



Color: Silver trim

Weight: 2.9 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type	Constant Current
120V	0.08A
208V	N/A
240V	N/A
277V	N/A
Input Watts	8.3W

LED Info

Watts	8W
Color Temp	4000K (Neutral)
Color Accuracy	83 CRI
L70 Lifespan	50,000 Hours
Lumens	742 lm
Efficacy	89.4 lm/W

Technical Specifications

Compliance

UL Listed:

Suitable for wet locations in a covered ceiling

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.

Construction

IC Rated:

Suitable for direct contact with insulation

Trim Component:

This component can be ordered with New Construction housing in order to make a complete fixture.

[See here for New Construction Housing](#)

Maximum Ambient Temperature:

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

Cold Weather Starting:

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

Lens:

Nanostructure lens eliminates "hot spots", and helps provide smooth, uniform light and higher efficiency

Junction Box:

Integral junction box with wiring capacity for Min 60°C supply conductors End of Run

Housing:

Specification-grade, die-cast aluminum construction

Installation:

Torsion springs easily install into ceiling collar (remodeler) or rough-in (new construction)

Trim Ring:

Silver powder coated die cast 1/2" trim ring

Green Technology:

Mercury and UV free. RoHS-compliant components.

Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color

Performance

Lifespan:

50,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

Wattage Equivalency:

Equivalent to 50W MR16

LED Characteristics

LED:

High-output, long-life LED with 2-step binning and integrated driver technology

Color Consistency:

2-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

Electrical

Driver:

Constant Current, Class 2, 120VAC Only, 50/60Hz, 200mA, 0.07A

Dimming Driver:

TRIAC and ELV (at 120V only).
[See dimmer compatibility guide here.](#)

Optical

Optics:

30° beam spread with specular thermoplastic optics

