

# Grande™ Series

## Thermoplastic Combination Unit

The **Grande™ Series** of combination units (unit equipment with an exit sign) are designed with aesthetics, ease of installation and performance in mind.



### Features

- One-pack combination of battery unit and exit sign, a compact and contemporary design
- Durable injection-molded thermoplastic housing with push-to-snap design
- Available in single or double face configurations both with means for ceiling mounting
- Comes with the Lumacell Grande™ EZ2 canopy and field-selectable snap in/out chevrons for quick and easy installation
- Exit sign module illuminated by long-life ALINGAP red LEDs
- Two MR16 halogen lamps, shielded by a clear polycarbonate cover
- Optional MR16 LED lamps with life expectancy 50,000+ hours
- Sealed, maintenance-free, Lead-Calcium or Nickel-Metal-Hydride batteries
- Remote load capacity, up to 92Watts
- Dual voltage input: 120/347 VAC or 120/277 VAC.
- Optional advanced diagnostic circuitry, flasher/buzzer, fire alarm activated flasher
- Optional vandal resistant shield with tamper proof screws
- Certified CSA C22.2 No141
- Certified CSA C860-01



### Typical Specifications

Supply and install the Grande™ Series combination of unit equipment and exit sign. The standard equipment shall operate with a dual voltage input of 120/347VAC. The unit shall be suitable for wall or ceiling mount. The unit frame and face plates shall be made of injection-molded durable high-impact thermoplastic and come standard with snap in/out chevrons. No screws are necessary to hold the faceplate or backplate to the housing. The one piece thermoplastic frame is molded in white (optional black). The faceplates shall feature a uniformly illuminated legend. The light source shall be light emitting diodes (LED) and shall provide illumination in normal and emergency operation and shall be mounted inside the combination housing. Red LED technology shall be ALINGAP. An LED-sensitive diffuser shall be mounted behind the legend to provide the 6" high by 3/4" stroke letters with even illumination. The unit shall be equipped with two emergency heads with tool-less adjustable swivels (lamps of 12W or less) and long-life MR-16 halogen

lamps of \_\_\_ V and \_\_\_ W. Each lamp shall be protected by a snap-on, shock-absorbent, transparent polycarbonate cover.

The unit shall be equipped with a test switch and a green pilot light, located on the face plate above the EXIT legend. The battery charger shall be driven by a micro-controller. All electronic circuitry (charger, LED driver, LED's) shall be installed on a single printed circuit board PCB. The unit equipped with self-testing / self-diagnostic features shall automatically self test for one minute every 30 days, 10 minutes in the 6th month and 30 minutes annually. When a fault is detected, the bi-color pilot-light shall turn from green to red and shall flash, identifying the source of the failure: battery, charger circuitry, lamp load, LED strip. The exit sign module shall be CSA-C860 approved.

The combo unit shall be Lumacell model:

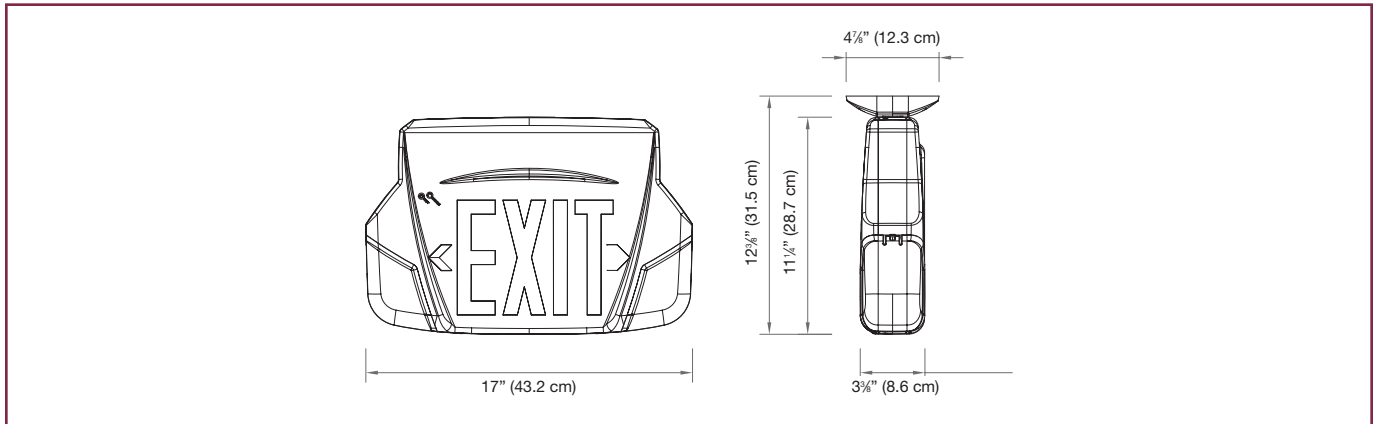
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Project / Location		Date
Contractor	Prepared by	
LUMACELL Model		



## GRANDE™ SERIES

### Dimensions



### Power Consumption and Unit Rating

Model	AC Specs	Wattage Capacity					
		30min	1h00	1h30	2h00	4h00	
Exit Sign module	120 / 347Vac	Less than 2W	-	-	-	-	-
2L		0.11/0.04 Amp	20	15	12	8	-
5L			50	30	24	16	8
12L5			50	30	24	16	8
12H5			50	36	24	18	9
12H10			100	72	48	36	18

### Ordering Information

Series	Faces	# of Heads	Head Style Wattage	Colour	Voltage	Legend	Options
<b>2L</b> = 6V-20W Lead cal	<b>GRA1</b> = single face ceiling or wall mount	<b>Blank</b> = no heads	<b>M6</b> = 6V6W MR16	<b>W</b> = factory white	<b>2</b> = 120/277VAC	<b>Blank</b> = red letters	<b>Blank</b> = no options
<b>5L</b> = 6V-50W Lead cal	<b>GRA2</b> = double face ceiling mount	<b>2</b> = two heads	<b>M10</b> = 6V or 12V 10W MR16	<b>B</b> = black	<b>3</b> = 120/347VAC	<b>G</b> = green letters	<b>AT</b> = auto test
<b>12L5</b> = 12V-50W Lead cal	<b>GRA1N</b> = single face wall mount (less canopy)		<b>M12</b> = 12V12W MR16				<b>ATN</b> = auto test non-audible
<b>12H5</b> = 12V-50W Nimh			<b>LD7</b> = 12V4W LED MR16				<b>T3</b> = 15 min time delay
<b>12H10</b> = 12V-100W Nimh	<b>GRAU</b> = universal 2 faces backplate and canopy						<b>FZ</b> = flasher buzzer
							<b>FA</b> = fire alarm activated flasher
							<b>FBF</b> = flasher buzzer + fire alarm activated flasher
							<b>VRTP</b> = polycarbonate shield with tamper proof screws
							<b>TP</b> = tamper proof screws
							<b>BA</b> = brushed aluminum exit stencil
							<b>990.0119-L</b> = tamper proof bit* *One bit per order sold separately

EXAMPLE: 2LGRA22M6W3