LED LITE™ LT10PIRCCT

230V	50Hz	IP65	CE	
230V	50Hz	IP65 Rated Fascia	CE Approved	BS 476 Part 21
IC RATED	90 mins protection	Part 'E' Compliant	Non-Dimmable	68-70mmØ

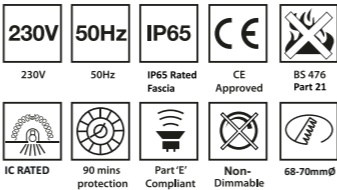## ⓘ Installation Sheet

6W/10W LED PIR Fire Rated Downlight

General Instructions

These instructions should be read carefully and retained after installattion for further reference and maintenance.

Safety

Before carrying out any installation or maintenance, ensure the mains power to the luminaire is switched off, and either remove the circuit fuses or turn off the circuit breaker.

• Installation must be carried out by a qualified electrician.
• This luminaire must be installed in accordance with the current edition of the IEE Wiring Regulations and all relevant building regulations.
• Before installation, ensure that the total circuit load, including this luminaire, does not exceed the rated capacity of the circuit cable, fuse, or circuit breaker.

Installation

• Switch off the mains power before starting. Cut an appropriately sized hole in the ceiling according to the cut-out dimensions, ensuring the area is clear of electrical wiring, water/gas pipes, or ceiling joists (see Fig. 1).
• The downlight is IC Rated and suitable for use with insulation materials. No additional IC cage accessories are required.
• Wire the cable according to the wiring diagram shown in Fig. 2.
• Insert the driver into the ceiling hole (see Fig. 3) and connect the downlight to the driver using the supplied connectors (see Fig. 4).
• Install the downlight into the ceiling cut-out using the two spring clips provided (see Figs. 5 and 6).
• Restore the mains power and test the installation to ensure proper operation.
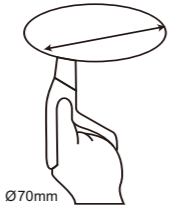
Fig. 1
Cut a 70mm diameter mounting hole in ceiling

ON OFF

Ø70mm

Fig. 2
Connect mains supply to driver

⚡ 220-240V ~ + □   TotalMax. 200W

L E N L1

Min. 2 x 0.75mm²
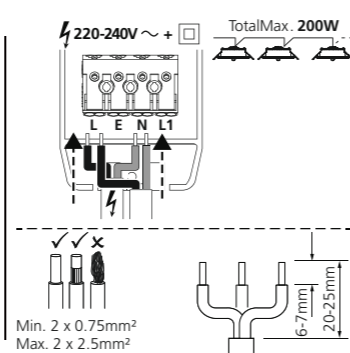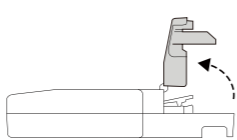Max. 2 x 2.5mm²
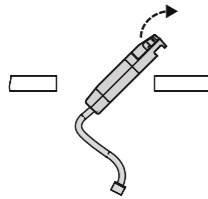
6-7mm
20-25mm

Fig. 3
Insert the driver into hole
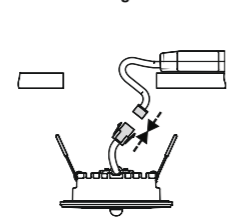
Fig. 4
Connect downlight to driver

Fig. 5
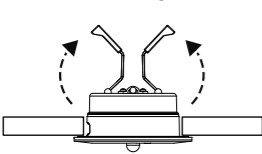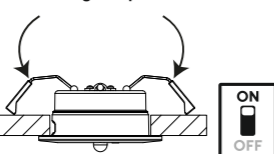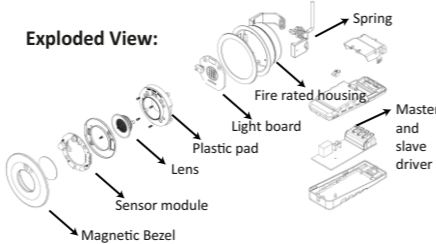Fold spring clips upwards and insert downlight into hole

