



160W LED High Bay fixture with over 10,000 lumens. Available in four head configuration. Ideal for uniform vertical light distribution for improved aisle lighting in environments such as warehouses, 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: 13,889  
 Efficacy: 89 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: P1DW5HUZ

### 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:

99.8% at 120V, 95.4% at 277V

#### THD:

3.5% at 120V, 8.6% at 277V

### 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.

#### 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

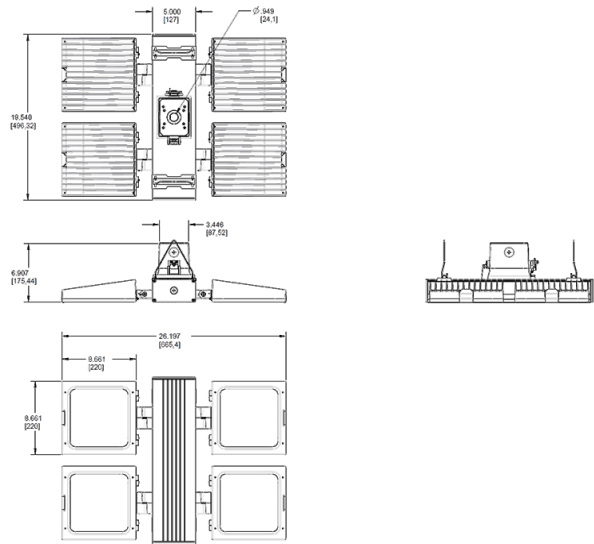
Trade Agreements Act Compliant:

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                         |
|---------|------------|-----------------------------------------------------------|-----------|---------------------------|---------------------------------|
| FALCORA | 160 = 160W | = 5000K (Cool)<br>Y = 3000K (Warm)<br>N = 4000K (Neutral) | W = White | = 120-277V<br>/480 = 480V | = No Dimming<br>/D10 = Dimmable |