



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

<b>Project:</b>	<b>Type:</b>
<b>Prepared By:</b>	<b>Date:</b>

Driver Info		LED Info	
Type:	Constant Current	Watts:	80W
120V:	N/A	Color Temp:	4000K (Neutral)
208V:	N/A	Color Accuracy:	75 CRI
240V:	N/A	L70 Lifespan:	100,000
277V:	N/A	Lumens:	6,664
Input Watts:	78W	Efficacy:	85 LPW
Efficiency:	N/A		

## 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.

### Electrical

#### Driver:

Constant Current, Class 2, 347-480V, 4kV surge protection

#### Power Factor:

95.2% at 120V

#### THD:

11.8% at 120V

### 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.

#### Country of Origin:

Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

#### Buy American Act Compliant:

This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

#### Recovery Act (ARRA) Compliant:

This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

## Technical Specifications (continued)

### Other

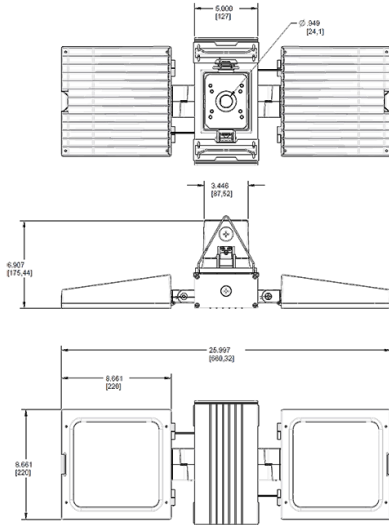
#### Trade Agreements Act Compliant:

This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

#### GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

### 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