

# LED UNDERGROUND LIGHT

LS-ARCH-EXT-24V-R-58MM

## INSTRUCTION OF LED UNDERGROUND LIGHT

The product are widely used in the decorative lighting for piazza, restaurants, private villas, garden, conference room, exhibition hall, beautify the area environment, stage bar, shopping mall, parkingsculpture, the tourist attractions.

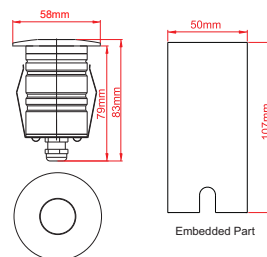
### A. Specification

#### A-1. Structure

Model	LS-ARCH-EXT-24V-R-58MM
Size	D60xH83mm
Material	Stainless Steel+ Aluminium
Weight	0.33Kgs
LED Quantity	1x3W
Color	R, G, B, W, WW
Input Volt	12V/24V DC
Power Consumption	3W(Max.)
LENs	15° 20° 40°
Controller	Null



### B. Dimension drawing



### C. Installation

#### C-1. Positioning

Position the fixture, cable pipe, on the ground, including driver or controller space if any.

#### C-2. Installation of cable pipe before construction

Use professional underground PVC pipe for extension and connector cables.

- \*Make sure the pipe be not broken in the middle.
- \*Make sure the diameter of pipe is big enough to let cables or connectors go through.
- \*Prevent the pipe being filled with clay or concrete.

#### C-3. Installation of Round-shaped and Square-shaped embedded frame

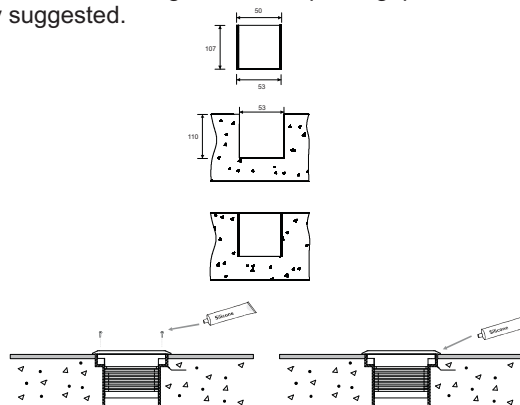
Measure, or check the size of embedded frame carefully.

Make sure frame be tightly and rigidly fixed underground.

- \*Ensure the embedded cable pipe in the central of frame.
- \*Use concrete to seal and hold the frame tightly; For some models, fasten with screw is necessary.
- \*Make sure the frame will not be filled by anything and be placed in the same level as ground.

#### C-4. Installation of light fixture

After marble or concrete floor cover the frame well, make the connection and fix the light body into frame by fastening stainless screw. Glueing the screw tip and gap between fixture cover and ground surface is strongly suggested.



# LED UNDERGROUND LIGHT

LS-ARCH-EXT-24V-R-58MM

## D. Connection

Warning: Do not plug whole system into power before completion of whole connection!!! Carefully inspections on every connection, waterproof, installation are required, and make sure there was safety switch protection in the main power control box.

Connection between fixtures:

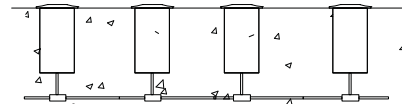
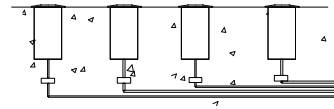
**1T1:** One cable one fixture

\*Max length of the cable MUST BE carefully calculated, upon power of fixture and cable specification.

**T-shaped:** T-shaped connection to each fixture

\*Make sure there was enough space for T-shaped connection underground.

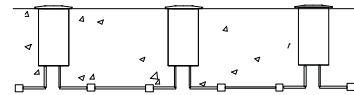
\*Max loading quantity and length of the cable MUST BE carefully calculated, upon power of fixture and cable specification.



**Connective:** Input and output from each fixture

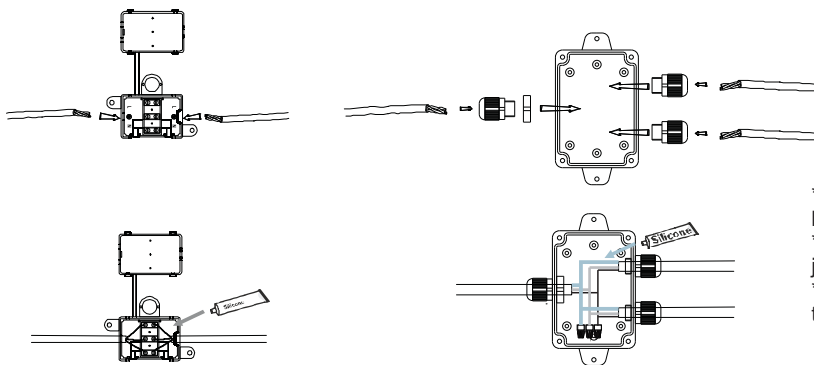
\*Make sure there was enough space for T-shaped connection underground.

\*Max loading quantity and length of the cable MUST BE carefully calculated, upon power of fixture and cable specification.



Connection between cables

**Make wire:** Use professional waterproof junction box to make the connection of embedded cable and fixture input cable. And glure the connection points well.



\*Strongly recommend to glue the junction box well, for serious application.

\*Make sure there was enough space for junction box.

\*Choose correct junction and connection terminals according to fixture characters.

**Connector:** Use professional waterproof connector as connection.



\* Strongly recommend to use Ip68 connectors.

\* Choose the correct pins according to fixture characters.

\* Fasten the screw of connectors well for guarantee on waterproof.

\* Make sure the connector can go through the cable pile, and there is enough space for connectors in embedder frame.

### Caution:

1. Do not plug them into power when the product is still in package;
2. Don't use anything to cover the fixture during application;
3. Don't use this product in close environment;
4. If this product appears to be damaged, do not attempt any repair, please contact your dealer.

### Warning:

- \* Neglect on action of the above treatment will lead to failure of waterproof and proper working of the lights!!!
- \* The stainless steel cover can't use soda acid liquid line Washing, otherwise the resulting surface rust problem The manufacturer is not responsible for.
- \* Make sure the ground connection well avoid electric shock, due to metal housing.