

# 600W Car Showroom Light

## Installation Manual

**SKU :** T304

**EAN :** 5061004712141

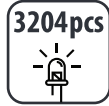
**Model Number :** ZT1028



62976 lm  
Total Lumens



600W



Number of  
LED Beads



Number of  
LED Tubes



6500K



120°



## WARNING TIPS

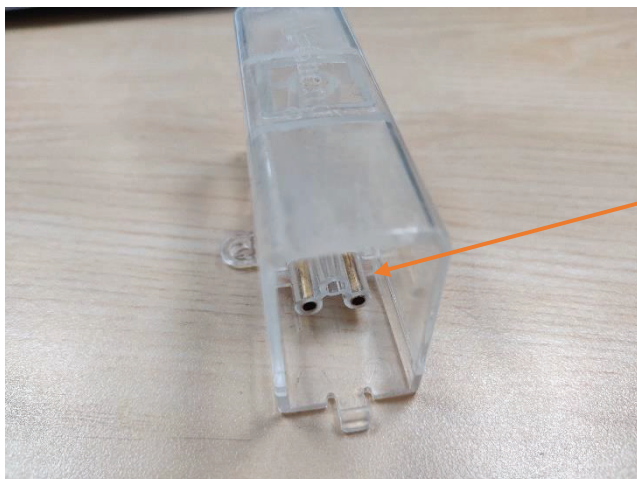
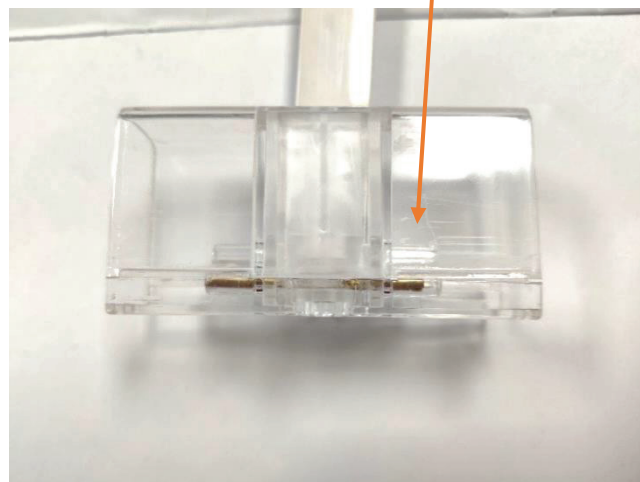
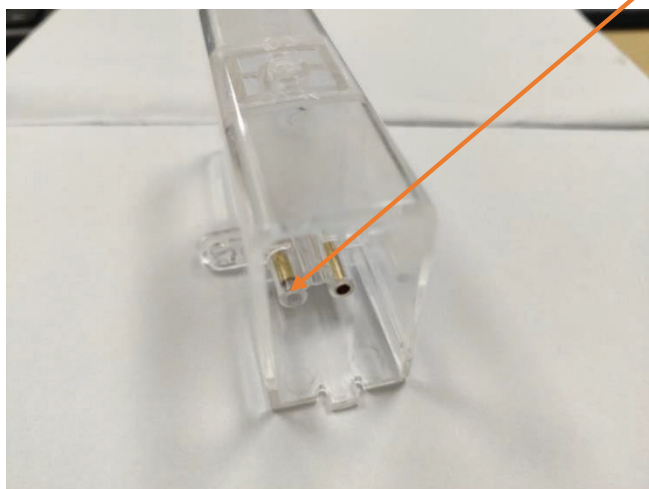


Image 1 shows how the copper connectors are supposed to look.

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 it to the ceiling.

