

Installation and Operation Manual of LED Driver

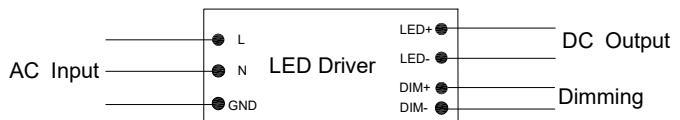
First and foremost, thank you for your trust in our products and choosing MOSO Power. In order to protect your rights, please read the following contents carefully before using our products:

Installation Instructions

1. During installation, please do not expose the power supply directly on the surface of the lighting fixture and a rain cover or a special LED driver cavity is required. The LED driver cavity of the lighting fixture should be with drainage holes to reduce the impact of hostile environment, such as rain and snow.
2. Before installation, please confirm that the working environment requirements properly comply with the product specifications. It is strictly prohibited to install the LED driver on flammable materials (except for products with explosion-proof safety certification), or in the environment of corrosive gas and corrosive liquid (such as halogen, sulfur, etc.).

Installation method

1. Fix the power driver firmly to the lighting fixture with screws, and ensure that the lighting fixture housing and the power supply housing are in good contact.
2. Connect the wires according to the identification on the facia. It is strictly forbidden to connect the input and output wires in reverse.
3. Confirm that all wires are connected correctly before power-on test , and ensure that the input voltage and frequency are within the scope value on the facia.
4. The ground wire of LED driver must be connected to the ground wire of power grid to ensure closed circuit, and avoid the light fixture housing, light pole, etc. to serve as a grounding medium.
5. Auxiliary output wire, dimming wire and AC wire are not allowed to place in parallel in the same slot to avoid interference.
6. It is not recommended to connect the output ports of two or more LED drivers in parallel.



Precautions for use

1. The input voltage of the LED driver shall be within the normal working range of the specification. Exceeding the limits of specification may cause damage to the LED driver or will lead the LED driver to protection state.
2. It is strictly forbidden to install the power driver in a high-temperature closed environment, otherwise it may lead the LED driver to start over temperature protection or even damage the LED driver.
3. For thunder areas, or places with fluctuated surges, it is necessary to install a SPD on the power input port.
4. It is strictly forbidden to hang the ground wire of Class I LED driver in the air, and the ground wire of LED driver must be well grounded. At the same time, ensure that the housing of LED driver is in good contact with the housing of lighting fixture.
5. Connection of the input and output wires, dimming wire, and auxiliary output wires shall not be reverse, crossed, or short-circuited. It is forbidden to connect the dimming wire with high voltage.
6. When install the LED driver with reverse dimming function applied in tunnel lighting, the first step is to carry out short circuited connection of the dimming bus, and then install the LED driver. The last step is to release the dimming bus and connect it with dimmer.
7. Sequence for installing LED driver is to connect the output wire and dimming wire firstly, and then connect the input wire. Dimming wire is not allowed to be grounded or connected with high voltage.
8. If the dimming wires and auxiliary output wires are not used, separate insulation and waterproof measures must be taken.
9. LED driver with ground wires should be well grounded.
10. The application scenario of loop dimming needs to be customized.

Warranty Instructions

1. The product warranty starts from the date of delivery and it should be used in compliance with the specification requirements. If failures occur during the warranty period and it is confirmed as quality issue by the company, the company will provide repairing service for free and after-sales service a per the quality agreement.
2. Under any of the following circumstances, the product is not within the scope of warranty:
 - (1) Damages caused by non-compliance with "Installation and operation manual of LED Driver".
 - (2) Non-compliance with the specification, such as higher input voltage, higher lightning surge, and damage caused by water in the lighting fixture.
 - (3) Disassembly of LED driver by end-user.
 - (4) Damaged by user's operation error or improper installation.
 - (5) Barcode of the product is erased or altered.
 - (6) Severe damage of appearance or deformation of the LED driver.
 - (7) Beyond the LED driver warranty period.

Shenzhen MOSO Electronic Technology Co., Ltd reserves the right to interpret the terms in this manual.