

LED Ceiling Light Adjustable Power 20W - 15W - 10W - 5CCT - Radar Sensor - IP44



Product code:

Reference: 91295

Technical specifications:

REFERENCE: CL10W-15W-20W-CCT-91295
Rated Power : 20W - 15W - 10W
Nominal Voltage: 220-240V
Colour: 5CCT - 2700K-3000K-4000K-5000K-6000K
CRI - Chromatic Rendiment Index: 80
Construction Material: Polycarbonate
Luminosity-Lm: 2000
Number & Type of LEDs: SMD 2835
Beam Angle (°): 120°
Luminous diodo LED (Lm/W): 130Lm/W
Luminous Efficiency (Lm/W): 100 Lm/W
Certifications: CE, CMIM, RoHS
IP : IP44
Diode Life Expectancy (H): 30.000
Dimensions (mm): Ø280mm x H70mm
Frequency (Hz): 50/60Hz
Temperature Range (°C): +40°C ~ -20°C
On/Off Cycles: 100.000
Starting Time (s): 0,2s
Other Information: No Flick
Control modes: RADAR
Glare Rating (UGR): 21
Driver included: YES
Energy Rating (2021-UE-2019/2015): A+
Energy Rating (2023 - UE-2019/2015): F
Warranty Years: 3
Range (m): 6 m.
Units per masterbox: 10

Product short description:

LED Ceiling light with adjustable power (20W-15W-10W) and 5CCT color temperature (2700K-3000K-4000K-5000K-6500K), ideal for personalized and efficient lighting. Equipped with a **radar sensor** for precise and reliable motion detection, even through obstacles, this ceiling light ensures energy savings, comfort, and safety.

Its **high-luminosity Chip 2835** (130Lm/W) makes it perfect for spaces such as hallways, bathrooms, garages, storage rooms, and staircases, providing automatic and efficient lighting. A smart solution to enhance your space while saving energy!

Product description:

LED Ceiling Light Adjustable Power 20W - 15W - 10W - 5CCT - Radar Sensor - IP44

The **LED Surface Ceiling Light** is a lighting system designed to provide functionality, efficiency, and customization across a wide range of environments. With adjustable power settings of **20W, 15W, and 10W**, it adapts to the specific needs of any space, while the **5CCT color temperature** (2700K, 3000K, 4000K, 5000K, 6500K) allows users to customize the light tone, from warm to cool.

Equipped with an **advanced radar sensor**, this ceiling light detects motion precisely and reliably, even through obstacles. This makes it ideal for areas where automatic lighting is essential to enhance comfort, safety, and energy savings. Its **high-luminosity 2835 LED Chip** (130 Lm/W) ensures powerful and uniform lighting with minimal energy consumption, maximizing efficiency.

Key Features:

- **Adjustable Power:** Three power levels (**20W, 15W, and 10W**) to suit different needs and space sizes.
- **5CCT:** Adjustable color temperature ranging from warm light (**2700K**) to cool light (**6500K**) to create the desired ambiance.
- **Radar Sensor:** Advanced motion detection, reliable and adaptable to different environmental conditions, even through thin obstacles.
- **High Efficiency:** **2835 LED Chip** with a performance of **130 Lm/W**, delivering bright and clear light with low energy consumption.
- **Compact and Durable Design:** Perfect for ceiling installation in various styles and heights, made with high-quality materials for long-lasting durability.

Radar Options:

1. NORMAL

- In this mode, the ceiling light operates in a standard way without activating the radar sensor. It turns on and off via a manual switch.

2. RADAR SENSOR DAY

Technical Datasheet

- This mode activates the radar sensor so that the light operates during both day and night.
- It will turn on only when motion is detected, regardless of ambient light levels.
- Useful in places where constant motion detection is needed.

3. RADAR SENSOR NIGHT

- This mode activates the radar sensor only when there is little ambient light or at night.
- The light will turn on when motion is detected but will not activate if there is enough natural light.
- Ideal for saving energy, as it will only turn on when truly necessary.

TIMER (On-time after motion detection)

- **30S:** The light turns off 30 seconds after the last detected movement.
- **60S:** The light turns off 60 seconds after the last detected movement.
- **180S:** The light turns off 180 seconds (3 minutes) after the last detected movement.

Applications and Uses of 5CCT Adjustable Power LED Ceiling Light with Radar Sensor - IP44

The **LED ceiling light** is a versatile solution suited for a variety of settings and needs:

- **Hallways and passage areas:** Provides automatic lighting activated upon motion detection, enhancing safety and facilitating transit.
- **Bathrooms and restrooms:** Ideal for automatic lighting without manual switches, offering convenience and optimizing energy use.
- **Garages and storage rooms:** The radar sensor ensures lights activate when entering with a car or accessing storage areas, offering safety and ease of use.
- **Warehouses and industrial spaces:** Perfect for illuminating work or storage areas only when needed, saving energy and improving work efficiency.
- **Staircases:** Excellent for staircases and vertical spaces requiring consistent and safe lighting. The radar sensor ensures lights activate as you approach, reducing accident risks.

Additional Advantages of 20W LED Ceiling Light with Selectable Light and Motion Sensor

- **Significant Energy Savings:** Activates only when necessary, optimizing electricity consumption.
- **Enhanced Safety:** Automatically lights up dark areas, reducing the risk of trips or accidents.
- **Easy Installation and Maintenance:** Practical design simplifies installation on any type of ceiling with minimal maintenance requirements.

The **LED Surface Ceiling Light with Radar Sensor** is the ideal solution for those seeking to combine advanced technology, efficiency, and functionality in their lighting projects. Increase comfort and safety while reducing energy costs in any environment.

At our online store, FactorLED, we ensure that our products are of **QUALITY** and provide all the necessary elements for **DISTRIBUTION**, **IMPORTATION**, or **WHOLESALE**, including the technical specifications for each LED product.

Additional images:

