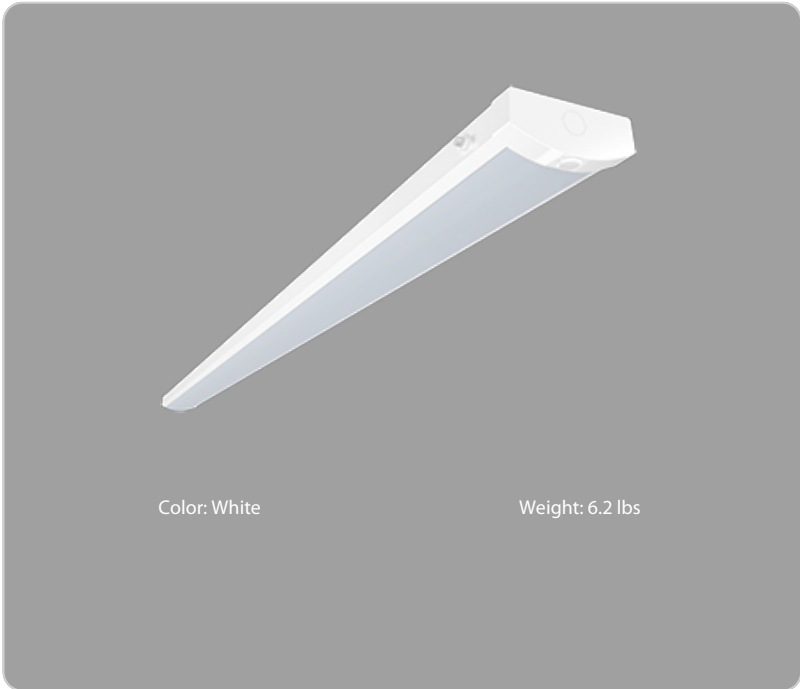




Project:	Type:
Prepared By:	Date:

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:

90W: 0.13
80W: 0.15
70W: 0.17

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).

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				/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