

# Skytile® Sense Range

## Installation instructions for Skytile® Daylight Harvesting

### 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
<b>Specifications Ra: 80</b>			
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

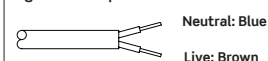
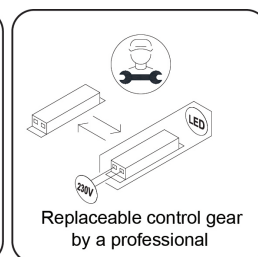
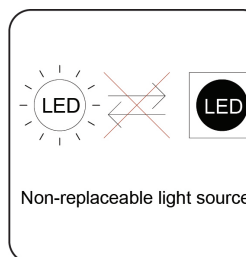


Fig. 1.a. Luminaire connection

Plug & Play Connectors



### Installation Note

- Maximum recommended installation height 2.8 metres.
- Daylight harvesting function varies on reflectance of surface below the panel. Typically panels are effective up to 6 metres away from natural daylight source.
- Daylight panels must have 1200mm x 1200mm (2 X 2 panels) or 1800mm x 1200mm (3 x 2 panel) spacing in order for them to work effectively.

1. Remove the ceiling tile from the location where you wish to install the LED Panel.
2. Connect the LED driver to the mains supply. Refer to Fig.1 for details.
3. Select presence detection settings on driver before attaching to LED panel (see below for details).
4. Remove silicone bung from underside of LED panel (Fig.3).
5. 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.
6. Reconnect mains power supply.

Fig.3

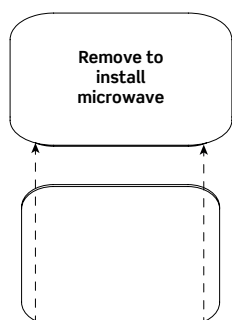


Fig.4

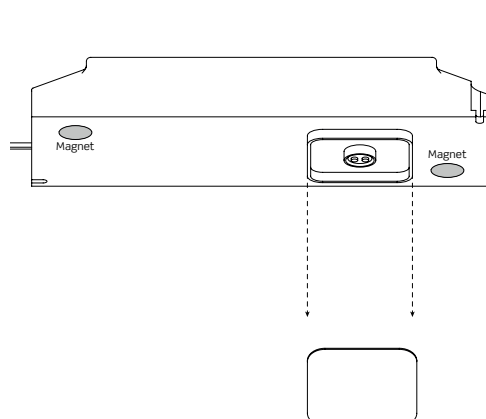
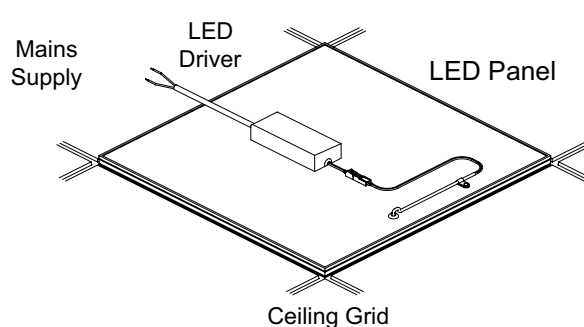
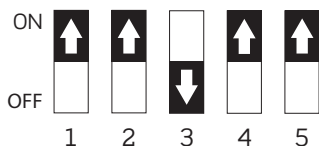


Fig.5



### Default settings of driver



Default setting are:

500Lux, 25% and daylight harvest active.

ON OFF	Target Illumination		Minimum Hold Level			Daylight Harvest	
		1	2		3	4	5
	500Lux	ON	ON		OFF	ON	ON
	400Lux	ON	—		25%	—	ON
	300Lux	—	ON		50%	—	—
	150Lux	—	—				Disabled

### Target Illumination (1&2)

I: 500Lux  
II: 400Lux  
III: 300Lux  
IV: 150Lux

### Minimum Hold Time (3&4)

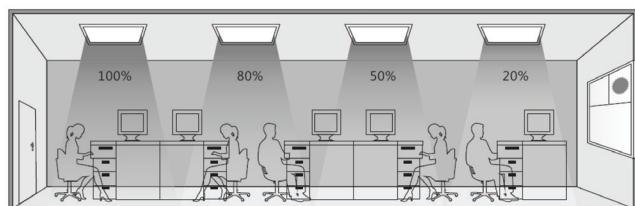
I: OFF  
II: 25%  
III: 50%

Note: Set to OFF the panel light will switch off if natural light gets the closest value. 25% and 50% level : which is the minimum level the panel will go down to rather than switching off. If you select 150LUX ,you only can set Dim Level OFF and 25%.

### Daylight Harvest (5)

I: Active  
II: Disable

Note:  
Active: Daylight harvesting is active.  
Disable: It's just a normal driver.



\*All LED panel lights automatically adaptive dim according to natural light.

Application	Recommended LUX Level
Corridors/Storage Areas	150
General Recreation Areas	300
General Office Applications	400
Office work with computers, Retail, Schools and Workshops	500

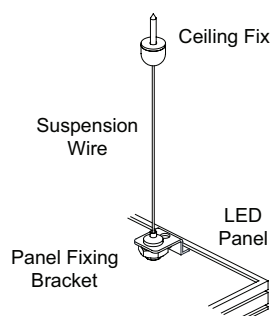
You can help protect the environment. Please remember to respect the local regulations: hand in the non-working electrical equipment to an appropriate waste disposal centre. The packaging material is recyclable. Dispose of the packaging in an environmentally friendly manner and make it available for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

## Mounting options

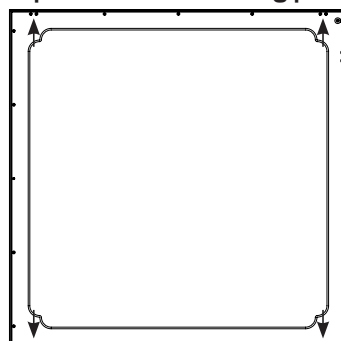
### Wire suspension

Suspension Mounting

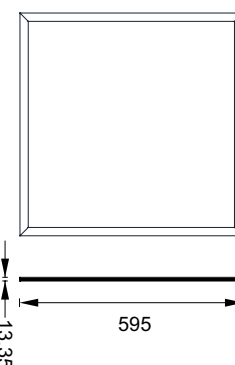
JCC can also supply a Wire Suspension Kit for applications where a ceiling grid is not available



### Suspension bracket fixing points



## Profile & Dimensions

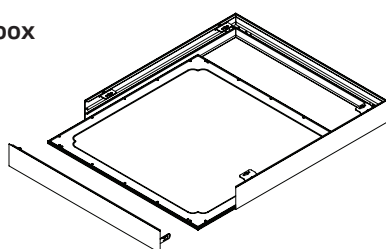


All dimensions in millimetres

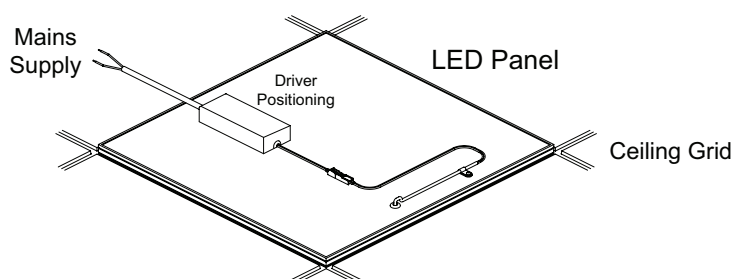
### Surface mounting box

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](http://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.