



# GS

## AN EXTREMELY DURABLE, WATER-TIGHT, INDUSTRIAL LUMINAIRE



### Applications

- Panel & Enclosure lighting
- Vehicle/equipment cabins
- Indoor building lighting
- Emergency lighting
- Solar/remote lighting
- Tunnel lighting
- Outdoor, harsh/rough usage environments

### Features

- Available with 30° (narrow) or 100° (wide) beam profiles
- Designed for Hazardous Locations
- Optimized heat transfer for maximum longevity
- Easy field angle adjustment
- Lifespan up to 100,000 hours
- Available in multiple lengths and a variety of LED colours
- -40 to +60°C operating range
- IP66/67 Gore® vented enclosure
- AC and DC options

### Output

- 559 to 2289 lumens
- 5000K standard  
(Additional colours & temperatures available)

### Certifications

- Certified to UL 844, UL 1598, UL1 598A UL 2108
- CSA 22.2 No. 137, CSA 22.2 No. 250.0, CSA 22.2 No. 250.13
- Class I, Division 2, Groups ABCD
- Class II Division 2, Groups FG
- Class III
- Class I, Zone 2, Group IIC
- Zone 22

### Warranty

- Five (5) year limited warranty

Extremely durable and water-tight, the GS Series of fixtures are able to withstand the most demanding environments. The GS was designed as a hazardous location, light weight linear strip luminaire with a projected lifespan of 100,000 hours. Multiple lengths, optics and mounts make the GS a long term solution to area lighting for multiple applications.

The GS is available in a general purpose or Class 1 Div. 2 for hazardous locations. With AC and DC options, the GS can easily be wired into existing facilities or used in remote solar lighting applications.

Using industry leading manufacturing practices, our engineers and industrial designers created a fixture that transfers heat away from the LEDs to the enclosure via the metal core PCB. This optimizes the operating temperature, maximizes efficiency, and increases the longevity of the components.

The GS comes with a field adjustable end bracket or may be flush mounted to surfaces or ceilings using carriage bolts. With wide or narrow beam profiles, multiple lengths and colour options, the GS provides a long term solution for linear strip lighting applications.

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INDUSTRIAL

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 **MADE IN CANADA**



## Product Features

### MOUNTING

Fixture has two mount options:

- End brackets that allow for easy field adjustable 360° rotation
- Carriage bolts for mounting to surfaces

### POWER SUPPLIES

- Utilizes high performance LED drivers for better efficiency and up to 100,000 hours of maintenance-free operation
- 12V or 24V DC input options can run directly off of vehicle or facility low voltage DC

### HOUSING

- Extruded aluminum and copper free aluminum casting
- MIL-SPEC Hard Anodizing (Body) and super-durable powdercoat (End Caps) suitable for rugged outdoor environments
- Custom brackets available upon request
- Polycarbonate lens that is designed to withstand severe impacts

### CREE LEDs

- Proven reliability
- High efficiency
- Superior CRI
- Available in standard 5,000K and 3,500K with custom colour and dual colour options available for special order

