



CLUSTER™ LED UQLXN500-2LED COMBO & ELF652D SERIES

Thermoplastic LED Combination Unit

FEATURES

Housing

- Frame, faceplate, backplate and canopy are made of thermoplastic
- 6 inch EXIT lettering legend, available in Red or Green
- Lamp heads are fully adjustable with no tools required

Mounting

- Surface Mount
- Model includes (2) faceplate, (1) backplate and (1) canopy
- Canopy included for ceiling mount applications
- Backplate features universal knockouts for a standard 4 inch junction box, used in wall mount applications

Finishes

- Available in Mist-White and Black

Chevrons

- Faceplate includes two field-selectable, snap-in/out chevron indicators

Exit Legend LEDs

- Red or Green Long-Life Light Emitting Diodes (LED) illumination

Combination units

- 3.6V Nickel-Cadmium battery

Lamp Head Source

- White LED 3.6V-4W, with life expectancy 50,000+ hours

Self-Diagnostics

- Available

Special Wording Panels

- Not Available

Approvals

- Listed to UL 924 Standards
- UL listed for Damp location (68°F to 86°F, 20°C to 30°C)
- Meets NFPA101 (Life Safety Code), NFPA 70 NEC and OSHA illumination standards

Warranty

- Three-year full warranty (subject to proper installation and maintenance)
- 3.6V Nickel-Cadmium battery, three-year full, three-year pro-rata warranty

POWER CONSUMPTION CHART

| SERIES | CURRENT (A) / POWER (W) | |
|-----------------|-------------------------|--------------|
| | 120VAC, 60Hz | 277VAC, 60Hz |
| UQLXN500R-2LEDR | 0.044/3.56 | 0.037/4.06 |
| UQLXN500G-2LEDR | 0.042/3.2 | 0.036/3.8 |

SPECIFICATIONS

Supply and Install Lightalarms® Cluster™ UQLXN500-2LED Series.

The combination model specified includes (2) faceplate, (1) backplate and (1) canopy. The frame, faceplate, backplate and canopy shall be constructed of inject-molded thermoplastic. Frame, backplate and canopy shall be mist-white. Faceplate shall be mist-white with a (R) red or (G) green legend. Push-to-snap design, allows for no screws being necessary to hold the faceplate(s) or backplate together. The faceplate shall come standard with two field-selectable, removable snap-in/out chevron indicators. The combination model shall be suitable for surface mount, wall or ceiling installations.

The EXIT illumination source shall be Light Emitting Diodes (LED) in (R) red or (G) green color. The LEDs shall provide illumination in normal and emergency operation mode. The LEDs shall be mounted inside the Exit Sign housing. A color matching LED sensitive legend diffuser of (R) red or (G) green, shall be mounted in front of the LEDs to provide the 6" high by ¾" stroke EXIT letters with even illumination and no visible LEDs or hot spots.

Combination model shall be equipped with two white Cluster™ LED glare-free heads with tool-less, adjustable abilities. Combination models shall be 120/277VAC, 60Hz, with a 3.6V power consumption of .1/.05A and supplied with a sealed maintenance-free Nickel-Cadmium battery, providing at least 90 minutes illumination upon AC failure.

When specified, the Combination models with Improved Diagnostics (-ID) shall include a self-test and silent diagnostic function managed by a micro-controller; it shall execute automatic tests for one minute every 30 days, 30 minutes every 60 days and 90 minutes annually. A diagnostic circuit shall continuously monitor the performance of the battery, charger module and LED lamps. When a fault is detected, the pilot light shall change color from green to red and flash with a specific code. The red light is steady-on in case of a battery disconnect; it will flash with one blink for battery failure; two blinks for charger failure and four blinks for LED lamp failure. A label with the diagnostic legend shall be visible next to the pilot light.

The Combination unit shall be tested by the Underwriting Laboratories and listed to UL 924 standards. As well as Evaluated to UL 924 standard (68°F to 86°F, 20°C to 30°C) and meets NFPA101 (Life Safety Code), NFPA 70-NEC and OSHA illumination standards. Includes a Three-year full warranty.

The equipment shall be Lightalarms® Model: _____ .



