Lightalarms

Cluster™ LED LCA-2LEDR Unit & ELF652D Remote Head Series

Offered in a family concept, with exit combination units and remote

Housing
- UV stabilized thermoplastic body
- Fully adjustable Cluster™ LED glare-free heads glare-free heads
- Choice of white or black housing

Mounting
- Ceiling or wall mount
- Universal J-box mounting

Lamp Type
- White LED 3.6V-3.6W, with life expectancy 50,000+ hours, 70 lumens per head

Electronics
- Pulse plus charger
- Low voltage disconnect
- Automatic brownout protection
- Battery lock-out
- Fused output circuit
- Optional: Improved Diagnostics
- 120/277 60Hz

Sealed Maintenance-Free Battery
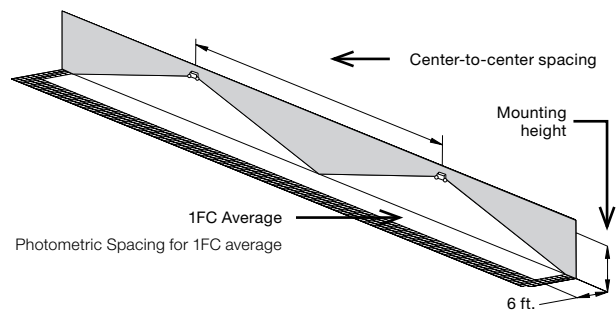3.6V Nickel-Cadmium battery

Approvals
- UL 924 listed
- Damp location 50°F to 104°F (10°C to 40°C)
- UL 94, 5VA flame rated
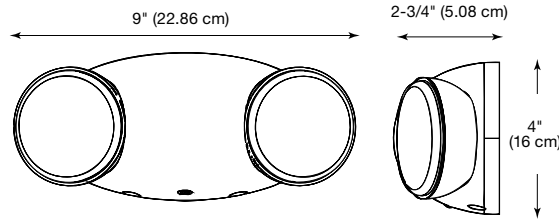- BC- California Energy Commission Title 20

Warranty (subject to proper installation and maintenance)
Three-year full warranty

Detailed warranty terms located on **page 197 or online at: www.lightalarms.com**

(UL) (BC)

Photometric performance

	Spacing center-to-center (feet)	
7 feet mounting height		**15 feet mounting height**
15'		4'

Center-to-center spacing

Mounting height

1FC Average

Photometric Spacing for 1FC average

6 ft.

Dimensions (Dimensions are approximate and subject to change)

9" (22.86 cm)   2-3/4" (5.08 cm)   4" (16 cm)

Power consumption chart

Series	AC Specs 120VAC, 60Hz	DC Specs 277VAC, 60Hz
LCA-2LEDR	0.191/0.92	0.129/1.62

Ordering format - Battery unit

Series	Lamp	Capacity	Color
LCA	**-2LED**= Cluster LED head style	**Blank**= No Remote **R**= Remote capacity[1] **RID**= Remote capacity with Improved Diagnostics[1]	**Blank**= Mist-white **B**= Black
Example: LCA-2LEDR			

[1] Remote Capacity can ONLY be used to power the Cluster™ LED ELF652D Remote Head or the extend the battery units emergency run time beyond the standard 90 minutes.
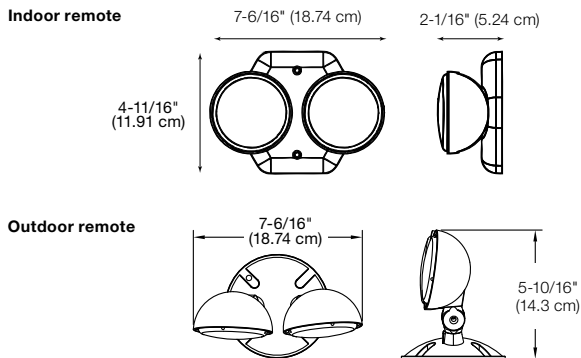
ELF652D/LED Series
Indoor remote head

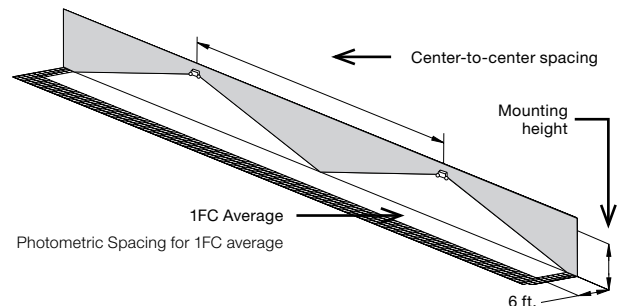# ELF652D/LED-WP Series
Outdoor remote head

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

Indoor remote

7-6/16" (18.74 cm)   2-1/16" (5.24 cm)   4-11/16" (11.91 cm)

Outdoor remote

7-6/16" (18.74 cm)   5-10/16" (14.3 cm)

Ordering format

Series	Number of heads	Lamp	Option
ELF652	D= Double head	**/LED**= Cluster™ LED head style	**Blank**= Indoor use only **-WP**= Weather-proof
Example: ELF652D/LED			

Photometric performance

	Spacing center-to-center (feet)	
7 feet mounting height	**15 feet mounting height**	
15'		4'

Center-to-center spacing

Mounting height

1FC Average

Photometric Spacing for 1FC average

6 ft.