



Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	50/45/40/35/30W
120V	0.46A	Color Temp	3000/3500/4000/5000/6500K
208V	0.26A	Color Accuracy	84-87 CRI
240V	0.23A	L70 Lifespan	100,000 Hours
277V	0.20A	Lumens	3,927-6,640 lm
Input Watts	29-47.9W	Efficacy	131-143.2 lm/W

Technical Specifications

Compliance

UL Listed:

Suitable for damp 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.

IC Rated:

Suitable for direct contact with insulation

DLC Listed:

This product family is listed with the DesignLights Consortium (DLC). Individual SKUs within this family may carry either a DLC Standard or DLC Premium qualification. Please refer to the individual product specification sheet or the DLC Qualified Products List (QPL) at designlights.org to confirm the qualification status of a specific SKU prior to specification or purchase.

Electrical

Driver:

Constant Current, Class 2, 120-277V, 50/60 Hz:
 50W: 120V: 0.46A, 208V: 0.26A, 240V: 0.23A, 277V: 0.20A
 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

Dimming Driver:

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

THD:

5.8% at 120V, 12.7% at 277V

Power Factor:

99.62% at 120V, 99.62% 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 -4°F (-20°C)

Maximum Ambient Temperature:

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

Lens:

Frosted 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

Technical Specifications (continued)

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.

Performance

Lifespan:

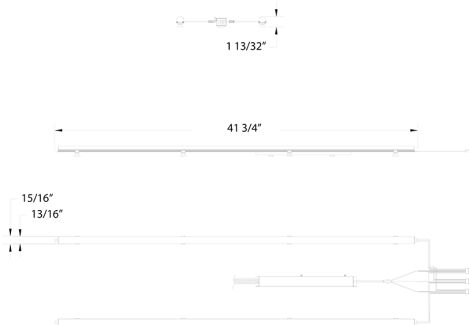
100,000-Hour LED lifespan based on IESlm-80 results and TM-21 calculations

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	4		F	
	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