AISLED78YW/D10/LC

RAB

Project:	Type:
Prepared By:	Date:

Driver Info

Type	Constant Current
120V	0.82A
208V	0.52A
240V	0.45A
277V	0.4A
Input Watts	91.5W

LED Info

Watts	78W
Color Temp	3000K (Warm)
Color Accuracy	71 CRI
L70 Lifespan	100,000 Hours
Lumens	9,815 lm
Efficacy	107.3 lm/W

78W AISLED high bay delivers ultra efficient LED technology with uniform vertical light distribution for improved aisle lighting. Includes built in support for Lightcloud, RAB's commercial wireless lighting control system. Lightcloud is a commercial wireless lighting control system and service fully developed and supported by RAB. It's powerful and flexible, yet easy to use and install.

Color: White   Weight: 21.0 lbs

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 with cord and hook. Suitable for wet locations with 3/4" pendant stem. Covered ceiling mount only.

LED Characteristics

LEDs:
Three multi-chip, 26W high-output, long-life LEDs

Color Consistency:
3-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

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 C78.377.2011.

Performance

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

Electrical

Dimming Driver:
Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

THD:
11.63% at 120V, 9.76% at 277V

Power Factor:
99.1% at 120V, 93.5% at 277V

Drivers (3):
Constant Current, 720mA, Class 2 with 6kV surge protection, 100-277VAC, 50/60 Hz

Construction

Ambient Temperature:
AISLED will operate from -40°C (-40°F) to 40°C (104°F)

Thermal Management:
Superior thermal management with external air-flow fins

Housing:
Precision die-cast aluminum housing and door frame with 3-foot 600V power cord

Mounting:
Heavy-duty 3/4" NPS hook and 3 foot safety chain

Recommended Mounting Height:
25 ft

Reflector:
Specular vacuum metallized polycarbonate. AISLED78 reflector provides superior rectangular distribution pattern specifically designed for aisle lighting.

Gaskets:
High-temperature silicone

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Technical Specifications (continued)

Finish:
Formulated for high durability and long-lasting color

Green Technology:
Mercury and UV free. RoHS-compliant components.

Other

Patents:
The design of the AISLED™ is protected by patents pending in US, Canada, China, Taiwan and Mexico

Accessories:
Available accessories include protective polyshield and wire guards, replacement lens and doorframe, and an occupancy sensor. Click here to see all accessories.
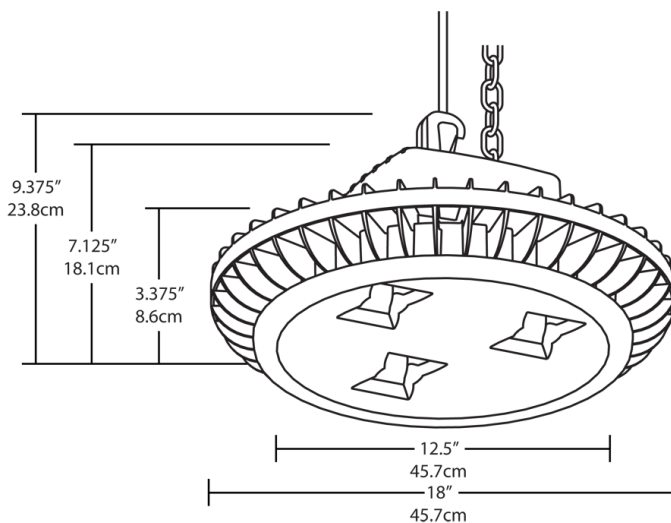
Warranty:
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms 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.

Dimensions

9.375"
23.8cm

7.125"
18.1cm

3.375"
8.6cm

12.5"
45.7cm

18"
45.7cm

Features

- Efficient, aisle-shaped, vertical illumination
- Eliminates hot spots on higher shelves that can cause glare, improving overall visibility
- 100,000-hour LED lifespan
- 5-Year, No-Compromise Fixture Warranty and 10-Year, No-Compromise Lightcloud Warranty
- Built in support Lightcloud™
- Easy setup - simply power on, confirm device connectivity and call 844-LIGHTCLOUD

Need help? Tech help line: **(888) 722-1000** Email: sales@rablighting.com Website: www.rablighting.com

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Ordering Matrix

Family	Wattage	Color Temp	Finish	Driver Option
AISLED	78	Y	W	/D10

78 = 78W

Blank = 5000K Cool
N = 4000K Neutral
Y = 3000K Warm

W = White

Blank = No Option
/BL = Bi-Level
/D10 = 0-10V Dimming
/LC = Lightcloud® Controller
/D10/LC = 0-10V Dimming w/ Lightcloud®

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