

# FEATURES

## CONSTRUCTION

Rugged blue and gray (standard colors) .140" thick, injection-molded thermoplastic. Vertical orientation – designed especially for pole or column mounting. Also suitable for wall, I-beam and unistrut mounting. Ceiling and pendant mounting with optional equipment.

Quick-Mount® installation with one galvanized, 12-gauge steel mounting bracket shipped standard. Conduit entry points are located on top and both sides of the unit. Maintenance is made easy by tool-less re-lamp, single tool entry, hinging front cover, printed circuit board mounting shelf and battery belt.

Full range of lamp options are available from 6W to 25W in either incandescent or halogen sealed-beam or composite versions. Composite halogen lamps feature unique, field adjustable beam spread by simply turning the lamp bezel. Standard lamp is 8W incandescent.

**U.S. Patent No. D419,097, 6,135,624 and 6,193,395. Canadian Patent No. 2,283,091.**

## BATTERY

Batteries are sealed, maintenance-free, lead-calcium with wattage capacities ranging from 16 to 100W for 90 minutes of emergency operation. Also available in 12 and 24V versions.

Low-voltage disconnect prevents excessively deep discharge that can permanently damage the battery.

## ELECTRONICS

AC/LVD reset allows battery connection before AC power is initially applied and prevents battery damage from deep discharge.

Current limiting charger maximizes battery life and minimizes energy consumption.

Thermal protection senses circuitry temperature and adjust charge current to prevent overheating and charger failure.

Thermal compensation adjusts charger output to provide optimum charge voltage relative to ambient temperature.

## DIAGNOSTICS (SD option)

Single multi-chromatic LED indicator to display two-state charging, test activation and three-state diagnostic status.

Test switch provides manual activation of 30-second diagnostic testing for on-demand visual inspection.

Self-diagnostic testing for five minutes every 30 days and 30 minutes every six months.

Diagnostic evaluation of lamp, AC to DC transfer, charging and battery condition.

Brownout protection is a standard feature of self-diagnostics.

Continuously monitors AC functionality.

Automatic test is easily postponed for eight hours by activating manual test switch.

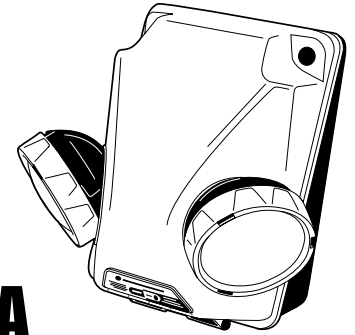
Load-learning capability self-calibrates to DC load at first test enabling it to detect a lamp failure on future tests. It may be recalibrated at any time by holding down the test switch for 15 seconds.

## Industrial Emergency Lighting Unit

# IND6

6-Volt

Sealed Lead-Calcium Battery



## LISTING

UL listed. Meets UL 924, NFPA 101, NEC and OSHA illumination standards.

## WARRANTY

Three year total customer satisfaction warranty.

## ORDERING INFORMATION

Example: **IND650 H1206 SD**

Family	Housing color	No. of lamps	Lamp type	Options	Reloc <sup>7</sup>
6 Volts	(blank) Gray/blue	(blank) Two heads	<u>PAR36 Composite</u>	(blank) None	(blank) None
<b>IND616</b> 16 watts	<b>B</b> Black	<b>R0</b> Less lamp heads	<b>(blank)</b> 8W/6V incand.	<b>SD</b> Self-diagnostics	<b>OCS120</b>
<b>IND636</b> 36 watts	<b>W</b> Ivory white	<b>R3</b> Three heads <sup>2</sup>	<b>N0906</b> 9W/6V incand.	<b>RT</b> Remote test receiver <sup>3</sup>	<b>OCS277</b>
<b>IND650</b> 50 watts			<b>H0606</b> 6W/6V halogen	<b>AV</b> Ammeter/voltmeter	
<b>IND6100</b> 100 watts			<b>H0806</b> 8W/6V halogen	<b>LD</b> Load disconnect <sup>4</sup>	
	<b>Input voltage<sup>1</sup></b>		<b>H1006</b> 10W/6V halogen	<b>TD</b> Time delay	
	(blank) 120V/277V		<b>H1206</b> 12W/6V halogen	<b>AFI</b> Audible failure indicator <sup>5</sup>	
			<b>H2006</b> 20W/6V halogen	<b>DL</b> Damp location(0° to 40°C) <sup>6</sup>	
			<u>PAR36 Sealed-Beam</u>	<b>CS</b> 3-foot cordset (120V only)	
			<b>N0806S</b> 8W/6V incand.	<b>CSP277</b> 3-foot cordset, NEMA L7-15P twist-lock plug, 277V input.	
			<b>N1206S</b> 12W/6V incand.	<b>CSP120</b> 3-foot cordset, NEMA L5-15P twist-lock plug, 120V input.	
			<b>N1806S</b> 18W/6V incand.		
			<b>N2506S</b> 25W/6V incand.		
			<b>H0606S</b> 6W/6V halogen		
			<b>H0806S</b> 8W/6V halogen		
			<b>H1206S</b> 12W/6V halogen		
			<b>H2006S</b> 20W/6V halogen		

### Accessories\*

Order as separate item.

