



Type No. _____

Job Name _____

Catalog No. _____



Shown: N4X6L18



Shown: N4X6L18H76WIH

Housing

- Watertight enclosure is constructed of gray fiberglass reinforced polyester
- Fully gasketed
- No exposed metallic hardware
- Includes two 6 or 12 volt black polycarbonate externally mounted lamp heads available in a variety of wattages unless otherwise specified
- Internally mounted white or black polycarbonate lamp heads are available with "IH" option (up to 25 W units only)
- Sealed test switch

Battery

- Choice of maintenance free, sealed lead calcium or nickel cadmium batteries
 - Lead calcium battery has an expected service life of 5 years with an operating range of 65°F (19°C) to 85°F (30°C)*
 - Nickel cadmium battery has an expected service life of 10 years with an operating range of 20°F (-7°C) to 95°F (35°C)*
- * Increases or decreases in temperature will affect battery performance and/or capacity. Optimum battery performance realized at 77°F (25°C).

Electrical Specifications

- 120 VAC - 0.15 A, 18 W
- 277 VAC - 0.07 A, 18 W

Warranty

- Electronics: 3 years
- Battery: 1 year full, 4 years pro-rata (lead calcium)
- Battery: 5 years full, 5 years pro-rata (nickel cadmium)

N4X Series

- Low Profile Corrosion and Moisture-Resistant
- 6 Volt, 14-50 Watts
- 12 Volt, 36-50 Watts
- Maintenance-Free, Sealed Lead Calcium or Nickel Cadmium Battery

Electronics

- 120/277 VAC dual voltage input capability
- Lead calcium units use a fully automatic, voltage regulated, current limited, solid-state charger
- Nickel cadmium units feature a solid-state, constant current charger
- Labor saving AC lockout feature
- Brownout protection activates lights when AC voltage drops 20% below nominal
- Low voltage disconnect prevents deep battery discharge

Application

- Industrial locations where water-, oil-, and dust-resistant equipment are required
- Unit with internal heads (IH) option is ideal for food processing and washdown areas
- The N4X Series meets the Buy American requirements

Code Compliance

- UL 924 listed
- UL wet, damp location listings optional 50°F (10°C) to 104°F (40°C)
- NFPA 70 and NFPA 101, NEC, BOCA, OSHA, and IBC illumination standards
- NSF listing standard

Operation

DC Voltage	Unit	Watts to 87½ of Rated Voltage*			
		1½ hrs.	2 hrs.	4 hrs.	8 hrs.
6	N4X6L18	18	14	7	--
	N4X6L25	25	19	9.5	--
	N4X6L36	36	27	14	7
	N4X6L50	50	37.5	19	10
	N4X6N14	14	10.5	5.5	--
	N4X6N18	18	14	7	--
	N4X6N25	25	19	9.5	--
	N4X6N50	50	37.5	19	10
12	N4X12L36	36	27	14	7
	N4X12L50	50	37.5	19	10
	N4X12N50	50	37.5	19	10

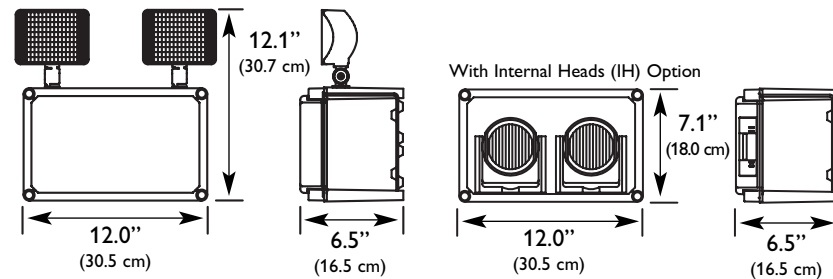
* Per NEC Specs

Ordering Information

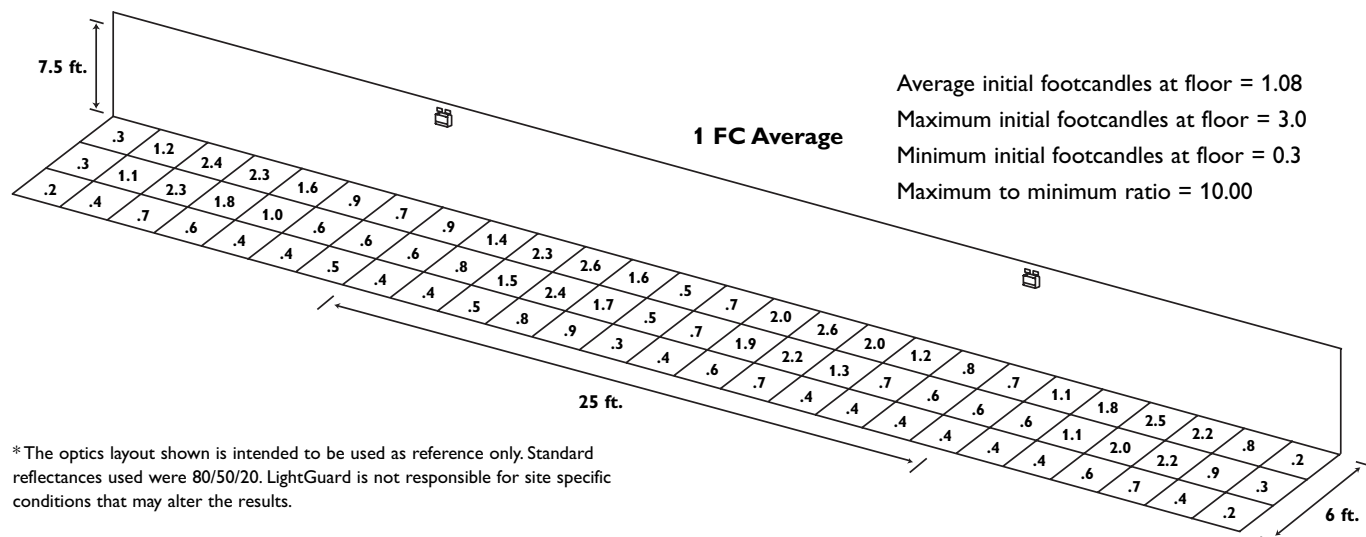
N4X						
SERIES	DC VOLTAGE	BATTERY	DC WATTAGE	LAMP TYPE	# OF HEADS	OPTIONS ¹
N4X = N4X Series	6 = 6 V 12 = 12 V	L = Lead Calcium N = Nickel Cadmium	6 V, Lead Calcium 18 = 18 W 25 = 25 W 36 = 36 W 50 = 50 W 12 V, Lead Calcium 36 = 36 W 50 = 50 W	6 V, Nickel Cadmium 14 = 14 W 18 = 18 W 25 = 25 W 50 = 50 W 12 V, Nickel Cadmium 50 = 50 W	**Specify for internal heads (IH) option only** White Lamp Heads H76W = 6 V, 7 W H126W = 6 V, 12 W J66 = 6 V, 5.4 W J76 = 6 V, 7.2 W J96 = 6 V, 9 W Black Lamp Heads H76B = 6 V, 7 W H126B = 6 V, 12 W J66B = 6 V, 5.4 W J76B = 6 V, 7.2 W J96B = 6 V, 9 W	2 = Two EX = Special Input Transformer (specify voltage & frequency) IH = Internally Mounted Lamp Heads (specify head type**, up to 25 W units only) TD1 = 120 VAC Time Delay ² TD2 = 277 VAC Time Delay ² TP = Tamperproof W = UL Wet Location Listing Z = UL Damp Location Listing
ACCESSORIES (Ordered Separately)						
EMF = External Mounting Feet NTP TOOL = Tamperproof Screwdriver PVS = Polycarbonate Vandal Shield WGS = Wire Guard						

NOTES: 1) Some option combinations may impact UL listing. Consult factory for specifics. 2) 15 minute delay.

Dimensions



Optics Wall mounted 7.5' AFF, J96 6 V 9 W Tungsten Lamps Represented



*The optics layout shown is intended to be used as reference only. Standard reflectances used were 80/50/20. LightGuard is not responsible for site specific conditions that may alter the results.

Suggested Specification

Furnish and install LightGuard's emergency lighting model _____. The unit shall be constructed to meet Underwriters Laboratories, Inc. Standard #924. Upon failure or brownout of utility power, the units shall automatically transfer to battery power and maintain the required illumination for a period of 90 minutes. Upon restoration of utility power, the charger shall restore the battery to full charge per UL 924 standard requirements.

CHARGER - Sealed lead calcium battery units shall be equipped with a solid-state constant voltage type charger with a current-limited charge rate. Charger shall provide a charging voltage accurate to within 0.05 V of set voltage. Nickel cadmium battery units shall utilize a solid-state, constant current charger.

BATTERY - The battery shall be maintenance-free, sealed lead calcium or sealed nickel cadmium.

HOUSING - The housing shall be constructed of gray, impact-resistant, fiberglass reinforced polyester. The enclosure shall be UL listed for wet or damp locations (optional). The unit shall include a one piece formed-in-place gasket to eliminate potential for seal failure. The unit shall come standard with two black lamp heads for external mounting on unit. White or black internally mounted lamp heads shall be optional.

ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



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L2053R20
5/12 IH