



Catalog Number
Notes
Type

Contractor Select™

# BarnGuard LED

## Security Light

BarnGuard LED security lights combine a classic dayform with LED technology, ideal for upgrading the massive install base of mercury vapor or high pressure sodium (HPS) luminaires. The BarnGuard LED security lights feature high quality white light that makes them ideal for replacing the yellow light of HPS. And with up to 7,900 lumens there is enough light to replace up to 175W Mercury Vapor luminaires while saving up to 80% in energy costs. With an expected service life of over 10 years, the BarnGuard LED is a true maintenance-free solution.

**FEATURES:**

- Replace 175W Mercury Vapor lamps, with energy savings of up to 80%
- Combines a classic dayform with energy efficient LED technology. Payback within two years
- Built-in MVOLT (120V-277V) photo cell for dusk to dawn operation



Catalog Number	UPC	Description	Replaces Up To	Lumens	Wattage	Voltage	CCT	Finish	Pallet qty.
BGR LED P1 40K MVOLT PER DNA	194994252542	Security Light	175W Mercury Vapor	4,700	36W	120V -277V	4000K	GREY	72
BGR LED P2 40K MVOLT PER DNA	194994252559	Security Light	175W Mercury Vapor	7,900	56W	120V -277V	4000K	GREY	72
BGR LED P2 50K MVOLT PER DNA	194994252573	Security Light	175W Mercury Vapor	7,900	56W	120V -277V	5000K	GREY	72

More configurations are available. [Click here](#) or visit [www.acuitybrands.com](http://www.acuitybrands.com) and search for BGR LED.

<b>Accessories:</b> Order as separate catalog number.	
OMA	Mounting Arm
CI Code	*136XUY
UPC Code	00745973700907



## Specifications

### INTENDED USE:

The energy savings, long life and easy-to-install design of the BGR LED make it the smart choice for street and alleyway lighting, farms, and building-or-postmounted doorway, pathway and yard illumination for any commercial or residential facility. Use the BGR P1 for best energy savings and the BGR P2 for maximum illumination. MVOLT (120V-277V) input for both residential and commercial applications. Rated for operation up to 40°C (104°F) ambient temperature.

### CONSTRUCTION:

Die-cast aluminum housing with an impact-resistant, polycarbonate lens. The luminaire is sealed against moisture and environmental contaminants.

### OPTICS:

Removable lower diffuser provides some up-light for a traditional appearance and reduces discomfort glare. DesignLights Consortium® (DLC) qualified with or without diffuser. 80 min. CRI for BGR LED P1 and 70 min. CRI for BGR LED P2.

### ELECTRICAL:

Energy-efficient LEDs are mounted on the integral aluminum heat sink to maximize heat dissipation and promote long LED life (L70/100,000 hours at 25°C). 6kV surge protection. Twist-lock, replaceable, MVOLT (120V-277V) photocell is standard equipment.

### INSTALLATION:

Mounts directly to wooden posts or poles using (3) 2" lag bolts (included) or can be used with an existing 1-5/8" mounting arm. Can also be installed using the Lithonia Lighting OMA mounting arm (sold separately).

### LISTINGS:

UL Listed to U.S. and Canadian safety standards for wet locations.

DesignLights Consortium® (DLC) qualified product. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm.

### WARRANTY:

5-year limited warranty. Complete warranty terms located at:

[www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**Note:** Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

## Dimensions

All dimensions are inches (centimeters) unless otherwise indicated.

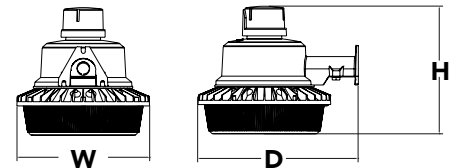
### TDD2:

Width: 9-1/2" (24.0 cm)

Height: 9-1/8" (23.0 cm)

Depth: 11-3/8" (29.0 cm)

Weight: 4.8 lbs. (2.17 kg)



### BACKPLATE:

Width: 2-3/4" (7 cm)

Height: 2-1/4" (5.6 cm)

Opening: 1-3/4" (4.5 cm)

