

INTRODUCTION

Installing light fixtures at an industrial worksite can present a set of unique challenges that can add substantial delays and costs to an existing budget. Cooperation with a manufacturer that offers additional kitting services can mitigate these risks and help with the delivery of a successful project.

KEY FEATURES

- Designed for Hazardous Locations
- Optimized heat transfer for maximum longevity
- Easy field angle adjustment
- Lifespan up to 60,500 hours
- Available in multiple lengths and a variety of LED colour temperatures
- IP66/67 Gore® vented enclosure
- Compatible with most ELV dimmers



TECHNICAL SPECIFICATIONS / MAXIMUM RATINGS

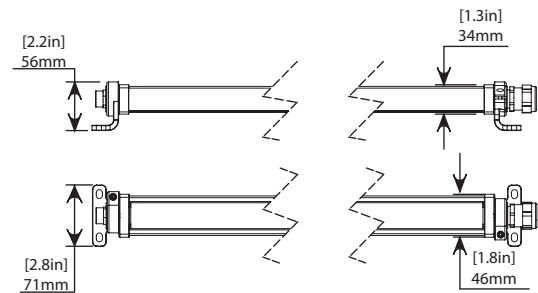
HOUSING	Powder Coated & Anodized Aluminum
MOUNTING	SEE PAGE 2 FOR DETAILS
INPUT VOLTAGE	120VAC ± 10% (60Hz)
POWER (TYP)	GS-1: 10W GS-2: 20W GS-3: 31W GS-4: 41W
CURRENT (TYP)	GS-1: 0.09A @ 120VAC GS-2: 0.17 @ 120VAC GS-3: 0.23A @ 120VAC GS-4: 0.34 @ 120VAC
CONNECTIONS	Fiberglass Junction Box
TEMPERATURE RANGE	-40°C to +65°C (Case ~30°C above ambient)
CERTIFICATIONS	Certified to UL 844, UL 1598, UL 1598A, UL 2108, UL 8750; CSA 22.2 No. 137, CSA 22.2 No. 250.0, CSA 22.2 No. 250.13; Class I, Division 2, Groups ABCD, T5**; Class II, Division 2, Groups FG, T4A**; 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	GS-1: 582 GS-2: 1292 GS-3: 2003 GS-4: 2714
LUMEN MAINTENANCE	LM-80 > 60,500 hrs
WEIGHT	APPROXIMATE 6KG (GS-2)

* 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

* Available in both AC & DC formats

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.

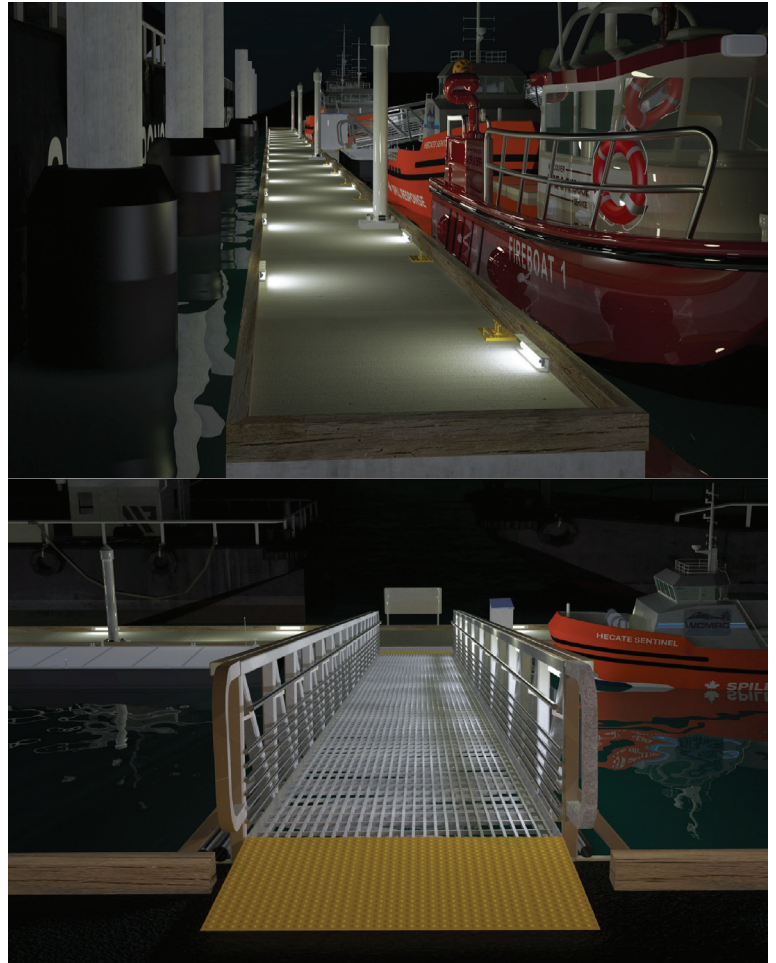
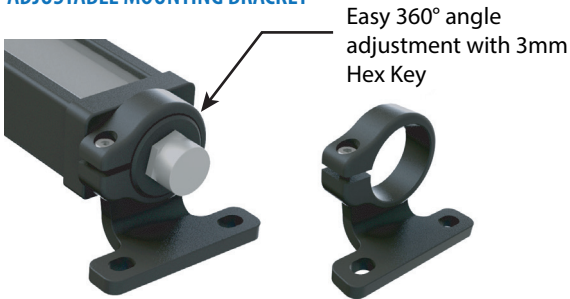
For additional information see:

