

Grande™ Compact Series

Thermoplastic housing 6V up to 12W & 12V up to 24W capacities



Grande™ Thermoplastic Family



Grande™ Exit series
PG. 36-37



Grande™
Combo series
PG. 38-39



Grande™
Battery series
PG. 90-91



ELF640 &
ELF650
Remote series
PG. 136-137

Housing

- White or black UV stabilized thermoplastic enclosure
- Clear polycarbonate lens covers

Mounting

- Wall mount
Optional: ceiling mount and pendant mount
- Universal J-box mounting

Lamp type

- Choice of MR16 LED lamp wattages

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® monitoring system
- 120/277 60Hz

Photometric performance

Lamp	Spacing center-to-center (feet)	
	7 Feet Mounting height	15 Feet mounting height
LD1	39'	34'
LD2	74'	57'
LD7	49'	39'
LD9	68'	54'
LD10	89'	80'

Choice of battery

- 6V or 12V Lead-calcium battery
- 6V or 12V Nickel-metal hydride

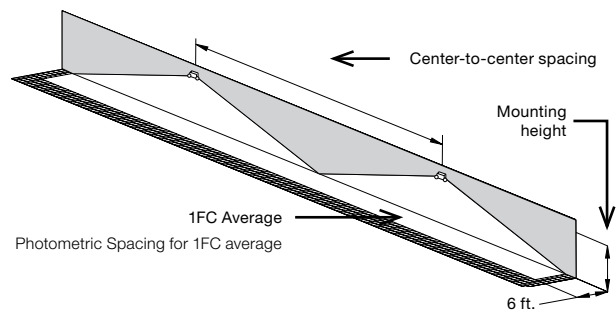
Approval

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

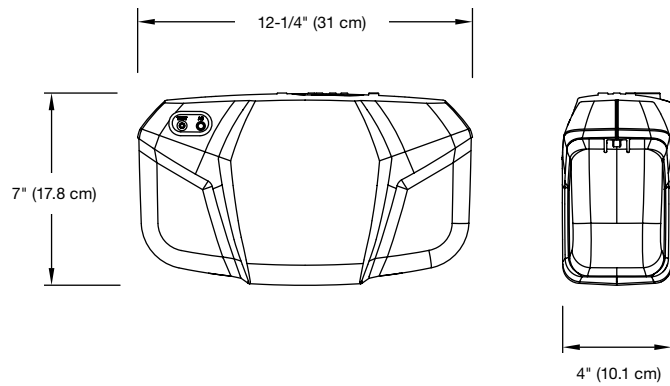
Warranty (subject to proper installation and maintenance)

- Unit has a five-year full warranty

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



Dimensions (Dimensions are approximate and subject to change)



Power consumption chart - Non-CEC models

AC Specs				DC Specs				
Series	AC input	Current draw	Battery	Voltage	87.5% Battery capacity (in watts) ¹			
					90 Mins	2 Hrs	3 Hrs	4 Hrs
MGRH1	120/277	0.21 / 0.5A	Nickel-Metal Hydride	6V-12W	12W	9W	6W	4W
MGR12H1		0.12 / 0.5A		12V-12W	12W	9W	6W	4W
MGR12H2		0.12 / 0.5A		12V-24W	24W	18W	12W	8W

¹ National Electrical Code Specification

Power consumption chart - CEC models

AC Specs				DC Specs				
Series	AC input	Current draw	Battery	Voltage	87.5% Battery capacity (in watts) ¹			
					90 Mins	2 Hrs	3 Hrs	4 Hrs
MGRA1	120/277	0.12 / 0.5A	Lead-Calcium	6V-10W	10W	7.5W	5W	3.3W
MGR12A1		0.20 / 0.09A		12V-12W	12W	9W	6W	4W
MGR12A2		0.20/ 0.09A		12V-20W	20W	15W	10W	6.5W

¹ National Electrical Code Specification

Ordering format

Number of heads	Series/Capacity	Lamp/Wattage	Housing color	Diagnostic	Options	Approval
Blank = No heads	MGRA1 = 6V-10W	/LD1 = 6V-4W	-M = Mist white	Blank = Standard	Blank = No option	-CEC = CEC
2 = Two heads	Lead-Calcium	/LD2 = 6V-5W	-B = Black	-ID = Improved Diagnostics (audible)	-CM = Ceiling mount	Title 20 for California ⁵
	MGR12A1 = 12V-12W	/LD7 = 12V-4W		-IDNA = Improved Diagnostics (non audible)	-DL = Damp locations ²	
	Lead-Calcium	/LD9 = 12V-5W		-NEX = Nexus [®] wired compatible ¹	-LC = Line cord (120V only)	
	MGR12A2 = 12V-20W	/LD10 = 12V-6W		-NEXP = Nexus [®] Pro IoT ¹	-PM = Pendant mount ³	
	Lead-Calcium			-NEXRF = Nexus [®] wireless ¹	-T3 = Time delay (15 minute)	
	MGRH1 = 6V-12W Ni-MH				-ZU = 120/208/220-240V 50/60Hz input ⁴	
	MGR12H1 = 12V-12W NiMH					
	MGR12H2 = 12V-24W NiMH					

Example: 2MGRA1LD1M

¹ Consult your sales representative

² Not available in MGRA1

³ Pendant kit sold separately

⁴ Not available with -NEX and -NEXRF

⁵ Available with lead-calcium models only