

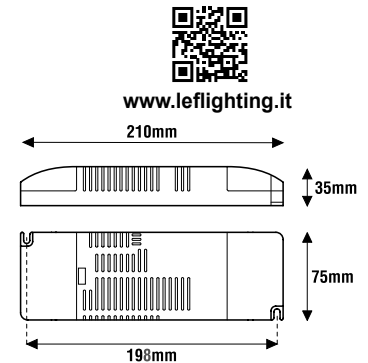
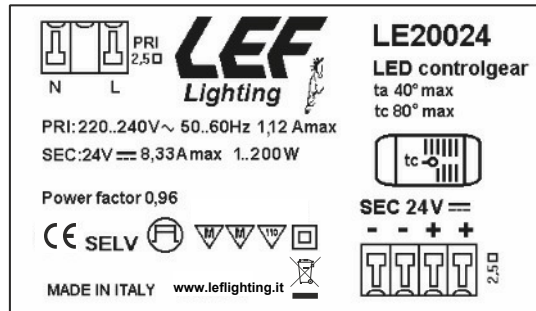
USER GUIDE LE20024

Constant voltage LED driver



General Characteristics

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

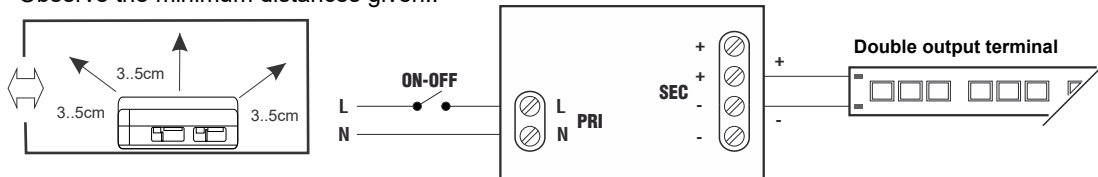


CODICE CODE	Tensione di ingresso Input voltage (Vac)	Frequenza di rete Input frequency (Hz)	Potenza di uscita Output power (W)	Comando Command	Tensione di uscita Output voltage (Vdc)	Corrente di uscita Output current (mA)		PFC (λ)	CC CV	Peso Weight (g)
						@110V	@230V			
LE20024	220-240	50÷60	200	ON-OFF	24	-	8330	0,96	CV	300

Correct installation

Power supplies
must have adequate space for cooling.
Observe the minimum distances given..

WIRING DIAGRAM



Reference Standards

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

Warnings:

1. Always pay attention to the polarity of the secondary cable.
2. Put the system far from heat sources and in well aerated places.
3. Minimum distance from LED: 10cm.
4. Thermal protection: if the temperature exceeds the limit values, the driver switches OFF and after few seconds, switches ON again.
5. Avoid short circuit on the secondary side and give tension only after all LEDs have been connected.
6. Lock the terminals carefully but do not tight by hand the terminal screw with excessive power.
7. LEDs connection: use a 0,5-1,5mmq cable for a maximum length of 10m; use a 1,5mmq cable for lengths: 10-30m..
8. Input wiring: use a 2x0,75 mmq input cable.
9. **HEAVY USE:** the load must be lower than the maximum indicated by 10% to 20% for all kinds of devices.
10. Check the maximum working temperature at tc point.

Technical Feature

Input voltage range 220-240Vac
Input frequency 50÷60Hz

Constant voltage output 24Vdc

Double output terminal

Energy Efficiency (EE) 93%

Open circuit protection (OCP)

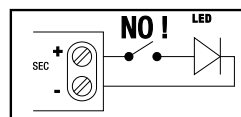
Protection against overtemperature (OTP)

Short circuit protection (SCP)

Power factor correction (PFC) $\lambda \geq 0,96$

Operating ambient temperature T_a -10°C ÷ +40°C

Max case temperature on T_c 80°C



N.B.

Device not suitable for
no-load operation.

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.



PRODUCT TO BE DISPOSED DIFFERENTLY
FROM URBAN WASTE

MADE IN ITALY

AEE identification nr.IT18040000010321



LEF LIGHTING S.R.L. | www.lef Lighting.it

Viale L.Ariosto 478/480 - 50019 Sesto Fiorentino (FI) - ITALY | Tel +39 055 421 77 27 - Fax +39 055 425 44 92