

# USER GUIDE

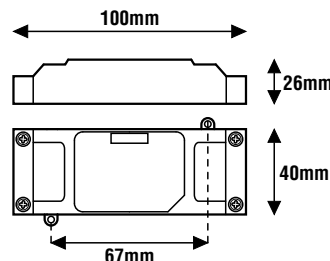
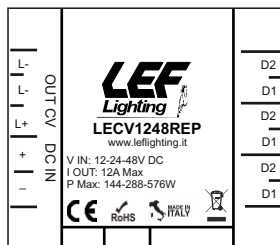
## LECV1248REP

Dimming interface extender 12-24-48Vdc (CV) IP20



### General Characteristics

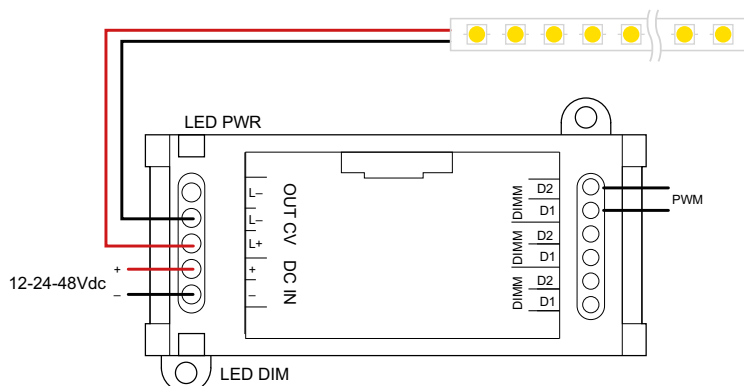
Plastic case  
Device for independent mounting  
Electric class protection III  
Protection degree IP20



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SLAVE

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)			Funzione Function	CC CV	Peso Weight (g)
				@12Vdc	@24Vdc	@48Vdc			
LECV1248REP	12-24-48	12-24-48	12	144	288	576	SLAVE	CV	50



The **LECV1248REP** dimmers must be supplied according to the polarity indicated through the **DC IN** terminals (+ and -).

The **LED load** must be connected using the **OUT** terminals (L+ and L-).

The input **PWM signal** must be connected to terminals **D1** and **D2** without considering the polarity.

The **DIM IN** LED, placed on board, indicates the presence of the **PWM input signal**.

The **DIM OUT** LED, placed on board, indicates the presence of the **PWM output signal**.

### Technical Features

Input voltage range 12-24-48Vdc

Output voltage range 12-24-48Vdc

**Extender (SLAVE) for dimming interfaces:**

- LECV1248DP
- LECV1248DPB
- LECV1248DPB2CH
- LECV1248DPX
- LECV1248SX

**Frequency of the output voltage PWM: 390Hz**

Overvoltage protection (OVP)

Operating ambient temperature Ta -20°C ÷ +50°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.

