

EMERGENCY LIGHT KIT for CONSTANT VOLTAGE or CONSTANT CURRENT LED



- Instant emergency operation at mains failure.
- Maintained or not maintained operation (maintained operation suitable with electronic drivers or dimmable electronic drivers).
- Multi-power dimmable version DIP-SWITCH, constant current or constant voltage to power LED to LED modules.
- "High temperature" Ni-Cd batteries.
- Charge indicator with LED.
- Protection device against extensive discharge.
- "Rest mode" facility with remote control device.
- Self diagnosis system with internal module, optional.
- Reference Norms: EN55015, EN6100-3-2, EN61347-2-13, EN61347-2-7, EN61547.
- Lamps: Power LEDs, LED modules.



Code	Voltage	Frequency	Battery V-Ah	ta °C	tc °C	Charge Time
EKT.001	220-240V	50...60Hz	7.2V-4Ah	0 +55	75	24h

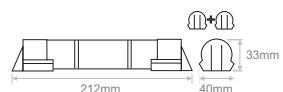
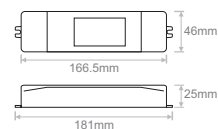
Technical Data:

- Length battery cable: 280mm.
- Length LED cable: 350mm.
- Led mounting hole: 9mm.
- Supply current: 35mA max.
- Terminal blocks max. connection size: 1.5mm²
- Max distance between driver and lamp: 2 meters.

Battery:

- **Rechargeable high temperature Ni-Cd Saft batteries.**
These cells accept a permanent charge for a minimum of 4 years in high-temperature environments (up to +55°C) such as security lighting equipment.
- Constant current during charge.
- Zero maintenance.
- Long cycle life (over 500 charge discharge cycles).

DIP-SWITCH position	Working voltage in an emergency (V)	Output current in an emergency (I)	n° max. power of LED current	Power max. for LED modules voltage
A	12V const.	200mA ± 10%	N _{LED} = 12/V _F	24W
B	24V const.	160mA ± 10%	N _{LED} = 24/V _F	30W
C	46V const.	60mA ± 10%	N _{LED} = 46/V _F	50W
D	9-58V	200-30mA	N _{LED} = 58/V _F	-



DIP-SWITCH positions example:

- A** position, can connect 3 LED with V_F 3.5V or 1 LED V_F 10V, or a strip LED 12V-24W max.
- B** position, can connect 6 LED with V_F 3.7V or 2 LED V_F 10V, or a strip LED 24V-30W max.
- C** position, can connect 12 LED with V_F 3.7V or 4 LED V_F 10V.
- D** position, can connect 18 LED with V_F 3.2V or 3 LED V_F 17V.