



80W LED Low-Bay fixture with over 5,000 lumens. Available in 80W in two head configuration. Ideal for large indoor spaces, including warehouses, gymnasiums, and distribution centers.

Color: White

Weight: 23.8 lbs

**Project:**

**Type:**

**Prepared By:**

**Date:**

#### Driver Info

Type: Constant Current  
 120V: 0.68A  
 208V: 0.42A  
 240V: 0.36A  
 277V: 0.30A  
 Input Watts: 79W  
 Efficiency: N/A

#### LED Info

Watts: 80W  
 Color Temp: 5100K (Cool)  
 Color Accuracy: 72 CRI  
 L70 Lifespan: 100,000  
 Lumens: 6,965  
 Efficacy: 88 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: P3CKX9K4

### Electrical

#### Driver:

Constant Current, Class 2, 100-277VAC, 50-60Hz, 120V: 0.68A, 208V: 0.42A, 240V: 0.36A, 277V: 0.30A, 4kV surge protection

#### Power Factor:

99.8% at 120V, 94.5% at 277V

#### THD:

5.0% at 120V, 10.0% 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 80W is equivalent to 150 Watt MH.

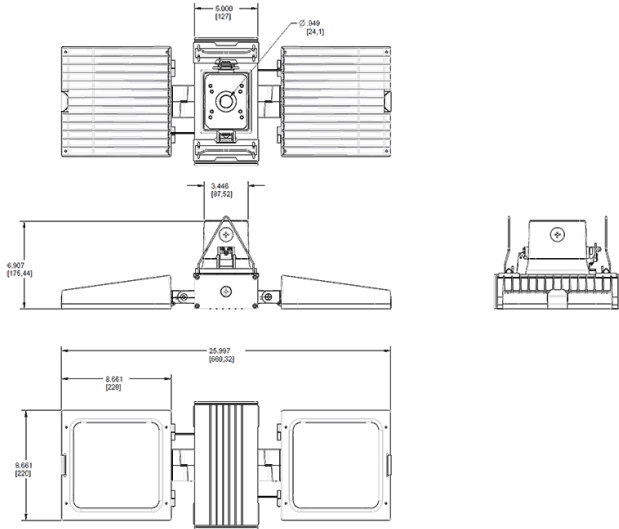
#### California Title 24:

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	80 = 80W	= 5000K (Cool) Y = 3000K (Warm) N = 4000K (Neutral)	W = White	= 120-277V /480 = 480V	= No Dimming /D10 = Dimmable