

# LED UNDERGROUND LIGHT

ITEM NO.: LUL-W70A Series

## INSTRUCTION OF LED UNDERGROUND LIGHT/LUL-W70A

The products are widely used for the ground lighting decoration on piazza, restaurants, private villas garden ,conference room ,exhibition hall,stage bar, shopping mall , tourist attractions and beautify the area environment

### A. Specification:

#### A-1. Structure

Materials of Shell: Aluminum + glass  
 Input Voltage: 24V DC  
 Protecting Rating: IP67  
 IK Class: IK08  
 Operating Temperature: -20°C~40°C



LUL-W70A -24P

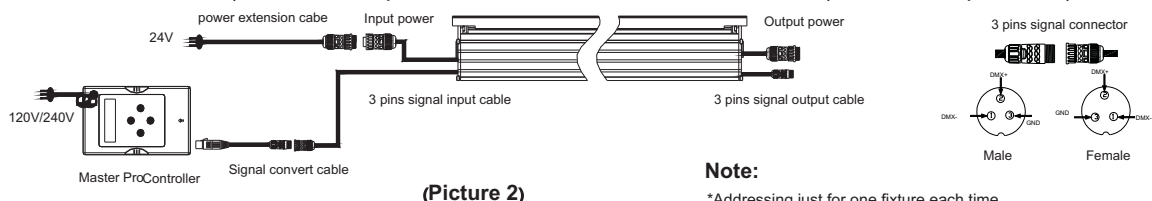
#### A-2. Model Configuration Table

Model No.	LED Color	LED Quantity	Working Voltage	Power Consumption	Size	Weight	✓
LUL-W70A-12P	R-4,G-4,B-4	12pcs power LED/1W	24V	15 WATTS	L535xW72xH99mm	2.3kg±5%	
LUL-W70A-24P	R-8,G-8,B-8	24pcs power LED/1W	24V	30 WATTS	L1015xW72xH99mm	4.7kg±5%	

### B. Working Mode:

#### B-1. DMX Mode

- 1 To keep each fixture can work properly, it need to be written into the DMX address by the controller of Master Pro-3CH, (Toknow more,please refer to the manual of Master Pro.(As shown in picture 2 )

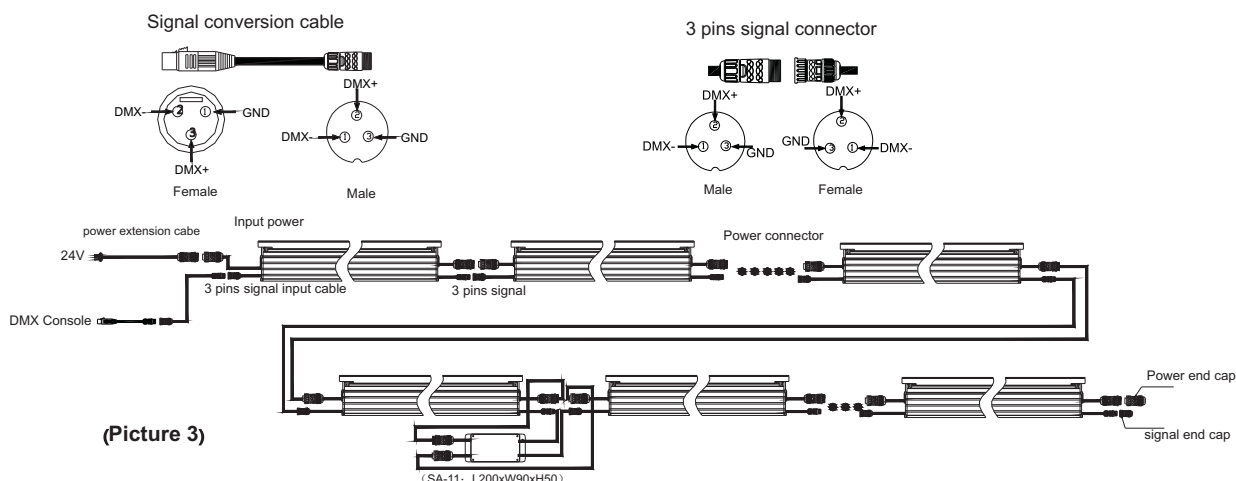


(Picture 2)

#### Note:

- \*Addressing just for one fixture each time.
- \*Signal convert cable, signal and power end cap are configured according to the actual project.

