



Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	400W
120V	3.34A	Color Temp	5000K (Cool)
208V	2.01A	Color Accuracy	84 CRI
240V	1.74A	L70 Lifespan	100,000 Hours
277V	1.47A	Lumens	53,141 lm
Input Watts	s 393.7W	Efficacy	135 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.

# 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, 0-10Vdimming, 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 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.

#### **Electrical**

### Driver:

Constant Current, Class 2, 120-277V, 50/60Hz, 120V: 3.34A, 208V: 2.01A, 240V: 1.74A, 277V 1.47A

# THD:

4.82% at 120V, 6.54% at 277V

#### **Power Factor:**

99.9% at 120V, 95% at 277V

# **Surge Protection:**

4kV

## Construction

# Ambient Temperature:

Suitable for use 12 hours a day, 6 days a week in  $55^{\circ}$ C (131°F). Suitable for 24/7 use in up to  $45^{\circ}$ C (113°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:**

Optimal detection performance rated for up to 45 ft

# Other

## Replacement:

Replaces 400-1000W MH

#### Warranty:

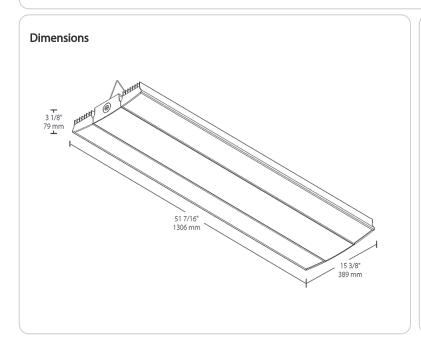
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.



# **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.



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

<sup>&</sup>lt;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>&</sup>lt;sup>2</sup> Not available in RAIL 400W