

Knightsbridge

INSTALLATION & MAINTENANCE MANUAL

BT14CTS



230V
50Hz



IP
54

ML
ACCESSORIES LTD



 **RoHS**
COMPLIANT



02

GENERAL INSTRUCTIONS

These instructions should be read carefully and retained after installation by the end user for future reference and maintenance.

**These instructions should be used to aid installation of the following product:
BT14CTS**

SAFETY

- This product must be installed in accordance with the latest edition of the IEE Wiring Regulations (BS7671) and current building regulations. If in any doubt, please consult a qualified electrician.
- Please isolate mains prior to installation or maintenance
- Check the total load on the circuit (including when this luminaire is fitted) does not exceed the rating of the circuit cable, fuse or circuit breaker
- Please note the IP (Ingress Protection) rating of this luminaire when deciding the location for installation
- This product is Class II double insulated
- This product is IP54 rated
- This product is non-dimmable

INSTALLATION

- Provide power to the required point of installation. Suitable IP rated junction boxes should be used where required
- Remove the diffuser by rotating bezel anti-clockwise (see Fig. 1)

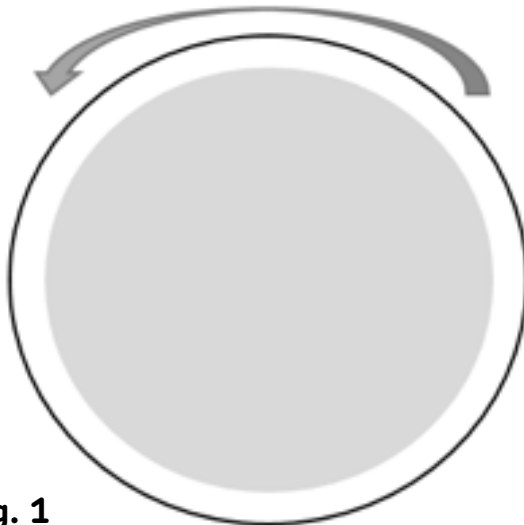


Fig. 1

- Remove the fastening screw securing the LED plate, and open the LED plate (see Fig. 2)

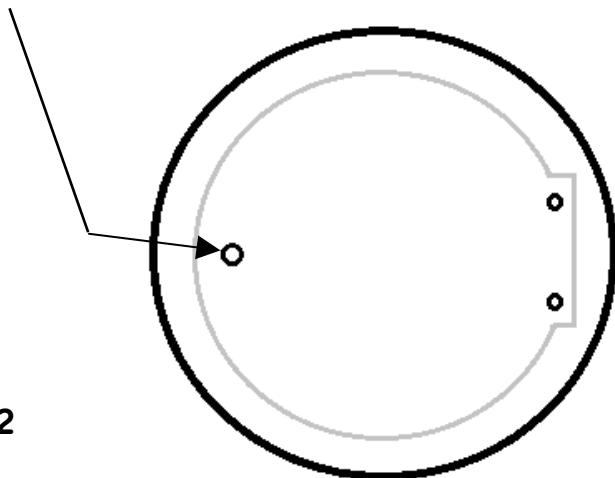


Fig. 2

- Mark the location of the fixing holes, and drill the holes ensuring not to infringe with any gas / water pipes or electrical cables
- Feed the cable via the rubber grommet to retain IP rating, and secure the base plate to the surface
- Connect the Live (brown) and Neutral (blue) to the terminals on the terminal block (see Fig. 3)



Fig. 3

- The additional terminal called Slave Live (L') is available to enable the sensor to power on additional luminaires. A max of 400W LED load can be controlled by the sensor
- Please see DIP switch layout to set up sensor
- Refasten the LED plate screw
- Choose the required colour temperature by means of the DIP switch (see Fig. 4)

