

USER GUIDE

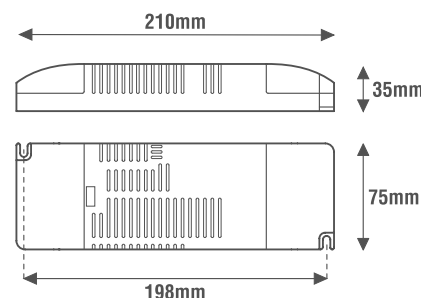
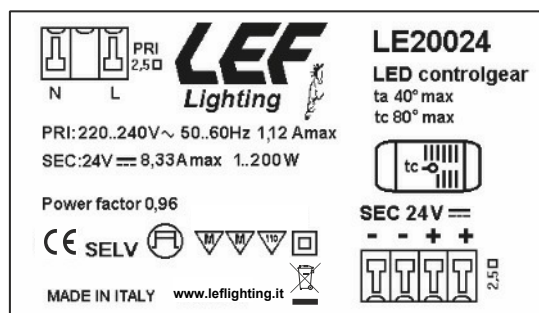
Code: LE20024

Constant voltage LED driver



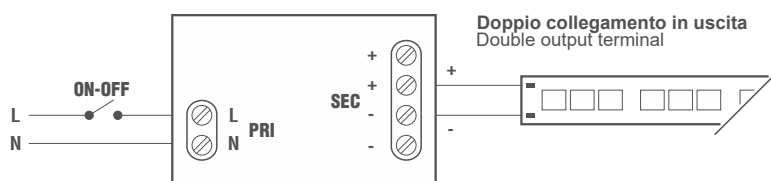
General Characteristics

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)
LE20024	220-240	50÷60	@230V 200	ON-OFF	24	@230V 8330	0,96	CV	300

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
Open circuit protection (OCP)
Protection against overtemperature (OTP)
Short circuit protection (SCP)
Power factor correction (PFC) $\lambda \geq 0,96$
Operating ambient temperature $T_a -10^{\circ}\text{C} \div +40^{\circ}\text{C}$
Max case temperature on $T_c 80^{\circ}\text{C}$

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.



PRODUCT TO BE DISPOSED DIFFERENTLY FROM URBAN WASTE

AEE identification nr.IT18040000010321

MADE IN ITALY



LEF LIGHTING S.R.L. | www.leflighting.it

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