

Project/Location: _____
 Contractor: _____
 Date: _____
 Prepared by: _____
 Lumacell Model: _____

GRANDE™ Series

Thermoplastic Combination Unit



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™ E22 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
- Up to 100W capacity for emergency lights
- Dual voltage input: 120/347VAC or 120/277VAC
- 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



nexus®

TYPICAL SPECIFICATIONS

Supply and install the Lumacell® 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.

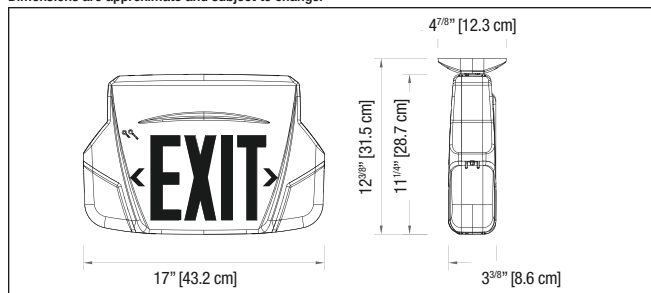
The combo unit shall be Lumacell® Model: _____

WIRE GUARDS

450.0078-L	Wall Mount
------------	------------

DIMENSIONS

Dimensions are approximate and subject to change.



POWER CONSUMPTION

MODEL	AC SPECS	WATTAGE CAPACITY					
		30MIN	1H	1H30	2H	4H	
Exit Sign module	Less than 2W	-	-	-	-	-	
2L	120/347VAC	0.11/0.04 A	20	15	12	8	-
5L			50	30	24	16	8
12L5		0.22/0.08 A	50	30	24	16	8
12H5	50		36	24	18	9	
12H10	100		72	48	36	18	

IN THE SAME FAMILY: THERMOPLASTIC

	- Grande™ Series Thermoplastic Exit Unit p. 52		- Grande™ Series Thermoplastic Battery Unit p. 108-109
--	---	--	---

ORDERING INFORMATION

SERIES	FACES	# OF HEADS	HEAD STYLE / WATTAGE	COLOUR	VOLTAGE	LEGEND COLOUR	OPTIONS
2L = 6V-20W Lead-Calcium	GRA1 = single face ceiling or wall mount	Blank = no heads 2 = two heads	M6 = 6V-6W, MR16 M10 = 6V or 12V-10W, MR16 M12 = 12V-12W, MR16 LD1 = 6V-4W LED, MR16 LD7 = 12V-4W LED, MR16 LD9 = 12V-5W LED, MR16	W = white B = black	2 = 120/277VAC 3 = 120/347VAC	Blank =red letters G = green letters	AT = auto-test ATN = auto-test (non-audible) T3 = time delay (15 minutes) VRTP = polycarbonate shield with tamper proof screws TP = tamper proof screws BA = brushed aluminum exit stencil 990.0119-L = tamper proof bit* NEX = NEXUS® system interface** NEXRF = wireless NEXUS® system interface
5L = 6V-50W Lead-Calcium	GRA2 = double face ceiling mount						
12L5 = 12V-50W Lead-Calcium	GRA1N = single face wall mount (less canopy)						
12H5 = 12V-50W NiMH	GRAU = universal 2 faces backplate and canopy						
12H10 = 12V-100W NiMH							

EXAMPLE: 2LGRA22M6W3