

## TECHNICAL SHEET

### ESERA LED



**Meets the essential requirements of the CE directives and the relevant clauses of the applicable regulations:**

- **2014/30/UE. EMC Directive.**
  - UNE-EN 55015:2013. Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment.
  - UNE EN 61000-3-2:2014. Electromagnetic compatibility (EMC) – Limits.
  - *UNE-EN 61547:2011. Equipment for general lighting purposes. EMC immunity requirements*
- **2014/35/UE. Low voltage Directive.**
  - UNE-EN 60598-1:2015. Luminaires - specification for general requirements and test.
  - *UNE-EN 60598-2-22:2015. Luminaires for emergency lighting..*

#### **Technical characteristics:**

**Type of lighting:** Self-contained, non-maintained emergency luminaire including remote rest mode (teleswitch). It is suitable for direct mounting on flammable surfaces (F-marked).

**Voltage:** 220-240 V / 50-60Hz - **Power factor (cosΦ):** 0,13

**Battery charging time:** 24 hours

**Lamp:** LED.

**Colour temperature:** 5300 – 6500K

**Battery:** nickel cadmium cells, sealed high temperature) with at least four years of normal operation (1 monthly discharge)

**Electrical insulation:** Class II

**External parts mechanical strength, IK protection rate (EN 50102):** IK04

**Protection degree against solid objects and liquids, IP (EN60529):** IP44

**Electric protection:** Fuse for the battery.

**User indicators:** High luminosity LED - Correct charging

#### **Housing:**

Base: ABS V0 white

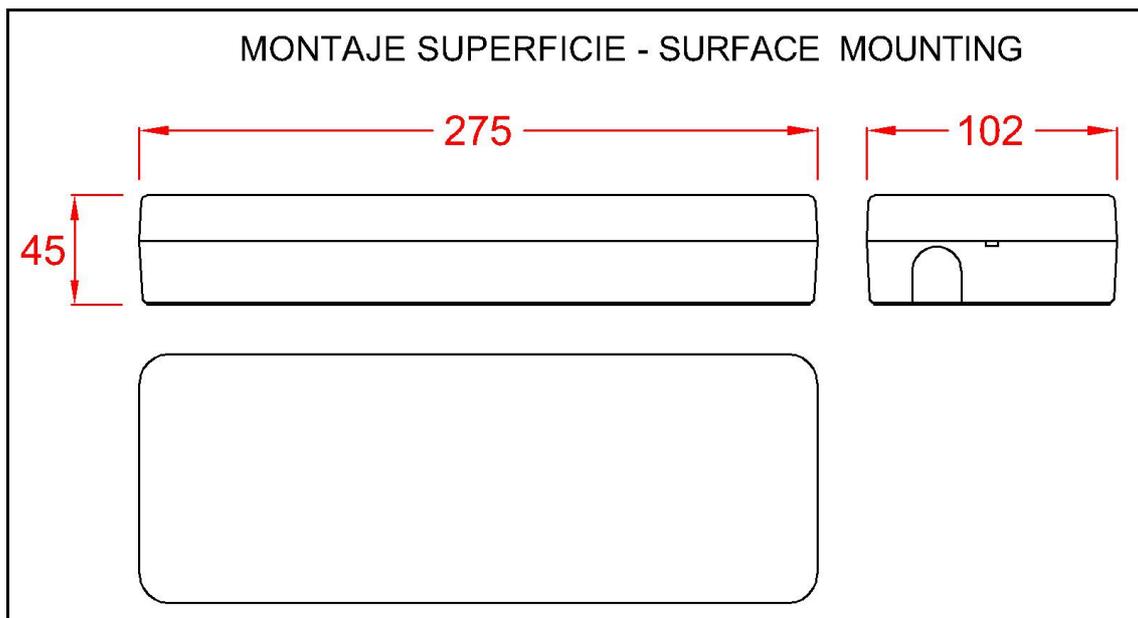
Diffuser and reflector: 850°C polycarbonate.

**Alumbrado de Emergencia  
Emergency Lighting**

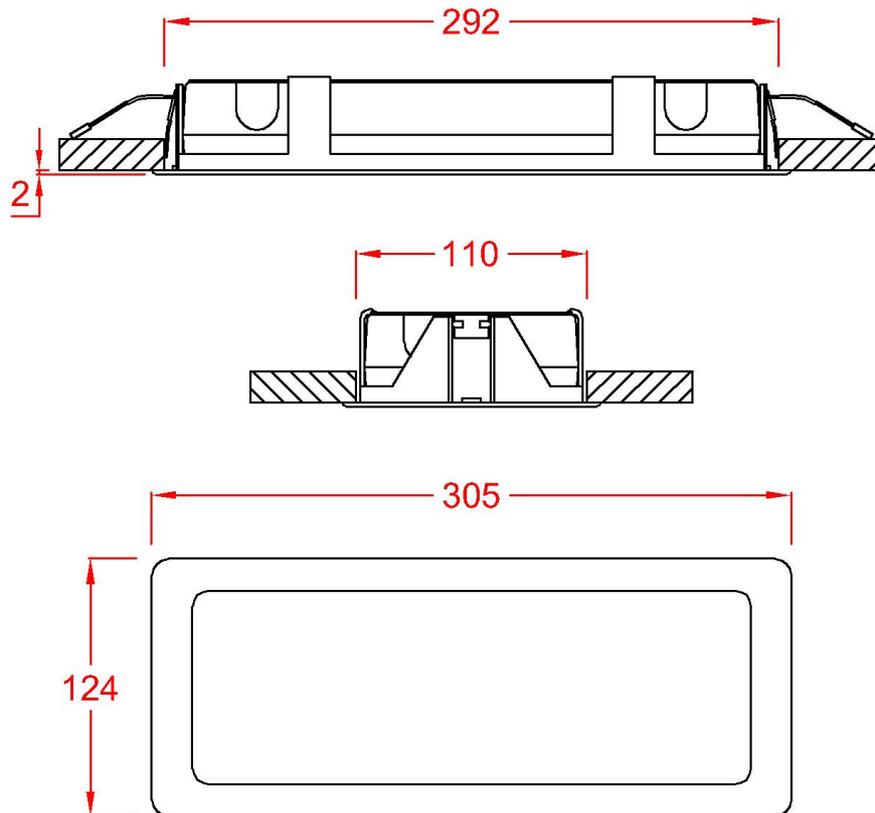
**Models:**

NAME	REFERENCE	LUMINOUS FLUX	AUTONOMY (hours)	MAINS POWER	WEIGHT
ESERA 60L LED	ES0600011L	80Lm	1	1,4W	444g.
ESERA 100L LED	ES1000011L	110Lm	1	1,4W	444g.
ESERA 150L LED	ES1500011L	140Lm	1	1,4W	466g.
ESERA 200L LED	ES2000011L	190Lm	1	1,4W	488g.
ESERA 300L LED	ES3000011L	280Lm	1	1,4W	510g.
ESERA 400L LED	ES4000011L	430Lm	1	2,5W	650g.
ESERA 500L LED	ES5000011L	500Lm	1	2,5W	700g.
ESERA 60L2 LED	ES0600021L	60Lm	2	1,4W	444g.
ESERA 100L2 LED	ES1000021L	100Lm	2	1,4W	466g.
ESERA 150L2 LED	ES1500021L	140Lm	2	1,4W	488g.
ESERA 200L2 LED	ES2000021L	210Lm	2	1,4W	532g.
ESERA 300L2 LED	ES3000021L	310Lm	2	2,5W	650g.
ESERA 60L3 LED	ES0600031L	60Lm	3	1,4W	466g.
ESERA 100L3 LED	ES1000031L	100Lm	3	1,4W	488g.
ESERA 150L3 LED	ES1500031L	160Lm	3	1,4W	532g.
ESERA 200L3 LED	ES2000031L	230Lm	3	2,5W	650g.

