

KEY FEATURES

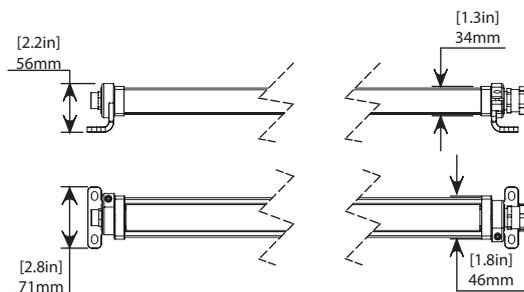
- Designed for marine, harsh, and hazardous location use
- Optimized thermal management with extruded aluminum housing
- Type II anodized housing withstands exposure to certain chemicals
- Factory-sealed housing provided with 3ft cable and cable gland
- Vented enclosure to prevent stress on electronics and gaskets
- Lightweight housing for deployment in complex 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: 16VDC 24: 28VDC 24H: 28VDC															
INPUT VOLTAGE	12: 11-16VDC 24: 22-28VDC 24H: 22-28VDC															
POWER (TYP)	<table border="1"> <tr> <td>12 Models:</td> <td>GS-1: 8.4W</td> <td>GS-2: 16.8W</td> <td>GS-3: 25.2W</td> <td>GS-4: 33.6W</td> </tr> <tr> <td>24 Models:</td> <td>GS-1: 8.4W</td> <td>GS-2: 16.8W</td> <td>GS-3: 25.2W</td> <td>GS-4: 33.6W</td> </tr> <tr> <td>24H Models:</td> <td>GS-1: 16.8W</td> <td>GS-2: 33.6W</td> <td>GS-3: 47.5W</td> <td>GS-4: 64.0W</td> </tr> </table>	12 Models:	GS-1: 8.4W	GS-2: 16.8W	GS-3: 25.2W	GS-4: 33.6W	24 Models:	GS-1: 8.4W	GS-2: 16.8W	GS-3: 25.2W	GS-4: 33.6W	24H Models:	GS-1: 16.8W	GS-2: 33.6W	GS-3: 47.5W	GS-4: 64.0W
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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; Class I, Zone 2, Group IIC; Zone 22															
INGRESS PROTECTION	IP66/67 Suitable for wet locations. Marine Outside type (Salt water).															
COLOUR TEMP RANGE	50: 5000K Special Order: 2700-6500K															
CRI VALUE (MIN)	50: 70															
TOTAL LUMENS	See Page 2 for DETAILS															
LUMEN MAINTENANCE	LM-80 > 100,000 hrs (Based on CREE long term testing)															
WEIGHT	See Page 2 for DETAILS															

DIMENSIONS



GS Series Fixture Length:

GS-1	393mm [15.5in]	
GS-2	672mm [26.5in]	
GS-3	952mm [37.5in]	
GS-4	1231mm [48.5in]	

WARRANTY

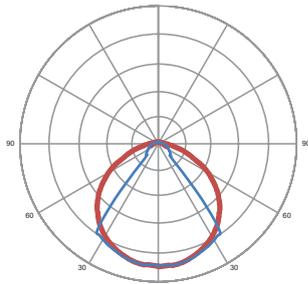
Five (5) year limited warranty to the original purchaser. The warranty covers defects in materials and workmanship under normal use and service.

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

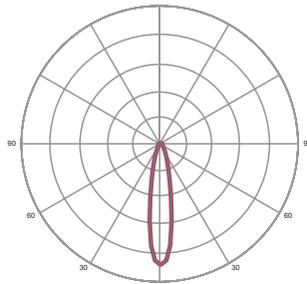
* The ambient temperature during lifetime, lumen and chromaticity determination is 25°C ± 1°C.

** T3C for simultaneous exposure rating, Class I Div. 2 & Class II, Div. 2.

OPTIC OPTIONS



W - Wide 100°



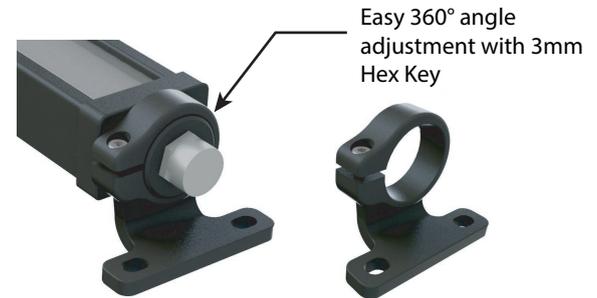
N - Narrow 30°

Model	Lumens	
	12/24	24H
GS-1	578	1127
GS-2	1172	2285
GS-3	1758	3428
GS-4	2351	4584