- 2 Using the DMX console, connect the signal convert cable to the fixtures.As picture 3



(Picture 3)

(SA-11: L200xW90xH50)

#### Note:

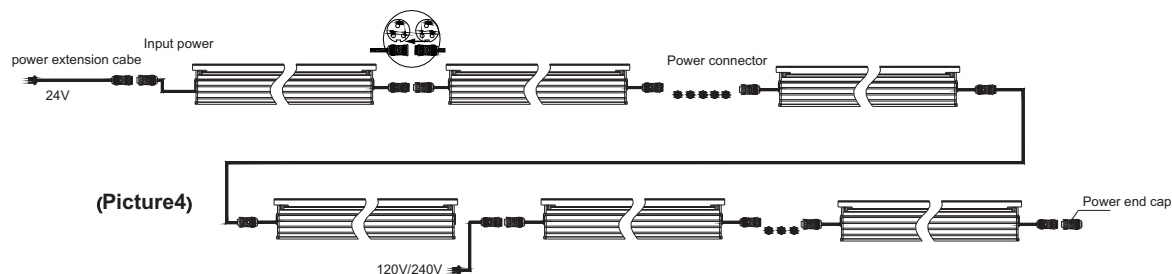
- \*Every 100m need 1pc signal amplifier, need to reserve the installation position for signal amplifier. (SA-11: L200\*W90\*H50)
- \*Signal convert cable, signal and power end cap are configured according to the actual project.

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## B-2. Steady Color mode

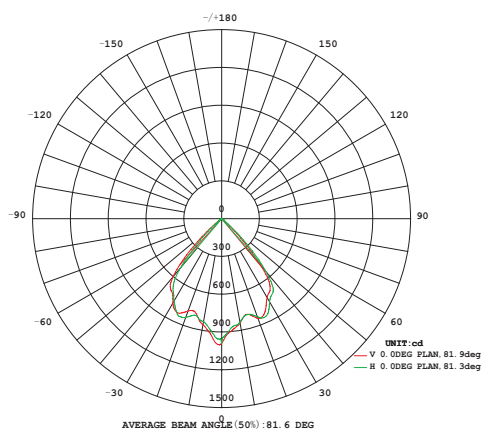
Using the 3 pins power extension cable to connect the fixture. Then connect the fixture's 3pins cables according to the maximum power connection



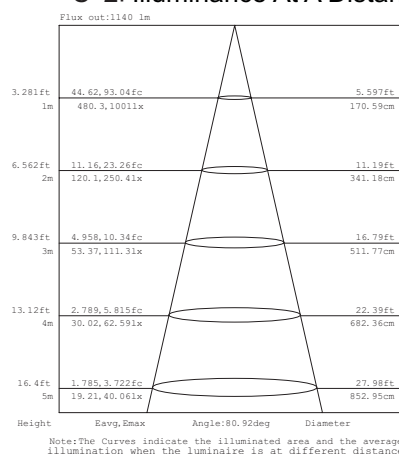
## C. Photometrics Parameters

LUL-W70A -24P-24V

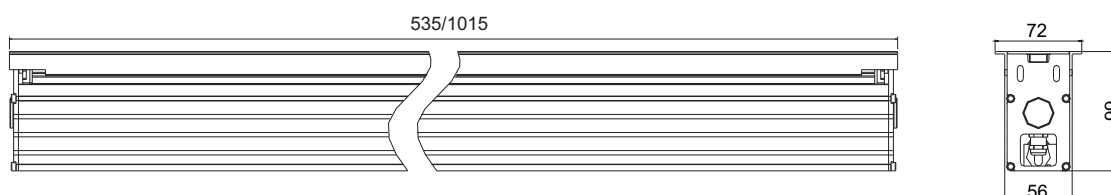
### C-1. Cadela Dstribution



### C-2. Illuminance At A Distance

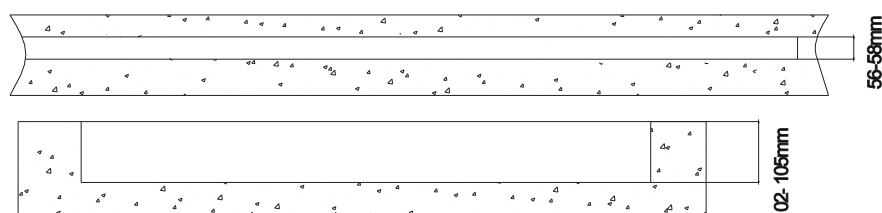


## D. Dimension drawing



## E. Installation & Connection

E-1. Excavate ground request :Dig a rectangular groove.(Length:According to the size of the lamp and the actual requirement. Width:56-58mm,depth: 102-105mm)As shown in picture 5



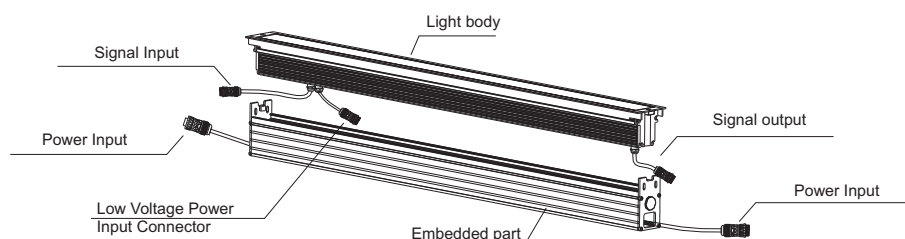
**Note:** \* If the groove is too wide, it causes a panel on both sides cannot cover the slot.

\* If the groove is too depth, it causes the lamp body and the embedded parts can not to be fixed.

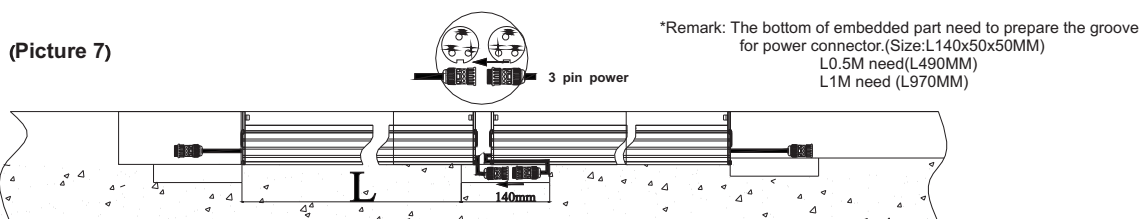
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E-2. Please separate the light body and the embedded part before installation.(Picture 6) Put the embedded part in the appropriate groove and connect the power cable. (Picture 7)

