



CORPELIMA

10L LIGHT-PAK™ N2LPS Emergency Lighting System

Cl. I, Div. 2, Groups B, C, D
Class I, Zone 2
Wet Locations
NEMA 3, 3R

Application:

- Light-Pak N2LPS emergency lighting systems are used:
- to provide reliable illumination for egress areas during failure or interruption of power to the normal lighting system
 - in areas where flammable gases or vapors may become present due to abnormal, unusual, or accidental conditions
 - in manufacturing plants, refineries, petrochemical and chemical plants, waste and sewage treatment facilities, oil terminals, food processing facilities, breweries, and other industrial manufacturing or process industry facilities subject to wet or corrosive conditions
 - to illuminate machinery or panels during a loss of AC power
 - where moisture, dirt, dust, or corrosion will limit the life and reliability of ordinary emergency lighting systems
 - where required by the National Electrical Code®, the Life Safety Code® or other applicable codes
 - Outdoor applications

Features:

- Compact factory assembled system with two 8 watt sealed beam halogen lamps.
- Nonmetallic, enclosed and gasketed construction; a CID101 corrosion inhibitor device is also included.
- Solid state battery charger will accept 120, 220, and 277 VAC, 50/60 Hz.
- A time delay is standard; time delay is preset at factory for 5 minute delay but can be field set for 5 seconds or 15 minutes, thus allowing HID type lamps time to restrike and reach desired illumination levels.
- "Push-to-Test" button and "Main Power On" pilot light are conveniently located on side of system.
- Sealed, lead calcium battery(ies); one battery supplies 28 watts of power (two batteries 56 watts) for 1½ hrs.
- Luminaire heads constructed of rugged Noryl® thermoplastic material with nylon and plastic coated hardware.
- Cover has six captive stainless steel screws; factory installed ¾" conduit hub opening is standard, located on top of system.
- Remote luminaire head assemblies (one or two) are available for mounting of luminaire heads away from main power supply system.

Temperature Performance

Data: (based on 40°C ambient)

Cat. #	Class I, Division 2
N2LPS (all)	T4A
N2RF (all)	T5

(NOTE: Ambient temperature at which the Light-Pak system is rated is 0°C (32°F) to 40°C (104°F). Lower ambient temperatures will reduce battery capacity.)

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Noryl is a registered trademark of General Electric Company.



Standard Materials:

- Power supply and remote luminaire enclosures – Krydon® fiberglass-reinforced polyester
- Luminaire heads – Noryl® thermoplastic
- Exterior hardware – Nylon, plastic coated, and stainless steel
- Cover gasket – Hypalon® synthetic rubber

Electrical Ratings:

- Power supply – Input: 120, 220, or 277 VAC, 50 or 60 Hz; 25 watts max.
Output: 6 VDC;
N2LPS6222, N2CPS6220 – 28 watts for 1½ Hrs.
N2LPS6422, N2LPS6420 – 56 watts for 1½ Hrs.
- Luminaires – Voltage: 6 VDC; Lamp type: 8 watt, tungsten halogen PAR36 sealed beam (General Electric #H7551)

Certifications and Compliances:

- NEC – Class I, Division 2, Groups B,C,D
- UL Standards: 924 (Emergency Lighting and Power Equipment); 844 (Electric Luminaires Hazardous Locations)
- Life Safety Code NFPA101® – Section 5-9 (Emergency Lighting)
- Wet Locations Suitability

Unit Net Weights:

- N2LPS6222 – 16 lbs.
- N2LPS6422 – 21 lbs.
- N2LPS6220 – 12 lbs.
- N2LPS6420 – 17 lbs.
- N2RF621 – 6 lbs.
- N2RF622 – 8 lbs.

Ordering Information:

Description	Cat. #
28 watt, 6 volt output power supply with two 8 watt tungsten halogen luminaires..	N2LPS6222
56 watt, 6 volt output power supply with two 8 watt tungsten halogen luminaires..	N2LPS6422
28 watt, 6 volt output power supply only (less luminaire heads)	N2LPS6220
56 watt, 6 volt output power supply only (less luminaire heads)	N2LPS6420
Remote luminaire assembly with one 8 watt luminaire head	N2RF621
Remote luminaire assembly with two 8 watt luminaire heads	N2RF622
Remote luminaire assembly with one 12 watt 6 volt lamp for mounting in Class 1, Division 1, Group C and D areas	EVLA126
Power supply with two 8 watt tungsten halogen luminaires and single face exit sign. Exit sign operates in emergency mode only.....	N2LPS6422-EXS
Power supply with two 8 watt tungsten halogen luminaires and double face exit sign. Exit sign operates in emergency mode only.	N2LRS6422-EXD

Option:

Description	Suffix to be Added to Cat. #
N2LPS6422 with exit sign EXS or EXD that operates in both normal and emergency mode.	S840

Emergency Lighting
10L

