

USER GUIDE

LCL-24MINI35 / LCL-24MINI50 / LCL-24MINI70

Dimmable constant voltage-constant current converters



www.lef Lighting.it

General Characteristics

Plastic case

Electric class protection III

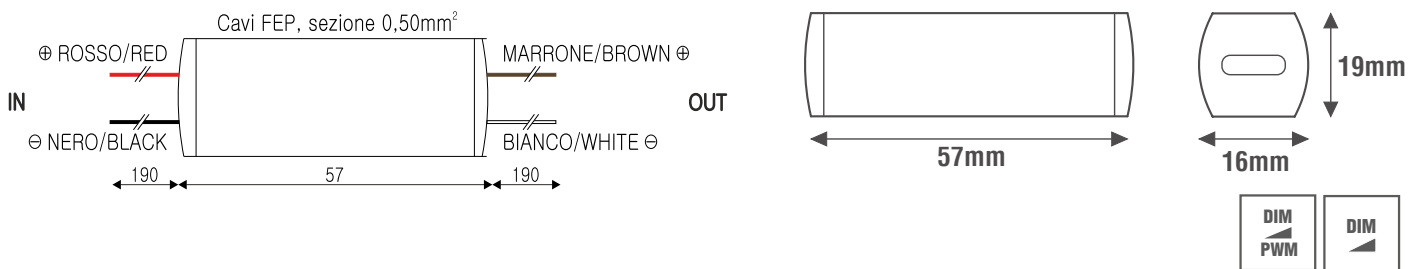
Use with SELV circuits

Protection degree IP20

FEP cables section 0,50mm² lenght 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-24MINI35 | 12-24-48 | 9-21-45 | 4,2 | 8,4 | 16,8 | 350 | 95 | 25 |
| LCL-24MINI50 | | | 6 | 12 | 24 | 500 | | |
| LCL-24MINI70 | | | 8,4 | 16,8 | 33,6 | 700 | | |



Technical Features

Input voltage range 12-24-48Vdc

Constant current output 350mA (LCL-24MINI35)

Constant current output 500mA (LCL-24MINI50)

Constant current output 700mA (LCL-24MINI70)

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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