

## KEY FEATURES

- 100° (wide) symmetric optics
- Custom configuration with three Cool White boards and one Red LED board (Layout: CW-CW-RED-CW)
- Thermally managed for maximum longevity
- Adjustable mounting bracket
- Lifespan up to 100 000 hours

Nemalux introduces the GSLEDIP two-in-one, LED lighting system for industrial and low light applications. By incorporating CREE brand LEDs into a single, low profile fixture, we at Nemalux have developed a lighting solution that can switch from bright white to subtle red light for nighttime visibility. Our linear lighting systems have been successfully implemented in a wide range of applications including general lighting for operator cabins, emergency lighting systems, service trucks and panel/indicator lights.

Powered with 12 or 24

Volt DC, this system can be simply integrated into existing designs.

Available in two, three or four foot lengths, the GS series can be ordered with Class 1, Division 2 Hazardous or General Location approvals.

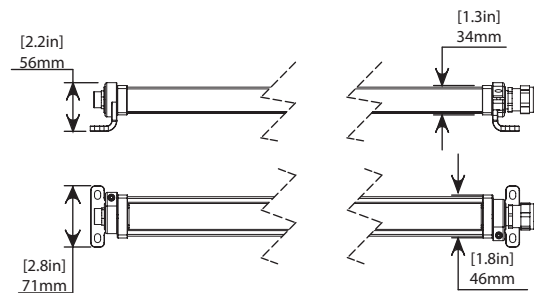


## TECHNICAL SPECIFICATIONS / MAXIMUM RATINGS





<b>HOUSING</b>	Powder Coated & Anodized Aluminum
<b>MOUNTING</b>	SEE PAGE 2 FOR DETAILS
<b>INPUT VOLTAGE</b>	120VAC ± 10% (60Hz)
<b>POWER (TYP)</b>	<b>GS-1:</b> 10W   <b>GS-2:</b> 20W   <b>GS-3:</b> 31W   <b>GS-4:</b> 41W
<b>CURRENT (TYP)</b>	<b>GS-1:</b> 0.09A @ 120VAC   <b>GS-2:</b> 0.17 @ 120VAC <b>GS-3:</b> 0.26A @ 120VAC   <b>GS-4:</b> 0.34 @ 120VAC
<b>CONNECTIONS</b>	0.9m (3ft) Flying Lead (Custom Lengths Available)
<b>TEMPERATURE RANGE</b>	-40°C to +65°C (Case ~30°C above ambient)
<b>CERTIFICATIONS</b>	Certified to UL 1598 & UL 1598A, UL 8750; CSA 22.2 No. 250.0, CSA 22.2 No. 250.13
<b>INGRESS PROTECTION</b>	IP66/67 Suitable for wet locations. Marine Outside type (Salt water).
<b>COLOUR TEMP RANGE</b>	<b>CW:</b> 6500K   <b>NW:</b> 4300K   <b>WW:</b> 3500K
<b>CRI VALUE (MIN)</b>	<b>CW:</b> 75   <b>NW:</b> 75   <b>WW:</b> 80
<b>TOTAL LUMENS</b>	<b>GS-1:</b> 582   <b>GS-2:</b> 1292   <b>GS-3:</b> 2003   <b>GS-4:</b> 2714
<b>LUMEN MAINTENANCE</b>	LM-80 > 60,500 hrs
<b>WEIGHT</b>	SEE PAGE 2 FOR DETAILS

