

Lifud Driver - Dimmable 0-10V - For LED Luminaires up to 40W - Flicker-Free - Output 25-42V DC 800-1050mA



Product code:

Reference: LF40W0-10V

Technical specifications:

REFERENCE: LF40W0-10V / LF-ABA040-1050

Rated Power : 40w

Nominal Voltage: Input: AC220-240V / Output: DC25-42V 500mA-750mA

Construction Material: Flame retardant thermoplastic

Dimmable: 0-10V/PWM/Rx dimming

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 0-10V 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 DC25-42V output (800-1050mA), 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 0-10V - For LED Luminaires up to 40W - Flicker-Free - Output 25-42V DC 800-1050mA

The **LIFUD 0-10V Dimmable Driver** is a high-performance professional solution designed to power and regulate LED luminaires up to 40W, 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 25 to 42V DC range, automatically adapting to the connected load. This means the driver can operate with different current settings (from 400 to 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:

- **0-10V**
- **PWM (Pulse Width Modulation)**
- **Rx (variable resistance signal)**

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 40W
- **Input voltage:** AC220-240V
- **Output current:** 400 a 1050 mA
- **Multi-voltage output:** 25-42V DC

Technical Datasheet

- **Compatible dimming modes:** 0-10V / PWM / Rx
- **NO FLICKER technology:** no perceptible flicker
- **Oversupply protection:** up to 1KV
- **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**

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Additional images:

