



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

Color: White

Weight: 18.0 lbs

Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	78W
120V	0.78A	Color Temp	5000K (Cool)
208V	0.51A	Color Accuracy	73 CRI
240V	0.45A	L70 Lifespan	100,000 Hours
277V	0.39A	Lumens	5,130 lm
Input Watts	59.8W	Efficacy	85.8 lm/W

Technical Specifications

Other

PLED78 with Bi-Level Operation:
Allows 33%-66%-100% output modes

Patents:
The design of PLED78 is protected by patents pending in US, Canada, China, Taiwan and Mexico

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. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Compliance

UL Listed:
Suitable for wet locations

IESNA LM-79 & LM-80 Testing:
RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

Performance

Lifespan:
100,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

LED Characteristics

LEDs:
6x13W high-output, long-life LEDs

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 color temperature over a 5-year period

Color Uniformity:
RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

Construction

Cold Weather Starting:
The minimum starting temperature is -40°C (-40°F)

Ambient Temperature:
Suitable for use in up to 35°C (95°F)

Housing:
Precision die-cast aluminum housing, lens frame

Lens:
Clear tempered glass lens

Gaskets:
High-temperature silicone

Finish:
Formulated for high durability and long-lasting color

Green Technology:
Mercury and UV free. RoHS-compliant components.

Optical

BUG Rating:
B2 U1 G1

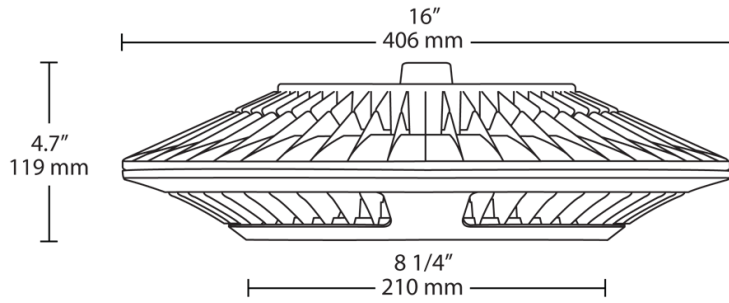
Photometrics:
IES file is available for 33% light level for Bi-Levels by contacting the RAB Lighting Design department

Electrical

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 99.4%.

THD:
9.6% at 120V, 14.9% at 277V

Dimensions



Features

- Precision optics deliver uniform light distribution
- 100,000-hour LED lifespan
- 5-Year, No-Compromise Warranty