

FEATURES & SPECIFICATIONS

INTENDED USE — Provides minimum of 90 minutes of illumination for rated wattage upon loss of AC power. Unique design for heavy and demanding industrial applications such as manufacturing plants, refineries, chemical plants, wastewater treatment facilities, food processing facilities, breweries, loading docks, and other applications subject to wash-down or industrial conditions. Superior performance lamp heads are ideal for higher mounting heights.

CONSTRUCTION — U.S. Patent No. D505,222 - Design patent. Rugged, heavy-duty, polycarbonate clear housing lens and polycarbonate housing are sealed, gasketed, and corrosion-resistant. Unique vertical orientation is perfect for mounting to a pole, column, wall, I-beam or unistrut. Install with epoxy-coated, corrosion-resistant, 12-gauge steel mounting bracket shipped standard. Conduit entry points located on both sides of unit. U.S. Patent No. 6,135,624 - mounting bracket utility patent. Maintenance is easy with hinged front cover, printed circuit board mounting shelf and battery belt.

OPTICS — U.S. Patent No. 6,193,395 - lamp head utility patent. Full range of lamp options available from 9W to 50W in sealed-beam or composite versions of incandescent, krypton or halogen lamps. Composite lamps feature unique field adjustable beam spread (by turning lamp bezel). Standard lamp is 9W krypton for 6V and 12V. Standard lamp is 18W incand. for 24V.

ELECTRICAL — Brownout protection is a standard feature of self-diagnostics.

AC/LVD reset prevents battery damage from deep discharge.

Current limiting charger.

Dual voltage input capacity (120/277V).

Thermal protection prevents overheating and charger failure.

Thermal compensation provides optimum charge voltage relative to ambient temperature.

Battery: Sealed, maintenance-free, lead-calcium battery with capacity of 18W to 125W for 90 minutes of emergency operation of 6V, 12V or 24V units.

Premium and Ultimate options offer high-temperature batteries (INDX618, INDX1236, INDX12100 only). UL listed from 32° F to 131° F (0° C to 55° C) (Premium) or -40° F to 131° F (-40° C to 55° C) (Ultimate).

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

Diagnostics (with Select, Premium and Ultimate packages): U.S. Patent No. 6,502,044 - Self-Diagnostics utility patent.

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

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

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.

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

LISTINGS — UL Listed. Meets UL 924, UL50, NFPA 101, NFPA 70-NEC, and OSHA illumination standards.

NEMA 4, 4X rated. IP66 and NSF Listed.

WARRANTY — Three-year limited warranty. Complete warranty terms located at

www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Specifications subject to change without notice.

Actual performance may differ as a result of end-user environment and application.

| |
|----------------|
| Catalog Number |
| Notes |
| Type |

NEMA 4X Emergency Lighting Unit

INDX

6, 12 or 24 Volts
Sealed Lead-Calcium
or Ni-Cad Battery



i INDURA



ORDERING INFORMATION

For shortest lead times, configure product using standard options (**shown in bold**).

Example: INDX618

| Series | Housing color | Lamp type (2 heads) | Options |
|----------------------------------|---------------------|--|--|
| <u>6 Volts</u> | (blank) Gray | <u>6 Volts</u> | (blank) UL listed to 4X standards. For 50° F to 104° F (10° C to 40° C). |
| INDX618 18W | W White | <u>24 Volts</u> | XTRA Extra package features remote test and time delay. UL listed for 50° F to 104° F (10° C to 40° C). ³ |
| INDX654 54W ¹ | | PAR36 Composite | SEL Select package features self-diagnostics, time delay, and audible failure indication. UL listed for 50° F to 104° F (10° C to 40° C). |
| INDX6100 100W | | (blank) 9W/6V krypton (blank) 18W/24V incand. | PREM Premium package features high-temperature ni-cad battery (INDX618 and INDX1236 only) or high-temperature lead calcium battery (INDX12100 only), self-diagnostics, time delay, audible failure indication. UL listed for 32° F to 131° F (0° C to 55° C). ⁴ |
| <u>12 Volts</u> | | H1206 12W/6V halogen H2024 20W/24V halogen | ULT Ultimate package features heater, thermostat and battery blanket with a high temperature ni-cad battery (INDX618 and INDX1236 only) or high-temperature lead-calcium battery (INDX12100 only), self-diagnostics, time delay, and audible failure indication. UL listed for -40° F to 131° F (-40° C to 55° C). ⁴ |
| INDX1236 36W ¹ | | H2006 20W/6V halogen PAR36 Sealed-Beam | |
| INDX1254 54W ¹ | | <u>12 Volts</u> | |
| INDX12100 100W ² | | N5024S 50W/24V incand. | |
| INDX12125 125W | | PAR36 Composite | |
| <u>24 Volts</u> | | (blank) 9W/12V krypton | |
| INDX24100 100W | | H1212 12W/12V halogen | |
| | | H2012 20W/12V halogen | |
| | | PAR36 Sealed-Beam | |
| | | H3512S 35W/12V halogen | |
| | | H5012S 50W/12V halogen | |

| Accessories: Order as separate catalog number | |
|---|--|
| ELA RTT | Remote test transmitter (for use with XTRA package, remote test option) ³ |
| ELA WG4/8 | Wireguard ⁵ |
| ELA BS | Banding Strip ³ |
| ELA INDX CM2 | Ceiling mount kit for INDX654/1236/1254 ⁶ |

NOTES:

- Ceiling-mount installations require ELA INDX CM2 mounting kits.
- INDX12100 available with either the PREM or ULT package only.
- Must order a Remote transmitter (ELA RTT) sold separately. One per job required. See spec sheet [ELA-RTT-BS](#).
- Only available on INDX618, INDX1236 and INDX12100.
- See spec sheet [ELA-WG](#).
- See spec sheet [ELA-IND-PM-CM-RHB-R3](#).

INDX INDURA® NEMA 4X Emergency Lighting Units, 6/12/24 Volts

SPECIFICATIONS

| ELECTRICAL: Primary Circuit | | | | | | | | |
|-----------------------------|-------|----------------------------|-------|--------------|------------|--------|--------|--------|
| Type | Volts | AC Input Amps ¹ | Watts | Output Volts | 1-1/2 hrs. | 2 hrs. | 3 hrs. | 4 hrs. |
| INDX618 | 120 | .093 | 19.56 | 6 | 18 | 13.5 | 9 | 6 |
| | 277 | .041 | 19.11 | | | | | |
| INDX654 | 120 | .171 | 20.64 | 6 | 54 | 40 | 27 | 20 |
| | 277 | .073 | 20.78 | | | | | |
| INDX6100 | 120 | .144 | 20.52 | 6 | 100 | 75 | 50 | 37.5 |
| | 277 | .062 | 20.22 | | | | | |
| INDX1236 | 120 | .174 | 18.24 | 12 | 36 | 27 | 18 | 13 |
| | 277 | .078 | 17.73 | | | | | |
| INDX1254 | 120 | .174 | 20.88 | 12 | 54 | 40 | 27 | 20 |
| | 277 | .078 | 21.61 | | | | | |
| INDX12100 | 120 | .160 | 20.88 | 12 | 100 | 75 | 50 | 37.5 |
| | 277 | .072 | 20.55 | | | | | |
| INDX12125 | 120 | .160 | 20.88 | 12 | 125 | 93 | 62 | 46 |
| | 277 | .072 | 20.55 | | | | | |
| INDX24100 | 120 | .33 | 39.6 | 24 | 100 | 75 | 50 | 37 |
| | 277 | .15 | 41.55 | | | | | |

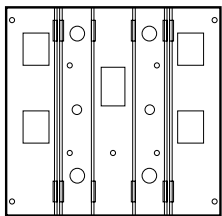
BATTERY

| High-Temperature Nickel-Cadmium | | | | |
|---------------------------------|-------------------------|---------------------------|--------------------------|----------------------------------|
| Voltage | Shelf life ² | Typical life ³ | Maintenance ⁴ | Optimum Temperature ⁵ |
| 6/12 | 3 yrs. | 10 yrs. | none | 32°-131°F (0°-55°C) |
| Lead-Calcium | | | | |
| Voltage | Shelf life ² | Typical life ³ | Maintenance ⁴ | Optimum Temperature ⁵ |
| 6/12/24 | 1 yr. | 5-8 yrs. | none | 50°-104°F (-10-40°C) |
| High-Temperature Lead-Calcium | | | | |
| Voltage | Shelf life ² | Typical life ³ | Maintenance ⁴ | Optimum Temperature ⁵ |
| 6/12/24 | 1 yr. | 5-8 yrs. | none | 32°-131°F (0°-55°C) |

