

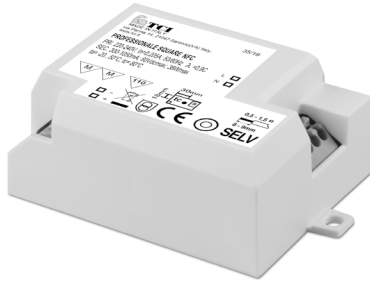
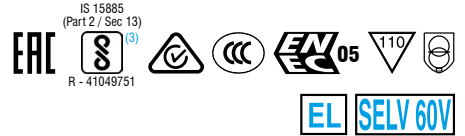
# PROFESSIONALE SQUARE 38 NFC

TCI LED

Direct current electronic drivers with NFC  
Alimentatori elettronici in corrente continua con NFC

Made in Italy 

 constant CURRENT



2.1

Multipower drivers - Compact case - Not dimmable  
Alimentatori multipotenza - Formato compatto - Non regolabili



**Rated Voltage**  
Tensione Nominale  
220 ÷ 240 V

**Frequency**  
Frequenza  
50-60 Hz

**AC Operation range**  
Tensione di utilizzo AC  
198 ÷ 264 V

**DC Operation range**  
Tensione di utilizzo DC  
(see page info15)  
176 ÷ 275 V

**Power - Potenza**  
3 ÷ 38 W

**iTHD**  
≤ 10% <sup>(1)</sup>

**Output current ripple**  
≤ 3% <sup>(1)</sup>

**Standards compliance**  
EN 55015  
EN 61000-3-2  
EN 61000-3-3  
EN 61347-1  
EN 61347-2-13  
EN 61547

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

**In rush current**  
5A 50µsec

Article Articolo	Code Codice	P out W	V out DC	I out DC	U out V	ta °C	tc °C	λ max. Power Factor	η max. Efficiency <sup>(1)</sup>
PROFESSIONALE SQUARE NFC	142024	3...38	10...48	300...1050 mA cost.	60	-25...+50	80	0,9 C <sup>(2)</sup>	> 90 %

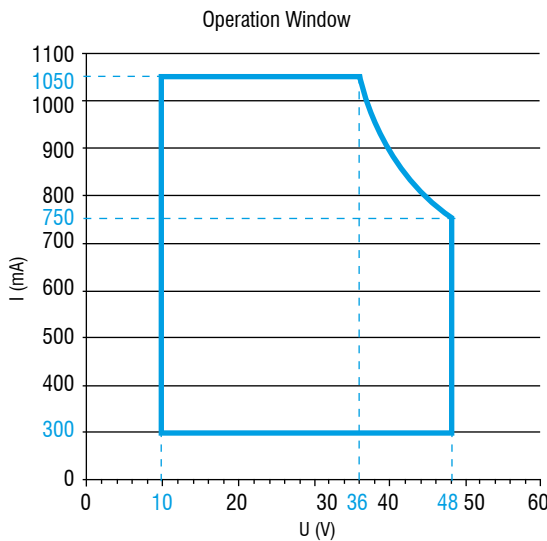
<sup>(1)</sup> Referred to  $V_{in} = 230 V$ , 100% load - Riferito a  $V_{in} = 230 V$ , carico 100%

<sup>(2)</sup>  $P_{out} \geq 11 W$

<sup>(3)</sup> 142024BIS: order code for BIS marked product - codice di ordine per il prodotto marchiato BIS

Light output level in DC operation: Factory default 100% EoFi=1

Livello di emissione luminosa in funzionamento DC: Impostazioni di fabbrica 100% EoFi=1



## Features

- Driver for built-in use.
- It can be used for lighting equipment in protection class I and II.
- Active Power Factor Corrector.
- Current regulation  $\pm 5\%$  including temperature variations.
- Input and output terminal blocks on opposite sides (wire cross-section up to 1,5 mm<sup>2</sup> / AWG15).
- Driver can be secured with slot for screws.
- Protections:
  - against overheating and short circuits;
  - against mains voltage spikes;
  - against overloads.
- Thermal protection = C.5.a.

