GUS4-50W/D10/LC

RAB®

Project:		Type:
Prepared By:		Date:

The affordable LED GUS is designed to deliver general ambient lighting for surface-mount ceiling/wall or pendant mount applications. Diffusion lens delivers improved visual performance and a more refined look. Replaces traditional 4' linear fluorescent wraparound fixtures.

Color: White   Weight: 8.3 lbs

Driver Info

Type	Constant Current
120V	0.38A
208V	0.26A
240V	0.23A
277V	0.17A
Input Watts	46.3W

LED Info

Watts	50W
Color Temp	5000K (Cool)
Color Accuracy	84 CRI
L70 Lifespan	100,000 Hours
Lumens	6,349 lm
Efficacy	137.1 lm/W

Technical Specifications

Lightcloud

Lightcloud Controller Installed:
Integrated/embedded networked lighting control, luminaire-level lighting control. Fixture, Zone, and plug-load control from one powerful device. LLLC - capable of switching, 0-10Vdimming, power/energy monitoring. Can also be used to extend the range of the Lightcloud mesh network communication protocols. Offers the capability to set the maximum light output to a less-than-maximum state of an individual luminaire at the time of installation or commissioning. The High-End trim functionality is field reconfigurable via the Lightcloud mesh network communication protocols. The Lightcloud controller can be attached to the fixture, junction box, or electrical panel.
DLC system - N1XMLOEATBA
Learn more about Lightcloud.

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: P1QOR0EI

Performance

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

Wattage Equivalency:
Equivalent to (3) F32T8

LED Characteristics

Color Stability:
LED Color temperature is warrantied to shift no more than 200K in color temperature over a 5-year period

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.

Electrical

Driver:
Constant current, Class 2, 120-277V, 50/60 Hz, 120V: 0.38A, 208V: 0.26A, 240V: 0.23A, 277V: 0.17A, 2kV surge protection

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

THD:
3.46% at 120V, 5.61% at 277V

Power Factor:
99.7% at 120V, 96.5% at 277V

Minimum Starting Temperature:
0° to 40°C

Construction

Housing:
Die-formed 22 gauge, cold-rolled, post-painted steel. Post painting improves durability of the finish and eliminates the sharp edges making handling and installation safer.

Mounting:
Surface mount. Can be mounted with chains or v-hooks by others.

Lens:
Acrylic lens with diffusion for enhanced optical performance

Reflector:
Aluminum with high-reflectance (91%) powder coat applied post production for a more durable finish

Finish:
Formulated for high durability and long-lasting color

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Technical Specifications (continued)

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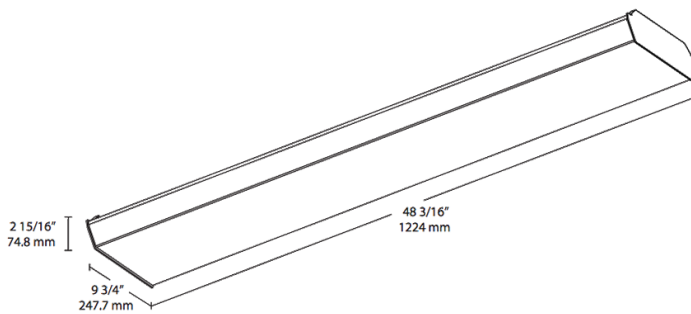
Other

Warranty:
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture 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.

Dimensions

2 15/16"
74.8 mm

48 3/16"
1224 mm

9 3/4"
247.7 mm

Features

- Energy-efficient, maintenance-free LED wrap fixture
- Multiple mounting options: surface, pendant or chain
- High-reflectance white finish for optimal output
- Diffusion wrap-around lens for smooth light distribution
- 0-10V dimming, standard
- 100,000-Hour LED lifespan

Ordering Matrix

Family	Size		Wattage	Color Temp	Finish	Driver Options
GUS	4	–	50		W	/D10/LC

Family	Size	Wattage	Color Temp	Finish	Driver Options
	4 = 4 ft	**18** = 18W (2 ft)	**Blank** = 5000K Cool	**W** = White	**/D10** = 0-10V Dimming
	2 = 2 ft	**25** = 25W (2 ft)	**N** = 4000K Neutral		**/D10/E2** = 0-10V Dimming w/ Battery Backup
		36 = 36W (4 ft)	**YN** = 3500K Warm Neutral		**/D10/LC** = 0-10V Dimming w/ Lightcloud® Controller
		50 = 50W (4 ft)	**Y** = 3000K Warm		**/D10/LCB** = 0-10V Dimming w/ Lightcloud® Blue Enabled
					/D10/LC/E2 = 0-10V Dimming w/ Lightcloud® Controller and Battery Backup
					/D10/LCB/E2 = 0-10V Dimming w/ Lightcloud® Blue Enabled and Battery Backup