

# Emergency light <sup>1)</sup> – Application Case

## Application requirements

Target application:	Ceiling emergency light
Target dimensions:	H 3m; D 6m
Illuminance requirements:	$E_{min} \geq 0.4 \text{ lux}$
Applicable Specifications:	EN 54-28

## FA11948\_Julia-A<sup>2)</sup>

### Optimal light distribution

- Batwing light distribution
- 180° light distribution
- Over 85% optical efficiency

### Optimal mechanical design

- Environmental sealing possible
- Double sided tape
- Small footprint



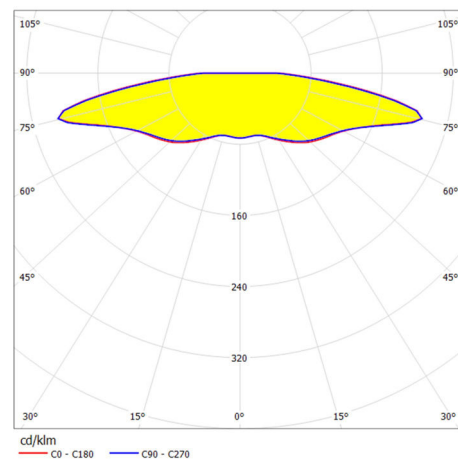
## Results with example lens

Meets EN 54-28 requirements

Minimum illuminance on the wall: 0.41lux

Minimum illuminance on the floor: 0.43lux

LED output: 100 lumen



1) Emergency light refers to a lighting design that meets the European EN 54-28 standard for emergency lights.

2) Lens specified in the example is not the only solution for specified application. LEDIL offers other lenses also suitable for the application.