

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

Made in Italy

constant CURRENT constant VOLTAGE



ELED HP



ELED HP BI

**Voltage**  
Tensione  
220 - 240 V

**Frequency**  
Frequenza  
50-60 Hz

**Potenza**  
Power  
2 - 4,5 W

**Supply current**  
Corrente di alimentazione  
27 (1h) - 35 (3h) mA

**Operating time**  
Autonomia  
1-3 h  
With TCI battery  
Con batteria TCI

**Charge time**  
Tempo di ricarica  
12/24 h

ta °C: 0...+55

tc °C: 75

**Standards compliance**  
EN 55015  
EN 61000-3-2  
EN 61347-2-13  
EN 61347-2-7  
EN 61547

**Max. pcs for CB B16A**  
(see page info17)  
27 pcs

**In rush current**  
27A 250µsec

Only for emergency kit  
Solo per kit emergenza

| Article<br>Articolo | Code<br>Codice | ex ELDN T<br>code | EMERGENCY DURATION |               | GREEN SIGNAL<br>LED INCLUDED | Ni-Cd BATTERY                      |                                  |                                   | Battery case |           |
|---------------------|----------------|-------------------|--------------------|---------------|------------------------------|------------------------------------|----------------------------------|-----------------------------------|--------------|-----------|
|                     |                |                   | 24h<br>CHARGE      | 12h<br>CHARGE |                              | 7,2 V - 1,6 Ah<br>COMPACT-COMPATTI | 7,2 V - 4 Ah<br>COMPACT-COMPATTI | 2x 3,6 V - 4 Ah<br>LINEAR-LINEARE | BOX<br>1h    | BOX<br>3h |
| ELED HP             | 123023         | 123010            | 1h                 | -             | ✓                            | ✓                                  |                                  |                                   |              |           |
| ELED HP KIT         | 123023K        | 123010K           | 1h                 | -             | ✓                            | ✓                                  |                                  |                                   | ✓            |           |
| ELED HP BI          | 123024         | -                 | 1h                 | -             | ✓                            | ✓                                  |                                  |                                   |              |           |
| ELED HP/3           | 123023/3       | 123010/3          | 3h                 | 1,5h          | ✓                            |                                    |                                  | ✓                                 |              |           |
| ELED HP/3 KIT       | 123023/3K      | 123010/3K         | 3h                 | 1,5h          | ✓                            |                                    | ✓                                |                                   |              | ✓         |
| ELED HP/3 BI        | 123024/3       | -                 | 3h                 | 1,5h          | ✓                            |                                    |                                  | ✓                                 |              |           |

| Article<br>Articolo | Code<br>Codice | EMERGENCY DURATION |               | GREEN SIGNAL<br>LED INCLUDED | Ni-MH BATTERY                    |                                  |                                   | Battery case |           |
|---------------------|----------------|--------------------|---------------|------------------------------|----------------------------------|----------------------------------|-----------------------------------|--------------|-----------|
|                     |                | 24h<br>CHARGE      | 12h<br>CHARGE |                              | 7,2 V - 2 Ah<br>COMPACT-COMPATTI | 7,2 V - 4 Ah<br>COMPACT-COMPATTI | 2x 3,6 V - 4 Ah<br>LINEAR-LINEARE | BOX<br>1h    | BOX<br>3h |
| ELED HP             | 123025         | 1h                 | 1h            | ✓                            | ✓                                |                                  |                                   |              |           |
| ELED HP KIT         | 123025K        | 1h                 | 1h            | ✓                            | ✓                                |                                  |                                   | ✓            |           |
| ELED HP BI          | 123026         | 1h                 | 1h            | ✓                            | ✓                                |                                  |                                   |              |           |
| ELED HP/3           | 123025/3       | 3h                 | 1,5h          | ✓                            |                                  |                                  | ✓                                 |              |           |
| ELED HP/3 KIT       | 123025/3K      | 3h                 | 1,5h          | ✓                            |                                  | ✓                                |                                   |              | ✓         |
| ELED HP/3 BI        | 123026/3       | 3h                 | 1,5h          | ✓                            |                                  |                                  | ✓                                 |              |           |

| Only emergency driver, NO BATTERY - Solo driver emergenza, NO BATTERY |                |                   | EMERGENCY DURATION |               | GREEN SIGNAL<br>LED INCLUDED |
|-----------------------------------------------------------------------|----------------|-------------------|--------------------|---------------|------------------------------|
| Article<br>Articolo                                                   | Code<br>Codice | ex ELDN T<br>code | 24h<br>CHARGE      | 12h<br>CHARGE |                              |
| ELED HP                                                               | 123023NB       | 123010NB          | 1h                 | -             | ✓                            |
| ELED HP BI                                                            | 123024NB       | -                 | 1h                 | -             | ✓                            |
| ELED HP/3                                                             | 123023/3NB     | 123010/3NB        | 3h                 | 1,5h          | ✓                            |
| ELED HP/3 BI                                                          | 123024/3NB     | -                 | 3h                 | 1,5h          | ✓                            |

- 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 mm<sup>2</sup> / AWG15.
- Max distance between driver and lamp: 2 mt / 6 ft.

