

KEY FEATURES

- IP68 - Fully encapsulated and suitable for permanent submersion (up to 25ft depth)
- Double colour luminaire designed for harsh locations
- Optimized thermal management with extruded aluminum housing
- Type II anodized housing withstands exposure to certain chemicals
- Sealed housing provided with 3ft cable
- Vented enclosure to prevent stress on electronics and gaskets
- Lightweight housing for deployment in complex projects
- Adjustable mounting bracket allows for 360° rotation



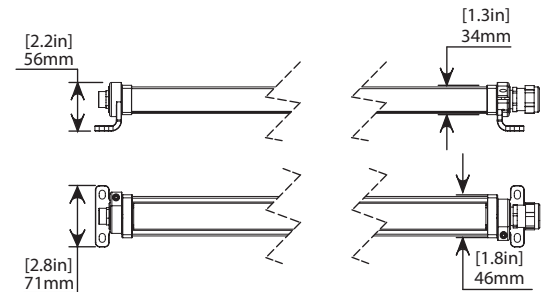
TECHNICAL SPECIFICATIONS / MAXIMUM RATINGS

HOUSING	Copper Free Aluminum and Polycarbonate Lens
MOUNTING	See Page 2 for DETAILS
VOLTAGE MAXIMUM	12: 11 - 16VDC 24: 22 - 28VDC 24H: 22 - 28VDC
INPUT VOLTAGE	12: 11-16VDC 24: 22-28VDC 24H: 22-28VDC
POWER	12 Models: GSC2-2: 16.8W GSC2-3: 25.2W GSC2-4: 33.6W 24 Models: GSC2-2: 16.8W GSC2-3: 25.2W GSC2-4: 33.6W 24H Models: GSC2-2: 33.6W GSC2-3: 47.5W GSC2-4: 64.0W
CURRENT	12 Models (@12 VDC): GSC2-2: 1.30A GSC2-3: 1.98A GSC2-4: 2.64A 24 Models (@24 VDC): GSC2-2: 0.66A GSC2-3: 0.99A GSC2-4: 1.32A 24H Models (@24 VDC): GSC2-2: 1.32A GSC2-3: 1.98A GSC2-4: 2.65A
CONNECTIONS	Unless otherwise specified, luminaire supplied with 3.3 meter (10ft) 18/3 S00W 9.3mm (0.365") diameter cord.*
TEMPERATURE RANGE	-40°C to +60°C (Case ~30°C above ambient)**
CERTIFICATIONS	Certified to UL 1598, 1598A UL 2108; CSA 22.2 No. 250.0
INGRESS PROTECTION	IP68 - Fully encapsulated and suitable for permanent submersion (up to 25ft depth)
COLOUR OPTIONS	Refer to order code chart
LUMEN MAINTENANCE	LM-80 > 100,000 hrs (Based on CREE long term testing)
WEIGHT	See Page 2 for DETAILS




*Contact us for alternative cord length, cord type, cord entry and cable gland selection.

**The ambient temperature during lifetime, lumen and chromaticity determination is 25°C ± 1°C.

DIMENSIONS



GS Series Fixture Length:

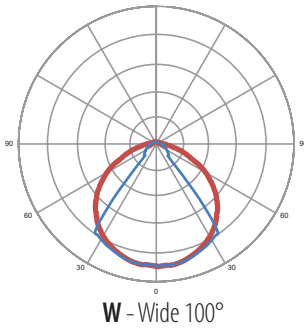
GSC2-2	672mm [26.5in]	
GSC2-3	952mm [37.5in]	
GSC2-4	1231mm [48.5in]	

WARRANTY

Five (5) year limited warranty to the original purchaser. The warranty covers defects in materials and workmanship under normal use and service.

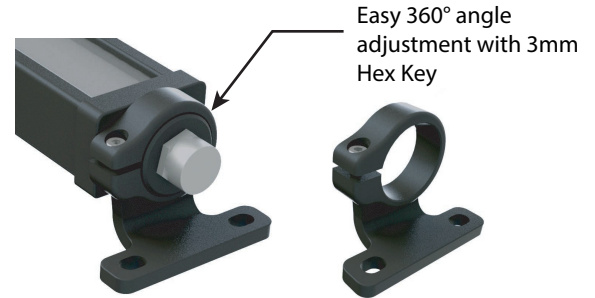
For additional information see: <https://nemalux.com/legal>

OPTIC OPTIONS



MOUNTING OPTIONS

A - ADJUSTABLE MOUNTING BRACKET

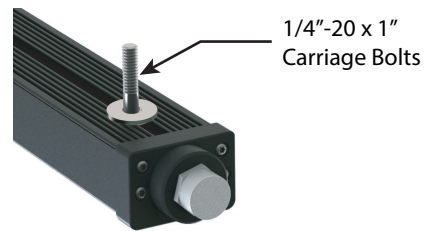


WIRING DIAGRAM



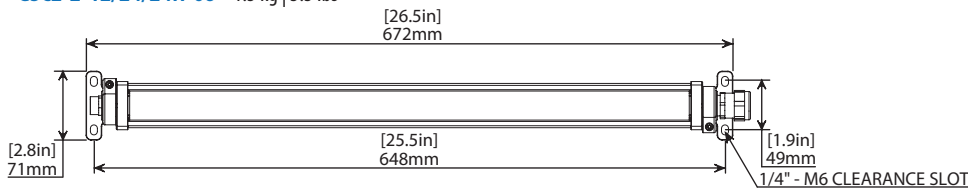
RED (Colour 2 +)
 WHITE (Colour 1 +)
 BLACK (Negative -)
 GREEN (Chassis)

B- CARRIAGE BOLT/SURFACE MOUNT

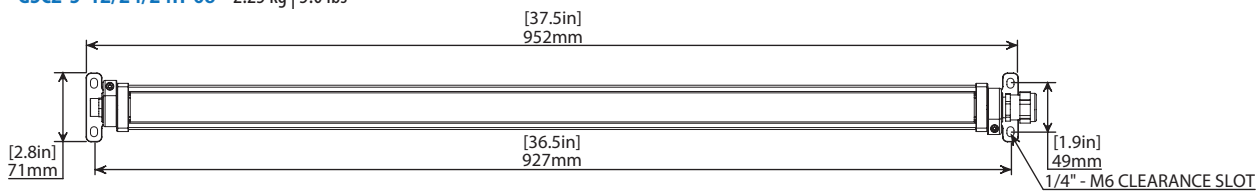


MOUNTING DIMENSIONS

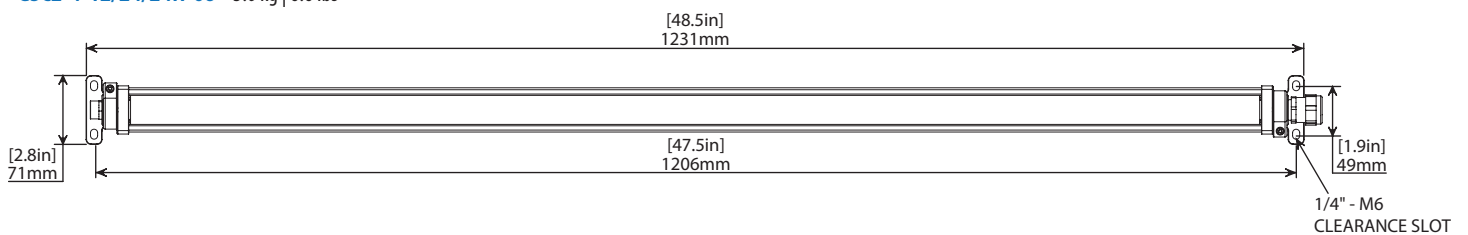
GSC2-2-12/24/24H-68 1.5 kg | 3.3 lbs



GSC2-3-12/24/24H-68 2.25 kg | 5.0 lbs



GSC2-4-12/24/24H-68 3.0 kg | 6.6 lbs



ORDERING INFORMATION

PROJECT NAME		TYPE
PROJECT LOCATION		
COMMENT		DATE
PREPARED BY		

MODEL SELECTOR

Sample Number: GSC2-2-CR-W-BLK-0-24-68-A

MODEL	COLOUR	OPTIC	FINISH	LOCATION	VOLTAGE	INGRESS	MOUNT
-	-	-	-	-	-	-	-
GSC2-2	C - 5000K	W - Wide Beam (No Optics)	BLK - Black Custom finishes are available. Please contact for details. ¹	0 - Ordinary Location	12 - 12-16VDC 24 - 21-28VDC 24H - 21-28VDC	68 - IP68	A - Adjustable B - Carriage Bolt
GSC2-3	W - 3500K						
GSC2-4	R - Red						
	G - Green B - Blue A - Amber Y - Cyan						
	Contact for additional options*						
	Each 1ft segment has a letter code indicating colour, first letter is closest to input power. Up to 2 colours may be used per unit. i.e. a GSC2-2 with white red would be CR or RC, a GSC@-4 with white red can be supplied as CRRC, CCRR, RRCC, CRRC, RCCR as needed						

CUSTOM OPTIONS

WIRING

Other wire lengths available in 30 cm (1 ft) increments.¹

NOTES:

1. Minimum order quantities, additional costs and lead times may apply.
2. IDA fixture seal of approval only applies to fixtures with a CCT of 3000K or less, and have fixed mounts aiming the fixture perpendicular to the ground.