



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: Bronze Weight: 16.6 lbs

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info		
Type	Constant Current	Watts	52W	
120V	0.49A	Color Temp	5100K (Cool)	
208V	0.31A	Color Accuracy	74 CRI	
240V	0.27A	L70 Lifespan	100,000 Hours	
277V	0.24A	Lumens	5,952	
Input Watts	54.8W	Efficacy	108.6 lm/W	

Technical Specifications

Compliance

UL Listed:

Suitable for wet locations

IESNA LM-79 & LM-80 Testing:

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

Performance

Lifespan:

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

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 color temperature over a 5year period

Color Uniformity:

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

Construction

Cold Weather Starting:

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

Maximum Ambient Temperature:

Suitable for use in up to 40°C (104°F)

Housing:

Precision die-cast aluminum housing and door

Mounting:

Pendant provided by others. Threads are 1/2 inch NPS. Stem insertion depth not to exceed 5/8 inch. Lock screw provided on fixture.

Lens

Prismatic polycarbonate lens

Reflector:

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

Gaskets:

High-temperature silicone



Technical Specifications (continued)

Construction

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

Other

Patents:

The design of GPLED52 is protected by patents pending in US, Canada, China, Taiwan and Mexico

Equivalency:

Equivalent to 175W Metal Halide

Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Optical

BUG Rating:

B3 U3 G2

Electrical

Drivers:

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

THD:

8.1% at 120V, 16.6% at 277V

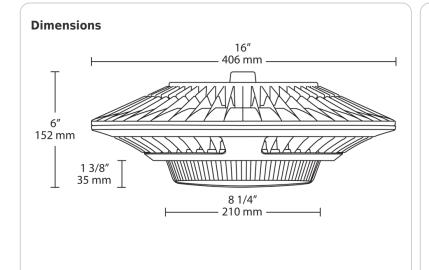
Power Factor:

99.1% at 120V, 90.9% at 277V

Listings

DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. DLC Product Code: PVZ4XCZM



Features

Low-profile design Ideal for Parking Garages

78W Replaces 250W 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



Ordering Matrix						
Family	Wattage	Color Temp	Back Box	Finish	Options	
GPLED	52					
	26 = 26W 52 = 52W 78 = 78W	Blank = 5000K (Cool) N = 4000K (Neutral) Y = 3000K (Warm)	Blank = No Backbox BB = Back Box	Blank = Bronze W = White	Blank = No Option /D10 = 0-10V Dimming /480 = 480V /480/D10 = 480V w/ 0-10V Dimming /BL = Bi-Level	