



# Car Workshop Light Installation Manuel

**Model: ZT3028**

**--Version:ZT3028 V5.1**

## WARNING

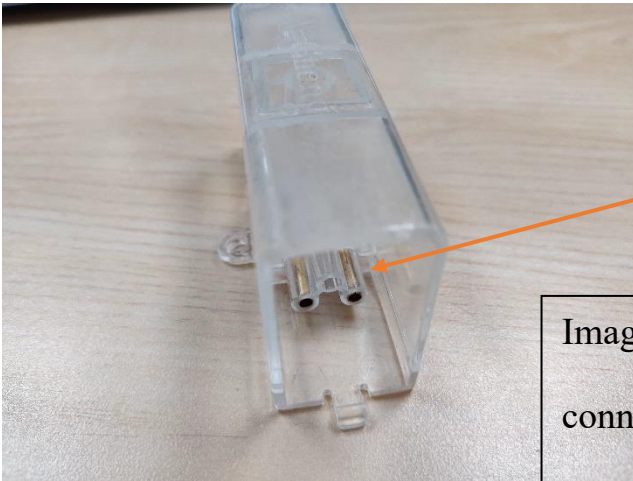
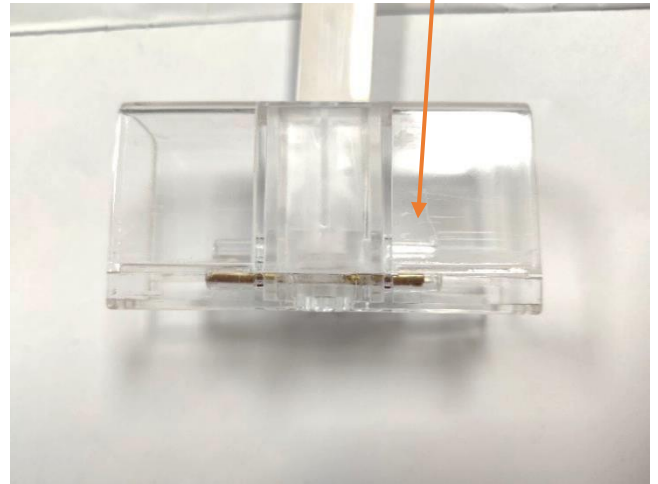
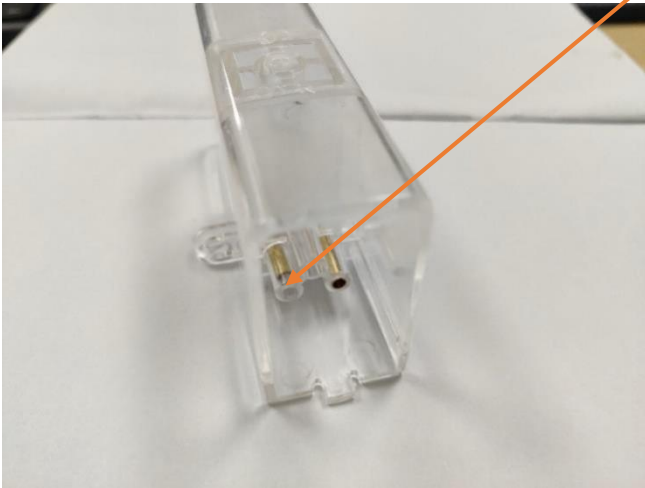


Image 1 shows how the copper connectors are supposed to look.

Image 2 and Image 3 show damaged copper connectors, which happens when the units are pushed together with excessive force.



If two units do not seem to fit together easily, double check that the connectors are accurately lined up or try using a different lamp. Do not force the connection. Test the entire light set with a multimeter before hooking up to an electrical source and before mounting to the ceiling.