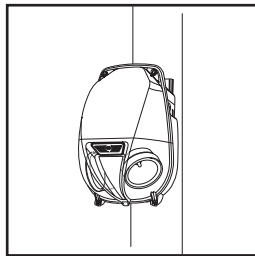
NOTES:

- 1 Add 0.3 amps, 31W for models with ULT option.
- 2 At 77°F (25°C).
- 3 Based on normal room temperatures and conditions.
- 4 All life safety equipment, including emergency lighting for path of egress must be maintained, serviced, and tested in accordance with all National Fire Protection Association (NFPA) and local codes. Failure to perform the required maintenance, service, or testing could jeopardize the safety of occupants and will void all warranties.
- 5 Optimum ambient temperature range where unit will provide rated capacity for 90 minutes. Higher and lower temperatures affect life and capacity.

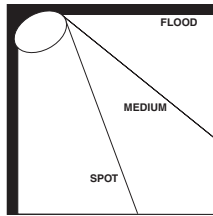
KEY FEATURES



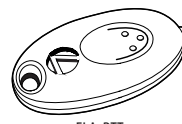
12-gauge epoxy-coated steel mounting bracket included with each unit.



Vertical orientation for pole or column mounting.



Field-adjusted beam pattern for composite lamps.



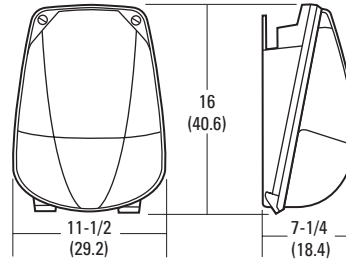
ELA RTT
Order remote transmitter separately.

MOUNTING

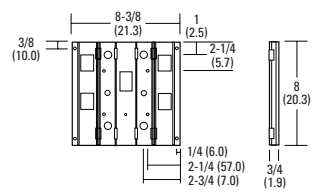
All dimensions are inches (centimeters).

Shipping weight:

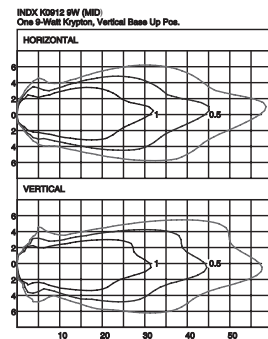
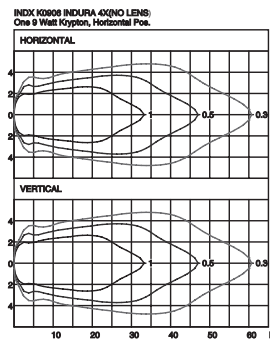
- INDX618 - 16 lbs. (7.3 kgs)
- INDX654 - 20 lbs. (9.1 kgs)
- INDX6100 - 28 lbs. (12.7 kgs)
- INDX1236 - 20 lbs. (9.1 kgs)
- INDX1254 - 20 lbs. (9.1 kgs)
- INDX12100 - 36.5 lbs. (16.6 kgs)
- INDX12125 - 30 lbs. (13.6 kgs)
- INDX24100 - 30 lbs. (13.6 kgs)



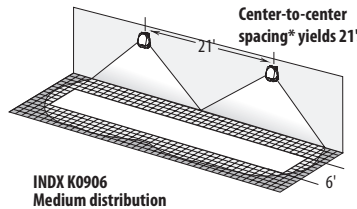
Mounting bracket



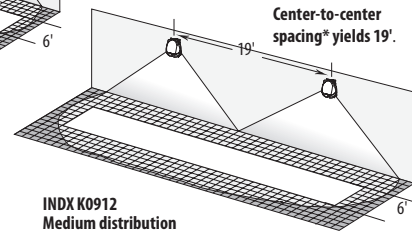
PHOTOMETRICS



PERFORMANCE DIAGRAMS



INDX K0906
Medium distribution



INDX K0912
Medium distribution

*NOTE: Meets Life Safety Code standard minimum illuminance of 0.1 FC and average illuminance of 1.0 FC. Assumes space of 200'L x 200'W, mounting height: 16'; ceiling height: 30'; and reflectances: 10/10/10. Analysis based on independently tested photometrics.