GUSJR4/LCBS/E

RAB

Project:		Type:
Prepared By:		Date:

Driver Info

Type	Constant
120V	0.36A/0.27A0.18A
208V	0.21A/0.16A/0.11A
240V	0.18A/0.14A/0.10A
277V	0.16A0.12A/0.09A
Input Watts	20.4-39.5W

LED Info

Watts	40/30/20W
Color Temp	3500K/4000K/5000K
Color Accuracy	83-85 CRI
L70 Lifespan	N/A
Lumens	2,883-5,540 lm
Efficacy	127.7-150.1 lm/W

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 4' linear fluorescent wraparound fixtures.

Color: White   Weight: 10.6 lbs

Technical Specifications

Field Adjustability

Field Adjustable:
Field Adjustable Light Output:
4ft: 44W/33W/22W (factory default 44W)
Color temperature selectable by 3500K, 4000K and 5000K (factory default 4000K)

Compliance

UL Listed:
Suitable for damp locations

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-QT24X6

Electrical

Driver:
40W: Class 1, Constant Current, 120-277V, 50/60 Hz, 120V: 0.36A, 208V: 0.21A, 240V: 0.18A, 277V: 0.16A

30W: Class 1, Constant Current, 120-277V, 50/60 Hz, 120V: 0.27A, 208V: 0.16A, 240V: 0.14A, 277V: 0.12A

20W: Class 1, Constant Current, 120-277V, 50/60 Hz, 120V: 0.18A, 208V: 0.11A, 240V: 0.10A, 277V: 0.09A

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

THD:
8% at 120V, 7% at 277V

Power Factor:
99.1% at 120V, 95.9% at 277V

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

Battery Backup:
Battery backup will operate the fixture for 90 minutes if power fails. Wired for 120-277V.

Battery Backup Light Loss Factor:
20%

Connection Type:
RJ09

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 0°C (32°F)

Maximum Ambient Temperature:
Suitable for use in up to 50°C (122°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).

RAB

Technical Specifications (continued)

Finish:
Formulated for high durability and long-lasting color

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

Lightcloud

Lightcloud Blue:
Lightcloud Blue is a Bluetooth mesh wireless lighting control system that allows you to control RAB's various compatible devices. With RAB's patent-pending 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
Learn more at www.lightcloud.com

Gateway Required:
No

Communication Protocol:
Bluetooth Mesh

Range:
Up to 60 feet between standard building materials. Up to 200 feet clear line of sight.

Spacing Criteria:
Lightcloud Blue devices should be placed within the specified range to communicate within the Bluetooth Mesh network.
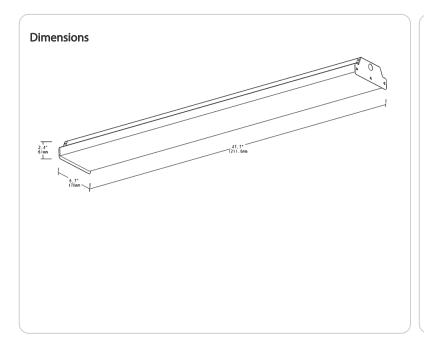
Other

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.

GUSJR4/LCBS/E

RAB®

Dimensions

2.4" / 61mm

47.7" / 1211.8mm

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	4				/LCBS/E

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

Color Temp:
Blank = 3500K/4000K/5000K Selectable

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

Finish:
Blank = White

Options:
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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