

GUS17 Field-Adjustable Wrap



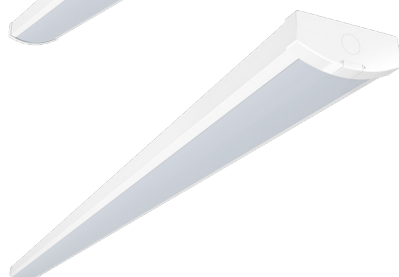
GUS17-2



GUS17-4



GUS17-8



PROJECT:

DATE:

TYPE:

PREPARED BY:



KEY FEATURES

- Available models with selectable wattages:
2 ft: 25/20/15W (25W default)
4 ft: 50/40/30W (50W default)
8 ft: 90/80/70W (90W default)
- Field-adjustable CCT: 3500/4000/5000K (4000K default)
- Stand-alone or networked control. All models available with **microwave** or **PIR** motion sensor options
- UL Listed for **damp** locations
- 0-10V dimming
- 5-Year, limited warranty

Field-Adjustable, LED Wrap



PERFORMANCE

GUS17-2	3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K
WATTAGE	25W			20W			15W		
INPUT WATTS	25W	25W	25W	20W	20W	20W	15W	15W	15W
LUMENS	2,906	2,974	2,971	2,419	2,419	2,430	1,798	1,818	1,837
EFFICACY (LM/W)	117.4	123.3	120.9	123.6	123.6	122.1	199.2	122.8	122.3
CRI	86	83	82	83	83	82	83	83	82
VOLTAGE RATINGS	120-277V								

GUS17-4	3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K
WATTAGE	50W			40W			30W		
INPUT WATTS	50W	50W	50W	40W	40W	40W	30W	30W	30W
LUMENS	5,694	5,873	5,869	4,749	4,877	4,882	3,662	3,734	3,772
EFFICACY (LM/W)	115.4	125.7	122.5	121.2	127.3	124.9	123.2	128.1	126.9
CRI	86	84	82	83	84	82	83	84	82
VOLTAGE RATINGS	120-277V								

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PERFORMANCE

GUS17-8	3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K
WATTAGE	90W			80W			70W		
INPUT WATTS	89.3W	90.0W	90.0W	80.0W	80.0W	80.0W	70.0W	70.0W	70.0W
LUMENS	11,655	12,721	12,602	10,697	10,884	10,817	9,177	9,324	9,341
EFFICACY (LM/W)	130.5	141.3	140.0	133.7	136.1	135.2	131.1	133.2	133.4
CRI	85	86	85	84	86	85	84	86	85
VOLTAGE RATINGS	120-277V								

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 family is listed with the Design Lights Consortium (DLC). Individual SKUs with this family may carry either a DLC Standard or DLC Premium qualification. Please refer to the individual product specification sheet or the DLC Qualified Product list (QPL) at designlights.org to confirm the qualification status of a specific SKU prior to specification or purchase.

LED CHARACTERISTICS

LEDs

Long-life, high-efficacy, discrete, 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.

FACTORY SETTINGS

Power:

2 ft: 25/20/15W (25W default)

4 ft: 50/40/30W (50W default)

8 ft: 90/80/70W (90W default)

Field-adjustable CCT: 5000/4000/3500K (4000K default)

CONSTRUCTION

Cold Weather Starting

The minimum starting temperature is -20°C (-4°F)

Cold Weather Starting for battery back-up

GUS17-2 / GUS17-4: The minimum starting temperature is 0°C (32°F)

GUS17-8: The minimum starting temperature is 5°C (41°F)

Maximum Ambient Temperature

GUS17-2 / GUS17-4: Suitable for use in up to 45°C (113°F)

GUS17-8: Suitable for use in up to 40°C (104°F)

Maximum Ambient Temperature for battery back-up

Suitable for use in up to 50°C (122°F)

Mounting

Surface mounting standard. GUS17 VHOOK and GUS17 JOIN KIT ordered separately.

Housing

Color coated steel sheets

Lens

Polycarbonate

Finish

Formulated for high durability and long-lasting color

Green Technology

Mercury and UV free. RoHs-compliant components.

ELECTRICAL

Drivers:

Constant Current, Class 2, Class P, 120-277V, 50/60 Hz,

GUS17-2 25W: 120V: 0.21A, 208V: 0.12A, 240V: 0.11A, 277V: 0.1A

GUS17-2 20W: 120V: 0.17A, 208V: 0.1A, 240V: 0.09A, 277V: 0.08A

GUS17-2 15W: 120V: 0.13A, 208V: 0.08A, 240V: 0.07A, 277V: 0.06A

GUS17-4 50W: 120V: 0.42A, 208V: 0.25A, 240V: 0.22A, 277V: 0.19A

GUS17-4 40W: 120V: 0.34A, 208V: 0.2A, 240V: 0.17A, 277V: 0.15A

GUS17-4 30W: 120V: 0.25A, 208V: 0.15A, 240V: 0.13A, 277V: 0.11A

GUS17-8 90W: 120V: 0.83A, 208V: 0.47A, 240V: 0.41A, 277V: 0.35A

GUS17-8 80W: 120V: 0.73A, 208V: 0.42A, 240V: 0.36A, 277V: 0.31A

GUS17-8 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%.

