

# GUS17 Field-Adjustable Wrap



GUS17-2

GUS17-4

PROJECT: \_\_\_\_\_

DATE: \_\_\_\_\_

TYPE: \_\_\_\_\_

PREPARED BY: \_\_\_\_\_



## KEY FEATURES

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

## Field-Adjustable, LED Wrap



0-10V



50,000 HOURS



POWERED BY LIGHTCLOUD



POWER ADJUSTABLE



FIELD ADJUSTABLE



DAMP RATED

## 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.

CATALOG#	DLC ID
GUS17-2	S-TXS13W
GUS17-4	S-Y281AB(Direct Linear Ambient Luminaires) S-OZBJQS (Low-Bay Luminaires)

### 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.

### CONSTRUCTION

#### Cold Weather Starting

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

#### Cold Weather Starting for battery back-up

The minimum starting temperature is 0°C (32°F)

#### Maximum Ambient Temperature

Suitable for use in up to 45°C (113°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.

## TECHNICAL SPECIFICATIONS

### 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

#### Dimming Driver:

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

#### THD:

**GUS17-2:** 6.6% at 120V, 14.51% at 277V  
**GUS17-4:** 6.6% at 120V, 14.51% at 277V

#### Power Factor:

**GUS17-2:** 99.44% at 120V, 94.47% at 277V  
**GUS17-4:** 99.56% at 120V, 95.91% at 277V

#### Surge Protection

L-N:1KV, L/N-PG:2KV

#### Battery Backup Light Loss Factor:

**GUS17-2:**  
25W: 0.05  
20W: 0.06  
15W: 0.05  
**GUS17-4:**  
50W: 0.03  
40W: 0.04  
30W: 0.05

Note: All values are typical (tolerance +/- 10%)

### 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](http://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

#### Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the BUY American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

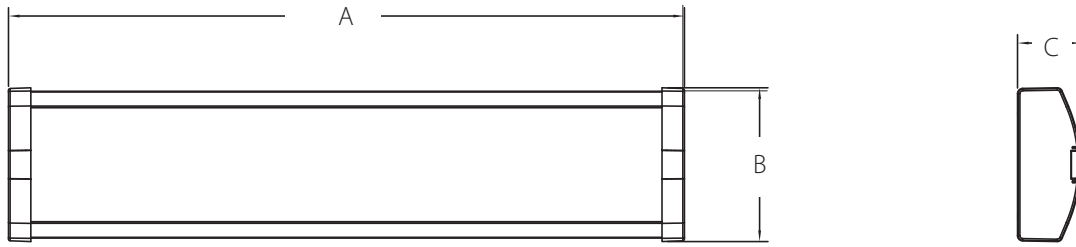
#### Warranty

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](http://rablighting.com/warranty).

# GUS17 Field-Adjustable Wrap



## DIMENSIONS



MODEL#	A	B	C	Weight (Lbs)
GUS17-2	23 3/4"	5 3/8"	2 1/4"	2.29
GUS17-4	47"	5 3/8"	2 1/4"	3.84

## ACCESSORIES

IMAGE	SKU#	UPC	DESCRIPTION
	GUS17 VHOOK	192552028493	GUS17 2-VHOOK, 2-40" CHAINS
	GUS17 JOIN KIT	192552028486	GUS17 JOIN KIT WITH BRACKET/NUTS/WIRE
	MSR1	192552026055	MULTI-SENSOR REMOTE CONTROL IP20

## PERFORMANCE

GUS17-2	5000K	4000K	3500K	5000K	4000K	3500K	5000K	4000K	3500K
WATTAGE	25W			20W			15W		
INPUT WATTS	25W	25W	25W	20W	20W	20W	15W	15W	15W
LUMENS	2,971	2,974	2,906	2,430	2,419	2,368	1,837	1,818	1,798
EFFICACY (LM/W)	120.9	123.3	117.4	122.1	123.6	118.8	122.3	122.8	199.2
CRI	82	83	86	82	83	83	82	83	83
VOLTAGE RATINGS	120-277V								

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

# GUS17 Field-Adjustable Wrap



## ORDERING MATRIX

### GUS17 Ultra-Economy, Field-Adjustable, LED Wrap

Family	Size/Wattages	Color Temperature	Finish	Voltage	Options
<b>GUS17</b>	-				
	2 2 Feet (25/20/15W) 4 4 Feet (50/40/30W)	BLANK 5000/4000/3500K	BLANK White	BLANK 120-277V, 0-10V Dimming	BLANK No Option /E Battery Backup /MVS Microwave Occupancy Sensor /PIR Passive Infrared Occupancy Sensor /LCB Lightcloud Blue Enabled /LCBS Lightcloud Blue PIR Sensor /LCBS/MVS Lightcloud Blue MVS Sensor /MVS/E Microwave Occupancy Sensor /Battery Backup /PIR/E Passive Infrared Occupancy Sensor /Battery Backup /LCBS/E Lightcloud Blue PIR Sensor / Battery Backup /LCBS/MVS/E Lightcloud Blue MVS Sens /Battery Backup