

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



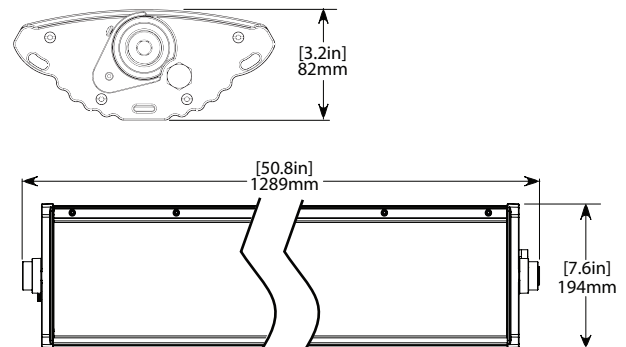
TECHNICAL SPECIFICATIONS

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>

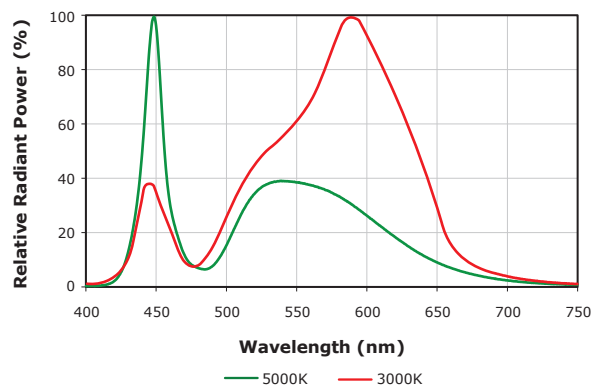
ELECTRICAL RATINGS

MODEL	INPUT VOLTAGE	RATED WATTAGE [Watts]	RATED VOLTAGE [Volts]	FREQUENCY [Hz]	TOTAL LUMENS
NL4S	Normal	85	120-277	50/60	9,988
	Emergency	10			1,050
NL4S-WF	Normal	85	120-277	50/60	8,414
	Emergency	10			1,050

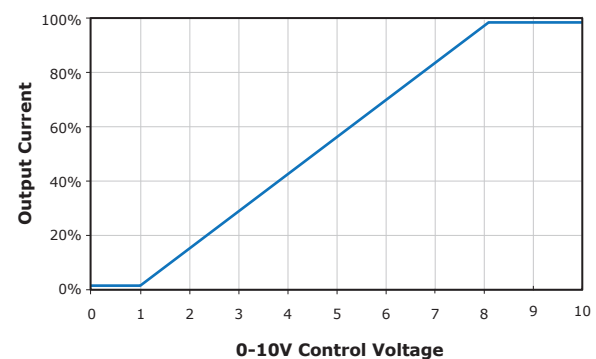
FIXTURE COMPARISON

Size: Length: Rating: Lamp Quantity: Est. Power: Est. Lumens LED Cross:	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
Lumens														
NL4-S	9,988	X		X		X	X		X	X		X	X	X
NL4-S-WF	8,414	X		X		X	X		X			X		X

PHOTOMETRICS



DIMMING



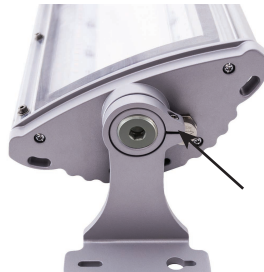
- Driver will source a maximum of 200uA for control needs
- Controller must sink current from the 0-10V control leads

MOUNTING OPTIONS (Select one of the following mounting options)

SURFACE MOUNT (NL-SM)

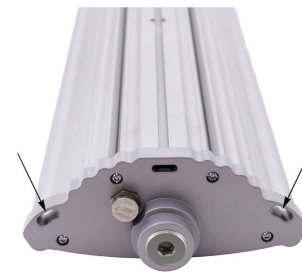


ANGLE ADJUSTABLE MOUNT (NL-AM)



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

SUSPENDED MOUNT (Built-In)

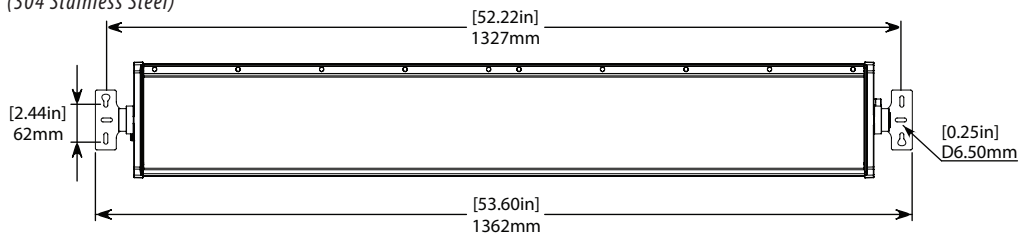


Two 6.5mm x 10 mm slots on each end for suspension hardware (not provided).

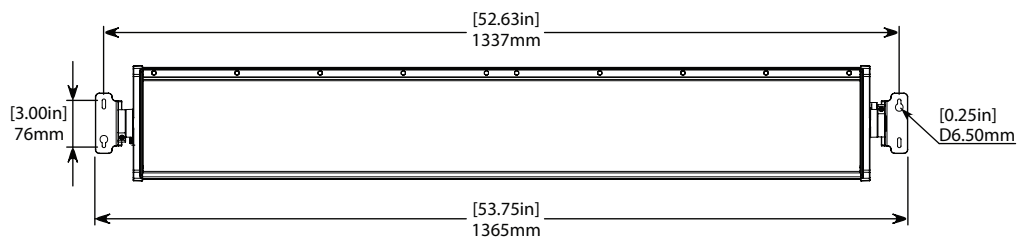
MOUNTING DIMENSIONS

SURFACE MOUNT (NL-SM)

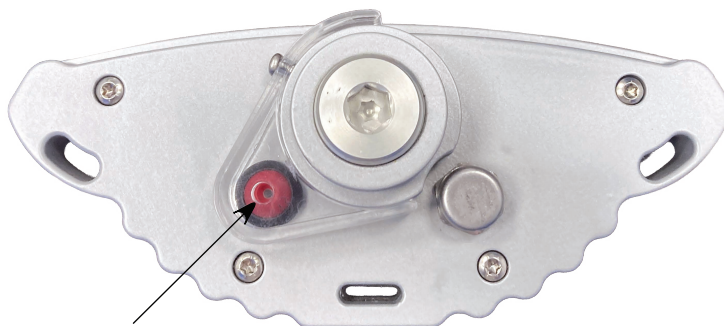
(304 Stainless Steel)



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 - 120-277 VAC 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