

## TULSA LED PANEL INSTRUCTIONS

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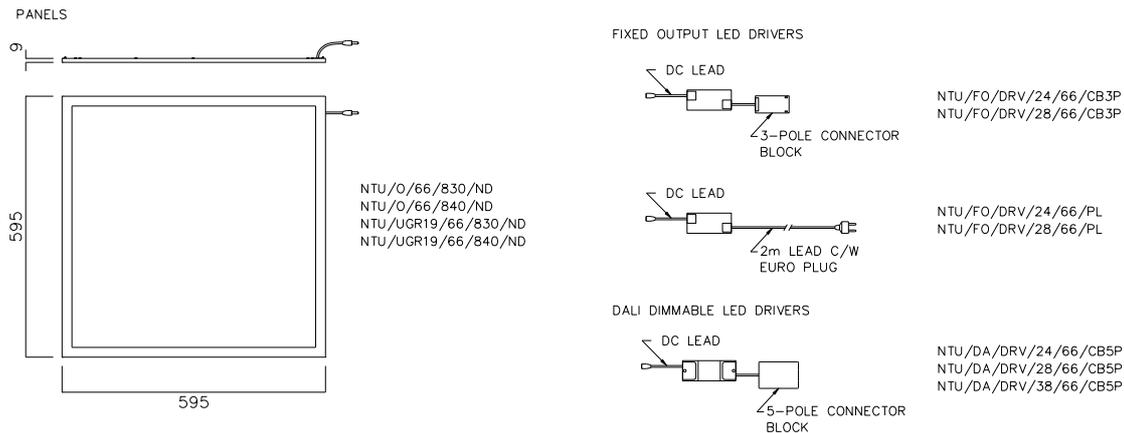
**THANK YOU** for buying this product. To help ensure it gives complete satisfaction please install it according to these instructions and then pass the instructions to the appropriate person for retention and future reference.

**SAFETY** This is a mains powered product. It is designed to be installed by suitably qualified personnel only and in accordance with the applicable building and electrical regulations. Before installation or maintenance, the electrical supply to the product must be isolated.



**INSTALLATION SUPPORT** If installation advice or accessories are required please also contact us at the above address. We will do our best to help. When reporting a suspected fault or seeking installation support the problem is likely to be resolved most quickly if you have full product details to-hand, as well as details of when and where it was purchased.

### DIMENSIONS & CODES



### INSTALLATION

1. Connect your chosen driver option to your mains rated supply (and signal cables if dimmable). See diagram above for driver options & codes:

#### Fixed output c/w 3-Pole Connector Block

**NTU/FO/DRV/24/66/CB3P**  
**NTU/FO/DRV/28/66/CB3P**

- i. Unclip the cover of the connector block & hinge open.
- ii. Route the supply cable to the piano key terminals & terminate, ensuring correct polarity is observed.  
 NB. This is a Class II product so no earth is required, however there is a terminal to park an earth wire
- iii. Hinge the cover closed & ratchet to clamp the cable.

#### Fixed output c/w 2m Plug + Lead

**NTU/FO/DRV/24/66/PL**  
**NTU/FO/DRV/28/66/PL**

- i. The driver comes complete with a 2m 2-core 0.75mm<sup>2</sup> cable c/w 2-pin Euro Plug. This plug can be inserted to your chosen supply socket.

#### DALI dimmable c/w 5-Pole Connector Block

**NTU/DA/DRV/24/66/CB5P**  
**NTU/DA/DRV/28/66/CB5P**  
**NTU/DA/DRV/38/66/CB5P**

- i. Unclip the cover of the connector block
- ii. Route the supply cable & signal cables to the piano key terminals & terminate, ensuring correct polarity is observed.  
 NB. This is a Class II product so no earth is required, however there is a terminal to park an earth wire
- iii. Fit the cable clamp to restrain the cable.
- iv. Refit the cover of the connector block.

2. Locate the driver unit into the ceiling grid by passing it through the aperture & laying it in position, ensuring stable location onto the ceiling grid. The driver unit should be placed in a suitably ventilated area to ensure prolonged life. If it is placed on the rear of the panel it should be sited away from the edge of the panel.
3. Offer the panel up & connect the DC lead from the driver to the DC lead on the panel, by way of the push fit, twist & lock connectors.
4. Angle the panel & lift up through the aperture, then lay down on to the T-bar grid system.  
 Note! It is recommended that the back of the panel & the driver are not covered by insulation material to help prolong the life of the product.
5. Reconnect power supply & check for correct operation.  
 Note! Luminaires fitted with electronic drivers are exempt from insulation resistance tests as this will cause damage to the electronic components.