



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: 17.9 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type	Constant Current
120V	0.38A
208V	0.26A
240V	0.23A
277V	0.17A
Input Watts	46.5W

LED Info

Watts	50W
Color Temp	3500K (Warm Neutral)
Color Accuracy	83 CRI
L70 Lifespan	100,000 Hours
Lumens	6,225 lm
Efficacy	133.9 lm/W

Technical Specifications

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: PCHA75BR

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:

3.48% at 120V, 5.25% at 277V

Power Factor:

99.7% at 120V, 96.6% at 277V

Minimum Starting Temperature:

0° to 40°C

Battery Backup:

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

Battery Backup Light Loss Factor:

0.23

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.

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

Green Technology:

Mercury and UV free. RoHS-compliant components.

Installation

Mounting:

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

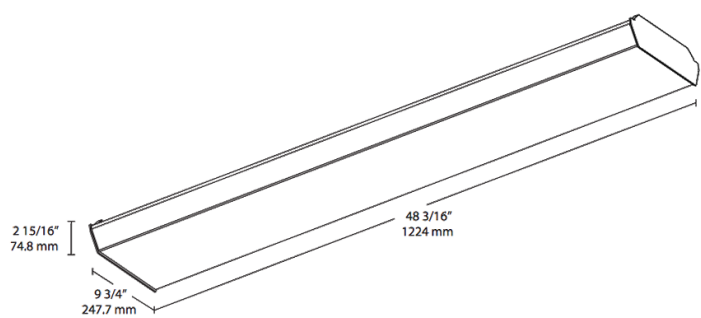
Technical Specifications (continued)

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.

Dimensions



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	YN	W	/D10	/E2
	2 = 2 ft		18 = 18W (2 ft)	Y = 3000K Warm	W = White	/D10 = 120-277V, 0-10V Dimming	Blank = No Option
	4 = 4 ft		25 = 25W (2 ft)	YN = 3500K Warm Neutral			/E2 = Battery Backup
			36 = 36W (4 ft)	N = 4000K Neutral			/LC = Lightcloud
			50 = 50W (4 ft)	Blank = 5000K Cool			/LC/E2 = Lightcloud w/Battery Backup
							/LCB = Lightcloud Blue
							/LCB/E2 = Lightcloud Blue w/Battery Backup