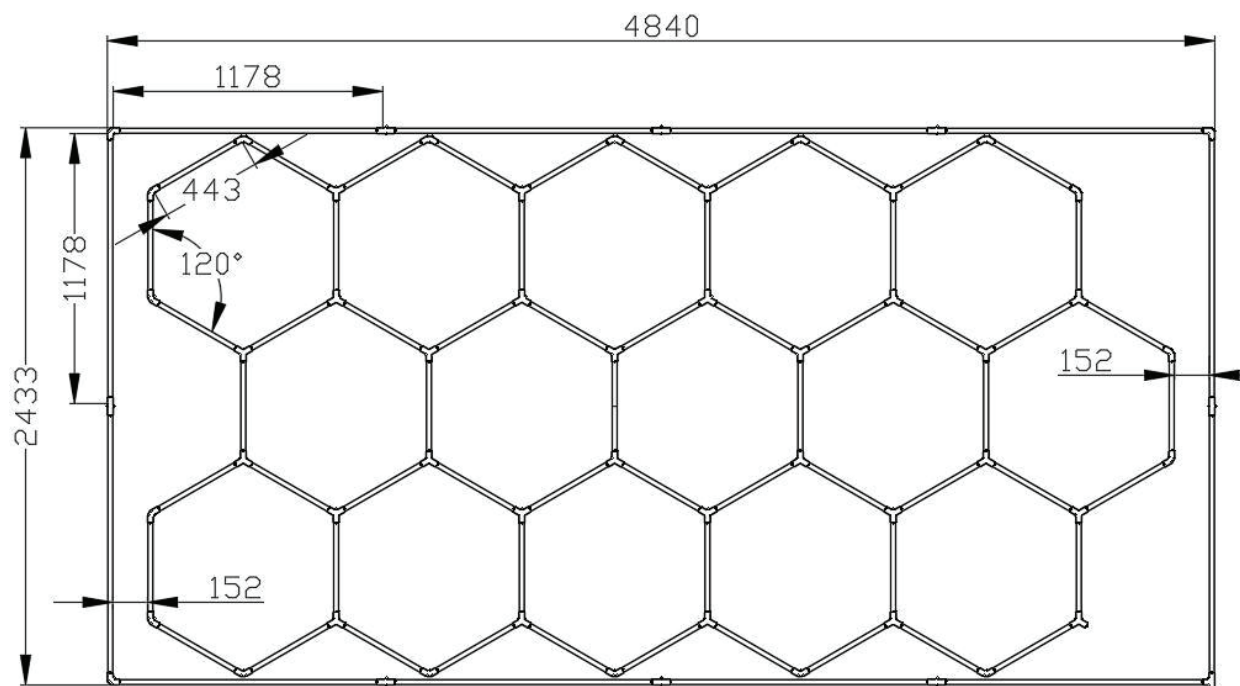
**It is recommended to completely read this manual before assembling the product.**

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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: 440*23.6mm Power: 7w	60	pieces	
2	tubes	Size: 1175*23.6mm Power: 17w	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	The cable	1-end	2	pieces	
9	Installation instruction	-	1	pieces	

## Other Parts List

No.	Name	Specification	QTY.	Unit	PIC
1	Wires	≥1.5mm <sup>2</sup> for wiring	5-15	m	



