



The PLED is a high performance LED downlight 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: Bronze or White

Weight: 7.1 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

| | |
|-------------|------------------|
| Type | Constant Current |
| 120V | 0.2A |
| 208V | 0.14A |
| 240V | 0.12A |
| 277V | 0.1A |
| Input Watts | 24.80W |
| Efficiency | 81% |

LED Info

| | |
|--------------|-------------|
| Watts | 20.00W |
| Color Temp | 3000K/5000K |
| L70 Lifespan | 100,000 |
| Lumens | 2,481 |
| Efficacy | 100 LPW |

Technical Specifications

Listings

UL Listed:

Suitable for wet 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 LM-80

LED Characteristics

Lifespan:

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

Lumen Maintenance:

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

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 C78.377-2017.

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.

Housing:

Precision die-cast aluminum housing, lens frame

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

Cold Weather Starting:

Minimum starting temperature is -40°C (-40°F)

Maximum Ambient Temperature:

Suitable for use in 40°C (104°F)

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. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Equivalency:

Equivalent to 32W CFL

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:

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

Product Matrix

Example part number: PLED2X10YW/UP

| Model | Wattage | Color Temp | Finish | Up/Down Light |
|--------------|--------------------------|---------------------------|----------------------------|--------------------------|
| PLED | 20 watt – 2X10 | 5000K – (blank) | Bronze – (blank) | Down – (blank) |
| | | 3000K - Y | White - W | Up - /UP |