

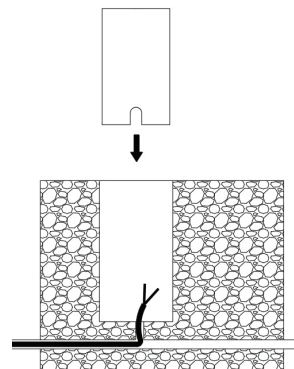
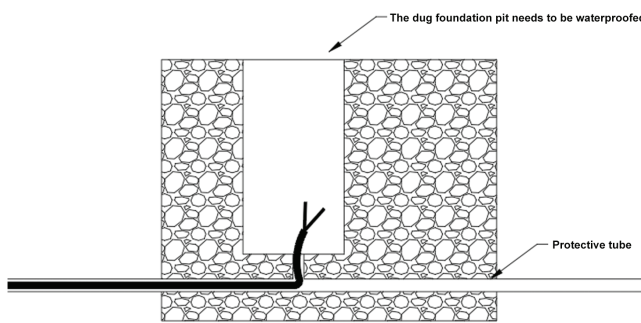
## UNDERWATER LIGHT-DC24V

### Installation Manual

Thanks for using our product, our product is produced based on national standards. In order to install the lamp correctly, please check carefully this installation manual. Installation or maintenance operations must be worked by professional electrician. Please don't connect the power before installation or maintenance. The wrong installation and maintenance, or don't follow this manual, it will cause electrocuted.

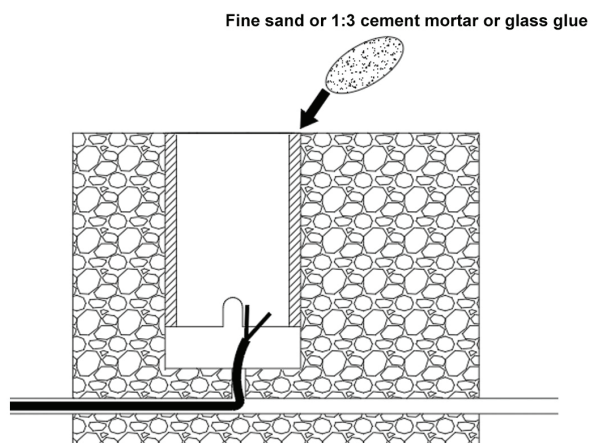
### 1. Product installation requirements

- 1.1 Prepare all accessory of light installation.
- 1.2 Please be sure light power off during the installation or maintenance.
- 1.3 The operating voltage must not exceed the rated voltage range.
- 1.4 The power cable specification must be CCC certificated and waterproof.
- 1.5 Please not use the light in the corrosion, inflammability and Explosive environment.
- 1.6 The installation method as below pictures 1-5 :

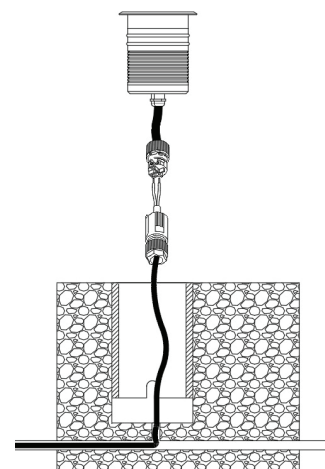


1. Pre-embed the cables before installation and dig the foundation pit according to the size of the embedded parts (reference line diagram)

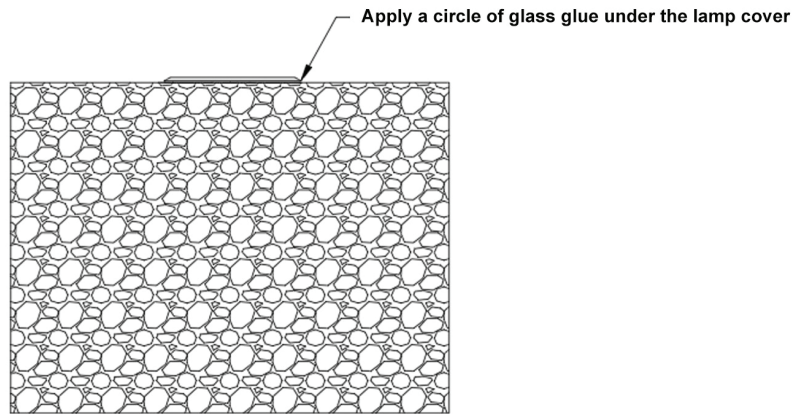
2. Place the embedded parts so that the top is flush with the ground