GUS17 Field-Adjustable Wrap



TECHNICAL SPECIFICATIONS

ELECTRICAL

THD:

GUS17-2: 6.6% at 120V, 14.51% at 277V

GUS17-4: 6.6% at 120V, 14.51% at 277V

GUS17-8: 3.9% at 120V, 11.3% at 277V

Power Factor:

GUS17-2: 99.44% at 120V, 94.47% at 277V

GUS17-4: 99.56% at 120V, 95.91% at 277V

GUS17-8: 99.4% at 120V, 92.0% at 277V

Surge Protection

DM(L/N):1KV,CM (L/N-PE) :2KV

Battery Backup Light Loss Factor:

GUS17-2:

25W: 0.15

20W: 0.18

15W: 0.25

GUS17-4:

50W: 0.19

40W: 0.24

30W: 0.31

GUS17-8:

90W: 0.13

80W: 0.15

70W: 0.17

LIGHTCLOUD BLUE

Lightcloud Blue-enabled

Lightcloud Blue (LCB) 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

OCCUPANCY SENSOR

Sensor Type: Passive Infrared (PIR) or Microwave (MVS)

Input Voltage: 12VDC

Operating Frequency: 50/60Hz

Input Current: 30mA

Operating Temperature: -40°F to 140°F (-20°C to 60°C)

Max Mounting Height: 40 ft. (PIR); 50 ft. (MVS)

Detection Range: PIR: 40 ft. diameter mounted at 40 ft. (/PIR & /LCBS); MVS: 50 ft. diameter mounted at 50 ft. (/MVS & /LCBS/MVS); PIR20[B]/LCB and MVS20[B]/LCB 20 ft. diameter mounted at 9 ft. (sold separately)

Daylight Sensing: The sensor will determine to trigger the light(s) on or not based on the daylight threshold level set.

Default Settings:

Motion Sensitivity: High

Brightness when triggered : 100%

Hold time: 1 minute (20 minutes for LCB sensors)

Standby to dim: 20%

Standby time: 1 minute

When vacant: Off

OTHER

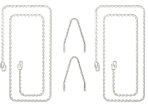
Warranty

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.

Lifespan

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

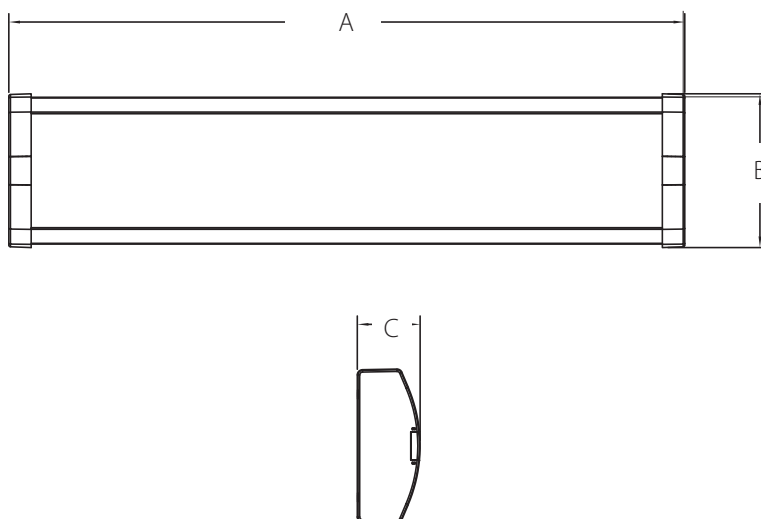
ACCESSORIES

IMAGE	SKU#	UPC	DESCRIPTION
	GUS17 VHOOK	192552028493	GUS17 2-VHOOK, 2-40" CHAINS
	GUS17-JOIN-KIT-G2	192552046312	GUS17 JOIN KIT WITH BRACKET/NUTS/WIRE
	MSR1	192552026055	MULTI-SENSOR REMOTE CONTROL IP20

GUS17 Field-Adjustable Wrap



DIMENSIONS



MODEL#	A	B	C	Weight
GUS17-2	23 ³ / ₄ "	5 ³ / ₈ "	2 ¹ / ₄ "	2.29 lbs
GUS17-4	47"	5 ³ / ₈ "	2 ¹ / ₄ "	3.84 lbs
GUS17-8	96"	5 ³ / ₈ "	2 ¹ / ₄ "	6.20 lbs

ORDERING MATRIX

GUS17 Ultra-Economy, Field-Adjustable, LED Wrap

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