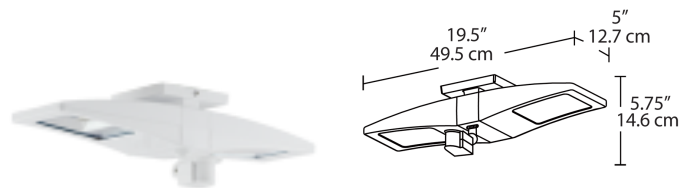


# CLED2X10MSW/BL

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

Color: White

Weight: 6.6 lbs



## 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

### 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:

(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 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 C78.377-2011.

### Fixture Efficacy:

41 Lumens per Watt



**Color Accuracy:**

75 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 &amp; 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.