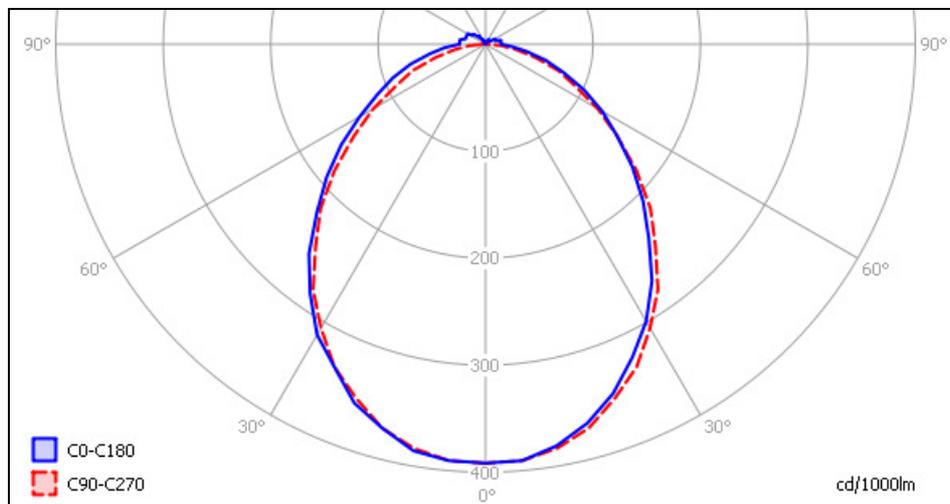
**Dimensions:**



MONTAJE FALSO TECHO - RECESSED MOUNTING

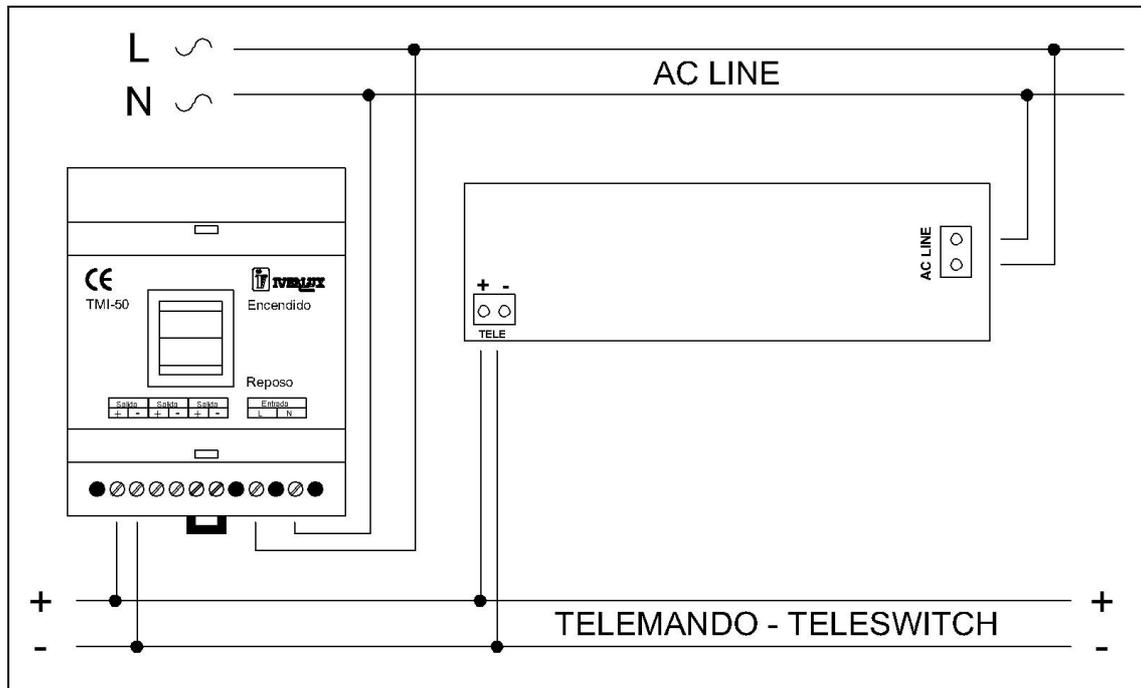


Photometric distribution:

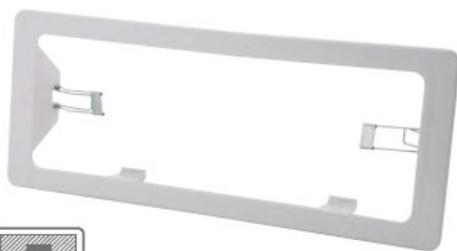


**Alumbrado de Emergencia**  
**Emergency Lighting**

**Wiring diagram:**



**Accessories:**



REF. AES10000

Marco para empotrar en falso techo  
 Double ceiling mounting frame



REF. AA200000

Reja de protección antivandálica  
 Anti-vandalism protection grid

Iverlux is continually working on improving and developing its products. For more information, you can contact Iverlux Technical Department at [tecnico@iverlux.com](mailto:tecnico@iverlux.com)