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

APPLICATIONS

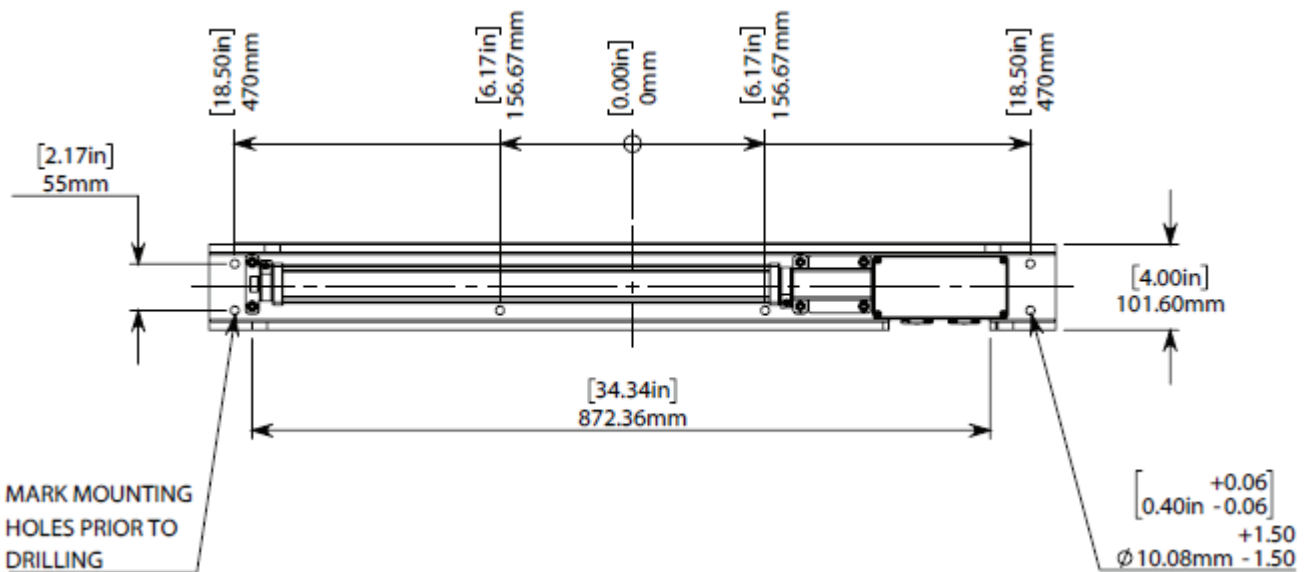
Embarking and disembarking vessels at night can be challenging and may lead to slip and fall incidents. Illumination of walkways in marine environments is a critical safety aspect and improved lighting quality can substantially reduce such risks. Installing localized strip lights on bull rails at a marine can substantially increase visibility, reduce the negative impact of light pollution on marine life and reduce future maintenance costs.

