

SPECIFICATION

Mains Voltage	220-240V 50/60Hz
Output Voltage	12V - 220V
Power Usage	5 W / 7A
Battery Charge Time	24 hrs
Protection Class	I and II
Protection Type	IP20
Functionality Test	Weekly 2 min
Dimensions	L 292 x W 82 x H 41mm
Mounting Holes	260mm
Weight	190g + Battery



DESCRIPTION

The emergency lighting unit is a conversion kit remote box for operating LED luminaires in emergency mode. The integrated self test function complies to European standard.

- Self contained emergency lighting unit for LED luminaires
- Three voltage ranges to cover LED module voltages from 12V to 220V
- Compact polycarbonate case containing electronics and battery for external installation outside the luminaire for usage in protection class I and II luminaires.

PROPERTIES

- Non-Maintained Mode
- Maintained mode in combination with an LED-Driver
- 3hrs operating time
- Self-test as per IEC 62034
- Status Display LED
- Compatible with all dimmable and non-dimmable LED Drivers
- Easy ceiling installation with strain relief
- Constant power output in emergency mode
- Deep discharge protection

FURTHER INFORMATION

- Battery;
- High-Temperature cells 5° C - 50° C
 - NiCd- / LiFePO 4-Batteries
 - D- / 18650 Cells
 - Specific capacitance according to operating time
 - 4 year expected life duration (>6 years LiFePO 4)
 - Battery regeneration for capacity optimisation

AVAILABLE OPTIONS

Options	Selftest (S)	Selftest (S)	Selftest (S)
	BUS	BUS	BUS
	DALI	DALI	DALI
	Wireless	Wireless	Wireless
Max. operating voltage (LED-array not connected or faulty)	max. 60 V	max. 120 V	max. 300 V
Power output in emergency mode *	1.5 W	1.5 W	1.5 W
	2.5 W	2.5 W	2.5 W
	3.0 W	3.0 W	3.0 W
Lumen output in emergency mode (assumption: LED-efficiency = 100 lm/W)	150 lm	150 lm	150 lm
	250 lm	250 lm	250 lm
	300 lm	300 lm	300 lm
Battery	NiCd (D-Zellen)	NiCd (D-Zellen)	NiCd (D-Zellen)
	LiFePO ₄ (18650-Zellen)	LiFePO ₄ (18650-Zellen)	LiFePO ₄ (18650-Zellen)
LED voltage	SELV with insulated LEDs (reinforced insulation between LED-module and mains with 3.75 kV electric strength)	SELV with non insulated LEDs (reinforced insulation between LED-module and mains with 3.75 kV electric strength)	non SELV applications

TECHNICAL DRAWINGS

