

USER GUIDE

LEMC8TF, LEMC15TF, LEMC25TF

Constant multicurrent LED drivers (CC) with Phase-Cut control

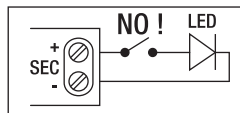
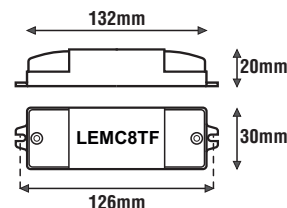
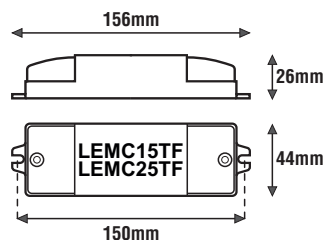


General Characteristics

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

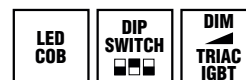
Reference Standards

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



N.B.

Power supply not suitable for
no-load operation.

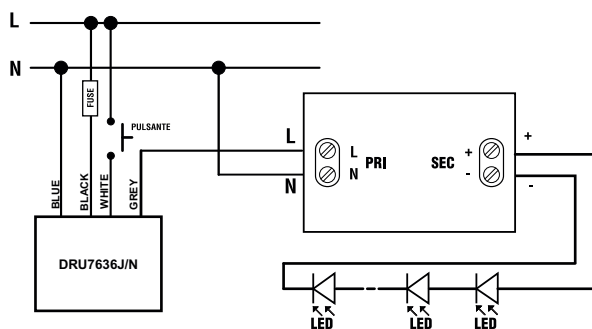


CODICE CODE	Tensione di ingresso Input voltage (Vac)	Frequenza di rete Input frequency (Hz)	Potenza di uscita Output power (W)	Comando Command	Tensione di uscita Output voltage (Vdc)	Corrente di uscita Output current (mA)	PFC (λ)	CC CV	Peso Weight (g)
LEMC8TF	220-240	50÷60	5	TRIAC IGBT	21-42	120*	0,80	CC	80
			6,3			150	0,90		
			7,5			180	0,95		
			8			200	0,95		
LEMC15TF	220-240	50÷60	8,4	TRIAC IGBT	21-42	200*	0,80	CC	100
			11			260	0,90		
			12,6			300	0,95		
			15			350	0,95		
LEMC25TF	220-240	50÷60	15	TRIAC IGBT	21-42	350*	0,90	CC	110
			19			450	0,95		
			21			500	0,95		
			25			600	0,95		

OUTPUT DIP-SWITCH			
Codice Code	Potenza Power (W)	Corrente MAX MAX Current (mA)	1 2 3
LEMC8TF	5	120*	- - -
	6,3	150	ON - -
	7,5	180	ON ON -
	8	200	ON ON ON
LEMC15TF	8,4	200*	- - -
	11	260	ON - -
	12,6	300	ON ON -
	15	350	ON ON ON
LEMC25TF	15	350*	- - -
	19	450	ON - -
	21	500	ON ON -
	25	600	ON ON ON

* Factory setting

WIRING DIAGRAM



Technical Features

Input voltage range 220-240Vac

Input frequency 50÷60Hz

Constant current output 120÷200mA (LEMC8TF)

Constant current output 200÷350mA (LEMC15TF)

Constant current output 350÷600mA (LEMC25TF)

(settings by dip-switch)

Phase-cut dimmable with mode:

- TRIAC Leading-Edge

- IGBT Trailing-Edge

Energy efficiency (EE):

- 79% (LEMC8TF)

- 82% (LEMC15TF, LEMC25TF)

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

Operating ambient temperature T_a -20°C ÷ +45°C (LEMC25TF)

Max case temperature on T_c 80°C

Max case temperature on T_c 85°C (LEMC25TF)

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 P.R.C.

