

# EMERGENCY LIGHT KIT 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 to power 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.014	220-240V	50...60Hz	7.2V-4Ah	0 +55	75	24h

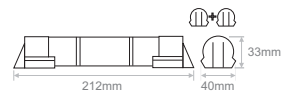
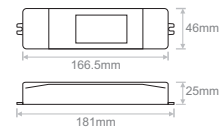
### Technical Data:

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

### Battery:

- **Rechargeable high temperature Ni-Cd batteries.**  
These cells accept a permanent charge for a minimum of 4 years in high-temperature environments (up to +50°C) such as security lighting equipment.
- Constant current during charge.
- Zero maintenance.
- Long cycle life (over 500 charge discharge cycles).
- Do not store battery and kit connected together.

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	9-12V	220mA	N <sub>LED</sub> = 12/N <sub>F</sub>	20W
B	9-24V	220-170mA	N <sub>LED</sub> = 24/N <sub>F</sub>	40W
C	9-46V	220-75mA	N <sub>LED</sub> = 46/N <sub>F</sub>	-
D	9-58V	220-20mA	N <sub>LED</sub> = 58/N <sub>F</sub>	-



### DIP-SWITCH positions example:

- A** position, can connect 3 LED with V<sub>F</sub> 3.5V or 1 LED V<sub>F</sub> 11V, 20W max.
- B** position, can connect 6 LED with V<sub>F</sub> 3.7V or 2 LED V<sub>F</sub> 12V, 40W max.
- C** position, can connect 12 LED with V<sub>F</sub> 3.7V or 4 LED V<sub>F</sub> 11V.
- D** position, can connect 18 LED with V<sub>F</sub> 3.2V or 3 LED V<sub>F</sub> 18V.