

Downlight LED 40W Circular - Dimmable Lifud Driver - IP54 - UGR17



Product code:

Reference: LF-90644

Technical specifications:

REFERENCE: LF-90644
Rated Power : 40w
Nominal Voltage: 85-265V
Colour: 3000K - 4000K - 5700K
CRI - Chromatic Rendiment Index: 85
Construction Material: Aluminium+PC
Luminosity-Lm: 4400Lm
Number & Type of LEDs: SMD 2835
Beam Angle (°): 120°
Luminous diodo LED (Lm/W): 140 Lm/W
Luminous Efficiency (Lm/W): 125 Lm/W
Dimmable: YES
Certifications: CE, CMIM, RoHS
IP : IP54
Diode Life Expectancy (H): 40.000
Dimensions (mm): Ø225mm * H20mm
Frequency (Hz): 50/60Hz
Temperature Range (°C): -20°C ~ +55°C
On/Off Cycles: 100.000
Starting Time (s): 0,2s
Cut-out Size (mm): Ø 200mm * H40mm
Glare Rating (UGR): 17
Driver included: YES
Driver included: Lifud Driver
Energy Rating (2021-UE-2019/2015): A+
Energy Rating (2023 - UE-2019/2015): E
Warranty Years: 3

Product short description:

Downlight LED 40W with dimmable LIFUD driver (TRIAC, 0-10V or DALI/PUSH), ideal for professional lighting. Delivers high-quality light (CRI>90, UGR17) without glare, IP54 protection, and a 120° beam angle for even coverage. Its dimming capability allows easy adjustment of brightness to suit any environment or moment. Save energy from day one with efficient LED technology.

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The **40W LED Downlight**, equipped with a **dimmable LIFUD driver**, is designed to meet the demands of professional projects requiring efficiency, versatility, and high visual comfort. It comes standard with a **Philips Certa driver**, which includes a **color temperature selector (CCT)**, allowing the user to choose between different light tones (warm, neutral, or cool) and adapt the lighting to each space and time of day.

Main Features

- **Dimmable LIFUD Driver:** Available in three versions (TRIAC, 0-10V, and DALI/PUSH), this driver allows precise adjustment of light intensity according to the specific needs of the environment.
- **CRI >90 and UGR17:** Ensures excellent color rendering, ideal for spaces where color fidelity is essential (such as shops, offices, showrooms, or residences). Additionally, its low glare index enhances visual comfort even during prolonged use.
- **120° Beam Angle:** Provides uniform and effective lighting, avoiding dark areas and annoying shadows, contributing to a more pleasant visual experience.
- **IP54 Protection:** Ensures resistance to dust and water splashes, expanding its installation possibilities to more demanding environments such as kitchens, bathrooms, or semi-outdoor areas.

Dimming Options

For projects requiring light intensity control, the downlight can be supplied with a dimmable LIFUD driver of choice:

- **TRIAC Dimmable:** Model **LF40WTRIAC / LF-ABT040**

Technical Datasheet

Compatible with most phase-cut dimmers, ideal for basic domestic or commercial applications.

- **0-10V Dimmable:** Model **LF40W0-10V / LF-ABA040**
Recommended for installations with analog voltage controllers, widely used in offices and retail spaces.
- **DALI/PUSH Dimmable:** Model **LF40WDALI / LF-ADD040**
Perfect for home automation systems or professional installations requiring centralized lighting management.

⚠ **Important Notice:** Lifud dimmable drivers do not include CCT or power selectors. However, they feature a **multi-voltage output via Dip Switch**, enabling output current adjustment for proper power configuration.

Recommended Applications:

- **Retail stores and shops**
- **Exhibition rooms and showrooms**
- **Reception areas and offices**
- **Kitchens, dining rooms, and living spaces**

Additional Benefits:

- **Energy efficiency**
- **Long lifespan**
- **Easy integration with lighting control systems**

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Additional images:

