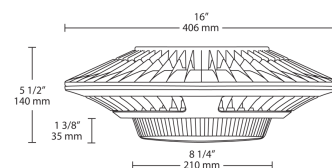


# GLE78YBBW/BL

78 Watts of energy efficient LED garage lighting replaces 250 Watt Metal Halide. 100,000 hour LED lifespan. 5 year warranty. High-performance output maximizes spacing criterion.

Color: White

Weight: 18.2 lbs



## LED Info

Watts: 78W  
Color Temp: 3000K (Warm)  
Color Accuracy: 83  
L70 Lifespan: 100000  
LM79 Lumens: 5762  
Efficacy: 64 LPW

## Driver Info

Type: Constant Current  
120V: 0.74A  
208V: 0.47A  
240V: 0.41A  
277V: 0.35A  
Input Watts: 90W  
Efficiency: 87%

## Technical Specifications

### GLE78 with Bi-Level Operation:

Allows 33%-66%-100% output modes.

### UL Listing:

Suitable for Wet Locations. Covered Ceiling Mount Only.

### Lumen Maintenance:

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

### LEDs:

6x13W high-output, long-life LEDs.

### Drivers:

3x26W Driver, Constant Current, Class 2, 100V-277V, 50/60 Hz, 6kv Surge Protection, 720mA, 100-277VAC 0.4 Amps.

### Power Factor:

99.6% at 120V, 91% 277V

### THD:

8.0% at 120V, 11% at 277V

### Cold Weather Starting:

Minimum starting temperature is -40°C (-40°F).

### Ambient Temperature:

Suitable for use in 40°C (104°F) ambient temperatures.

### Thermal Management:

Superior heat sinking with integrated air-flow fins.

### Housing:

Precision die-cast aluminum housing and door frame.

### Mounting:

Easy hanging plate with hooks for ceiling mount.

### Back Box:

The ceiling backbox is perfect for adding sensors or making splices to the GLED™ family of products. Surface mounts over any shape box and covers unsightly stains or gaps. Five (1/2") conduit entries enable wiring directly from the back or through the sides using surface conduit.

### Lens:

Prismatic polycarbonate lens.

### Reflector:

Specular vacuum-metallized polycarbonate

### Gaskets:

High-temperature silicone.

### Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contains no VOC or toxic heavy metals.

### Color Consistency:

3-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color.

### Color Stability:

LED color temperature is warrantied to shift no more than 200K in CCT over a 5 year period.

### Color Uniformity:

RAB's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2011.

### Equivalency:

The GLED78 is Equivalent in delivered lumens to 250W Metal Halide.



Tech Help Line: 888 RAB-1000

Email: [sales@rabweb.com](mailto:sales@rabweb.com)

On the web at: [www.rabweb.com](http://www.rabweb.com)

GLED78YBBW/BL - continued

**Green Technology:**

Mercury and UV Free, and RoHS compliant.

**IESNA LM-79 & LM-80 Testing:**

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have received the Department of Energy "Lighting Facts" label.

**California Title 24:**

GLED78BB/BL complies with 2013 California Title 24 building and electrical codes as a commercial indoor fixture for corridors, stairwells, warehouses and covered parking garages when used with an occupancy sensor. Select an occupancy sensor using catalog number LOSBAY800.

**Patents:**

The design of GLED78 is protected by patents pending in US, Canada, China, Taiwan and Mexico.

**Country of Origin:**

Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

**Buy American Act Compliant:**

This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

**Recovery Act (ARRA) Compliant:**

This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

**Trade Agreements Act Compliant:**

This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

**GSA Schedule:**

Suitable in accordance with FAR Subpart 25.4.

