

Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	24/18/12W
120V	0.20A/0.14A/0.10A	Color Temp	3000/3500/4000/5000K
208V	0.13A/0.10A/0.07A	Color Accuracy	82-84 CRI
240V	0.10a/0.08A/0.06A	L70 Lifespan	100,000 Hours
277V	0.09A/0.07A/0.05A	Lumens	1,617-3,285 lm
Input Watts	12.4-23.4W	Efficacy	128.3-141.4 lm/W

Technical Specifications

Field Adjustability

Field Adjustable:

Field Adjustable Light Output:
24W/18W/12W (factory default 18W)
Color temperature selectable by 5000K, 4000K, 3500K and 3000K (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.

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-QVC7KF

Electrical

Driver:

24W: Class 2, Class P, Constant Current, 120-277V, 50/60 Hz, 120V: 0.20A, 208V: 0.13A, 240V: 0.10A, 277V: 0.09A

18W: Class 2, Class P, Constant Current, 120-277V, 50/60 Hz, 120V: 0.14A, 208V: 0.10A, 240V: 0.08A, 277V: 0.07A

12W: Class 2, Class P, Constant Current, 120-277V, 50/60 Hz, 120V: 0.10A, 208V: 0.07A, 240V: 0.06A, 277V: 0.05

Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 5%.

THD:

8.63% at 120V, 8.7% at 277V

Power Factor:

97.4% at 120V, 92.9% at 277V

Surge Protection:

1-2kV

Performance

Lifespan:

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

LED Characteristics

LEDs:

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

Color Consistency:

4-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

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 -20°C (-4°F)

Maximum Ambient Temperature:

Suitable for use in up to 55°C (131°F)

Housing:

Cold Rolled Carbon Steel Sheets and Strip (SPCC)

Lens:

Diffused Polymethyl Methacrylate (PMMA)

Finish:

Formulated for high durability and long-lasting color

Technical Specifications (continued)**Green Technology:**

Mercury and UV free. RoHS-compliant components.

Operating Temperature:

-20°C to 60°C (-4°F to 140°F)

Installation**Mounting:**

Wall mount

IP Rating:

IP20

Other**Lighting Pattern:**

70% downlight, 30% uplight

Accessories:

Fixture to fixture connector: [TOMO CONNECT](#)

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.

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.

Sensor Settings**Operating Voltage:**

120-277V

Stand by Power:

<0.5W

Load Ratings:

200VA @ 120V capacitive (LED)

400VA @ 277V capacitive (LED)

Warming-up:

30s

Sensor Principle:

PIR detection

Detection Range:

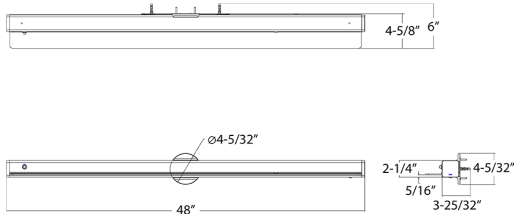
Max height: 16ft (5m)

Max Diameter: 20ft (6m)

Detection Angle:

360°

Dimensions



Features

- 0-10V dimming
- 100,000-Hour LED lifespan
- 5-Year, No-Compromise Warranty

Ordering Matrix

Family	Length (Wattage)	Color Temp	Finish	Mounting	Driver	Options
TOMO	4			WM		/PIR
	2 = 2' (12/9/6W) 4 = 4' (24/18/12W) 8 = 8' (48/36/24W)	Blank = 3000/3500/4000/5000K CCT Adjustable	Blank = White	WM = WM	Blank = 120-277V, 0-10V Dimming	/LCBS/E = Lightcloud Blue w/PIR Sensor and Battery Backup ¹ /LCB/E = Lightcloud Blue-enabled w/Battery Backup ¹ /LCBS = Lightcloud Blue-enabled w/PIR sensor /LCB = Lightcloud Blue-enabled /PIR/E = Passive Infrared Occupancy Sensor w/Battery Backup ¹ /LC/E = Lightcloud w/Battery Backup ¹ /LCS = Lightcloud /LC = Lightcloud /E = Battery Backup ¹ /PIR = Passive Infrared Occupancy Sensor Blank = No Option

¹ *Available only for 4' and 8'