



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

Weight: 12.7 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type:	Constant Current
120V:	0.38A
208V:	0.23A
240V:	0.2A
277V:	0.17A
Input Watts:	44W
Efficiency:	92%

LED Info

Watts:	40W
Color Temp:	3000K
Color Accuracy:	71 CRI
L70 Lifespan:	100000
Lumens:	1904
Efficacy:	44 LPW

Technical Specifications

Listings

UL Listing:

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 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:

3-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color.

Color Stability:

LED color temperature is warranted 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 C78.377-2015.

Color Accuracy:

71 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.

Housing:

Precision die cast aluminum housing and lens framing.

Finish:

Formulated for high-durability and long lasting color.

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:

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

Maximum Ambient Temperature:

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

Electrical

Driver:

Two Multi-chip 2x10W high output long life LED Driver Constant Current, Class 2

THD:

6.88% at 120V

Total Harmonic Distortion:

THD = 6.9%.

Driver:

Automatic Voltage Sensing Driver for 120-277 volts.

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.

Recovery Act (ARRA) Complaint:

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

Equivalency:

Equivalent to 100W Metal Halide.

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.

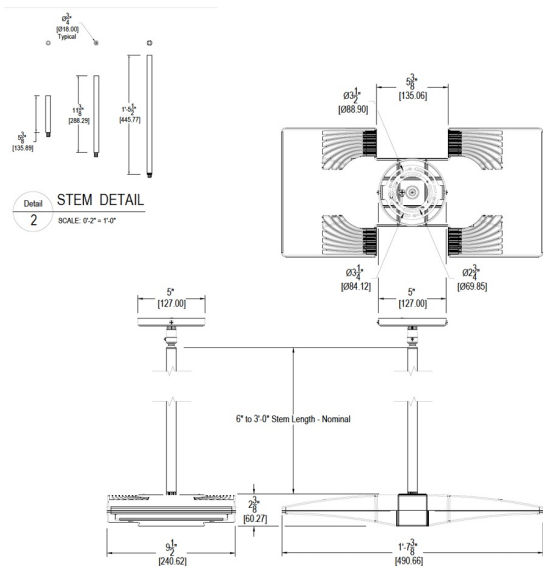
Optical

Fixture Efficacy:

44 Lumens per Watt

PLED2X20Y

Dimensions



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

5-year warranty