### REFLECTOR

- High efficiency internal reflector maximizes output

### LIGHT ENGINE

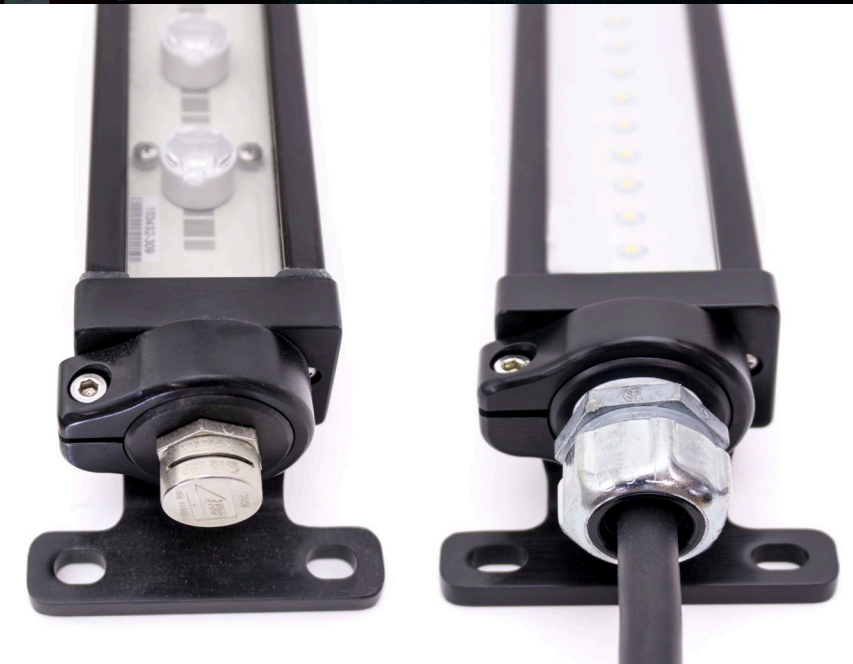
- Metal Core PCB (MCPCB)
- Modular Optics
- Linear drive circuits used in DC versions produce no flicker or high frequency electronic noise
- AC units produce light at 120Hz with no visible flicker and no high frequency switching noise

### ELECTRONICS ENCLOSURE

- Direct transfer of heat from PCB to the casing to maximize lifetime and reliability
- Suitable for wet location
- Unique case design utilizes compression for sealing and eliminates fasteners on the front face

### THERMAL MANAGEMENT

- Heat-sink designed for optimal heat dissipation





To inquire about products, discuss your needs or get a no-obligation lighting layout from our experts, please contact us.

1-877-636-2589

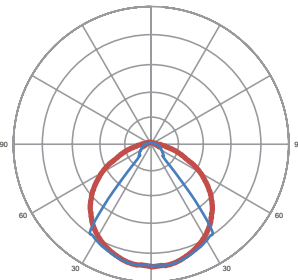
MODEL NUMBER SELECTOR

Example: GS-1-CW-W-BLK-C1D2-12VDC-A

Model	Colour	Optic	Finish	Location	Power	Mount
	-	-	-	-	-	
GS-1	C - Cool White	W - Wide 100°	BLK - Black	GN - General Location	12VDC - 11-16VDC	A - Adjustable
GS-2	W - Warm White <sup>1</sup>	N - Narrow 30° <sup>2</sup>	Custom finishes available. Please contact for details. <sup>1</sup>	C1D2 - Hazardous Location	24VDC - 21-28VDC	B - Carriage Bolt
GS-3	Additional options available. Please refer to spec sheet. <sup>1</sup>				120 - 120VAC	
GS-4						

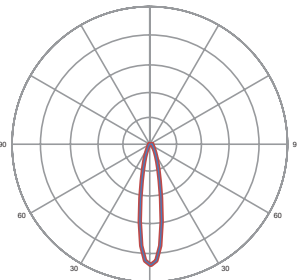
1. Minimum order quantities, additional costs and lead times may incur.  
2. Only available on DC version.

OPTIC OPTIONS



W - Wide 100°

Model	Lumens
GS-1	586
GS-2	1172
GS-3	1758
GS-4	2289

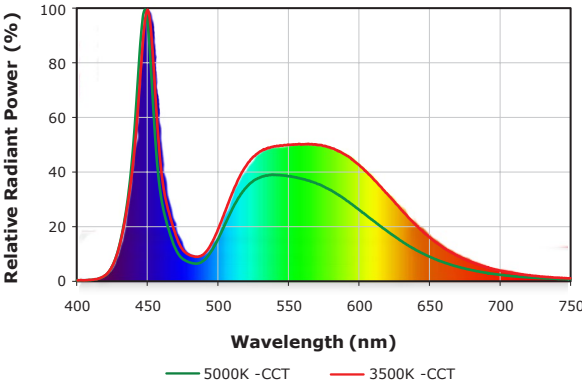


N - Narrow 30°  
(DC Only)

Model	Lumens
GS-1	559
GS-2	1118
GS-3	1677
GS-4	2236

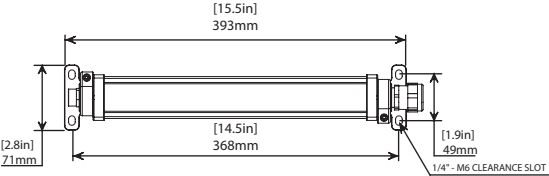
COLOUR TEMPERATURE

Available standard in 5,000K, with additional colour temperatures available from 2,700 to 6,500K.

