

### KEY FEATURES

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

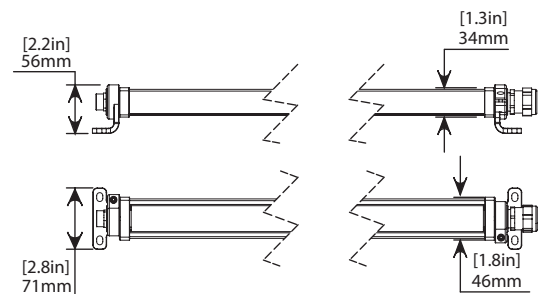


### TECHNICAL SPECIFICATIONS / MAXIMUM RATINGS




HOUSING	Copper Free Aluminum and Polycarbonate Lens		
MOUNTING	SEE PAGE 2 FOR DETAILS		
VOLTAGE MAXIMUM	12: 16VDC   24: 28VDC   24H: 28VDC		
INPUT VOLTAGE	12: 11-16VDC   24: 22-28VDC   24H: 22-28VDC		
POWER	12 Models: GSC2-2: 16.8W 24 Models: GSC2-2: 16.8W 24H Models: GSC2-2: 33.6W	GSC2-3: 25.2W GSC2-3: 25.2W GSC2-3: 47.5W	GSC2-4: 33.6W GSC2-4: 33.6W GSC2-4: 64.0W
CURRENT	12 Models (@12 VDC): GSC2-2: 1.30A 24 Models (@24 VDC): GSC2-2: 0.66A 24H Models (@24 VDC): GSC2-2: 1.32A	GSC2-3: 1.98A GSC2-3: 0.99A GSC2-3: 1.98A	GSC2-4: 2.64A GSC2-4: 1.32A GSC2-4: 2.65A
CONNECTIONS	0.9m (3ft) Flying Lead		
TEMPERATURE RANGE	-40°C to +60°C (Case ~30°C above ambient)		
CERTIFICATIONS	Certified to UL 844, UL 1598, UL 1598A, UL 2108; CSA 22.2 No. 137, CSA 22.2 No. 250.0; Class I, Division 2, Groups ABCD, T4**; Class II, Division 2, Groups FG, T6**; Class III;		
INGRESS PROTECTION	IP66/67 Suitable for wet locations. Marine Outside type (Salt water).		
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		

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

### DIMENSIONS



#### GS Series Fixture Length:

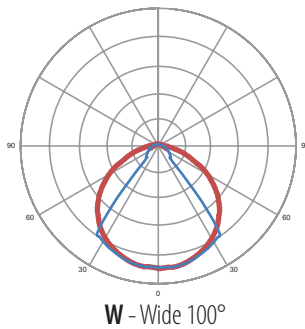
GSC2-2	672mm [26.5in]	
GSC2-3	952mm [37.5in]	
GSC2-4	1231mm [48.5in]	

### 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



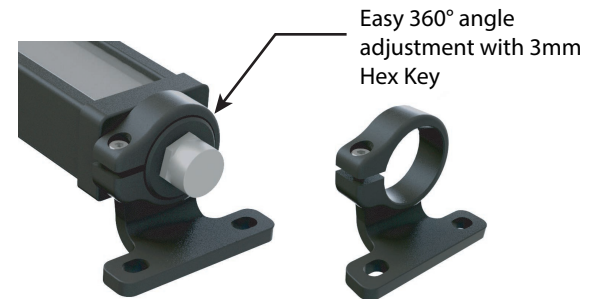
### WIRING DIAGRAM



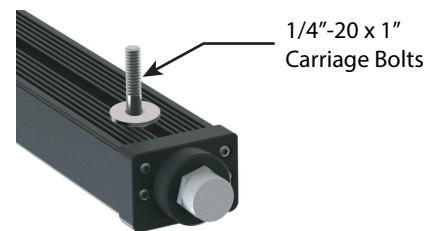
RED (Colour 2 +)  
 WHITE (Colour 1 +)  
 BLACK (Negative -)  
 GREEN (Chassis)

