

Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	130/100/80W
120V	1.20A/0.90A/0.75A	Color Temp	3500/4000/5000K
208V	0.70A/0.55A/0.40A	Color Accuracy	82-84 CRI
240V	0.60A/0.45A/0.35A	L70 Lifespan	100,000 Hours
277V	0.52 A/0.40A/0.30A	Lumens	11,788-21,019 lm
Input Watts	79.2-132.9W	Efficacy	134.6-170.2 lm/W

Technical Specifications

Field Adjustability

Field Adjustable:

Field Adjustable Light Output:
130W/100W/80W (factory default 130W)
Color temperature selectable by 3500K, 4000K and 5000K (factory default 4000K)

Optical Field Adjustability:

Adjustable from standard to aisle lighting optics with a simple rotation of the lens. Choose between 90x90° or 45x110° to get the distribution.

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.

IP Rating:

IP20

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.

LED Characteristics

LEDs:

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

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 IESIm-80 results and TM-21 calculations

Electrical

Driver:

Constant Current, Class 1, 120-277V, 50/60 Hz:
130W: 120V: 1.20A, 208V: 0.70A, 240V: 0.60A, 277V: 0.52A
100W: 120V: 0.90A, 208V: 0.55A, 240V: 0.45A, 277V: 0.40A
80W: 120V: 0.75A, 208V: 0.40A, 240V: 0.35A, 277V: 0.30A

Dimming Driver:

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

Aux Power Supply:

Yes

Dim to Off:

Yes

Surge Protection:

L/N-PE: 6 kV, L-N: 6 kV

Construction

Cold Weather Starting:

The minimum starting temperature is -40°F (-40°C)

Maximum Ambient Temperature:

Suitable for use in up to 122°F (50°C)

Technical Specifications (continued)

Lens:
Polycarbonate lens

Reflector:
Polycarbonate

IK Rating:
IK08 Protected against 5 joules of impact. Equivalent to the impact of a 3.75 lbs. (1.7kg) mass dropped from 11.8" (300mm) above the impacted surface.

Housing:
Die-cast aluminum

Gaskets:
High-temperature silicone

Finish:
Formulated for high durability and long-lasting color

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

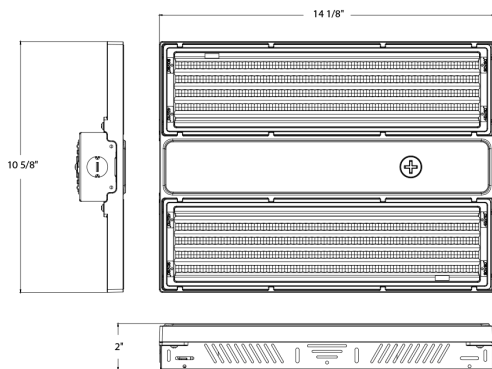
Installation

Mounting:
Comes standard with V-hooks for chain mounting. Accessories available for pendant and surface mounting (purchased separately).

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 lifespan
- DLC Premium Listed
- 0-10V dimming, standard
- 5-Year, limited warranty

Ordering Matrix

Family	Wattage	Color Temp	Mounting	Finish	Driver	Battery Backup
RBAY15	S					
	S = 130/100/80W M = 260/220/160W L = 400/320/260W	Blank = 3500/4000/5000K CCT Adjustable	Blank = V-Hook/Chain	Blank = White	Blank = 120-277V, 0-10V Dimming /480 = 480V, 0-10V Dimming	Blank = None /E = Battery Backup