

# USER GUIDE

## LE30D

Dimmable constant multicurrent LED driver (CC)

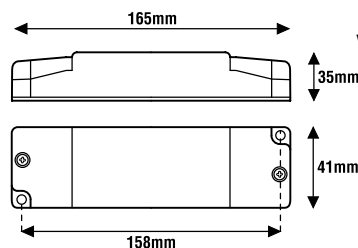


### General Characteristics

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



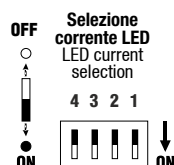
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CODICE CODE	Tensione di ingresso Input voltage (Vac)	Frequenza di rete Input frequency (Hz)	Potenza di uscita Output power (W)		Comando Command	Tensione di uscita Output voltage (Vdc)	Corrente di uscita Output current (mA)	PFC  (λ)	CC CV	Peso Weight  (g)
			@110V	@230V						
LE30D	110-240	50÷60	10	10	PUSH DALI	3-40	250	0,96	CC	175
			15	15		3-42	350			
			19	19			450			
			21	21			500			
				23		550				
				25		3-41	600			
				27			650			
				29			700			
				30		3-40	750			
						3-37	800			
			3-33			900				
			3-30			1000				

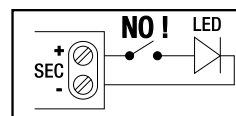
### Technical features

Input voltage range 110-240Vac  
Input frequency 50÷60Hz  
**Constant current output 250÷1000mA**  
(settings by dip-switch)  
Factory setting: 250mA  
**Brightness adjustment through:**  
- push-button (PUSH 230Vac)  
- DALI signal

«LEVEL MEMORY» and «STATUS MEMORY» function  
Energy Efficiency (EE) 86%  
Open circuit Protection (OCP)  
Protection against overtemperature (OTP)  
Short circuit protection (SCP)  
Power factor correction (PFC)  $\lambda \geq 0,96$   
Operating ambient temperature  $T_a -10^{\circ}\text{C} \div +40^{\circ}\text{C}$   
Max case temperature on  $T_c 70^{\circ}\text{C}$



OUTPUT DIP-SWITCH				
SEC (mA)	1	2	3	4
250	-	-	-	-
350	-	-	-	ON
450	-	ON	-	-
500	-	-	ON	-
550	-	ON	-	ON
600	-	-	ON	ON
650	ON	ON	-	-
700	-	ON	ON	-
750	ON	ON	-	ON
800	-	ON	ON	ON
900	ON	ON	ON	-
1000	ON	ON	ON	ON

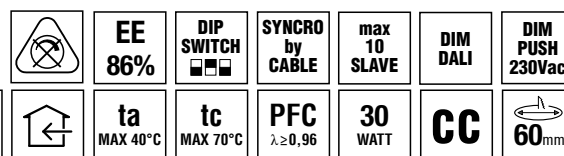
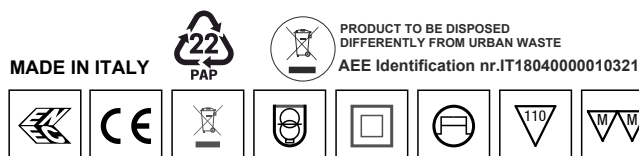


#### N.B.

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.



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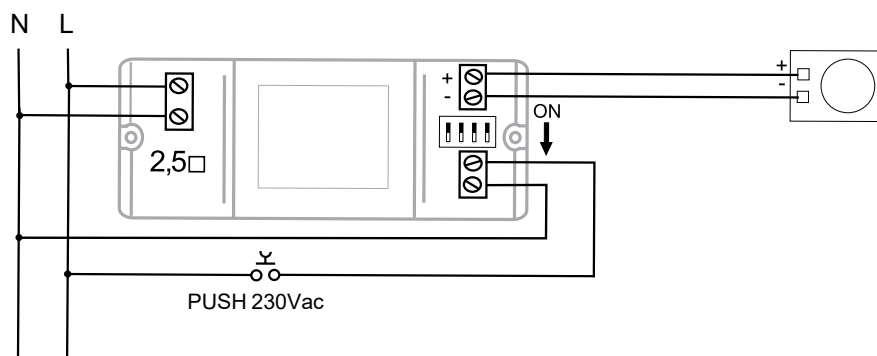
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## LE30D

Wiring diagrams

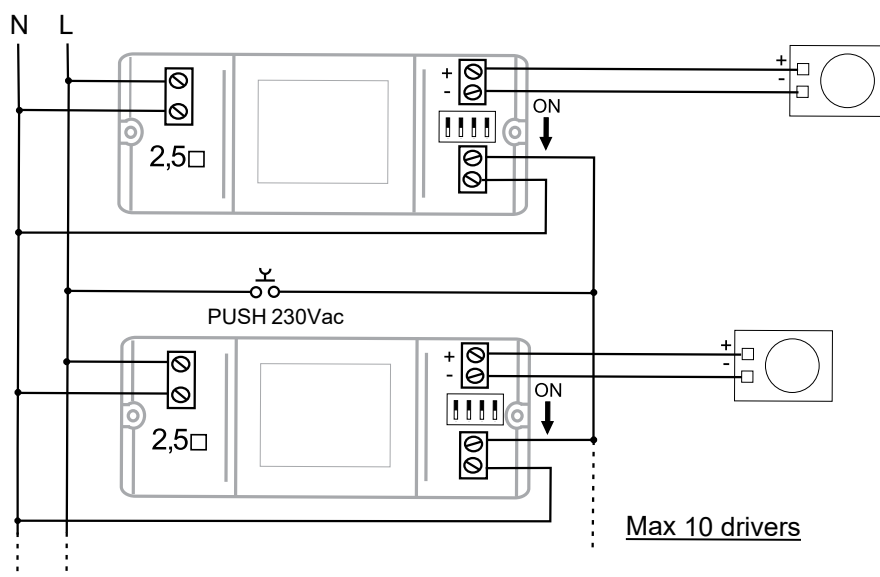


### 230Vac PUSH MODE



### 230Vac PUSH MODE

Synchronization of multiple power supplies by cable



### DALI MODE

