

USER GUIDE LEMC45SLIMD

Dimmable constant multcurrent LED driver (CC)
with push-button (PUSH) and DALI signal control IP20

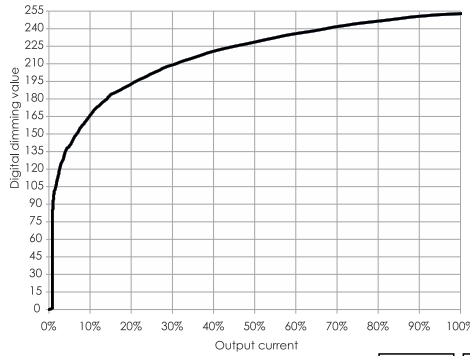


General Characteristics

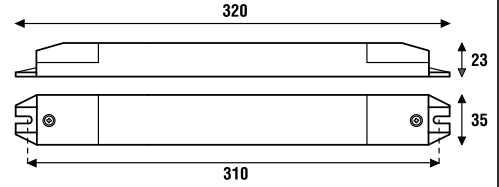
Plastic case (SLIM)
Driver for independent mounting
Electric class protection II
Protection degree IP20

Reference Standards

EN 55015
EN 61000-3-2
EN 61000-3-3
EN 61347-1
EN 61347-2-13
EN 61547
EN 62386-207
EN 62493



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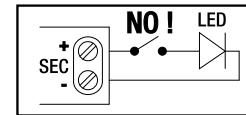
CODICE CODE	Tensione di ingresso Input voltage (Vac)	Frequenza di rete Input frequency (Hz)	Potenza di uscita Output power (W)	Comando Command	Tensione di uscita Output voltage (Vdc)	Corrente di uscita Output current (mA)	PFC (λ)	CC CV	Peso Weight (g)
LEMC45SLIMD	220-240	50÷60	24	PUSH DALI	25-70	350	0,90	CC	170
			35			500			
			42			600			
			45			700	0,95		
						800			
						900			
					21-43	1050			

Wiring preparation

Constant Current LED DRIVER
PUSH DALI Dimmable
LEMC45SLIMD
PRI: 220-240V~ 50/60Hz 0,25A
λ: 0,95 Ie: 20~150°C Ioc: 180°C

1	2	3	Uout	Iout
OFF	OFF	OFF	25-70V	350mA
ON	OFF	OFF	25-70V	500mA
OFF	ON	OFF	25-70V	600mA
ON	ON	OFF	25-64V	700mA
ON	OFF	ON	25-50V	800mA
OFF	ON	ON	25-50V	900mA
ON	ON	ON	21-43V	1050mA

Made in P.R.C.



Technical Features

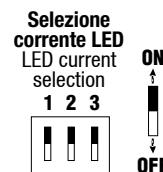
Input voltage range 220-240Vac
Input frequency 50÷60Hz
Constant current output 350÷1050mA
(settings by dip-switch)
Factory setting: 350mA

Brightness adjustment through:

- push-button (PUSH 230Vac)
- DALI signal

«LEVEL MEMORY» and «STATUS MEMORY» function

Energy Efficiency (EE) 87%
Open circuit Protection (OCP)
Overload protection (OLP)
Protection against overtemperature (OTP)
Short circuit protection (SCP)
Power factor correction (PFC) $\lambda \geq 0,95$
Operating ambient temperature $T_a -20^{\circ}\text{C} \div +50^{\circ}\text{C}$
Max case temperature on $T_c 80^{\circ}\text{C}$



OUTPUT DIP-SWITCH			
Corrente MAX MAX Current (mA)	1	2	3
350	-	-	-
500	ON	-	-
600	-	ON	-
700	ON	ON	-
800	ON	-	ON
900	-	ON	ON
1050	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.

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

MADE IN P.R.C.



LEF LIGHTING S.R.L. | www.lef-lighting.it

Via Rodolfo Morandi, 9/11 - 50019 Sesto Fiorentino (FI) - ITALY | Tel +39 055 421 77 27 - Fax +39 055 425 44 92

