



MG & MN Series

Steel housing 6V and 12V up to 36W capacities



		
Available Head Style Choices:	ELF3	DR130
Head Style Suffix:	/ELF3	/DR130

BATTERY UNITS

Housing

- Steel housing
- Standard mist white finish, optional black finish
- Choice of MR16 LED lamp voltages and 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 Improved Diagnostics
- Optional Nexus®Pro IoT monitoring system
- Optional Nexus® wireless monitoring system
- 120/277 60Hz

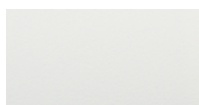
Photometric performance

Lamp	Spacing center-to-center (feet)	
	7 feet mounting height	15 feet mounting height
LD1	43'	36'
LD2	81'	64'
LD7	55'	43'
LD9	71'	56'
LD10	100'	85'

Housing color



Black



Mist White

Choice of Battery

- 6V or 12V Lead-Calcium battery
- 6V or 12V Nickel-Cadmium battery

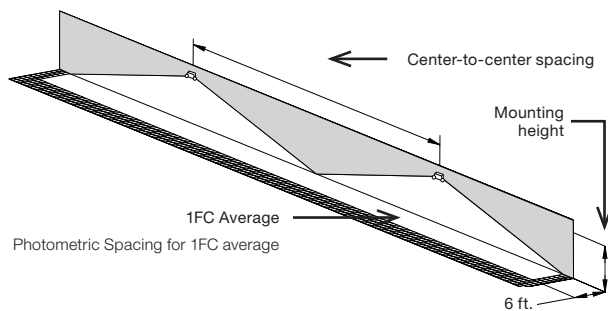
Approvals

- UL 924 Standard
- BC – California Energy Commission Title 20

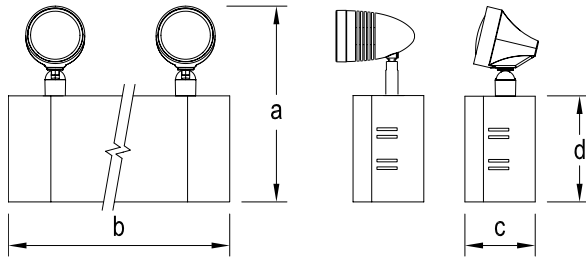
Warranty (subject to proper installation and maintenance)

Unit: three-year limited warranty

Detailed warranty terms located on [page 197](#) or online at: www.lightalarms.com



Dimensions (Dimensions are approximate and subject to change)



Cabinet dimensions

Units	Cabinet	a	b	c	d
50W and under	S	11-3/8"	11"	3-1/2"	5-1/4"
54W and higher	L	12-3/8" 10-3/4"	12-1/2"	4"	6-1/4"

Power consumption chart - Non-CEC models

Series	Battery	Voltage	DC Specs				AC Specs	
			Battery capacity (in watts)				Units dual voltage ¹	Current Maximum
			90 Mins	2 Hrs	3 Hrs	4 Hrs		
MG18	Lead-Calcium	6V	18	12	0	120VAC 277VAC	0.3A 0.15A	
MG1		6V	27	18	14			0
M12G1		12V	36	25	20			14
MN1	Nickel-Cadmium	6V	25	18	12	120VAC 277VAC	0.3A 0.15A	
M12N1		12V	36	21	15			12
M12N2		12V	50	36	25			18

¹ All units 120/277 dual voltage, information based on wiring to specific voltage type

Power consumption chart - CEC models

Series	Battery	Voltage	DC Specs				AC Specs		
			Battery capacity (in watts)				Units dual voltage ¹	Current Maximum	Stand-by power
			90 Mins	2 Hrs	3 Hrs	4 Hrs			
MG18	Lead-Calcium	6V	18	12	9	120/277VAC	0.09/0.04A	0.62W	
MG1		6V	27	18	14				0
M12G1		12V	36	24	18				13

¹ All units 120/277 dual voltage, information based on wiring to specific voltage type

Accessories (Order as a separate item)

Description	Product code
Mounting platform	MP-PQA
Wire guard (S cabinet)	WG1-L
Wire guard (L cabinet)	WG2-L
Wire guard (Front mounted heads)	WG10-L

Ordering format

Number of heads	Series/Capacity	Head style	Lamp type	Housing color	Options	Approval			
0= No Heads	Lead-Calcium battery	/ELF3= ELF3 (MR16, Plastic)	LD1= 6V-4W MR16 LED	-M= Mist white -B= Black	Blank= No Options -ID= Improved Diagnostics (audible) ¹ -IDNA= Improved Diagnostics (non audible) ¹ -FM= Front mounted heads -NEXP= Nexus [®] Pro IoT (consult your sales representative) -NEXRF= Nexus [®] Wireless (contact your sales representative) -T3= Time delay (15 minute) ² -FM= Front mounted heads -3CP= 120V Cord & plug, 3 wire, 3ft long ³ -3CP277= 120V cord & plug 3 wire, 3 ft. long ³	-CEC= CEC Title 20 for California ⁴			
2= Two Heads							MG18= 6V-18W	/DR130= DR130 (MR16, Metal)	LD2= 6V-5W MR16 LED
3= Three Heads							MG1= 6V-27W M12G1= 12V-36W		
	Nickel-Cadmium battery								
	M12N1= 12V-36W M12N2= 12V-50W								

Example: 2MG18/ELF3-LD1-M-ID

¹ -ID & -IDNA include a time delay feature that can be enabled/disabled in the field or set by the factory by including -ID-TD* or -IDNA-TD*

² Time delay only available with ID, IDNA, NEXP or NEXRF models

³ -3CP custom lengths available. Consult your sales representative

⁴ Must chose ID, IDNA, NEXP or NEXRF