



Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	160W
120V	N/A	Color Temp	4000K/5000K
208V	N/A	Color Accuracy	83-85 CRI
240V	N/A	L70 Lifespan	100,000 Hours
277V	N/A	Lumens	12,032-23,371 lm
Input Watts	77.9-162.2W	Efficacy	142.2-154.5 lm/W

Technical Specifications

Field Adjustability

Field Adjustable:

Field Adjustable Light Output:
160W with 3 Power Preset:
100% (160W), 75% (120W), and 50% (80W)
Color Temperature Selectable:
4000K and 5000K (factory default 4000K)

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.

Trade Agreements Act Compliant:

This product is a product of Cambodia and a "designated country" end product that complies with the Trade Agreements Act

DLC Listed:

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.
DLC Product Code: S-GX73YR

LED Characteristics

LEDs:

Long-life, high-efficiency, 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 IES LM-80 results and TM-21 calculations

Electrical

Driver:

100% Power: Constant Current, Class 2, 480V, 50/60 Hz, 480V: 0.37A
75% Power: Constant Current, Class 2, 480V, 50/60 Hz, 480V: 0.29A
50% Power: Constant Current, Class 2, 480V, 50/60 Hz, 480V: 0.21A

Dimming Driver:

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

THD:

9.38% at 480V

Power Factor:

91.1% at 480V

Surge Protection:

6kV

Construction

Cold Weather Starting:

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

Maximum Ambient Temperature:

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

Lens:

Polycarbonate lens

Reflector:

Polyethylene Terephthalate (PET)

Housing:

Aluminum

Mounting:

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

Technical Specifications (continued)

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

Other**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.

Note:

All values are typical (tolerance +/- 10%)

Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Dimensions



Features

- 0-10V Dimming, standard
- 100,000-hour LED lifespan
- DLC Premium listed
- 5-Year, no-compromise warranty

Ordering Matrix

Family	Size (Wattage, Length)	Color Temp	Voltage	Options
AR	S		/480	
	XS = 95/71/48W (1.5') S = 160/120/80W (2') M = 275/206/138W (3') L = 360/270/180W (4')	Blank = 4000K/5000K CCT Adjustable	Blank = 120-277V, 0-10V Dimming /480 = 480V, 0-10V Dimming	Blank = No Option /E = Battery Backup /LCBS = Lightcloud Blue Enabled w/PIR Sensor /LCBS/MVS = Lightcloud Blue Enabled w/MVS Sensor /LCBS/E = Lightcloud Blue Enabled w/PIR Sensor w/Battery Backup /LCBS/MVS/E = Lightcloud Blue Enabled w/MVS Sensor w/Battery Backup