

KEY FEATURES

- Available with 30° (narrow) or 100° (wide) profiles
- Designed for Hazardous Locations
- Optimized heat transfer for maximum life
- Easy field angle adjustment
- Lifespan up to 100,000 hours
- Available in multiple lengths and a variety of colours
- Linear drive circuit with no flicker or high frequency electronic noise and are suitable for machine vision applications
- IP66/67 Gore® vented enclosure
- IP68 rated light engine for use up to 3.5 depth



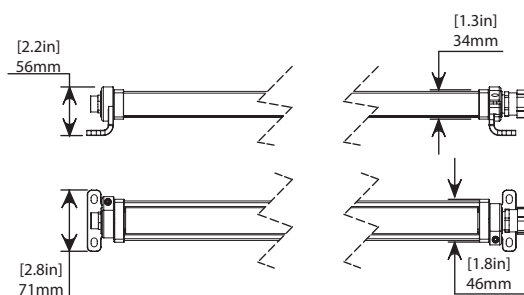
TECHNICAL SPECIFICATIONS / MAXIMUM RATINGS

HOUSING	Powder Coated & Anodized Aluminum w/ Encapsulated light engine
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 (@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
CURRENT	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
CONNECTIONS	0.9m (3ft) Flying Lead (Custom Lengths Available)
TEMPERATURE RANGE	-40°C* to +60°C
CERTIFICATIONS	Special inspected as per Canadian Electrical Code to CSA SPE-1000 standards
INGRESS PROTECTION	IP68 (In-house tested and rated)
COLOUR TEMP RANGE	C: 5000K W: 3500K Custom: 2700-6500K
CRI VALUE (MIN)	C: 70 W: 80
TOTAL LUMENS	12/24: GS-1: C-W: 578 GS-2: C-W: 1172 GS-3: C-W: 1758 GS-4: C-W: 2351 24H: GS-1: C-W: 1127 GS-2: C-W: 2285 GS-3: C-W: 3428 GS-4: C-W: 4584
LUMEN MAINTENANCE	LM-80 > 100,000 hrs (Based on CREE long term testing)
WEIGHT	SEE PAGE 2 FOR DETAILS

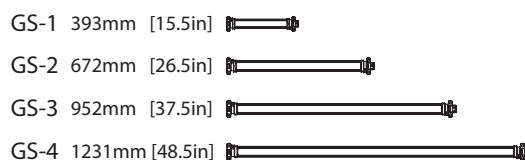
* GS not to be frozen underwater

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

DIMENSIONS



GS Series Fixture Length:



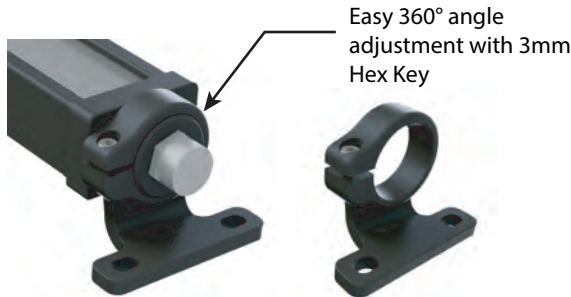
WARRANTY

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/education/company-policies/#warranty>

MOUNTING OPTIONS

A - ADJUSTABLE MOUNTING BRACKET

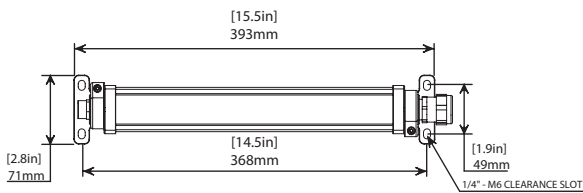


B- CARRIAGE BOLT/SURFACE MOUNT

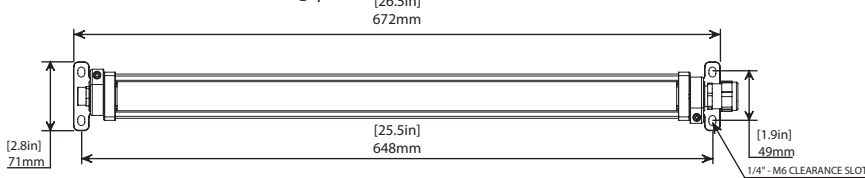


MOUNTING DIMENSIONS

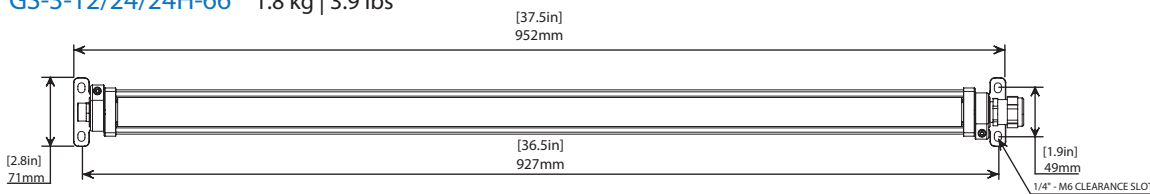
GS-1-12/24/24H-66 0.8 kg | 1.8 lbs



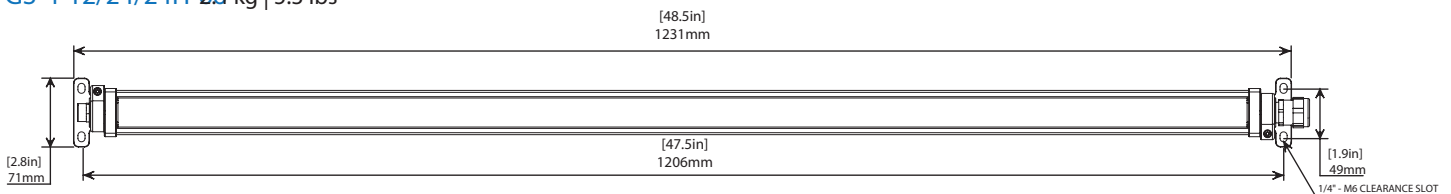
GS-2-12/24/24H-66 1.2 kg | 2.6 lbs



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		TYPE
NAME		
PROJECT		DATE
LOCATION		

MODEL SELECTOR

Sample Number: GS-1-30-W-BLK-O-12-66-A

MODEL	COLOUR	OPTIC	FINISH	LOCATION	VOLTAGE	INGRESS	MOUNT
-	-	-	BLK	O	-	66	-
GS-1	30 - 3000K	W- Wide Beam (No Op	BLK - Black	O- Ordinary Locat	12- 12VDC	SUB- IP68	A- Adjustable
GS-2	50 - 5000K				24 - 24VDC		B- Carriage Bolt
GS-3			Custom finishes available.		24H- 24VDC		
GS-4	Custom: W - 3500K 40- 4000K 45- 4500K 45- 4500K 55- 5500K 65- 6500K R - Red G - Green B - Blue A - Amber		Please contact for details.				

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.