



new product

LSAUR Series

Surface-mount architectural
remote unit



Made in Canada

STANDARD FEATURES

- Easy to install on a ceiling and pendant mount (pendant kit sold separately)
- Thermoplastic decorative housing, white finish or optional black
- DC model accepts 6-24VDC input
- Two-wire universal AC input: 120-347VAC 50/60Hz
- Four high-intensity LED with redundant connections 140 lm/W
- Listed for damp locations: 10° to 40°C (50° to 104°F)
- Certified cUL to CSA 22.2 No.141
- Warranty details at: www.tnb.ca/en/brands/lumacell/

OPTIONAL FEATURES

- Fixed, square light distribution for area of rescue, up to 3.7 m (12') ceilings
- 120-277VAC model with high power factor rating, compatible with central systems

SUGGESTED SPECIFICATION

Supply and install the **LSAUR Series** of surface-mount emergency lighting unit from **Lumacell®**. The unit construction shall include a thermoplastic housing and backplate. The optics shall be an impact-resistant polycarbonate lens with fixed light distribution optimized for ceiling heights of 2.4 to 3.7 m (8 to 12'). The housing shall include an isolated compartment for electrical connections, with access through the ceiling back plate.

The emergency lights shall be four high-intensity LED with operational life of minimum 36,000 hours, until 70% of the initial light level (reported L70). The LED lamps shall have redundant interconnections: eventual failure of one lamp shall allow other LED lamps to function. The unit shall have a two-wire universal input rated 120-347VAC 50/60Hz.

The unit shall be listed for damp locations 10° to 40°C (50° to 104°F)

The unit shall be cUL certified to CSA 22.2 No.141

The equipment shall be **Lumacell®** model: _____ .

ELECTRICAL RATINGS

MODEL	V	Hz	A	W	P.F.
AC	120-347VAC	50/60	0.110-0.055	8.4-9.2	0.74-0.49
	120VDC	N/A	0.065	8.2	N/A
AC2	120-277VAC	50/60	0.06-0.035	7.3-9.2	≥0.9
DC	6-24VDC	N/A	1.09-0.33	6.50-7.25	N/A



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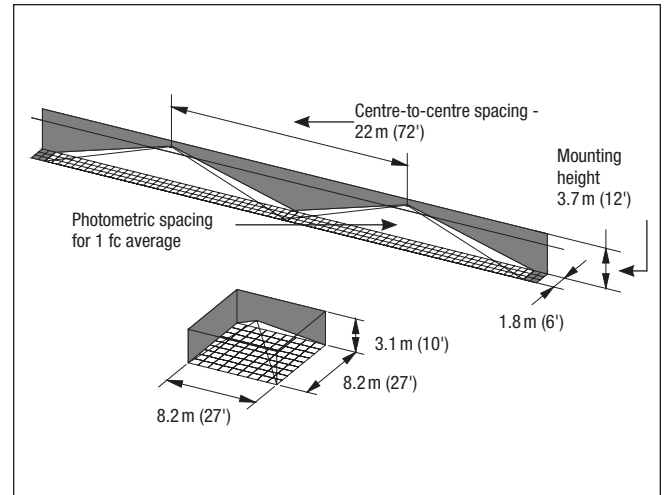
PHOTOMETRIC PERFORMANCE

Unlike equipment with adjustable lights, the **LSAUR Series** makes the installation faster and prevents errors leading to insufficient lighting on the path of egress.

The **LSAUR Series** delivers a stable and consistent illumination making it easy to specify in a wide range of applications. The spacing of illumination ranges from 18.9 to 24.4 m (62 to 80 feet) for standard units (corridor). The area-of-rescue option covers a square surface up to 8.2 m x 8.2 m = 67.2 m² (27' x 27' = 729 ft²).

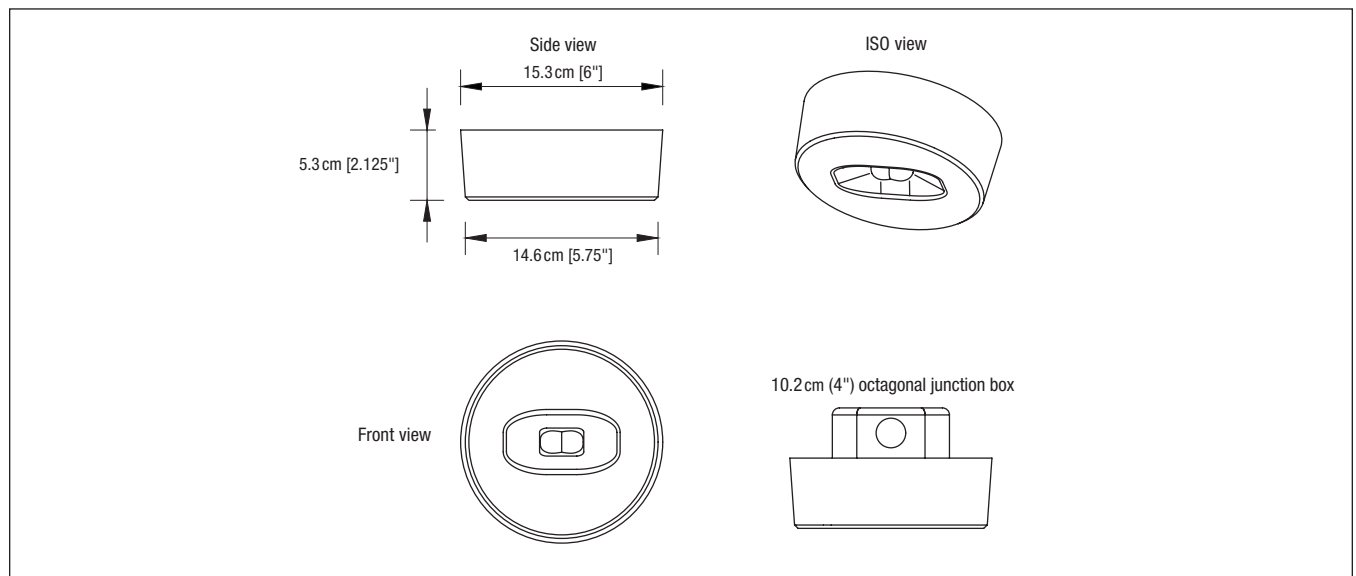
SPACING: standard unit – 1.83 m [6-ft] wide corridor

MOUNTING HEIGHT	SPACING CENTRE TO CENTRE	SINGLE UNIT COVERAGE
2.4 m [8']	18.9 m [62']	17.4 m [57']
3.1 m [10']	24.4 m [80']	23.5 m [77']
3.7 m [12']	22 m [72']	21 m [69']



DIMENSIONS

Dimensions are approximate and subject to change.



ORDERING INFORMATION

SERIES	COLOUR	VOLTAGE	OPTIONS
LSAUR = remote surface architectural unit	WH = factory white BK = black	AC = 120 to 347VAC, 50/60Hz, .10/.045A or 120VDC 8.2W AC2 = 120 to 277VAC, 50/60Hz, 6.6/8.2W, P.F.≥0.9 DC = 6 to 24VDC, 6.5W	Blank = no options SQ = square lighting pattern NOTE: Pendant mount compatible. Pendant kit sold separately.

EXAMPLE: LSAURWHDC