

USER GUIDE

LE4035TF, LE4050TF, LE4070TF

Phase-Cut constant current LED drivers



General Characteristics

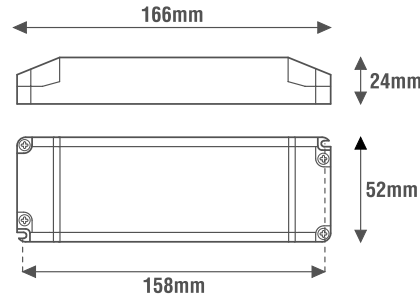
Plastic case
Driver for independent mounting
Electric class protection II
Protection degree IP20

Reference Standards

EN 55015
EN 61000-3-2
EN 61000-3-3
EN 61347-1
EN 61347-2-13
EN 61547
EN 62493



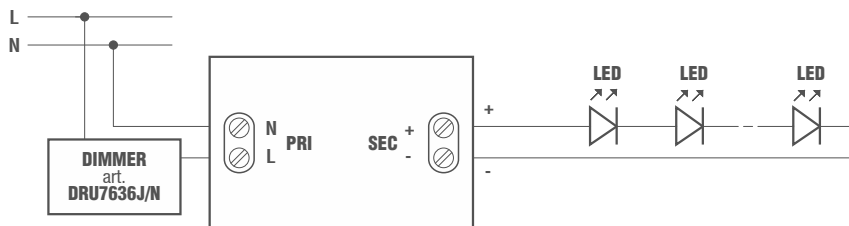
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Dimmerazione a Taglio di Fase discendente (a fine fase) IGBT Trailing Edge
Descending Phase Cutting dimming (at the end of the phase) IGBT Trailing Edge
Dimmerazione a Taglio di Fase ascendente (a inizio fase) TRIAC Leading Edge
Ascending Phase Cutting dimming (at the beginning of the phase) TRIAC Leading Edge

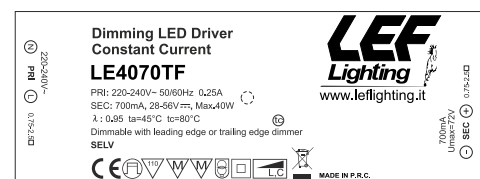
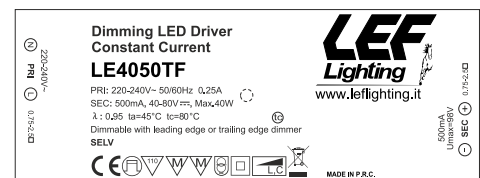
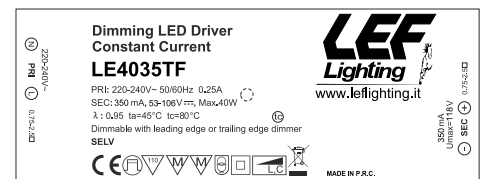
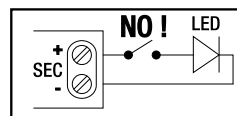
CODICE CODE	Tensione di ingresso Input voltage (Vac)	Frequenza di rete Input frequency (Hz)	Potenza di uscita Output power (W)		N°LED MIN - MAX	Tensione di uscita Output voltage (Vdc)	Corrente di uscita Output current (mA)	PFC (λ)	CC CV	Peso Weight (g)
			MIN	MAX						
LE4035TF	220-240	50÷60	18,5	37,1	17-30	53-106	350	0,95	CC	180
LE4050TF			20	40	13-23	40-80	500			
LE4070TF			19,6	39,2	9-16	28-56	700			

Wiring Diagram



Technical Feature

- Input voltage range 220-240Vac
- Input frequency 50÷60Hz
- Constant current output 350mA (LE4035TF)
- Constant current output 500mA (LE4050TF)
- Constant current output 700mA (LE4070TF)
- Phase-cut dimmable with mode:
 - TRIAC Leading-Edge
 - IGBT Trailing-Edge
- Energy Efficiency (EE):
 - 85% (LE4050TF)
 - 86% (LE4035TF | LE4070TF)
- Open circuit Protection (OCP)
- Overload protection (OLP)
- Protection against overtemperature (OTP)
- Short circuit protection (SCP)
- Power factor correction (PFC) $\lambda \geq 0,95$
- Operating ambient temperature T_a -20°C ÷ +45°C
- Max case temperature on T_c 80°C



N.B.
Power supply not suitable for no-load operation.

ATTENTION:
The installation of the product must be followed by qualified personnel.
If the product is used for purposes other than the original ones or if it is connected incorrectly, LEF Lighting S.R.L. will not accept any responsibility for damages caused.

MADE IN P.R.C. PRODUCT TO BE DISPOSED DIFFERENTLY FROM URBAN WASTE AEE Identification nr.IT1804000010321
