

GUS Field-Adjustable Wrap



GUS2



GUS4



PROJECT: _____

DATE: _____

TYPE: _____

PREPARED BY: _____



KEY FEATURES

- Available in two sizes with selectable wattages:
2 Ft: 25/20/15W (Default: 25W)
4 Ft: 50/40/30W (Default: 50W)
- Adjustable CCT: 3000/3500/4000/5000/6500K (Default: 4000K)
- 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



PERFORMANCE

Catalog Number	Size	Wattage	Lumens	Efficacy	Color Temperature	CRI	L70 Lifespan
GUS2	2 ft	25/20/15W	2,232 - 3,651	139.5 - 148.2	CCT adjustable 3000/3500/4000/5000/6500K	>80 CRI	100,000 Hrs
GUS4	4 ft	50/40/30W	4,424 - 7,332	141.0 - 154.7			

PHOTOMETRIC

GUS2	3000K	3500K	4000K	5000K	6000K	3000K	3500K	4000K	5000K	6000K	3000K	3500K	4000K	5000K	6000K
WATTAGE	25W					20W					15W				
INPUT WATTS	25.3W	25.0W	24.8W	24.7W	25.1W	20.6W	20.4W	20.2W	20.1W	20.4W	16.0W	15.8W	15.7W	15.6W	15.9W
LUMEN	3,552	3,592	3,626	3,651	3,632	2,897	2,930	2,957	2,978	2,962	2,232	2,257	2,279	2,294	2,282
EFFICACY	140.4	143.7	146.2	147.8	144.7	140.6	143.6	146.4	148.2	145.2	139.5	142.8	145.2	147.1	143.5
CRI	82	84	85	85	84	82	84	85	85	84	82	84	85	85	84
VOLTAGE RATING	120-277V														

PHOTOMETRIC (cont'd)

GUS4	3000K	3500K	4000K	5000K	6000K	3000K	3500K	4000K	5000K	6000K	3000K	3500K	4000K	5000K	6000K
WATTAGE	50W					40W					30W				
INPUT WATTS	50.5	50.1	49.4	49.9	51.2	39.8	39.5	38.9	39.3	40.4	29.9	29.7	29.2	29.5	30.3
LUMEN	7,182	7,250	7,332	7,312	7,220	5,837	5,892	5,959	5,943	5,868	4,424	4,466	4,516	4,504	4,447
EFFICACY	142.2	144.7	148.4	146.5	141.0	146.7	149.2	153.2	151.2	145.2	148.0	150.4	154.7	152.7	146.8
CRI	82	84	85	86	84	82	84	85	86	84	82	84	85	86	84
VOLTAGE RATING	120-277V														

TECHNICAL SPECIFICATIONS

COMPLIANCE

UL Listed

Suitable for damp locations

TAA

This product complies with Trade Agreement Act

DLC Listed

This product family is listed with the DesignLights Consortium (DLC). Individual SKUs within this family may carry either a DLC Standard or DLC Premium qualification. Please refer to the individual product specification sheet or the DLC Qualified Products 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.

Color Temperature

Field adjustable 3000/3500/4000/5000/6500K

Default: 4000K

Color Accuracy (CRI)

80+ CRI

FACTORY SETTINGS

Power:

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

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

Field-adjustable CCT: 3000/3500/4000/5000/6500K (4000K default)

CONSTRUCTION

Cold Weather Starting

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

Cold Weather Starting w/battery back-up

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

Maximum Ambient Temperature

Suitable for use in up to 40°C (104°F)

Maximum Ambient Temperature w/battery back-up

Suitable for use in up to 40°C (104°F)

Mounting

Surface mounting standard. VHOOKGUSJR ordered separately for vhook mounting.

Housing

Color coated steel sheets

Lens

PMMA

Reflector

Iron

Finish

Formulated for high durability and long-lasting color

Green Technology

Mercury and UV free. RoHs-compliant components.

TECHNICAL SPECIFICATIONS (cont'd)

ELECTRICAL

Drivers:

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

GUS17-2 25W: 120V: 0.21A, 208V: 0.12A, 240V: 0.10A, 277V: 0.09A

GUS17-2 20W: 120V: 0.17A, 208V: 0.10A, 240V: 0.08A, 277V: 0.07A

GUS17-2 15W: 120V: 0.13A, 208V: 0.07A, 240V: 0.06A, 277V: 0.05A

GUS17-4 50W: 120V: 0.42A, 208V: 0.24A, 240V: 0.21A, 277V: 0.18A

GUS17-4 40W: 120V: 0.33A, 208V: 0.19A, 240V: 0.17A, 277V: 0.14A

GUS17-4 30W: 120V: 0.25A, 208V: 0.14A, 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: 8.3% at 120V, 16.4% at 277V

GUS17-4: 10.0% at 120V, 6.4% at 277V

Power Factor:

GUS17-2: 99.4% at 120V, 95.1% at 277V

GUS17-4: 99.3% at 120V, 95.4% at 277V

Battery Backup Light Loss Factor:

GUS17-2: 16%

GUS17-4: 16%

Surge Protection

2kV + 4kV

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: 8 ft. (PIR); 12 ft. (MVS)

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

Daylight Sensing: TDim levels will continuously adjust based on the daylight threshold level set in the Lightcloud Blue mobile app.

