

40W LED Downlight OSRAM chip PALACE 24° UGR17 140lm/W



Product code:

Reference: 4832

Technical specifications:

REFERENCE: 4832
Rated Power : 40w
Nominal Voltage: 85V-265V
Colour: 3000K - 4000K
CRI - Chromatic Rendiment Index: 85
Construction Material: Aluminium +PMMA
Luminosity-Lm: 4400
Number & Type of LEDs: OSRAM SMD 5050 DURIS S8 GW P9LR35.PM
Beam Angle (°): 24°
Luminous diodo LED (Lm/W): 140 Lm/W
Luminous Efficiency (Lm/W): 110Lm/W
Certifications: CE - ROHS
IP : IP20
Diode Life Expectancy (H): 50.000
Dimensions (mm): 130 mm x 130 mm x H 50 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): 120 mm x 120 mm
Driver included: YES
Energy Rating (2021-UE-2019/2015): A+
Warranty Years: 3

Product short description:

40W LED Downlight chip **OSRAM** diodo **SMD 5050** it has an anti-glare factor **URG17**, with an opening angle of **24°**, so the lighting is more direct to center the light a specific points, achieving an elegant and distinctive accent lighting. **3 Year Warranty.**

Product description:

40W LED Downlight OSRAM chip 24° UGR17 140lm/W

Our new **Downlight 24° LED** is made entirely of **Aluminum**, with lens in **PMMA** of high transparency.

The lens achieves a dual effect thanks to the last generation double-acting lens (light beam concentrator) made of PMMA (methyl polymethacrylate), causing a base light and a **24°** concentrated **primary angle** to emphasize the object to be illuminated, and a softer 60° secondary angle to avoid accentuated shadows.

It has a modern design with a high quality white finish with baked paint. It has an opening angle of 24° make it an ideal luminaire to focus very specific areas.

Why is UGR important?

Lighting is often an undervalued element in companies, which certainly deserves more attention, as it has a great influence on the well-being and productivity of employees.

The lighting level must have the necessary intensity to be able to work and that the environment is clearly lit, but **without** producing **annoying** and harmful glare to the eye.

The Unified Glare Index is a value that indicates the degree of glare produced by certain luminaires and/or light sources from a given user position. This value is based on the recommendations of the new European standards for interior lighting: EN 12464-1 standard.

What are the factors with a Downlight in the determinant in the UGR?

The UGR measurement depends on several variables. For the valuation we can name as relevant the following factors:

- The shape and size of the space.
- The brightness of the wall surface, ceiling, floor and other large flat surfaces (Luminance).
- The Type of Luminaire.
- Distribution of luminaires in space.
- Observer position.

24° Optics and UGR17

Notice: Product subject to change without prior notice. Ensure to use the most recent technical datasheet.

Technical Datasheet

The downlight has a high reflection system, to maximize the luxes delivered by the luminaire while preventing the glare produced by the LED diode.

Maximize your savings with LED

Decorate your indoor spaces and start saving on your electricity bill, with LED technology you can **reduce up to 80% in energy**. You also help to take care of the planet as they are non-polluting products, and also with an instant ignition.

Applications of the 40W LED Downlight OSRAM chip 24° UGR17

- Shops
- Offices
- Meeting rooms
- Hotels
- Houses
- Halls

At FactorLED we ensure that our products have quality guarantee and offer all the necessary elements for DISTRIBUTION, IMPORT or WHOLESALER , including the technical sheet of each LED product.

Additional images:

