

USER GUIDE

LEMC75D

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



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General Characteristics

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

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)

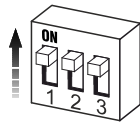
Short circuit protection (SCP)

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

Operating ambient temperature $T_a -20^\circ\text{C} \div +40^\circ\text{C}$

Max case temperature on $T_c 85^\circ\text{C}$

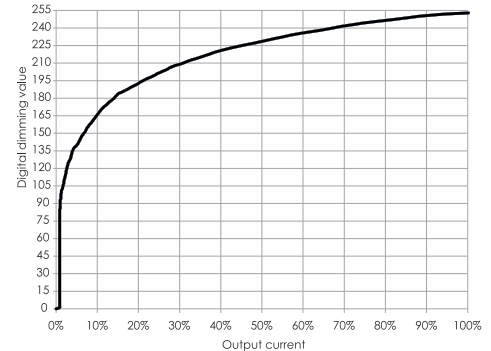
LED current selection



(ON) POSITION OF THE DIP-SWITCHES FACING UPWARDS

OUTPUT DIP-SWITCH

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

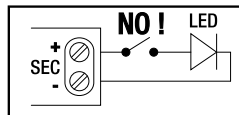
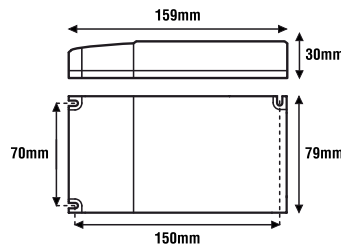


LED COB	DIP SWITCH	DALI 2	DALI DT6	DIM DALI	DIM PUSH 230Vac	EE 89%
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CODICE CODE	Tensione di ingresso Input voltage (Vac)	Frequenza di rete Input frequency (Hz)	Potenza di uscita Output power (W)	Comando Command	Tensione di uscita Output voltage (Vdc)	Corrente di uscita Output current (mA)	PFC (λ)	CC CV	Peso Weight (g)
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			

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



N.B.
Device 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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LEMC75D
DALI DT6

PRI 220-240V~ N
0,5-2,5□

Constant Current LED DRIVER
PUSH DALI Dimmable

PRI: 220-240V~ 50/60Hz 0,45A
 λ : 0,95 t_a : -20...+40°C t_c : +80°C

1	2	3	Uout	Iout
OFF	OFF	OFF	25-71V	1050mA
ON	OFF	OFF	25-65V	1150mA
OFF	ON	OFF	25-62V	1200mA
ON	ON	OFF	25-58V	1300mA
ON	OFF	ON	25-53V	1400mA
OFF	ON	ON	25-50V	1500mA
ON	ON	ON	23-47V	1600mA

wire preparation 8mm

SEC $U_{max}=80V$ $P_{max}=75W$

0,5-2,5□

CE, SELV, Made in P.R.C.



PRODUCT TO BE DISPOSED DIFFERENTLY FROM URBAN WASTE
AEE identification nr.1804000010321

MADE IN P.R.C.



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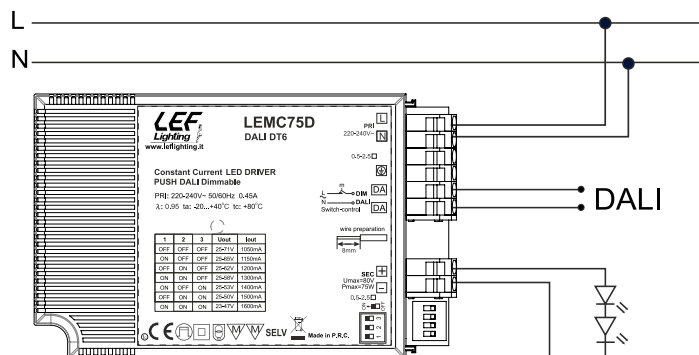
LEMC75D

Wiring diagrams



OPERATING MODES

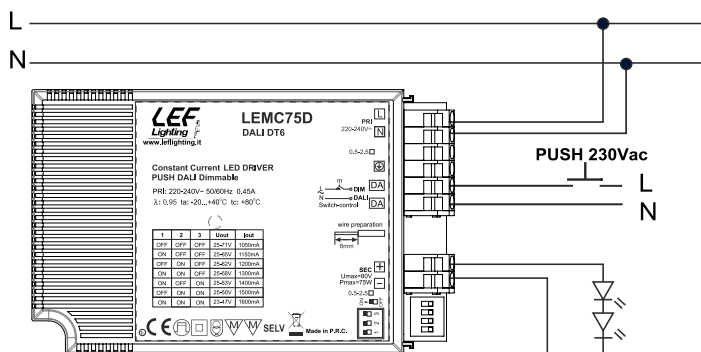
There are 2 distinct modes of operation : DALI and PUSH-BUTTON (PUSH 230Vac)



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

PUSH 230Vac MODE

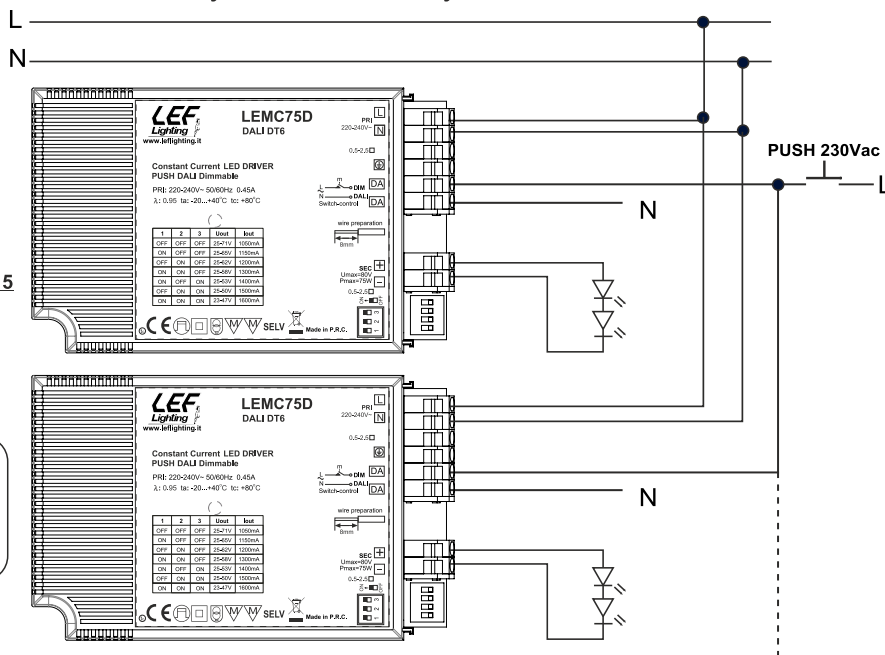
- Briefly press the button to switch on (ON) and switch off (OFF).
- Long press of the button for dimming. With a new long press of the button, the dimming restarts in the opposite direction.



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.