RAIL185NW/D10

Project:		Type:	
Prepared By:		**Date:**	

Driver Info

		LED Info	
Type	Constant Current	Watts	185W
120V	1.37A	Color Temp	4000K (Neutral)
208V	0.81A	Color Accuracy	77 CRI
240V	0.71A	L70 Lifespan	100,000
277V	0.60A	Lumens	21,357
Input Watts	163W	Efficacy	131 LPW
Efficiency	N/A		

High efficiency. High output. High Bay RAIL.

Color: White   Weight: 17.6 lbs

Technical Specifications

Listings

UL Listing:

Suitable for damp locations

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.
DLC Product Code: P8V27ZAD

LED Characteristics

Lifespan:

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

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.

Electrical

Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims as low as 10%.

THD:

5.4% at 120V, 7.5% at 277V

Power Factor:

99.8% at 120V, 96.6% at 277V

Driver:

Constant Current, Class 2, 120-277V, 50/60Hz, 120V: 1.37A, 208V: 0.81A, 240V: 0.71A, 277V 0.60A

Construction

Maximum 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 50°C (122°F).

Housing:

Extruded aluminum

Lens:

High-transmittance polystyrene

Reflector:

Specular, high-reflectance aluminum with 95% reflectivity

Mounting:

V hooks (chain by others)

Finish:

Formulated for high-durability and long lasting color

Green Technology:

Mercury and UV-free. RoHS compliant components.

Recommended Mounting Height:

Up to 40 ft

Other

Replacement:

Replaces 250-400W 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

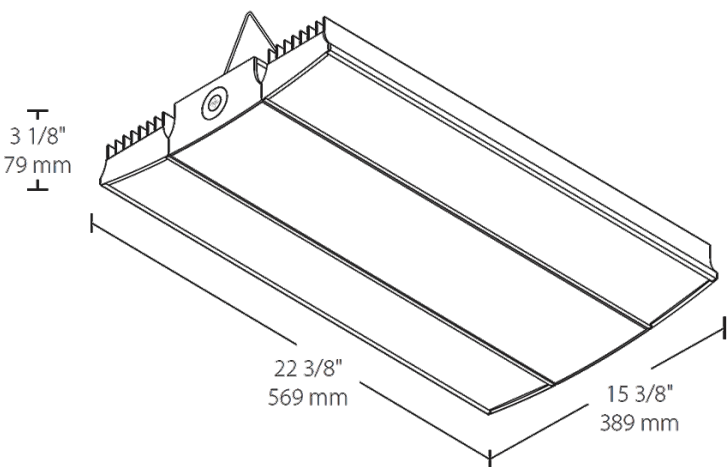**Buy American Act Compliance:**

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. Only available with 0-10V dimming driver options.

RAIL185NW/D10

Dimensions

3 1/8"
79 mm

22 3/8"
569 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	185	N	W	/D10	^	^
	95 = 95W	**Blank =** 5000K (Cool)	**W =** White	**/D10 =** 120-277V, 0-10V Dim	**Blank =** No Option	**Blank =** Standard
	150 = 150W	**N =** 4000K (Neutral)		**/480/D10 =** 480V, 0-10V Dim	**/BL =** Bi-Level Control	**USA =** BAA Compliant
	185 = 185W	**YN =** 3500K (Warm Neutral)			**/WS2 =** Multi-Level Motion Sensor 20 ft.	
	225 = 225W				**/WS4 =** Multi-Level Motion Sensor 40 ft.	
	400 = 400W				**/LOS =** LOSBAY 800 Sensor	
					/LC = Lightcloud® Controller	
					/LCS = Lightcloud® Sensor	
					/E2 = Emergency Battery Pack	