### MOUNTING OPTIONS

#### A - ADJUSTABLE MOUNTING BRACKET

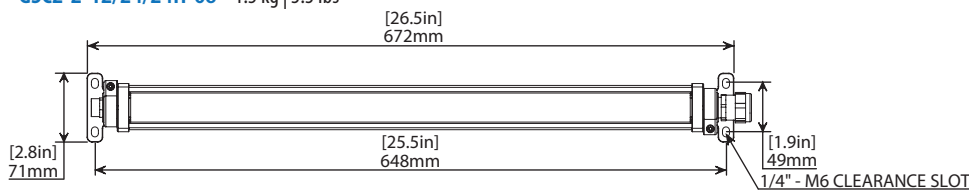


#### B- CARRIAGE BOLT/SURFACE MOUNT

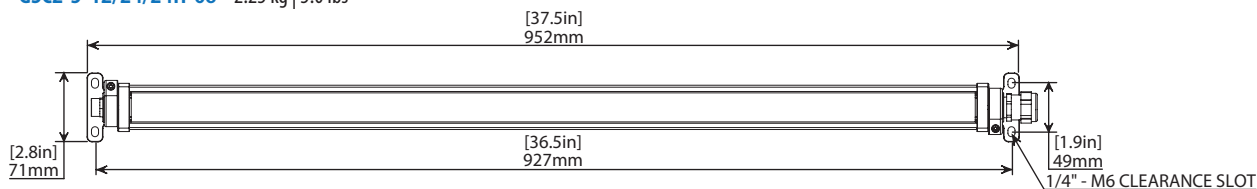


### MOUNTING DIMENSIONS

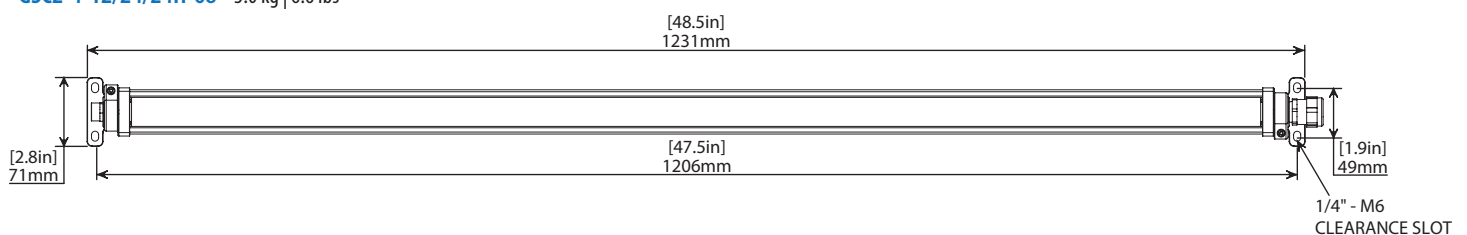
**GSC2-2-12/24/24H-68** 1.5 kg | 3.3 lbs



**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-H-24-66-A

MODEL	COLOUR	OPTIC	FINISH	LOCATION	VOLTAGE	INGRESS	MOUNT
-	-	-	BLK -	H -	-	66 -	-
GSC2-2 GSC2-3 GSC2-4	C - 5000K W - 3500K R - Red G - Green B - Blue A - Amber Y - Cyan  *contact for additional options  Each 1ft segment has a letter code indicating color, first letter is closest to input power. Up to 2 colors may be used per unit. i.e a A GSC2-2 with white red would be CR or RC, a GSC2-4 with white red can be supplied as CRRC, CCRR, RRCC, CRRC, RCCR as needed.	W - Wide Beam (No Optics) N - Narrow, 30°	BLK - Black  Custom finishes are available. Please contact for details. <sup>1</sup>	H - Hazardous Location	12 - 12-16VDC 24 - 21-28VDC 24H - 21-28VDC	66 - IP66	A - Adjustable B - Carriage Bolt

### 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.