

## LC Series

Steel housing – 6V up to 200W, 12V up to 400W and 24V up to 400W capacities



nexus



### Housing

- Steel housing
- Standard off-white finish, optional black finish
- Choice of MR16 LED lamp wattages
- Heads available in thermoplastic or decorative die-cast aluminum

### Mounting

- Ceiling or wall mount
- Universal J-box mounting

### Electronics

- Pulse plus charger
- Low voltage disconnect

- Automatic brownout protection
- Battery lock-out
- Fused output circuit
- Optional Advanced Diagnostics
- Optional Nexus® monitoring system
- 120/277 60Hz

### Choice of battery

- 6V, 12V or 24V lead-calcium (sealed electrolyte) battery

### Approvals

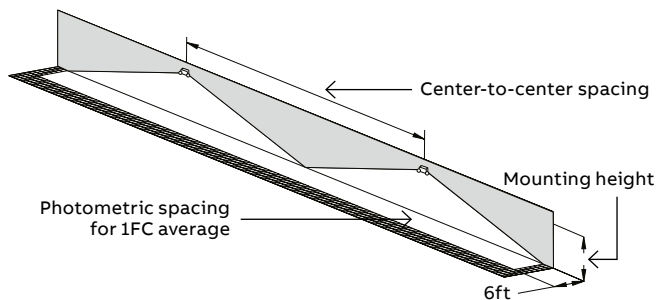
- UL 924 standard
- NYC approved

### Warranty

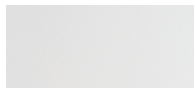
- Unit has a three-year limited warranty
- Detailed warranty terms located on page 178 or online at: [www.emergi-lite.com/usa/files/EL\\_Warranty.pdf](http://www.emergi-lite.com/usa/files/EL_Warranty.pdf)

### Photometric performance

| Lamp | Spacing center-to-center (feet) |                     |
|------|---------------------------------|---------------------|
|      | 7' mounting height              | 15' mounting height |
| LA   | 43'                             | 36'                 |
| LG   | 55'                             | 43'                 |
| LI   | 71'                             | 56'                 |
| LJ   | 100'                            | 85'                 |
| LL   | 56'                             | 44'                 |



### Housing color



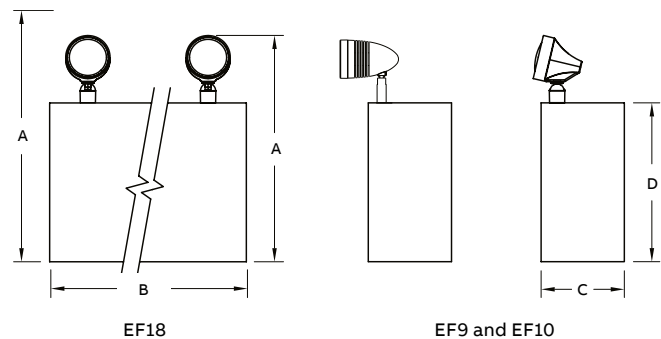
Off white



Black

### Dimensions

Dimensions are approximate and subject to change.



### Cabinet information

| Cabinet size | Dimensions         |         |         |         |
|--------------|--------------------|---------|---------|---------|
|              | A                  | B       | C       | D       |
| B            | 16-3/8" // 14-3/4" | 16-1/8" | 5-7/16" | 10-1/4" |
| C            | 18-3/8" // 16-3/4" | 16-1/2" | 7-1/4"  | 12-1/4" |
| D            | 18-3/8" // 16-3/4" | 27"     | 7-1/4"  | 12-1/4" |

