

High efficiency. High output. High Bay RAIL.

Color: White

Weight: 18.8 lbs

Project:

Type:

Prepared By:

Date:

#### Driver Info

| Type        | Constant Current |
|-------------|------------------|
| 120V        | 1.37A            |
| 208V        | 0.81A            |
| 240V        | 0.71A            |
| 277V        | 0.60A            |
| Input Watts | 165W             |

#### LED Info

|                |                 |
|----------------|-----------------|
| Watts          | 185W            |
| Color Temp     | 4000K (Neutral) |
| Color Accuracy | 82 CRI          |
| L70 Lifespan   | 100,000 Hours   |
| Lumens         | 22,825          |
| Efficacy       | 138.3 lm/W      |

## Technical Specifications

### Compliance

#### UL Listed:

Suitable for damp locations

#### IESNA LM-79 & IESNA 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.

#### 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

### Lightcloud

#### Lightcloud Sensor Installed:

Occupancy, vacancy, and closed loop daylight harvesting in one versatile sensor. In addition control any fixture in your Lightcloud integrated/embedded networked lighting luminaire-level control system. LLLC - capable of switching, 0-10V dimming, power/energy monitoring. Can also be used to extend the range of the Lightcloud mesh network communication protocols.

DLC system - N1XMLOEATBA

[Learn more about Lightcloud.](#)

### Performance

#### Lifespan:

100,000-Hour LED lifespan based on IES LM-80

### LED Characteristics

#### LEDs:

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

#### Color Stability:

LED Color temperature is warranted 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

#### 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)

#### Recommended Mounting Height:

Up to 40 ft



## Technical Specifications (continued)

## 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 [rablighting.com/warranty](http://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: 1.37A, 208V: 0.81A, 240V: 0.71A, 277V 0.60A

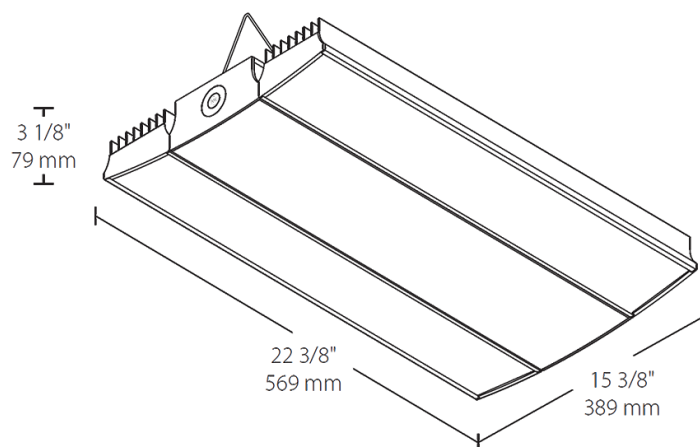
## THD:

5.14% at 120V, 7.91% at 277V

## Power Factor:

99.9% at 120V, 94.3% at 277V

## Dimensions



## 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                                                     | /LCS                                                                                                                                                                                                                                                                                                                                       |                                         |
|        | 95 = 95W<br>150 = 150W<br>185 = 185W<br>225 = 225W<br>400 = 400W | Blank = 5000K Cool<br>N = 4000K Neutral<br>YN = 3500K Warm Neutral | W = White | /D10 = 120-277V, 0-10V Dim<br>/480/D10 = 480V, 0-10V Dim | Blank = No Option<br>/BL = Bi-Level Control<br>/WS2 = Multi-Level Motion Sensor 20 ft. <sup>1</sup><br>/WS4 = Multi-Level Motion Sensor 40 ft. <sup>1</sup><br>/LOS = LOSBAY 800 Sensor<br>/LC = Lightcloud® Controller<br>/LCS = Lightcloud® Sensor<br>/E2 = Battery Pack<br>/LC/E2 = Lightcloud® Controller w/ Battery Pack <sup>2</sup> | Blank = Standard<br>USA = BAA Compliant |

<sup>1</sup> 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.

<sup>2</sup> Not available in RAIL 400W