



INDCWLEZU - ALL LED NEMA4X/NSF EXIT & EMERGENCY COMBO



PROJECT: _____
 FIXTURE TYPE: _____
 LOCATION: _____
 CONTACT/PHONE: _____



FEATURES

- NEMA 4X Certified
- NSF Certified
- California Energy Commission (CEC) compliant
- IP66 Rated
- Provides 4.8W, 7.8W and 20.8W of remote capacity with 12W, 15W and 28W models respectively (with lamp heads); provides 11.4W, 14.4W and 27.4W of remote capacity with 12W, 15W and 28W models respectively (without lamp heads); compatible with INDRHLED16 remote heads
- Touchless, magnetically operated test switch
- Easy snap-out, field-selectable chevrons
- Up to 52' on-center spacing

SPECIFICATIONS

Illumination
 Long-life, high-intensity, green or red LEDs. Two 3.3W LED MR16 style lamp heads

Housing
 NEMA 4X rated polycarbonate enclosure, polycarbonate lens and stainless steel hardware

Electrical Input
 120/277VAC Dual primary, 60Hz

Battery
 Maintenance-free sealed lead calcium or NiCad battery

Operating Temp
 12W and 15W Models: 0°C to 50°C (32°F to 122°F) 28W Models: 10°C to 40°C (50°F to 104°F) Cold Location Option: -20°C to 50°C (-4°F to 122°F)

Run Time
 90 Minute emergency run time, 24 hour recharge time

Legend
 Fully illuminated 6" characters with 3/4" stroke

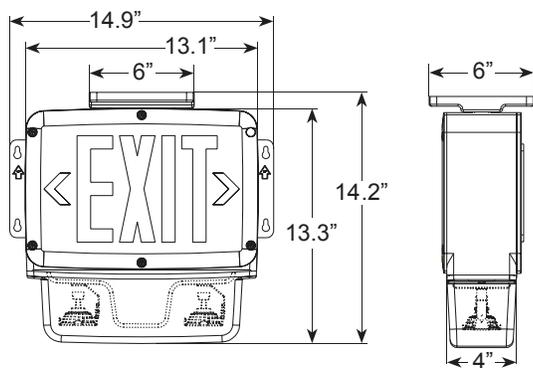
Mounting
 Back, end or top mount

Finishes
 Black or White

Certifications
 UL 924 Listed for Wet Locations Meets NFPA 101 Life Safety Code, NEC, OSHAUL Certified for use in food service operations California Energy Commission (CEC) Title 20 Compliant NEMA 4X and IP66 Rated

Warranty
 Any component that fails due to a manufacturing defect is guaranteed for five years with a separate two year prorated warranty for sealed lead calcium batteries and five year prorated warranty for NiCad batteries. The warranty does not cover physical damage, abuse or instances of uncontrollable natural forces. See the full Mule warranty document for detailed information.

DIMENSIONS



PRODUCT DESCRIPTION

The INDCWLEZU Series is a part of the family of NEMA 4X and NSF certified emergency lighting solutions for extreme commercial and heavy industrial environments. The IND family offers protection against humidity, dust, and water infiltration and is comprised of the INDWLEZU (Exit Sign), INDCWLEZU (Exit Combo), INDEMR16 (Emergency Lighting Unit), and INDRHLED16 (Remote Head). The reinforced polycarbonate enclosure with impact-resistant, UV-stable polycarbonate lens is suitable for vandal-prone areas and Wet Locations.

ORDERING INFORMATION

Model	No. of Faces	Letter Color	Voltage	Wattage	Housing Color	Options
INDCWLEZU	1 = Single ¹ 2 = Double ²	R = Red G = Green	6 = 6 Volts 12 = 12 Volts	12 = 12 Watts 15 = 15 Watts 28 = 28 Watts	W = White B = Black	SDT = Self-Diagnostics CW = Cold Weather ³ TP = Tamper-Proof NH = No Heads

¹Available only in 15W & 28W models. ²Available only in 12W models. ³Available only in 12W & 15W models.

Example: INDCWLEZU1R615B





CONSTRUCTION

The INDCWLEZU Series enclosure is made of UV-stable, reinforced polycarbonate coupled with a polycarbonate lens, corrosion-resistant hardware, and a molded gasket to provide protection for the equipment inside against ingress of solid foreign objects (dust) and water. Stencil letters are 6" high with 3/4" stroke.

ILLUMINATION

Illumination of the INDCWLEZU exit face is achieved with high-output, long-lasting red or green LEDs exceeding UL 924 requirements for brightness and uniformity. An exclusive color-matched diffuser eliminates hot spots and striations, providing optimal light output. Emergency lights feature three LEDs x 1.1W per LED for 3.3W per lamp head that deliver 219 lumens in each MR16 style lamp head to provide optimal center-to-center spacing. The lamp assembly is fully enclosed within a high-abuse polycarbonate lens with an option for tamper-resistant hardware. Compatible with INDRHLED16 single or double remote lamp heads.

ELECTRICAL

Input
 Dual-voltage input 120/277VAC @ 60Hz.