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

## 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:

<http://www.nemalux.com/company/warranty-policy/>

**MOUNTING OPTIONS**

**A - ADJUSTABLE MOUNTING BRACKET**



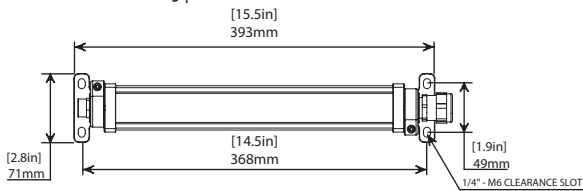
**B- CARRIAGE BOLT/SURFACE MOUNT**



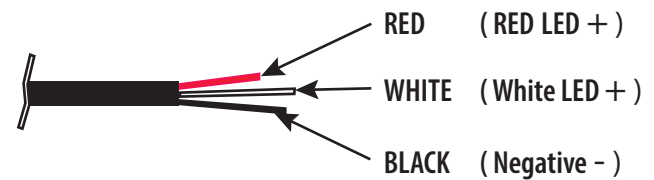
<http://www.mcw.com/>

**MOUNTING DIMENSIONS**

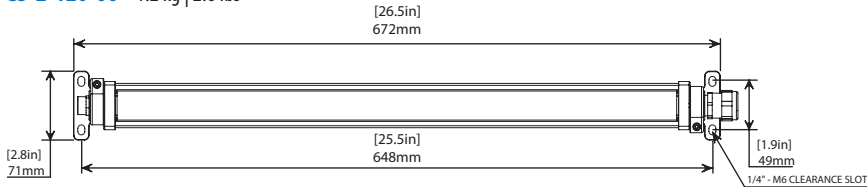
**GS-1-120-66** 0.8 kg | 1.8 lbs



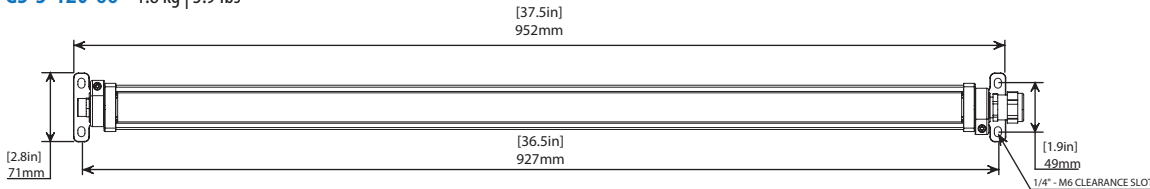
**WIRING DIAGRAM**



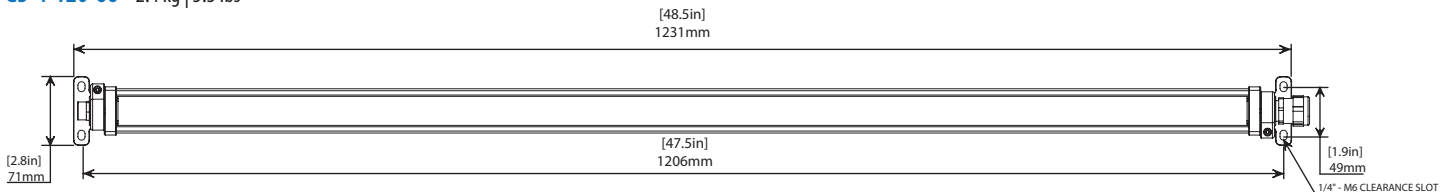
**GS-2-120-66** 1.2 kg | 2.6 lbs



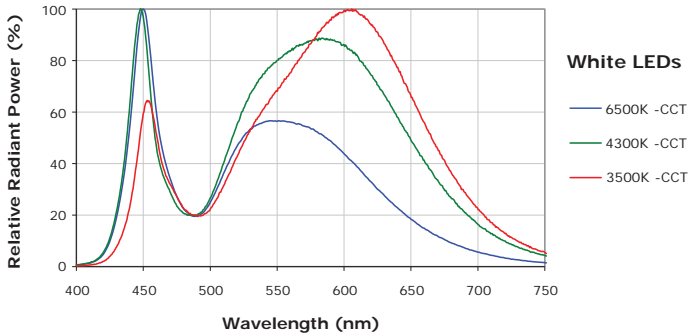
**GS-3-120-66** 1.8 kg | 3.9 lbs



**GS-4-120-66** 2.4 kg | 5.3 lbs



### PHOTOMETRICS



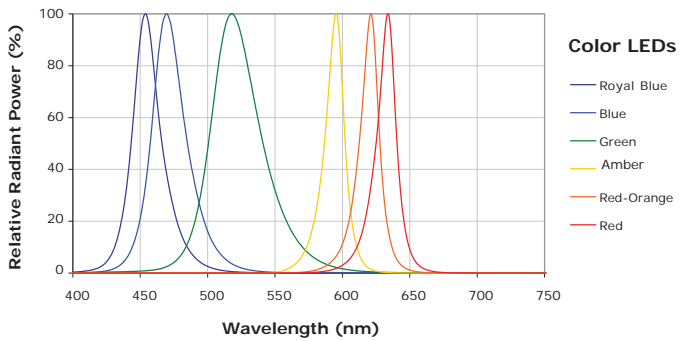
**NARROW BEAM**



**FROSTED LENS**



(Shown in White Option)



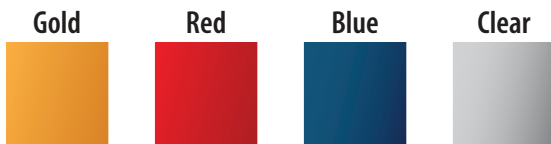
**WIDE BEAM**



### CUSTOM OPTIONS

#### CUSTOM FINISHES

##### Anodized Aluminum



Please contact for further options

##### Powder Coated Aluminum



Please contact for further options

**ORDERING INFORMATION**

PROJECT NAME		TYPE
PROJECT LOCATION		
COMMENT		DATE
PREPARED BY		

**MODEL SELECTOR**
**BLK**

Sample Number: 2ft Red Green GS = GS-C2-2-RG-W-BLK-H-24-66-A

MODEL	COLOR	LENGTH	LED COLOR	LENS	ENCLOSURE	LOCATION	VOLTAGE	INGRESS	MOUNT
-	-	-	XXXX	-	XXX	-	-	66	-
<b>GS</b>	<b>Blank</b> - Single Color <b>C2</b> - Multi- Color	<b>1</b> <b>2</b> <b>3</b> <b>4</b> ft lengths	<b>C</b> - 5000K <b>W</b> - 3500K <b>R</b> - Red <b>G</b> - Green <b>B</b> - Blue <b>A</b> - Amber  XXXX – Any one to four alphanumeric characters.	<b>N</b> - Narrow <b>W</b> - Wide <b>NF</b> - Narrow Frosted <b>WR</b> - Wide Frosted  Internal Lens/ Reflector Type	<b>BLK</b>  Where XXX is three alphanumeric characters	<b>H</b> - Hazardous Location (for all luminaires)	<b>12</b> - 10-16 Volts DC <b>24</b> - 22-28 Volts DC <b>24H</b> - 22-28 Volts DC Double Power <b>120</b> - 120 Volts DC	<b>66</b> - IP66 and/or IP67 Gasket Enclosure	<b>A</b> - Adjustable <b>B</b> - Carriage Bolt

**CUSTOM OPTIONS**
**WIRING**

 Other wire lengths available in 30 cm (1 ft) increments.<sup>1</sup>
**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.