

# User Manual

## Bollard 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 lights 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 the lights 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.

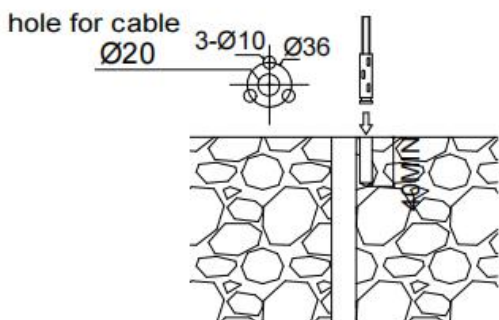
### ■Instructions of installation.

#### I, Regular concrete ground installation

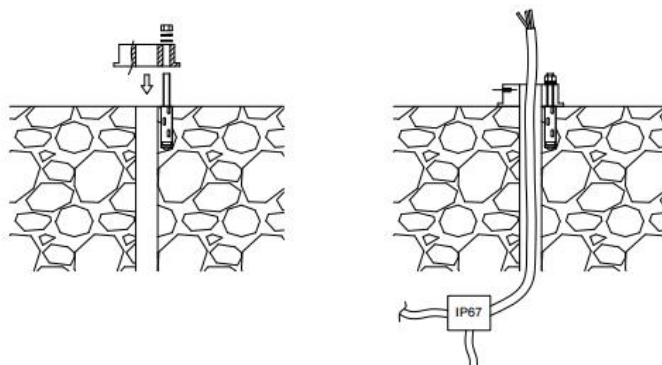
1. Ensure mains supply is switched off.
2. Unpack the packaging carefully.
3. Select a suitable location for your Bollard Lighting.
4. Make the conduit for main power cable in, and fix the provided screws as drawing “(a)” on the concrete ground.
- 5.Pull the main power cable out,fix the anchor unit to the screws as the two drawings “(b)”
6. Mounting the pole to the anchor unit with provided screws as drawing “(c)”,and Use the IP67 or IP68 waterproof connector to connect the cables of the fixture and the cables of specific driver in parallel circuit.

Note: The power of main supply must be switched off. before connecting the cables.

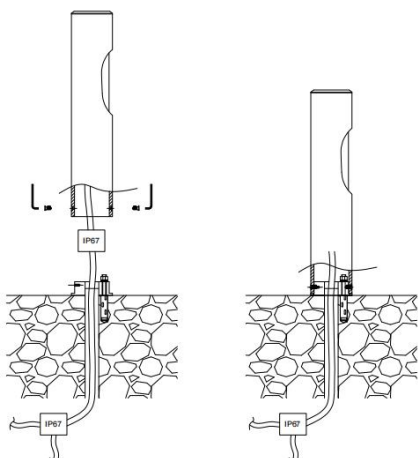
(a).



(b).

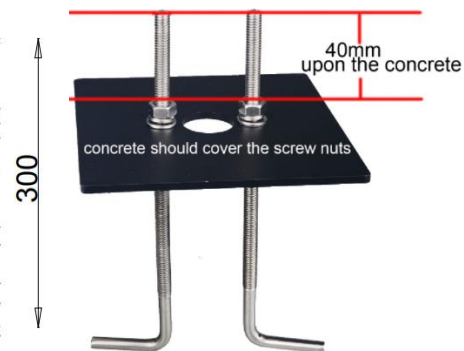
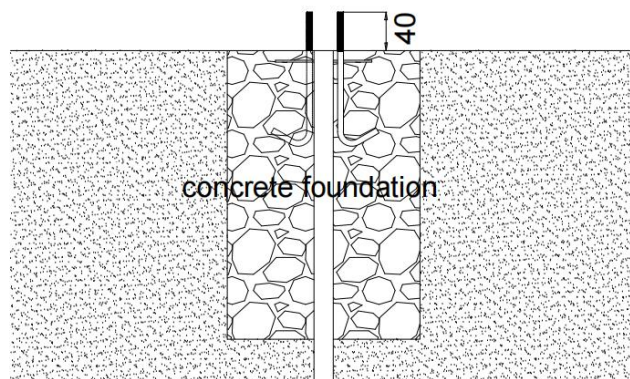
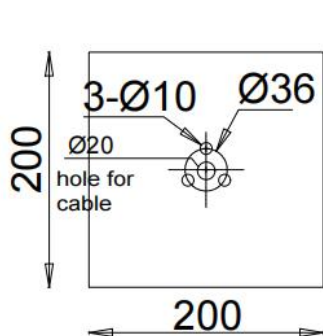


(c).



#### II,Grassland installation with concrete foundation

1. Use the conduit, concrete mounting part,concrete to make the two screws with suitable position and upon concrete height 40mm as below drawings and picture. The concrete should cover the screw nuts !
2. Go ahead the mounting as the same steps from “5” to “6” in “I” .



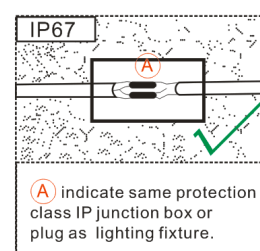
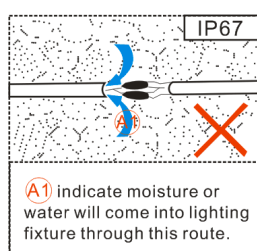
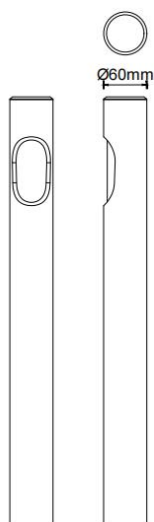
## ■Specifications.

Input: Pisces

Power: 12W

IP rating: IP65

Class: III



## ■Repair.

Neither the power pack nor the reed lighting can be repaired in the event of damage to the cables or the housing and have to be replaced. For your own safety, consult a qualified electrician or your specialist dealer if you have questions or encounter problems!

Protective measures: disconnect the power supply to all units

## ⚠ 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.