

KEY FEATURES

- 90 minute emergency battery back-up lighting time
- Designed for harsh and hazardous location use
- Copper-free, extruded aluminum housing with polycarbonate lens
- High-output linear LED replacement for legacy vapor-tight lights
- Approved for through-wiring of multiple units on a single circuit
- Angle adjustable mounting bracket allows for 360° rotation (optional)
- Maximum mount height 25ft to comply with UL924
- Built-in junction area for simplified termination



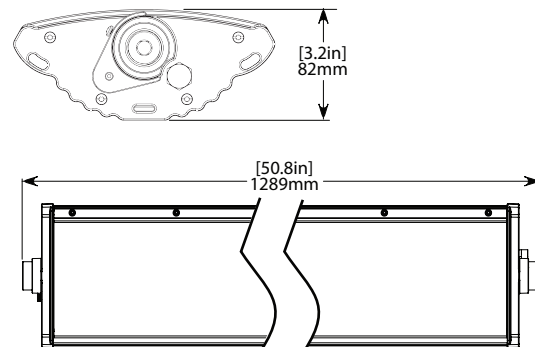
TECHNICAL SPECIFICATIONS

HOUSING	Copper Free Aluminum and Polycarbonate Lens
MOUNTING	See Page 2 for MOUNTING OPTIONS
INPUT VOLTAGE	120-277 VAC
RATED POWER	85 WATTS
RATED CURRENT	0.71A @ 120VAC
CONNECTIONS	2x 3/4" NPT Entries
DIMMING	0-10V Dimmable, Class 1 Wiring See CHART on Page 2
TEMPERATURE RANGE	0°C to +50°C
CERTIFICATIONS	Certified to UL 844, UL 924, UL 1598, and UL 8750; CSA 22.2 No. 137, CSA 22.2 No. 250.0 & CSA 22.2 No. 250.13; CSA 22.2 No. 141.15 Class I, Division 2, Groups ABCD; T4A Class II, Division 2, Groups FG; T4A Class III; Class I, Zone 2, Groups IIC; T4 Zone 22, Groups IIIB; T4
INGRESS PROTECTION	IP66 Suitable for wet locations.
COLOR TEMP RANGE	50: 5,000K Special Order: 2,700-6,500K
CRI VALUE (MIN)	70
TOTAL LUMENS	See Page 2 for DETAILS
LUMEN MAINTENANCE	LM-80 > 60,600 hrs
WEIGHT	NL4: 10.2 kg (22.5 lbs)

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

DIMENSIONS

NL4-S:



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>

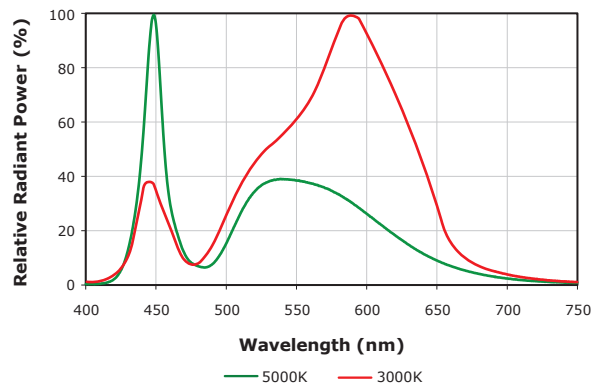
ELECTRICAL RATINGS

MODEL	INPUT VOLTAGE	RATED WATTAGE [Watts]	RATED VOLTAGE [Volts]	FREQUENCY [Hz]	TOTAL LUMENS
NL4S	Normal	85	120-277	50/60	8,697
	Emergency	10			1,050

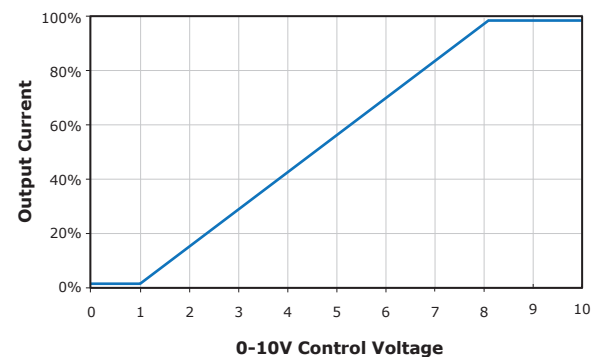
FIXTURE COMPARISON

Size: Length: Rating: Lamp Quantity: Est. Power: Est. Lumens LED Cross: Lumens	T12				T8				T5					
	4 foot		8 foot		4 foot		8 foot		4 foot					
	Standard		Standard	High Output	Standard		High Output	Standard	High Output	Standard		High Output		
	2-Lamp	4-Lamp	2-Lamp	2-Lamp	2-Lamp	4-Lamp	6-Lamp	2-Lamp	2-Lamp	2-Lamp	4-Lamp	6-Lamp	2-Lamp	
	74	133	158	237	62	112	184	86	112	153	59	118	117	120
	3,200	6,400	6,000	8,100	3,200	6,400	8,600	4,300	8,800	9,100	3,200	6,400	9,600	6,600
NL4-S	8,697	X		X		X	X		X			X		X

PHOTOMETRICS



DIMMING



- Driver will source a maximum of 200uA for control needs
- Controller must sink current from the 0-10V control leads

MOUNTING OPTIONS (Select one of the following mounting options)

SURFACE MOUNT (NL-SM)

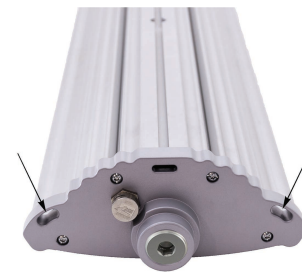


ANGLE ADJUSTABLE MOUNT (NL-AM)



Easy field 360° angle adjustment with 3mm Hex Key.

SUSPENDED MOUNT (Built-In)

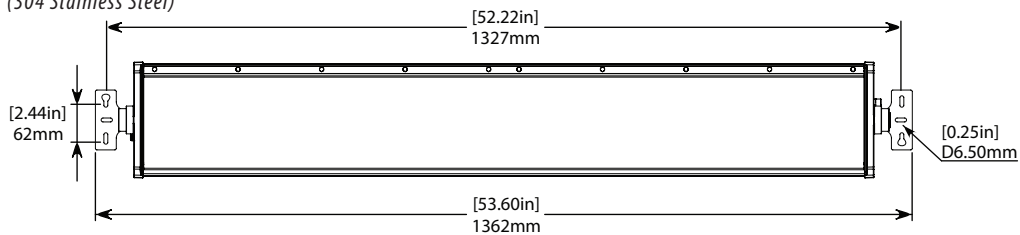


Two 6.5mm x 10 mm slots on each end for suspension hardware (not provided).

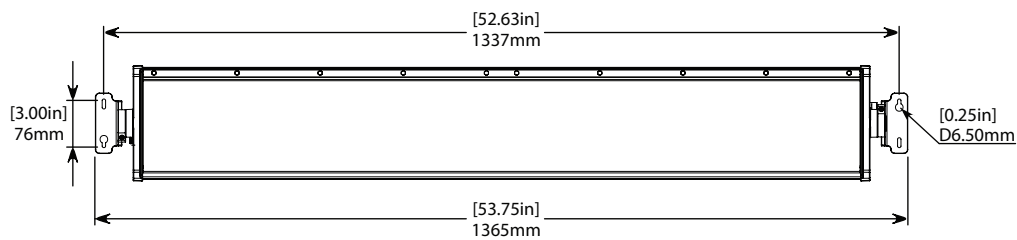
MOUNTING DIMENSIONS

SURFACE MOUNT (NL-SM)

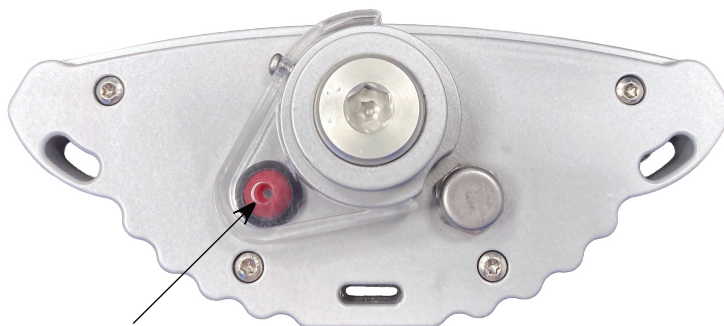
(304 Stainless Steel)



ANGLE ADJUSTABLE MOUNT (NL-AM)



BATTERY BACKUP TEST BUTTON



ORDERING INFORMATION

PROJECT NAME		TYPE
PROJECT LOCATION		
COMMENT		DATE
PREPARED BY		

MODEL SELECTOR

Sample Number: NL4-S-50-WC-GY-HZ-BB

MODEL	OUTPUT	CCT	OPTIC	FINISH	LOCATION	POWER
-	-	-	WC	GY	HZ	-
NL4	S - Standard	30 - 3,000K 40 - 4,000K 50 - 5,000K Custom CCT options are available. Please contact for details. ¹	WC - Wide Clear Special Order: WF - Wide Frosted	GY - Grey Custom finishes are available. Please contact for details. ¹	HZ - Hazardous Location	BB - 120-277VAC w/ Battery Back-up ^{2,3}

ACCESSORIES

Sample Number: NL-SM

ACCESSORY	
<i>Select one of the following mounting options:</i>	
NL-SM	- NL Series; Surface Mount
NL-AM-GY	- NL Series; Angle Adjustable Mount; Grey Finish

NOTES:

1. Minimum order quantities, additional costs and lead times may apply. Custom finishes only available in NL-AM.
2. Battery Backup (BB)
 - NL4S - 10W 90 min
3. BB details
 - Recharge Time: 24 hours