



GS Series

500 – 5,000 LUMEN
LOW PROFILE LINEAR LUMINAIRE
4 LENGTHS | AC/DC



Webpage



Approved for use in general, marine, & hazardous locations.

Essentials

Input voltage options: 120VAC | 12VDC | 24VDC
Ingress protection: IP66 / IP67 / IP68*
Ambient temperature range: -40°C to +65°C

Fixture lengths**:
GS-1: 15.5" | GS-2: 26.5" | GS-3: 37.5" | GS-4: 48.5"
Fixture dimensions**:
GS-1: 1.8 lbs. | GS-2: 2.6 lbs. | GS-3: 3.9 lbs. | GS-4: 5.3 lbs.

* General & marine location only

** Excluding mounts

Certifications

GS-DC Model

- Certified for general & marine location use under: UL 1598, UL 1598A, UL 2108 | CSA C22.2 No. 250.0
- Certified for hazardous locations use under: UL 844 | CSA C22.2 No. 137
- Class I, Division 2, Groups ABCD, T4* | Class II, Division 2, Groups FG, T4* | Class III | Class I, Zone 2, Group IIC | Zone 22

GS-AC Model

- Certified for general & marine location use under: UL 1598, UL 1598A, UL 8750 | CSA C22.2 No. 250.0 & No. 250.13
- Certified for hazardous locations use under: UL 844 | CSA C22.2 No. 137
- Class I, Division 2, Groups ABCD, T4* | Class II, Division 2, Groups FG, T4* | Class III | Class I, Zone 2, Group IIC | Zone 22 | T3C*

*For simultaneous exposure rating, Class I, Division 2 & Class II, Division 2

Features

- Optimized thermal management with extruded aluminum housing.
- Type II anodized housing withstands exposure to certain chemicals.
- Factory-sealed housing provided with 3ft cable and cable gland.
- Vented enclosure to prevent stress on electronics and gaskets.
- Lightweight housing for deployment in complex project.
- Adjustable mounting bracket allows for 360° rotation.

Nemalux GS lights are compact and durable. Designed as a hazardous location strip light, the GS is a great option for enclosures. All variants are factory sealed and supplied with a 3ft flying lead. Suitable for outdoor and indoor applications. The housing provides a full cutoff preventing light from hitting the operators eyes.

 **Nemalux**TM

A Cooper Lighting Solutions business

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CERTIFIED
SAFETY US-CA
MARINE US
E477827

CERTIFIED
SAFETY US-CA
MARINE US
E477829

Warranty

- Five (5) year limited warranty



MADE IN CANADA

GS Series

Product Features

HOUSING

- Copper-free, extruded aluminum housing
- Type 2 anodized main housing, multi-layer powder-coated end caps and mounting brackets for chemical and UV resistance
- Polycarbonate lens
- IP66/67 rated
- IP68 variant*

** Rated for use in general & marine locations. Fully sealed with an optically clear encapsulant*

THERMAL MANAGEMENT

- Heat-sink designed for optimal heat dissipation



LEDs

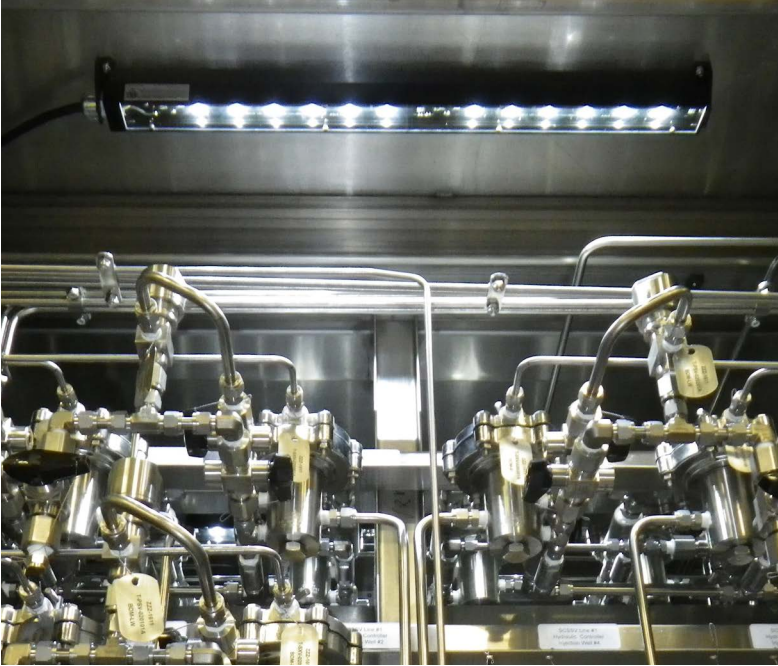
- High efficiency
- Superior CRI
- Several CCT options

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

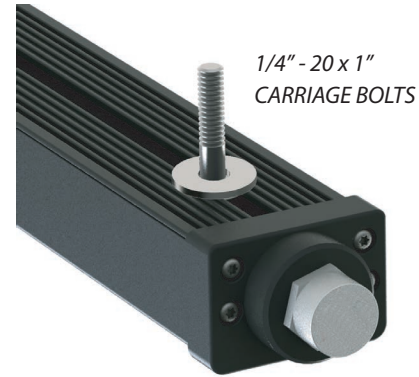
- Direct transfer of heat from PCB to the case to maximize lifetime and reliability
- Unique case design utilizes compression for sealing and eliminates fasteners on the front face



MOUNTING OPTIONS (Order Separately)



A - ADJUSTABLE MOUNTING BRACKET



B - CARRIAGE BOLT/SURFACE MOUNT

EASY FIELD 360° ANGLE
ADJUSTMENT WITH 3mm
HEX KEY

1/4" - 20 x 1"
CARRIAGE BOLTS

IP68 ENCAPSULATED VARIANT (GS-EN)



An optically clear encapsulant creates a permanent seal for IP68 applications.
Maintaining protection against the ingress of water to a depth of up to 25'.

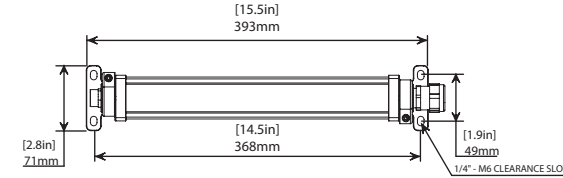
DUAL COLOUR GS SERIES FIXTURES (GSC2)



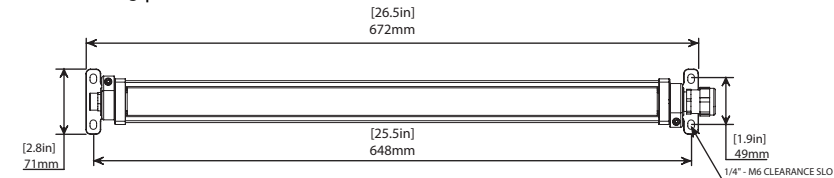
Available in the GS-2, GS-3, and GS-4 fixture lengths, these GS dual-
colour lights offer the flexibility of two different colour outputs within a
single fixture.

DIMENSIONS

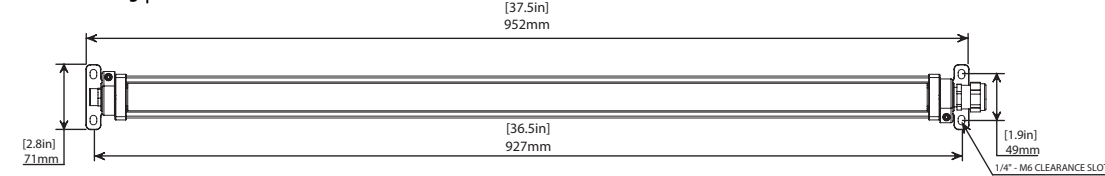
GS-1: 0.8 kg | 1.8 lbs



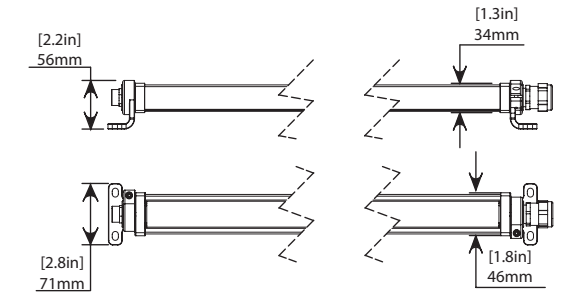
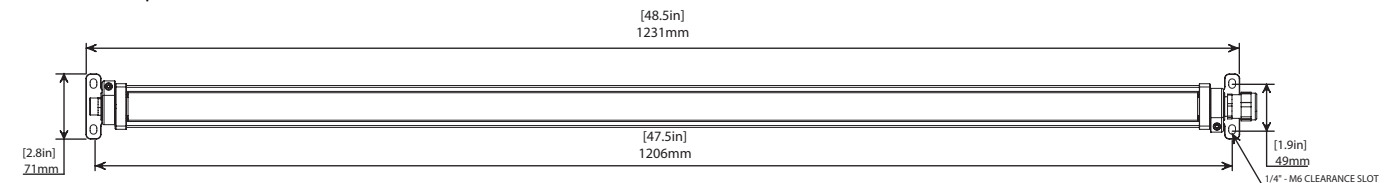
GS-2: 1.2 kg | 2.6 lbs



GS-3: 1.8 kg | 3.9 lbs



GS-4: 2.4 kg | 5.3 lbs



WEBPAGE WITH TECHNICAL DETAILS



GS Webpage

REQUEST INFORMATION



Contact us

Specification sheets & part number selector are located on the GS webpage.