



# TECHNICAL DATA SHEET

## CANFORD RGB LED RACKLIGHT

**51-8551** CANFORD RGB LED RACKLIGHT, BLACK

### DESCRIPTION

The Canford RGB LED Racklight mounts in an equipment rack and provides a high-brightness light source to illuminate the controls of equipment mounted in the rack below it. Designed to keep the spillage of light to a minimum, the Racklight is highly useful not only back-stage and in equipment rooms, but also, in some positions, within a venue.

The unit is constructed from Steel and Aluminium offering a light weight robust construction. The rack light can be quickly changed from white to one of Six preset colours with the front mounted rocker switch. The colour is pre-selected using the RGB dip switches on the rear of the unit and is powered via a 12v 2A plug in PSU. Connection is via a 2.1mm locking DC connector to ensure a solid connection when used within mobile racks. Included on the front panel is a USB socket allowing the charging of a mobile phone or similar device.

### INSTALLATION

The unit should be fixed firmly in a 19" rack using suitable hardware.

DC power is connected via a rear-mounted, locking, 2.1mm DC connector.

The CE mark is applied to this product in respect of the Low Voltage Directive. This apparatus complies with the safety requirements of this Directive when used as intended in domestic, commercial, light industrial and similar general indoor use. It must not be subjected to splashing or dripping. No user serviceable parts accessible. Do not remove covers.

### OPERATION

A rocker switch to the left of the panel switches the unit off and on and selects the preferred colour.

In the centre position the unit is off. In the upper position a white light is selected.

In the lower position the colour presented will be that selected by the dip switch on the rear panel.

There is a choice of three colours: red green and blue. If the dip switches are in the up position, there will be no illumination. The preferred colour can be selected by moving the appropriate switch to the upper position. Note that if more than one switch is selected the colours will be additive.

Six colours are available when selected as follows:

	<b>R</b>	<b>G</b>	<b>B</b>
<b>Red</b>	on	off	off
<b>Yellow</b>	on	on	off
<b>Green</b>	off	on	off
<b>Cyan</b>	off	on	on
<b>Blue</b>	off	off	on
<b>Magenta</b>	on	off	on
<b>White</b>	on	on	on

### TECHNICAL SPECIFICATION

**Input Voltage:** +12V DC @2A

#### Dimensions:

**Depth:** 110mm (not including front housing)

**Depth of front housing:** 33mm

**Height:** 1U

**Width:** 483mm

**Weight:** 1.7Kg

#### Accessories

**Fasteners:** I6-023 to I6-085 Rack mount fasteners

I6-087 M6 bolt

I6-085 Plastic cup washer

**USB leads:** <https://www.canford.co.uk/USB-CABLES>