



Knightsbridge[®]
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INSTALLATION & MAINTENANCE MANUAL
TPB14LEDA

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02



GENERAL INSTRUCTIONS

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

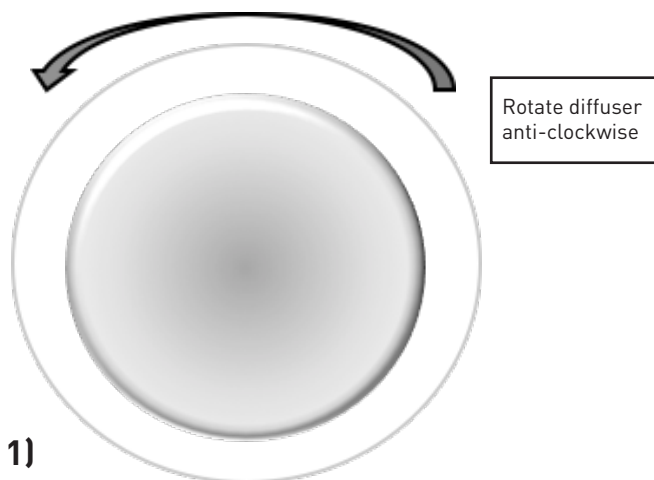
These instructions should be used to aid installation of the following product:
TPB14LEDA

SAFETY

- Installation of this luminaire should only be carried out by a qualified electrician or competent person to the current Building and IEE Wiring Regulations (BS7671)
- Please isolate mains prior to installation/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 of Protection) rating of this luminaire when deciding the location for installation
- This product is Class II double insulated
- This product is IP44 rated
- This product is self-dimmable only

INSTALLATION

- Provide power to the point of installation. Suitable IP rated junction boxes should be used where required
- To remove the diffuser rotate anti-clockwise (see Fig 1)



(Fig 1)

SEMI-BRIGHT BRIGHTNESS TIME SETTING

This setting is to adjust the length of time the fitting remains in the dimmed mode before completely switching off. The luminaire will permanently remain in the dimmed mode when set to 24hr mode until microwave sensor is triggered

S9	S10	Semi-bright brightness time	S9	S10	Semi-bright brightness time
0	0	24hr	1	0	30min
0	1	1min	1	1	60min

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 LEDs fitted in this product are non-replaceable. The unit 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 fitting.

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.

DISTANCE SETTING (SENSITIVITY)

When adjusting the sensitivity of the microwave sensor refer to the 2 distance dip switches (S1 and S2) on the sensor a maximum distance of 8 meters can be detected when the luminaire is mounted a max height of 2.5m.

The “switch on” position is “1” and the “switch off” position is “0” on the table below

S1	S2	Distance	S1	S2	Distance
0	0	2m	1	0	6m
0	1	4m	1	1	8m

TIME SETTING

Time setting can range from 10sec to 12min. It is recommended to select the shortest time when adjusting the detection zone and performing a walk test

S3	S4	Time	S3	S4	Time
0	0	10sec	1	0	6min
0	1	1min	1	1	12min

LIGHT CONTROL SETTING

If you wish the luminaire to operate not only in low light levels, it can be set to “24hr”. This mode will allow the luminaire to operate in all ambient lighting conditions.

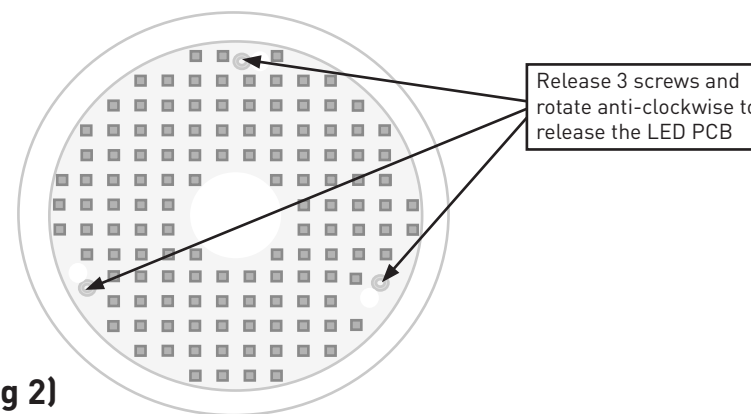
S5	S6	Light	S5	S6	Light
0	0	24hr	1	0	30LUX
0	1	10LUX	1	1	50LUX

SEMI-BRIGHT BRIGHTNESS SETTING

This setting is to adjust brightness level of the luminaire when dimmed.

