

# USER GUIDE

## LEMC13D

Dimmable multicurrent LED driver

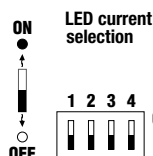


### General Characteristics

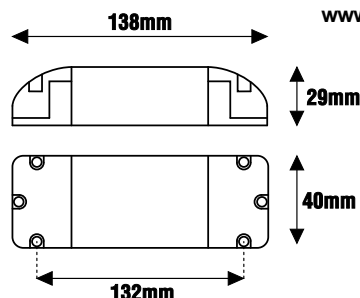
Plastic case  
Driver for independent mounting  
Electric class protection II  
Protection degree IP20

### Reference Standards

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	●	●	●	●



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EE  
75%

LED COB	SYNCR by CABLE	max 10 SLAVE	DIP SWITCH	DALI DT6	DIM DALI	DIM PUSH 230Vac
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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						
LEMC13D	110-240	50÷60	3,9	3,9	PUSH DALI	5-39	100	0,50	CC	130
			5,8	5,8			150			
			7,8	7,8			200			
			9	9,8			250			
				11,7			300			
			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:

- push-button (PUSH 230Vac)

- DALI signal

«LEVEL MEMORY» and «STATUS MEMORY» function

Energy Efficiency (EE) 75%

Open circuit Protection (OCP)

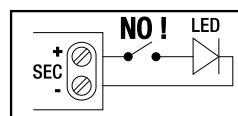
Protection against overtemperature (OTP)

Short circuit protection (SCP)

Power factor correction (PFC) λ ≥ 0,60

Operating ambient temperature Ta -10°C ÷ +40°C

Max case temperature on Tc 70°C

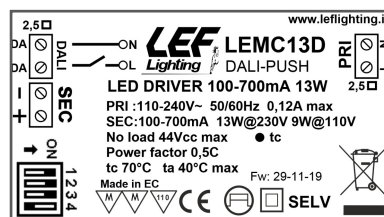


**N.B.**

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.IT1804000010321

MADE IN ITALY



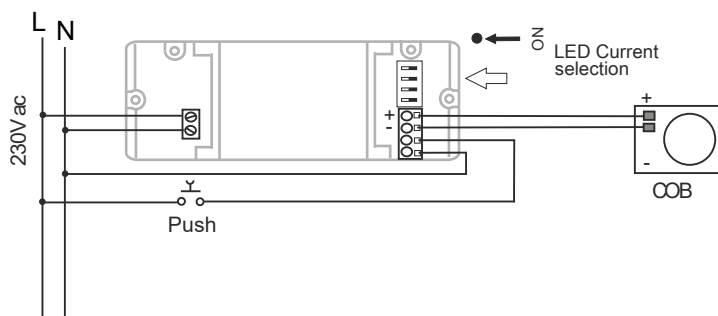
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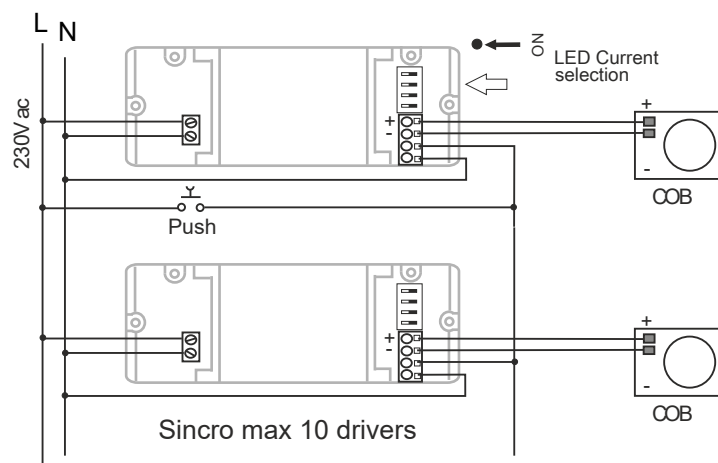
### PUSH MODE (PUSH 230Vac)



Push button control allows ON/OFF through short push and dimming through long pressure.  
In case of mains voltage absence or primary switch the driver keeps in memory the last selected level of light (status memory).  
Use buttons without indicator light.

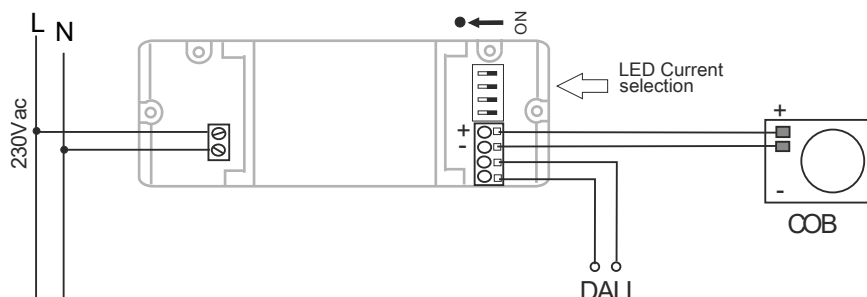
### PUSH MODE (PUSH 230Vac)

SYNCHRONIZATION OF MULTIPLE POWER SUPPLIES



Push button control allows ON/OFF through short push and dimming through long pressure.  
In case of mains voltage absence or primary switch the driver keeps in memory the last selected level of light (status memory).  
**N.B. To synchronize multiple power supplies, press and hold the button for 15 seconds.**

### DALI MODE



#### 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 the point.