



# XP/RSTP Series LERE-XP

## Hazardous Location Exit XP Series & Transfer Panel



### CSA certified for use in hazardous locations

The **LERE-XP Series** of "EXIT" signs are designed to cover emergency lighting applications for the entire spectrum of hazardous locations, where inflammable gases, vapors, liquids, dust particles or fabrics tissues are permanently present or are likely to exist. The **LERE-XP** Exit Signs can be connected to the **RSTP** transfer panel (see below), the **RG-X** Series of battery equipment, or the **Lumacell® DC system**.

### FEATURES

#### LERE-XP Series Exit Signs

- CSA Certified for use in hazardous locations:
  - Class I, Divisions 1 and 2, Group A, B, C, D
  - Class II, Divisions 1 and 2, Group E, F, G
  - Class III, Divisions 1 and 2
- Die-Cast aluminum body with grey epoxy powder coat finish
- Exit housing and faceplate made of industrial-grade 14-gauge steel and finished in grey enamel
- Faceplate features universal knockout chevrons
- Two-wire input circuit for both AC and DC inputs
- Available in 6, 12, 24 and 120VAC/dc
- LED lamp with **ALINGAP** LEDs; consumes less than 5W in AC and DC mode
- New, easy-to-build catalogue number based on the Lumacell Severity Codes
- Listed CSA C22.2 No. 137-M1981
- Listed CSA 22.2 No. 141

#### /RSTP Series Transfer Panel

- Available with NEMA-1 housing (for use outside the hazardous location area)
- Standard AC input: 120VAC, optional 277VAC, 347VAC; standard DC input: 6, 12 or 24VDC
- Two-wire output with permanently present AC/DC low voltage
- Output power: 25W, can drive up to five (5) units of the LERE-XP remote exit series
- Also available as Self-Powered Exit Sign, battery unit and combo unit; see RG-X catalogue sheet

### TYPICAL SPECIFICATIONS

#### LERE-XP Series Remote Exit Sign:

Supply and install the **Lumacell® LERE-XP Series** remote Exit Sign. The exit housing shall be industrial grade 14-gauge steel and finished in grey enamel. The faceplate will be constructed of heavy-duty 14-gauge steel and feature universal knockout chevrons and the red letters shall not be less than 6" (150 mm) in height with a 3/4" (19 mm) stroke. The sign shall come complete with a \_\_\_\_\_ Volt LED lamp, and function from one voltage source only, in AC and DC current. The LED Lamp shall use **ALINGAP** LEDs and shall consume less than 5W in either AC or DC current.

The equipment shall be certified CSA C22.2 No. 137-M1981 for Hazardous Locations: Class \_\_\_\_\_, Division \_\_\_\_\_, Groups \_\_\_\_\_, with the temperature code: \_\_\_\_\_.

The equipment shall be certified 22.2 No. 141

The Exit Sign shall be **Lumacell®** Model: \_\_\_\_\_ .

#### RSTP Series Transfer Panel:

Supply and install the **Lumacell® RSTP Series** transfer panel for hazardous location remote Exit Signs. The unit shall have two voltage inputs: \_\_\_\_\_ VAC and \_\_\_\_\_ VDC and shall be able to maintain an output of \_\_\_\_\_ Volts 25W for the permanent supply of a total of five remote LED Exit Signs.

The transfer panel shall be suitable for a NEMA 1 environment.

The unit shall be **Lumacell®** Model: \_\_\_\_\_ .

### POWER CONSUMPTION AND UNIT RATING

| MODEL              | AC SPECS |              | DC SPECS |              |
|--------------------|----------|--------------|----------|--------------|
| AC/DC red two-wire | 6VAC     | Less than 5W | 6VDC     | Less than 5W |
|                    | 12VAC    |              | 12VDC    |              |
|                    | 24VAC    |              | 24VDC    |              |
|                    | 120VAC   |              | 120VDC   |              |

\*NOTE: Exit Signs of 6,12 or 24 V must be connected through transfer panels; maximum five Exit Signs per panel.

