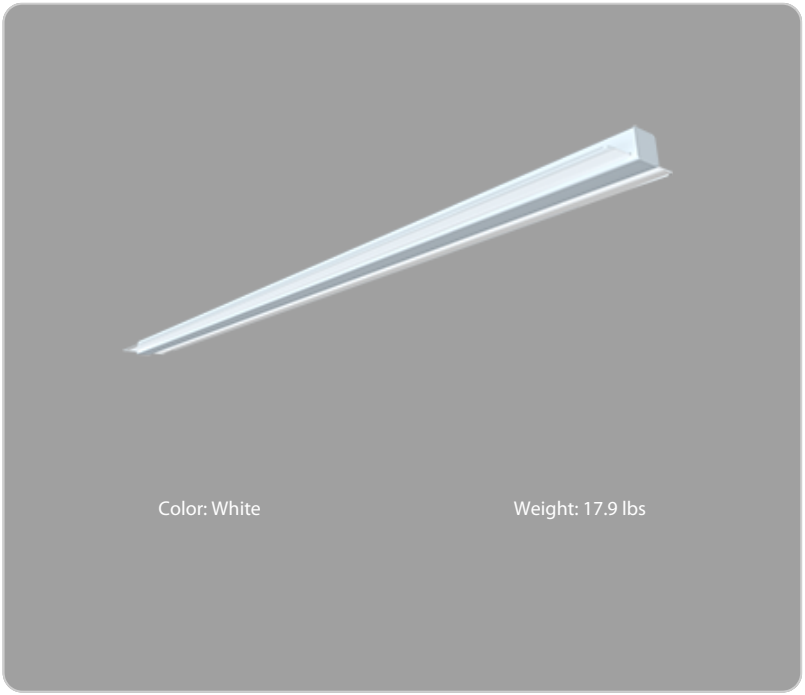
TOMO-8/E



Color: White

Weight: 17.9 lbs

Project:	**Type:**
Prepared By:	**Date:**

Driver Info

Type	Constant Current
120V	0.60A
208V	0.35A
240V	0.30A
277V	0.26A
Input Watts	46.1-94.2W

LED Info

Watts	72W
Color Temp	3000/3500/4000/5000K
Color Accuracy	84 CRI
L70 Lifespan	100,000 Hours
Lumens	5736-12028 lm
Efficacy	122.8-127.7 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.

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-NOVM87

Electrical

Driver:
48W: Constant Current, Class 2, 120-277V, 50/60Hz, 120V: 0.40A, 208V: 0.23A, 240V: 0.20A, 277V: 0.18A
72W: Constant Current, Class 2, 120-277V, 50/60Hz, 120V: 0.60A, 208V: 0.35A, 240V: 0.30A, 277V: 0.26A
96W: Constant Current, Class 2, 120-277V, 50/60Hz, 120V: 0.80A, 208V: 0.47A, 240V: 0.40A, 277V: 0.35A

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

THD:
5.6% at 120V, 11.7% at 277V

Power Factor:
99.7% at 120V, 96.9% at 277V

Surge Protection:
1-2kV

Battery Backup:
Battery backup will operate the fixture for 90 minutes if power fails. Wired for 120-277V.

Battery Backup Light Loss Factor:
48W: 0.36
72W: 0.24
96W: 0.19

Performance

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

Wattage Equivalency:
48W: Replaces up to (2) F32T8 or (1) F96T8
72W: Replaces up to (4) F32T8 or (2) F96T8
96W: Replaces (5) F32T8 or (2) F96T8

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 50°C (122°F)

Housing:
Cold Rolled Carbon Steel Sheets and Strip (SPCC)

Lens:
Diffused Polymethyl Methacrylate (PMMA)

Finish:
Formulated for high durability and long-lasting color

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

Technical Specifications (continued)

Installation

Mounting:
Comes standard with two mounting accessories: aircraft cable for secure, suspended mounts and a stainless bracket for easy mounting to junction boxes. Power cord and canopy cover included.

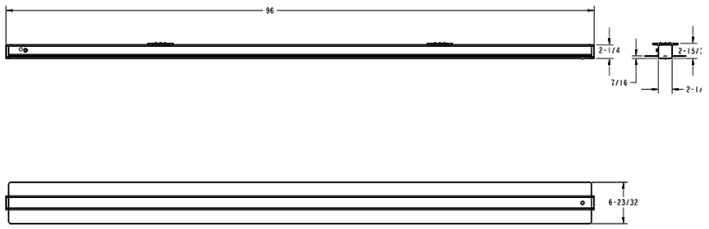
Other

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.

Dimensions



Features

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

Ordering Matrix

Family		Length (Wattage)	Color Temp	Finish	Driver	Options
TOMO	–	8				/E
		4 = 4' (48/36/24W) **8 =** 8' (96/72/48W) **2 =** 2' (24/18/12W)	**Blank =** 3000/3500/4000/5000K CCT Adjustable	**Blank =** White	**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 Sensor **/LC =** Lightcloud **/E =** Battery Backup [1] **/PIR =** Passive Infrared Occupancy Sensor **Blank =** No Option

[1] **Available only for 4' and 8'*