Emergency light KIT for power LED and LED modules
KIT per luce d’emergenza per power LED e moduli LED

**TCI professional LED applications**

**Made in Italy**

**LED emergency KIT**

**KIT emergenza LED**

**www.tci.it**

**8.**

**Supply current**

2 - 4,5 W

**Power**

Potenza

50-60 Hz

Frequenza

**Frequenza**

220 - 240 V

Tensione

Voltage

**Voltage**

220 - 240 V

**Frequency**

Frequenza

50-60 Hz

**Potenza**

2 - 4,5 W

**Charge time**

Tempo di ricarica

1-3 h

**Operating time**

Autonomia

1-3 h

**Charge time**

Tempo di ricarica

12/24 h

**Max. pcs for CB B16A**

(see page info17)

27 pcs

**In rush current**

27A 250µsec

**DIP-SWITCH**

**SAFETY PROTECTION**

**EMERGENCY DURATION**

**GREEN SIGNAL LED INCLUDED**

**Ni-Cd BATTERY**

Battery case

**Ni-MH BATTERY**

Battery case

<table>
<thead>
<tr>
<th>Article</th>
<th>Codice</th>
<th>ex ELDN T code</th>
<th>24h CHARGE</th>
<th>12h CHARGE</th>
<th>Battery case</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELED HP</td>
<td>123023</td>
<td>123010</td>
<td>1h</td>
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<tr>
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Only emergency driver, NO BATTERY - Solo driver emergenza, NO BATTERY

- Class II protection against electric shock for direct or indirect contact (ELED HP).
- It can be used for lighting equipment in protection class I and II (ELED HP BI).
- 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 / Ni-MH batteries.
- Charge indicator with GREEN LED.
- “Rest mode” facility with remote control device and 9V battery.
- Keep the battery not connected to the kit until the final installation of the system (luminaire installation).
- Do not stock battery and kit connected together.

**Technical data**

- Length battery cable: 280 mm / 11”.
- Length LED cable: 350 mm / 13,8”.
- LED mounting hole: Ø 9 mm / 0,35”.
- Supply current: 27 (1h) - 35 (3h) mA
- Terminal blocks max. connection size: 1,5 mm² / AWG15.
- Max distance between driver and lamp: 2 mt / 6 ft.
- Instant emergency operation at mains failure.
- “High temperature” Ni-Cd / Ni-MH batteries.
- Charge indicator with GREEN LED.
- “Rest mode” facility with remote control device and 9V battery.
- Keep the battery not connected to the kit until the final installation of the system (luminaire installation).
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**Article**

**Codice**

**ex ELDN T code**

**24h CHARGE**

**12h CHARGE**

**GREEN SIGNAL LED INCLUDED**

**Ni-Cd BATTERY**

Battery case

**Ni-MH BATTERY**

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- Terminal blocks max. connection size: 1,5 mm² / AWG15.
- Max distance between driver and lamp: 2 mt / 6 ft.
- Protetto in classe il contro le scosse elettriche per contatti diretti e indiretti (ELED HP).
- Utilizzabile per apparecchi di illuminazione in classe di protezione I e II (ELED HP BI).
- Intervento istantaneo ad ogni mancanza di rete.
- Funzionamento in sola emergenza o in luce continua (luce continua in abbinamento con alimentatori elettronici o alimentatori elettronici dimmerabili).
- Batterie tipo Ni-Cd / Ni-MH “alta temperatura”.
- Indicatore di ricarica con LED VERDE.
- Possibilità d’inibizione in “modo riposo” con interruttore esterno centralizzato connesso a batteria 9V.
- Mantenere la batteria non connessa al KIT fino all’installazione finale del sistema (installazione della lampada).
- Non immagazzinare collegati tra loro batteria e KIT.

**Dati tecnici**

- Lunghezza cavo LED: 350 mm / 13,8”.
- Foro di montaggio LED: Ø 9 mm / 0,35”.
- Corrente di alimentazione: 27 (1h) - 35 (3h) mA
- Portata morsettiera: 1,5 mm² / AWG15.
- Distanza massima dall’alimentatore della lampada: 2 m / 6 ft.
**ELED HP**

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- **Weight - Peso:**
  - gr. - / - oz.
  - Pcs - Pezzi 1

**8. LED emergency KIT**

**KIT emergenza LED**

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**Wiring diagrams - Schemi di collegamento** (max. LED distance: 2 mt / 6 ft - Distanza max. LED: 2 mt / 6 ft).

**Non-maintained (emergency only) diagram**

Collegamento non permanente (solo emergenza)

**Maintained with external electronic driver diagram**

Collegamento permanente (illuminazione ordinaria)

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**ELED HP 1h**

- **DIP-SWITCH**
- **Working voltage during emergency (V):** Tensione di lavoro in emergenza (V)
- **Output current during emergency (I):** Corrente in uscita in emergenza (I)
- **Power max. for LED modules:** Potenza max. per moduli LED

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<thead>
<tr>
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<th>Output current during emergency (I)</th>
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<tbody>
<tr>
<td>A</td>
<td>12 V cost.</td>
<td>200 ± 10%</td>
<td>24 W</td>
</tr>
<tr>
<td>B</td>
<td>24 V cost.</td>
<td>160 ± 10%</td>
<td>30 W</td>
</tr>
<tr>
<td>C</td>
<td>46 V cost.</td>
<td>60 ± 10%</td>
<td>50 W</td>
</tr>
<tr>
<td>D</td>
<td>9...58 V</td>
<td>200...30mA</td>
<td></td>
</tr>
</tbody>
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**ELED HP 3h**