**It is recommended to completely read this manual before assembling the product.**

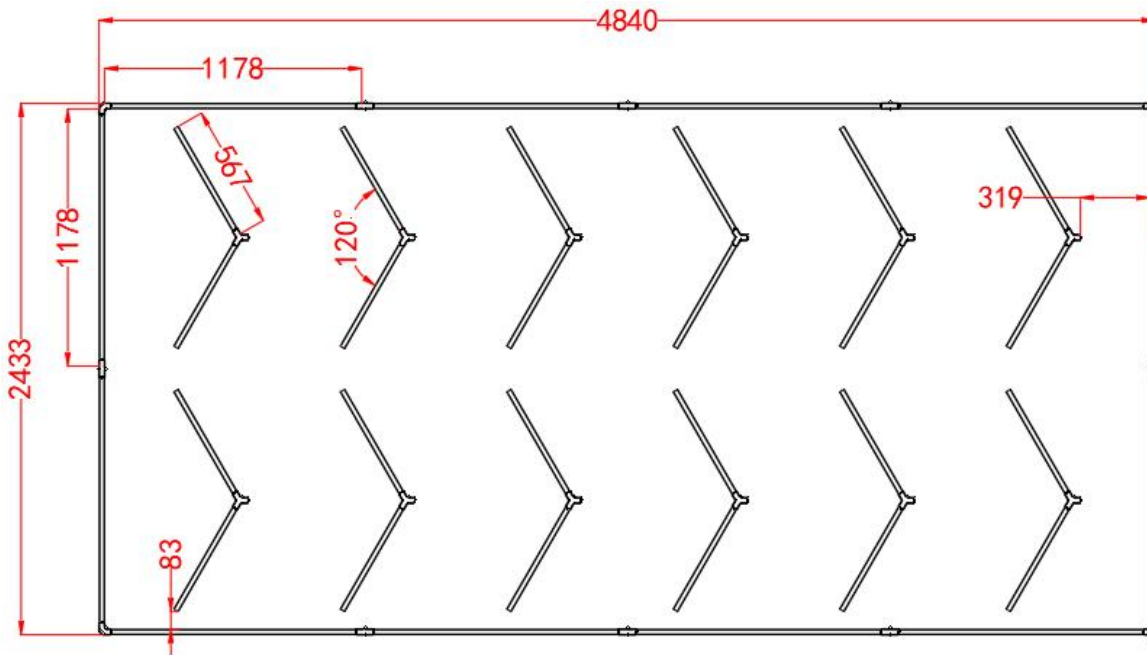
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## Design sketch

(Please carefully read the “Circuit Diagram” before assembling)



## Parts List

No.	Name	Specification	QTY	Unit	PIC
1	tubes	Size: 1175*20mm Power: 16w	12	pieces	
2	tubes	Size: 567*20mm Power: 8w	24	pieces	
3	connectors	90° 2-way white	3	pieces	
4	connectors	180° 2-way white	8	pieces	
5	connectors	120° Y connector white	12	pieces	
6	connectors	T-shaped 3-way white	1	pieces	
7	The cable	1-end	13	pieces	
8	installation instruction	-	1	pieces	

## Technical Data

Voltage	AC220V
Power	384W
Current	3.4A
Width	20mm
Luminous Flux	110-120lm/w
CRI.	>90
CCT.	6500K (White)

