GUSJR2/PIR

RAB

The affordable LED GUSJR is designed to deliver general ambient lighting for surface-mount ceiling/wall or pendant mount applications. Prismatic lens delivers improved visual performance and a more traditional look. Replaces traditional 2' linear fluorescent wraparound fixtures.

Color: White   Weight: 5.6 lbs

Driver Info

Type	Constant
120V	0.17A/0.13A/0.08A
208V	0.10A/0.07A/0.05A
240V	0.09A/0.07A/0.05A
277V	0.08A/0.06A/0.05A
Input Watts	10.6-20.2W

LED Info

Watts	20/15/10W
Color Temp	3500K/4000K/5000K
Color Accuracy	83-85 CRI
L70 Lifespan	N/A
Lumens	1,382-2,790 lm
Efficacy	126.2-143.8 lm/W

Technical Specifications

Field Adjustability

Field Adjustable:
Field Adjustable Light Output:
2 ft: 22W/17W/11W (factory default 22W)
Color temperature selectable by 3500K, 4000K and 5000K (factory default 4000K)

Compliance

UL Listed:
Suitable for damp locations

Trade Agreements Act Compliant:
This product is a product of Cambodia and a "designated country" end product that complies with the Trade Agreements Act

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-IWJQ5M

Electrical

Driver:
20W: Class 1, Constant Current, 120-277V, 50/60 Hz, 120V: 0.17A, 208V: 0.10A, 240V: 0.09A, 277V: 0.08A

15W: Class 1, Constant Current, 120-277V, 50/60 Hz, 120V: 0.13A, 208V: 0.07A, 240V: 0.07A, 277V: 0.06A

10W: Class 1, Constant Current, 120-277V, 50/60 Hz, 120V: 0.08A, 208V: 0.06A, 240V: 0.05A, 277V: 0.04A

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

THD:
7% at 120V, 7% at 277V

Power Factor:
99.5% at 120V, 97.3% at 277V

Surge Protection:
L-N: 2KV
L/N-GND: 4KV

Performance

Lifespan:
50,000-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

Cold Weather Starting:
The minimum starting temperature is -20°C (-4°F)

Maximum Ambient Temperature:
Suitable for use in up to 45°C (113°F)

Housing:
Sheet metal stamping 24 gauge, cold-rolled steel

Reflector:
Sheet metal forming 24 gauge, cold-rolled steel with white powder coat

Lens:
Diffused Polymethyl Methacrylate (PMMA)

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

Technical Specifications (continued)

Finish:
Formulated for high durability and long-lasting color

Green Technology:
Mercury and UV free. RoHS-compliant components.

Sensor Specifications

PIR Sensor Factory Settings:
Brightness: 100%
Hold Time: 1 Minute
Daylight: Disabled
Senstivity: 100%
Stand-By Dimming Level: 20%
Stand-By Time: 1 Minute

Operating Voltage:
12 ± 2V DC

Operating Current:
30mA

Output:
DIM 0-10V

Stand-By Power:
<0.5W

Brightness:
0%-100%/Quick setting: 70%/80%/90%/100%

Hold Time:
10s/1min/10min/30min

Daylight Threshold:
10Lux/30Lux/50Lux/100Lux/Disable

Lux On-Off:
Adopted dual PD technology. H17-PIR is able to differenciate artificial light brightness from natural light after installed inside.

Stand-By Time:
1min/30min/60min/+∞

Stand-By Dimming Level:
10%/20%/30%/50%

Detection Angle:
≤120° (wall mounted) 360° (ceiling mounted)

Control Line:
Black White 12V+ ; Purple: DIM+ ; Pink GND/DIM-

Mounting Height:
Max 6M (ceiling mounted)

Detection Range:
Max 8m (ceiling mounted) Max 6m(wall mounted)

Operating Temperature:
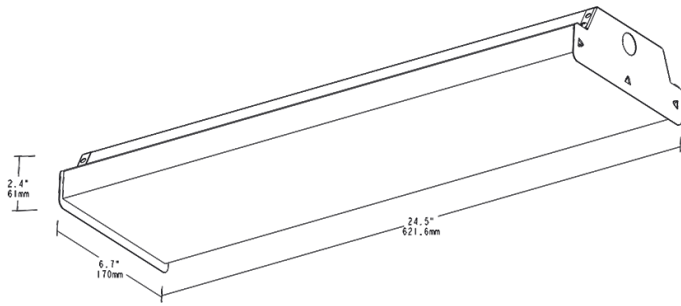-30°C to 60°C (-22°F to 140°F)

Other

5 Yr 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.

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.

GUSJR2/PIR

RAB®

Dimensions

2.4"
61mm

24.5"
621.6mm

6.7"
170mm

Features

Affordable, easy to use LED wrap fixture

0-10V dimming, standard

50,000-Hour LED lifespan

Ordering Matrix

Family	Size (Wattages)	Color Temp	Voltage	Finish	Options
GUSJR	2				/PIR

2 = 2' (20W/15W/10W)
4 = 4' (40W/30W/20W)

Blank = 3500K/4000K/5000K Selectable

Blank = 120-277V, 0-10V Dimming

Blank = White

Blank = No Option
/E = Battery Backup
/MVS = Microwave Occupancy Sensor
/PIR = Passive Infrared Occupancy Sensor
/LC = Lightcloud Controller
/LCB = Lightcloud® Blue Enabled
/LCBS = Lightcloud® Blue Enabled w/ PIR Sensor
/LCBS/MVS = Lightcloud® Blue Enabled w/ MVS Sensor
/MVS/E = Microwave Occupancy Sensor w/ Battery Backup
/PIR/E = Passive Infrared Occupancy Sensor w/ Battery Back Up
/LCBS/E = Lightcloud® Blue Enabled w/ PIR Sensor and Battery Backup
/LCBS/MVS/E = Lightcloud® Blue Enabled w/ MVS Sensor and Battery Backup

Need help? Tech help line: **(888) 722-1000** Email: **sales@rablighting.com** Website: **www.rablighting.com**

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