

KEY FEATURES

- IP68 - Fully encapsulated and suitable for permanent submersion (up to 25ft depth)
- Designed for marine and industrial applications
- 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



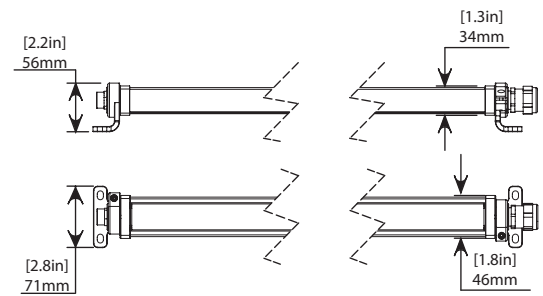
TECHNICAL SPECIFICATIONS / MAXIMUM RATINGS

HOUSING	Copper Free Aluminum and Polycarbonate Lens			
MOUNTING	See Page 2 for DETAILS			
INPUT VOLTAGE	12: 11-16VDC 24: 22-28VDC 24H: 22-28VDC			
POWER (TYP)	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
CURRENT (TYP)	12 Models (@12 VDC): GS-1: 0.66A GS-2: 1.30A GS-3: 1.98A GS-4: 2.64A			
	24 Models (@24 VDC): GS-1: 0.33A GS-2: 0.66A GS-3: 0.99A GS-4: 1.32A			
	24H Models (@24 VDC): GS-1: 0.66A GS-2: 1.32A GS-3: 1.98A GS-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 2108; CSA 22.2 No. 250.0			
INGRESS PROTECTION	IP68 - Fully encapsulated and suitable for permanent submersion (up to 25ft depth)			
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 > 60,500 hrs			
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:

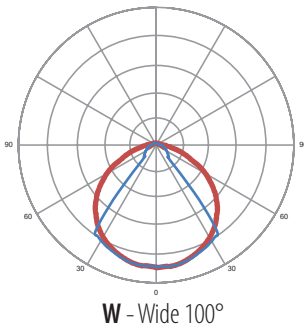


WARRANTY

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>

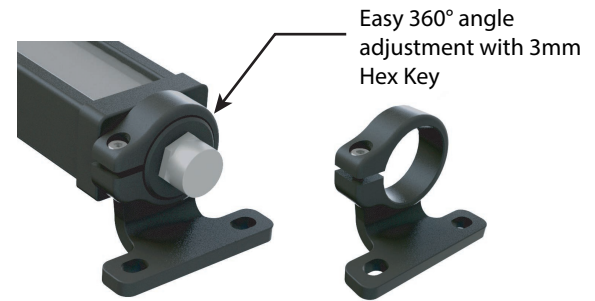
OPTIC OPTIONS



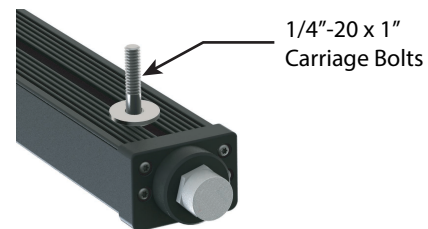
Model	Lumens	
	12/24	24H
GS-1	460	900
GS-2	935	1825
GS-3	1400	2740
GS-4	1880	3665

MOUNTING OPTIONS

A - ADJUSTABLE MOUNTING BRACKET

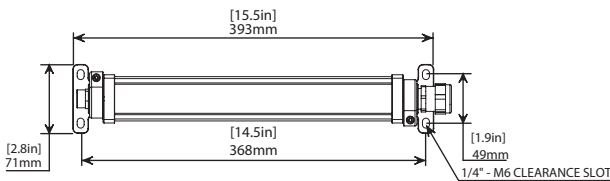


B - CARRIAGE BOLT/SURFACE MOUNT

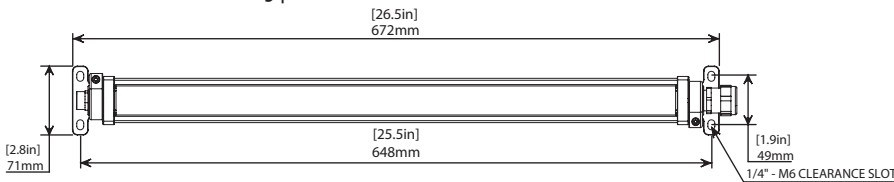


MOUNTING DIMENSIONS

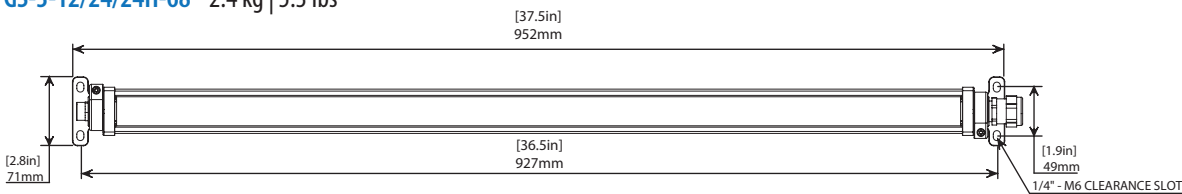
GS-1-12/24/24H-68 1.1 kg | 2.4 lbs



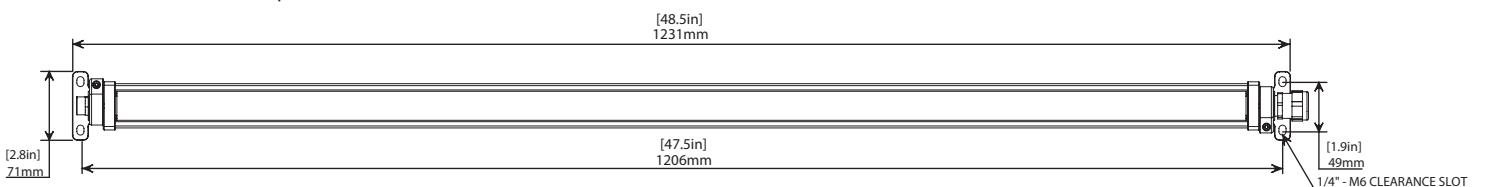
GS-2-12/24/24H-68 1.65 kg | 3.6 lbs



GS-3-12/24/24H-68 2.4 kg | 5.3 lbs



GS-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: GS-1-50-W-BLK-0-24-68-A

MODEL	COLOUR	OPTIC	FINISH	LOCATION	VOLTAGE	INGRESS	MOUNT
-	-	-	-	-	-	-	-
GS-1	50 - 5000K	W - Wide Beam (No Optics)	BLK - Black	0 - Ordinary Location	12 - 12-16VDC	68 - IP68	A - Adjustable
GS-2	Custom:		Custom finishes available. Please contact for		24 - 21-28VDC		B - Carriage Bolt
GS-3	30 - 3000K ^{1,2}				24H - 21-28VDC		
GS-4	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						

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.