185	\$100	\$82
		175	210	\$112	\$94
60	\$26	200	232	\$128	\$102
		250	285	\$150	\$124
		400	458	\$226	\$200
80	\$35	200	232	\$128	\$93
		250	285	\$150	\$115
		400	458	\$226	\$191

## Ordering Guide:

Model	Lumen Package	Lens Type	Distribution	Voltage	Dimming	Color Temp	Color Rendering	Options / Controls	Finishes
<b>PCPG LED</b>		<b>CA</b>	<b>W</b>	<b>DIM</b>		<b>Blank</b>			
Compact Parking Garage Series	<b>3L</b> - 3,000 Lumens <b>5L</b> - 5,000 Lumens <b>7L</b> - 7,000 Lumens <b>10L</b> - 10,000 Lumens	Clear Acrylic	Wide	<b>UNV</b> - Universal (120V-277V) <b>HV</b> - High Voltage (347v-480V)	Dim to 10% (0 to 10V)	<b>30</b> - 3000K <b>40</b> - 4000K <b>50</b> - 5000K	Color Rendering Index	<b>ALSC</b> - Airlink Synapse Wireless Digital Controller <sup>1</sup> <b>OCSUE</b> - Occupancy Sensor, white housing 120-277V <sup>2</sup> <b>OCSHV</b> - Occupancy Sensor, white housing 480V <sup>2</sup> <b>EXT</b> - 0-10V Dimming leads extended to housing exterior <sup>2</sup> <b>CWBB</b> - Cold Weather Battery Backup -20°C to 50°C (-4°F to 122°F (requires deeping housing) <b>SP</b> - Surge Protection	<b>BZA</b> - Bronze <b>WHT</b> - White