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Installation manual for 12 SMD 5050 LED cabinet lights 8V – 36V

Thank you for shopping at LEDcentre.uk.com.

We would like to help your electrician with the installation.



Performance: 2.4W

Operating Voltage: 8V - 30V AC / DC, constant voltage

Transformers: we recommend using our stabilised, constant voltage LED driver/power supply only. To calculate the required output of the LED driver, please use the power consumption details displayed on the product (2.4W). The total power consumption of 12 SMD 5050 LED cabinet downlight connected to the power supply should never be higher than 80% output of the power supply.

Batteries: The advantage of the 8V - 36V DC LED cabinet downlights is that they can operate on from 9V, 12V or 24V, therefore batteries are suitable for operating them.

Please note: Electronic transformers ruin the LED lights. If the light is damaged when used with unsuitable transformer, it loses its warranty.

The mains supply must always be isolated prior to installation. The overall electrical installation must conform to the relevant regulations.

The ends of the circlip should never touch the G4 SMD LEDs when held in place by circlips. Please always insulate the end of the circlip in such cases.

Mark out and drill a small pilot hole through the cabinet where you wish to place the LED cabinet downlight. For the best results use a hole-saw (a type of drill bit) to the correct size of the downlight, 55mm diameter, this can be purchased very cheaply from most DIY stores.

Once the wiring has been pulled through the hole the LED downlight can be wired.

Connect red wire (+) to positive output and black (-) to the negative output of the 12V LED transformer.

To fit the downlight into the hole push the LED cabinet light up into the hole, the springs then holding it in place. It is also advised to seal the inside edge of the LED cabinet light with suitable silicone paste.

The LEDcentre does not take any responsibilities for personal injuries or damage of the goods caused by incorrect installation. All installation must be carried out by qualified persons.