

Skytile® Range

Installation instructions for Skytile® recessed LED panels



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.

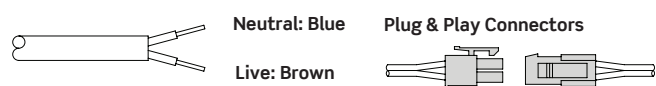
Wattage	Colour Temp	Lumens	LpcW
600 x 600			
30W	3000K	3000	100
30W	4000K	3000	100
30W	5700K	3000	100
300 x 1200			
30W	4000K	3000	100
30W	5700K	3000	100
600 x 1200			
48W	4000K	4800	100
48W	5700K	4800	100

Specifications Ra: 80

Wiring connection

220-240V 50/60Hz / Class II

Fig. 1. Mains Input Cable



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

700mA/27-45V DC / Class III
1050mA/27-54V DC / Class III

30W = 700mA
48W = 1050mA

Fig.1.a. Luminaire connection

Plug & Play Connectors



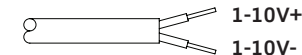
Standard non-dimmable/dimmable luminaire installation

1. Remove the ceiling tile or tiles from the location where you wish to install the LED panel.
2. Wire the LED driver to the mains supply as indicated in figure 1. If a dimmable variant, connect the dimming control wires (DALI/1-10V/DSI) as shown in figure 2.
3. Move LED panel into the ceiling aperture and when positioned halfway connect the driver low voltage output to the LED panel (luminaire) as shown in figure 1.a.
4. Position the LED panel into place in the grid ceiling.
5. Reconnect mains power supply and test for operation.

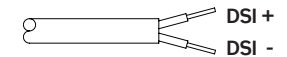
Dimming control input

Figure 2.

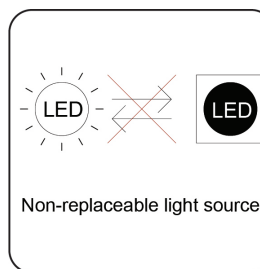
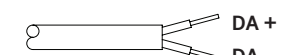
1-10V control wires



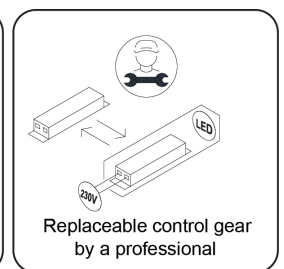
DSI control wires



DALI control wires



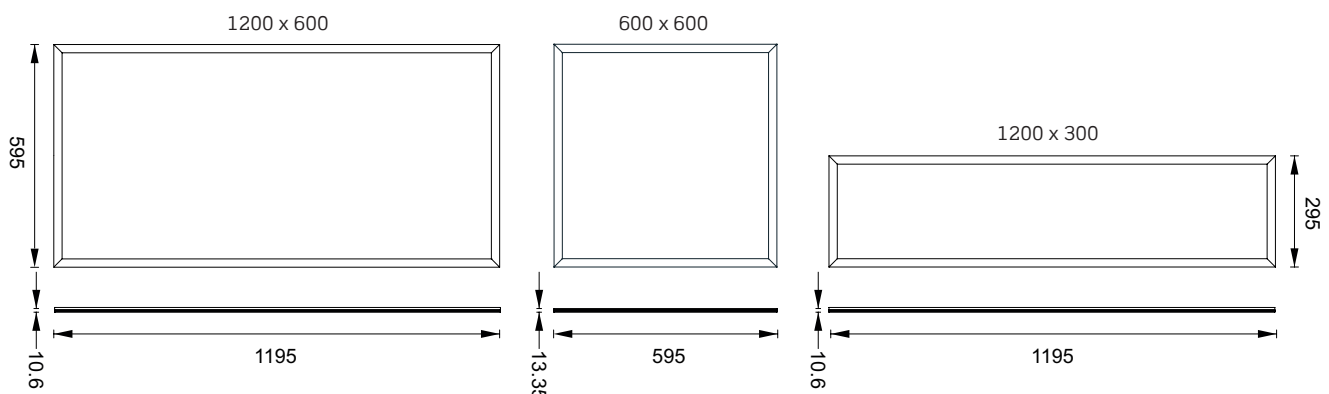
Non-replaceable light source



Replaceable control gear by a professional

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.

Profile & Dimensions



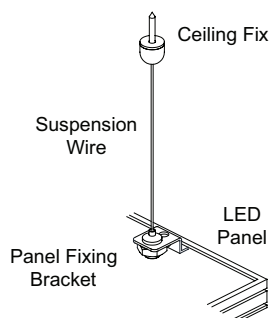
All dimensions in millimetres

Mounting options

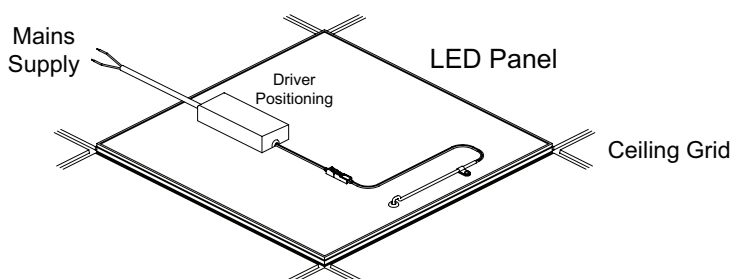
Wire suspension

Suspension Mounting

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



Grid ceiling

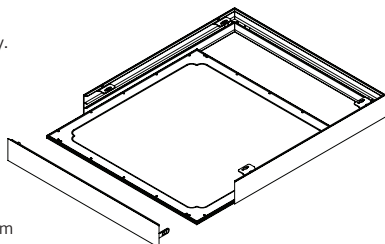


Surface mounting box

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.



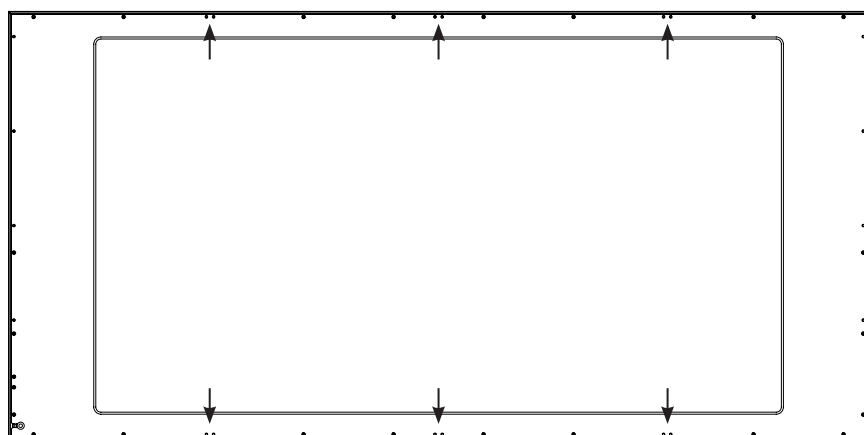
JC71262- 600 x 600mm
JC71295- 1200 x 600mm
JC71299- 1200 x 300mm

Recommended remote emergency packs:

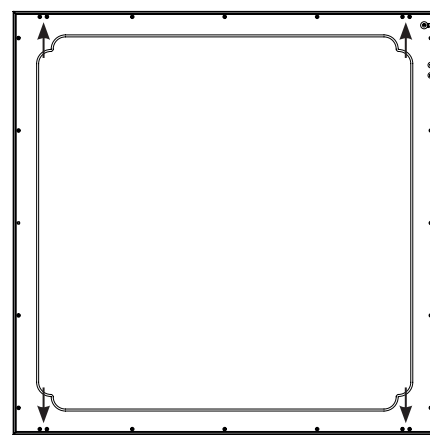
JCEM001- JCC Emergency Remote Pack

JCEM001ST -JCC Emergency remote pack self-test

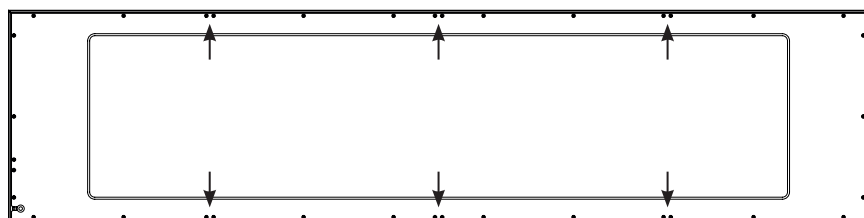
Suspension bracket fixing points



1200 x 600mm



600 x 600mm



1200 x 300mm



RoHS
Compliant



IP44 **jcc.co.uk**

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. (inc 2 year on site)
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.

BS EN ISO9001 - 2015 - Registered Firm Certificate No. GB 1552
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