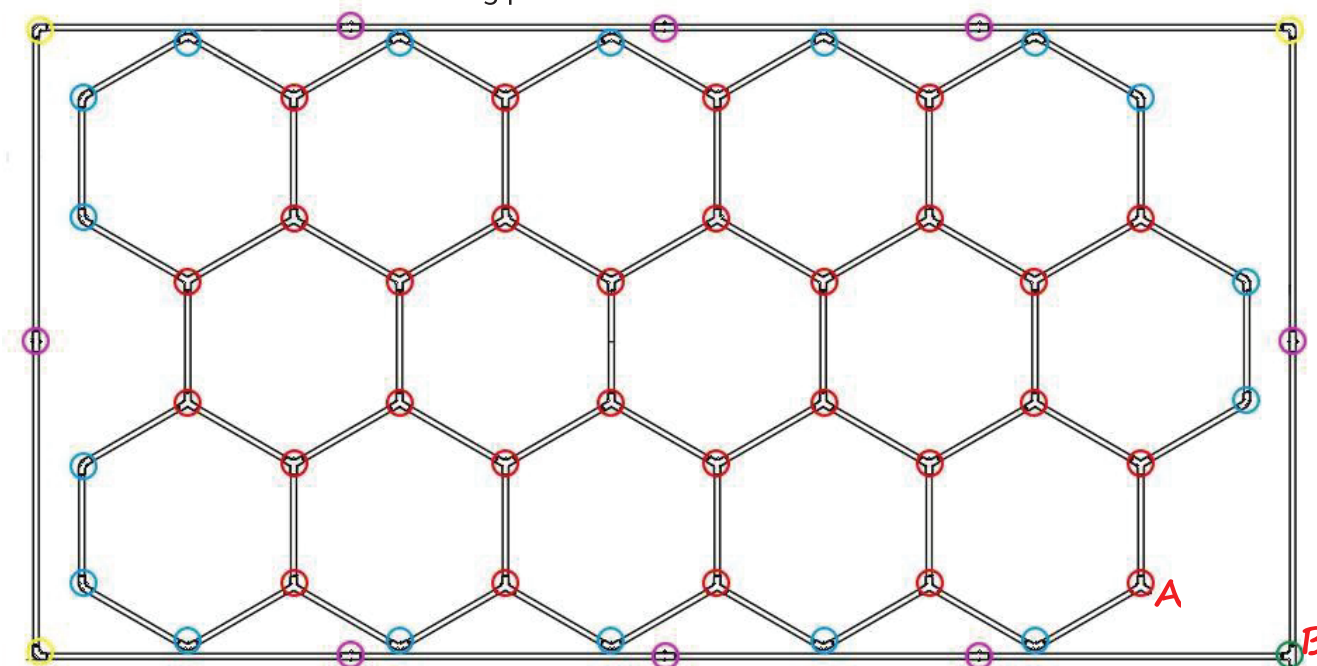
## Technical Data

Model No	ZT1028
Material	PC
Light Source	LED
Led beads qty	3204pcs
Led Tubes	12pcs
Connectors	56pcs
LED Tube Type	T5
Color Temp.	6500K
Total Lumens	62976lm
Product Size	440*23.6*38.1mm (57pcs/sets)+ 1175*23.6*38.1mm(12pcs)
Product Width	23.6mm
Product Net weight	70g/pc
Voltage	200-240V
Total Power	600W
Ra	80
Installation method	Ceiling mounted
LifeSpan	25,000hours
Beam angle	120degree
Warranty	2 years
Package	1sets/carton

## Assembling instruction

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

1.2 million lamps for the outline, 0.44 million lamps for the inner structure, and the positions of different connectors are as shown in the following 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.

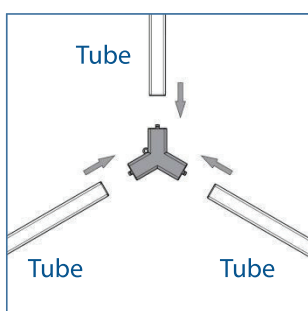


Green 'O' for T-shaped 3-way connectors

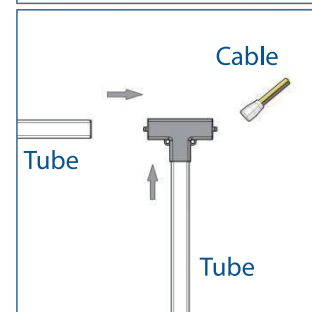
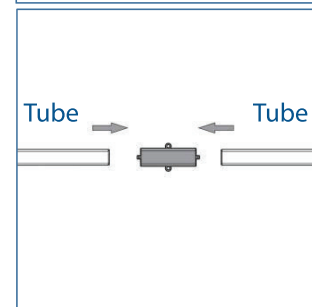
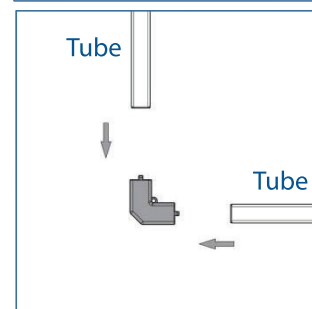
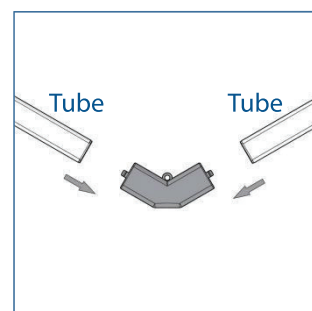


## 2. Connect the tubes (Please be careful while connecting tubes with the connectors, or the copper needle in the connectors would be damaged)

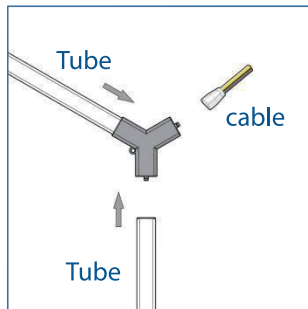
3-way connection:



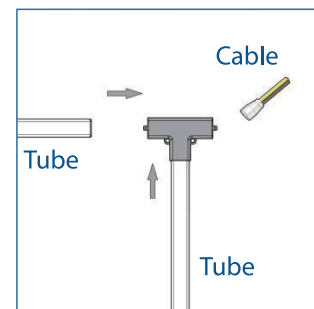
2-way connection:



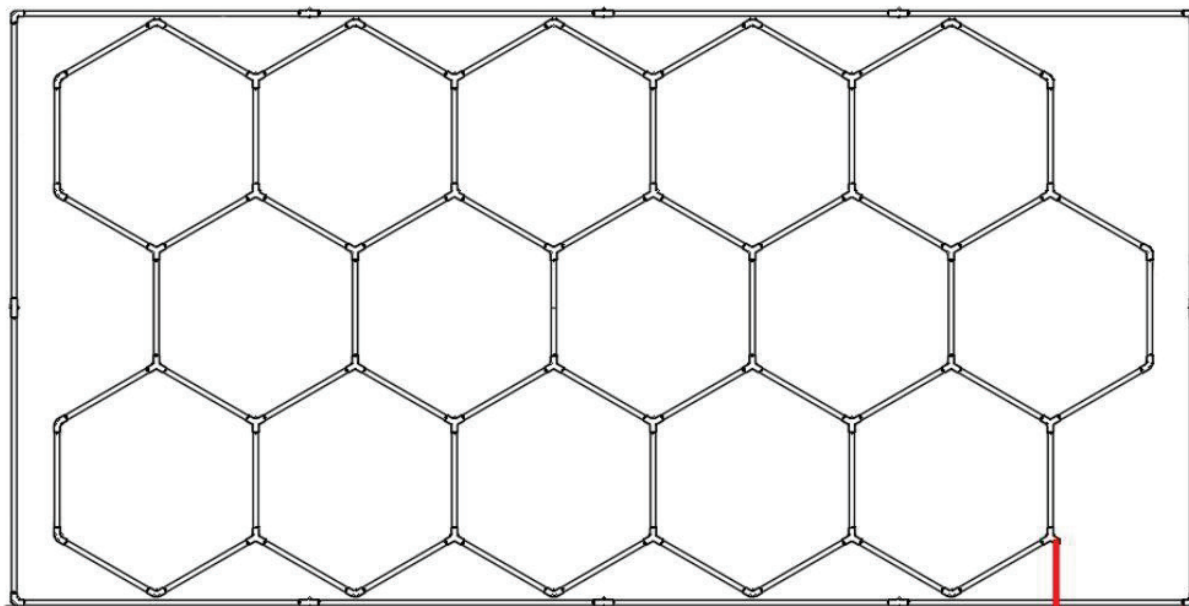
### Connection at point A:



### Connection at point B:



### Circuit Diagram



### Caution!

1. Please cut off the mains power supply before installation or maintenance.

2. About the cable:

Red wire—Live Line

Blue wire—Neutral line

Yellow wire—Earth Line or Ground line

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

4. TEST BEFORE FIXING TO THE CEILING.

5. Please install by a professional electrician.

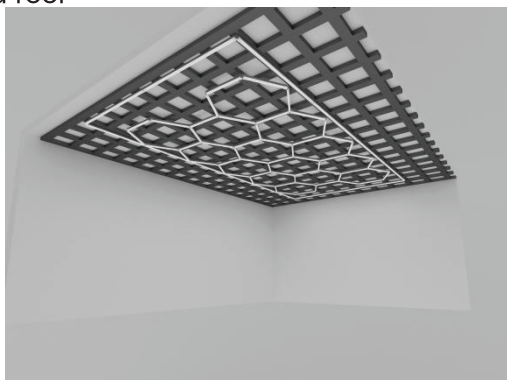


AC220V

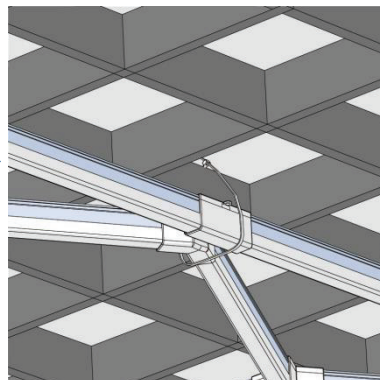
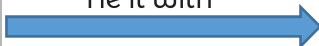
## Mounting instruction

How to fix it on the ceiling?

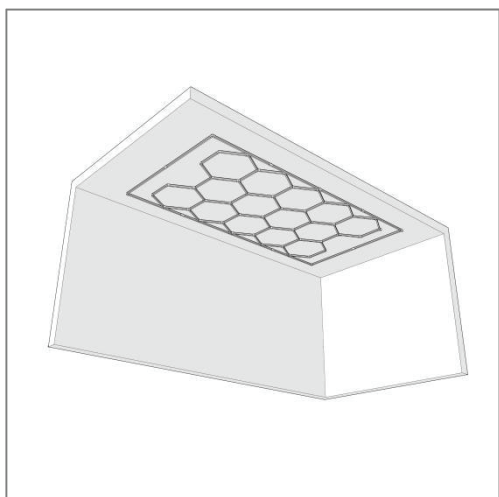
### A grid roof



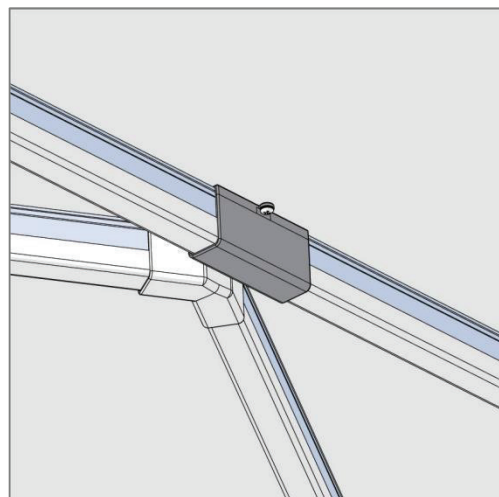
Tie it with



### B flat roof



Screw the connector from the hole to the ceiling directly



### Stuck? Confused?

Contact our Technical Support team on:

T: +44 (0)1291 446 105 E: [support@ener-j.co.uk](mailto:support@ener-j.co.uk)

Lines are open Mon - Fri (8am to 4pm)

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