

Quadcast LED parking garage and canopy luminaire

Technical bulletin



Energy efficient optical control.

The Quadcast LED parking and canopy luminaire delivers energy-efficient optical control in a compact, low-profile rugged form with easy installation features. The patented innovative design incorporates fully adjustable optical light panels, delivering unparalleled energy savings while seamlessly integrating into existing or new spaces, including parking garage, canopy, stairwell or low-bay installations.



Superior illumination performance

Providing up to 80 percent energy and maintenance savings compared to traditional HID products, the efficient 54W Quadcast luminaire delivers a powerful output of 5,106 delivered lumens

Installer-friendly features

The easy-to-install, quick-mount plate in the Quadcast luminaire is designed with built-in, tool-less lever action release tabs, ensuring a secure installation.

Energy-efficient optical control

The Quadcast LED luminaire offers an integrated dimming and occupancy sensor in on/off and bi-level dimming operation to meet the stringest regulatory requirements.

Construction

- Slim, low-profile design
- Heavy-duty steel, concrete grey, two piece housing
- Hinged removable design with stainless steel captive hardware
- Easy to install steel, quick-mount bracket system allows for free-hand wiring
- Universal mounting plate mounts to 1 or 2 gang and 4" round wet location junction boxes
- Four, extruded aluminum light panels, IP66 rated
- UL/cUL wet location listed and 3G vibration rated
- IP66 rated LED enclosure

Optical

- Thermally optimized 4000K CCT LEDs
- Rotating LED light panels with integral locking feature. LED panels rotate from 0° to 150°
- Greater than 96 percent lumen maintenance at 60,000
- DesignLights Consortium™ Qualified*

Electrical

- Ambient temperature rating of -30°C to 40°C (-40°F to 104°F)
- 120-277V 50/60 Hz, 347V 60Hz
- Integral electronic LED driver incorporates surge protection

Controls

- Optional integrated sensor for occupancy and dimming

Accessories

- Decorative cover
- 6" pendant bird guard

Warranty

- Five-year warranty

Stock configurations

- See available stock configurations below

Stock Ordering Information

Stock Number	Description	Nominal Lumens	Wattage	HID Wattage Equivalent
QDCAST1B	LED Parking/Garage/Canopy Luminaire, Concrete Grey with Four Integral Locking Light Panels and Quick-Mount Bracket System, 120-277V 50/60 Hz	5,106	54W	175W
QDCAST1B-347V	LED Parking/Garage/Canopy Luminaire, Concrete Grey with Four Integral Locking Light Panels and Quick-Mount Bracket System, 347V 60Hz	5,106	54W	175W
QDCAST1B-MSP/DIM-L12	LED Parking Garage/Canopy Luminaire, Concrete Grey with Four Integral Locking Light Panels and Quick-Mount Bracket System, 120-277V 50/60 Hz. Includes Integral Occupancy Sensor and Photocontrol for Dimming	5,106	54W	175W
QDCAST1B-347-MSP/DIM-L12	LED Parking Garage/Canopy Luminaire, Concrete Grey with Four Integral Locking Light Panels and Quick-Mount Bracket System, 347V 60 Hz. Includes Integral Occupancy Sensor and Photocontrol for Dimming	5,106	54W	175W
QDCAST1B-MSP/L12	LED Parking Garage/Canopy Luminaire, Concrete Grey with Four Integral Locking Light Panels and Quick-Mount Bracket System, 120-277V 50/60 Hz. Includes Integral ON/OFF Occupancy Sensor and Photocontrol	5,106	54W	175W
QDCAST1B-347V-MSP/L12	LED Parking Garage/Canopy Luminaire, Concrete Grey with Four Integral Locking Light Panels and Quick-Mount Bracket System, 347V 60 Hz. Includes Integral ON/OFF Occupancy Sensor and Photocontrol	5,106	54W	175W

* DesignLights Consortium™ Qualified and classified for both DLC Standard and DLC Premium, refer to www.designlights.org for details.



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