

USER GUIDE

LEMC18TF

Phase-cut dimmable constant multicurrent LED driver (CC)



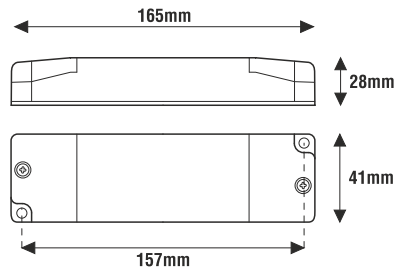
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General Characteristics

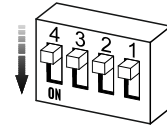
Plastic case
Driver for independent mounting
Electric class protection II
Protection degree IP20

Technical Features

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:
- **LE Leading-Edge**
- **TE 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 $T_c 65^\circ\text{C}$



LED current selection



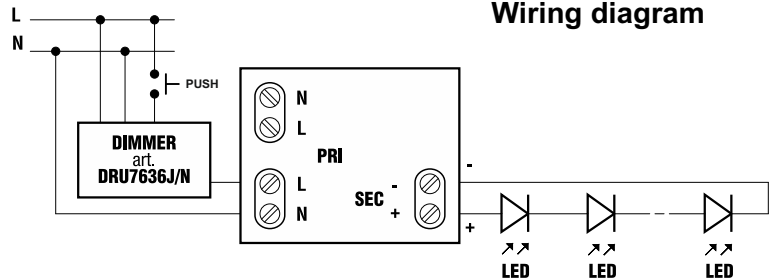
(ON) POSITION OF THE DIP-SWITCHES
FACING DOWNWARDS

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



Ascending Phase-cut dimmable (at the beginning of the phase) LE Leading Edge Descending Phase-cut dimmable (at the end of the phase) TE 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)
LEMC18TF	220-240	50÷60	15	LE TE	3-30	500	0,93	CC	150
			17		3-28	600			
			18		3-26	700			
			18		3-24	750			



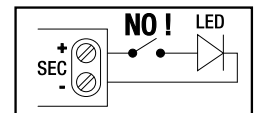
Wiring diagram

Reference Standards

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

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.



N.B.

Device not suitable for no-load operation.



PRODUCT TO BE DISPOSED
DIFFERENTLY FROM URBAN WASTE
AEE identification nr.18040000010321

MADE IN ITALY



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