

LS Series

6 and 12 volt steel enclosure



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

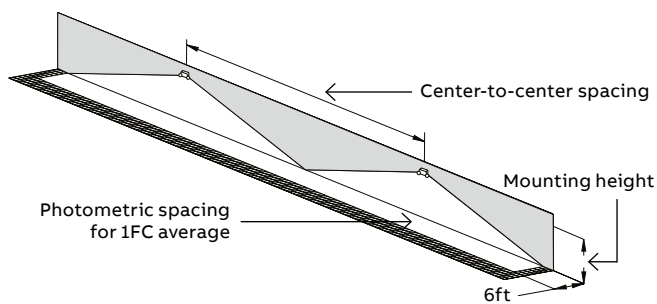
- Ceiling or wall mount
- Universal J-box mounting

Electronics

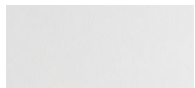
- Pulse plus charger
- Low voltage disconnect
- Automatic brownout protection

Photometric performance

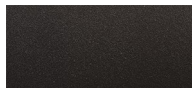
| Lamp | Spacing center-to-center (feet) | |
|------|---------------------------------|---------------------|
| | 7' mounting height | 15' mounting height |
| LA | 43' | 36' |
| LB | 81' | 64' |
| LG | 55' | 43' |
| LI | 71' | 56' |
| LJ | 100' | 85' |
| LL | 56' | 44' |



Housing color



Off white



Black

- 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 battery
- 6V, 12V or 24V nickel-cadmium battery

Approvals

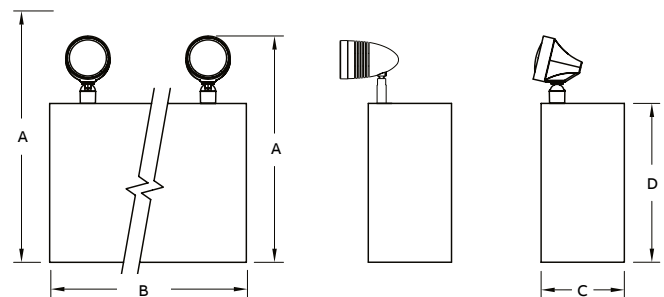
- UL 924 standard
- NYC approved

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

Dimensions

Dimensions are approximate and subject to change.



EF150 and EF10

Cabinet information

| Cabinet size | Dimensions | | | |
|--------------|--------------------|---------|---------|---------|
| | A | B | C | D |
| A | 14-5/8" // 13" | 12-3/4" | 3-1/8" | 8-1/2" |
| 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" |

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 | 4 hrs | | |
| Lead-calcium | 6 | LSM18 | 12 | 12 | 10 | 7 | 1 | A |
| Nickel-cadmium | 6 | LSC18 | 18 | 12 | 9 | 6 | 1 | A |
| | | | 1 1/2 hrs | 2 hrs | 3 hrs | 4 hrs | | |
| Lead-calcium | 6 | LSM27 | 27 | 18 | 10 | 6 | 1 | A |
| | 6 | LSM36 | 36 | 25 | 14 | 7 | 1 | A |
| | 6 | LSM54 | 54 | 37 | 21 | 12 | 1 | A |
| | 6 | LSM81 | 81 | 54 | 36 | 18 | 2 | B |
| | 6 | LSM110 | 110 | 72 | 40 | 24 | 2 | B |
| | 6 | LSM162 | 162 | 108 | 60 | 48 | 2 | C |
| | 6 | LSM200 | 200 | 144 | 80 | 48 | 2 | C |
| | 12 | 12LSM36 | 36 | 25 | 14 | 7 | 1 | A |
| | 12 | 12LSM54 | 54 | 37 | 21 | 12 | 1 | A |
| | 12 | 12LSM110 | 110 | 72 | 40 | 24 | 2 | B |
| | 12 | 12LSM162 | 162 | 108 | 60 | 36 | 2 | C |
| | 12 | 12LSM220 | 220 | 144 | 80 | 48 | 2 | C |
| | 24 | 24LSM110 | 110 | 72 | 40 | 24 | 2 | B |
| | 24 | 24LSM220 | 220 | 144 | 80 | 48 | 2 | C |
| Nickel-cadmium | 6 | LSC25 | 25 | 18 | 9 | – | 1 | A |
| | 12 | 12LSC36 | 36 | 21 | 12 | 6 | 1 | A |
| | 12 | 12LSC50 | 50 | 36 | 18 | 10 | 1 | A |
| | 24 | 24LSC100 | 100 | 73 | 37 | 20 | 2 | B |
| | 24 | 24LSC72 | 72 | 42 | 24 | 12 | 2 | B |
| | 24 | 24LSC100 | 100 | 73 | 37 | 20 | 2 | B |

Accessories (order as a separate item)

| Description | Suffix |
|------------------------------------|--------|
| Mounting bracket (cabinet A) | B1 |
| Mounting bracket (cabinet B) | B2 |
| Mounting shelves (cabinet B) | MP3-EG |
| Mounting shelves (cabinet C) | MP6-EG |
| Wire guard (cabinet A) | WG2-E |
| Wire guard (cabinet B & cabinet C) | WG3-E |

How to order

| Color | Series/capacity | # of lamps | Head style | Lamp type/wattage | Options |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Blank= Off white B= Black | LSM Series LSM18= 6V-18W lead-calcium LSM27= 6V-27W lead-calcium LSM36= 6V-36W lead-calcium LSM54= 6V-54W lead-calcium LSM81= 6V-81W lead-calcium LSM110= 6V-110W lead-calcium LSM162= 6V-162W lead-calcium LSM200= 6V-200W lead-calcium 12LSM36= 12V-36W lead-calcium 12LSM54= 12V-54W lead-calcium 12LSM110= 12V-110W lead-calcium 12LSM162= 12V-162W lead-calcium 12LSM220= 12V-220W lead-calcium 24LSM110= 24V-110W lead-calcium 24LSM220= 24V-220W lead-calcium LSC Series LSC18= 6V-18W nickel-cadmium LSC25= 6V-25W nickel-cadmium 12LSC36= 12V-36 nickel-cadmium 12LSC50= 12V-50W nickel-cadmium 12LSC72= 12V-72W nickel-cadmium 24LSC72= 24V-72W nickel-cadmium 24LSC100= 24V-100W nickel-cadmium | -0= No head -1= 1 head -2= 2 heads -3= 3 heads | 10= EF10 (small plastic MR16) 150= EF150 (MR16 lamp heads) | LA= 6V-4W, MR16 LED LB= 6V-5W, MR16 LED LG= 12V-4W, MR16 LED LI= 12V-5W, MR16 LED LJ= 12V-6W, MR16 LED LL= 24V-4W, MR16 LED | Blank= No options -AD= Advanced Diagnostics (audible) ¹ -ADNA= Advanced Diagnostics (non-audible) ¹ -NEX= Nexus® wired (contact your sales representative) ¹ -NEXRF= NEXUS® wireless (contact your sales representative) ¹ -C= Line cord 120V 3 feet -D3= Time delay (15 minutes) |

Example: BLSC18-110LA-AD

¹Minimum load required: 20% of load capacity, not available on LSM200 models