



160W LED High Bay fixture with over 10,000 lumens. Available in four head configuration. Ideal for large indoor spaces, including warehouses, gymnasiums, and distribution centers.

Color: White

Weight: 41.2 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type: Constant Current
 120V: 1.32A
 208V: 0.80A
 240V: 0.69A
 277V: 0.58A
 Input Watts: 157W
 Efficiency: N/A

LED Info

Watts: 160W
 Color Temp: 5100K (Cool)
 Color Accuracy: 72 CRI
 L70 Lifespan: 100,000
 Lumens: 14,304
 Efficacy: 91 LPW

Technical Specifications

Listings

UL Listing:

Suitable for wet locations.

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.

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: PDBKMFNE

Electrical

Driver:

Constant Current, Class 2, 100-277V, 50-60Hz, 120V: 1.32A, 208V: 0.80A, 240V: 0.69A, 277V: 0.58A, 4kV surge protection

Power Factor:

99.7% at 120V, 95.3% at 277V

THD:

3.4% at 120V, 8.5% at 277V

Optical

Optics:

120° downlight

Construction

Ambient Temperature:

Suitable for use in 55°C (131°F)

Thermal Management:

Superior thermal management with external Air-Flow fins.

Housing:

Die-cast aluminum.

IP Rating:

Luminaire heads are rated IP66, protected against dust and water ingress.

Lens:

Solite glass

Reflector:

Vacuum-metallized polycarbonate

Mounting:

Flush mount, V hook for chain mount (chain by others), or 3/4" NPS for pendant mount (pendant by others).

Gaskets:

High temperature silicone gaskets.

Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contains no VOC or toxic heavy metals.

Green Technology:

Mercury and UV free, and RoHS compliant. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

LED Characteristics

Lifespan:

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

LEDs:

Long-life, high-efficiency surface mount LEDs

Color Stability:

LED Color temperature is warranted 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 C78.377-2015.

Other

Equivalency:

FALCOR 160W is equivalent to 250 Watt MH.

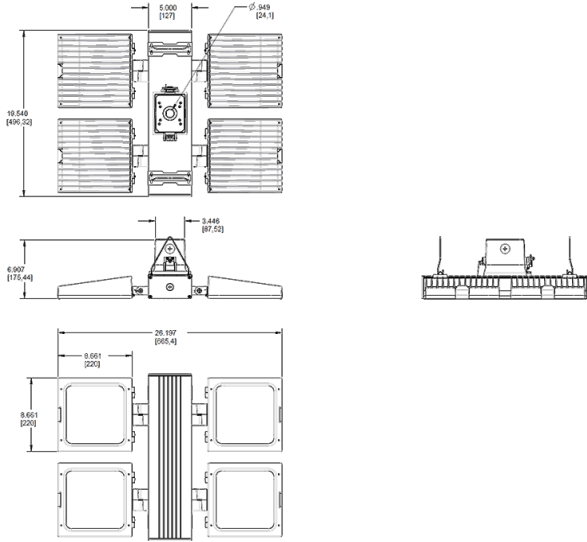
California Title 24:

See FALCOR models with 0-10V dimming capability (/D10 suffix in catalog number) 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.

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.

Dimensions



Features

- High-output, high performance industrial high bay
- IP66 rating keeps dust and water out
- High ambient temperature rating of 55°C
- Diffusion lens reduces glare
- Multiple mounting options: pendant, surface or chain
- 100,000-Hour LED lifespan
- 5 Year warranty

Ordering Matrix

Family	Watts	Color Temp	Finish	Voltage	Dimming
FALCOR	160 = 160W	= 5000K (Cool) Y = 3000K (Warm) N = 4000K (Neutral)	W = White	= 120-277V /480 = 480V	= No Dimming /D10 = Dimmable