

# USER GUIDE

## LEMC42E

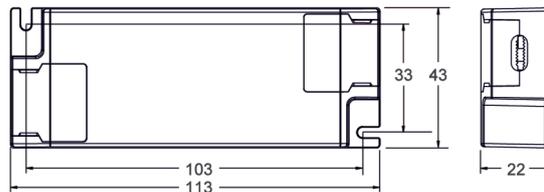
Constant multicurrent LED driver (CC)



www.lef lighting.it

### General Characteristics

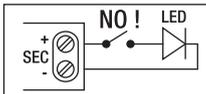
Plastic case  
Driver for independent mounting  
Electric class protection II  
Protection degree IP20



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						
LEMC42E	220-240	50±60	18,9	37,8	ON-OFF	21-42	900	0,95	CC	90
			19,9	39,9			950			
			21	42			1000			
			22	42			1050			
					21-40	1050				



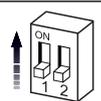
EE  
93%



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

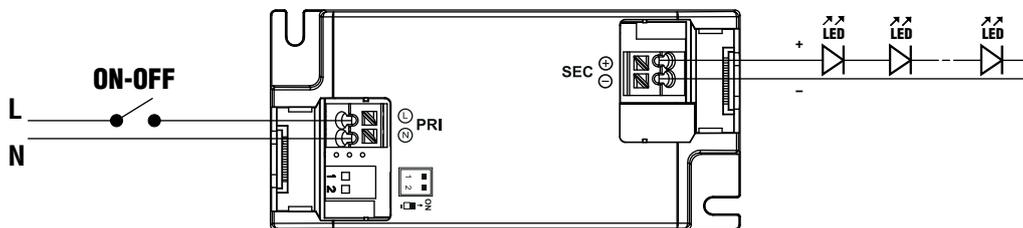
**!** Changing settings when the  
device is not powered

DIP SWITCHES WITH  
ON AT THE TOP



#### OUTPUT DIP-SWITCH

Potenza Power (W)	Corrente MAX MAX Current (mA)	1	2
18,9-37,8	900	-	-
19,9-39,9	950	ON	-
21-42	1000	-	ON
22-42	1050	ON	ON



### Technical Features

Input voltage range 220-240Vac  
Input frequency 50±60Hz  
Input voltage range 176-280Vdc  
Input frequency 0Hz  
**Constant current output 900÷1050mA**  
(settings by dip-switch)  
**Factory setting: 900mA**  
Energy Efficiency (EE) 93%  
Open circuit Protection (OCP)  
Overload protection (OLP)  
Protection against overtemperature (OTP)  
Protection against overvoltage (OVP)  
Short circuit protection (SCP)  
Operating ambient temperature Ta -20°C ÷ +50°C  
Max case temperature on Tc 85°C

### Reference Standards

EN 55015  
EN 61000-3-2  
EN 61000-3-3  
EN 61347-1  
EN 61347-2-13  
EN 61547  
EN 62384  
EN 62493

### 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.

Constant Current LED Driver  
**LEMC42E**

Un: 220-240V~, fn: 50/60Hz, In: 0.25A  
λ: 0,95  
ta: -20...+50°C tc: +85°C

1	2	Iout (mA)	Uout (Vdc)	Pout (W)
-	-	900	18,9-37,8	
ON	-	950	19,9-39,9	
-	ON	1000	21,0-42,0	
ON	ON	1050	22,0-42,0	

SEC  
Umax=55Vdc  
0,3-1,5d

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