

ACPG Series

LED Compact Parking Garage



The ACPG 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

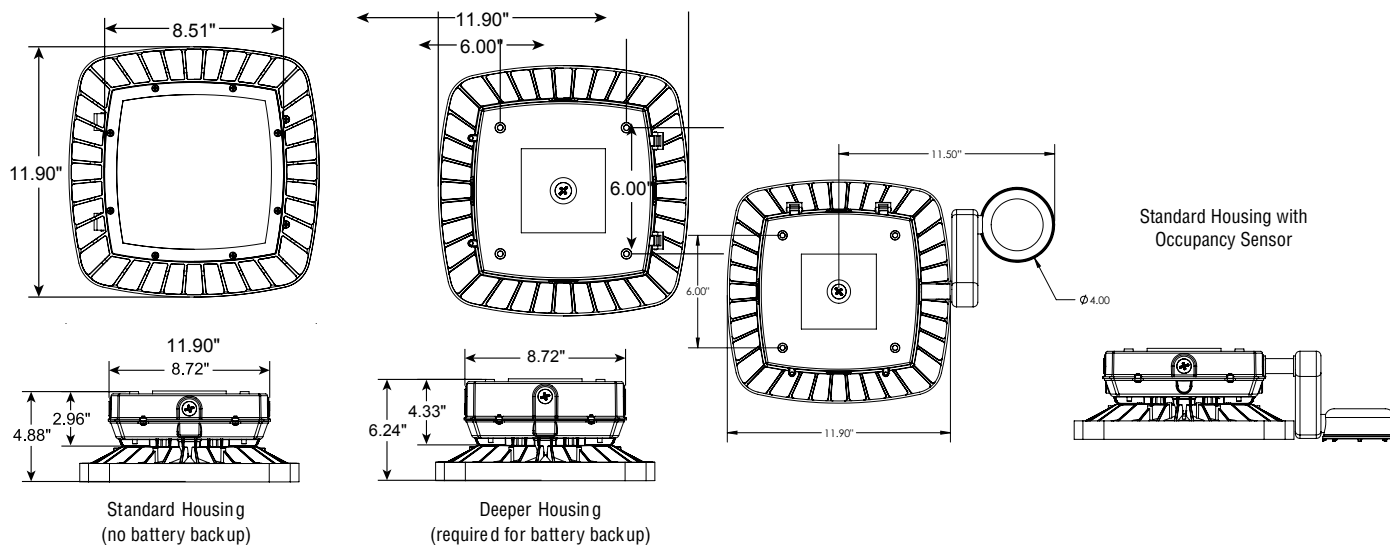
Optical System

- 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

Dimensions



Controls

Wireless Controls System

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

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

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 | | | |
|---------|-------------|----------------|--------------------|-------------|----------------|
| Wattage | Annual Cost | Source Wattage | Total Wattage Used | Annual Cost | Annual Savings |
| 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 |
|-------------------------------|--|---------------|--------------|--|-----------------------|--|--------------------------|---|-----------------------------|
| ACPG LED | | CA | W | | DIM | | Blank | | |
| Compact Parking Garage Series | 3L - 3,000 Lumens 5L - 5,000 Lumens 7L - 7,000 Lumens 10L - 10,000 Lumens | Clear Acrylic | Wide | UNV - Universal (120V-277V) HV - High Voltage (347v-480V) | Dim to 10% (0 to 10V) | 30 - 3000K 40 - 4000K 50 - 5000K | 80 Color Rendering Index | ALSC - Airlink Synapse Wireless Digital Controller¹ OCSUE - Occupancy Sensor, white housing 120-277V² OCSHV - Occupancy Sensor, white housing 480V² EXT - 0-10V Dimming leads extended to housing exterior² CWBB - Cold Weather Battery Backup -20°C to 50°C (-4°F to 122°F (requires deeping housing) SP - Surge Protection | BZA - Bronze WHT - White |