Thank you for buying a Stellar Lighting starlight ceiling panel. Your panel has been handcrafted just for you and we hope you'll love it! It is important to read the fitting instructions carefully and follow them closely so that your panel can give you many years of enjoyment.

Important information

Your Stellar Lighting panel is supplied with a remote controller, which can turn on and off your lights as well as controlling the panel's settings. Leaving Stellar Lighting panels on at the wall switch keeps the 12 volt DC power supply on even if the lights have been switched off with the remote controller. We recommend turning the wall switch off when the Stellar Lighting panel is not in use, to extend the life of the power supply and to save energy. As the panel will be used for both main lighting and mood lighting, we recommend separate lighting circuits and wall switches for the two functions. The panel will be wired and constructed accordingly.

Installation guide

WARNING: Mains electricity is hazardous and incorrect installation can give rise to risk of electric shock or fire. Please ensure that all electrical wiring works are carried out by a <u>trained</u> and <u>competent</u> individual. If any doubt exists, we recommend that the electrical connection work is checked by an approved electrician with a current competent person certificate as per Part P of the UK Building Regulations. It is essential that all electrical work is fully compliant with BS7671:1992, 17th Edition.

We construct panels in two ways, depending on the design: with or without an installation frame. The installation instructions differ for the different kinds of installation, indicated below. Please ensure you know which type of panel you have before you start.

1. Establish the position of the lighting panel on the ceiling.
2. Ensure that the room has the correct number of independent lighting circuits and associated wall switches for your panel.

3. We recommend that the lighting circuits from the consumer unit or distribution board are comprised of twin and earth PVC insulated cable with a minimum conductor size of 1.5mm^2.

4. An appropriate protective device e.g. fuse or miniature circuit breaker should be installed at the consumer unit. We recommend a 10A type C MCB for this purpose. If the supply circuit to the ceiling panel is not dedicated, your electrician can advise on protection arrangements.

5. Before undertaking any electrical connection work, ensure the circuit is isolated at the consumer unit by turning off the MCB and, if practicable, locking it in the OFF position.

6. This instruction is different for panels with or without an installation frame. Please follow the correct version for your panel.

    a. **Panels with installation frames**

        i. Upon arrival, the panel frame will be screwed to the panel. The shape of the frame will depend on the shape of the panel. Figure 1 below shows an "H" shape frame, but it can also be rectangular.

        ii. Separate the panel frame from the panel. Find the pre-drilled screw holes on the panel frame and mark their position on the ceiling. Make sure that the frame is in the correct position when marking the holes on the ceiling and there is no wiring or pipes where the markings are made.

        iii. Drill holes in the ceiling at the marked position, making sure that they are the right size for the screw plugs provided in the installation kit. Using the screws and screw plugs provided, secure the frame to the ceiling (see figure 1).
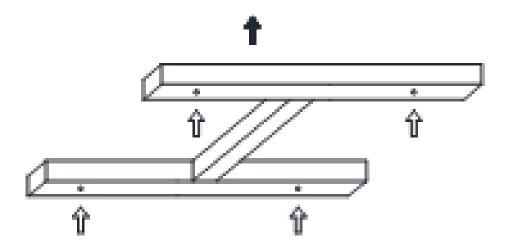

Figure 1 - attaching panel frame to the ceiling

b.   Panels without an installation frame

    i. Find the screw holes on the panel and mark the position of the holes on the ceiling. Make sure that the panel is in the correct position when marking the holes on the ceiling and there is no wiring or pipes where the markings are made.

    ii. Drill holes in the ceiling at the marked position, making sure that they are the right size for the screw plugs provided in the installation kit. Using the screws and screw plugs provided, secure the panel to the ceiling (see figure 2).

7. Prove that the incoming supply cable(s) are dead using an electrical tester or multimeter.

8. Using the clip connectors provided, connect your lighting circuit(s) to the lighting panel's supply cables for testing purposes.

9. Check all electrical connections are sound and no bare conductors are present.

10.   Switch on the circuit at the consumer unit by unlocking the MCB and operating to the ON position. Operate the light switch(es) as necessary to prove the operation of the ceiling panel.

11.   When you are satisfied that the connection(s) are correct and the panel behaves as expected, turn the supply OFF again at the consumer unit.

12.   **Panels with installation frames only:** using the screws provided, secure the lighting panel to the frame. Ensure that the screw holes on the panel are aligned with those on the frame (figure 2).
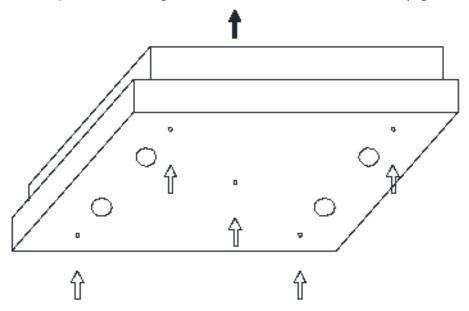

Figure 2 - attaching the panel to the frame

13.   Cover the screws with the screw covers provided in the installation

kit.
14.   Once the installation is complete, turn on the supply and check again the operation from the wall switch.
15.   Enjoy ☺

Notes:

Please do take care while working at a height by carrying the tasks out in a safe manner. At least two people are required for the installation; however this is always subject to the dimensions of the panel.

Electrical work should only be performed by trained and competent persons with sufficient skills and knowledge to avoid danger. If in any doubt, we recommend engaging the services of an approved electrician.

We do not take responsibility for any damage caused by improper installation. The lighting panel is fragile and requires special attention and care during transport and installation.

The lighting panels should only be installed on dry and smooth surfaces. Wet surfaces (including fresh paint) contain moisture that could short circuit the panel.