

USER GUIDE

LEMC18TF

Phase-cut dimmable constant multicurrent LED driver (CC)



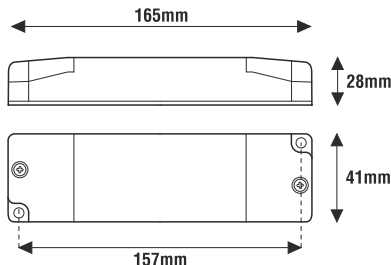
www.lef-lighting.it

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

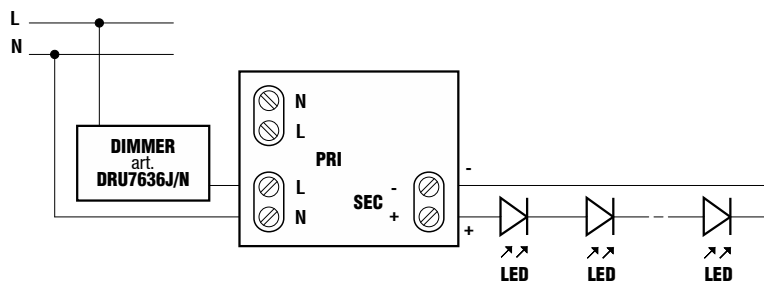


Dimmerazione a Taglio di Fase discendente (a fine fase) IGBT Trailing Edge
Descending Phase Cutting dimming (at the end of the phase) IGBT Trailing Edge

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)	Comando Command	Tensione di uscita Output voltage (Vdc)	Corrente di uscita Output current (mA)	PFC (λ)	CC CV	Peso Weight (g)
LEMC18TF	220-240	50÷60	15	TRIAC IGBT	3-30	500	0,93	CC	150
			17		3-28	600			
			18		3-26	700			
			18		3-24	750			

Wiring diagram



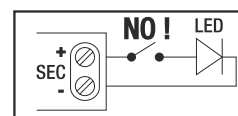
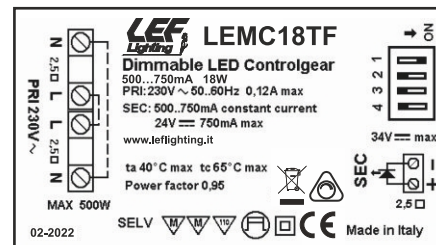
OFF



Potenza Power (W)	Corrente MAX MAX Current (mA)	OUTPUT DIP-SWITCH			
		1	2	3	4
15	500	○	○	○	○
17	600	●	○	○	○
18	700	●	●	○	○
18	750	●	●	●	●

Technical Feature

Input voltage range 220-240Vac
Input frequency 50÷60Hz
Constant current output 500÷750mA
(settings by dip-switch)
Factory setting: 500mA
Phase-cut dimmable with mode:
- TRIAC Leading-Edge
- IGBT Trailing-Edge
Energy Efficiency (EE) 79%
Open circuit Protection (OCP)
Protection against overtemperature (OTP)
Short circuit protection (SCP)
Power factor correction (PFC) $\lambda \geq 0,93$
Operating ambient temperature $T_a -10^\circ\text{C} \div +40^\circ\text{C}$
Max case temperature on $T_c 65^\circ\text{C}$



N.B.

Power supply not suitable for
no-load operation.

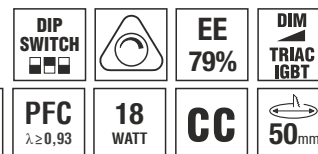
ATTENTION:

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.



PRODUCT TO BE DISPOSED
DIFFERENTLY FROM URBAN WASTE
AEE Identification nr.IT18040000010321

MADE IN ITALY



LEF LIGHTING S.R.L. | www.lef-lighting.it

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