

PROJECT NAME:	APPROVED BY:
CATALOG NO:	TYPE NO:

# TUFFLITE IPX - Emergency Light

IP66/NEMA 4X • 6&12 Volt 18 – 60 Watt

Tufflite "IPX" Industrial emergency lighting units are designed for use in IP66 and NEMA 4X wet locations. The heavy duty cast aluminum enclosure provides protection for the enclosed equipment for use in NEMA 4X/IP66 environments, sanitation approved by ETL for use in splash zones equivalent to NSF2. A vandal resistant polycarbonate lens provides added protection.

## Construction

- Fully gasketed to meet the requirements of NEMA 4X and IP66 applications, Intertek splash zone listing is equal to NSF Standard 2
- Rugged .100" thick die cast aluminum fully gasketed housing is provided with stainless steel mounting straps and finished in industrial grey
- Clear 0.125" polycarbonate lens for vandal resistance with fully adjustable lampheads
- Universal mounting pattern and keyhole slots are cast in the mounting back plate
- Stainless steel mounting straps are provided for surface mounting

## Electrical

- Fully automatic operation provides 90 minutes or more of emergency lighting
- Premium, fully automatic current limited "Pulse Switching" charger provides ideal charge conditions for optimum battery performance and life
- Charging circuit is temperature compensated and includes short circuit protection
- Choice of maintenance free sealed Lead Calcium or Nickel Cadmium batteries
- Batteries recharge to UL924 requirements automatically following a power outage
- Operating temperature range is 10°C to 40°C, or to -20° C with heater option



- Field selectable 120 or 277 VAC input
- LED indicator and push to test switch, with optional Infrared remote or magnetic test
- Brownout sensing assures emergency operation during periods of low line voltage Line-latch prevents unnecessary discharge of battery during installation, loads will not illuminate until after application of utility power
- Low voltage cut-off prevents battery damage and ensures positive charge acceptance following an extended discharge
- Self-Test / Self-Diagnostic monitoring available

## Certification

- Designed and listed for use in NEMA 4X and IP66 applications
- BAA Compliant
- CSA C22.2 No.141 performance certified
- Listed to UL 924, meets NFPA 101 Life Safety Code, NFPA 70-NEC and OSHA requirements



## Warranty

- 3 Year limited warranty

## ORDERING GUIDE – IPX Series

Example: IPX4E36-L127-SD

Model	Operating Voltage/Wattage		Available Lamps Heads		Options
IPX	<b>Lead Calcium Battery (90 Minute Capacity)</b>		<b>Nickel Cadmium Battery (90 Minute Capacity)</b>		<b>LED</b> <b>L65</b> 6 Volt - 5 Watt <b>L67</b> 6 Volt - 7 Watt <b>L125</b> 12 Volt - 5 Watt <b>L127</b> 12 Volt - 7 Watt  <b>SD</b> Self Test / Self Diagnostic* <b>A</b> Ammeter (only available in units 42 watts and below) <b>V</b> Voltmeter (only available in units 42 watts and below) <b>H</b> Internal Heater to -20° C (Specify AC voltage) <b>IR</b> Infrared Remote Test receiver (specify input voltage) <b>TLRTHHC</b> Remote Hand Held Tester <b>MT</b> Magnetic Test Switch (one magnet provided per order)
	<b>2E18</b>	6 Volt – 18 Watts	<b>2N22</b>	6 Volt – 22 Watts	
	<b>2E27</b>	6 Volt – 27 Watts	<b>2N42</b>	6 Volt – 42 Watts	
	<b>2E36</b>	6 Volt – 36 Watts	<b>4N42</b>	12 Volt – 42 Watts	
	<b>2E60</b>	6 Volt – 60 Watts			
	<b>4E36</b>	12 Volt – 36 Watts			
	<b>4E60</b>	12 Volt – 60 Watts			
IPX					*Includes standard time delay, specify 0, 5, 10 or 20 minutes Note: Above options only available in 42 watt and lower models

Fill in fields from categories above and complete type and part number.

Type Number:

Full Part Number:

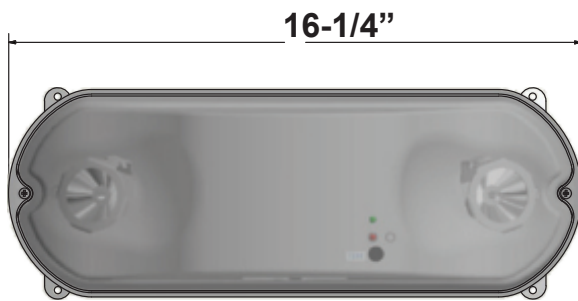
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### NEMA 4X:

Enclosures constructed for either indoor or outdoor use to provide a degree of protection to personnel against access to hazardous parts; to provide a degree of protection of the equipment inside the enclosure against ingress of solid foreign objects (windblown dust); to provide a degree of protection with respect to harmful effects on the equipment due to the ingress of water (rain, sleet, snow, splashing water, and hose directed water) that provides an additional level of protection against corrosion; and that will be undamaged by the external formation of ice on the enclosure.

### Dimensions



Model	Voltage	Wattage			
		90 min	2 hrs	3 hrs	4 hrs
IPX2E18	6	18	13	9	6
IPX2N22	6	22	16	11	8
IPX2E27	6	27	20	14	10
IPX2E36	6	36	27	18	13
IPX2N42	6	42	31	21	15
IPX2E60	6	60	45	30	23
4E36	12	36	27	18	13
4E60	12	60	45	40	22