RAIL150NW/D10/LC/E2

RAB

Project:	Type:
Prepared By:	Date:

High efficiency. High output. High Bay RAIL.

Color: White   Weight: 15.6 lbs

Driver Info

Type	Constant Current
120V	1.12A
208V	0.70A
240V	0.60A
277V	0.51A
Input Watts	134.2W

LED Info

Watts	150W
Color Temp	4000K (Neutral)
Color Accuracy	N/A
L70 Lifespan	100,000 Hours
Lumens	18,839 lm
Efficacy	140.4 lm/W

Technical Specifications

Lightcloud

Lightcloud Controller Installed:
Integrated/embedded networked lighting control, luminaire-level lighting control. Fixture, Zone, and plug-load control from one powerful device. LLLC - capable of switching, 0-10Vdimming, power/energy monitoring. Can also be used to extend the range of the Lightcloud mesh network communication protocols. Offers the capability to set the maximum light output to a less-than-maximum state of an individual luminaire at the time of installation or commissioning. The High-End trim functionality is field reconfigurable via the Lightcloud mesh network communication protocols. The Lightcloud controller can be attached to the fixture, junction box, or electrical panel.
DLC system - N1XMLOEATBA
Learn more about Lightcloud.

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 IESNA LM-79 and LM-80.

Performance

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

LED Characteristics

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

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.

Construction

Ambient Temperature:
Suitable for use 12 hours a day, 6 days a week in 60°C (140°F). Suitable for 24/7 use in up to 55°C (131°F).

Housing:
Extruded aluminum

Lens:
High-transmittance polystyrene

Reflector:
Specular, high-reflectance aluminum with 95% reflectivity

Mounting:
V hooks (chain by others)

Electrical

Driver:
Constant Current, Class 2, 120-277V, 50/60Hz, 120V: 1.12A, 208V: 0.70A, 240V: 0.60A, 277V 0.51A

THD:
6.7% at 120V, 10.05% at 277V

Power Factor:
99.8% at 120V, 94.9% at 277V

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

Battery Backup Light Loss Factor:
0.186

Other

Replacement:
Replaces 175-320W MH

Technical Specifications (continued)

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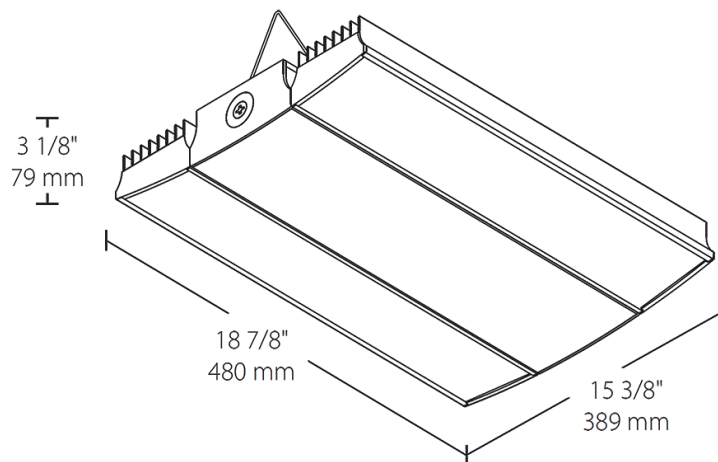
Buy American Act Compliance:
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Sensor Specifications

Handheld Wireless Configuration Tool:
Adjust settings using handheld wireless configuration tool (catalog# WSREM). Only available with 0-10V dimming driver options. Handheld wireless configuration tool available here.

Dimensions

3 1/8"
79 mm

18 7/8"
480 mm

15 3/8"
389 mm

Features

Ideal for large spaces

100,000-hour lifespan - virtually maintenance free operation

0-10V driver for variable dimming down to 10%

Low-glare design with semi-diffuse lens

Ordering Matrix

Family	Wattage	Color Temp	Finish	Driver Options	Control Options	Other Options
RAIL	150	N	W	/D10	/LC/E2	

Family	Wattage	Color Temp	Finish	Driver Options	Control Options	Other Options
	150 = 150W	**Blank** = 5000K Cool	**W** = White	**/D10** = 120-277V, 0-10V Dim	**Blank** = No Option	**Blank** = Standard
	185 = 185W	**N** = 4000K Neutral		**/480/D10** = 480V, 0-10V Dim	**/LC/E2** = Lightcloud Controller w/Battery Pack [2]	**USA** = BAA Compliant
	225 = 225W	**YN** = 3500K Warm Neutral			**/E2** = Battery Pack	
	400 = 400W				**/LCS** = Lightcloud Sensor	
	95 = 95W				**/LC** = Lightcloud Controller	
					/LOS = LOSBAY 800 Sensor	
					/WS4 = Multi-Level Motion Sensor 40 ft [1]	
					/WS2 = Multi-Level Motion Sensor 20 ft [1]	
					/BL = Bi-Level Control	

[1] WS2 with 20' lens only available for 95 and 150W models; WS4 with 40' lens only available for 185 and 225W models. Both sensors only available with /D10 dimming drivers, but not with 480V driver.

[2] Not available in RAIL 400W