Battery/Charger/Indicator
 Maintenance-free 6V/12V long-life, rechargeable nickel-cadmium batteries for 12W and 15W models. Maintenance-free 6V/12V long-life, rechargeable sealed lead-acid batteries for 28W models. Fully automatic solid-state, two rate charger initiates battery charging to recharge a discharged battery within 24 hours. The internal solid-state transfer switch automatically connects the internal battery to power the LED board for a minimum of 90 minutes of illumination during the loss of utility power. A bi-color LED indicator light alerts occupant on battery condition (Green-normal, Red-check battery).

Test Button
 The INDCWLEZU uses a touchless magnetic test switch (non-AC models only) along with an LED light indicator for code compliance testing.

INSTALLATION

Universal knockout pattern on back provided with gasket for water-tight seal for back mount. Polycarbonate mounting canopy included for ceiling or end mount.

OPTIONS

Cold Location Rated (Option: CW)
 The INDCWLEZU offers a Cold Location option and extends the temperature range to -20°C to 50°C (-4°F to 122°F). This option is ideal for colder climates or freezer/cold room applications.

No Lamp Heads (Option: NH)
 The INDCWLEZU offers a no emergency lamp head option to be used as an exit only with remote capability. Compatible with INDRHLED16 single or double remote lamp heads.

Tamper-Resistant Hardware (Option: TP)
 Tamper-resistant hardware adds an additional layer of protection to the unit, preventing unwanted access to the interior of the unit or removal of the lens.

Guardian Self-Test/Self-Diagnostics (Option: SDT)

The Guardian circuit continuously monitors the operating condition of the AC power, battery supply voltage, emergency lamp continuity and charging circuit. The purpose of this option is to provide visual signaling in response to a fault at the EXIT sign battery and/or battery charger. If a failure is detected, visual status will occur immediately via the CHARGER LED and/or the BATTERY FAULT LED. The LED will stay illuminated until the fault is corrected. The Guardian circuit also monitors the transfer circuit as well as performing automatic code-compliant testing. The Guardian circuit will perform a 30 second discharge and self-test every 30 days. A 60 minute discharge and self-test is performed every 6 months, and a 90 minute discharge and self-test is performed every 12 months.

Red LED	Unit Fault	Corrective Action
Steady	Battery Disconnected	Check Battery Connection
1 Blink	Electronics Failure	Check Battery Then Consult Factory
2 Blinks	Battery Failure	Check Battery Then Consult Factory
3 Blinks	N/A	N/A
4 Blinks	Emergency Lamp	Check Lamp Connections Then Consult Factory
5 Blinks	Remote Lamp	Check Remote Lamp Connections Then Consult Factory

NEMA 4X Rated (Standard)

NEMA 4X rated fixtures are designed for outdoor applications. NEMA 4X rating ensures that the fixtures will withstand contact with falling dirt, moderate or jet-driven water, ice and corrosion. NEMA 4X fixtures are designed to perform in Hose-Down applications.

IP66 Rated (Standard)

IP66 rating ensures that the product can be installed in outdoor applications where significant water or dust may come in contact with the fixture. IP66 rated fixtures are fixtures designed to perform in Hose-Down applications.

NSF Certified (Standard)

NSF certification ensures that the equipment has been evaluated, tested, and certified by NSF International as meeting international commercial food equipment standards and that the product can be installed in food processing applications.

CONFORMANCE TO CODES & STANDARDS

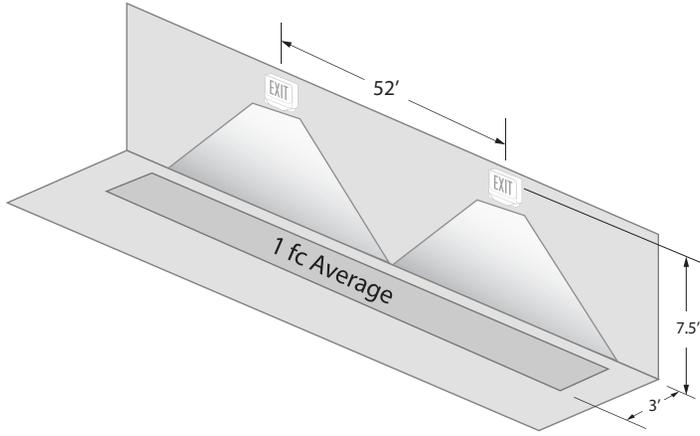
The INDCWLEZU Series is UL Listed for Wet Locations and meets or exceeds the following: NEC requirements and NFPA 101.



SPACING DIAGRAMS

SAMPLE PHOTOMETRICS - 3' PATH OF EGRESS

Using multiple NXFC units mounted at a typical 7.5' height delivers 52' on-center spacing with a 3' wide path of egress using 80/50/20 reflectances.



SAMPLE PHOTOMETRICS - 6' PATH OF EGRESS

Using multiple NXFC units mounted at a typical 7.5' height delivers 48' on-center spacing with a 6' wide path of egress using 80/50/20 reflectances.

