

New product

## ESAU Series

Surface-mount architectural remote unit



### Features

#### Standard features

- Easy to install on the ceiling surface or 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/emergi-lite](http://www.tnb.ca/en/brands/emergi-lite)

#### Optional features

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



### Suggested specification

Supply and install the **ESAU Series** of surface-mount emergency lighting unit from **Emergi-Lite®**. 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 3.7m (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 **Emergi-Lite®** 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 **ESAU Series** makes the installation faster and prevents errors leading to insufficient lighting on the path of egress.

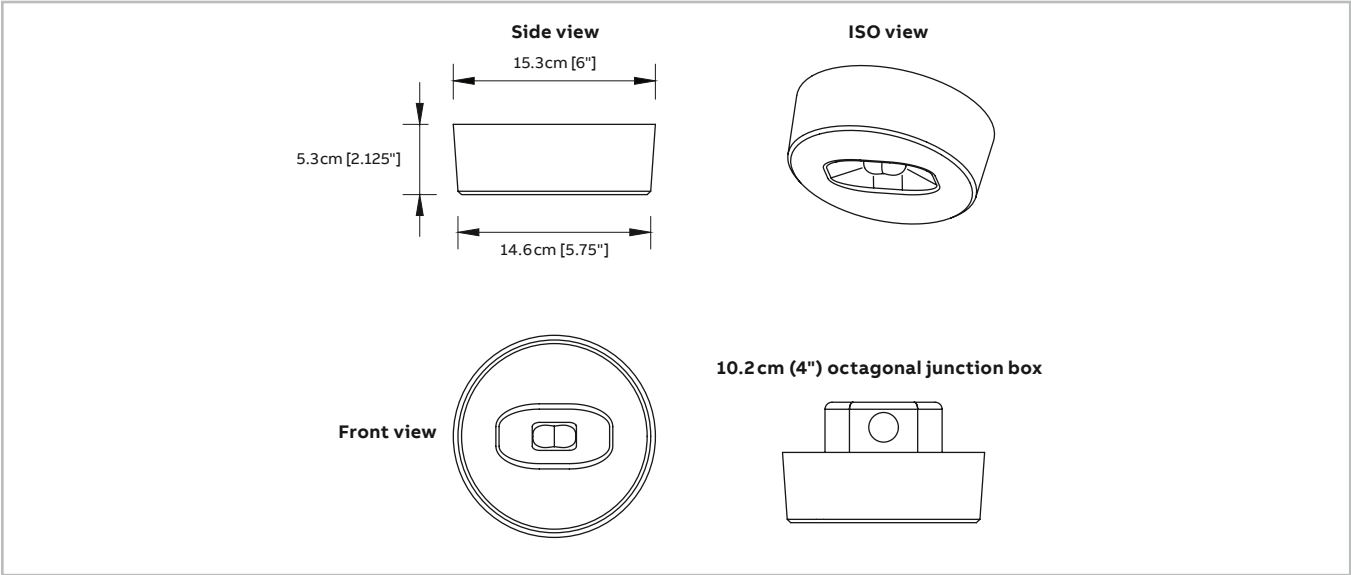
The **ESAU Series** delivers a stable and consistent illumination making it easy to specify in a wide range of applications. The spacing of illumination ranges from 18.9 to 24.4 m (62 to 80 feet) for standard units (corridor). The area-of-rescue option covers a square surface up to 8.2 m x 8.2 m= 67.2m<sup>2</sup> (27' x 27'= 729 ft<sup>2</sup>).

## Spacing: standard unit – 1.83m [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
<b>ESAU</b> = remote surface architectural unit	<b>WH</b> = factory white <b>BK</b> = black	<b>AC</b> = 120 to 347VAC, 50/60Hz, .10/.045A or 120VDC 8.2W <b>AC2</b> = 120 to 277VAC, 50/60Hz, 6.6/8.2W, P.F. ≥0.9 <b>DC</b> = 6 to 24VDC, 6.5W	<b>Blank</b> = no options <b>SQ</b> = square lighting pattern

Example: ESAURWHDC

NOTE: Pendant mount compatible.  
Pendant kit sold separately.