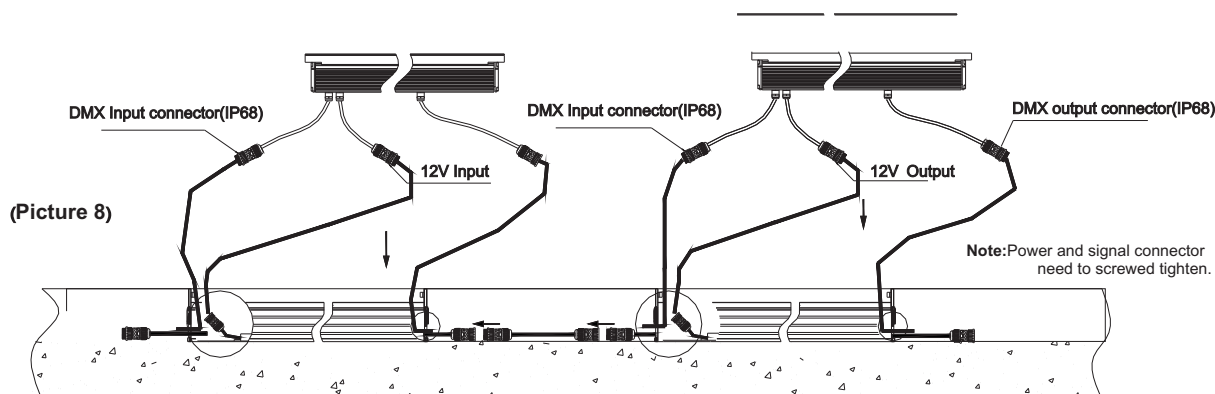


(Picture 6)

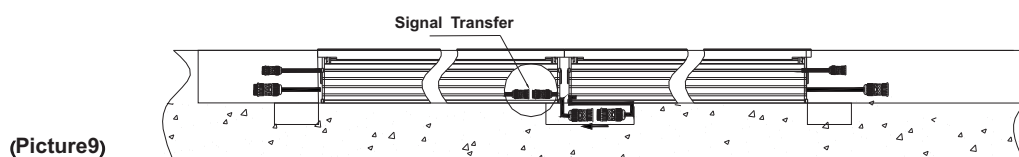


(Picture 7)

E-3. Connect the 12V power connector of lamp body and embedded part, then put the 5pins digital or 3pins DMX signal input/output cable through the square hole of the embedded part on both sides , connect the signal of the lamp with the nextlamp. As picture 8,9



(Picture 8)



(Picture9)

**Note:** \*Signal connector can be hidden in the embedded part.

\*Power connector can't be hidden in the embedded part; they need embedded in the bottom.of lamp body

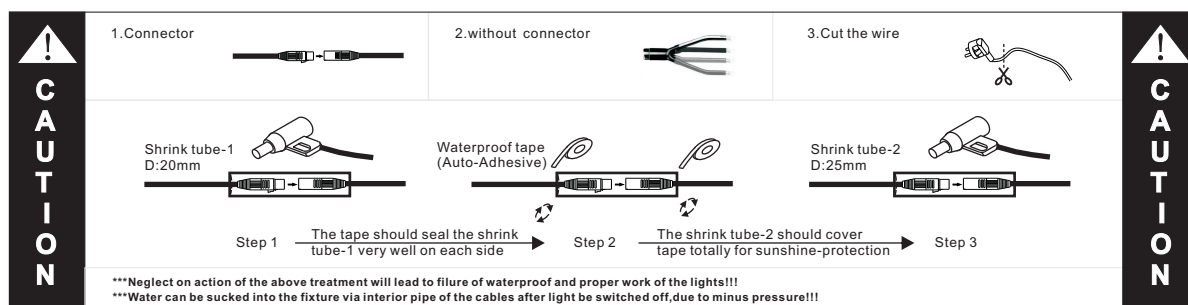
\*Single steady color just need connect the power connector.

## F. Waterproof Treatment

The signal output connector XLR-3 of the last fixture of each series must be sealed with a 20mm thermal shrinking tube(-1),blow and shrink it with a hair driers;thence wrapped with waterproof tape (auto-adhesive,please refer to below instruction for operation) on both side;Blow the second 25mm shrink tube(-2) at last so as to protect waterproof tape under sunshine and guarantee the waterproof validity.

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\*\*\* Power connector should be treated in the same way if available!!!

\*\*\* IP68 connector does not require above treatment, but you connect a threaded twist quite well to prevent operational errors lead to joint water

## 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!!!
- \* Make sure the ground connection well avoid electric shock, due to metal housing.

**Note:** The above instruction are subject to update or improved without notice.Pls turn to our staff for further details !  
Thanks for your long term support !