

40W 60x60cm DALI-2 Dimmable + Selectable CCT UGR19 LED Panel 4600Lm

Product codes:

Reference: IL-PB40W-DALI



Product features:

Power (W): 40
Power source (V): 220-240V
Color temperature CCT: Seleccionable
3000K-4000K-6000K
LED: SMD2835
Dimmable: DALI
Brightness (Lm): 4600
CRI: +82
Colour: White
IP: IP20
Luminous angle: 120°
Frequency (Hz): 50-60Hz
Power factor: 0.95
Measures (mm): 595x595x35mm
Material: Aluminum + PC
Driver: LIFUD DALI-2 Flicker free
Operating temperature: -20°C ~ +55°C
Energy efficiency 2021: A+
Energy efficiency 2023: E
Lifespan: 50.000h
Certification: CE - RoHS
Warranty: 5 años

Product attributes:

Color temperature CCT (°K): Selectable CCT (3000K-4000K-6000K)

Product description:

60x60cm LED Panel 40W Selectable CCT - Dimmable DALI-2

The **60x60cm LED Panel** is a high-performance lighting option, designed to offer an excellent quality/price ratio. With a **power of 40W** and a **luminous flux of 4600 lumens**, this LED panel guarantees efficient and durable lighting, backed by a **5-year warranty**.

Optimal Visual Comfort with Microprismatic Diffuser

Equipped with a **microprismatic diffuser**, the LED panel provides a low glare index **UGR19**. This makes it the ideal choice for environments where optimal visual comfort is required, such as offices, classrooms, and other workspaces.

CCT Technology for Customizable Lighting

The **60x60cm LED Panel** incorporates **CCT technology**, allowing the selection of the desired light color between **3000K, 4000K, and 6000K**. This offers the flexibility to adapt the lighting to the specific needs of each project, creating warm,

neutral, or cool environments as required.

LIFUD Driver with DALI-2 Dimming

The panel includes an **LIFUD dimmable driver** compatible with the **DALI-2** protocol, ensuring flicker-free lighting and allowing **programmable dimming** through a DALI control unit. This ensures adjustable and optimized lighting for any environment.

Technical Specifications of the 60x60cm LED Panel

- **Power:** 40W
- **Luminous Flux:** 4600 lumens
- **Dimming:** DALI-2 Protocol
- **Dimensions:** 595x595x35mm
- **Diffuser:** PC microprismatic with UGR19
- **CCT Technology:** Selectable color between 3000K / 4000K / 6000K
- **Driver:** EAGLERISE DALI-2
- **Protection Rating:** IP20

What is the DALI-2 Dimming Protocol?

The **DALI-2 protocol** (Digital Addressable Lighting Interface) is an international standard for communication in lighting systems. This improved version of DALI offers greater interoperability and functionality, allowing different lighting devices, such as LED panels, controllers, and sensors, to communicate more efficiently.

Advantages of **DALI-2** include **precise light intensity control**, centralized programming and control of luminaires, and the ability to monitor the status and energy consumption of each device connected to the system.

Thanks to DALI-2 compatibility, the 60x60cm LED Panel allows users to adjust the light intensity according to the needs of the space, improving visual comfort and saving energy.

Product gallery:



