

USER GUIDE

Code: LE6024P

DIMMABLE CONSTANT VOLTAGE LED DRIVER



Driver for independent mounting.

Brightness adjustment by:

-**push-button (PUSH 230Vac)** (Fig.1)

-**1-10V signal** (Fig.1)

-**100Kohm potentiometer** (Fig.1)

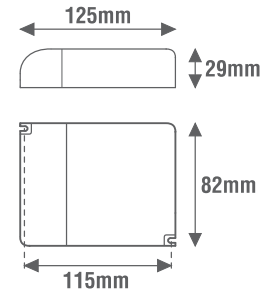
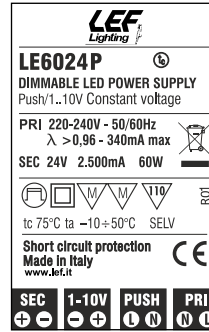
“LEVEL MEMORY” and “STATUS MEMORY” function.

Synchronization of multiple drivers through cable connection (max 10 SLAVE) (Fig.2).

Plastic case.

Electric class of protection II.

Protection degree IP20.



CODICE CODE	Tensione di ingresso Input voltage (Vac)	Frequenza di rete Input frequency (Hz)	Potenza di uscita Output power (W)	Comando Command	Tensione di uscita Output voltage (Vdc)	Corrente di uscita Output current (mA)	PFC (λ)	CC CV	Peso Weight (g)
LE6024P	220-240	50÷60	60	PUSH 1-10V POT100kΩ	24	2500	0,96	CV	240

Settings

There are two distinct modes of operation, read on startup: PUSH and 1-10V. N.B. The Low level in Push modality is different from 0 to distinguish it from OFF.

Restart after a power failure:

- If “No dimmer mode (ON/OFF)”: it resumes from the last data set;
- If “Dimming 1-10V or 0-10V”: the input value is read and ON according to the scheduling;
- If “Dimming Push”: it resumes from the last data set.

Note about No dimming profile:

- Briefly press the push-button to switch ON/OFF (on and off ramps).

1) “PUSH” Mode

- Short press the push-button to switch ON/OFF
- Long press the push-button to dimmer
- Memory of the last data dimming. When the power network is available, the driver resumes from the last data set
- Resynchronization method (sometimes the system could be out of sync. i.e. some lamps will be on, others off, etc...): in OFF/ON position, press the push-button for a long time (30sec), the drivers will be 100% and the system will be now synchronized.
- Total length of PUSH cables: 15m.

At each push of the button, the dimming proceeds until the minimum or maximum value, then it reverses its direction.

Time from minimum to maximum: 10sec.

2) “1-10V” Mode

- It is possible to use commercial 1-10V dimmer. LED brightness changes proportionally to the signal sent to the terminal.
- It is possible to use 100Kohm potentiometers. LED brightness change is proportional or logarithmic depending on the model of potentiometer (the logarithmic type is recommended).

Technical Features

Input voltage range 220-240Vac

Input frequency 50÷60Hz

Constant voltage output 24Vdc

Protection against overtemperature (OTP)

Overload protection (OLP)

Short circuit protection (SCP)

Open circuit protection (OCP)

Power factor correction (PFC) λ ≥ 0,96

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

Max case temperature on Tc 75°C

Reference standards

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

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.

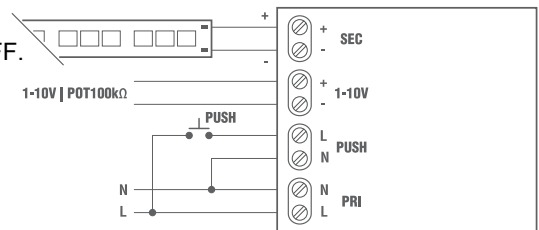


Fig.1

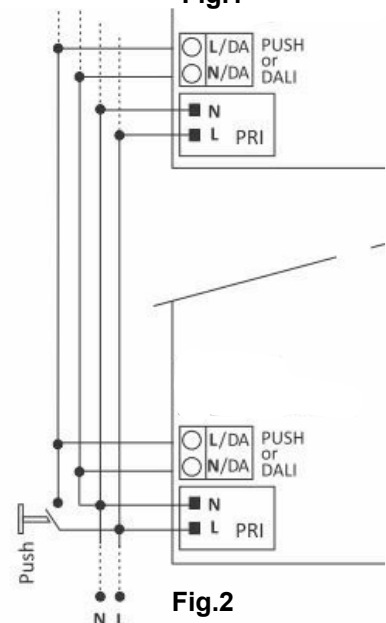


Fig.2



PRODUCT TO BE DISPOSED DIFFERENTLY FROM URBAN WASTE

AEE Identification nr.IT1804000010321

MADE IN ITALY



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