

FRANKCAS SENTRY · EMERGENCY LIGHTING

Sentry Surface

Surface non-maintained emergency luminaire — round or square, 3 hour duration

A surface-mounted emergency luminaire for ceilings with no void, available as a round or a square cover on a common first-fix gear tray with through-ceiling or side conduit entry. 240 lm open area gives 8 m spacing from a 2.5 m ceiling; the corridor lens takes that to 19 m along an escape route. Available in DALI-2 self-test or Casambi wireless.



ORDERING INFORMATION

PART NUMBER	CONTROL	DESCRIPTION
FC-EL-SF-C-D2	DALI-2 self-test	Circular cover, open area, 3 h
FC-EL-SF-C-D2-CL	DALI-2 self-test	Circular cover, corridor lens, 3 h
FC-EL-SF-S-D2	DALI-2 self-test	Square cover, open area, 3 h
FC-EL-SF-S-D2-CL	DALI-2 self-test	Square cover, corridor lens, 3 h
FC-EL-SF-C-CW	Casambi wireless	Circular cover, open area, 3 h
FC-EL-SF-S-CW	Casambi wireless	Square cover, open area, 3 h

KEY FEATURES

- Round or square cover on a common gear tray
- Through-ceiling or side conduit cable entry
- 8 m spacing open area, 19 m with the corridor lens, from 2.5 m
- Constant 1.5 W output maintains spacing for the full duration
- Push-to-test lamp bezel and built-in charge indicator LED
- 4.4 Ah high-temperature LiFePO4 battery
- Deep discharge protection; pre-wired for simple installation

TECHNICAL DATA

Input supply	230 V $\pm$ 10%, 50/60 Hz
Emergency output	240 lm open / 198 lm corridor
Max spacing (2.5 m)	8 m open / 19 m corridor
Rated duration	3 hours
Battery	3.2 V 4.4 Ah LiFePO4
Charge time	24 hours
Earth leakage	< 0.5 mA
Ambient temp.	+10 ... +35 °C
IP rating	IP20
Diameter	178 mm
Weight	400 g

STANDARDS

EN 60598-1 and EN 60598-2-22 (luminaires for emergency lighting) · EN 50172 / BS 5266-1 (emergency escape lighting systems) · EN 62034 (automatic test systems) · EN 61347-1 and EN 61347-2-7 (emergency driver) · EN 55015, EN 61000-3-2 and EN 61547 (EMC) · EN 62386 and DALI-2 Part 202 for the DALI-2 self-test version · RoHS.

Product standards as applicable to the luminaire and its emergency driver. Declarations of conformity available on request. Installation must be carried out by a competent person in accordance with BS 7671 and the system designed to BS 5266-1 / EN 50172.

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