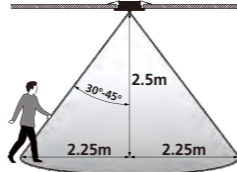**Fig. 6**
Release spring clips to hold the downlight in place
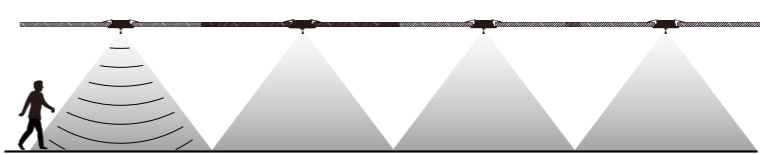
ON OFF

Exploded View:

Spring
Fire rated housing
Light board
Plastic pad
Lens
Sensor module
Magnetic Bezel
Master and slave driver

For further information visit www.tlc-direct.co.uk

PIR Sensor Detection:

2.5m
30°-45°
2.25m   2.25m

Master-Slave Function:

Master-slave Wiring Diagram:

PIR Sensor   3 core cable

Mains Supply

L
E
N

L	L	L	L	L
E	E	E	E	E
N	N	N	N	N
L1				L1

Non - sensor Lights (switching load)
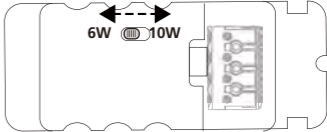
PIR Sensor (optional)
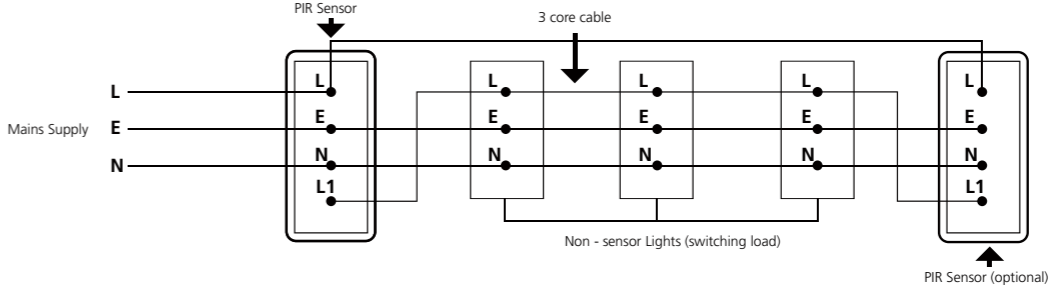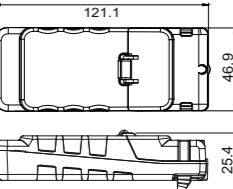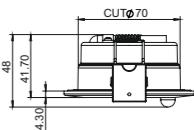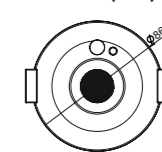
Colour Changing Function

The LT10PIRCCT is a 3 CCT switchable donwlight.
The colour temperature is adjustable from 3000k, 4000k to 6000k.

3000K 4000K 6000K
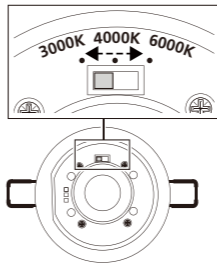
Power Switching Function

6W   10W

Dimensions (mm):

CUTØ70
48
41.70
4.30

121.1
46.9
25.4

Sensor Setting

Please check the settings below for PIR sensor adjustments:

ON
1 2 3 4 5 6

Hold Time			Sensitivity			Lux		Standby	
	1	**2**		**3**	**4**		**5**		**6**
I	○	○	10s	I	○	○	25%	I	○	Night	I	○	Off
II	○	●	1min	II	○	●	50%	II	●	Day	II	●	On
III	●	○	3min	III	●	○	75%					
IV	●	●	10min	IV	●	●	100%					

LED LITE™
Energy Saving LED