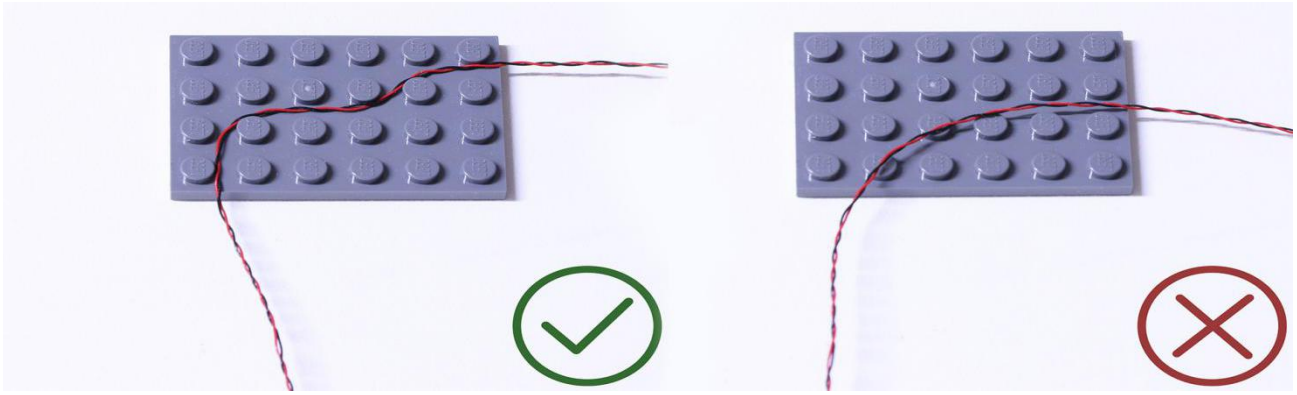
Dragon Dance 80102 LED Lighting Kit

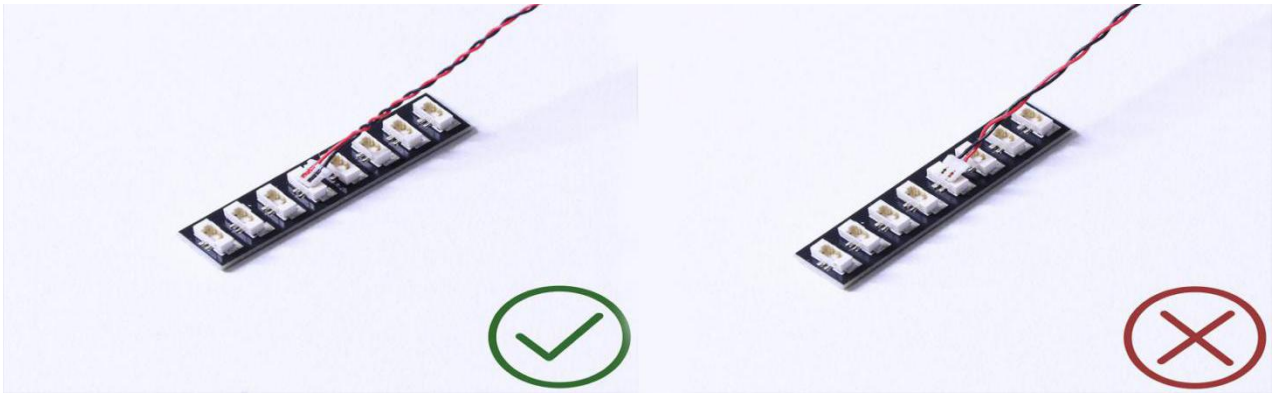
Package contents：

- 2 x 30cm Warm White Dot Lights
- 2 x 30cm Warm White Lights
- 1 x 6-port Expansion Boards
- 1 x Multi Colour Light Strings
- 1 x USB connecting cable
- Some assorted LEGO Pieces included for assembly

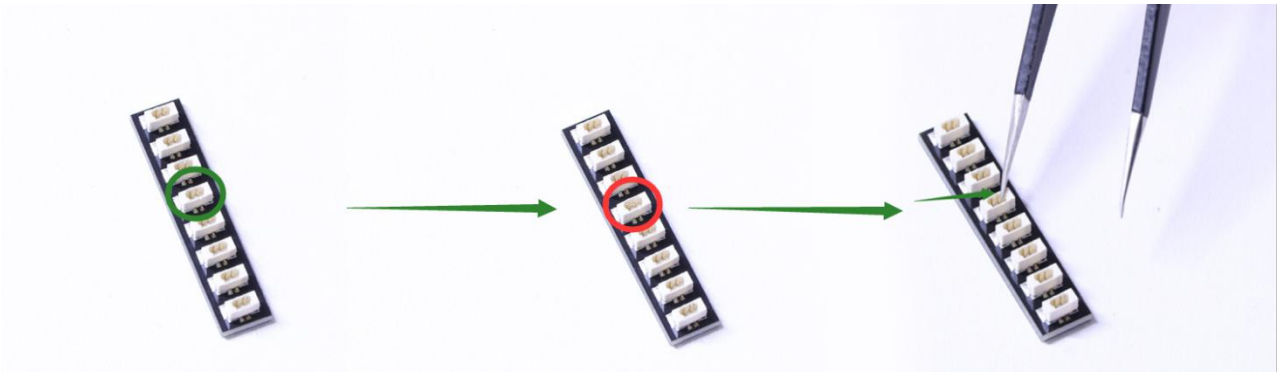
Note:
Place wires on the surface or under the LEGO building blocks.
The wire can be place between the building blocks or under the block, but they should be placed between the studs correctly.