TYPE _____

CATALOG # _____

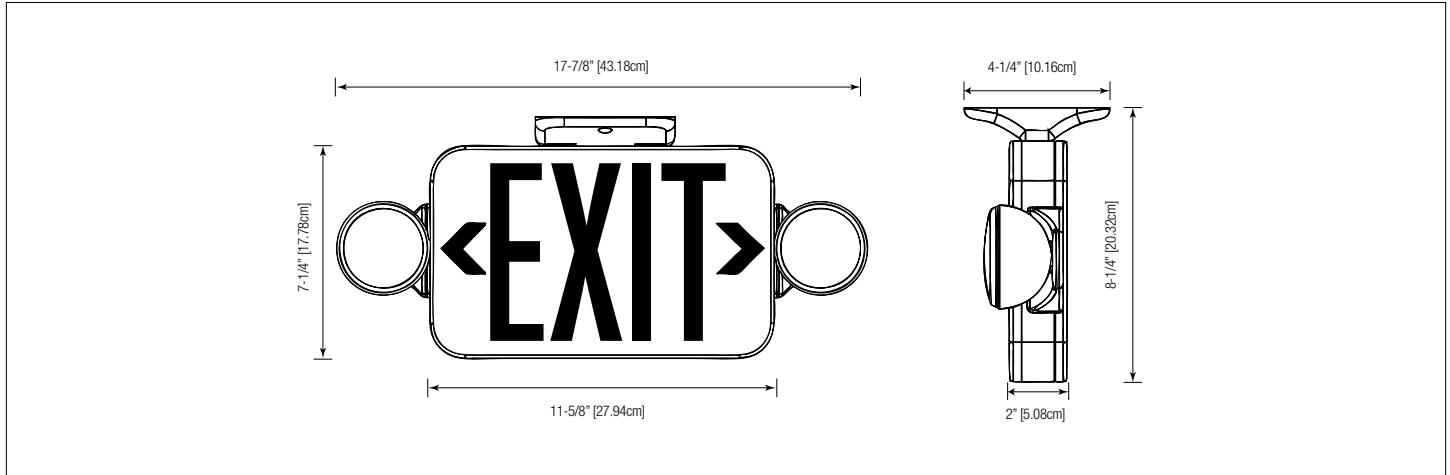
NOTES _____

The Cluster™ LED Family features a Combination unit which includes extra battery capacity to power the Cluster™ LED ELF652D remote head or allow for extended run time.



DIMENSIONS

Dimensions are approximate and subject to change.



ORDERING FORMAT

| SERIES | LEGEND COLOR | LAMP | CAPACITY | COLOR |
|----------|--------------------|--------------------------------|---|-------------------------------|
| UQLXN500 | R= Red G= Green | -2LED= Cluster™ LED head style | Blank= No option R= Remote capacity RID= Remote capacity & Improved-Diagnostics Note: Remote capacity can ONLY be used to power the Cluster™ LED ELF652D/LED Remote Head or to extend the combo's emergency run time beyond the standard 90 minutes. | Blank= Mist-White B= Black |

Example: UQLXN500R-2LEDR

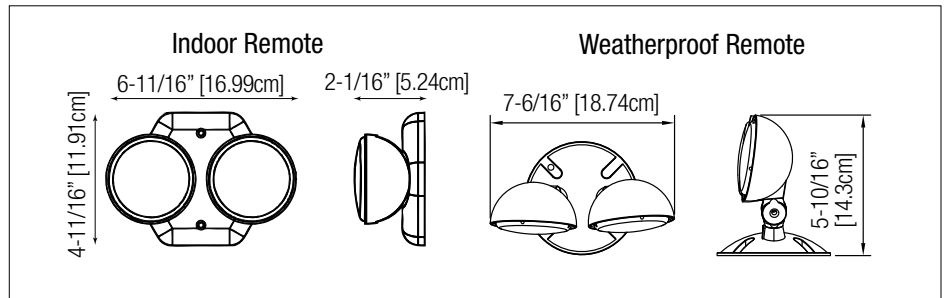
CLUSTER™ LED ELF652D REMOTE HEAD

The Cluster™ LED ELF652D/LED Remote head can ONLY be powered from the UQLXN-2LED combo or LCA 2LED battery units of the same family. Used for internal or external applications, the indoor remote head draws 3.6V-3.6W and Weather-Proof head draws 3.6V-3.8W.



DIMENSIONS

Dimensions are approximate and subject to change.



ORDERING FORMAT

| SERIES | # OF HEADS | LAMP | OPTION |
|--------|----------------|-------------------------------|--|
| ELF652 | D= Double Head | /LED= Cluster™ LED head style | Blank= Indoor Use Only -WP= Weather-Proof |

Example: ELF652D/LED