Material

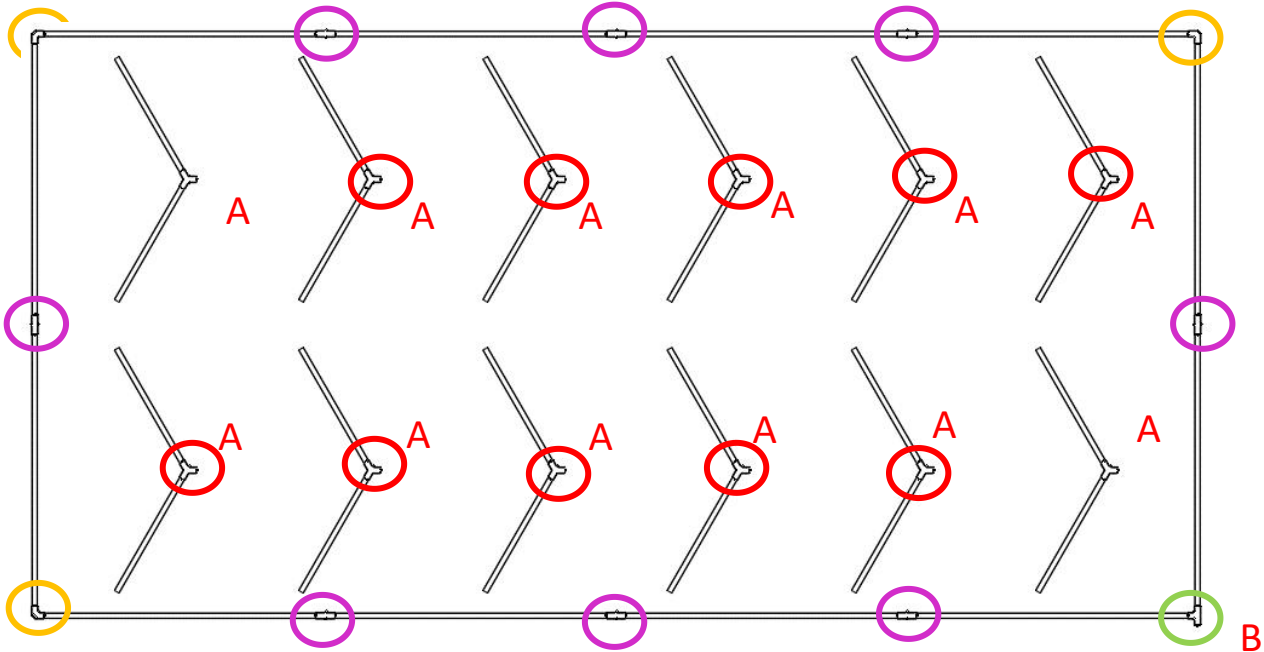
Aluminium+PVC cover


## Assembling instruction

1. Put all the lamps and connectors on the ground (as follow picture).

1.2m lamps for outline and inner structure, and the position of different connectors as

follow picture shows:



Pink  for 180° 2-way connectors



Yellow  for L-shaped 2-way connectors



Red  for Y-shaped 3-way connectors

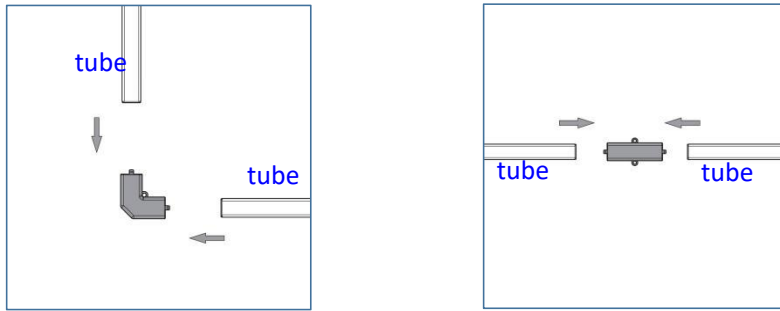


Green  for T-shaped 3-way connectors

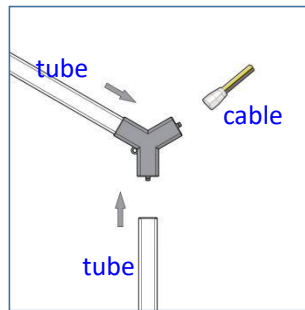


**2. Connect the tubes (Please be careful while connecting tubes with the connectors, or the copper needle in the connectors would be damaged)**

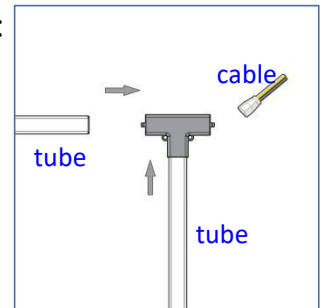
2-way connection:



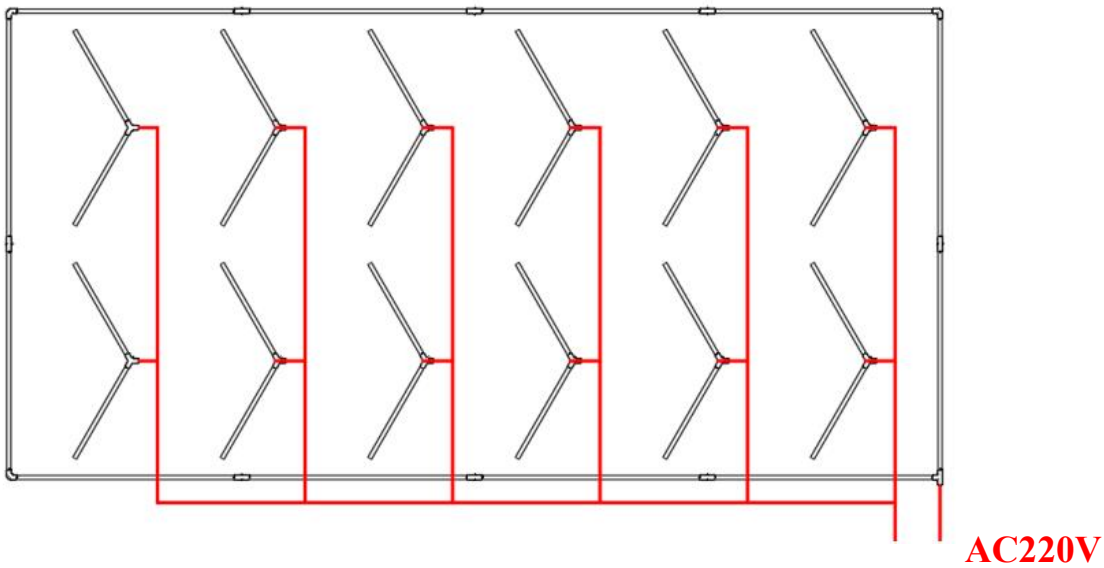
connection at point A:



connection at point B:



## Circuit Diagram



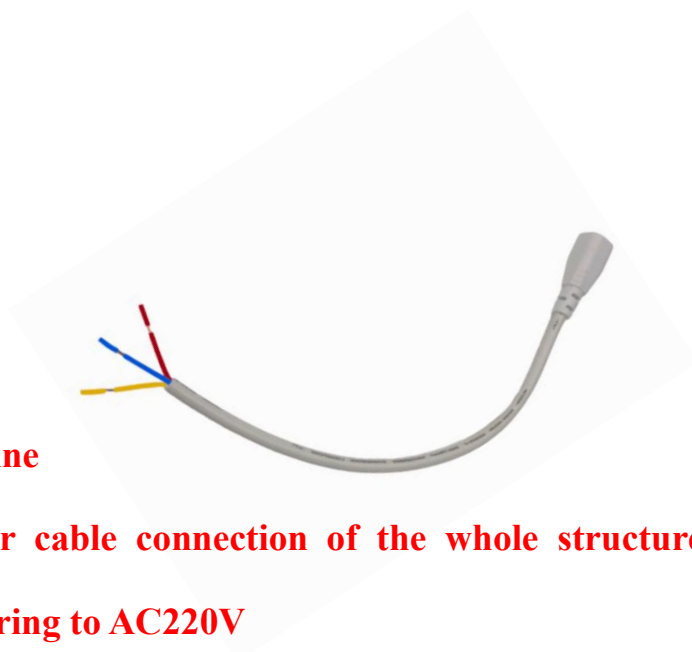
### Caution!

#### 1. About the cable:

Red wire—Live Line

Blue wire—Null line

Yellow wire—Earth Line



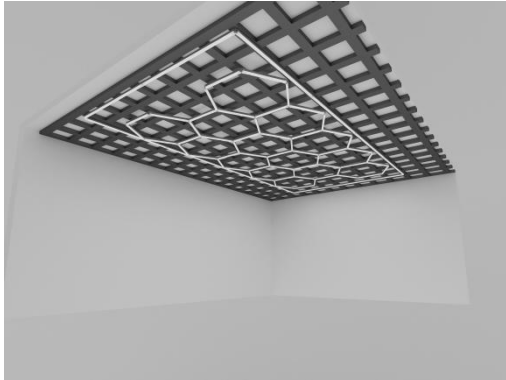
2. There are only 13 point for cable connection of the whole structure, parallel connecting the 13 cables and wiring to AC220V

3. Please installed by professional electrician.

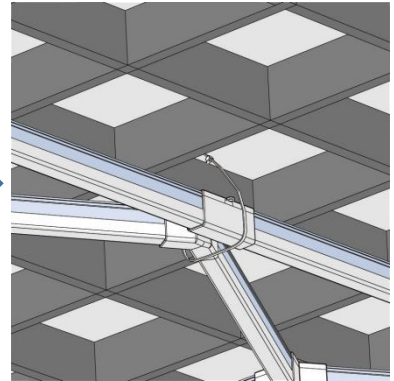
# Mounting Instruction

How to install it on the ceiling?

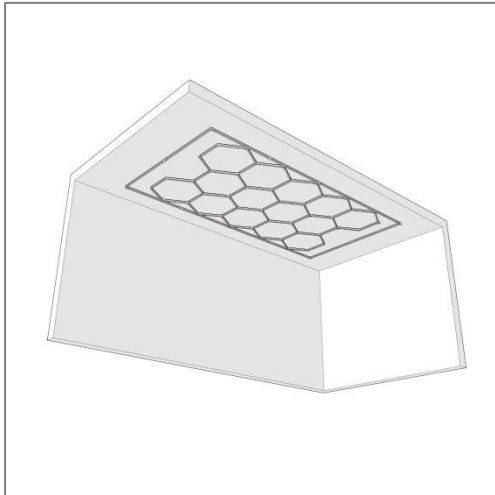
## A The grid roof



Tie it with zip ties equipped.



## B The Flat roof



Screw the connector from the hole to the ceiling directly.

