RAIL175/E

RAB

Premium, linear high bay available in five sizes/wattages. Ultra-high efficacy. Designed to be ecofriendly

Color: White/aluminum   Weight: 11.4 lbs

Project:	Type:
Prepared By:	Date:

Driver Info

Type	Constant Current
120V	1.45A
208V	0.84A
240V	0.72A
277V	0.63A
Input Watts	178.9W

LED Info

Watts	175W
Color Temp	5000K (Cool)
Color Accuracy	83 CRI
L70 Lifespan	100,000 Hours
Lumens	25,527 lm
Efficacy	142.7

Technical Specifications

Compliance

UL Listed:
Suitable for damp locations

IESNA LM-79 &lm-80 Testing:
RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNAlm-79 andlm-80

DLC Listed:
This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.
DLC Product Code: S-H56WFO

Performance

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

Wattage Equivalency:
Equivalent to 400W Metal Halide

LED Characteristics

LEDs:
Long-life, high-efficacy, surface-mount LEDs

Color Consistency:
3-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

Color Stability:
LED Color temperature is warrantied to shift no more than 200K in color temperature over a 5-year period

Color Uniformity:
RAB's range of 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.

Electrical

Driver:
Constant Current, Class 2, 120-277V, 50/60Hz, 120V: 1.45A, 208V: 0.84A, 240V: 0.72A, 277V 0.63A

THD:
2.05% at 120V, 8.21% at 277V

Power Factor:
99.8% at 120V, 95.9% at 277V

Surge Protection:
6kV

Battery Backup:
Battery backup will operate the fixture for 90 minutes if power fails. Wired for 120-277V.

Battery Backup Light Loss Factor:
0.144

Construction

Cold Weather Starting:
The minimum starting temperature is -20°C (-4°F)

Maximum Ambient Temperature:
Suitable for use in up to 45°C (113°F)

Housing:
Extruded aluminum

Lens:
Polycarbonate lens

Reflector:
Polyethylene Terephthalate (PET)

Mounting:
V hooks (chain by others)
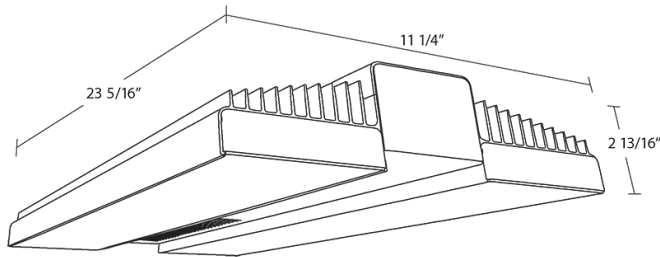
Other

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.

Technical Specifications (continued)

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.

Dimensions

11 1/4"

23 5/16"

2 13/16"

Features

100,000-Hour LED lifespan

DLC Premium Listed

0-10V dimming, standard

5-Year, No-Compromise Warranty

Ordering Matrix

Family	Wattage (Length)	Color Temp	Voltage	Options
RAIL	175			/E

90 = 90W (13")	**Blank =** 5000K	**Blank =** 120-277V, 0-10V Dimming	**/LC =** Lightcloud® Controller, 120-480V	
150 = 150W (20")	**N =** 4000K	**/480 =** 480V, 0-10V Dimming	**/LCS =** Lightcloud® Sensor, 120-277V	
175 = 175W (23")			**/PIR =** Passive Infrared Sensor, 120-277V	
225 = 225W (31")			**/MVS =** Microwave Occupancy Sensor, 120-277V	
400 = 400W (46")			**/E =** Battery Backup, 120-277V	
			/LC/E = Lightcloud® Controller w/ Battery Backup, 120-277V [1]	
			/LCS/E = Lightcloud® Sensor w/ Battery Backup, 120-277V [1]	
			/PIR/E = Passive Infrared Sensor w/ Battery Backup, 120-277V	
			/MVS/E = Microwave Occupancy Sensor w/ Battery Backup, 120-277V	
			Blank = No Option	

[1] *Available in 150W, 175W, 225W and 400W only*

Need help? Tech help line: **(888) 722-1000** Email: **sales@rablighting.com** Website: **www.rablighting.com**

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