

USER GUIDE

LEMC44SLIM

Constant multicurrent (CC) LED driver



General Characteristics

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

LEF Lighting		LEMC44SLIM		Constant current LED Driver		tc=85°C ta=40°C		IP20	
PRI: 220-240VAC 0/50/60Hz Max. 0.23A		SEC: 300-1050mA 9-45VDC		U-OUT: 59VDC Max. 44.1W		Range of application: DC 180-280V			
PF 1 2 3 4		PF 1 2 3 4		PF 1 2 3 4		PF 1 2 3 4			
13.5 300 0.43C-0.89C		31.5 700 0.66C-0.97		ON - - -		ON - - -			
15.8 350 0.45C-0.91C		33.8 750 0.71C-0.97		ON - - -		ON - - -			
18.0 400 0.49C-0.93C		36.0 800 0.75C-0.97		ON - - -		ON - - -			
20.3 450 0.53C-0.94C		38.3 850 0.78C-0.97		ON - - -		ON - - -			
22.5 500 0.58C-0.95		40.5 900 0.78C-0.97		ON - - -		ON - - -			
24.8 550 0.61C-0.96		39.9 950 0.80C-0.98		ON - - -		ON - - -			
27.0 600 0.64C-0.97		42.0 1000 0.82C-0.98		ON - - -		ON - - -			
29.3 650 0.67C-0.97		44.1 1050 0.82C-0.98		ON - - -		ON - - -			



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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)
LEMC44SLIM	220-240	50÷60	14,7	ON-OFF	9-49	300	0,86	CC	180
			17,15			350	0,87		
			19,6			400	0,88		
			22,05			450	0,89		
			24,5			500	0,90		
			26,95			550	0,91		
			29,4			600	0,92		
			31,85			650	0,93		
			34,3			700	0,94		
			36		9-48	750	0,95		
			9-45		800				
					850				
					900				
			9-42		950				
					1000				
					1050				



Reference Standards

EN 61347-1
EN 61347-2-13
EN 62384

Technical Features

Input voltage range 220-240Vac
Input frequency 50÷60Hz
Constant current output 300÷1050mA
(settings by dip-switch)

Factory setting: 300mA

Energy Efficiency (EE) 88%

Open circuit Protection (OCP)

Protection against overtemperature (OTP)

Short circuit protection (SCP)

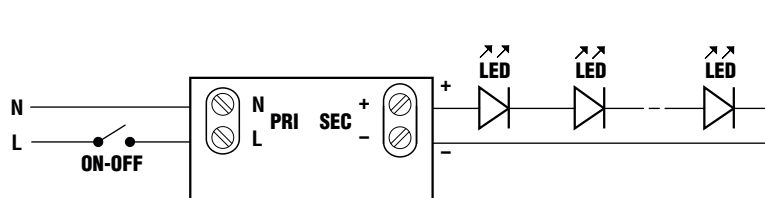
Power factor correction (PFC) $\lambda \geq 0,95$

Operating ambient temperature Ta:

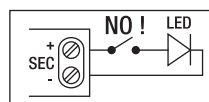
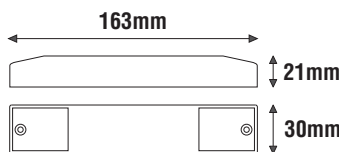
-25°C ÷ +45°C (300÷1000mA)

-20°C ÷ +40°C (1050mA)

Max case temperature on Tc 90°C



LEMC44SLIM



N.B.

Power supply not suitable for
no-load operation.



OUTPUT DIP-SWITCH		1	2	3	4
Potenza Power (W)	Corrente MAX MAX Current (mA)	-	-	-	-
14,7	300	-	-	-	-
17,15	350	-	-	-	ON
19,6	400	-	-	ON	-
22,05	450	-	-	ON	ON
24,5	500	-	ON	-	-
26,95	550	-	ON	-	ON
29,4	600	-	ON	ON	-
31,85	650	-	ON	ON	ON
34,3	700	ON	-	-	-
36	750	ON	-	-	ON
36	800	ON	-	ON	-
38,25	850	ON	-	ON	ON
40,5	900	ON	ON	-	-
39,9	950	ON	ON	-	ON
42	1000	ON	ON	ON	-
44,1	1050	ON	ON	ON	ON

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

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