

18W 2000Lm CCT PRO LED Downlight OSRAM chip UGR19

Product codes:

Reference: DLREGB18WCCT



Product features:

Power (W): 18
Power source (V): 220-240V
Color temperature CCT: Seleccionable 3000K-4000K-6000K
LED: SMD2835
LED chip brand: OSRAM
Dimmable: Sí, TRIAC
Dimmable: DALI
Dimmable: 1/10V
Brightness (Lm): 2000
CRI: +80
Colour: White
IP: IP20
IK: IK06
Luminous angle: 120°
Frequency (Hz): 50-60Hz
Power factor: 0.95
Forma: Redondo
Measures (mm): Ø225x12mm
Medida de corte (mm.): Ø205mm
Material: Aluminum + PC
Driver: Flicker-free
Operating temperature: -20°C ~ +40°C
Energy efficiency 2021: A+
Energy efficiency 2023: F
Lifespan: 35.000h
Certification: CE - RoHS
Warranty: 5 años

Product attributes:

Dimming system: No dimming (On/Off), TRIAC, 1-10V, DALI

Product description:

Recessed 18W Slim LED Downlight with CCT System and Microprismatic Diffuser UGR19

The **18W Recessed Slim LED Downlight** is an ultra-thin luminaire, with a thickness of only 12mm and an outer diameter of 225mm, making it perfect for recessed installation in plaster ceilings and other materials with limited space. Equipped with a high-brightness and efficient **OSRAM LED chip**, it offers a **luminous flux of 2000 lumens**, providing uniform and high-quality lighting.

CCT System: Customize the Color Temperature

This downlight includes a **CCT** system that allows changing the color temperature between **3000K (warm white)**, **4000K (neutral white)**, and **6500K (cool white)** through the selector included in the cable. This lets you adapt the lighting to the specific needs of each space, whether to create warm and welcoming atmospheres or for areas that require more clarity and focus.

Microprismatic Diffuser UGR19: Visual Comfort

The integrated **microprismatic diffuser** reduces glare and eye strain, achieving a UGR19 rating. This ensures high

visual comfort, ideal for spaces where concentration tasks are performed and where light quality is crucial.

Dimming Control: Tailored Lighting

The LED downlight can be supplied **dimmable** thanks to its **external dimmable driver**, which controls the light output smoothly and gradually, without flickering. Three dimming systems are available:

- **Non-dimmable (On/Off):** Standard on/off switching.
- **TRIAC:** Dimming via TRIAC dimmers, commonly used in domestic installations.
- **1-10V:** Intensity control via analog 1-10V signal.
- **DALI:** Advanced digital dimming system, ideal for professional and automated installations.

Technical Specifications

- **Power:** 18W
- **Luminous Flux:** 2000 lumens
- **Outer Diameter:** 225mm
- **Thickness:** 12mm
- **Ceiling Cutout:** Ø200/205mm
- **Color Temperature (CCT):** 3000K / 4000K / 6500K selectable
- **Diffuser:** Microprismatic UGR19
- **LED Chip:** High-efficiency OSRAM LED
- **Dimming:** Optional (On/Off, TRIAC, 1-10V, DALI)
- **IP Rating:** IP20 (indoor use)

Applications of the 18W Recessed Slim LED Downlight

Thanks to its ultra-slim design, high efficiency, and the ability to adjust the color temperature, this downlight is ideal for a variety of applications:

- **Offices:** Comfortable and efficient lighting for workspaces.
- **Homes:** Living rooms, kitchens, hallways, and bedrooms with personalized lighting.
- **Retail Spaces:** Shops and commercial spaces that require adaptable lighting.
- **Educational Spaces:** Classrooms and libraries where visual comfort is essential.
- **Healthcare Centers:** Consulting rooms and waiting areas with suitable lighting.

Product gallery:

