GPLED52/480/D10

RAB

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: 18.3 lbs

Driver Info

Type	Constant Current
120V	N/A
208V	N/A
240V	N/A
277V	N/A
Input Watts	52.4W

LED Info

Watts	52W
Color Temp	5100K (Cool)
Color Accuracy	71 CRI
L70 Lifespan	100,000 Hours
Lumens	5,940 lm
Efficacy	113.4 lm/W

Technical Specifications

Compliance

UL Listed:
Suitable for wet locations

DLC Listed:
This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.
DLC Product Code: PMJE9UC2

Performance

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

Wattage Equivalency:
Equivalent to 175W Metal Halide

Electrical

Driver:
Driver: Constant Current, Class 2, 480V, 50/60 Hz, 6kv Surge Protection, 480V: 0.12A

Dimming Driver:
Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

THD:
7.52% at 480V

Power Factor:
88.8% at 480V

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 5-year 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:
The minimum starting temperature is -40°C (-40°F)

Maximum Ambient Temperature:
Suitable for use in up to 40°C (104°F)

Thermal Management:
Superior heat sinking with integrated air-flow fins

Housing:
Precision die-cast aluminum housing and door frame

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

Finish:
Formulated for high durability and long-lasting color

Green Technology:
Mercury and UV free. RoHS-compliant components.

Technical Specifications (continued)

Other

Patents:

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

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.
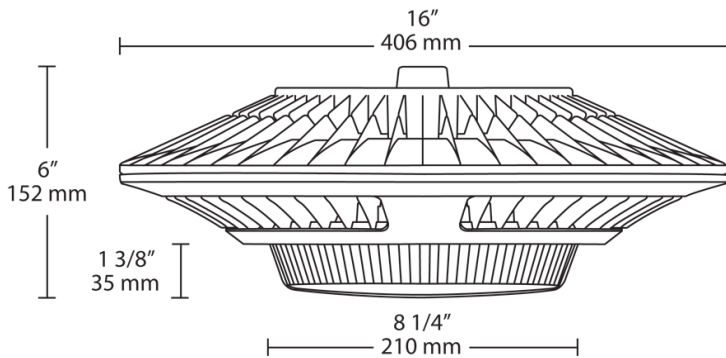
Buy American Act Compliance:

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

Dimensions

16"
406 mm

6"
152 mm

1 3/8"
35 mm

8 1/4"
210 mm

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	Driver
GPLED	52				/480/D10

	26 = 26W	**Blank =** 5000K Cool	**Blank =** No Backbox	**Blank =** Bronze	**Blank =** No Option
	52 = 52W	**N =** 4000K Neutral	**BB =** Back Box	**W =** White	**/D10 =** 0-10V Dimming
	78 = 78W	**Y =** 3000K Warm			**/480 =** 480V
					/480/D10 = 480V w/ 0-10V Dimming
					/BL = Bi-Level