



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	79.90W
Efficiency	N/A

LED Info

Watts	80.00W
Color Temp	4000K (Neutral)
Color Accuracy	75 CRI
L70 Lifespan	100,000
Lumens	6,678
Efficacy	83.6 LPW

Technical Specifications

Listings

UL Listing:

Suitable for wet locations

Optical

Optics:

120° downlight

Construction

Cold Weather Starting:

Minimum starting temperature is -40°C (-40°F)

Ambient Temperature:

Suitable for use in 55°C (131°F)

Thermal Management:

Superior thermal management with external "Air-Flow" fins

Housing:

Precision die-cast aluminum

Lens:

Solite glass lens

Reflector:

Vacuum-metalized 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:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

LED Characteristics

Lifespan:

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

LEDs:

Long-life, high-efficacy surface mount LEDs

Color Stability:

LED Color temperature is warrantied 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 C78.377-2017.

Other

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. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Equivalency:

Equivalent to 150W Metal Halide

Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Technical Specifications (continued)

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

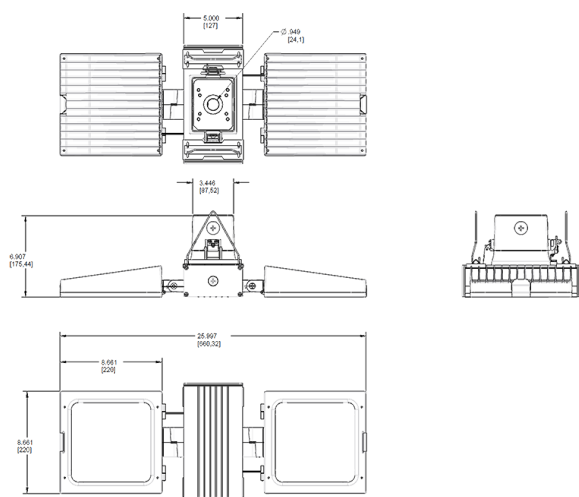
THD:

4.6% at 120V, 9.7% at 277V

Power Factor:

99.6% at 120V, 94.9% at 277V

Dimensions



Features

- High-output, high performance industrial high bay
- 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, No-Compromise Warranty

Ordering Matrix

Family	Fixture	Wattage	Color Temp	Finish	Driver Options
FALCOR		80	N	W	
	Blank = Highbay A = Aisle Lighter	80 = 80W (2 heads) 160 = 160W (4 heads) 230 = 230W (4 heads)	Blank = 5000K (Cool) N = 4000K (Neutral) Y = 3000K (Warm)	W = White	Blank = 120-277V On/Off /D10 = 120-277V w/ 0-10V Dimming /480 = 480V On/Off /D10/LC = 0-10V Dimming w/ Lightcloud® Controller