



52 Watts of energy efficient LED garage lighting replaces 175 Watt Metal Halide. 100,000 hour LED lifespan. 5 year warranty. High-performance output maximizes spacing criterion.

Color: Bronze

Weight: 18.2 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type: Constant Current
120V: 0.49A
208V: 0.31A
240V: 0.27A
277V: 0.24A
Input Watts: 59W
Efficiency: 88%

LED Info

Watts: 52W
Color Temp: 5100K (Cool)
Color Accuracy: 68 CRI
L70 Lifespan: 100,000
Lumens: 4,975
Efficacy: 84 LPW

Technical Specifications

Listings

UL Listing:

Suitable for Wet Locations. Covered Ceiling Mount Only.

DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.

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.

Optical

Lumen Maintenance:

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

BUG Rating:

B3 U3 G2

LED Characteristics

LEDs:

4x13W high-output, long-life LEDs.

Color Consistency:

7-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.

Electrical

Drivers:

2x26W 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, 90.2% 277V

THD:

8.3% at 120V, 11.5% at 277V

Construction

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.

Lens:

Prismatic polycarbonate lens.

Reflector:

Specular vacuum-metallized polycarbonate with ultra-white, 97% reflective optics.

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.

Other

Equivalency:

The GLED52 is Equivalent in delivered lumens to 175W Metal Halide.

Green Technology:

Mercury and UV Free, and RoHS compliant.

California Title 24:

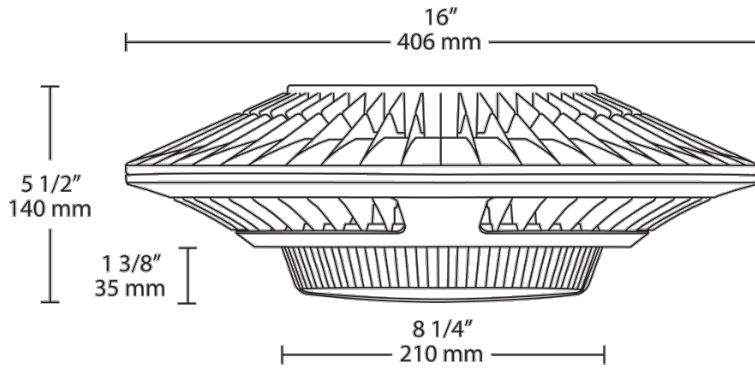
See GLED52BB/BL or GLED52/D10 for a 2013 California Title 24 compliant product. Any additional component requirements will be listed in the Title 24 section under technical specifications on the product page.

Patents:

The design of GLED52 is protected by patents pending in US, Canada, China, Taiwan and Mexico.

GLED52

Dimensions



Features

Low-profile design Ideal for Parking Garages

52W Replaces 175W MH Luminaires

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

Up to 25% Reduction in Fixture Count

Lock screw provided for pendant mount