

LED Circular Downlight 40W | Dimmable Lifud Driver | 3CCT | CRI+92 | IP65 | Cut-Out Ø145mm



Product code:

Reference: LFDIM-91390

Technical specifications:

REFERENCE: LFDIM-91390
Rated Power : 40w
Nominal Voltage: AC180-265V
Colour: 3CCT SELECT 3000K-4000K-6500K
CRI - Chromatic Rendiment Index: 92
Construction Material: Aluminium+PC
Luminosity-Lm: 4000
Number & Type of LEDs: COB
Beam Angle (°): 24°
Luminous diodo LED (Lm/W): 120Lm/W
Luminous Efficiency (Lm/W): 100 Lm/W
Dimmable: YES
Certifications: CE, CMIM, RoHS
IP : IP65-Outdoor
Diode Life Expectancy (H): 25.000
Dimensions (mm): Ø 160 mm x H110 mm
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 145mm
Glare Rating (UGR): 21
Driver included: YES
Driver included: Lifud Driver
Energy Rating (2021-UE-2019/2015): A+
Energy Rating (2023 - UE-2019/2015): E
Warranty Years: 5

Product short description:

40W Dimmable LED Recessed Downlight with LIFUD driver (TRIAC, 0-10V or DALI/PUSH) and 3CCT selector (3000K/4000K/6000K). Offers high CRI+92, flicker-free (NO FLICK), and IP65 protection for indoor and outdoor use. Its modern aluminum design with interchangeable trim (round or square) ensures a versatile, elegant, and professional installation. With a 24° beam angle, it is ideal for focused, high-quality lighting. Thanks to its dimmable function, you can easily adjust the light intensity according to the ambience or specific needs. Save energy from the very first use with efficient LED technology.

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The **40W Dimmable LED Recessed Downlight** is a professional lighting solution designed to provide **maximum efficiency, versatility, and light quality** for both indoor and outdoor spaces. Equipped with a **dimmable LIFUD driver** (compatible with TRIAC, 0-10V, or DALI/PUSH systems) and a **3CCT color temperature selector (3000K / 4000K / 6000K)**, this downlight allows you to customize the lighting according to the needs of each space.

With a **high color rendering index (CRI+92)**, it provides **natural, crisp, and realistic lighting**, ideal for environments that require precise color perception, such as retail stores, offices, hotels, restaurants, or high-end residences. Additionally, the **NO FLICK** technology eliminates annoying flicker, protecting visual health and providing optimal comfort.

The **modern high-quality aluminum design** includes a **white interchangeable trim**, available in round or square shape, facilitating versatile, aesthetic, and architecturally adaptable installation. With a **24° beam angle**, it delivers focused lighting perfect for highlighting objects, creating selective atmospheres, or emphasizing specific areas.

Thanks to its **IP65 protection**, this recessed downlight is suitable for humid and dusty conditions, making it ideal for both demanding indoor installations and covered outdoor areas.

Key Benefits

- **Advanced dimming:** Compatible with TRIAC, 0-10V, and DALI/PUSH.
- **Integrated 3CCT:** Choose between 3000K, 4000K, or 6000K.
- **High color fidelity:** CRI+92 for more realistic colors.
- **IP65 protection:** Safe for indoor and outdoor use.
- **24° beam angle:** Focused and professional lighting.

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- **NO FLICK** technology: Flicker-free for guaranteed visual comfort.
- **Versatile installation:** Ø145mm cutout suitable for multiple projects.

Available Dimming Options

Depending on the project requirements, the downlight can be supplied with different **LIFUD dimmable drivers**:

- **TRIAC - Model LF40WTRIAC / LF-ABT040**
Compatible with standard phase-cut dimmers, ideal for residential or basic commercial environments.
- **0-10V - Model LF40W0-10V / LF-ABA040**
Recommended for installations with analog control, common in offices and shops.
- **DALI/PUSH - Model LF40WDALI / LF-ADD040**
Perfect for smart building systems or technical installations requiring centralized professional control.

Important Pack Information

This product is supplied as a **pack**, consisting of:

- **Reference DNRW30W-CCT-91390** (downlight body).
- **Selected LIFUD driver** (TRIAC, 0-10V, or DALI/PUSH).

The customer should note that the downlight is delivered with a **GxTronic driver by default**. For proper operation and optimal performance, it is necessary to **remove the GxTronic driver** and **connect the LIFUD driver included in the pack**.

This ensures **superior performance, stable dimming, and extended LED system lifespan**.

Recommended Applications

Thanks to its technical characteristics and versatile design, this recessed downlight is ideal for:

- **Retail stores** → highlighting products in showcases or displays.
- **Hotels and restaurants** → elegant lighting in lobbies, dining areas, bars, or lounges.
- **Offices and meeting rooms** → clear, professional light that enhances spaces.
- **Museums and galleries** → precise illumination for artworks and exhibits.
- **High-end residences** → decorative lighting in living rooms, corridors, or covered terraces.
- **Healthcare centers and clinics** → uniform, flicker-free lighting, eye-friendly.
- **Covered outdoor areas (porches, entrances, pergolas)** → dust and moisture resistance with IP65 protection.

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Additional images:



Technical Datasheet

