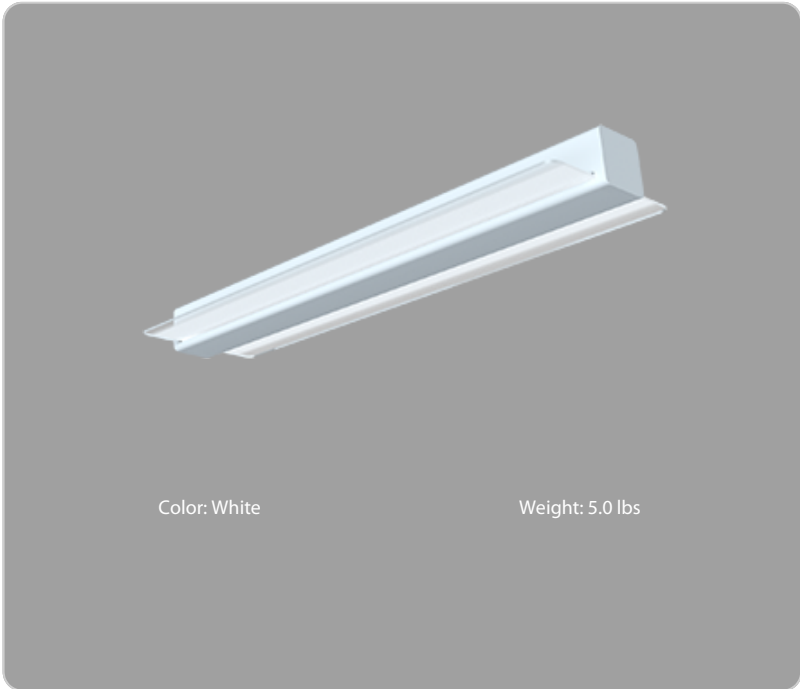




Color: White

Weight: 5.0 lbs

Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	24W
120V	0.20A	Color	3000/3500/4000/5000K
208V	0.13A	Temp	
240V	0.10A	Color Accuracy	84 CRI
277V	0.09A	L70 Lifespan	100,000 Hours
Input Watts	12.5-24.6W	Lumens	1540-3332 lm
		Efficacy	122.2-135.4 lm/W

Technical Specifications

Lightcloud

Lightcloud Blue:

Lightcloud Blue is a Bluetooth Mesh wireless lighting control system that allows you to control RAB's various compatible devices. With RAB's patented Rapid Provisioning technology, devices can be quickly and easily commissioned for residential and large commercial applications using the Lightcloud Blue mobile app. Each device in a system can communicate with any other device, eliminating the need for a Gateway or Hub and maximizing the control system's reach.

DLC system - N1XMLOEATBA (Interior);
NHCZ2BIA17L (Exterior)

Learn more at
www.rablighting.com/feature/new-lightcloud-blue.

Gateway Required:

No

Communication Protocol:

Bluetooth Mesh

Range:

Indoor: Up to 60 feet between standard building materials. Building materials such as brick, concrete, and steel construction may require additional Lightcloud Blue devices to extend around an obstruction; Up to 200 feet clear line of sight.

Outdoor: Up to 60 feet clear line of sight; Up to 18 feet around corners

Spacing Criteria:

Lightcloud Blue devices should be placed within the specified range to communicate within the Bluetooth Mesh network.

Factory Reset:

Method 1: Delete from App
Open the app and access the device settings for the paired device. Be sure that the device is online and select 'Delete'. The device will flash on/off 5 times and return to full brightness.
Method 2: Rapid Reset Tool
The Rapid Reset process must be done by a professional electrician qualified by RAB. Reach out to your RAB sales manager to request a Rapid Reset Tool. The tool simply needs to be placed directly on the sensor area for 2s or until the lamp/luminaire flashes 3x, then resets to 100% brightness at the default CCT.

Controller:

Integrated, internal

SmartShift

SmartShift: SmartShift is the most advanced - yet easiest to use - circadian lighting system, which syncs white color tuning with the local sunrise and sunset. Requires the NANO/LCB (sold separately)

Performance

Product Type:

Linear

Description:

Elegant linear lighting with field-adjustable wattage and CCT. Available in three lengths, as a suspended or wall mount, and with various sensor options and smart controls.

