

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

- 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

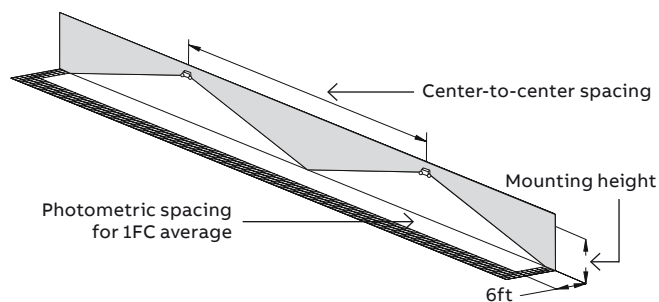
- UL 924 standard
- NYC approved

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

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



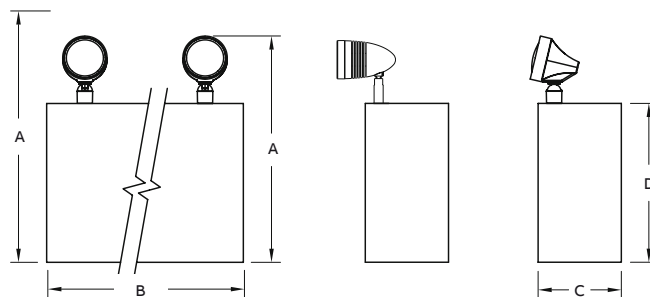
Off white



Black

Dimensions

Dimensions are approximate and subject to change.



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		Model number	Battery capacity in watts				# of load fuses	Cabinet size
	DC voltage		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
Lead-calcium			1 1/2 hrs	2 hrs	3 hrs	8 hrs		
	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 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) -NEXRF = NEXUS® wireless (contact your sales representative) -C = Line cord 120V 3 feet -D3 = Time delay (15 minutes)

Example: BLSC18-110LA-AD

¹Minimum load required: 20% of load capacity