Lightalarms

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

Choice of battery
• 6V or 12V Lead-calcium battery
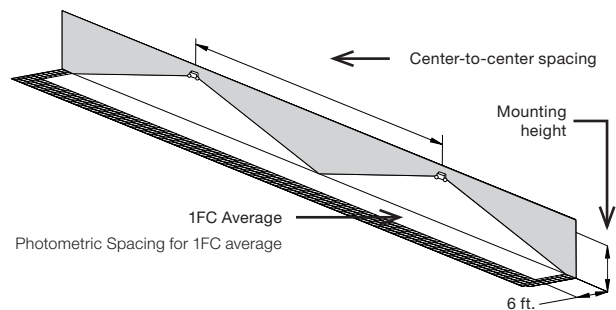• 6V or 12V Nickel-metal hydride

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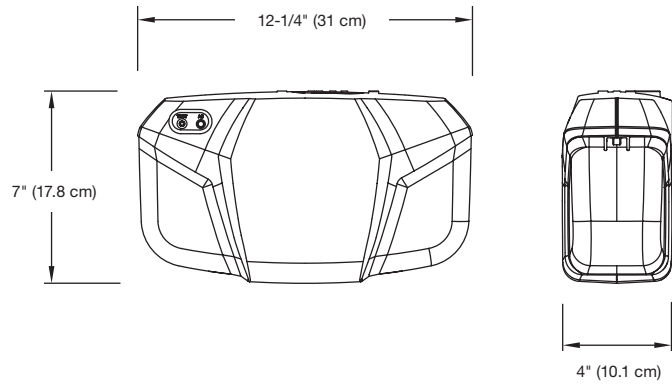• BC – California Energy Commission Title 20

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**

nexus · **id** improved diagnostics · **UL** · **BC** · Nexus®Pro · ✳

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'

Center-to-center spacing

Mounting height

1FC Average

Photometric Spacing for 1FC average

6 ft.

Dimensions (Dimensions are approximate and subject to change)

12-1/4" (31 cm)

7" (17.8 cm)

4" (10.1 cm)

Power consumption chart - Non-CEC models

| | AC Specs | | | | DC Specs | | | |
| | | | | | 87.5% Battery capacity (in watts)[1] | | | |
Series	AC input	Current draw	Battery	Voltage	90 Mins	2 Hrs	3 Hrs	4 Hrs
MGRH1		0.21 / 0.5A		6V-12W	12W	9W	6W	4W
MGR12H1	120/277	0.12 / 0.5A	Nickel-Metal Hydride	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 | | | |
| | | | | | 87.5% Battery capacity (in watts)[1] | | | |
Series	AC input	Current draw	Battery	Voltage	90 Mins	2 Hrs	3 Hrs	4 Hrs
MGRA1		0.12 / 0.5A		6V-10W	10W	7.5W	5W	3.3W
MGR12A1	120/277	0.20 / 0.09A	Lead-Calcium	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 **2**= Two heads	**MGRA1**= 6V-10W Lead-Calcium **MGR12A1**= 12V-12W Lead-Calcium **MGR12A2**= |12V-20W Lead-Calcium **MGRH1**= 6V-12W Ni-MH **MGR12H1**= 12V-12W NiMH **MGR12H2**= 12V-24W NiMH	**/LD1**= 6V-4W **/LD2**= 6V-5W **/LD7**= 12V-4W **/LD9**= 12V-5W **/LD10**= 12V-6W	**-M**= Mist white **-B**= Black	**Blank**= Standard **-ID**= Improved Diagnostics (audible) **-IDNA**= Improved Diagnostics (non audible) -**NEXP**= Nexus®Pro IoT[1] -**NEXRF**= Nexus® wireless[1]	**Blank** = No option **-CM** = Ceiling mount **-DL** = Damp locations[2] **-LC** = Line cord (120V only) **-PM** = Pendant mount[3] **-T3**= Time delay (15 minute) **-ZU** = 120/208/220-240V 50/60Hz input[4]	**-CEC**= CEC Title 20 for California[5]

Example: 2MGRA1LD1M

[1] Consult your sales representative
[2] Not available in MGRA1
[3] Pendant kit sold separately
[4] Not available with -NEXRF
[5] Available with lead-calcium models only