

USER GUIDE

LCL-24MINI35IP, LCL-24MINI50IP, LCL-24MINI70IP

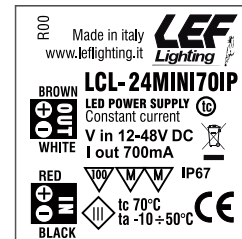
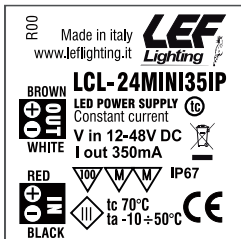
Dimmable constant voltage - Constant current converter



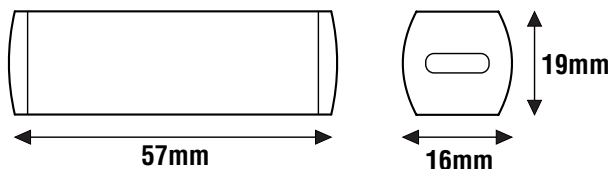
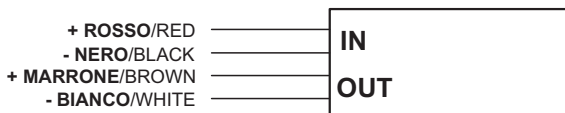
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General Characteristics

Plastic case
 Completely sealed electronic board
 Electric class protection III
 Use with SELV circuits
 Protection degree IP67
 FEP cables section 0,50mm² length 190mm



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-24MINI35IP	12-24-48	9-21-45	4,2	8,4	16,8	350	95	25
LCL-24MINI50IP			6	12	24	500		
LCL-24MINI70IP			8,4	16,8	33,6	700		



Technical Features

Input voltage range 12-24-48Vdc
Constant current output 350mA (LCL-24MINI35IP)
Constant current output 500mA (LCL-24MINI50IP)
Constant current output 700mA (LCL-24MINI70IP)
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

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

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.

Reference Standards

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

PRODUCT TO BE DISPOSED
 DIFFERENTLY FROM URBAN WASTE
 AEE identification nr.IT18040000010321

MADE IN ITALY



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LEF LIGHTING S.R.L.

Viale L. Ariosto 478/480 - 50019 Sesto Fiorentino (FI) - ITALY | Tel +39 055 421 77 27 - Fax +39 055 425 44 92 | www.leflighting.it