

USER GUIDE

LCL-24MULTI

Dimmable constant voltage - Constant current converter



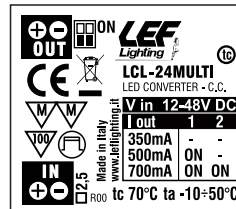
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General Characteristics

Plastic case
Electric class protection III
Use with SELV circuits
Protection degree IP20

Reference Standards

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



CODICE CODE	Tensione di ingresso Input voltage (Vdc)	Tensione di uscita Output voltage (Vdc)	Potenza di uscita Output power (W)			Corrente di uscita Output current (mA)	Rendimento Efficiency (%)	Peso Weight (g)
			@12Vdc	@24Vdc	@48Vdc			
LCL-24MULTI	12-24-48	9-21-45	4,2	8,4	16,8	350	95	40
			6	12	24	500		
			8,4	16,8	33,6	700		

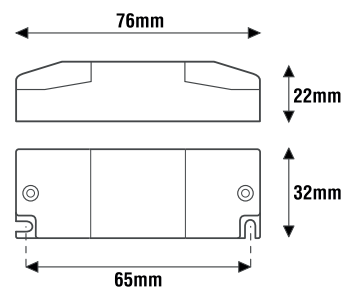
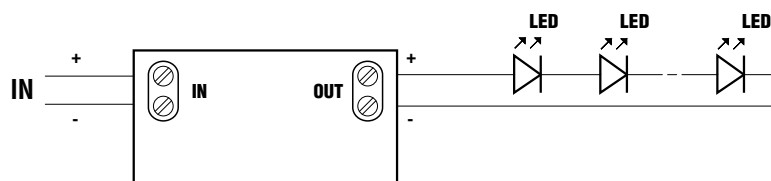
N°LED collegabili in base alla tensione di ingresso
N° LED connected according to input voltage

Tensione di ingresso Input voltage (Vdc)	N°LED @350mA	N°LED @500mA	N°LED @700mA
12	1÷3	1÷3	1÷2/3
24	1÷6	1÷6	1÷5/6
48	1÷12	1÷12	1÷11/12

Corrente di uscita Output current (mA)	1	2
350	-	-
500	ON	ON
700	ON	-



WIRING DIAGRAM



Technical Features

Input voltage range 12-24-48Vdc

Constant current output 350mA÷700mA

(setting by dip-switch)

Factory setting: 700mA

**Dimmable 2-wire signal line directly
modulated Vin + and - input (PWM)**

Maximum frequency of the input voltage PWM: 1000Hz

Input protections:

- protection against reversed polarity (RPP)
- overvoltage protection (OVP)
- fuse protection (2A)

Output protections:

- open circuit Protection (OCP)
- overload protection (OLP)
- protection against overtemperature (OTP)
- short circuit protection (SCP)

Operating ambient temperature Ta -10°C ÷ +50°C

Max case temperature on Tc 70°C

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 ITALY



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