



52 Watts of energy efficient LED garage lighting replaces 175 Watt Metal Halide. 100,000 hour LED lifespan. 5-year, no-compromise warranty. High-performance output maximizes spacing criterion.

Color: White

Weight: 17.4 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

| Type        | Constant Current |
|-------------|------------------|
| 120V        | 0.45A            |
| 208V        | 0.29A            |
| 240V        | 0.25A            |
| 277V        | 0.20A            |
| Input Watts | 53.5W            |

LED Info

|                |                 |
|----------------|-----------------|
| Watts          | 52W             |
| Color Temp     | 4000K (Neutral) |
| Color Accuracy | 71 CRI          |
| L70 Lifespan   | 100,000 Hours   |
| Lumens         | 6,095 lm        |
| Efficacy       | 113.9 lm/W      |

Technical Specifications

Compliance

UL Listed:

Suitable for Wet Locations. Covered Ceiling Mount Only.

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.

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: PJ4MM45S

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, 120V-277V, 50/60 Hz, 6kv Surge Protection, 120V: 0.45A, 208V: 0.29A, 240V: 0.25A, 277V: 0.20A

Dimming Driver:

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

THD:

3.2% at 120V, 6.08% at 277V

Power Factor:

99.9% at 120V, 96.5% at 277V

LED Characteristics

LEDs:

4x13W high-output, long-life LEDs

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 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)

Housing:

Precision die-cast aluminum housing and door frame

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.

Installation

Mounting:

Easy hanging plate with hooks for ceiling mount