## Caratteristiche

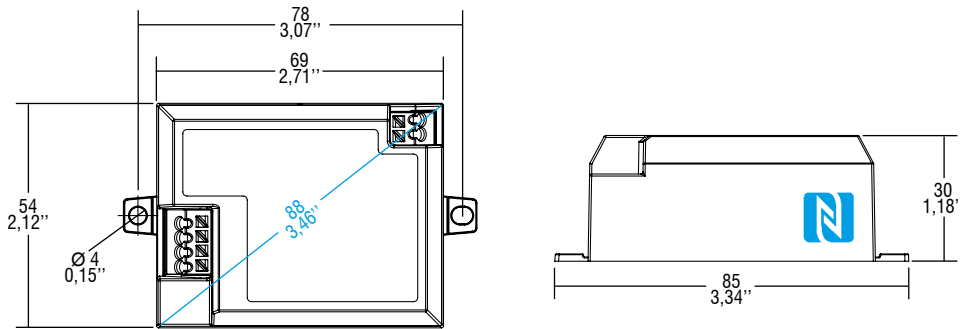
- Alimentatore da incorporare.
- Utilizzabile per apparecchi di illuminazione in classe di protezione I e II.
- PFC attivo.
- Corrente regolata  $\pm 5\%$  incluse variazioni di temperatura.
- Morsetti di entrata e uscita contrapposti (sezione cavo fino a 1,5 mm<sup>2</sup> / AWG15).
- Fissaggio dell'alimentatore tramite asole per viti.
- Protezioni:
  - termica e cortocircuito;
  - contro le extra-tensioni di rete;
  - contro i sovraccarichi.
- Protezione termica = C.5.a.



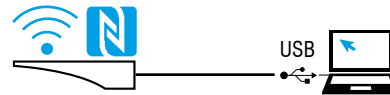
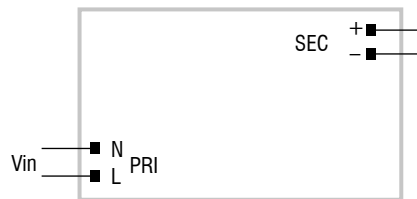
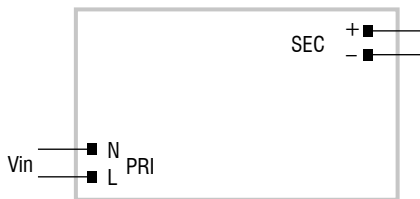
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**BUILT-IN SCREW FIXING** Weight - Peso gr. 100 / 3,5 oz.  
Pcs - Pezzi - 50



**Wiring diagram - Schema di collegamento** (Max. LED distance on page info8 - Massima distanza LED a pagina info8)



WIRELESS PROGRAMMING diagram  
Collegamento per PROGRAMMAZIONE WIRELESS

Article - Articolo	Code - Codice
NFC-A PROGRAMMING TOOL FEIG ISC.PRH101	127095A
NFC-B PROGRAMMING TOOL FEIG CPR30-USB	127101
<a href="#">LINK TO DOWNLOAD PROGRAMMING SOFTWARE</a> <a href="#">LINK PER SCARICARE SOFTWARE DI PROGRAMMAZIONE</a>	

### Operation Mode

- **WIRELESS PROGRAMMING** through **NFC** antenna.
- Programmable features:
  - output current setting, step 1mA;
  - Password (lock/unlock programming).

### Modalità di funzionamento

- La **PROGRAMMAZIONE WIRELESS** avviene attraverso l'antenna **NFC**.
- Caratteristiche programmabili:
  - settaggio corrente di uscita, step 1mA;
  - Password (abilitare/disabilitare programmazione).

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