

USER GUIDE

Code: LECV1248SX

DIMMING INTERFACE FOR VOLTAGE LED MODULES
12-24-48 VDC

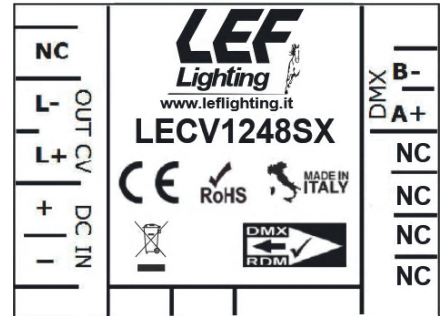


Technical Features

- Input voltage range 12-24-48Vdc
- Output voltage range 12-24-48Vdc
- Brightness regulator for LED modules 12-24-48Vdc
- Brightness adjustment through:
 - DMX/RDM signal
- SLAVE function through DMX512 digital signal
- Open circuit protection (OCP)
- Protection against overtemperature (OTP)
- Overvoltage protection (OVP)
- Protection against reversed polarity (RPP)
- Operating ambient temperature T_a -20°C ÷ +50°C

General Characteristics

- Plastic case
- Device for independent mounting
- Electric class protection II
- Protection degree IP20



DIM
DMX
RDM

CODICE CODE	Tensione di ingresso Input voltage (Vdc)	Tensione di uscita Output voltage (Vdc)	Corrente di uscita Output current (A)	Potenza di uscita Output power (W)			Comando Command	Uscita di segnale Signal output	CC CV	Peso Weight (g)
				@12Vdc	@24Vdc	@48Vdc				
LECV1248SX	12-24-48	12-24-48	12	144	288	576	DMX RDM	-	CV	50
PROGLECVCC	Questo programmatore serve per impostare gli indirizzi DMX del prodotto LECV1248SX (Alimentazione a batterie 3xAAA non incluse) (pag. 104) This programmer is used to set the DMX addresses of LECV1248SX product (power supply 3xAAA batteries not included) (pag.104)									

POWER SUPPLY AND CONNECTION TO LED MODULE

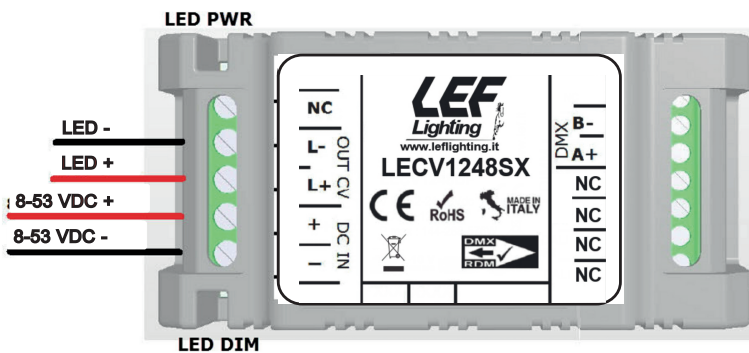


Fig.1

- The dimmer LECV1248SX must be supplied according to the polarity shown in Fig.1 through terminals DC IN (+ and -).
- If the power supply polarity is reversed, the device is not damaged (protection against reversed polarity RPP).
- The LED (LED PWR) on the board indicates the presence of power supply.
- The LED (LED DIM) indicates the output dimming state.
- The LED connection must be completed using the terminals OUT (L+ and L-).

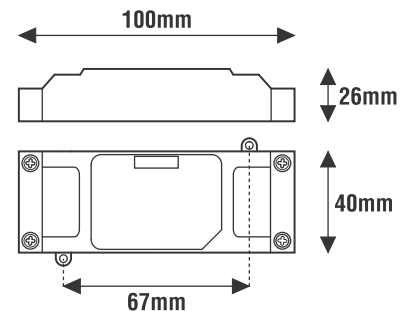
ATTENTION:
The installation of the product must be followed by qualified personnel.
If the product is used for purposes other than the original ones or if it is connected incorrectly, LEF Lighting S.R.L. will not accept any responsibility for damages caused.

Reference standards

- EN 55015
- EN 61000-3-2
- EN 61000-3-3
- EN 61347-1
- EN 61347-2-13
- EN 61547
- EN 62493



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



MADE IN ITALY

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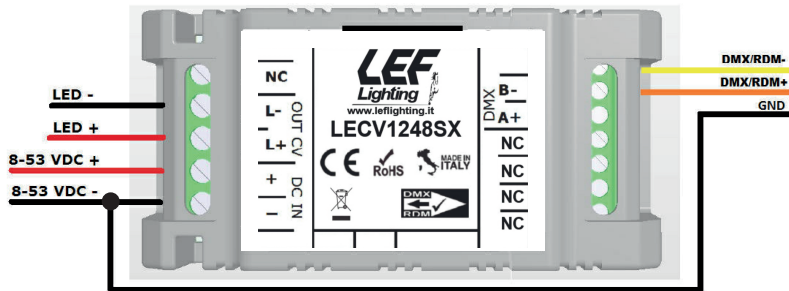
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LECV1248SX CONNECTION TO DMX512 / RDM SIGNAL



In this mode (SLAVE DMX) the device can be controlled by a DMX-512 signal.

The DMX address (factory setting CH1) can be set using the RDM protocol or using the (optional) PROGLEVCC programmer.

See the programmer manual to set the programming modes of the DMX channel.

In this mode (SLAVE DMX) the device works in LINEAR CURVE and the FADE function is disabled.

ATTENTION: FOR THE CORRECT FUNCTIONING OF THE DMX BUS IT IS NECESSARY TO CONNECT BETWEEN THEIR THE GND POLES OF THE DEVICES CONNECTED TO THE BUS. USE THE TERMINAL "IN -" AS THE FIGURE.

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