

XP/RSTP Series

Hazardous Location Exit Signs & Transfer Panels



CSA certified for use in hazardous locations.

The **LSRS-XP** Series of remote “SORTIE” 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 **LSRS-XP** signs can be connected to the **RSTP** transfer panel (see below), the **RG-X** Series of battery equipment, or the **Lumacell DC system**.



Features

LSRS-XP Series Remote “SORTIE” Signs

- CSA Certified for use in hazardous locations:
 - Class I, Divisions 1 and 2, Groups A, B, C, D
 - Class II, Divisions 1 and 2, Groups 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 **AllnGaP** LEDs; consumes less than 5watts in AC and DC mode
- New, easy-to-build catalogue number based on the Lumacell Severity Codes
- CSA certified, meets or exceeds C860 requirements

RSTP Series Transfer Panel

- Available with hazardous location housing (Class 1, Division 1) or 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 **LSRS-XP** remote “SORTIE” signs series
- Also available as self-powered exit sign, battery unit and combo unit; see **RG-X** catalogue sheet

Project/Location		Date
Contractor		Prepared by
LUMACELL Model		



XP/RSTP SERIES LSRS*XP

Typical Specification

LSRS-XP Series Remote “SORTIE” Sign:

Supply and install the Lumacell LSRS-XP Series remote “SORTIE” 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 **AllnGaP** LEDs and shall consume less than 5watts in either AC or DC current.

The exit sign shall be CSA-C860 approved.

The exit sign shall be suitable for Class _____, Division _____, Group _____.

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 25watts for the permanent supply of a total of five remote LED exit signs. The transfer panel shall be suitable for Class _____, Division _____, Group _____ or for a NEMA 1 environment.

The unit shall be Lumacell Model:
_____.

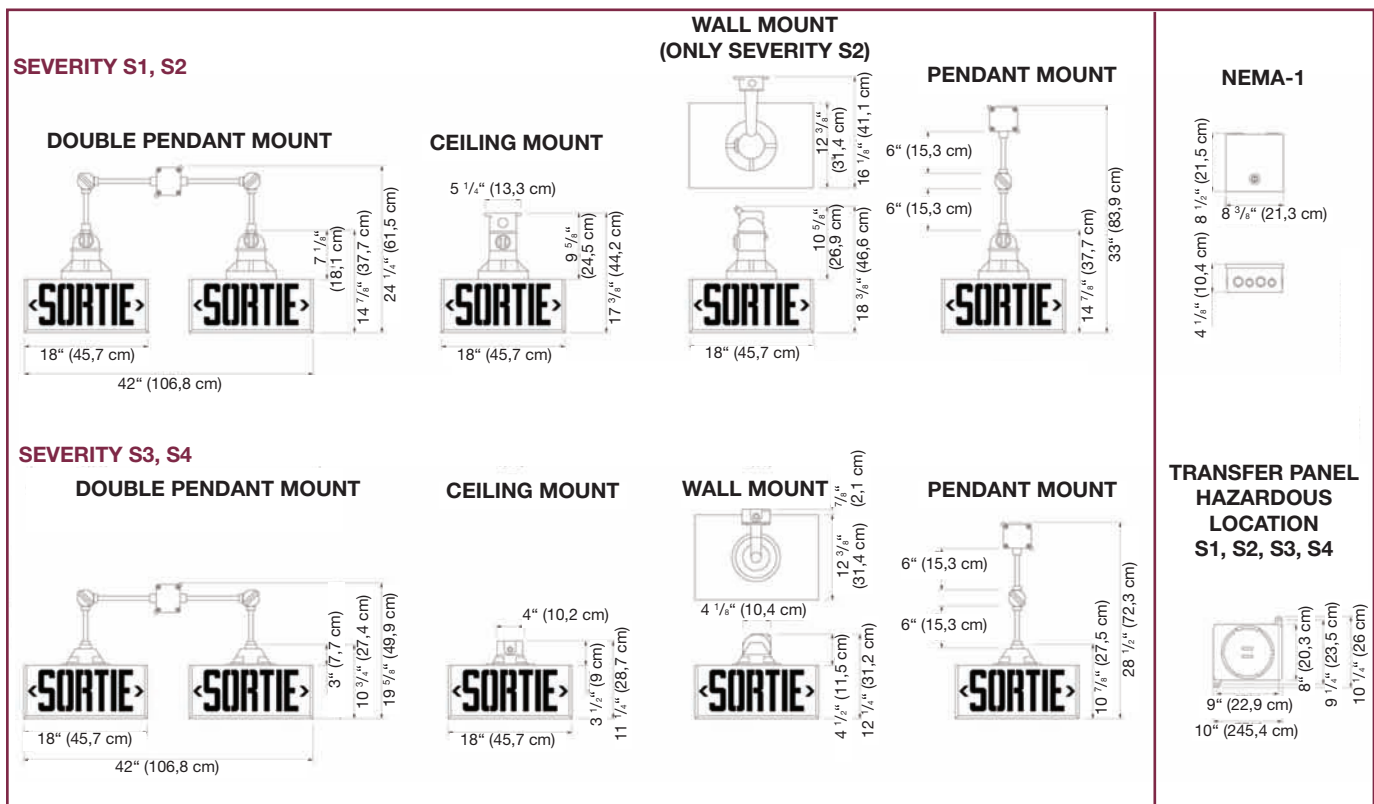
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Hazardous Location Exit Signs & Transfer Panels



Dimensions



Power Consumption

Model	AC Specs		DC Specs	
AC/DC, red	6Vac	Less than 5W	6Vdc	Less than 5W
	12Vac		12Vdc	
	24Vac		24Vdc	
	120Vac		120Vdc	

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

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XP/RSTP SERIES LSRS*XP

1.

Environment	Severity Code
Cl. I, Div. 1, Gr. A, B	S1
Cl. I, Div. 1, Gr. C, D	S2
Cl. I, Div. 2, Gr. A, B, C, D	S3
Cl. II, Div. 1 & 2, Gr. E, F, G Cl. III, Div. 1 & 2	S4

2.

Certification Guide for LSRS-XP (40°C ambient)				
Severity Code	S1	S2	S3	S4
Temperature Code	T6	T6	T3C	T3C (E.G.F.)
CSA/UL rating	Max. 85°C	Max. 85°C	Max. 160°C	Max. 160°C

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. LSRS-XP

Series	Volatge	Lamp Type	Severity Code	Mounting
LSRS1X = SORTIE LED, C860 single face	-L6 = 6volts	Blank = LED less than 5watts	S1 = see chart	C = ceiling
	-L12 = 12volts		S2 = see chart	P = pendant
LSRS2X = SORTIE LED, C860 double face	-L24 = 24volts		S3 = see chart	W = wall
	-L120 = 120volts		S4 = see chart	

EXAMPLE: LSRS1X-L6S1C

*NOTE: wall-mount available only for severities S2, S3 and S4.

4. Transfer Panel

Series	AC Voltage	DC Voltage	Load Voltage	Housing
RSTP = transfer panel	120 = 120Vac	-6 = 6volts	*-25 = 25watts * 5 W required per DC SORTIE load	Blank = NEMA 1
	347 = 347Vac	-12 = 12volts		XP = hazardous location
		-24 = 24volts		

EXAMPLE: RSTP120-6-25