

Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	45/40/35/30/25W
120V	0.41A	Color Temp	3000/3500/4000/5000/6500K
208V	0.24A	Color Accuracy	83-87 CRI
240V	0.21A	L70 Lifespan	100,000 Hours
277V	0.18A	Lumens	4,033-7,011 lm
Input Watts	24.6-44.5W	Efficacy	157.6-168.6 lm/W

Technical Specifications

Compliance

UL Listed:

Suitable for damp locations

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

DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.
DLC Product Code: S-N4RHLD

Electrical

Driver:

Constant Current, Class 2 , 120-277V, 50/60 Hz:
45W: 120V: 0.41A, 208V: 0.24A, 240V: 0.21A, 277V: 0.18A
40W: 120V: 0.37A, 208V: 0.21A, 240V: 0.18A, 277V: 0.16A
35W: 120V: 0.32A, 208V: 0.19A, 240V: 0.16A, 277V: 0.14A
30W: 120V: 0.28A, 208V: 0.16A, 240V: 0.14A, 277V: 0.12A
25W: 120V: 0.23A, 208V: 0.13A, 240V: 0.12A, 277V: 0.10A

Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

THD:

6.1% at 120V, 11.6% at 277V

Power Factor:

99.57% at 120V, 99.57% at 277V

Aux Power Supply:

Yes

Dim to Off:

Yes

Surge Protection:

L-N:1 kV, L/N-PG:2 kV

Construction

Cold Weather Starting:

The minimum starting temperature is -20°C (-4°F)

Maximum Ambient Temperature:

Suitable for use in up to 104°F (40°C)

IC Rated:

Suitable for direct contact with insulation

Lens:

Clear polycarbonate lens

Housing:

Aluminum

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

LED Characteristics

LEDs:

Long-life, high-efficacy, surface-mount LEDs

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.

Technical Specifications (continued)

Performance

Lifespan:

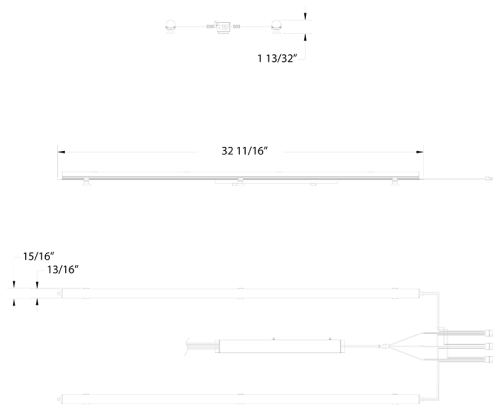
100,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

Other

5-Year Limited Warranty:

The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Dimensions



Features

- 100,000-hour LED Life
- 0-10V dimming standard
- DLC listed
- 5-Year, limited warranty

Ordering Matrix

Family	Size/Wattage	Color Temp	Lens	Driver
RLB2	3		C	
2 = 2', 40/35/30/25/20W 3 = 3', 45/40/35/30/25W 4 = 4', 50/45/40/35/30W		Blank = 3000/3500/4000/5000/6500K CCT Adjustable	C = Clear Domed F = Frosted Domed	Blank = 120-277V, 0-10V Dimming