

40W 60x60cm UGR19 LED Panel 4800Lm

Product codes:

Reference: IL-PB40WM



Product features:

Power (W): 40
Power source (V): 220-240V
Color temperature CCT: 4000K
Color temperature CCT: 6500K
LED: SMD2835
LED chip brand: Philips LUMILEDS
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: AGT Flicker Free
Operating temperature: -20°C ~ +55°C
Energy efficiency 2021: A+
Energy efficiency 2023: E
Lifespan: 35.000h
Certification: CE - RoHS
Warranty: 3 años

Product attributes:

Color temperature CCT (°K): Natural white 4000K, Cool white 6500K

Product description:

LED Panel CCT 60x60cm - 40W - 4800Lm 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 guarantees efficient and long-lasting lighting, backed by a 3-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.

AGT Flicker Free Driver

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

Backlight System

The **60x60cm LED Panel** is designed with a **backlight system**, providing 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:** PC microprismatic with UGR19
- **Driver:** AGT high-performance, 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 **UGR value below 19** indicates that the luminaire provides lighting with a low or zero glare level, meaning it is comfortable for users and does not cause visual discomfort. This is especially 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 white, neutral, and cool.
- **Long Life:** Prolonged lifespan thanks to the backlight system.
- **Installation:** Easy to install on ceilings, surfaces, or suspended.
- **Energy Savings:** Significant savings compared to conventional luminaires.

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, hallways, and common areas.

Important Notes

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

Product gallery:

