RAIL225NW/D10/BL





Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info	
Туре	Constant Current	Watts	225W
120V	1.68A	Color Temp	4000K (Neutral)
208V	1.02A	Color Accuracy	83 CRI
240V	0.88A	L70 Lifespan	100,000 Hours
277V	0.74A	Lumens	26,926 lm
Input Watts	192.7W	Efficacy	139.7 lm/W

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 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 55° C (131°F). Suitable for 24/7 use in up to 40° C (104° F).

Housing:

Extruded aluminum

Lens:

High-transmittance polystyrene

Reflector:

Specular, high-reflectance aluminum with 95% reflectivity

Mounting:

V hooks (chain by others)

Recommended Mounting Height:

Up to 50 ft

Other

Bi-Level:

Allows 25%, 50% or 75% output modes

Replacement:

Replaces 350-400W MH

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.

Electrical

Driver

Constant Current, Class 2, 120-277V, 50/60Hz, 120V: 1.68A, 208V: 1.02A, 240V: 0.88A, 277V 0.74A

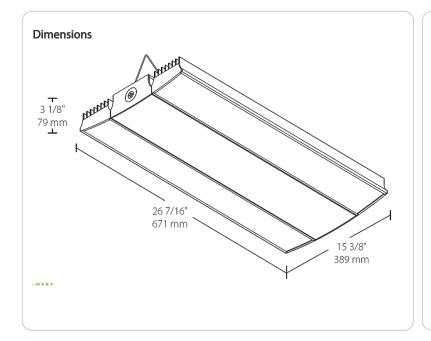
THD:

4.56% at 120V, 6.61% at 277V

Power Factor:

99.9% at 120V, 94.8% at 277V





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	225	N	W	/D10	/BL	
	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