

# USER GUIDE

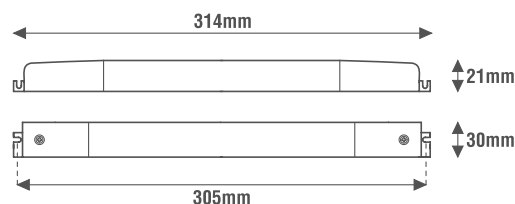
## Code: LE6024SLIM

### Constant voltage LED driver



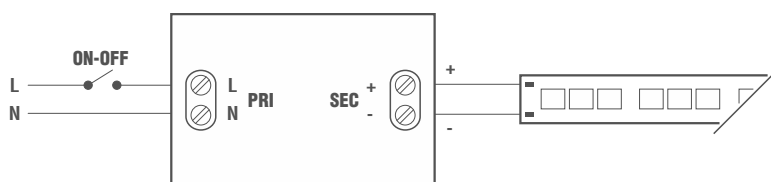
#### General Characteristics

Plastic case (SLIM)  
Driver for independent mounting  
Electric class protection II  
Protection degree IP20

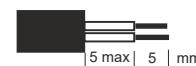


CODICE CODE	Tensione di ingresso Input voltage (Vac)	Frequenza di rete Input frequency (Hz)	Potenza di uscita Output power (W)		Comando Command	Tensione di uscita Output voltage (Vdc)	Corrente di uscita Output current (mA)		PFC (λ)	CC CV	Peso Weight (g)
			@110V	@230V			@110V	@230V			
LE6024SLIM	110-240	50÷60	35	60	ON-OFF	24	1460	2500	0,96	CV	150

#### WIRING DIAGRAMS



#### CABLES DIMENSIONING



#### INSTALLATION INSTRUCTIONS

Constant voltage LED drivers must be connected to LED groups equipped with current regulators or series resistors.

Pay attention to the maximum load power and to the dimensions suggested above.

**Always pay attention to the polarity of the secondary cable.**

Install the system far away from heat sources and in well-ventilated places.

Thermal protection: if the temperature exceeds the limit values, the driver switches off and after a few seconds it switches on again.

Avoid short circuit on the secondary side and give tension only after all LEDs have been connected.

Lock the terminals carefully but do not tight by hand the terminal screw with excessive power.

LEDs connection: always use a 0,5 ... 1,5 mm cable for a maximum length of 10 m, use instead a 1,5 mm cable for lengths greater than 10m but less than 30m.

Input wiring: use 2x0,75mmq input cable or a cable which is suitable for the device.

**HEAVY USE:** The load must be less than 10-20% of the maximum load for all types of device.  
Check the maximum temperature on Tc point.

#### TECHNICAL FEATURES

Input voltage range: 110-240Vac

Input frequency: 50÷ 60Hz

**Constant voltage output 24Vdc**

Open circuit protection (OCP)

Protection against overtemperature (OTP)

Short circuit protection (SCP)

Power factor correction (PFC) λ ≥ 0,96

Operating ambient temperature: Ta -10°C ÷ 40 °C

Max case temperature on Tc 70°C

#### ATTENTION:

**The installation of the product must be followed by qualified personnel.**

**If the driver 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

MADE IN ITALY



PRODUCT TO BE DISPOSED  
DIFFERENTLY FROM URBAN WASTE

AEE identification nr.IT18040000010321

