

USER GUIDE

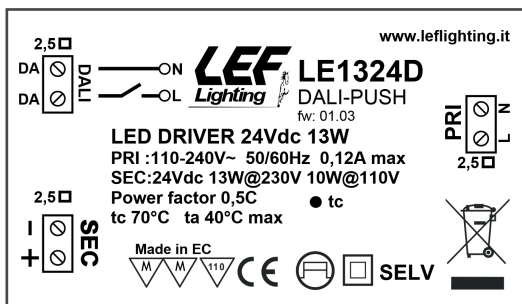
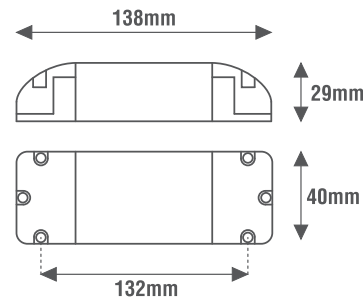
LE1312D, LE1324D

Dimmable 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 | | | @110V | @230V | | | |
| LE1312D | 110-240 | 50÷60 | 10 | 13 | PUSH DALI | 12 | 830 | 1080 | 0,50 | CV | 130 |
| LE1324D | | | 24 | 415 | | 540 | | | | | |

Technical Features

- Input voltage range 110-240Vac
- Input frequency 50÷60Hz
- Constant voltage output 12Vdc (LE1312D)
- Constant voltage output 24Vdc (LE1324D)
- Brightness adjustment through:
 - push-button (PUSH 230Vac)
 - DALI signal
- «LEVEL MEMORY» and «STATUS MEMORY» function
- Synchronization of multiple power supplies via cable (max 10 SLAVE)
- Open circuit Protection (OCP)
- Protection against overtemperature (OTP)
- Short circuit protection (SCP)
- Power factor correction (PFC) $\lambda \geq 0,50$
- Operating ambient temperature $T_a: -10^\circ\text{C} \div +40^\circ\text{C}$
- Max case temperature on $T_c 70^\circ\text{C}$

Reference standard

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



PRODUCT TO BE DISPOSED DIFFERENTLY
FROM URBAN WASTE
AEE identification nr.IT1804000010321

MADE IN ITALY

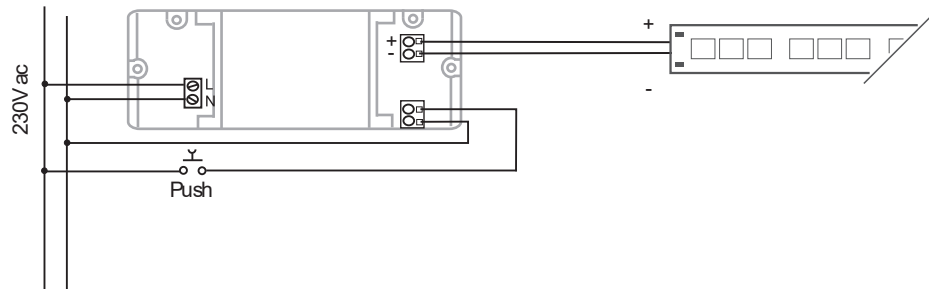


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Connection diagrams



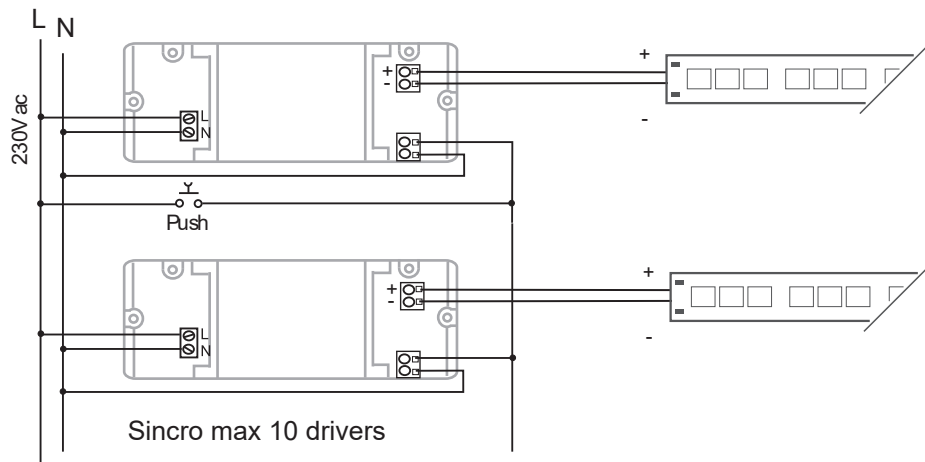
PUSH MODE (PUSH 230Vac)



Push button control allows ON/OFF through start push and dimming through long pressure.
In case of mains voltage absence or primary switch the driver keeps in memory the last selected level of light (status memory).
Use buttons without indicator light.

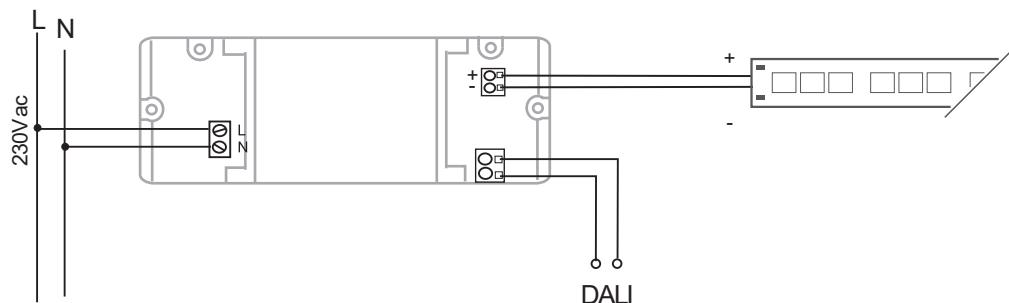
PUSH MODE (PUSH 230Vac)

SYNCHRONIZATION OF MULTIPLE POWER SUPPLIES



Push button control allows ON/OFF through start push and dimming through long pressure.
In case of mains voltage absence or primary switch the driver keeps in memory the last selected level of light (status memory).
N.B. To synchronize multiple power supplies, press and hold the button for 15 seconds.

DALI MODE



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. Thermal protection: if the temperature exceeds the limit values, the driver switches OFF and, after few seconds, it switches ON again.
4. Avoid short circuit on the secondary side and give tension only after all LEDs have been connected
5. Lock the terminals carefully and do not with excessive power.
6. **HEAVY USE:** the load must be lower than the maximum indicated by 10% to 20% for all kinds of devices.
7. Check the maximum working temperature at tc point.