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

Adjustable Settings: Settings for Lightcloud Blue-enabled sensors can be adjusted using the mobile app. All other sensors will require MSR1 Remote to adjust the following sensor settings:

Standby to dim: 10%/20%/30%/50%

Standby time: 0s/10s/30s/1min/5min/10min/30min/60min/+∞

Daylight Threshold: 2Lux/10Lux/30Lux/50Lux/80Lux/120Lux/Disable

ELECTRICAL

Lightcloud Blue:

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

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

WIRELESS NETWORK LIGHTING CONTROLS

Lightcloud products offer integrated network lighting control for a truly wireless solution that allows you to manage RAB's various compatible devices. With RAB's patented Rapid Provisioning technology, devices can be quickly and easily commissioned for residential and commercial applications. Each device can communicate with other devices in the mesh network. With two Lightcloud systems to choose from, it's easy to implement controls anywhere.

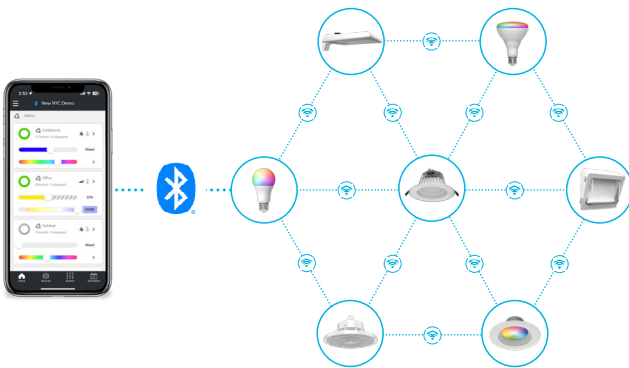


Learn more about Lightcloud wireless networked lighting controls.

Design Lights Consortium Network Lighting Controls:

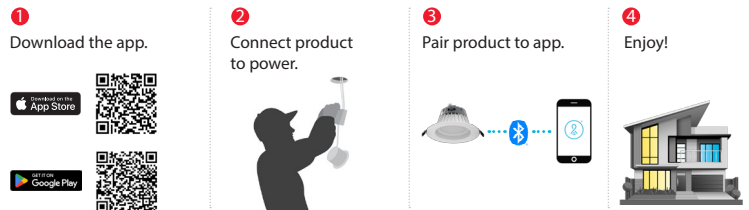
- Interior Applications: N1XMLOEATB
- Exterior Applications: NHCZ2BIA17L

Lightcloud®



- Utilizes Bluetooth Mesh, eliminating the need for a Gateway or Hub
- Ideal for applications that need basic wireless control such as ON/OFF, dimming, color tuning, Schedules, and SmartShift
- Download the Lightcloud Blue mobile app for iOS or Android devices
- Add the XDIM/BRIDGE/LCB and LCGATEWAY to adopt premium Lightcloud Enterprise features

SIMPLE SETUP



Learn more about [Lightcloud Blue](#). Visit the [Lightcloud Blue Resources](#) page for more information on how to use the system.

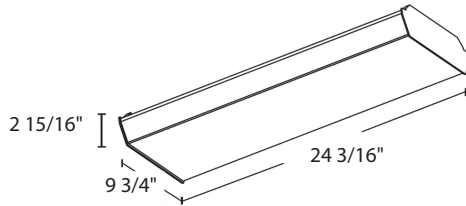
GUS Field-Adjustable Wrap



DIMENSIONS

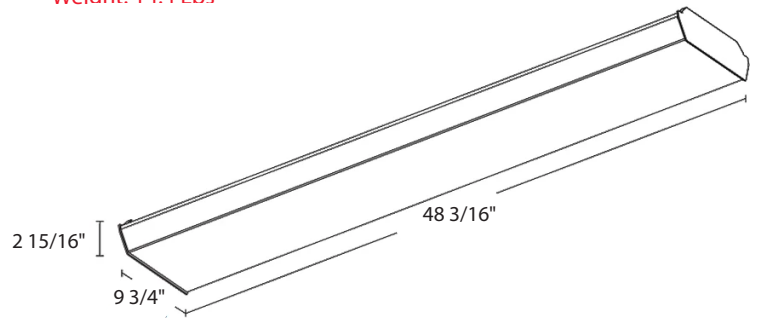
GUS2

Weight: 8.3 Lbs

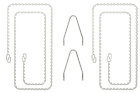


GUS4

Weight: 14.4 Lbs



ACCESSORIES



VHOOKGUSJR



GUS JCAP



MSR1

Catalog Number	UPC	Description
VHOOKGUSJR	019813708874	VHOOK GUS JR 2 PCS
GUS JCAP	019813426631	JOINER BRACKET W.SCREWS FOR GUS2/GUS4
MSR1	192552026055	MULTI SENSOR REMOTE 1P20

ORDERING MATRIX

Family	Size/ Wattage	Color Temp	Finish	Driver	Control				
GUS	2								
2	2', 25/20/15W	Blank	3000/3500/4000/5000/6500K	Blank	White	Blank	120V; TRIAC/ELV	Blank	None
4	4', 50/40/30W		CCT Adjustable					/MVS	Internal Microwave Sensor
								/PIR	External Passive Infrared sensor
								/LCBS	External Lightcloud Blue w/PIR Sensor
								/LCBS/MVS	Internal Lightcloud Blue w/MVS Sensor
								/LC	Lightcloud