

USER GUIDE LEMC30D

Multicurrent LED power supply dimmable by push button, DALI signal and 1-10V signal



Technical Features

Input voltage range 220-240Vac

Input frequency 50÷60Hz

Constant current output 250÷700mA

(settings by dip-switch)

Factory setting: 700mA

Energy efficiency at full load (EE): 89%

Stand-by power: 0,50W

Brightness adjustment through:

- N.O. Push-button (Normally open) (PUSH 230Vac)

- DALI signal

- 1-10V signal

- 470Kohm potentiometer

«LEVEL MEMORY» and «STATUS MEMORY» function

(after a blackout, the power supply switches back to the state it was in previously).

Synchronization of multiple drivers by cable (max 10 SLAVE)

Open circuit Protection (OCP)

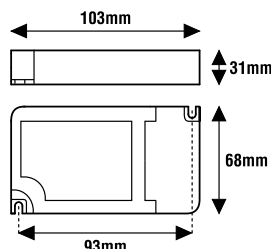
Protection against overtemperature (OTP)

Short circuit protection (SCP)

Power factor correction (PFC) $\lambda \geq 0,95$

Operating ambient temperature $T_a -10^\circ\text{C} \div +45^\circ\text{C}$

Max case temperature on $T_c 75^\circ\text{C}$



LEF LIGHTING S.R.L.
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INPUT:
220-240Vac
50/60Hz, 0.3A Max
 $\lambda \geq 0.95$

OUTPUT:
100Vdc Max
Altri valori vedere tabella

MADE IN P.R.C.

• T_c
 $T_c = 75^\circ\text{C}$,
 $T_a = 45^\circ\text{C}$

RoHS
SELV

ADJUST THE DIP-SWITCHES FOR THE DESIRED OUTPUT CURRENT:

OUTPUT DIP-SWITCH				
Potenza Power (W)	Corrente MAX MAX Current (mA)	1	2	3 4
21	250	-	ON	ON ON
25.2	300	ON	-	ON ON
29.4	350	-	-	ON ON
33.6	400	-	ON	- ON
37.8	450	-	-	- ON
42	500	ON	ON	ON -
41.8	550	-	-	ON -
42	600	-	ON	- -
41.6	650	ON	-	- -
42	700	-	-	- -

LED

EE 89%

Psb 0,50W



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)
LEMC30D	220-240	50÷60	21	PUSH DALI 1-10V POT470KΩ	3-84	250	0,95	CC	190
			25,2			300			
			29,4			350			
			33,6			400			
			37,8			450			
			42			500			
			41,8		3-76	550			
			42		3-70	600			
			41,6		3-64	650			
			42		3-60	700			

N.B. RESET PROCEDURE (factory data reset):

After a first use with the button, to return the operation to the original one and cancel the "LEVEL MEMORY" (previously set with the button), you must short-circuit the 1-10V input.

General Characteristics

Plastic case

Driver for independent mounting

Electric class protection II

Protection degree IP40

Reference standards

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



PRODUCT TO BE DISPOSED DIFFERENTLY FROM URBAN WASTE

AEE identification nr.IT18040000010321



MADE IN P.R.C.



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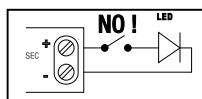
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Wiring diagrams



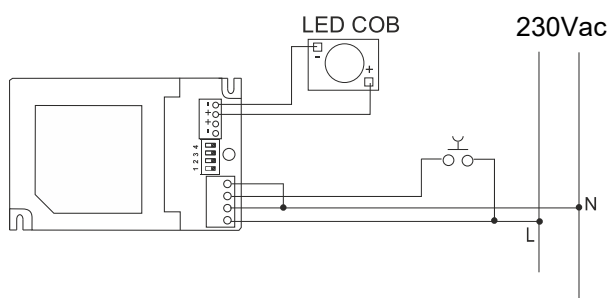
N.B.

Power supply not suitable
for no-load operation

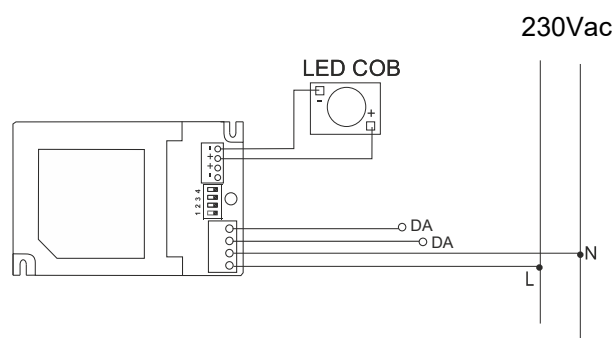
ATTENTION:

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.

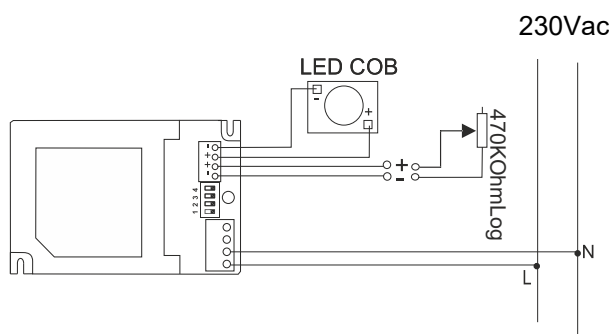
PUSH MODE (PUSH 230Vac)



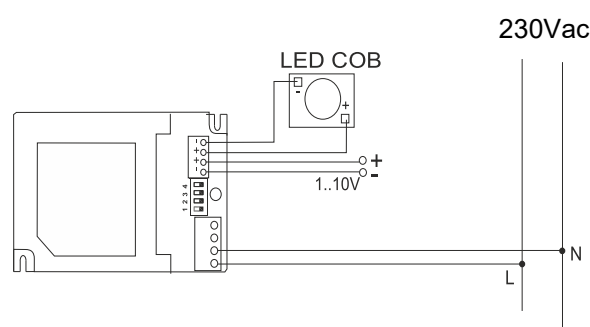
DALI MODE



POTENTIOMETER MODE (470KOhmLog)



1-10V MODE



PUSH MODE (PUSH 230Vac)

SYNCHRONIZATION OF MULTIPLE POWER SUPPLIES

