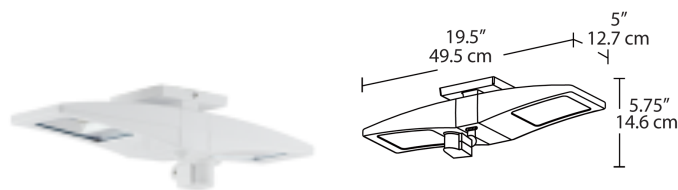# CLED2X10MSW

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

Color: White   Weight: 6.6 lbs

19.5″ / 49.5 cm   5″ / 12.7 cm   5.75″ / 14.6 cm

LED Info

Watts:	20W
Color Temp:	5000K (Cool)
Color Accuracy:	75
L70 Lifespan:	100000
LM79 Lumens:	1045
Efficacy:	41 LPW

Driver Info

Type:	Constant Current
120V:	0.42A
208V:	N/A
240V:	N/A
277V:	N/A
Input Watts:	26W
Efficiency:	78%

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'.

LEDs:
(2) 10W Multi-chip high-output, long-life LED.

Drivers (2):
Constant Current, Class 2, 100V-240V, 50/60 Hz, 1kv Surge Protection, 350mA, 0.6Amps, Power Factor 57.1%.

Cold Weather Starting:
Minimum starting temperature is -40°F/-40°C.

Ambient Temperature:
Suitable for use in 40°C (104°F) ambient temperatures.

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 CLED2X10 are protected by patents in US pat. D615,689 CN ZL201030129125 MX 32130 TW pat. D139033.

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:
41 Lumens per Watt

Color Accuracy:
75 CRI

Color Temperature (Nominal CCT):
5000K

RAB LIGHTING

Tech Help Line: 888 RAB-1000   **Email:** sales@rabweb.com   **On the web at:** www.rabweb.com

Note: Specifications are subject to change without notice

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:
180° detection pattern.

Equivalency:
The CLED2X10MS is equivalent in delivered lumens to a 32W CFL Ceiling Fixture.

HID Replacement Range:
The CLED2X10MS can be used to replace 32-42W CFL or up to 70W 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.

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