# PLED2X26W/UP





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 hangstraight and 6", 12" and 18" stems included. Stems can be combined up to 36" max length.

Color: White Weight: 10.1 lbs

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info		
Type:	Constant Current	Watts:	52W	
120V:	0.48A	Color Temp:	5100K	
208V:	0.30A	Color Accuracy:	67 CRI	
240V:	0.26A	L70 Lifespan:	100000	
277V:	0.22A	Lumens:	5,519	
Input Watts:	59W	Efficacy:	94 LPW	
Efficiency:	89%			

## **Technical Specifications**

#### Listings

#### **UL Listing:**

Suitable for wet locations.

#### **LED Characteristics**

#### Lifespan:

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

## **Color Consistency:**

7-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

## 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 hangstraight, 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. The PLED is 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.

## **Ambient Temperature:**

Suitable for use in 40°C ambient temperatures.

#### **Cold Weather Starting:**

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

#### **Electrical**

#### Driver:

Multi-chip 26W high output long life LED Driver Constant Current, 720mA, Class 2, 6kV Surge Protection, 100V-277V, 50-60 Hz, 100-240V.4 Amps.

#### Optical

## Lumen Maintenance:

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

#### Other

#### Patents:

The PLED design is protected by U.S. PATENT D608,040 and patents pending in the U.S., 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.

#### **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:

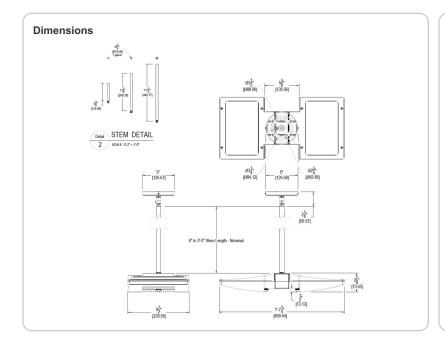
This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

#### **GSA Schedule:**

Suitable in accordance with FAR Subpart 25.4.

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## **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