Skytile® Range

Installation Instructions for Skytile® recessed LED panels

JCC | a **LEVITON** company

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
- It is recommended that the ambient room temperature should not exceed 25°C

- These products are designed for connection to a mains supply of 220-240V~ 50/60Hz
- The light source of this luminaire is not replaceable: when the light source reaches the end its life the whole of the luminaire must be replaced
- This luminaire is suitable for indoor use only
- 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

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

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.

Wiring connection
220-240V 50/60Hz / Class II ▢
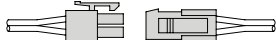
Fig. 1. Mains Input Cable
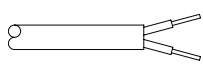
Neutral: Blue

Live: Brown

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

Fig.1.a. Luminaire connection

Plug & Play Connectors

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

30W = 700mA
48W = 1050mA

Dimming control input

Figure 2.

1-10V control wires
1-10V+
1-10V-

DSI control wires
DSI +
DSI -

DALI control wires
DA +
DA -

Profile & Dimensions

1200 x 600

595

10.6

1195

600 x 600

13.35

595

1200 x 300

295

10.6

1195
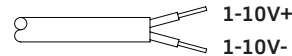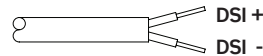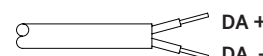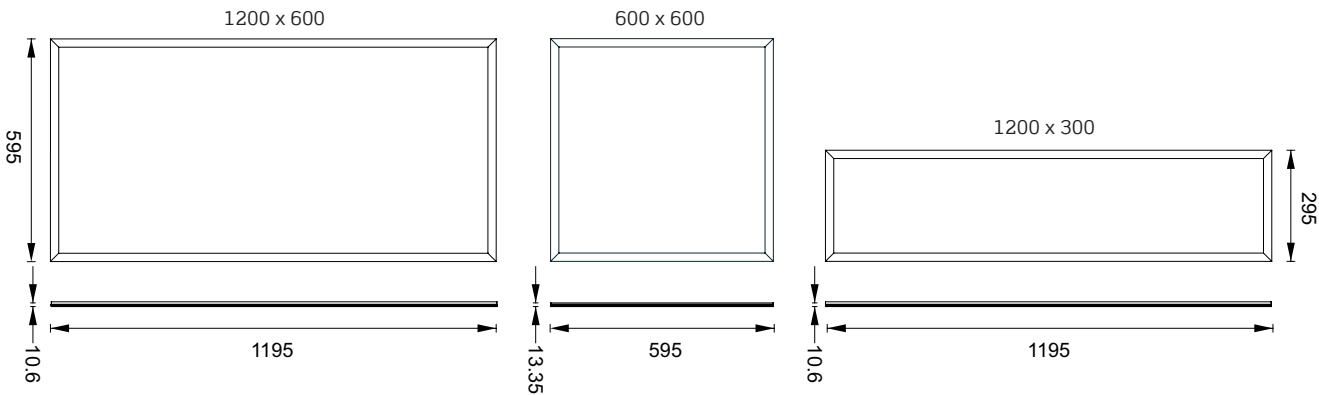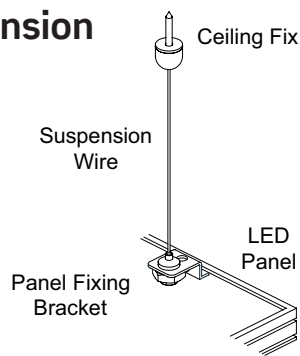
All dimensions in millimetres

Mounting options

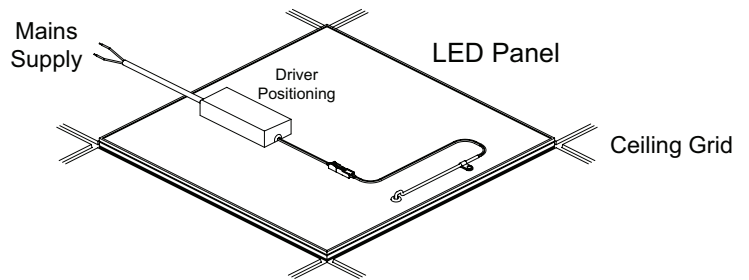## Wire suspension

Suspension Mounting

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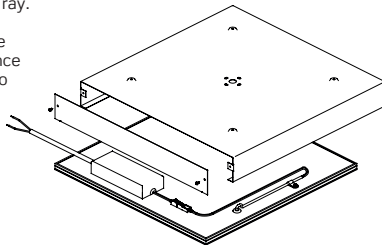
Ceiling Fix

Suspension Wire

LED Panel

Panel Fixing Bracket

Grid ceiling

Mains Supply

LED Panel

Driver Positioning

Ceiling Grid

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.
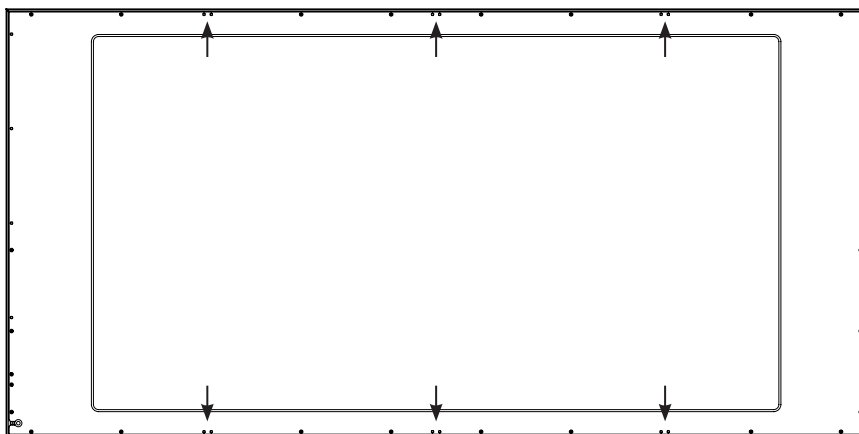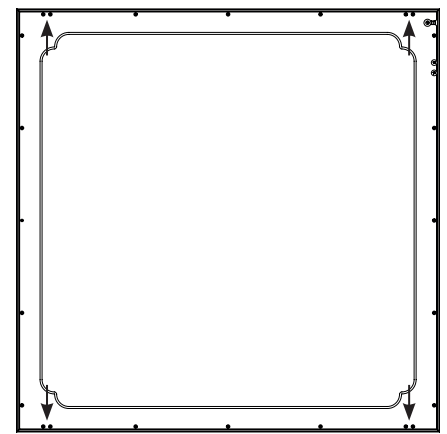
Recommended remote emergency packs:

JCEM001- JCC Emergency Remote Pack

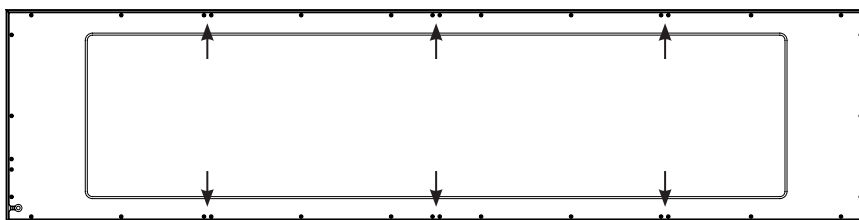**JCEM001ST** -JCC Emergency remote pack self-test

Suspension bracket fixing points

1200 x 600mm

600 x 600mm

1200 x 300mm

Important warranty information

Our Skytile® range is covered by our 5 Year Warranty. That includes 2 Year On-Site support, and our 3 Year Commercial Warranty. During the 2 Year On-Site support, we will replace or repair any of your Skytile® fittings completely free of charge. All warranties must be registered online at jcc.co.uk/warranty.

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

CE RoHS Compliant IP44

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