Wattage Equivalency:

Replaces up to (1) F32T8 or (3) F17T8

Input Wattage:

24W

Lumens (Nominal):

2,760lm

Efficacy:

115lm/W

Lifespan:

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

Electrical

Driver:

Constant Current, 120-277V, 50/60, 120V: 0.21mA; 208V: 0.12mA; 240V: 0.1mA; 277V: 0.09mA

Technical Specifications (continued)

THD: <30%	Sensing Type: Occupancy, Vacancy	5-Year, No-Compromise 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 .
Power Factor: >0.9	Occupied Actions: On or On at a Dim Level	Installation
Dimmable: Yes via the Lightcloud Blue mobile app and devices. This product will not operate properly when connected to a standard (incandescent) dimmer or dimming control.	Vacant Actions: Off or On at a Dim Level	Mounting: Pendant
Operating Temperature: -4°F to 131°F (-20°C to 55°C)	Occupancy Timeout: 1 minute to 240 minutes	Construction
Flicker: Flicker free	Daylight Sensing: Yes, continuous dimming.	Length: 2 ft
Surge Protection: 1-2 kV	LED Characteristics	Shape: Linear
Sensor Settings	Beam Angle: 335°	Finish: White
Sensor Connection Type: Integrated	Color Temperature: Default: 3000K Adjustable using the Lightcloud Blue mobile app Tunable White 3000K-5000K	Enclosure Material: Metal+Plastic
Max Mounting Height: 8 ft to 12 ft	Color Accuracy (CRI): >80 CRI	Lens: Diffused Polymethyl Methacrylate (PMMA)
Detection Range: 20 ft diameter at 9 ft mounting height	Natural Spectrum: No	Compliance
Sensor Technology: Microwave (MVS)	Color Consistency: <7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color	Listings: UL Listed, UL Classified, UL Recognized
Default Setting: Uncommissioned State: Motion Sensitivity: High Brightness when triggered : 100% Hold time: 20 minutes Standby to dim: 20% Standby time: 1 minute When vacant: Off Daylight: Off	Color Stability: LED color temperature is warrantied to shift no more than 200K in color temperature over a 5-year period	Environment: Suitable for use indoors in dry and damp environments.
Commissioned State: Once pair, the sensor will default to disabled. Once enabled the following settings apply: Motion Sensitivity: High Brightness when triggered: Last on status Hold time: 20 minutes Standby to dim: 20% Standby time: 1 minute When vacant: Off Daylight: Off	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.	DLC NLC Listed: This system is on the Design Lights Consortium (DLC) Network Lighting Controls (NLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. DLC system - N1XMLOEATBA (Interior); NHCZ2BIA17L (Exterior)
Adjustable Sensor Settings?: Yes, using the Lightcloud Blue mobile app	Other	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.
	Lighting Pattern: 70% downlight, 30% uplight	California Title 20 Compliant: No
	Compatible Accessories: TOMO CONNECT	California Title 24 JA8 Compliant: No
	Fixture to fixture connector	

Technical Specifications (continued)

California Energy Commission (CEC) Status:

Lawful for Sales in California

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.

RoHS:

Mercury and UV free. RoHS-compliant components.

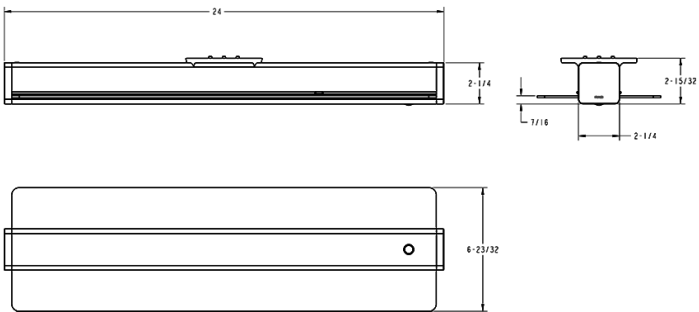
FCC:

Complies with Part 15 of the FCC Rules

Trade Agreements Act Compliant:

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

Dimensions



Features

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

Ordering Matrix

Family	Length (Wattage)	Color Temp	Finish	Driver	Controls	Battery Backup
TOMO	2				/LCBS/MVS	
	2 = 2' (24/18/12W) 8 = 8' (96/72/48W) 4 = 4' (48/36/24W)	Blank = 3000/3500/4000/5000K CCT Adjustable	Blank = White	Blank = 120-277V, 0-10V Dimming	/LCBS = Lightcloud Blue w/PIR sensor /LCS = Lightcloud Sensor /LCB = Lightcloud Blue /LCBS/MVS = Lightcloud Blue w/MVS sensor /PIR = Passive Infrared Occupancy Sensor Blank = No Option /LC = Lightcloud	/E = Battery Backup Blank = None