S7	S8	Semi-bright brightness	S7	S8	Semi-bright brightness
0	0	0	1	0	20%
0	1	10%	1	1	30%

- Loosen the 3 screws on the LED plate and twist gently to remove, see Fig 2



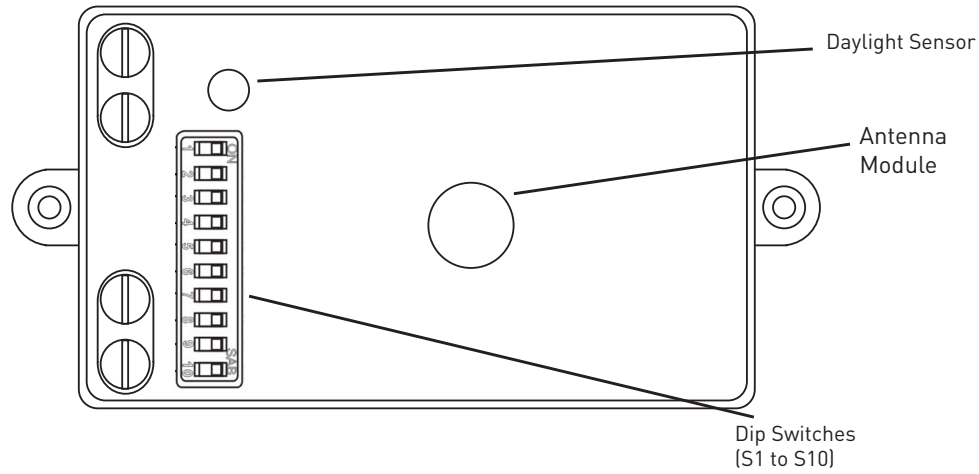
(Fig 2)

- Mark the location of the fixing holes, and drill the holes ensuring not to infringe with any joists, gas or water pipes or electrical cables
- Feed the power cable via the cable entry point on the rear of the luminaire
- Locate the luminaire securely to required surface
- Connect Live (brown) and Neutral (blue) to the 2-way terminal block (see Fig 3)



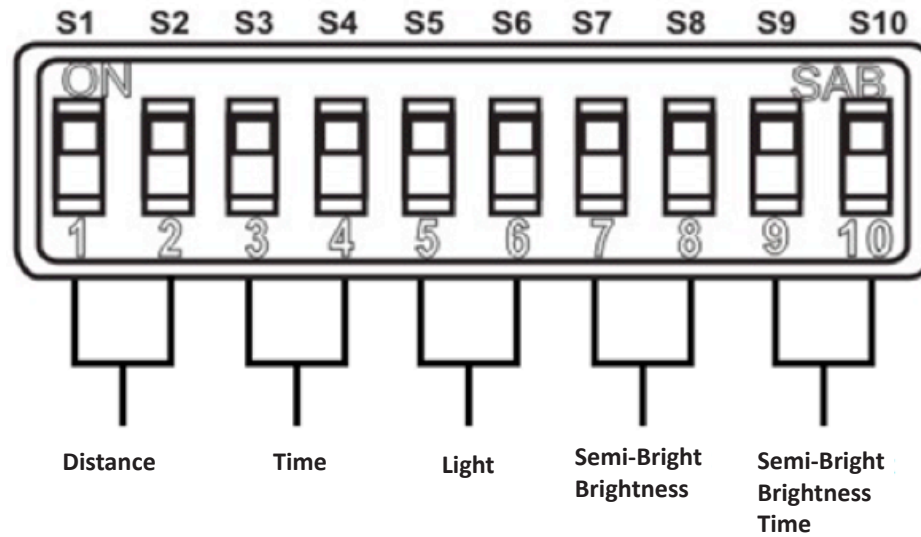
(Fig 3)

- Please see section “DIP SWITCH LAYOUT” to set up sensor
- Reconnect the LED plate to the driver (via the DC Socket)
- Fasten the 3 LED plate screws
- Reattach the diffuser by rotating clockwise
- Switch on and check for correct operation
- Please see Fig 4/Fig 5 for how to set up sensor



DIP SWITCH LAYOUT

See "sensor setup" below for configuration

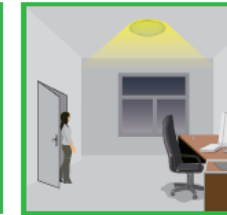


CORRIDOR FUNCTION SETUP

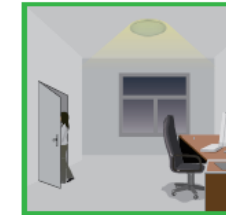
Mode 1, (Semi-Bright Brightness Time Setting 24hr)



With ample natural light in the room the luminaire will remain off, even if motion is detected.



With low natural light, the luminaire will switch on when motion is detected. The luminaire will remain on (with motion detected), even if the natural light level increases.

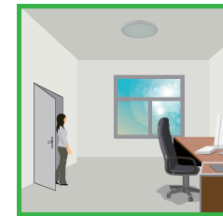


In the absence of motion, the luminaire can be set to 10%/20%/30% standby level. This happens after the set time has elapsed.

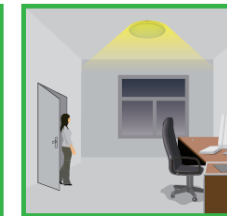


Luminaire switches off after the hold time has elapsed

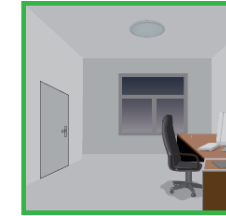
Mode 2 (Semi-Bright Brightness Time Setting 1min, 30min, 60min)



With ample natural light in the room the luminaire will remain off, even if motion is detected.



With low natural light, the luminaire will switch on when motion is detected. The luminaire will remain on (with motion detected), even if the natural light level increases.



In the absence of motion the luminaire will power off when the 0% dim is selected. This happens after the hold time has elapsed.

