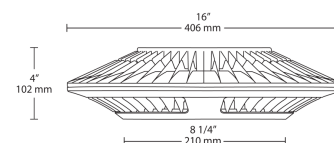


CLED78N

LED ceiling light with precision optics deliver smooth and uniform distribution. Ideal for retail settings, workspace lighting and other applications requiring a high output commercial grade downlight.

Color: Bronze

Weight: 18.0 lbs



LED Info

Watts: 78W
 Color Temp: 4000K (Neutral)
 Color Accuracy: 86
 L70 Lifespan: 100000
 LM79 Lumens: 3,897
 Efficacy: 43 LPW

Driver Info

Type: Constant Current
 120V: 0.78A
 208V: 0.51A
 240V: 0.45A
 277V: 0.39A
 Input Watts: 91W
 Efficiency: 86%

Technical Specifications

UL Listing:

Suitable for Wet Locations Cover Ceiling Mount Only

Lumen Maintenance:

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

LEDs:

6x13W high-output, long-life LEDs

Drivers:

3x26W Driver, Constant Current, Class 2, 100V-277V, 50/60 Hz, 6kv Surge Protection, 720mA, 100-277VAC 0.4 Amps., THD is less than or equal to 20%, Power Factor 98.4%

Input Watts:

91

Output Lumens:

3897

Lumens per Watt:

43 Lumens per Watt

Color Accuracy (CRI):

86 CRI

Correlated Color Temp. (Nominal CCT):

4000K

Cold Weather Starting:

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

Thermal Management:

Optimized using computational fluid dynamics software to ensure long LED and driver lifespan

Housing:

Precision die-cast aluminum housing and lens frame

Lens:

Clear tempered glass lens

Gaskets:

High-temperature silicone

Finish:

Chip and fade resistant polyester powder coat finish

Dark Sky Approved:

The International Dark Sky Association has approved this product as a full cutoff, fully shielded luminaire.

Color Stability:

RAB LED performance exceeds industry standards for chromatic stability

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

Green Technology:

Mercury and UV Free, and RoHS compliant

IESNA LM-79 & 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.

California Title 24:

CLED78 complies with California Title 24 building and electrical codes

Patents:

The design of CLED78 is protected by patents pending in US, Canada, China, Taiwan and Mexico



CLED78N - continued

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

