

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	48/36/24W
120V	0.40A/0.30A/0.20A	Color	3000/3500/4000/5000K
208V	0.24A/0.18A/0.13A	Temp	
240V	0.20A/0.15A/0.10A	Color	82-84 CRI
277V	0.18A/0.13A/0.09A	Accuracy	
Input Watts	23.3-48.3W	L70 Lifespan	100,000 Hours
		Lumens	3,028-6,468 lm
		Efficacy	121.3-142.5 lm/W

# **Technical Specifications**

# Field Adjustability

### Field Adjustable:

Field Adjustable Light Output: 48W/36W/24W(factory default 36W) 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-YPV9J4

#### **Electrical**

#### Driver

48W: Class 2, Class P, Constant Current, 120-277V, 50/60 Hz, 120V: 0.40A, 208V: 0.24A, 240V: 0.20A, 277V: 0.18A

36W: Class 2, Class P, Constant Current, 120-277V, 50/60 Hz, 120V: 0.30A, 208V: 0.18A, 240V: 0.15A, 277V: 0.13A

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

### **Dimming Driver:**

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

#### THD

7.14% at 120V, 10.03% at 277V

### **Power Factor:**

99.6% at 120V, 96.9% 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**

#### I FDs

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

TOMO-8WM/PIR



# **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 <a href="mailto:rable-r

#### **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 capacitve (LED) 400VA @ 277V capacitive (LED)

# Warming-up:

30s

## **Sensor Principle:**

PIR detection

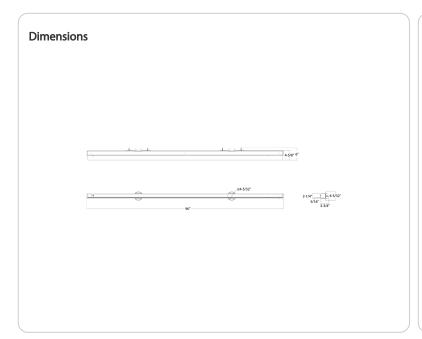
### **Detection Range:**

Max height: 16ft (5m) Max Diameter: 20ft (6m)

# **Detection Angle:**

360°





# 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			
ТОМО	8			WM		/PIR			
	2 = 2' (12/9/6W) 4 = 4' (24/18/12W) 8 = 8' (48/36/24W)	<b>Blank =</b> 3000/3500/4000/5000K CCT Adjustable	Blank = White	<b>WM</b> = WM	<b>Blank</b> = 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			
						/LCS = Lightcloud /LC = Lightcloud /E = Battery Backup <sup>1</sup> /PIR = Passive Infrared Occupancy Sensor Blank = No Option			
	1 *Available only for 4' and 8'								