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Wiring diagrams

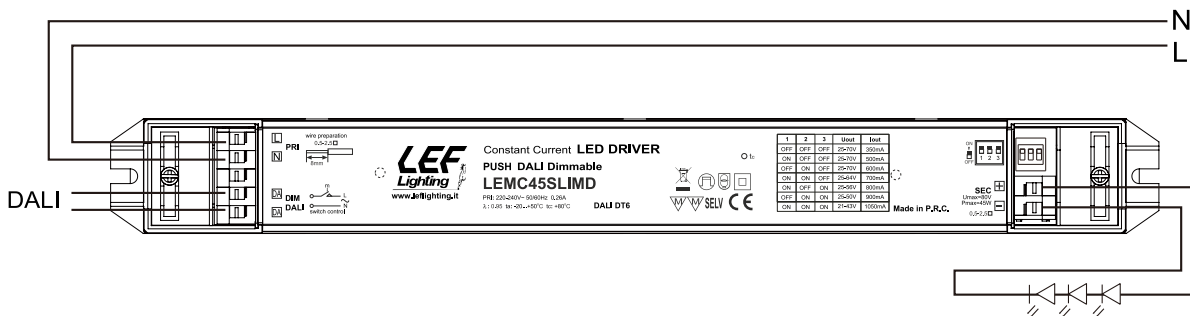


OPERATING MODES

There are 2 distinct modes of operation : **DALI and PUSH-BUTTON (PUSH 230Vac)**

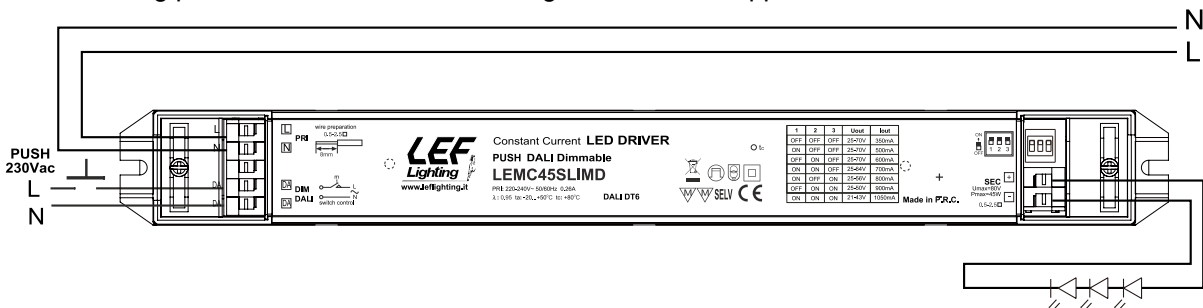
DALI MODE

The dimming level is set by the value of the DALI signal sent by the DALI control unit.

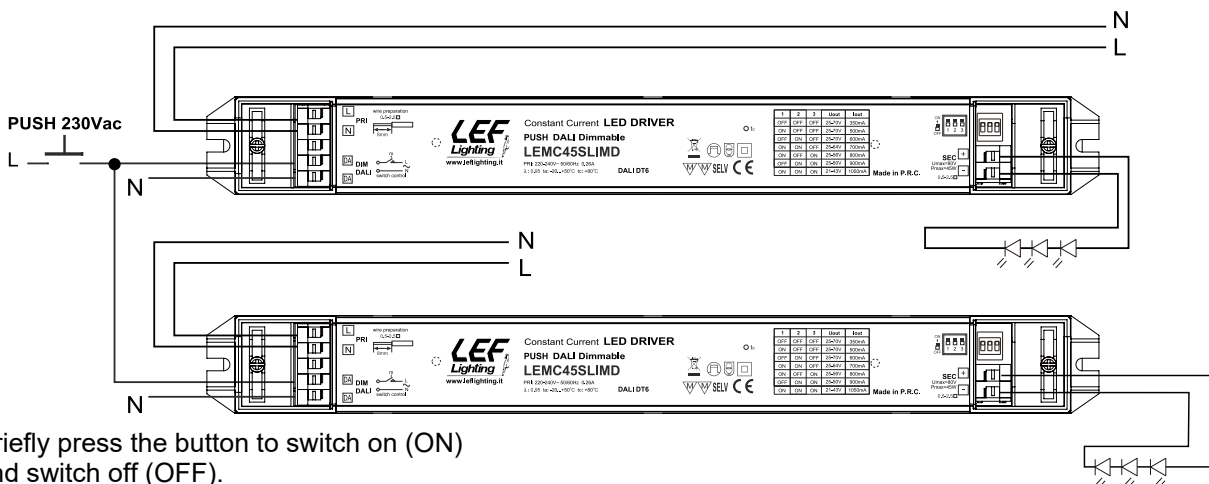


PUSH 230Vac MODE

- Briefly press the button to switch on (ON) and switch off (OFF).
 - Long press of the button for dimming.
- With a new long press of the button, the dimming restarts in the opposite direction.



PUSH 230Vac MODE - Synchronization by cable



- Briefly press the button to switch on (ON) and switch off (OFF).
 - Long press of the button for dimming.
- With a new long press of the button, the dimming restarts in the opposite direction.

Maximum number of synchronizable power supplies: **5**

Cable length of the BUTTON: **15 m**

If the power supplies lose synchronization, they can be resynchronized again by pressing the BUTTON for 15 seconds with the light off.

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