

# 400 Series

## Extruded Aluminum Exit Sign

**Versatile, highly-efficient, energy-saving illumination.**



### Features

- Durable extruded, one-piece aluminum housing
- Information for complete details.
- Long-life, energy efficient **AllnGaP** technology red LED light source completely enclosed in acrylic module
- Single illumination module lights both single and double face exit signs
- Highly energy efficient – consumes less than 3.5watts in AC or DC mode
- Normal AC and emergency DC operation – 120, 277 or 347volts AC input; 6 to 24volts DC input
- Also available with power pack; see **3LER400** catalogue sheet
- Comes with the lumacell EZ2 canopy for quick & easy installation. See page 103 for information.
- CSA certified, meets or exceeds C860 requirements



### Typical Specification

Supply and install the Lumacell LER400 Series LED exit signs. The equipment shall operate with universal AC input voltage of 120, 277 or 347Vac at less than 1.5watts and universal two-wire DC input voltage from 6Vdc to 24Vdc at less than 1.5watts for single and double face signs. The housing shall be constructed of rugged extruded aluminum and have a maximum depth of 2-1/2". The faceplate(s) shall be constructed of extruded aluminum and come standard with knockout chevrons. The light source shall be light emitting diodes (LED). The red LED technology shall be **AllnGaP**. The LED lamps shall provide illumination in normal and emergency operation and shall be mounted inside the exit housing, not on the face.

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

The exit sign in a self-powered configuration shall be equipped with a nickel cadmium battery and shall stay illuminated during emergency operation for at least 90 minutes upon AC failure.

The exit sign shall be CSA-C860 approved.

The equipment shall be Lumacell Model:

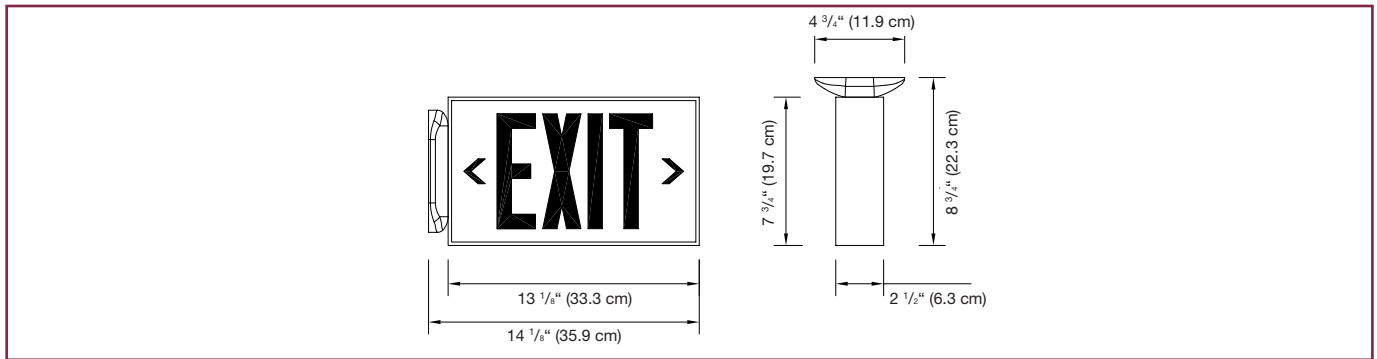
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|                  |  |             |
|------------------|--|-------------|
| Project/Location |  | Date        |
| Contractor       |  | Prepared by |
| LUMACELL Model   |  |             |



## Dimensions

## LER400 SERIES



## Wire Guards

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

## Power Consumption

| Model                        | AC Specs       |                | DC Specs           |                 |
|------------------------------|----------------|----------------|--------------------|-----------------|
| <b>AC/standard DC, red</b>   | 120/277/347Vac | Less than 1.5W | 6 to 24Vdc         | Less than 1.5W  |
| <b>AC/special DC, red</b>    | 120/277/347Vac | Less than 3W   | 36 or 48 or 120Vdc | Less than 2.5W  |
| <b>Self-powered, red</b>     | 120 to 347Vac  | Less than 3W   | NiCad battery      | Min. 90 minutes |
| <b>AC/standard DC, green</b> | 120 to 347Vac  | Less than 1.5W | 6 to 24Vdc         | Less than 1.5W  |
| <b>Self-powered, green</b>   | 120 to 347Vac  | Less than 3.5W | NiCad battery      | Min. 90 minutes |

## Ordering Information

| Series           | Faces                   | Colour   | Voltage   | Options   |
|------------------|-------------------------|--|---|---|
| <b>LER= EXIT</b> | <b>450=</b> single face | <b>Blank=</b> factory white<br><b>PW=</b> polar white<br><b>BK=</b> black<br><b>SG=</b> silver grey<br><b>BA=</b> brushed aluminium<br><b>TA=</b> textured aluminium | <b>UNIV=</b> 120/277/347Vac, 6 to 24Vdc<br><b>UNIV36=</b> 120/277/347Vac, 36Vdc, 4 wires<br><b>UNIV48=</b> 120/277/347Vac, 48Vdc, 4 wires<br><b>UNIV120=</b> 120/277/347Vac, 120Vdc, 4 wires<br><b>SP=</b> 120 to 347Vac, self-powered<br><b>120VACDC2=</b> 120Vac, 120Vdc, 2 wires<br><b>220=</b> 220Vac, 50HZ, 12Vdc<br><b>240=</b> 240Vac, 60HZ, 12Vdc | <b>Blank=</b> no options  |
|                  | <b>460=</b> double face |  |   | <b>**VRSTP=</b> vandal resistant shield and tamper proof screws<br><b>TP=</b> tamper proof screws<br><b>GN=</b> green letters<br><b>***990.0119-L=</b> tamper proof bit |
|                  |                         |  |   | ** Indicate single or double.<br>*** One bit per order.   |

**EXAMPLE: LER450UNIV**