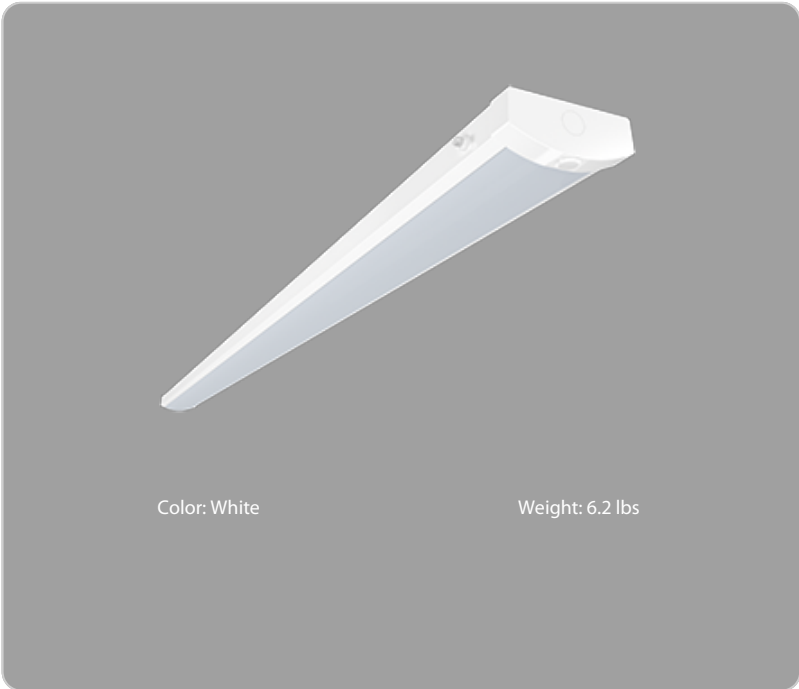




Color: White Weight: 6.2 lbs

Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	90/80/70W
120V	0.83A/0.73A/0.64A	Color Temp	3500/4000/5000K
208V	0.47A/0.42A/0.37A	Color Accuracy	84-86 CRI
240V	0.41A/0.36A/0.32A	L70 Lifespan	100,000 Hours
277V	0.35A/0.31A/0.27A	Lumens	9,177-12,721 lm
Input Watts	70-90W	Efficacy	130.5-141.3 lm/W

Technical Specifications

Field Adjustability

Field Adjustable:

Field Adjustable Light Output:
90W/80W/70W (factory default 90W)
Color temperature selectable by 3500K, 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.

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-RGTLLJ (High-Bay Luminaires)
DLC Product Code: S-LS9WP7 (Stairwell and Passageway Luminaires)
DLC Product Code: S-FM9QRH (Direct Linear Ambient Luminaires)

Electrical

Driver:

Constant Current, Class 2, Class P, 120-277V, 50/60 Hz
90W: 120V: 0.83A, 208V: 0.47A, 240V: 0.41A, 277V: 0.35A
80W: 120V: 0.73A, 208V: 0.42A, 240V: 0.36A, 277V: 0.31A
70W: 120V: 0.64A, 208V: 0.37A, 240V: 0.32A, 277V: 0.27A

Dimming Driver:

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

THD:

3.9% at 120V, 11.3% at 277V

Power Factor:

99.4% at 120V, 92.0% at 277V

Surge Protection:

L-N: 1 kV
L/N-PG: 2 kV

Battery Backup:

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

Battery Backup Light Loss Factor:

25W: 0.15
20W: 0.18
14W: 0.25

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 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

Maximum Ambient Temperature:

Suitable for use in up to 122°F(50°C)

Housing:

Color coated steel sheets

Lens:

Polycarbonate lens

Technical Specifications (continued)

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

Installation**Mounting:**

Surface mount. Can be mounted with v-hooks (ordered separately).

Lightcloud**Lightcloud Blue Sensor Installed:**

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.lightcloud.com.

Sensor Settings**Operating Voltage:**

12V DC

Operating Current:

≤25mA

Output:

Dim/0-10V

Microwave Frequency:

5.8GHz±75MHz

Microwave Power:

<0.3mW

Stand-by Power:

≤0.5W

Detection Area:

25%/50%/75%/100%

Hold Time:

5s/30s/1min/3min/5min/10min/20min/30min

Daylight Threshold:

2Lux/10Lux/30Lux/50Lux/80Lux/120Lux/Disable

Stand-by Period:

0s/10s/30s/1min/5min/10min/30min/+∞

Stand-by Dimming Level:

10%/20%/30%/50%

Operating Temperature:

-20°C~+60°C

Mounting Height:

Max 12m/39.37ft. Ceiling Mounted

Detection Range:

Max 14m/45.92 ft Ceiling Mounted

Motion Detection:

0.5~1.5m/s

Lux On-Off:

Adopted dual PD technology. GUS17-MVS is able to differentiate artificial light brightness from natural light after installed inside.

Remote Control Accessory:

Adjust settings using remote control (catalog# MSR1). Only available with 0-10V dimming driver options. [Remote control available here.](#)

Other**5-Year Limited Warranty:**

The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Ordering Matrix

Family	Size/Wattage	Color Temp	Finish	Driver	Controls	Battery Backup
GUS17	8				/LCBS/MVS	/E
	2 = 2ft (25/20/15W) 4 = 4ft (50/40/30W) 8 = 8ft (90/80/70W)	Blank = 3500/4000/5000K CCT Adjustable	Blank = White	Blank = 120-277V, 0-10V Dimming	/LCBS/MVS = Lightcloud Blue w/MVS Sensor Blank = None /LCBS = Lightcloud Blue w/PIR Sensor /MVS = Microwave Occupancy Sensor /PIR = Passive Infrared Occupancy Sensor	Blank = None /E = Battery Backup