

# USER GUIDE

## LEMC36SLIM

Constant multcurrent (CC) LED driver



### General Characteristics

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

**LEMC36SLIM** Constant current LED Driver  
PRI: 220-240VAC 0/50/60Hz Max. 0.19A U-OUT: 60VDC Max. 36W  
SEC: 150-900mA 2.5-50VDC **tc** Range of application: DC 180-280V  
ta=90°C ta=50°C

Pot [W]	Out [mA]	PF	1	2	3	4	Pot [W]	Out [mA]	PF	1	2	3	4
7.5	150	0.27C-0.78C	-	-	-	-	27.5	550	0.41C-0.97	ON	-	-	-
10.0	200	0.28C-0.85C	-	-	-	-	30.0	600	0.42C-0.97	ON	-	-	-
12.5	250	0.28C-0.88C	-	-	-	-	32.5	650	0.43C-0.98	ON	-	-	-
15.0	300	0.35C-0.92C	-	-	-	-	35.0	700	0.48C-0.98	ON	-	-	-
17.5	350	0.36C-0.93C	-	-	-	-	37.5	750	0.47C-0.97	ON	-	-	-
20.0	400	0.37C-0.94C	-	-	-	-	40.0	800	0.50C-0.98	ON	-	-	-
22.5	450	0.39C-0.95	-	-	-	-	45.0	900	0.52C-0.98	ON	-	-	-
25.0	500	0.40C-0.96	-	-	-	-	50.0	1000	0.54C-0.98	ON	-	-	-

CE SELV IP20

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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)
LEMC36SLIM	220-240	50÷60	7,5	ON-OFF	2,5-50	150	0,77	CC	160
			10			200	0,81		
			12,5			250	0,82		
			15			300	0,83		
			17,5			350	0,84		
			20			400	0,85		
			22,5			450	0,86		
			25			500	0,87		
			27,5			550	0,88		
			30			600	0,89		
			32,5			650	0,90		
			35			700	0,91		
			31,5		2,5-42	750	0,92		
			33,6			800	0,93		
			35,7			850	0,94		
			36		2,5-40	900	0,95		



EE  
88%

DIP  
SWITCH

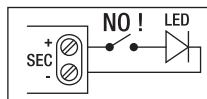
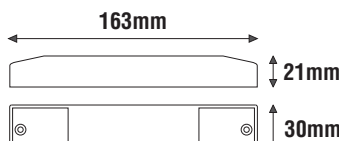
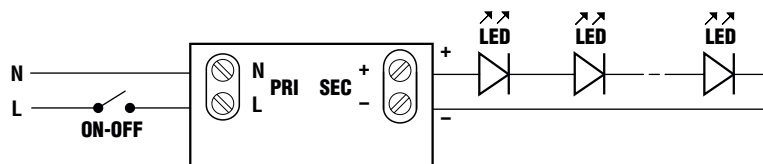
LED  
COB

### 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 150÷900mA**  
(settings by dip-switch)  
**Factory setting: 150mA**  
Energy Efficiency (EE) 88%  
Open circuit Protection (OCP)  
Overload Protection (OLP)  
Short circuit protection (SCP)  
Power factor correction (PFC)  $\lambda \geq 0,95$   
Operating ambient temperature Ta: -20°C ÷ +50°C  
Max case temperature on Tc 90°C



**N.B.**  
Power supply not suitable for  
no-load operation.



LEMC36SLIM



OUTPUT DIP-SWITCH				
Potenza Power (W)	Corrente MAX MAX Current (mA)	1	2	3 4
7.5	150	-	-	-
10	200	-	-	ON
12.5	250	-	-	ON
15	300	-	-	ON
17.5	350	-	ON	-
20	400	-	ON	ON
22.5	450	-	ON	ON
25	500	-	ON	ON
27.5	550	ON	-	-
30	600	ON	-	ON
32.5	650	ON	-	ON
35	700	ON	-	ON
31.5	750	ON	ON	-
33.6	800	ON	ON	ON
35.7	850	ON	ON	ON
36	900	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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