**ELA RTT** Remote transmitter

**ELA WG2M** Small wireguard (16W-100W)

**ELA BS** Banding strap

**ELA IND R3** Pre-pack to install third head

**ELA IND PM** Pendant mount kit

**ELA IND CM1** Ceiling mount kit for IND616/36

**ELA IND CM2** Ceiling mount kit for IND650

**ELA IND CM3** Ceiling mount kit for IND6100

### NOTES:

1 Other voltages available. Consult factory.

2 Shipped as an accessory and field attached.

3 Remote transmitter sold separately. One per job required.

4 Not available in conjunction with SD, RT, AV, TD, or AFI.

5 Only available with SD option. AFI cannot be ordered with remote testing option.

6 Damp location units must be de-rated by 20%.

7 Factory-installed with a three-foot OnePass® circuit selector.

\*See sheets UE-420, UE-460 and UE-465.

# IND6 Industrial Emergency Lighting Unit, 6-Volt, Indura

## SPECIFICATIONS

### ELECTRICAL

#### Primary Circuit

Type	AC Input			Output Volts	Watts Output			
	Volts	Amps	Watts		1-1/2hr.	2hr.	3hrs.	4hrs.
IND616	120	.163	16.6	6	<b>16</b>	12	8	6
	277	.069	16.4		*(12.8)	(9.6)	(6.4)	(NA)
IND636	120	.172	17.8	6	<b>36</b>	27	18	13.5
	277	.075	18.0		*(28.8)	(21.6)	(14.4)	(10.8)
IND650	120	.171	17.6	6	<b>50</b>	37.5	25	18
	277	.073	17.4		*(40)	(30)	(20)	(14.4)
IND6100	120	.152	16.2	6	<b>100</b>	75	50	37.5
	277	.064	15.2		*(80)	(60)	(40)	(30)

\* Parentheses denote output of damp location products after de-rating 20%.

### BATTERY

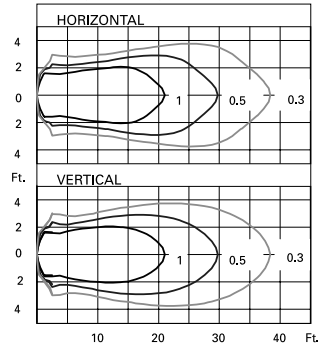
#### Lead-Calcium

Voltage	Shelf life	Expected life <sup>1</sup>	Maintenance	Optimum temperature <sup>2</sup>
6	6 mos.	5-8 yrs.	none <sup>3</sup>	60°-90°F (16°-32°C)

- 1 Based on normal room temperatures and conditions.
- 2 Optimum ambient temperature range where unit will provide rated capacity for 90 minutes. Higher and lower temperatures affect life and capacity.
- 3 Periodic system status test recommended.

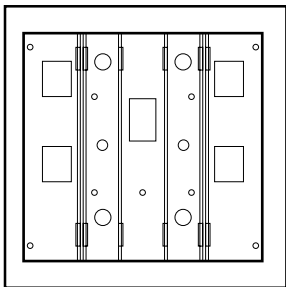
## PHOTOMETRICS

IND N0806  
6-volts, 7.2-watts, incandescent PAR36

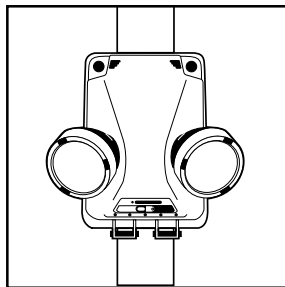


Replacement Lamp #927

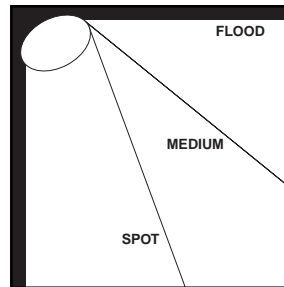
## KEY FEATURES



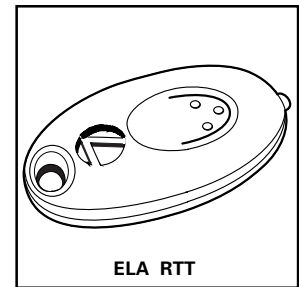
12-gauge steel mounting bracket included with each unit.



Vertical orientation for pole or column mounting.



Field-adjustable beam pattern for composite lamps.



Order remote transmitter separately.

## MOUNTING

All dimensions are in inches (millimeters).

Shipping weight: IND616 - 12 lbs. (4.5 kgs.)  
IND636 - 14 lbs. (4.5 kgs.)  
IND650 - 18 lbs. (5.5 kgs.)  
IND6100 - 23 lbs. (5.5 kgs.)

