

Genesis Series

Die-Cast Aluminum Exit Sign

Premium, specification-grade die-cast LED exit sign.



Features

- Durable, powder-coated die-cast construction
- Slim contoured body design with brushed aluminum faceplate (single or double face option)
- Diagnostic/self-test feature comes standard on all self-powered units
- Universal mounting – wall, end or ceiling mounting
- 100% bright, even illumination in both normal and emergency operation
- Long-life, energy-efficient, **AllnGaP** technology LED light source reduces maintenance and energy costs
- Energy efficient – consumes less than 3watts
- Maintenance-free, long-life sealed nickel cadmium battery
- Normal AC and emergency DC operation – 120 to 347volts universal AC input; 6 to 48volts universal DC input
- **NEXUS**[®] compatible (for more information on **NEXUS**[®], please consult the factory)
- CSA certified, meets or exceeds C860 requirements

N E X U S



Typical Specification

Supply and install the Lumacell LER800 Series LED exit signs. The equipment shall operate with universal two-wire AC input voltage from 120Vac to 347Vac at less than 3watts and universal two-wire DC input voltage from 6Vdc to 48Vdc at less than 1.5watts for single and double face signs. The faceplate(s) and the back plate shall snap together and shall be made of die cast aluminum. The light source shall be light emitting diodes (LED). The LED lamps shall provide illumination in normal and emergency operation and shall be mounted inside the exit on a plastic frame/reflector.

Red LED technology shall be **AllnGaP**. An LED-sensitive diffuser shall be mounted behind the legend to provide the 6” high by 3/4” stroke letters with even illumination.

The self-powered model shall stay illuminated during emergency operation for at least 90 minutes (red) and at least 60 minutes (green) upon AC failure. The selfpowered model shall include self-testing and self-diagnostic functions: the equipment shall automatically test itself for 5 minutes every 30 days, 30 minutes every 60 days and 90 minutes annually. A “Service Required” lamp shall be located near the test switch and flash in the case of a fault detection. A two-LED diagnostic display shall be located inside the equipment and shall be capable of identifying the source of failure that may occur (battery, charger circuitry, or LED lamp failure).

The exit sign shall be CSA-C860 approved.

The equipment shall be Lumacell Model:

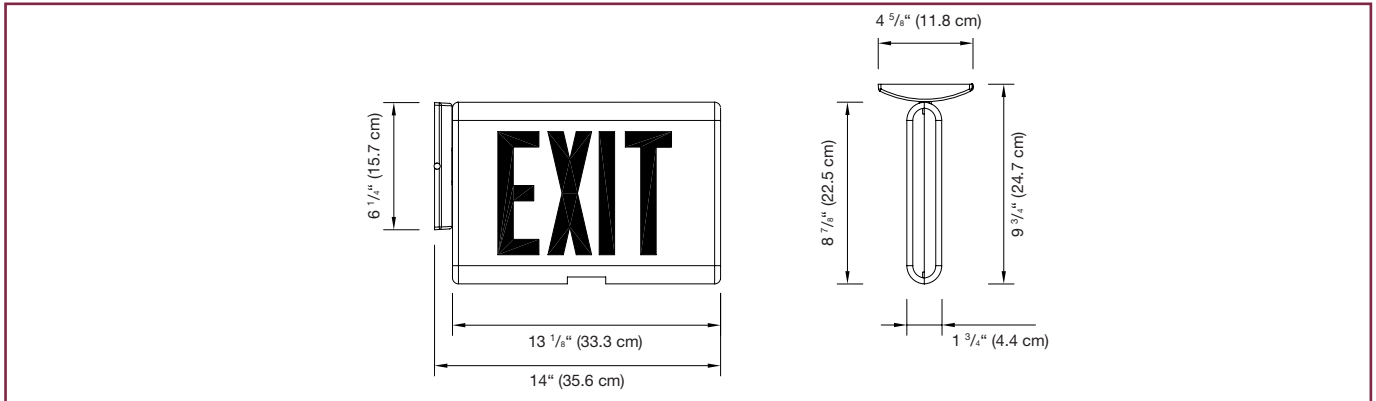
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Project/Location		Date
Contractor		Prepared by
LUMACELL Model		



GENESIS LER800 SERIES

Dimensions



Wire Guards

460.0079-L	Wall Mount
460.0027-L	End Mount
460.0028-L	Ceiling Mount

Power Consumption

Model	AC Specs		DC Specs	
AC/DC red	120 to 347Vac	Less than 3W	6 to 48Vdc	Less than 1.5W
AC/DC green	120 to 347Vac	Less than 3W	6 to 48Vdc	Less than 1.5W
Self-powered red	120 to 347Vac	Less than 3W	NiCad battery	Min. 90 minutes
Self-powered green	120 to 347Vac	Less than 3W	NiCad battery	Min. 60 minutes

Ordering Information

Series	Faceplates	Housing Faceplates colours	Model	Options
LER= EXIT	850U = single face, universal mount	WH = factory white B = black/black	Blank = 120Vac to 347Vac, 6Vdc to 48Vdc SPD = 120Vac to 347Vac self-powered c/w auto diagnostics *Nex = NEXUS® System Interface	Blank = no options TP = tamper proof screws
	860U = double face, universal mount	BA = brushed alum /brushed alum WBA = white/brushed alum BBA = black/brushed alum CH = chrome/chrome PB = brass/brass BZ = bronze/bronze		*VRTP = polycarbonate shield and tamper proof screws GN = green letters **990.0119-L = tamper proof bit
		Other colours available. Consult your sales representative.	* Consult your sales representative for options available with NEXUS® System.	*Indicate single or double face. **One bit needed per order.

EXAMPLE: LER850UWH