

Lifud Driver - Dimmable DALI/PUSH - For LED Luminaires up to 40W - Flicker-Free - Output 9-42V DC 700-1050mA



Product code:

Reference: LF40WDALI

Technical specifications:

REFERENCE: LF40WDALI / LF-ADD040-1050-42

Rated Power : 40w

Nominal Voltage: Input: AC220-240V / Output: DC9-42V 700mA-1050mA

Construction Material: Flame retardant thermoplastic

Dimmable: Dimmable DALI-2

Certifications: CE-RoSH-TÜV-ENEC

IP : IP20

Diode Life Expectancy (H): 50.000

Dimensions (mm): 14,2cm x 4,6cm x 2,8cm

Power Factor (PF): 0.95

Frequency (Hz): 50/60Hz

Temperature Range (°C): 25°C ~ 45°C

Driver included: Lifud Driver

Warranty Years: 5

Product short description:

LIFUD DALI/PUSH Dimmable Driver for LED up to 40W, optimize your luminaires with this flicker-free driver, ideal for LED downlights, panels, and ceiling lights. With AC220-240V input and adjustable DC9-42V output (700-1050mA), it delivers stable performance and wide compatibility thanks to its connector-free output design. **Perfect for professional installations demanding quality and versatility.**

Product description:

Lifud Driver - Dimmable DALI/PUSH - For LED Luminaires up to 40W - Flicker-Free - Output 9-42V DC 700-1050mA

The **LIFUD DALI/PUSH Dimmable Driver** is a high-performance professional solution designed to power and regulate LED luminaires up to 30W, with a special focus on applications that require stability, energy efficiency, and flicker-free lighting quality. This driver is ideal for **Downlights, LED panels, and ceiling lights**, both in residential and commercial environments.

Thanks to its advanced **NO FLICKER** technology, it provides stable light, protecting visual health and eliminating any perceptible flicker — especially useful in offices, clinics, or classrooms.

One of its key advantages is its **multi-voltage output**: it delivers a constant voltage within a 9 to 42V DC range, automatically adapting to the connected load. This means the driver can operate with different current settings (from 700 a 1050 mA), making a single model suitable for various applications. Once powered, the system adjusts the output automatically and maintains a constant voltage within the specified range.

This driver also supports multiple dimming protocols:

- **DALI/PUSH** , This makes it highly compatible with modern lighting control systems, smart home automation, and energy-efficient projects requiring precise dimming.

Additionally, it features **overvoltage protection up to 1KV**, providing excellent reliability against power surges, extending device life, and ensuring installation safety.

Its **high power factor (PF)** ensures efficient energy consumption, minimizing losses and contributing to a sustainable lighting system. Combined with its design **without integrated output connectors**, it offers complete installation flexibility and adaptability to various setups.

Key technical specifications:

- **Maximum supported power:** up to 30W
- **Input voltage:** AC220-240V
- **Output current:** 700 a 1050 mA
- **Multi-voltage output:** 9-42V DC
- **Compatible dimming modes:** DALI/PUSH
- **NO FLICKER technology:** no perceptible flicker
- **Overvoltage protection:** up to 1KV

Technical Datasheet

- **Output connector-free design:** flexible and adaptable
- **High power factor:** optimal energy efficiency
- **Professional use:** ideal for demanding installations

Ideal applications:

- **Recessed LED lighting (Downlights)**
- **Decorative or functional LED ceiling lights**
- **LED panels for offices and shops**
- **Healthcare and educational centers (for its flicker-free stable light)**
- **Home automation and smart control projects**
- **Installations requiring versatile dimming**

At FactorLED we ensure that our products are guaranteed **QUALITY** and offer all the necessary elements for **DISTRIBUTION**, **IMPORT** or **WHOLESALE**, including the technical data sheet of each LED product.

Additional images:

