

6W Square LED Downlight 117x117mm 600Lm IP20

Product codes:

Reference: PL-DC6W



Product features:

Power (W): 6
 Power source (V): 100-240V
 Color temperature CCT: 3000K
 Color temperature CCT: 4000K
 Color temperature CCT: 6500K
 LED: SMD2835
 Brightness (Lm): 600
 CRI: +80
 Colour: White
 IP: IP20
 Luminous angle: 120°
 Frequency (Hz): 50-60Hz
 Forma: Cuadrado
 Measures (mm): 117x117x11mm
 Medida de corte (mm.): 100x100mm
 Material: Aluminum + PC
 Operating temperature: -20°C ~ +40°C
 Energy efficiency 2021: A+
 Energy efficiency 2023: G
 Lifespan: 25.000h
 Certification: CE - RoHS
 Warranty: 3 años

Product attributes:

Color temperature CCT (°K): Warm white 3000K, Natural white 4000K, Cool white 6500K

Product description:

6W Square LED Downlight 117x117mm IP20 The **6W IP20 Square LED Downlight** is a modern and efficient lighting solution, ideal for indoor use.

With a **6W consumption** and a **luminous flux of 600 lumens**, this downlight is perfect for **100x100mm square recesses**. It is made of **white lacquered aluminum**, providing excellent durability and an elegant finish. Its installation is simple, thanks to the built-in clamps that facilitate its fixing.

The downlight includes an **external driver** and is designed for indoor use, with an **IP20 rating** that makes it suitable for areas not exposed to excessive moisture.

Technical Data of the 6W 117x117mm Square LED Downlight

- **External Dimensions:** 117x117mm
- **Ceiling Cut-Out:** 100x100mm
- **Thickness:** 11mm (Suitable for plasterboard ceilings)
- **Average Consumption:** 6W
- **Equivalence:** Replaces 40W in conventional luminaires / 22W in low-consumption luminaires

- **Energy Savings:** 90% reduction in consumption
- **Dimming:** Non-dimmable (inquire for dimmable driver)
- **Driver Connection:** Direct to 230V mains
- **Ingress Protection:** IP20 (Not recommended for outdoor use)
- **Luminous Angle:** 120°
- **Glare Level:** Low
- **Color Rendering Index:** CRI>80

Installation of the 6W Square LED Downlight

The installation of the **recessed LED downlight** is simple and quick, fitting perfectly into plasterboard ceilings. Below are the general steps for its installation:

1. **Preparation:** Gather the necessary tools, such as a drill, screwdriver, pliers, and a cutter. Turn off the electricity at the fuse box to ensure safety.
2. **Marking and Cutting:** Mark the spot where the cut will be made on the ceiling. Use a drill to make holes in the four corners of the marked area. Then, use the cutter to connect these holes and create the opening for the LED downlight.
3. **Connection:** Insert the LED downlight into the opening and connect the power cables to the downlight terminals. Ensure that the connections are well made and that no wires are exposed.
4. **Fixing:** Secure the LED downlight in place using the built-in clamps. Check that the LED downlight is level and firmly attached to the ceiling.
5. **Testing:** Turn the electricity back on and verify that the LED downlight works correctly.

It is essential to follow the manufacturer's specific instructions for the installation of the recessed LED downlight. If you do not feel confident carrying out the installation yourself, it is advisable to hire a qualified electrician.

Product gallery:

