

IEL SERIES

NEMA 4X HEAVY DUTY WET LOCATION EMERGENCY LIGHT



OVERVIEW

The IEL Wet Location Heavy Duty Emergency Light is outdoor rated and designed for all types of environments that feature moisture and wetness. For applications where temperatures can fall below freezing.

This model can be outfitted with an optional internal heater that allows the emergency light and its battery backup system to function below 32 F. This wet location model is weatherproof and waterproof and comes with (2) top-mounted 9-watt sealed beam lamp heads.

The internal battery constantly charges from AC power is prepared to provide at least 90 minutes of emergency mode illumination power in case AC electricity is lost during a power outage, fire, or other emergency.

The housing of the IEL Series NEMA 4X Wet Location Emergency Light is constructed from durable and rugged fiberglass which is fully gasketed to prevent any moisture from entering the fixture. Operates using 120 or 277V AC electricity. UL 924 Listed for the United States - five year warranty.

EXTERNAL SPECIFICATIONS

The NEMA 4X rated housing is suitable for installation into wet location environments that feature moisture, rain, sleet, and snow. An internal heater should be ordered with the unit for freezing environments.

This model back mounts to most inflammable surfaces. Fully gasketed construction features a front access panel for easy maintenance.

BATTERY

The IEL uses sealed lead calcium emergency light batteries Provides a minimum 90 minutes of emergency power to the (2) lamp heads and can also provide power to remotely located lamp heads.

LAMP SELECTION GUIDE

- 6V Tungsten: 9W
- 6V Tungsten Halogen: 8W, 10W, 12W, 20W
- 6V Sealed Beam: 9W, 12W, 18W, 25W
- 6V SB Halogen: 8W, 12W, 20W
- 6V Bi-Pin Halogen: 6W, 8W, 10W, 12W, 20W
- 12V Tungsten: 9W, 18W
- 12V Tungsten Halogen: 8W, 12W, 20W, 35W
- 12V Sealed Beam: 12W, 18W, 25W, 35W
- 12V SB Halogen: 8W, 12W
- 12V Bi-Pin Halogen: 8W, 12W, 20W, 35W, 50W
- 12V Halogen MR16: 10W, 20W, 30W
- 12V Halogen H3: 55W

ELECTRICAL SPECIFICATIONS

120/277V AC dual-voltage operation is standard. Other voltages available upon request such as 220v and 240v.

SELF-DIAGNOSTIC AUTO-TEST OPTION

The IEL auto-test feature automatically monitors the functional operation of the unit. Auto-test monitors the operation of the lamps, battery and circuitry and displays any alerts. Periodic emergency tests, up to ninety (90) minutes duration are simulated to ensure proper operation during an actual power failure. Operating status is visually indicated by multi-function LED indication.

INTERNAL HEATER OPTION

The unit can be outfitted with an internal heater that keeps battery backup system ready for emergency mode operation for applications that feature temperatures as low as -4°F.

TIME DELAY OPTION

This option is ideal for installations that are utilizing fluorescent and HID lamps for general lighting purposes. The time delay feature keeps the emergency lights illuminated for a preset period (usually 15 minutes) after power is restored since fluorescent and HID lighting can take 10-15 minutes to reach full brightness, even after a short power failure. Please specify 120 or 277V AC connection.

NICKEL CADMIUM BATTERY OPTION

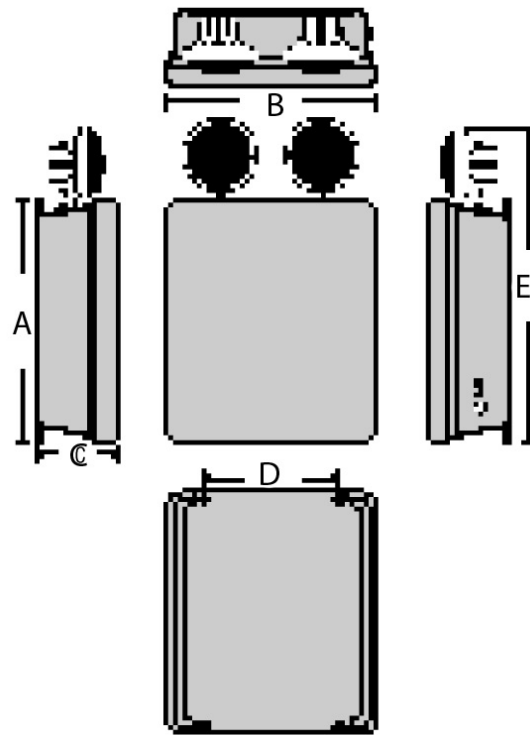
The unit can come with a nickel cadmium battery. A step above the standard sealed lead calcium battery, Ni-Cad batteries have a 5-7 year lifespan, are easier to replace, and decrease shipping weight.

CODE COMPLIANCE

UL924 Listed for the U.S. and Canada, CS860, NFPA, Life Safety 101, UL Listed for Damp Locations. UL Listed for Wet Locations.

WARRANTY

The IEL Series comes with a 3-year factory warranty. The lamps are not covered. Deliberate damage, misuse, or improper installation effectively cancel the warranty. Battery features a 20% per year pro-rata warranty.



DIMENSIONS

Series	A	B	C	D	E
27W-36W	11.5"	9.25"	5.5"	5.25"	16.5"
54W-72W	13.5"	11.25"	5.5"	8.25"	18.5"
100W-200W	15.5"	13.5"	6.25"	10.25"	20.5"
200W-300W	17.5"	15.5"	6.25"	12.25"	22.5"
360W	10"	17"	9"	12.25"	24.5"



ORDERING INFORMATION

Series	Operation	Capacity	Heads	Lamps	Options
IEL	6 (volt DC)	27 (6V)	1 (single)	(see lamp guide guide pg 1)	AT (auto-test)
	12 (volt DC)	36 (6V, 12V)	2 (double)		NC (ni-cad battery)
		54 (6V, 12V)	0 (none)	TD (time delay)	
		72 (6V, 12V)		VM (voltmeter)	
		100 (6V, 12V)		FP (food prep lens)	
		150 (12V)		AM (ammeter)	
		200 (12V, 24V)		IH (internal heater)	
		300 (12V, 24V)		CC (custom color)	
		360 (12V, 24V)		220V50HZ (220V)	