

USER GUIDE

LE5012TF, LE5024TF

Phase-cut dimmable constant voltage (CV) LED drivers



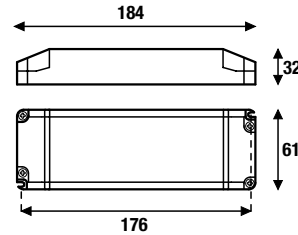
www.lef Lighting.it

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 62384

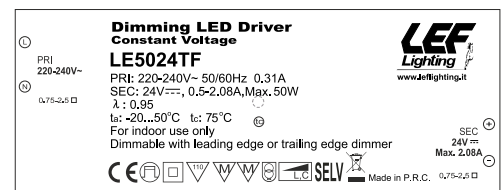
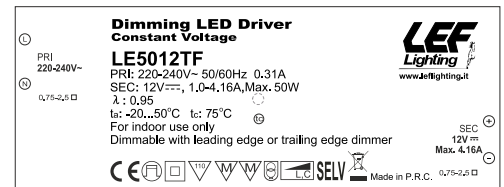
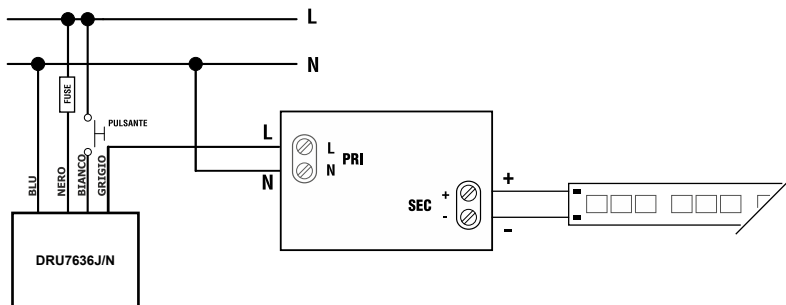


Dimmerazione a Taglio di Fase ascendente (a inizio fase) TRIAC Leading Edge
Ascending Phase Cutting Dimming (at the beginning of the phase) TRIAC Leading Edge

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

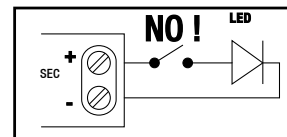
CODICE CODE	Tensione di ingresso Input voltage (Vac)	Frequenza di rete Input frequency (Hz)	Potenza di uscita Output power (W)		Comando Command	Tensione di uscita Output voltage (Vdc)	Corrente di uscita Output current (mA)		PFC (λ)	CC CV	Peso Weight (g)
			MIN	MAX			MIN	MAX			
LE5012TF	220-240	50÷60	12	50	TRIAC-IGBT	12	1000	4160	0,95	CV	240
LE5024TF						24	500	2080			

Wiring Diagram



Technical Feature

Input voltage range 220-240Vac
Input frequency 50÷60Hz
Constant voltage output 12Vdc (LE5012TF)
Constant voltage output 24Vdc (LE5024TF)
Phase-cut dimmable with mode:
- TRIAC Leading-Edge
- IGBT Trailing-Edge
Energy Efficiency (EE): 85% (LE5012TF, LE5024TF)
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 ÷ +50°C
Max case temperature on T_c 75°C

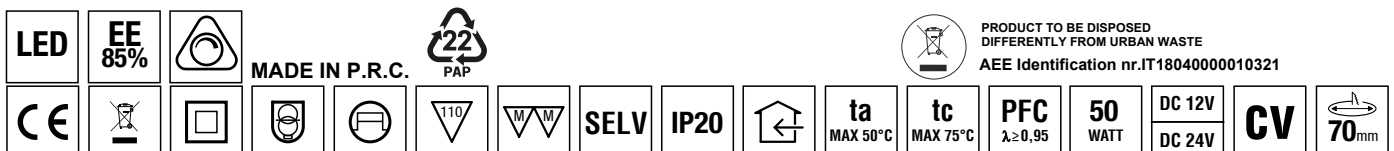


N.B.

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.



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