PLED2X10YW/UP

RAB LIGHTING

Project:	Type:

Prepared By:	Date:

Driver Info

Type:	Constant Current
120V:	0.2A
208V:	0.14A
240V:	0.12A
277V:	0.1A
Input Watts:	26W
Efficiency:	78%

LED Info

Watts:	20W
Color Temp:	3000K
Color Accuracy:	85 CRI
L70 Lifespan:	100000
Lumens:	1,896
Efficacy:	74 LPW

The PLED is a high performance LED uplight available in 52, 40, 26 and 20W versions in both Cool and Warm Color Temperatures. Pendant mount with hang-straight and 6", 12" and 18" stems included. Stems can be combined up to 36" max length.

Color: White   Weight: 7.1 lbs

Technical Specifications

Listings

UL Listing:

Suitable for damp locations

IESNA LM-79 & IESNA LM-80 Testing:

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and 80.

LED Characteristics

Lifespan:

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

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 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 C78.377-2011.

Color Accuracy:

74 CRI

Color Temperature (Nominal CCT):

3000K

Construction

Mounting:

3 mounting stems included. 6", 12" and 18" can be combined to achieve a maximum length of 36". 42" of wire supplied. The pendants thread into a hang-straight, leveling the fixture. Pendant outside diameter is 3/4". Threads are 1/4". Circular canopy included.

Thermal Management:

Cast aluminum Thermal Management system for optimal heat sinking. Designed for cool operation, most efficient output and maximum LED life by minimizing LED junction temperature.

Housing:

Precision die cast aluminum housing and lens framing.

Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contains no VOC or toxic heavy metals.

Green Technology:

Mercury and UV free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

Cold Weather Starting:

The minimum starting temperature is -40°C/-40°F

Maximum Ambient Temperature:

Suitable for use in 40°C (104°F) ambient temperatures

Electrical

Driver:

Multi-chip 2x10W high output long life LED Driver Constant Current, Class II, 120V-240V, 50/60 Hz, 400mA.

Optical

Lumen Maintenance:

The LED will deliver 70% of its initial lumens at 100,000 hours of operation.

Other

Patents:

The design of the PLED is protected by U.S. Patent D608,040, D615,689 and patents pending in Canada, China, Taiwan and Mexico.

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.

California Title 24:

PLED complies with California Title 24 building and electrical codes.

Equivalency:

The PLED2X10 is Equivalent in delivered lumens to a 32W CFL Pendant.

HID Replacement Range:

The PLED2X10 can be used to replace 32-42W CFL, or up to 70W Metal Halide Pendants based on delivered lumens.

Country of Origin:

Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

Buy American Act Compliant:

This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

Recovery Act (ARRA) Compliant:

This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

Trade Agreements Act Compliant:

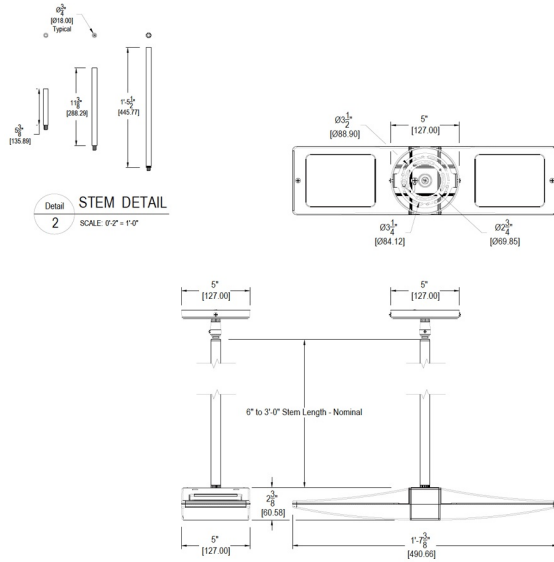This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

Technical Specifications (continued)

Other

GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

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

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Dimensions

Ø¾"
[Ø18.00]
Typical

STEM DETAIL
Detail 2 SCALE: 0'-2" = 1'-0"

Ø3½"
[Ø88.90]

5"
[127.00]

Ø3¼"
[Ø84.12]

Ø2¾"
[Ø69.85]

5"
[127.00]

5"
[127.00]

6" to 3'-0" Stem Length - Nominal

2⅜"
[60.58]

5"
[127.00]

1'-7⅜"
[490.66]

Features

Die cast aluminum lens frame with tempered glass and double gasketing

Fully Shielded, Full Cutoff Optics

LED Light Engine life delivers 70% of rated lumens at 100,000 hours