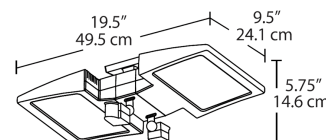


CLED2X20MS2/BL

High performance ceiling mounted LED lighting with mini sensor.
Bi-level option available. Flush mount fixture bracket.

Color: Bronze

Weight: 12.2 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

Bi-Level(BL) Operation:

Bi-Level option supplies a fixture with the sensor(s) wired to control only one fixture leaving the other fixture always on or available for timer or photo sensor control by customer. Two sets of labeled leads will be provided.

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'.

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%.

Cold Weather Starting:

Minimum starting temperature is -40°F/-40°C.

Thermal Management (Patent Pending):

Die-cast aluminum Thermal Management system for optimal heat dissipation.

Housing:

Precision die cast aluminum housing and lens framing.

Gaskets:

High-temperature silicone.

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 CLED2X20 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



Color Accuracy:

66 CRI

Color Temperature (Nominal CCT):

5000K

California Title 24:

CLED 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.

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:

360° detection pattern.

Equivalency:

The CLED2X20MS is equivalent in delivered lumens to a 100W MH Ceiling Fixture.

HID Replacement Range:

The CLED2X20MS can be used to replace 100-150W Metal Halide Ceiling Lights 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.

GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