- Protetto in classe II 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 e alimentatori elettronici dimmerabili).
- Regolazione con DIP-SWITCH, per power LED a corrente costante o per moduli LED a tensione costante.
- 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.**

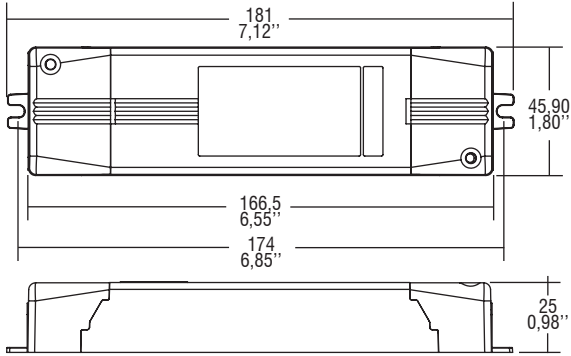
### Dati tecnici

- Lunghezza cavo batteria: 280 mm / 11".
- 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 morsetteria: 1,5 mm<sup>2</sup> / AWG15.
- Distanza massima dall'alimentatore dalla lampada: 2 m / 6 ft.

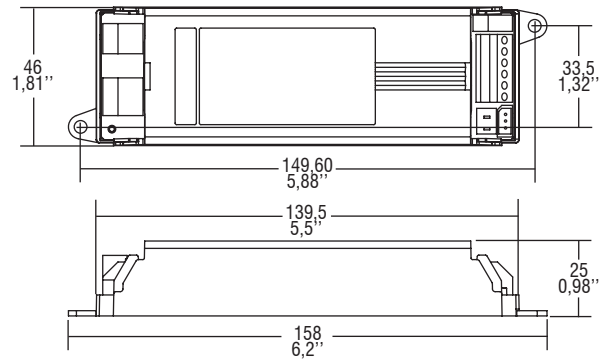
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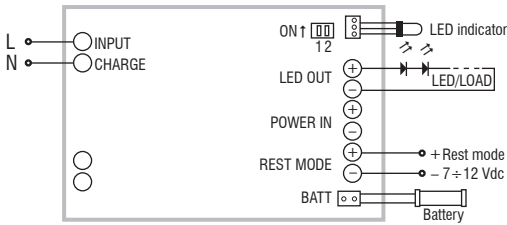
**IP 20** **SCREW FIXING**  $\varnothing 56$  2,20" Weight - Peso: gr. 58 / 2,04 oz. Pcs - Pezzi 1



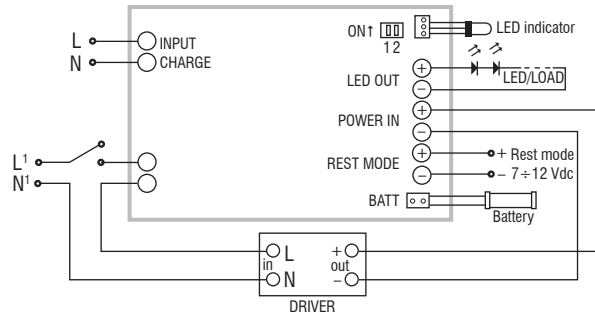
**BUILT-IN** **SCREW FIXING** Weight - Peso gr. 47 / 1,65 oz. Pcs - Pezzi 25



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

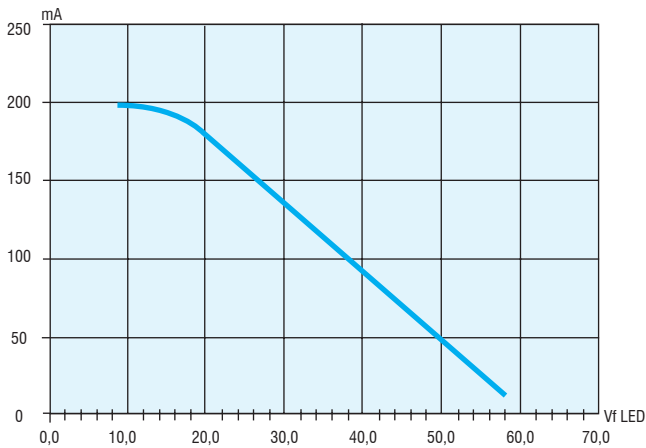


Non-maintained (emergency only) diagram  
Collegamento non permanente (solo emergenza)

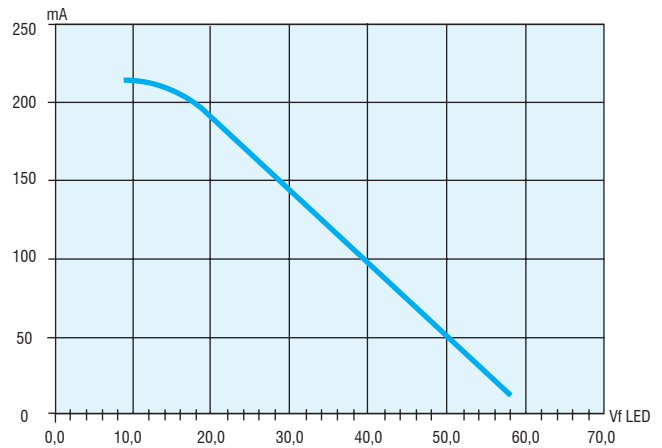


Maintained with external electronic driver diagram  
Collegamento permanente (illuminazione ordinaria)

**ELED HP 1h**



**ELED HP 3h**



| Dip-Switch position | Emergency working voltage (VL) | Emergency output current (1h) | Emergency output current (3h) | Max LED modules voltage controlled |
|---------------------|--------------------------------|-------------------------------|-------------------------------|------------------------------------|
| <b>A</b>            | 9-12 V                         | 200 mA                        | 220 mA                        | 20 W                               |
| <b>B</b>            | 9-24 V                         | 200-160 mA                    | 220-170 mA                    | 40 W                               |
| <b>C</b>            | 9-46 V                         | 200-70 mA                     | 220-75 mA                     | -                                  |
| <b>D</b>            | 9-58 V                         | 200-25 mA                     | 220-20 mA                     | -                                  |

LED emergency KIT  
KIT emergenza LED

**8.**