Model	Lumens	
	12/24	24H
GS-1	657	1281
GS-2	1310	2555
GS-3	1971	3843
GS-4	2628	5125

MOUNTING OPTIONS

A - ADJUSTABLE MOUNTING BRACKET

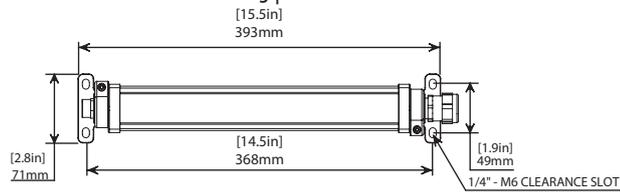


B - CARRIAGE BOLT/SURFACE MOUNT

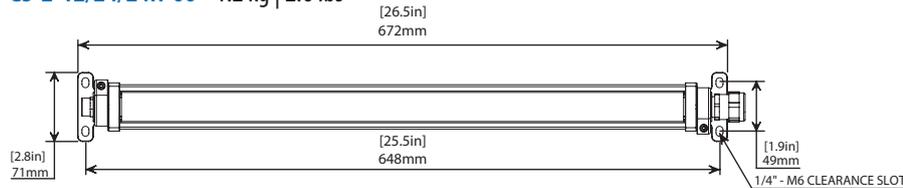


MOUNTING DIMENSIONS

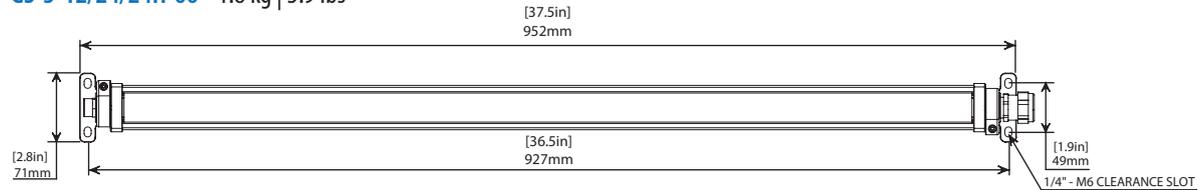
GS-1-12/24/24H-66 0.8 kg | 1.8 lbs



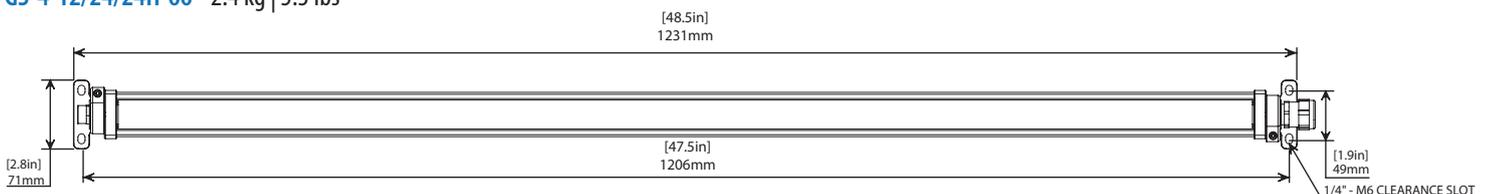
GS-2-12/24/24H-66 1.2 kg | 2.6 lbs



GS-3-12/24/24H-66 1.8 kg | 3.9 lbs



GS-4-12/24/24H-66 2.4 kg | 5.3 lbs



ORDERING INFORMATION

PROJECT NAME		TYPE
PROJECT LOCATION		
COMMENT		DATE
PREPARED BY		

MODEL SELECTOR

Sample Number: GS-1-50-W-BLK-H-24-66-A

MODEL	COLOUR	OPTIC	FINISH	LOCATION	VOLTAGE	INGRESS	MOUNT
-	-	-	BLK -	H -	-	66 -	-
GS-1 GS-2 GS-3 GS-4	50 - 5000K Custom: 30 - 3000K ^{1,2} 35 - 3500K ¹ 40 - 4000K ¹ 45 - 4500K ¹ 55 - 5500K ¹ 65 - 6500K ¹ R - Red ¹ G - Green ¹ B - Blue ¹ A - Amber ¹	W - Wide Beam (No Optics) N - Narrow Beam, 30°	BLK - Black Custom finishes available. Please contact for details. ¹	H - Hazardous Locations	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.