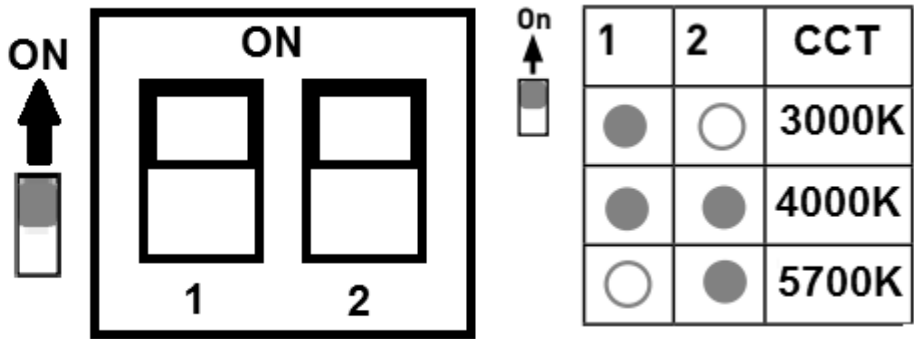
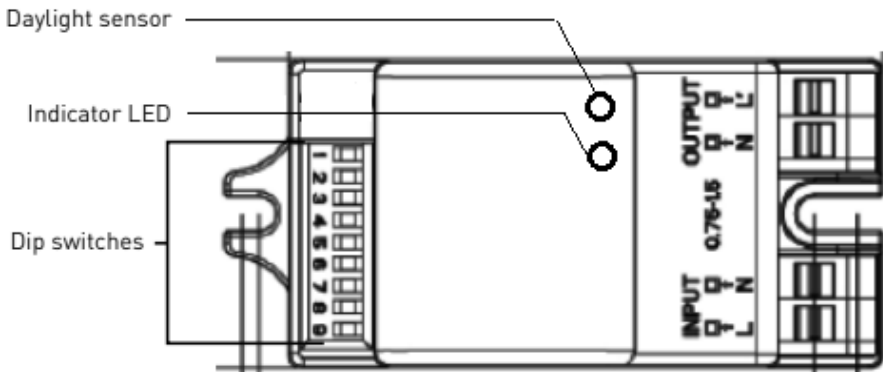


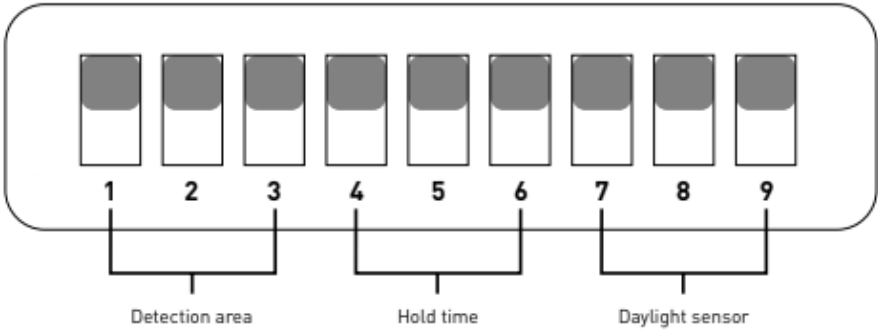
Fig. 4

- Reattach the diffuser by rotating clockwise
- Switch on and check for correct operation

SENSOR LAYOUT



DIP SWITCH LAYOUT



DIP SWITCH SETTINGS


Detection area




















On
↑

1	2	3	
●	●	●	100%
○	●	●	75%
●	○	●	50%
○	○	●	25%
○	○	○	10%

Detection area can be adjusted by the combination of dip switches.


Hold Time
















On
↑


	4	5	6	
				5sec
				30sec
				90sec
				3min
				20min
				30min

This is the time period the lamp remains at 100% after no motion is detected.

Daylight sensor

On
↑


	7	8	9	
				2lx
				10lx
				25lx
				50lx
				Disable

When set to disable, the daylight sensor will switch the lamp on when motion is detected regardless of the ambient light level.

WARNING

This product must be disconnected from the circuit if subjected to any high voltage or insulation resistance testing. Irreparable damage will occur if this instruction is not followed

GENERAL

The product should be recycled in the correct manner when it reaches the end of its life. Check local authorities for where facilities exist

Clean with a soft dry cloth only, do not use aggressive cleaning products or solvents which may damage the product

WARRANTY

This product has a warranty of 3 years from date of purchase. Failure to install this product in accordance with the current edition of the IEE Wiring Regulations, improper use, or removal of the batch codes will invalidate the warranty. If this product should fail within its warranty period it should be returned to the place of purchase for a free of charge replacement. ML Accessories does not accept responsibility for any installation costs associated with the replacement product. Your statutory rights are not affected. ML Accessories reserve the right to alter product specification without prior notice.

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