1.

| ENVIRONMENT  | SEVERITY CODE |
|--|---------------|
| Cl. I, Div. 1, Gr. A, B                                | S1            |
| Cl. I, Div. 1, Gr. C, D                                | S2N           |
| Cl. I, Div. 2, Gr. A, B, C, D                          | S3            |
| Cl. II, Div. 1 & 2, Gr. E, F, G<br>Cl. III, Div. 1 & 2 | S4            |

2.

| CERTIFICATION GUIDE FOR LERE-XP (40°C AMBIENT) |                   |                   |                    |                     |
|--|-------------------|-------------------|--------------------|---------------------|
| Severity Code                                  | S1                | S2N               | S3                 | S4                  |
| Temperature Code                               | T6                | T6                | T4A                | T6 (E,F,G)          |
| CSA/UL rating                                  | Max. 85°C (185°F) | Max. 85°C (185°F) | Max. 120°C (248°F) | Max. 88°C (190.4°F) |

# XP/RSTP Series LERE-XP

## Hazardous Location Exit XP Series & Transfer Panel



### DIMENSIONS

Dimensions are approximate and subject to change.

|  |  |  |  |  |  |
|--|--|--|--|--|--|
| <p><b>SEVERITY CODES S1 &amp; S2N</b></p> <p>*SINGLE PENDANT MOUNT</p> <p>14-7/8" [37.7 cm]</p> <p>12-3/8" [31.4 cm]</p> <p>*HARDWARE SUPPLIED BY OTHER.</p>                       |  | <p><b>SEVERITY CODES S2N ONLY</b></p> <p>CEILING MOUNT</p> <p>5-1/4" [13.3 cm]</p> <p>9-5/8" [24.5 cm]</p> <p>17-3/8" [44.2 cm]</p> <p>12-3/8" [31.4 cm]</p> |  | <p><b>SEVERITY CODES S2N ONLY</b></p> <p>WALL MOUNT</p> <p>18-1/2" [47.0 cm]</p> <p>12-3/8" [31.4 cm]</p> <p>16-1/4" [41.2 cm]</p> |  |
| <p><b>SEVERITY CODES S3, S4</b></p> <p>CEILING MOUNT</p> <p>4" [10.1 cm]</p> <p>3-1/2" [9 cm]</p> <p>11-1/4" [28.7 cm]</p> <p>12-3/8" [31.4 cm]</p>                                |  | <p><b>SEVERITY CODES S3, S4</b></p> <p>WALL MOUNT</p> <p>2-1/4" [5.7 cm]</p> <p>3-3/8" [8.4 cm]</p> <p>12-3/8" [31.4 cm]</p> <p>13-3/8" [34.1 cm]</p>        |  | <p>*SINGLE PENDANT MOUNT</p> <p>10-7/8" [27.5 cm]</p> <p>12-3/8" [31.4 cm]</p> <p>*HARDWARE SUPPLIED BY OTHER.</p>                 |  |
| <p><b>TRANSFER PANELS</b></p> <p>8-1/2" [21.5 cm]</p> <p>8-3/8" [21.3 cm]</p> <p>4-1/8" [10.4 cm]</p> <p>8-3/8" [21.3 cm]</p> <p>NOTE: TRANSFER PANELS HAVE NO SEVERITY RATING</p> |  |  |  |  |  |

### ORDERING INFORMATION

Before ordering, identify the environment of your application: Class \_\_\_\_\_, Division \_\_\_\_\_, Group \_\_\_\_\_. Refer to the table 1 for the Severity Code to use in your catalogue number. For temperature information, please look at the table 2.

### 3. LERE-XP

| SERIES   | VOLTAGE  | SEVERITY CODE   | MOUNTING  |
|--|--|---|---|
| <b>LERE1X</b> = exit single face C860 LED<br><b>LERE2X</b> = exit double face C860 LED | <b>-L6</b> = 6V<br><b>-L12</b> = 12V<br><b>-L24</b> = 24V<br><b>-L120</b> = 120V | <b>S1</b> = Cl. I, Div. 1 & 2, Gr. A, B<br><b>S2N</b> = Cl. I, Div. 1 & 2, Gr. C, D<br><b>S3</b> = Cl. I, Div. 2, Gr. A, B, C, D<br><b>S4</b> = Cl. II, Div.1 & 2 Gr. E, F, G<br>CL. III, Div.1 & 2 | <b>C</b> = ceiling<br><b>P</b> = pendant <sup>1</sup><br><b>W</b> = wall <sup>2</sup><br><sup>1</sup> Mounting hardware not included<br><sup>2</sup> Severity S2N, S3 and S4 only |

EXAMPLE: LERE1X-L6S1C

### 4. TRANSFER PANEL

| SERIES                       | AC VOLTAGE  | DC VOLTAGE   | WATTAGE   | HOUSING               |
|------------------------------|---|--|---|-----------------------|
| <b>RSTP</b> = transfer panel | <b>120</b> = 120VAC<br><b>347</b> = 347VAC<br><b>277</b> = 277VAC | <b>6</b> = 6V<br><b>12</b> = 12V<br><b>24</b> = 24V<br><b>120</b> = 120V | <b>25</b> = 25W <sup>1</sup><br><sup>1</sup> 5W required per DC "Exit" load | <b>Blank</b> = NEMA 1 |

EXAMPLE: RSTP1206-25