MOUNTING OPTION ADJUSTABLE MOUNTING BRACKET

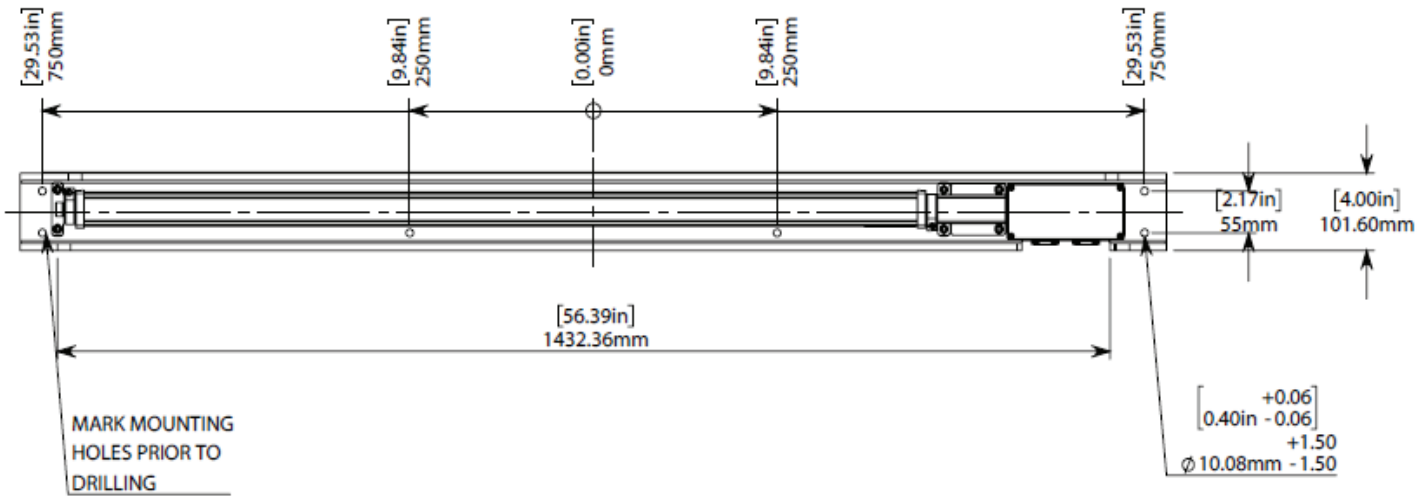


CASE DIMENSIONS

*Bull Rail GS-2



*Bull Rail GS-4



ORDERING INFORMATION

PROJECT NAME		TYPE
PROJECT LOCATION		
COMMENT		DATE
PREPARED BY		

MODEL SELECTOR

Sample Number: GS-1-50-W-BLK-H-120-66-A

MODEL	COLOUR	OPTIC	FINISH	LOCATION	VOLTAGE	INGRESS	MOUNT
-	-	W	BLK	H	120	-	A
GS-1 GS-2 GS-3 GS-4	50 - 5000K Special Order: 30 - 3000K ^{1,2} 35 - 3500K ¹ 40 - 4000K ¹ 45 - 4500K ¹ 45 - 4500K ¹ 55 - 5500K ¹ 65 - 6500K ¹	W - Wide Beam (No Optic)	BLK - Black Custom finishes available. Please contact for details. ¹	H - Hazardous Locations	120 - 120 VAC	66/67 - IP66 69 - IP69	A - Adjustable

BULL RAIL MOUNTING ACCESSORY

Sample Number: GS-BR-1-B0.5-KT

MODEL	LENGTH	FITTING	KIT
GS-BR	-	-	KT
GS-BR	1 2 3 4	B0.5 B0.75	KT ³

NOTES:

- Minimum order quantities, additional costs and lead times may apply.
- 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.
- Kit includes Fixture & Bullrail as a package

Entry Option

- B-0.5 - Entry HOLES 22.2mm (0.875") FOR 1/2" CONDUIT FITTINGS
B-0.75 - Entry HOLES 28.2mm (1.11") FOR 3/4" CONDUIT FITTINGS

