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

SAFETY US·CA
MARINE US
E477827

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 SOOW 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.*
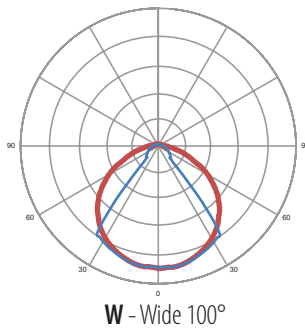
DIMENSIONS

[2.2in]
56mm

[1.3in]
34mm

[2.8in]
71mm

[1.8in]
46mm
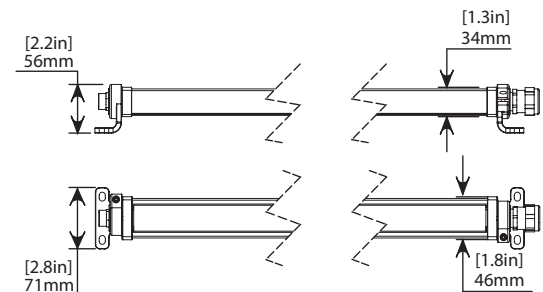
GS Series Fixture Length:

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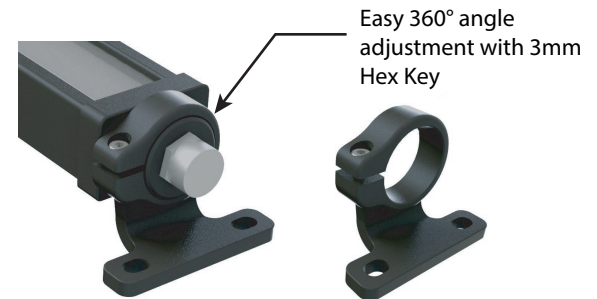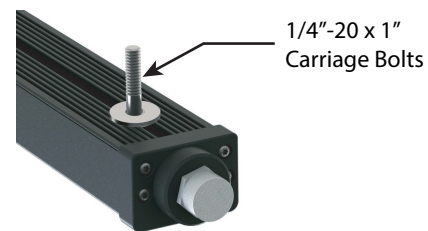
For additional information see: https://nemalux.com/legal

COOPER
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OPTIC OPTIONS

W – Wide 100°

MOUNTING OPTIONS

A - ADJUSTABLE MOUNTING BRACKET

Easy 360° angle adjustment with 3mm Hex Key

B- CARRIAGE BOLT/SURFACE MOUNT

1/4"-20 x 1" Carriage Bolts

WIRING DIAGRAM

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

MOUNTING DIMENSIONS

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

[26.5in] 672mm
[25.5in] 648mm
[2.8in] 71mm
[1.9in] 49mm
1/4" - M6 CLEARANCE SLOT
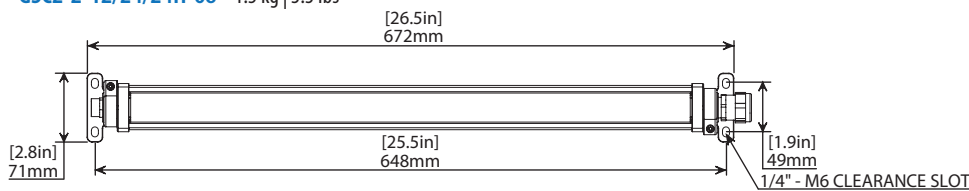
GSC2-3-12/24/24H-68   2.25 kg | 5.0 lbs

[37.5in] 952mm
[36.5in] 927mm
[2.8in] 71mm
[1.9in] 49mm
1/4" - M6 CLEARANCE SLOT
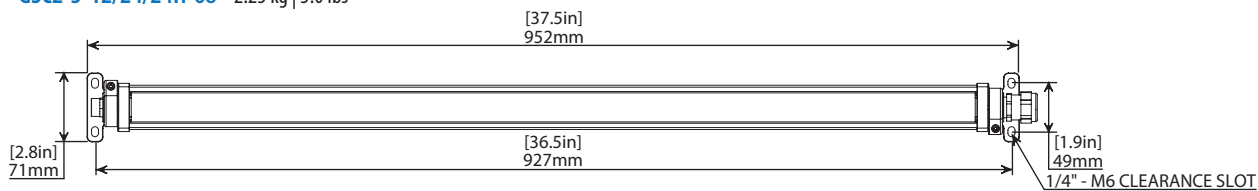
GSC2-4-12/24/24H-68   3.0 kg | 6.6 lbs

[48.5in] 1231mm
[47.5in] 1206mm
[2.8in] 71mm
[1.9in] 49mm
1/4" - M6 CLEARANCE SLOT

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SUBJECT TO CHANGE WITHOUT NOTICE   MADE IN CANADA

2-3
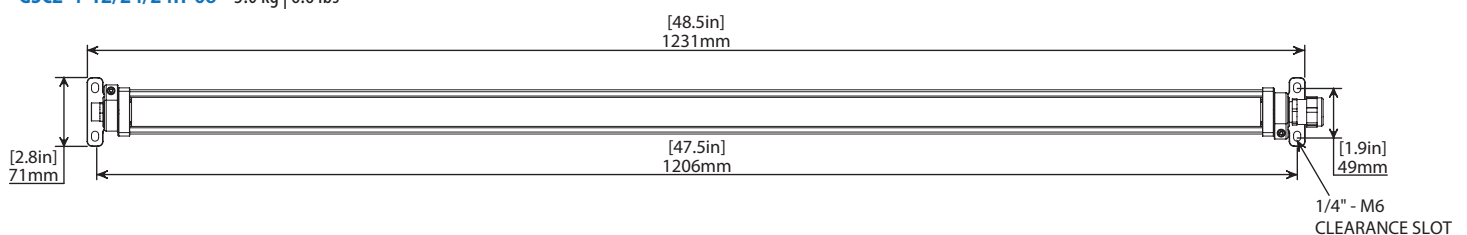
ORDERING INFORMATION

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 **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 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 CRCR, CCRR, RRCC, CRRC, RCCR as needed	**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

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.