

Skytile® Sense Range

Installation instructions for Skytile® Presence Detection

Warnings and cautions

- To avoid electric shock, serious injury or property damage, isolate power before installing, removing or servicing the product
- It is recommended that luminaires are installed by a qualified electrician and the installation complies with the local current wiring regulations
- Any broken or damaged parts should be replaced as soon as possible. JCC will not accept responsibility for claims arising from any sub-standard installations
- This luminaire is suitable for indoor use only
- These products are designed for connection to a mains supply of 220-240V~ 50/60Hz
- It may be necessary to upgrade your MCBs to allow for increased inrush current
- Do not cover with insulation
- Do not carry out insulation tests with the product connected to the circuit
- It is recommended that the ambient room temperature should not exceed 25°C

INSTALLATION

ENGLISH

- Read instructions and check that you have all of the tools and accessories required to complete the installation correctly. Isolate power supply before starting the installation.

Wattage	Colour Temp	Lumens	LpcW
Specifications Ra: 80			
30W	*3000K/4000K/5700K	3000	100

*Note: separate product codes for each CCT variant

Wiring connection

220-240V 50/60Hz / Class II

Fig. 1. Mains Input Cable

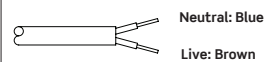
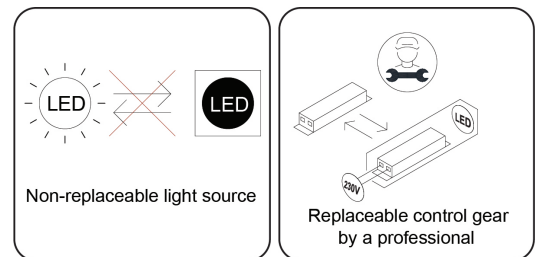


Fig.1.a. Luminaire connection

Plug & Play Connectors



Terminal block must comply to EN 60998-2-1 or EN 60998-2-2



Installation Note

- Detection area is automatically reduced to 2/3rds of normal when panel is dimmed. This function is in place to prevent accidental triggering.

- Remove the ceiling tile from the location where you wish to install the LED Panel.
- Connect the LED driver to the mains supply. Refer to Fig.1 for details.
- Select presence detection settings on driver before attaching to LED panel (see below for details).
- Remove silicone bung from underside of LED panel (Fig.3).
- Place LED panel halfway into the ceiling aperture then fit the driver to the recess on back of LED panel (Fig.4). Magnets will secure driver in position as shown in Fig.5.
- Reconnect mains power supply.

Fig.3

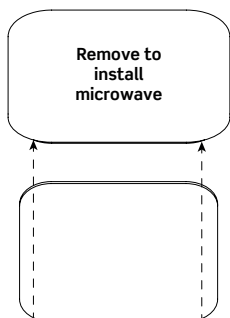


Fig.4

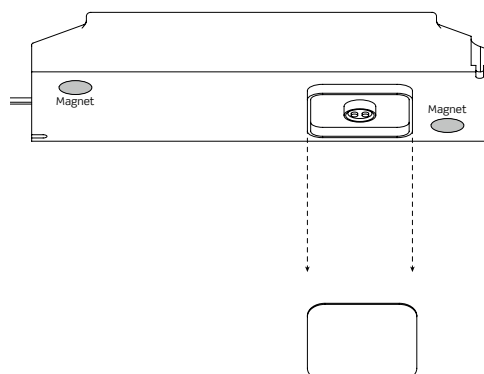
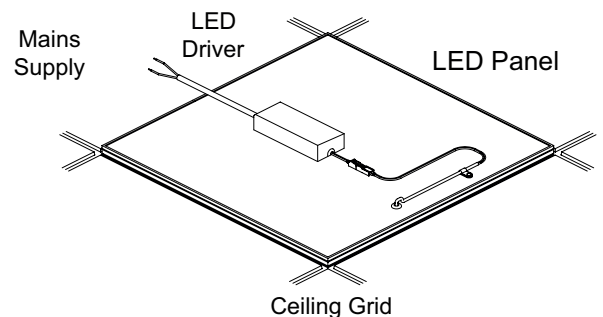
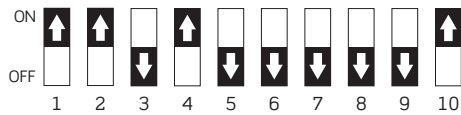


Fig.5



Default settings of driver



Default setting are:

Up to 100%, 15min, daylight sensor disabled, +∞, 25%.

Detection Area (1)

I: Up to 100%
II: Up to 50%

Hold Time (2,3 &4)

Refers to the time period the LED panel remains at 100% illumination after no motion detected.

I: 5s
II: 3min
III: 15min
IV: 30min
V: +∞

Note: +∞ means LED panel will remain 100% on even there is no movement.

Stand-by Period (7&8)

The sensor can be set to only allow the LED panel to illuminate below a defined ambient brightness threshold. The settings are as follows:

I: 0s
II: 10min
III: 30min
IV: +∞

*When set to +∞, the low light is maintained until motion is detected - Step Dim function.

Detection Area	Hold Time	Daylight Sensor	Stand-by Period	Stand-by DIM Level
1	2 3 4	5 6	7 8	9 10
ON 100%	ON ON ON 5s	ON ON 50Lux	ON ON 0s	ON ON 10%
-	ON - ON 3min	ON - 150Lux	ON 10min	- ON 25%
- 50%	ON ON - 15min	- ON 300Lux	ON - 30min	- ON 25%
-	ON ON - 30min	- - Disable	- - +∞	- - 50%

Daylight Sensor (5&6)

The sensor can be set to only allow the LED panel to illuminate below a defined ambient brightness threshold. The settings are as follows:

I: 50Lux, dark operation
II: 150Lux, twilight operation
III: 300Lux, twilight operation
IV: Disable

Note: When set to 'Disable' mode, the daylight sensor will switch on the LED panel when motion is detected regardless of ambient light levels. It is recommended that the 'Disable' function is not used in offices.

Stand-by DIM Level (9&10)

I: 10%
II: 25%
III: 50%

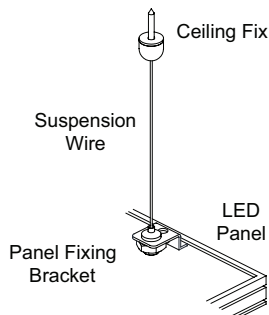
You can help protect the environment. Please remember to respect the local regulations: hand in the non-working electrical equipment to an appropriate waste disposal centre. The packaging material is recyclable. Dispose of the packaging in an environmentally friendly manner and make it available for the recyclable material collection service.

Mounting options

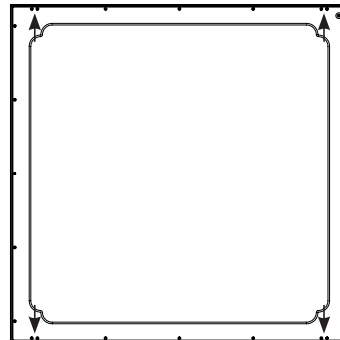
Wire suspension

Suspension Mounting

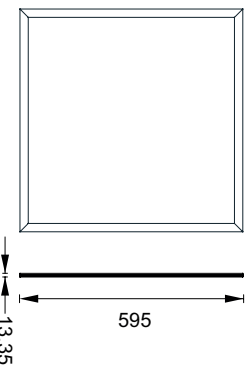
JCC can also supply a Wire Suspension Kit for applications where a ceiling grid is not available



Suspension bracket fixing points



Profile & Dimensions

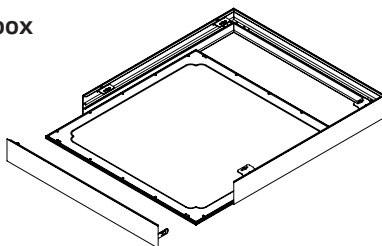


All dimensions in millimetres

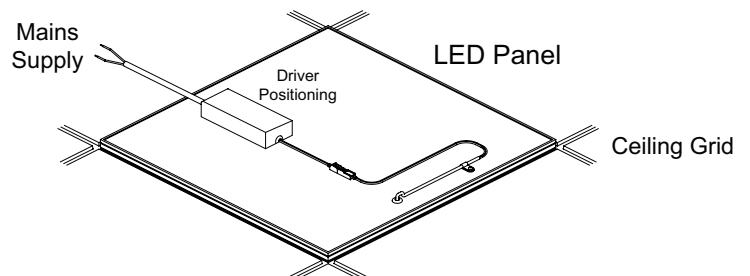
Surface mounting box

Surface Mounting

JCC can also supply a Surface Mounting Tray. Please ensure there is adequate clearance around the fitting to allow access to the panel.



Grid ceiling



Recommended remote emergency packs:

JCEM001- JCC Emergency Remote Pack

JCEM001ST- JCC Emergency remote pack self-test

Important warranty information

This product is supported by a 2-year standard warranty which will extend to 5-years if registered within the first year of purchase. Please register at jcc.co.uk/warranty (Terms and conditions apply).

The installer will be asked to provide the following information, which is detailed on a label attached to the luminaire's chassis:
Product Code/Date Code.