

40W 60x60cm Selectable CCT UGR19 LED Panel LIFUD driver 4800Lm

Product codes:

Reference: IL-PB40W



Product features:

Power (W): 40
Power source (V): 220-240V
Color temperature CCT: Seleccionable
3000K-4000K-6000K
LED: SMD2835
LED chip brand: OSRAM
Brightness (Lm): 4800
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 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:

40W Selectable CCT Backlight LED Panel 60x60cm - 4800 Lumens The **60x60cm LED Panel** is a high-performance lighting solution designed to offer excellent value for money. With a power of 40W and a luminous flux of 4800 lumens, this LED panel ensures efficient and long-lasting lighting, backed by a 5-year warranty. Microprismatic Diffuser UGR19

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

Integrated CCT Technology

The **60x60cm LED Panel** incorporates innovative **CCT technology**, allowing the selection of the desired light color between **3000K** (warm white), **4000K** (neutral white), and **6000K** (cool white), thus adapting the lighting to the specific needs of each project.

LIFUD Flicker-Free Driver

The panel includes a **LIFUD Flicker-Free Driver**, ensuring flicker-free lighting, which contributes to greater visual comfort and reduced eye strain, especially in prolonged work environments.

Backlight System

The **60x60cm LED Panel** is designed with a **backlight system**, allowing for uniform light emission without dark spots and better heat management. This not only improves the quality of light but also extends the panel's lifespan.

Technical Specifications of the 60x60cm LED Panel

- **Power:** 40W
- **Luminous Flux:** 4800 lumens
- **Dimensions:** 595x595x35mm
- **Material:** White lacquered aluminum frame
- **Diffuser:** Microprismatic PC with UGR19
- **CCT Technology:** Color selection between 3000K / 4000K / 6000K
- **Driver:** High-performance LIFUD, flicker-free
- **Protection Rating:** IP20
- **Warranty:** 5 years

UGR19 Rating

UGR (Unified Glare Rating) is a measure used to evaluate the glare caused by luminaires in work environments.

A value of **UGR below 19** indicates that the luminaire offers lighting with a low or no glare level, which means it is comfortable for users and does not cause visual discomfort. This is particularly important in environments such as offices, classrooms, hospitals, or any other place where optimal lighting is required for visual tasks.

The **UGR19** ensures comfortable and glare-free lighting, contributing to a healthier and more productive work environment.

Main Features

- **Backlight System:** Uniform light emission and better heat management.
- **Material:** Durable and lightweight aluminum frame.
- **Power:** 40W with high energy efficiency.
- **Brightness:** 4800 lumens, providing bright and uniform lighting.
- **Color Temperature:** Selectable between warm, neutral, and cool white.
- **Lifespan:** Extended lifespan thanks to the backlight system.
- **Installation:** Easy to install on ceilings, surfaces, or suspended.
- **Energy Savings:** Significant savings compared to conventional lighting.

Applications

- **Offices:** Provides comfortable lighting for work environments.
- **Stores:** Ideal for highlighting products and creating an attractive atmosphere.
- **Homes:** Perfect for adding a modern touch to any room.
- **Public Spaces:** Suitable for lobbies, corridors, and common areas.

Important Notes

- The 60x60cm LED Panel complies with all safety standards and regulations.
- Installation by qualified personnel is recommended.
- For optimal performance, avoid direct exposure to moisture and extreme heat.

Product gallery:

