# Car Workshop Light Installation Manual

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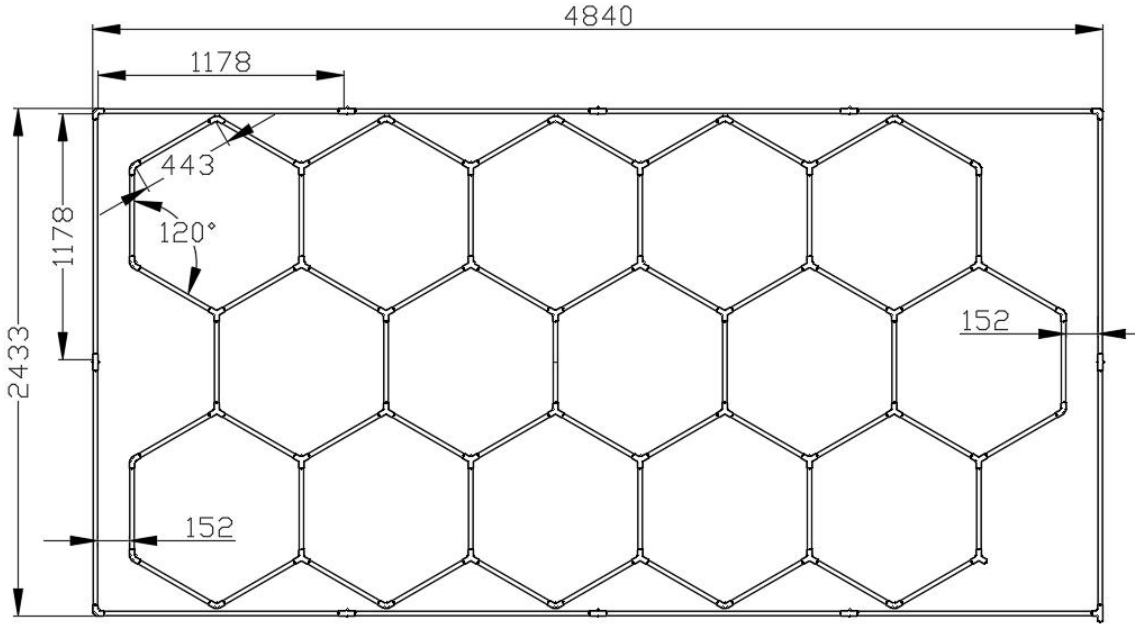
## Design sketch

（Please carefully read the "**Circuit Diagram**" before assembling）




## Parts List

| No. | Name | Specification | QTY | Unit | QC | M |
|---|---|---|---|---|---|---|
| 1 | tubes | Size: 440*20mm Power: 6w | 60 | pieces | | |
| 2 | tubes | Size: 1175*20mm Power: 16w | 12 | pieces | | |
| 3 | connectors | 90° 2-way white | 3 | pieces | | |
| 4 | connectors | 180° 2-way white | 8 | pieces | | |
| 5 | connectors | T-shaped 3-way white | 1 | pieces | | |
| 6 | connectors | 120° 2-way white | 17 | pieces | | |
| 7 | connectors | 120° Y connector white | 29 | pieces | | |
| 8 | cable | 0.3m 1-end | 2 | pieces | | |
| 9 | Zip ties | 0.3m 60pieces/bag | 1 | bag | | |
| 10 | installation instruction | - | 1 | pieces | | |

## Other Parts List

Provided by buyers

| No. | Name | Specification | QTY. | Unit | PIC |
|---|---|---|---|---|---|
| 1 | Wires | ≥1.5mm² for wiring | 5-15 | m | |

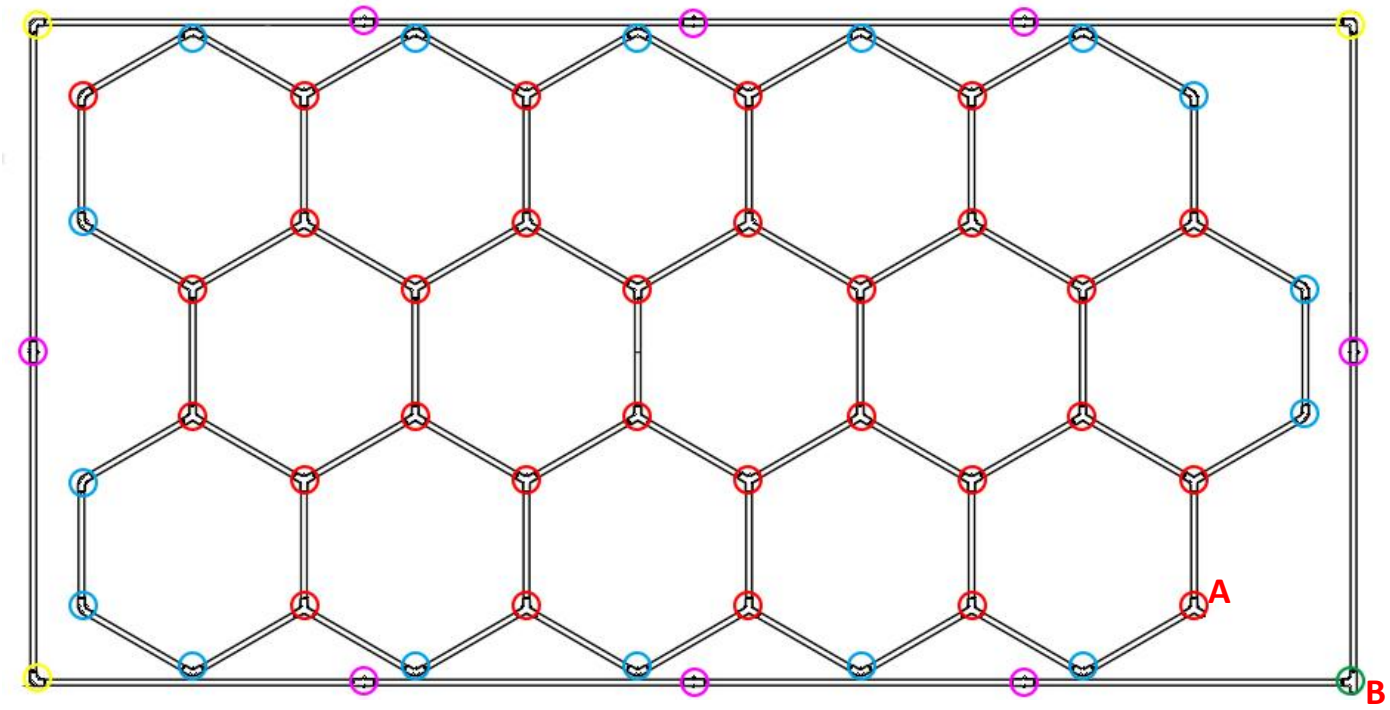
## Technical Data

| | |
|---|---|
| Voltage | AC110V |
| Power | 552W |
| Current | 8.4A |
| Instantaneous current | 16A |
| Luminous Flux | 110-120lm/w |
| CRI. | ＞90 |
| CCT. | 4000K (Warm White） |

## Assembling instruction

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

1.2m lamps for outer rectangle frame, 0.44m lamps for inner hexagonal structure, and the position of different connectors as below picture:



Pink O for 180° 2-way connectors

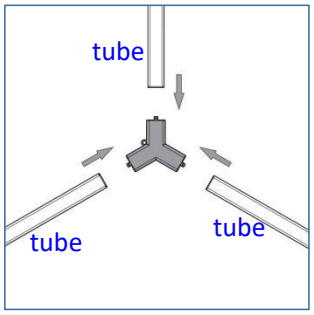
Yellow O for L-shaped 2-way connectors

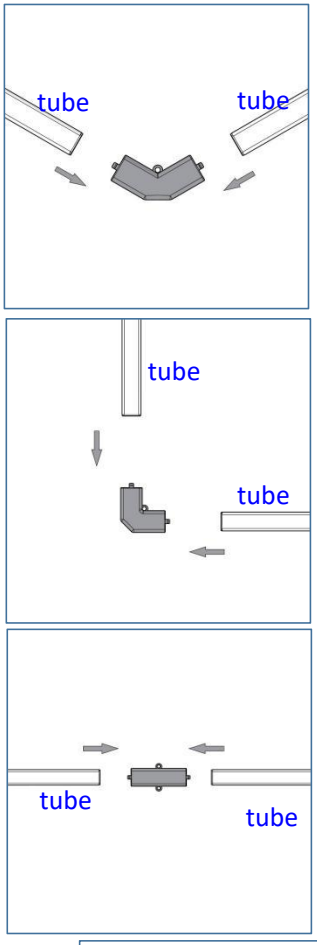
Blue O for 120° 2-way connectors

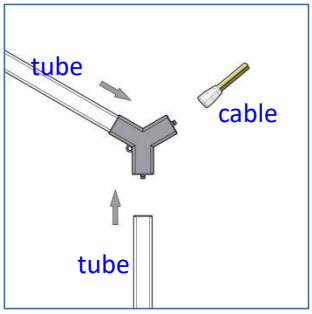
Red O for Y-shaped 3-way connectors

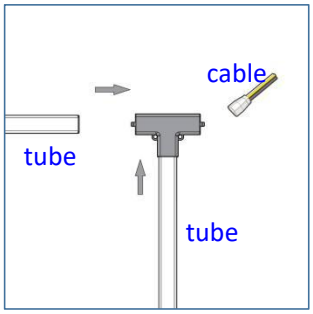
Green O for T-shaped 3-way connectors

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

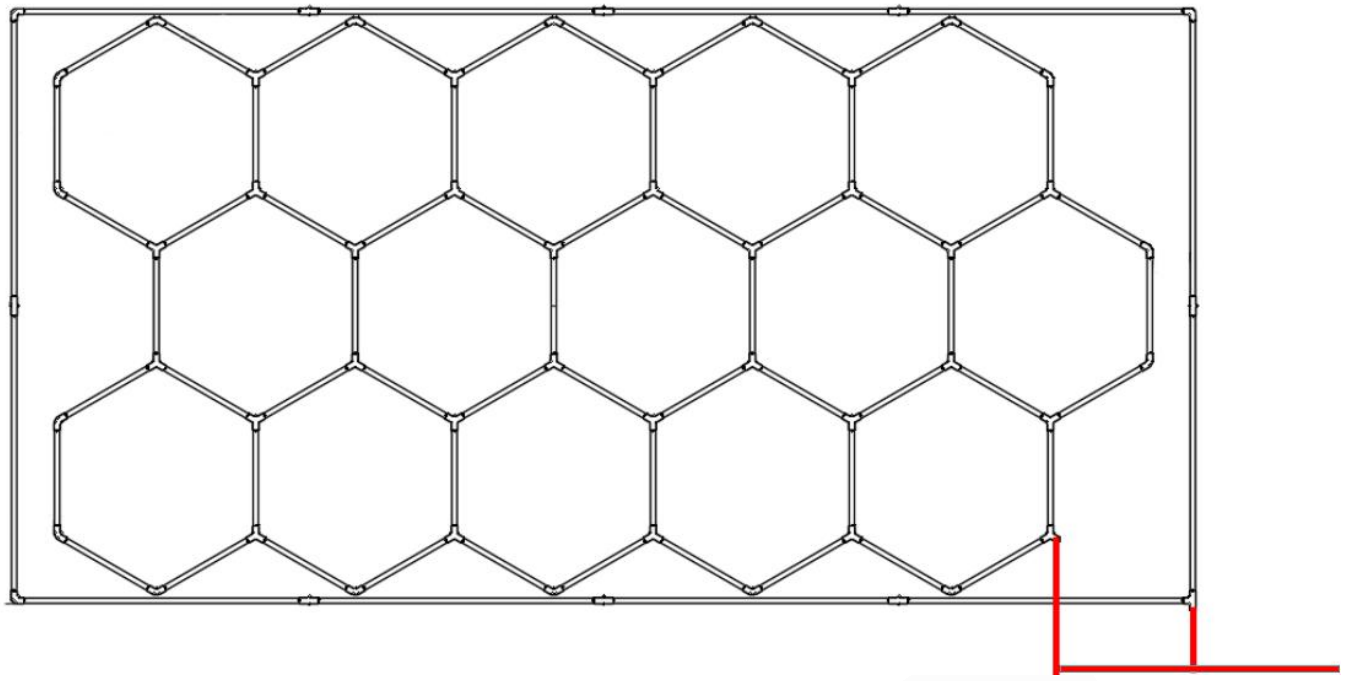
3-way connection: 


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 or Ground line**

2. **There are only 2 points for cable connection of the whole structure, parallel connecting the 2 cables and wiring to AC110V**

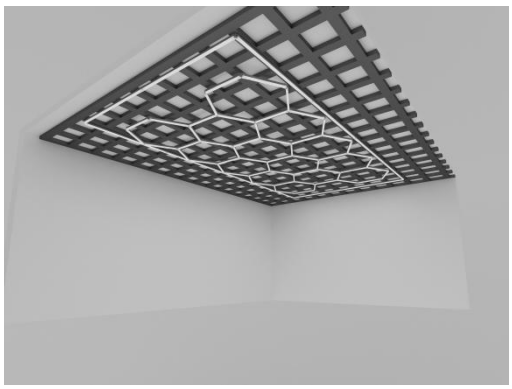
3. **TEST BEFORE FIXING TO THE CEILING.**

4. **Please installed by professional electrician.**

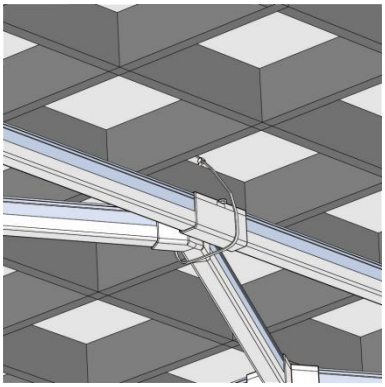
# Mounting instruction

How to fix it on the ceiling?

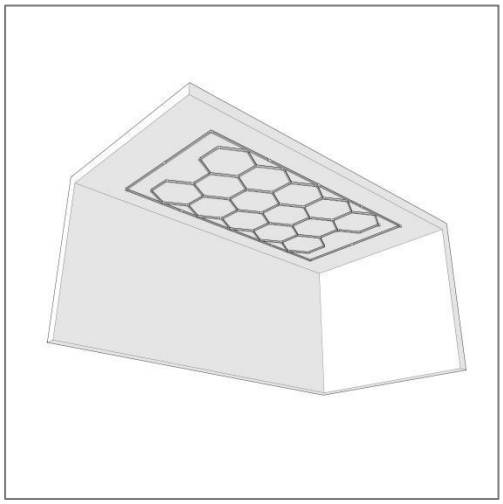
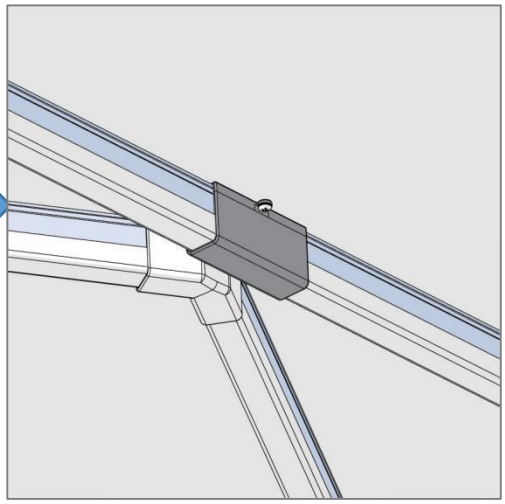
A grid roof



Tie it with zip ties



B flat roof



Screw the connector from the hole to the ceiling directly