

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
- 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.

Standard non-dimmable/dimmable luminaire installation

- Remove the ceiling tile or tiles from the location where you wish to install the LED panel.
- 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.
- 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.
- Position the LED panel into place in the grid ceiling.
- Reconnect mains power supply and test for operation.

28W	600 x 600		
Luminous Flux	2700*, 3000**		
Efficacy(lpcW)	96*, 107**		
Colour Temp (K)	3000*, 4000**, 4700**		
32W	600 x 600		
Luminous Flux	2800		
Efficacy(lpcW)	88		
Colour Temp (K)	4200		

36W**/44W*	600 x 600**	1200 x 300**	1200 x 600*
Luminous Flux	3500*, 3800**	3600	4400
Efficacy(lpcW)	97*, 106**	100	100
Colour Temp (K)	3000*, 4000**, 4700**	4700	4700

Wiring connection **Specifications Ra: 80**

220-240V 50/60Hz / Class II □

Fig. 1. Mains Input Cable Fig.1.a. Luminaire connection

Neutral: Blue Plug & Play Connectors

Live: Brown

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

700mA/27-45V DC / Class III ⚡

730mA/30-50V DC / Class III ⚡

1050mA/28.5-48V DC / Class III ⚡

28W & 36W - 730mA / 32W - 700mA / 44W - 1050mA

Dimming control input

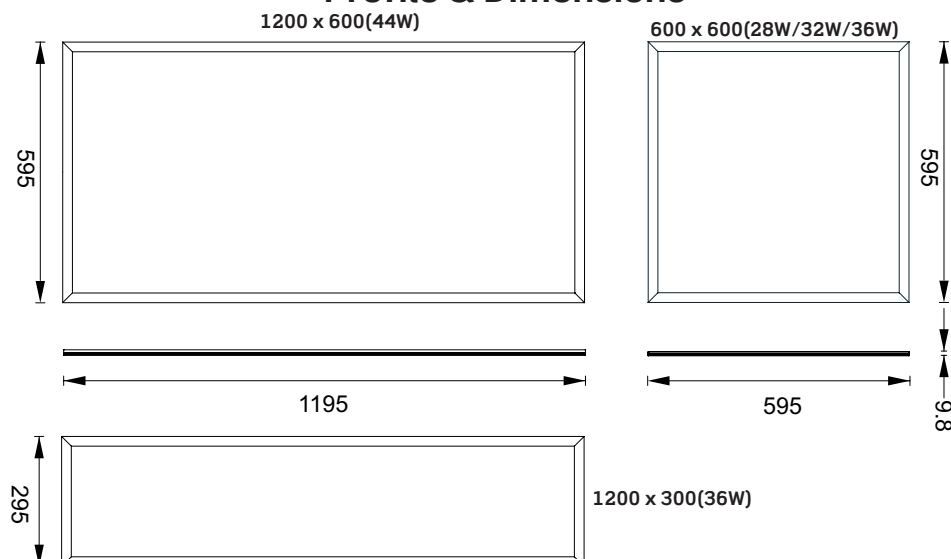
Figure 2.

DSI control wires DSI +
DSI -

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

DALI control wires DA +
DA -

Profile & Dimensions



All dimensions in millimetres

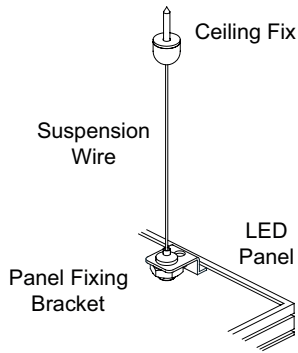
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Mounting options

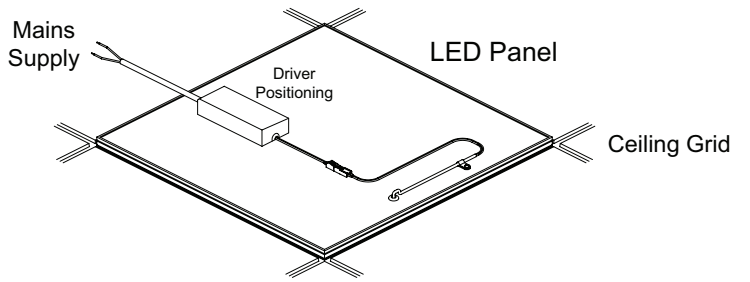
Wire suspension

Suspension Mounting

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



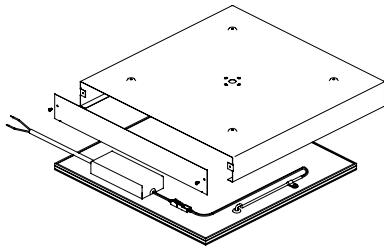
Grid ceiling



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.





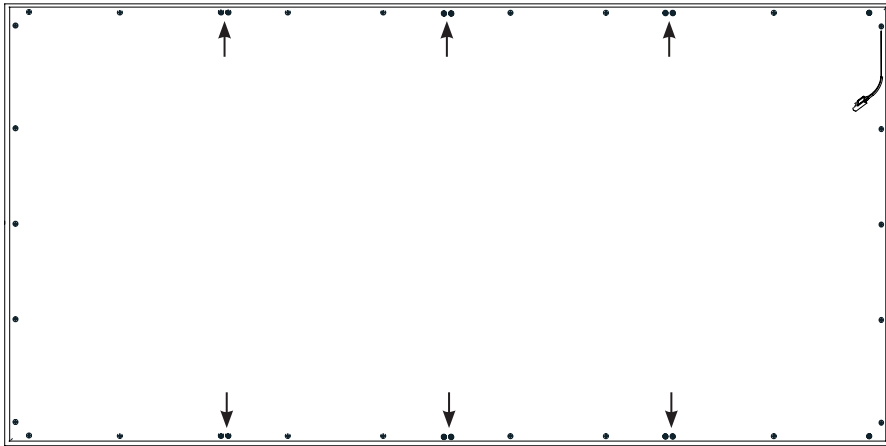

IP20/44


Skytile Base IP20 only

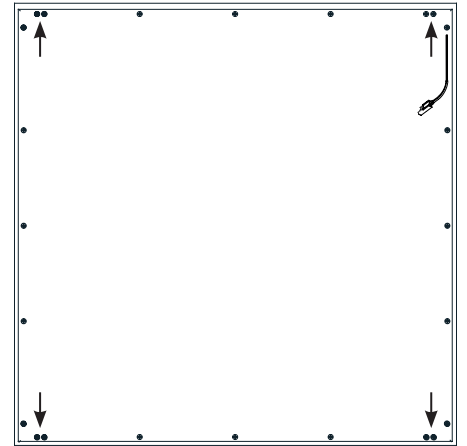
Important warranty information

Our Skytile® range is covered by our 7 Year Warranty. That includes 2 Year On-Site support, and our industry-leading 5 Year Commercial Warranty. During the 2 Year On-Site support, we'll replace or repair any of your Skytile® fittings completely free of charge. Skytile® Base is supported with a 3 Year Warranty. 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 Code.

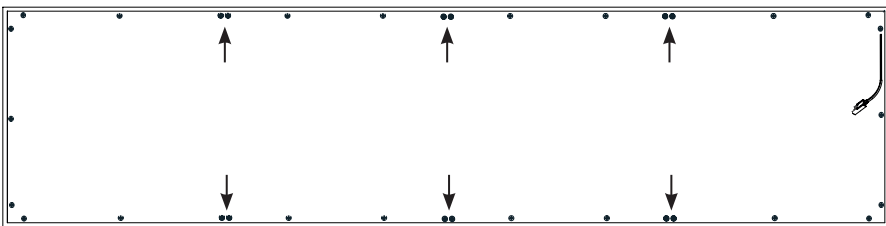
Suspension bracket fixing points



1200 x600



600 x600



1200 x300