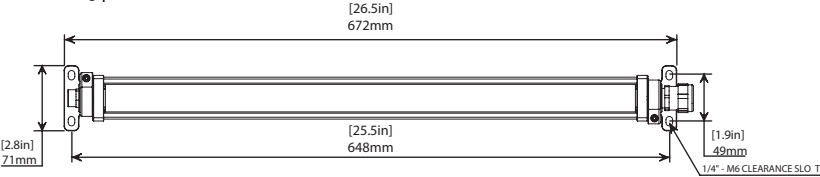


MOUNTING OPTIONS

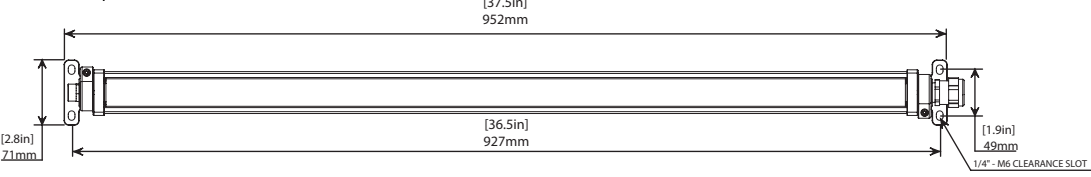
GS-1: 0.8 kg | 1.8 lbs



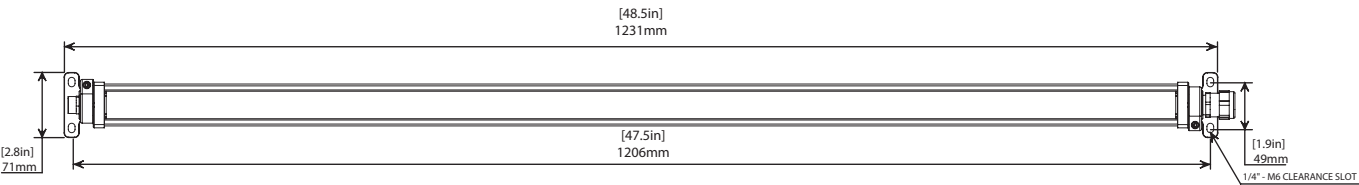
GS-2: 1.2 kg | 2.6 lbs



GS-3: 1.8 kg | 3.9 lbs



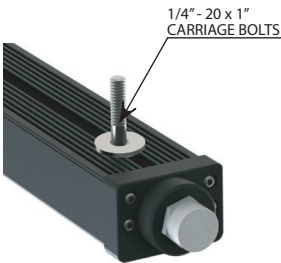
GS-4: 2.4 kg | 5.3 lbs



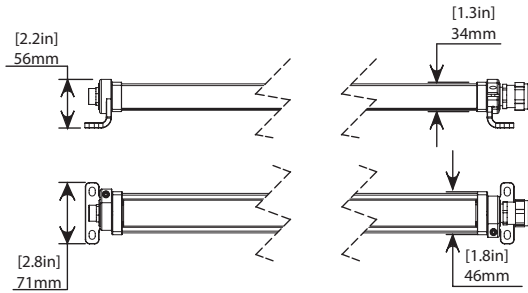
A - ADJUSTABLE MOUNTING BRACKET



B - CARRIAGE BOLT/SURFACE MOUNT



DIMENSIONS (TYP)



CUSTOM OPTIONS

WIRING

Other wire lengths available in 30cm (1 ft) increments (General location only)