

new product

# LRAUR Series

## Remote recessed architectural fixture



### FEATURES

- Recessed installation in T-bar suspended ceiling and easily spring mounted in Gyproc ceiling
- All-metal backbox enclosure
- Housing rated for plenum or insulated ceilings (IC)
- Thermoplastic rectangular fixture with additional round trim-plate, white finish
- Black thermoplastic decorative trim-plates
- Two-wire universal input
- Fixed optics, optimized light distribution for ceiling heights of eight to 12 ft
- Fixed, square distribution pattern
- Four high-intensity LED sources with redundant connections; CCT 5000K
- Listed NSF, splash non-food zones
- Certified cUL to CSA 22.2 No.141-15
- See warranty details at: [www.lumacell.ca](http://www.lumacell.ca)

### SUGGESTED SPECIFICATIONS

Supply and install the **LRAUR Series** of recessed emergency lighting unit from **Lumacell®**. The unit construction shall include an all-metal housing and a thermoplastic rectangular trim-plate with a detachable circular trim ring for choice of aesthetics. The optics shall be an impact-resistant polycarbonate lens with fixed light distribution, optimized for ceilings of 8 to 12-ft height. The housing shall include an isolated compartment for electrical connections and a detachable cover with knockouts for electrical supplies. The unit shall include a hardware kit for installation in T-bar suspended ceilings.

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 LEDs shall have redundant interconnections: eventual failure of one of them shall allow others to function.

The unit shall be cUL certified to CSA 22.2 No.141-15

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

### PHOTOMETRY PERFORMANCE

The **LRAUR Series** has a fixed lighting distribution, optimized by design for ceiling heights up to 12 ft. The **LRAUR Series** delivers a stable and optimal illumination easy to specify. Along an office corridor the space coverage ranges from 68 to 80 feet. The square distribution pattern option covers a surface of more than 700 square feet.

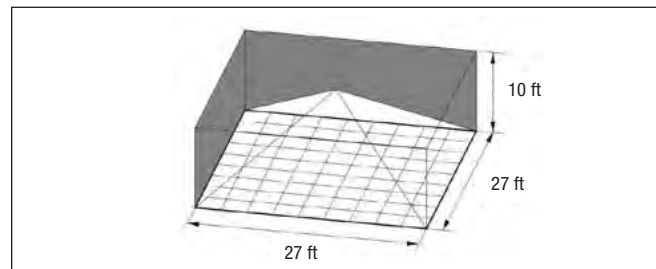
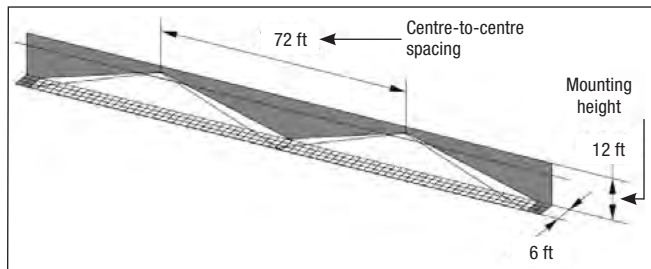
TABLE A: STANDARD UNIT 6-FT WIDE CORRIDOR<sup>1</sup>

Mounting height	Spacing centre-to-centre
9 ft	68 ft
10 ft	80 ft
12 ft	72 ft

TABLE B: OPTION "SQUARE DISTRIBUTION PATTERN" – SINGLE UNIT COVERAGE<sup>1</sup>

Mounting height	Room size	Room surface
10 ft	27 ft x 27 ft	729 square feet

<sup>1</sup>Typical reflectance levels of walls/ceiling/floor: 80/50/20

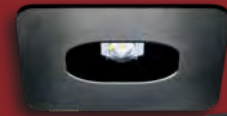


### HOUSING COLOUR





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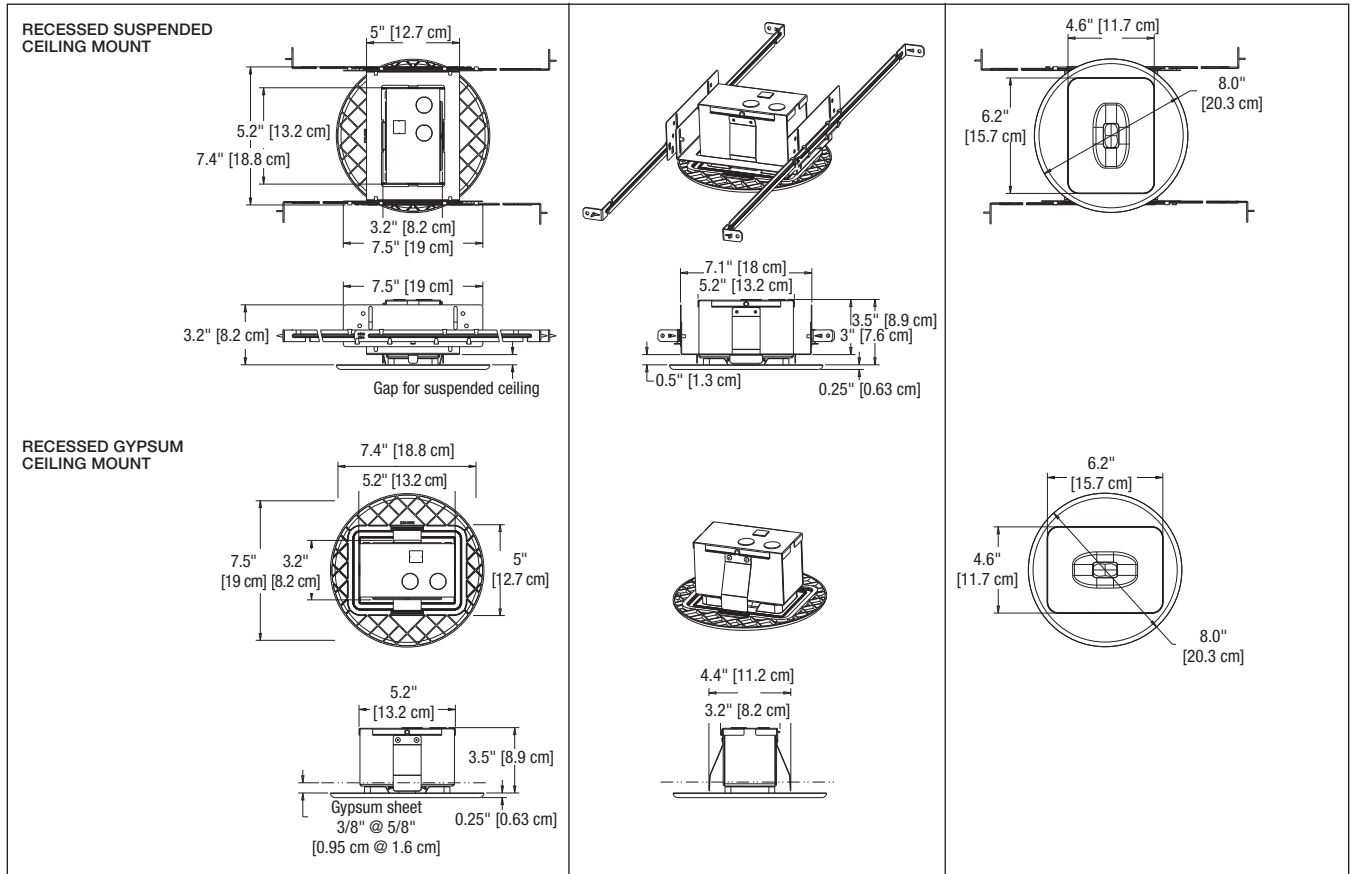


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### DIMENSIONS

Dimensions are approximate and subject to change.



### POWER CONSUMPTION AND UNIT RATING

INPUT (VAC)	INPUT CURRENT (A)	INPUT POWER (W)	POWER FACTOR
<b>AC2</b>			
120	0.060	7.0	0.95
240	0.030		
277	0.025		

INPUT VOLTAGE (VDC)	INPUT POWER (W)
<b>DC</b>	
6-24	6.5

### ORDERING INFORMATION

SERIES	COLOUR	VOLTAGE	OPTIONS
<b>LRAUR</b> = remote recessed architectural fixture	<b>BK</b> = black <b>WH</b> = factory white	<b>AC2</b> = 120 to 277VAC 50/60Hz <b>DC</b> = 6 to 24VDC	<b>Blank</b> = no options <b>P</b> = plenum/type IC rated <b>SQ</b> = square distribution pattern

EXAMPLE: LRAURWHDC