

# USER GUIDE

## LEMC13110

Dimmable multcurrent LED driver



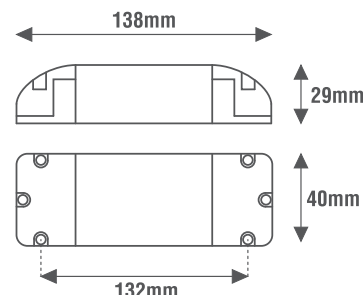
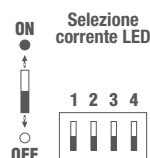
### General Characteristics

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

#### Reference standard

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

Corrente di uscita Output current (mA)	1	2	3	4
100	○	○	○	○
150	●	○	○	○
200	○	●	○	○
250	●	●	○	○
300	●	○	●	○
350	○	●	●	○
400	●	○	○	○
450	●	○	○	●
500	○	●	○	●
550	●	●	○	●
600	●	○	●	●
650	○	●	●	●
700	●	●	●	●



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)
			@110V	@230V						
LEMC13110	110-240	50÷60	3,9	3,9	1-10V	5-39	100	0,50	CC	130
			5,8	5,8			150			
			7,8	7,8			200			
				9,8			250			
				11,7			300			
			9	13		5-37	350			
						5-32	400			
						5-28	450			
						5-26	500			
						5-23	550			
						5-21	600			
						5-20	650			
						5-18	700			

### Technical Features

Input voltage range 110-240Vac

Input frequency 50÷60Hz

**Constant current output 100÷700mA**

(settings by dip-switch)

**Brightness adjustment through:**

- 1-10V signal

«LEVEL MEMORY» and «STATUS MEMORY» function

Open circuit Protection (OCP)

Protection against overtemperature (OTP)

Short circuit protection (SCP)

Power factor correction (PFC)  $\lambda \geq 0,50$

Operating ambient temperature  $T_a$ : -10°C ÷ +40°C

Max case temperature on  $T_c$  70°C



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

MADE IN ITALY

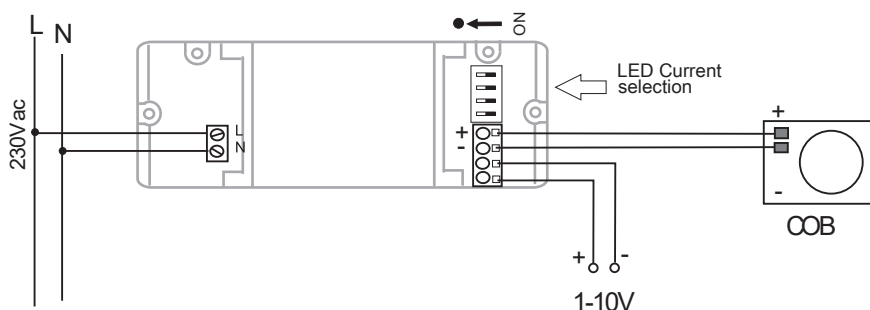


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## Wiring diagrams for LEMC13110

### 1-10V MODE



#### **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.**

#### **Warnings:**

1. Always pay attention to the polarity of the secondary cable.
2. Put the system far from heat sources and in well aerated places.
3. Thermal protection: if the temperature exceeds the limit values, the driver switches OFF and, after few seconds, it switches ON again.
4. Avoid short circuit on the secondary side and give tension only after all LEDs have been connected
5. Lock the terminals carefully and do not with excessive power.
6. **HEAVY USE:** the load must be lower than the maximum indicated by 10% to 20% for all kinds of devices.
7. Check the maximum working temperature at tc point.

