

USER GUIDE

LEMC56D

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



www.leflighting.it

Technical Features

Input voltage range 220-240Vac

Input frequency 50÷60Hz

Constant current output 800÷2000mA

(settings by dip-switch)

Factory setting: 2000mA

Energy efficiency at full load (EE) 90%

Stand-by power 0,50W

Brightness adjustment through:

- push-button (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).

Possibility of syncro of more drivers together (max 10 SLAVE)

Open circuit Protection (OCP)

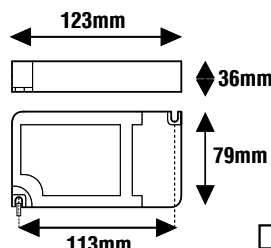
Protection against overtemperature (OTP)

Short circuit protection (SCP)

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

Operating ambient temperature $T_a -10^{\circ}\text{C} \div +40^{\circ}\text{C}$

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



ADJUST THE DIP-SWITCHES TO SET THE DESIRED OUTPUT CURRENT:

		OUTPUT DIP-SWITCH					
Potenza Power (W)	Corrente MAX MAX Current (mA)	1	2	3	4	5	6
33,6	800	ON	-	ON	-	ON	ON
37,8	900	-	-	-	-	-	ON
42	1000	ON	ON	ON	-	ON	-
46,2	1100	-	ON	ON	-	ON	-
48,3	1150	-	-	-	-	ON	-
50,4	1200	-	ON	ON	ON	-	-
52,5	1250	ON	-	ON	ON	-	-
54,6	1300	-	-	ON	ON	-	-
58,8	1400	-	ON	-	ON	-	-
60	1500	-	-	-	ON	-	-
60,8	1600	ON	ON	ON	-	-	-
61,2	1700	-	-	ON	-	-	-
61,2	1800	-	ON	-	-	-	-
60,8	1900	ON	-	-	-	-	-
60	2000	-	-	-	-	-	-

DIM POT 470KΩ	DIM 1-10V	DIM DALI	DIM PUSH 230Vac	CC Multi Corrente	DIP SWITCH	SYNCR by CABLE	max 10 SLAVE
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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)
LEMC56D	220-240	50÷60	33,6	PUSH DALI 1-10V POT470KΩ	3-42	800	0,95	CC	240
			37,8			900			
			42			1000			
			46,2			1100			
			48,3			1150			
			50,4			1200			
			52,5			1250			
			54,6			1300			
			58,8			1400			
			60		3-40	1500			
			60,8		3-38	1600			
			61,2		3-36	1700			
			60,8		3-34	1800			
			60		3-32	1900			
			60		3-30	2000			

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.

Reference Standards

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

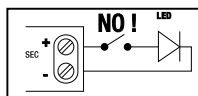
General Characteristics

Plastic case

Driver for independent mounting

Electric class protection II

Protection degree IP40



N.B.

Power supply not suitable for no-load operation.



PRODUCT TO BE DISPOSED DIFFERENTLY FROM URBAN WASTE
AEE identification nr.IT18044000010321



MADE IN P.R.C.

LEF LIGHTING S.R.L. | www.leflighting.it

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Wiring diagrams




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.

230Vac

LED COB

LED COB

Max 10 driver



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
LEMC56D

LED DRIVER 800-2000mA 60W
DIMMERABILE PUSH/DALI/1-10V

LED +
 LED +
 DIM +
 DIM +

INPUT:
 220-240Vac
 50/60Hz 0.4A Max
 ~0.95

OUTPUT:
 800mA Max
 Altri valori
 vedere tabella



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
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• tc = 80°C
 ta = 45°C

Tabella di selezione correnti

Pin	Iout	Output	Pin	1	2	3	4	5	6
38W	800mA	3.42VDC	33.6W	ON	ON	ON	ON	ON	ON
43W	900mA	3.42VDC	37.8W	ON	ON	ON	ON	ON	ON
47W	1000mA	3.42VDC	42W	ON	ON	ON	ON	ON	ON
52W	1100mA	3.42VDC	46.2W	ON	ON	ON	ON	ON	ON
54W	1150mA	3.42VDC	46.3W	ON	ON	ON	ON	ON	ON
56W	1200mA	3.42VDC	50.4W	ON	ON	ON	ON	ON	ON
59W	1250mA	3.42VDC	54.6W	ON	ON	ON	ON	ON	ON
61W	1300mA	3.42VDC	58.8W	ON	ON	ON	ON	ON	ON
65W	1400mA	3.42VDC	58.9W	ON	ON	ON	ON	ON	ON
68W	1500mA	3.40VDC	60W	ON	ON	ON	ON	ON	ON
69W	1600mA	3.38VDC	60.9W	ON	ON	ON	ON	ON	ON
69W	1700mA	3.36VDC	61.2W	ON	ON	ON	ON	ON	ON
69W	1800mA	3.34VDC	61.2W	ON	ON	ON	ON	ON	ON
69W	1950mA	3.32VDC	60.9W	ON	ON	ON	ON	ON	ON
69W	2000mA	3.30VDC	60W	ON	ON	ON	ON	ON	ON

1 2 3 4 5 6




SEC wire prep.
 0.5-1.5mm²
 7.5mm


PRI wire prep.
 0.75 mm²

Prima dell'uso, verificare l'impostazione dei dip-switch


RoHS




SELV




PUSH




DA



DA



ACN



ACL