### 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



LEF LIGHTING S.R.L. | www.lef-lighting.it

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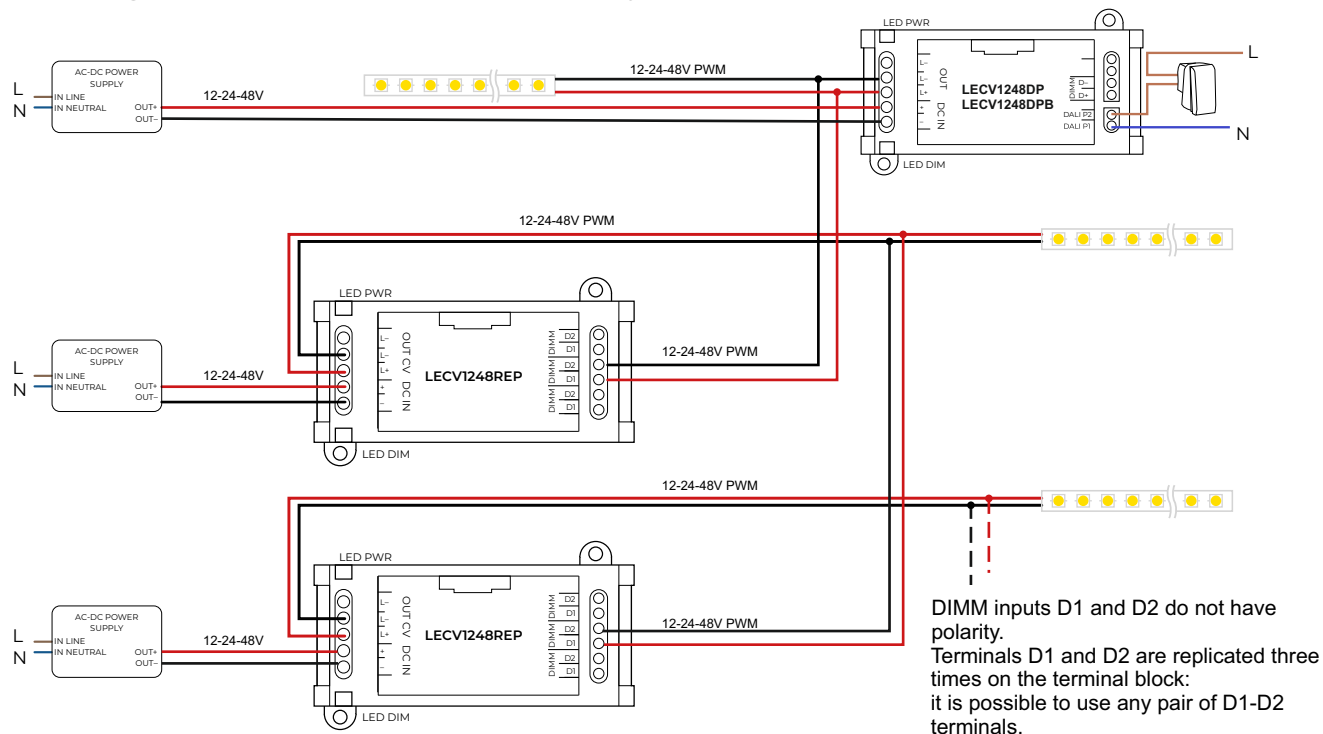
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## LECV1248REP

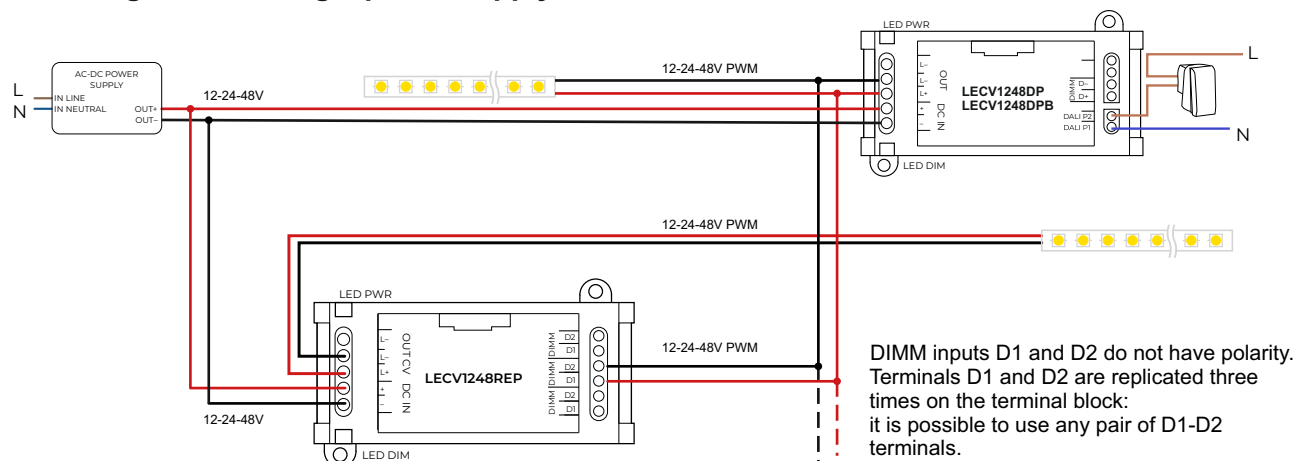
Dimming interface extender 12-24-48Vdc (CV) IP20



### Connection diagram with independent power supply



### Connection diagram with single power supply



### Wiring diagram with MASTER only used to generate the PWM signal

