CANFORD

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Technical Data Sheet

LED SIGNAL LIGHT

51-302 LED Signal Light, white plate, red LED
51-303 LED Signal Light, white plate, amber LED
51-305 LED Signal Light, white plate, green LED
51-306 LED Signal Light, white plate, blue LED
51-309 LED Signal Light, white plate, white LED
51-312 LED Signal Light, black plate, red LED
51-313 LED Signal Light, black plate, amber LED
51-315 LED Signal Light, black plate, green LED
51-316 LED Signal Light, black plate, blue LED
51-319 LED Signal Light, black plate, white LED

INTRODUCTION

The Canford LED Signal Light, requires a DC voltage of 12 to 24 volts. The brightness and on-off switching of the light is controlled on by a separate input pin.

If the control input pin on the LED Signal Light is open circuit, then the light runs at maximum brightness. The brightness is reduced by shunting the control pin to 0v with a resistance. The light is off if the control pin is shorted to 0v.

The LED Signal Light can be switched on and off simply by switching on and off the DC supply powering the Light.

POWER SUPPLY

The Canford LED Signal Light Power Supply (51-310) is a suitable source of power and control for the LED Signal Light. This is a mains powered free-standing unit providing the DC power and allows the remote switching and control of two independent Canford LED Signal Lights. It maintains electrical isolation of the Signal Light connections from the mains. Control is implemented using either a closing contact or by applying 5-50 volts DC.

MOUNTING

The LED Signal Light fits a standard single-gang back box.

INSTALLATION

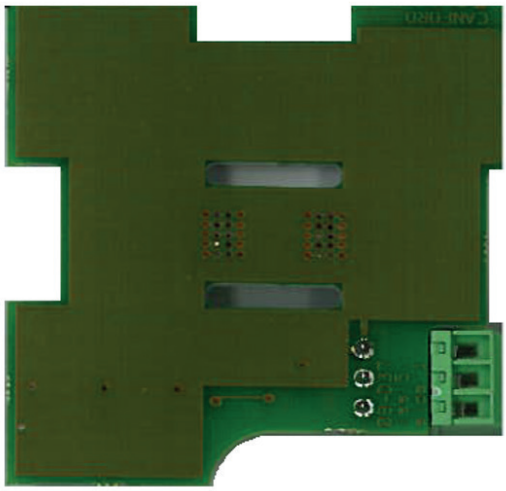
Inserting a small, flat-bladed screwdriver at one end of the lens and push out. This will reveal the mounting screw heads.

Wire up the connector block as shown in Fig.1.

Screw the fitting into a suitable single-gang back-box, flush or surface as appropriate. Ensure no wires are trapped.

Refit the lens by inserting one end into the plate then snapping the other end home.

WIRING



1 0V
2 +12 to +24V
3 Control

Fig.1

TECHNICAL SPECIFICATION

DC input:	**12 - 24 VDC**	150mA max at 12v 80mA max at 24v
Size:	To fit single gang back box: 87mm x 87mm	
Projection in front of mounting surface:	24mm	

Depth behind mounting surface:	15mm
Weight:	80g
Mounting:	Standard single-gang back box
Spare mating connector:	3-way Terminal Block (06-788)