3. Use fine sand or 1:3 cement mortar or glass glue to fill the gap between the embedded parts and the foundation pit.



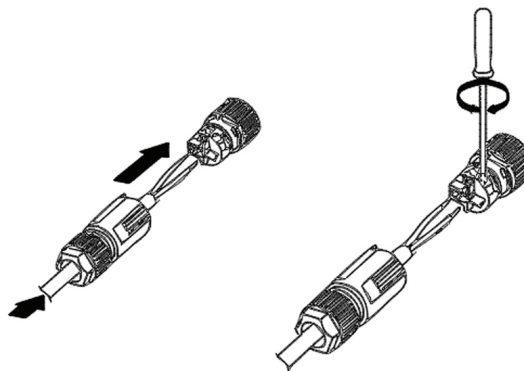
4. Connect the power cord of the lamp to the power supply, and then lock the waterproof connector



5. Before inserting the lamp, put a circle of glass glue under the cover to complete the installation of the lamp.

1.7 Correctly connect the input power cord of this product to the on-site constant voltage power supply according to the color corresponding (24V+: brown-brown, 24V-: blue-blue), so that the connection is reliable and solid; this product provides one wiring method:

(1) Waterproof connector connection: as shown in picture 6:

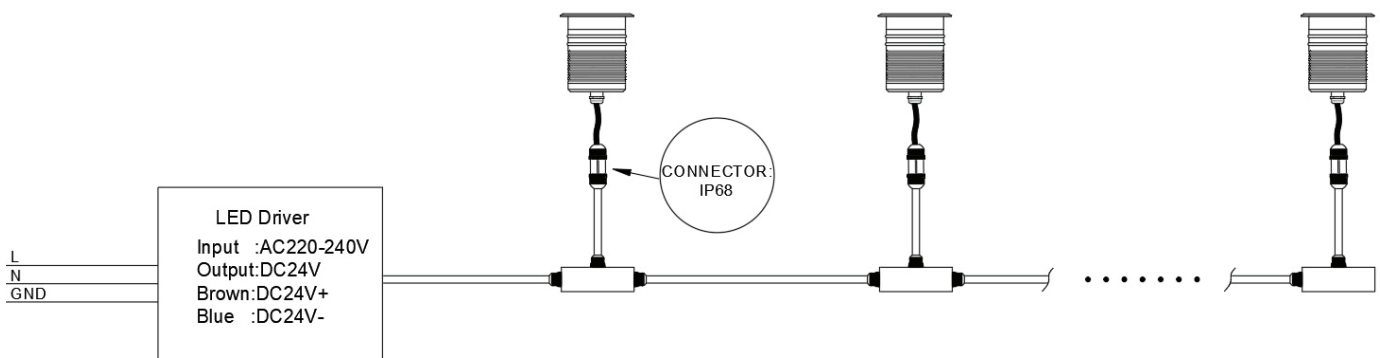


Connect the power cord to the power cord on the lamp,  
and then lock the waterproof connector

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1.8 Check that all line connections are normal and no errors can be turned on and the installation is complete.  
(low-voltage light cannot be directly connected to AC220V, and the front end needs to be connected to constant voltage power supply)

1.9 Lamp wiring diagram:



## 2. Note

In order to avoid the light breakage, fall, electric shock, fire and other accidents that endanger personal safety, please strictly follow the installation manual and user instructions, can't modify the light and change light inner electrical parts by yourself.

- 2.1 The power supply used should not exceed the rated range (input voltage AC220V-240V, frequency 50/60Hz). If it is used for a long time above the rated voltage range, the light can be damaged by overheating.
- 2.2 Before installing the light, the power must be cut off to prevent electric shock, and the product must be installed before it can be electrified.
- 2.3 Luminaire should not be installed in heat sources and corrosive gases so as not to affect their life.
- 2.4 Make sure that the installation position can withstand 10 times the weight of the product before installation. Installed in a place where there is no vibration, no sway, no fire hazard.
- 2.5 The external flexible cable or cord of the luminaire cannot be replaced; if the flexible cord is damaged, the luminaire should be scrapped.
- 2.6 The light source of the luminaire shall be replaced by the manufacturer or its agent or a person with similar qualifications.
- 2.7 It is stated that "this luminaire shall be designed and produced in accordance with the standard requirements of GB7000.201 《luminaires part 2-1: special requirements, fixed general luminaires 》 .