Unit rating

| Sealed maintenance-free battery types  | DC voltage | Model number | Battery capacity in watts |       |       |       | # of load fuses | Cabinet size |
|--|------------|--------------|---------------------------|-------|-------|-------|-----------------|--------------|
|  |            |              | 1 1/2 hrs                 | 2 hrs | 3 hrs | 8 hrs |                 |              |
| Lead-calcium (immobilized electrolyte) | 6          | LC87         | 87                        | 70    | 41    | 24    | 2               | B            |
|  | 6          | LC100        | 100                       | 77    | 47    | 24    | 2               | C            |
|  | 6          | LC175        | 175                       | 140   | 82    | 48    | 2               | C            |
|  | 6          | LC200        | 200                       | 168   | 96    | 48    | 2               | C            |
|  | 12         | 12LC150      | 150                       | 120   | 66    | 36    | 2               | C            |
|  | 12         | 12LC175      | 175                       | 140   | 85    | 48    | 2               | C            |
|  | 12         | 12LC200      | 200                       | 168   | 96    | 48    | 2               | C            |
|  | 12         | 12LC300      | 300                       | 240   | 132   | 72    | 2               | D            |
|  | 12         | 12LC350      | 350                       | 280   | 170   | 96    | 2               | D            |
|  | 12         | 12LC400      | 400                       | 336   | 192   | 95    | 2               | D            |
|  | 24         | 24LC300      | 300                       | 240   | 132   | 72    | 2               | D            |
|  | 24         | 24LC350      | 350                       | 280   | 168   | 96    | 2               | D            |
|  | 24         | 24LC400      | 400                       | 336   | 192   | 96    | 2               | D            |

Accessories (order as a separate item)

| Description                        | Suffix |
|------------------------------------|--------|
| Mounting bracket (cabinet B)       | B2     |
| Mounting shelves (cabinet B)       | MP3-EG |
| Mounting shelves (cabinet C)       | MP6-EG |
| Mounting shelves (cabinet D)       | MP12   |
| Wire guard (cabinet B & cabinet C) | WG3-E  |
| Wire guard (cabinet D)             | WG4-E  |

How to order

| Color            | Series/capacity                | # of lamps  | Head style                    | Lamp type            | Options  |
|------------------|--------------------------------|-------------|-------------------------------|----------------------|--|
| Blank= Off white | LC87= 6V-87W lead-calcium      | -0= No head | 10= EF10 (small plastic MR16) | LA= 6V-4W, LED MR16  | Blank= No options  |
| B= Black         | LC100= 6V-100W lead-calcium    | -1= 1 head  | 150= EF150 (MR16 lamp heads)  | LG= 12V-4W, LED MR16 | -AD= Advanced Diagnostics (audible) <sup>1</sup>                         |
|                  | LC175= 6V-175W lead-calcium    | -2= 2 heads |                               | LI= 12V-5W, LED MR16 | -ADNA= Advanced Diagnostics (non-audible) <sup>1</sup>                   |
|                  | LC200= 6V-200W lead-calcium    | -3= 3 heads |                               | LJ= 12V-6W, LED MR16 | -NEX= Nexus® wired (contact your sales representative) <sup>1</sup>      |
|                  | 12LC150= 12V-150W lead-calcium |             |                               | LL= 24V-4W, LED MR16 | -NEXRF= NEXUS® wireless (contact your sales representative) <sup>1</sup> |
|                  | 12LC175= 12V-175W lead-calcium |             |                               |                      | -C= Line cord 120V 3 feet  |
|                  | 12LC200= 12V-200W lead-calcium |             |                               |                      | -D3= Time delay (15 minutes)   |
|                  | 12LC300= 12V-300W lead-calcium |             |                               |                      |  |
|                  | 12LC350= 12V-350W lead-calcium |             |                               |                      |  |
|                  | 12LC400= 12V-400W lead-calcium |             |                               |                      |  |
|                  | 24LC300= 24V-300W lead-calcium |             |                               |                      |  |
|                  | 24LC350= 24V-350W lead-calcium |             |                               |                      |  |
|                  | 24LC400= 24V-400W lead-calcium |             |                               |                      |  |

Example: LC87-310LA

<sup>1</sup>Minimum load required: 20% of unit load capacity