

DATA SHEET

LED DOWNLIGHT 18W, 4200K, 220V AC, IP44, SMD2835

LLV1842



BENEFITS

- Excellent quality LED chips SMD2835, with high luminous efficiency and long exploitation period;
- The downlights have aluminum LED PCBs, ensuring better cooling and increasing their life;
- The casing is made of PBT plastic, which has very good impact resistance and cooling;
- The emitted light has no flicker;
- The diffuser is made of UV-resistant polycarbonate with excellent mechanical and optical qualities;
- Equal light distribution due to the high beam angle (120°);
- External power supply of high class, guaranteeing reliable operation;
- Good protection index (IP44) – the downlights are acceptable to use in dusty and damp premises;
- High CRI (Ra≥80) combined with a suitable color temperature (4200K), making the product an excellent choice for lighting of hotels, restaurants, shops, offices, administrative building, etc.;
- The size of the downlights and their mounting hole diameters are chosen in a way to quickly and easily replace the less efficient fixtures that use compact fluorescent lamps;

Light technical information

- Rated luminous flux: 1550 lm
- Color Rendering Index (CRI): Ra≥80
- Beam angle: 120°
- Correlated Color Temperature (CCT): 4200 K
- LED type: SMD2835
- Photometric file (.LDT): Yes

Electrotechnical information

- Voltage: 220-240 V AC
- Frequency: 50-60 Hz
- Power: 18 W
- Class: II
- Driver: External, non-dimmable (could be dimmed with the appropriate dimmable driver)

Basic information

- Type of protection: IP44
- Working temperature: -10 °C ÷ +40 °C
- Mounting hole: Ø145 mm
- Lumen Maintenance L80B50: 30000 h
- Dimensions: 180/55 mm
- Warranty: 2 years