

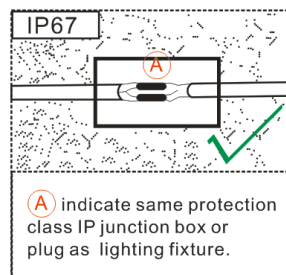
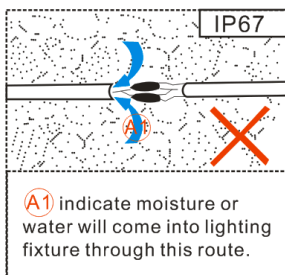
# User Manual

## Onground Lighting /Deck Lighting / Wall Lighting /Step Lighting

Please read user manual before commencing installation and keep it for future reference.

### ■WARNING.

- 1.The safety of this lighting fixture is guaranteed only if you comply with these instructions.
2. Don't connect these lighting fixtures to the mains supply directly, and please use the specific proper driver with specific input voltage.
3. The driver must be electronic switching power supply with constant voltage output,must not be magnetic transformer.
4. Please disconnect the power before repair, installation or replacement.
5. Please use these fixtures in the proper application places as to avoid the lights be broken.
6. Do not locate fixtures in low areas where water will collect.
- 7.If any questions on this instruction, please consult a professional qualified technicians.



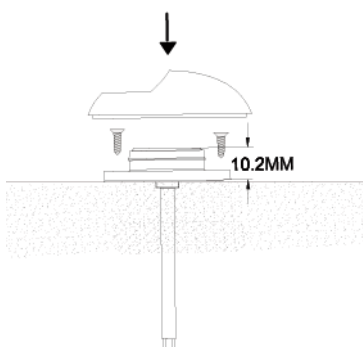
### ■Instructions of installation.

- 1.Ensure mains supply is switched off during the whole installation period.
- 2.Please check below drawing,and select the “ Installation Type A “ or “Installation Type B” according the covers type you buy.
- 3.Feed the cables through the pre-drilled hole and mount the the base lamp body unit with two screws onto the ground surface.
- 4.Push the cover on the lamp body directly until it snaps into position, in this way the silicone o-ring can lock the cover with lamp body tightly together.
- 5.Use the IP67 or IP68 waterproof connector to connect the cables of the fixture and the cables of specific driver in parallel circuit.

Ensure everything is installed very well, and then turn on the power for the illumination application.

#### Installation Type A (surface mounted) for covers

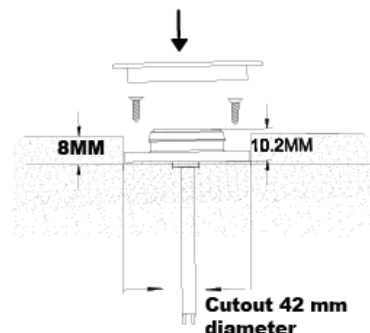
Surface mounted with screws,no need cutout.

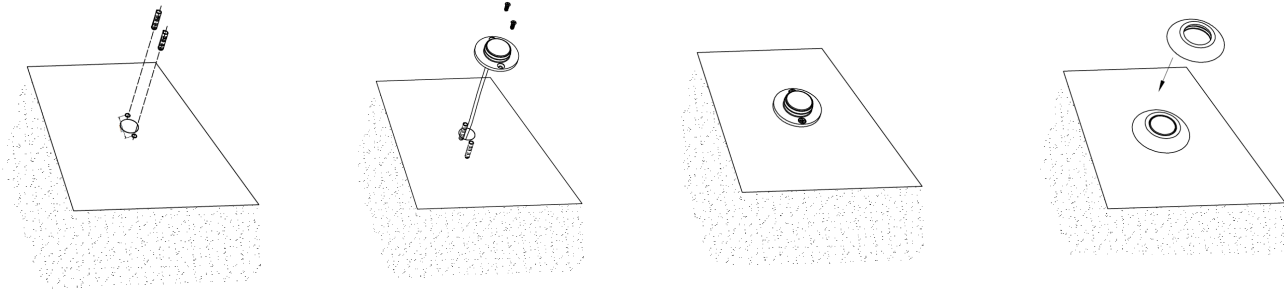


#### Installation Type B (cutout surface mounted) for covers

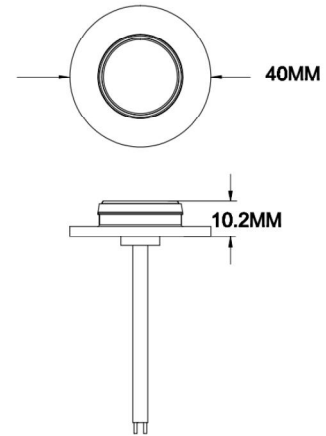
covers Star Flat and Star Flat Alu

Cut out 42 mm diameter and 8mm depth.





Dimension for lamp body:



### ■Specifications.

Item No.: Star

Input:DC12V or AC12V as options according order.

Power: 1.2W

Lamp type: 1 PC 1W OSRAM LED

IP rating: IP67



**Warning.**

**The non-professionals can not disassemble or repair the fixture. We keep the right to refuse the replacement or repairing of the fixtures that have been disassembled or repaired personally.**