

PLED2X20MSW

High performance pendant LED downlight with mini sensor. Bi-level option available. Pendant mount with hang-straight and 6", 12" and 18" stems included. Stems can be combined up to 36" max length.

Color: White

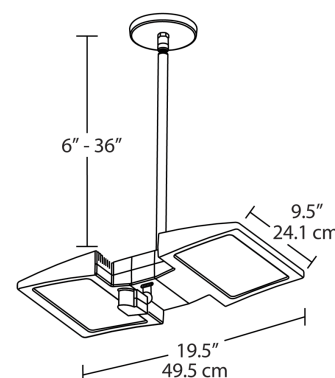
Weight: 12.7 lbs

LED Info

Watts: 40W
 Color Temp: 5000K (Cool)
 Color Accuracy: 69
 L70 Lifespan: 100000
 LM79 Lumens: 2746
 Efficacy: 65 LPW

Driver Info

Type: Constant Current
 120V: 0.38A
 208V: N/A
 240V: N/A
 277V: N/A
 Input Watts: 43W
 Efficiency: 94%



Technical Specifications

UL Listing:

Suitable for Damp Locations.

Lifespan:

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

Recommended Mounting Height:

8-10'.

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 1". Threads are 3/8". Circular canopy included.

LEDs:

(4) 10W Multi-chip high-output, long-life LED.

Drivers (2):

Constant Current, Class 2, 100V-277V, 50/60 Hz, 4kv Surge Protection, 1000mA, 100-240VAC 0.5Amps, 277VAC 0.25Amps, THD less than equal to 10%, Power Factor 98.4%.

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:

White or bronze 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, and RoHS compliant.

Patents:

RAB PLED2X20 are protected by patents in US pat. D634,872 CN ZL201030129122 MX 32490 TW pat. D139372

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.

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.

Fixture Efficacy:

65 Lumens per Watt



PLED2X20MSW - continued

Color Accuracy:

66 CRI

Color Temperature (Nominal CCT):

5000K

California Title 24:

PLED complies with California Title 24 building and electrical codes.

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, and have received the Department of Energy "Lighting Facts" label.

Equivalency:

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

HID Replacement Range:

The PLED2X20MS can be used to replace 100-150W Metal Halide Ceiling Lights based on delivered lumens.

Voltage:

120 volts AC 60 Hz.

Sensor Switching Capacity:

5 Amps, 450 Watts LED @ 120 Volts 0.8pF Driver; 5 Amps, 300 Watts LED @ 120 Volts 0.5pF Driver.

Sensor Time Adjustment:

5 seconds to 15 minutes.

Sensor Quick Test Time:

5 second test time for fast installation. Works day or night.

Sensor "No Hands" Auto Testing:

Auto mode starts after 4 minutes of testing. No adjustment needed.

Sensor Photoelectric Control:

Deactivates lights during daylight. Fully adjustable for 24 hour operation or custom applications.

Sensor LED Detection Indicator:

LED glows red day & night for "on guard" deterrence.

Sensor RF Immunity:

Circuits fully shielded for maximum radio frequency immunity.

Sensor Ratings:

5 amps.

Sensor Power Consumption:

Negligible

Sensor Manual Switch:

None.

Sensor Ambient Light Sensing:

Adjustable.

Sensor Adjustments:

Time, ambient light & sensitivity.

Sensor Detection:

180° detection pattern.

Equivalency:

The PLED2X20MS is equivalent in delivered lumens to a 100W MH Ceiling Fixture.

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.

