

USER GUIDE

LEMC75D

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

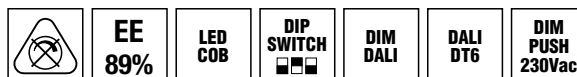
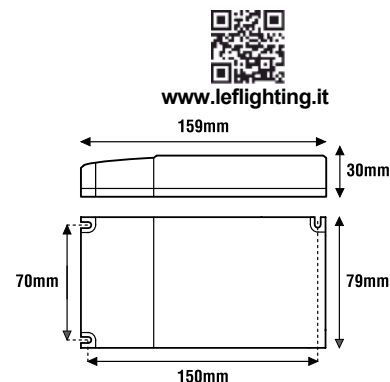
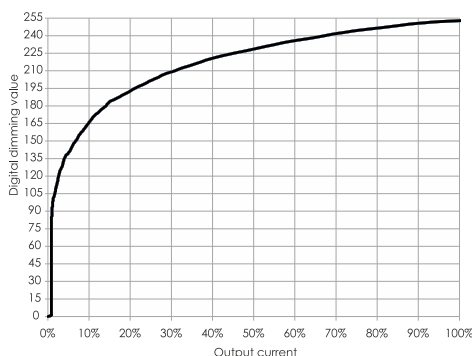


General Characteristics

Plastic case
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



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)
LEMC75D	220-240	50÷60	75	PUSH DALI	25-71	1050	0,95	CC	270
					25-65	1150			
					25-62	1200			
					25-58	1300			
					25-53	1400			
					25-50	1500			
					23-47	1600			

Technical Features

Input voltage range 220-240Vac
Input frequency 50÷60Hz
Constant current output 1050÷1600mA
(settings by dip-switch)

Factory setting: 1050mA

Brightness adjustment through:

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

«LEVEL MEMORY» and «STATUS MEMORY» function

Energy Efficiency (EE) 89%

Open circuit Protection (OCP)

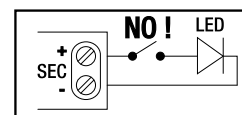
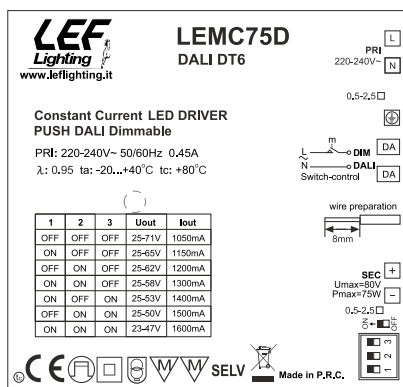
Overload protection (OLP)

Short circuit protection (SCP)

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

Operating ambient temperature T_a -20°C ÷ +40°C

Max case temperature on T_c 85°C

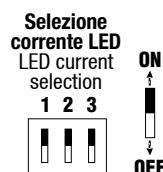


N.B.

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.



OUTPUT DIP-SWITCH			
Corrente MAX MAX Current (mA)	1	2	3
1050	-	-	-
1150	ON	-	-
1200	-	ON	-
1300	ON	ON	-
1400	ON	-	ON
1500	-	ON	ON
1600	ON	ON	ON



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



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Wiring diagrams

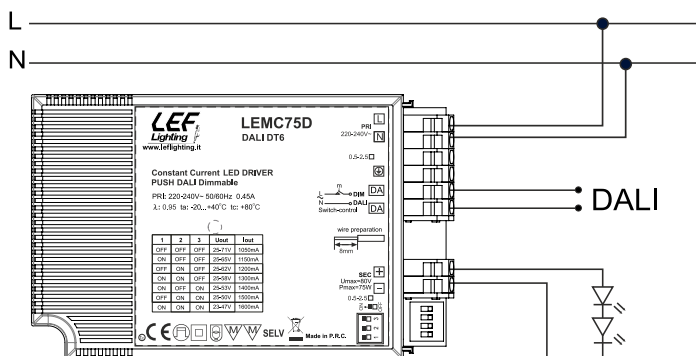


OPERATING MODES

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

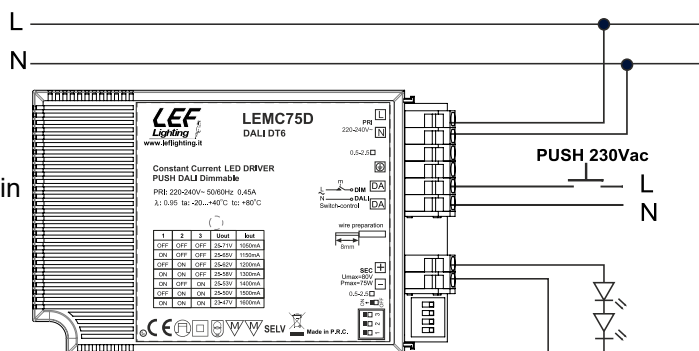
DALI MODE

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.



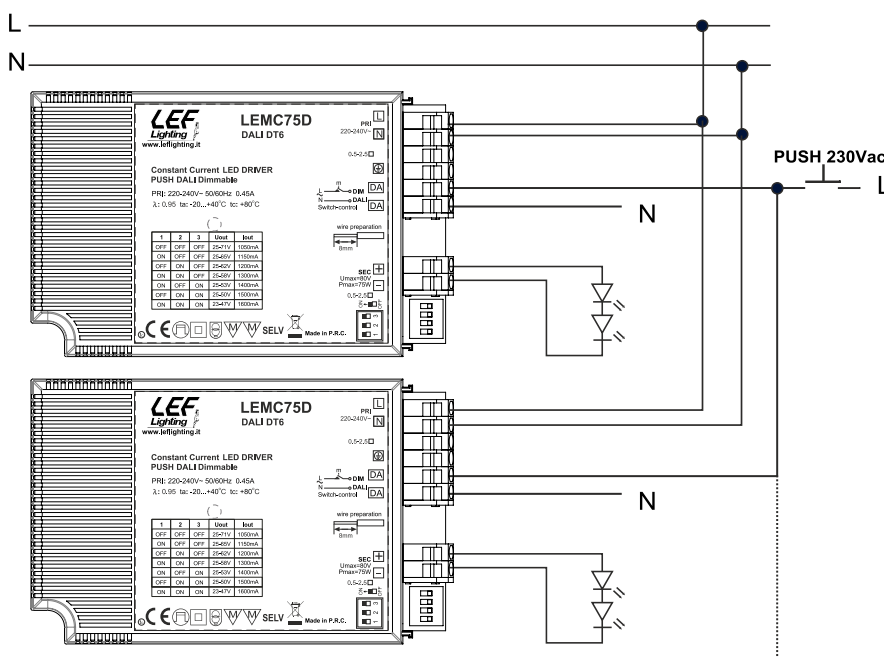
PUSH 230Vac MODE - Synchronization by cable

- 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.

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

Maximum number of synchronizable power supplies: 5

Cable length of the BUTTON: 15 m



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