# GUS17-4/PIR/E

**RAB®**

Color: White          Weight: 9.8 lbs

| Project: | | Type: |
|---|---|---|
| Prepared By: | | Date: |

### Driver Info

| Type | Constant Current |
|---|---|
| 120V | 0.42A/0.34A/0.25A |
| 208V | 0.25A/0.20A/0.15A |
| 240V | 0.22A/0.17A/0.13A |
| 277V | 0.19A/0.15A/0.11A |
| Input Watts | 50/40/30W |

### LED Info

| Watts | 50/40/30W |
|---|---|
| Color Temp | 3500K/4000K/5000K |
| Color Accuracy | 82-86 CRI |
| L70 Lifespan | 50,000 Hours |
| Lumens | 3,662-5,873 lm |
| Efficacy | 115.4-128.1 lm/W |

## Technical Specifications

### Field Adjustability

**Field Adjustable:**
Field Adjustable Light Output:
50W/40W/30W (factory default 50W)
Color temperature selectable by 5000K, 4000K and 3500K (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-OZBJQS (Low-Bay Luminaires for Commercial and Industrial Buildings)
DLC Product Code: S-Y281AB (Direct Linear Ambient Luminaires)

### Electrical

**Driver:**
Constant Current, Class 2, Class P, 120-277V, 50/60 Hz
50W: 120V: 0.42A, 208V: 0.25A, 240V: 0.22A, 277V: 0.19A
40W: 120V: 0.34A, 208V: 0.2A, 240V: 0.17A, 277V: 0.15A
30W: 120V: 0.25A, 208V: 0.15A, 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:**
6.6% at 120V, 14.51% at 277V

**Power Factor:**
99.56% at 120V, 95.91% at 277V

**Surge Protection:**
L-N: 1KV
L/N-PG: 2KV

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

**Battery Backup Light Loss Factor:**
50W: 0.19
40W: 0.24
30W: 0.31

### Performance

**Lifespan:**
50,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

### Wattage Equivalency:
50W: Replaces up to (3) F32T8
40W: Replaces up to (2) F32T8
30W: Replaces up to (2) F32T8

### 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:**
Color coated steel sheets

**Lens:**
Polycarbonate lens

## Technical Specifications (continued)

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

**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. GUS17-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)

**Remote Control Accessory:**
Adjust settings using remote control (catalog# MSR1). Only available with 0-10V dimming driver options. Remote control available here.
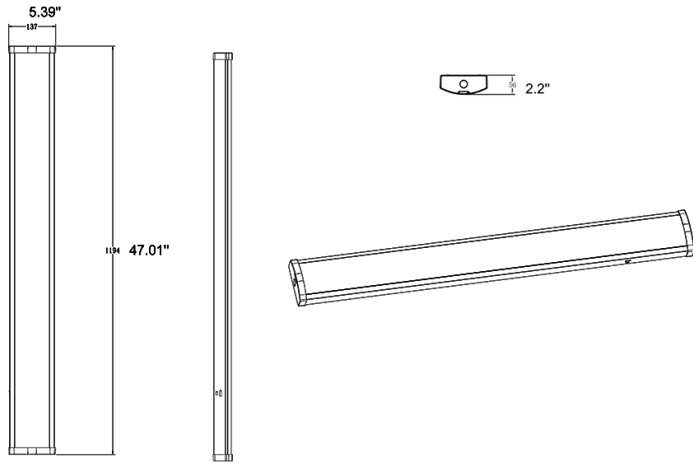
### Other

**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.

## Dimensions

5.39"
137

47.01"
1194

2.2"

## Features

50,000-Hour LED lifespan

0-10V dimming standard

DLC Listed

5-Year, limited warranty

## Ordering Matrix

| Family | Size/Wattage | Color Temp | Voltage | Finish | Options |
|--------|--------------|------------|---------|--------|---------|
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**Size/Wattage:**
**2 =** 2ft (25/20/15W)
**4 =** 4ft (50/40/30W)

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

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

**Finish:**
**Blank =** White

**Options:**
**Blank =** No Option
**/E =** Battery Backup
**/PIR =** Passive Infrared Occupancy Sensor
**/MVS =** Microwave Occupancy Sensor
**/LCBS =** Lightcloud® Blue Enabled w/ PIR Sensor
**/LCBS/MVS =** Lightcloud® Blue Enabled w/ MVS Sensor
**/PIR/E =** Passive Infrared Occupancy Sensor w/ Battery Back Up
**/MVS/E =** Microwave Occupancy Sensor w/ Battery Back Up
**/LCBS/E =** Lightcloud® Blue PIR Sensor w/ Battery Back Up
**/LCBS/MVS/E =** Lightcloud® Blue Microwave Occupancy Sensor w/ Battery Backup

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

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