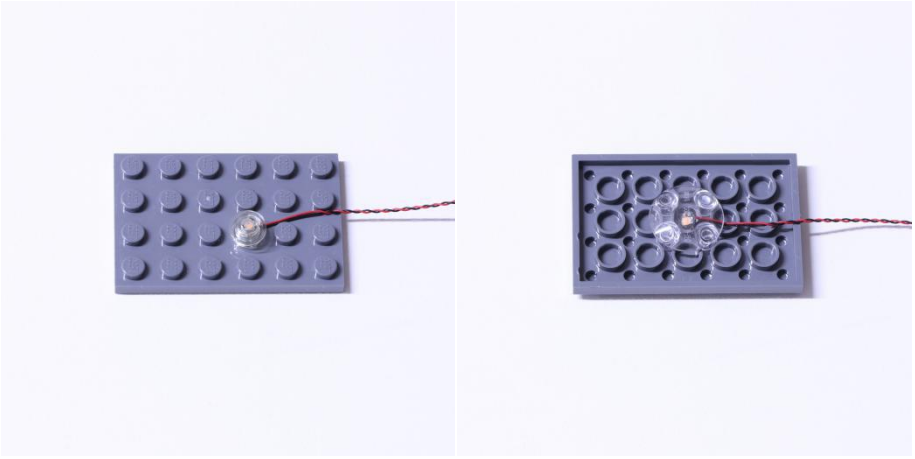
Insert the connectors to the ports.
Be careful when you are operating, there's only one correct way to insert, make sure the expansion board is upward, find the soldered "=" sign on the left of the port. When you are inserting, the side which the wires can be seen should be faced to the "=" sign and if you feel hard to insert, please stop, and don't force it, for that may result in bent pins inside the port or overheating of the expansion board.



At this point, use the tweezers to straighten the bentpins.

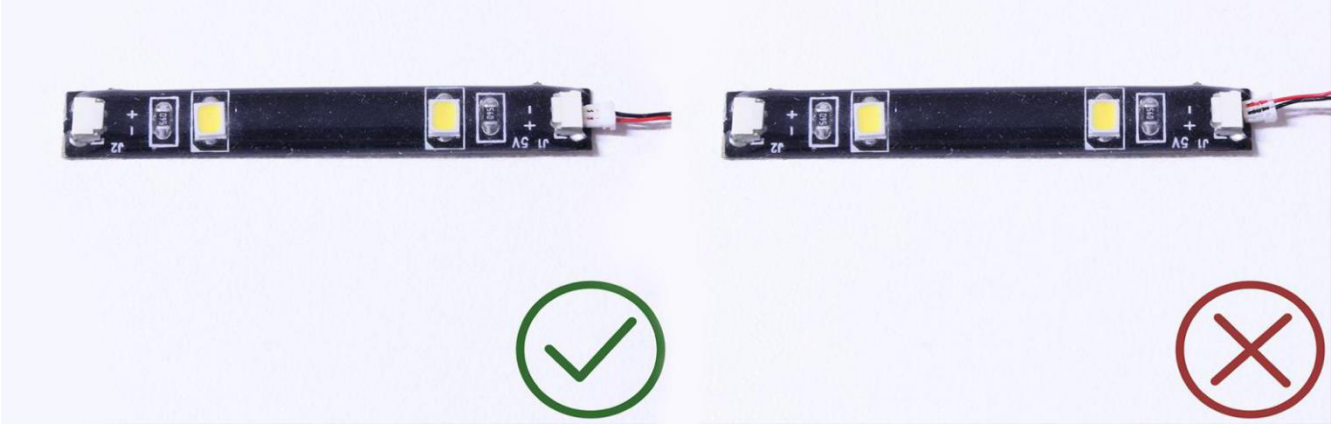


When installing dot lights, make sure they are correctly placed (Yellow LED package is exposed). You can put they either on the top of the studs or between studs.



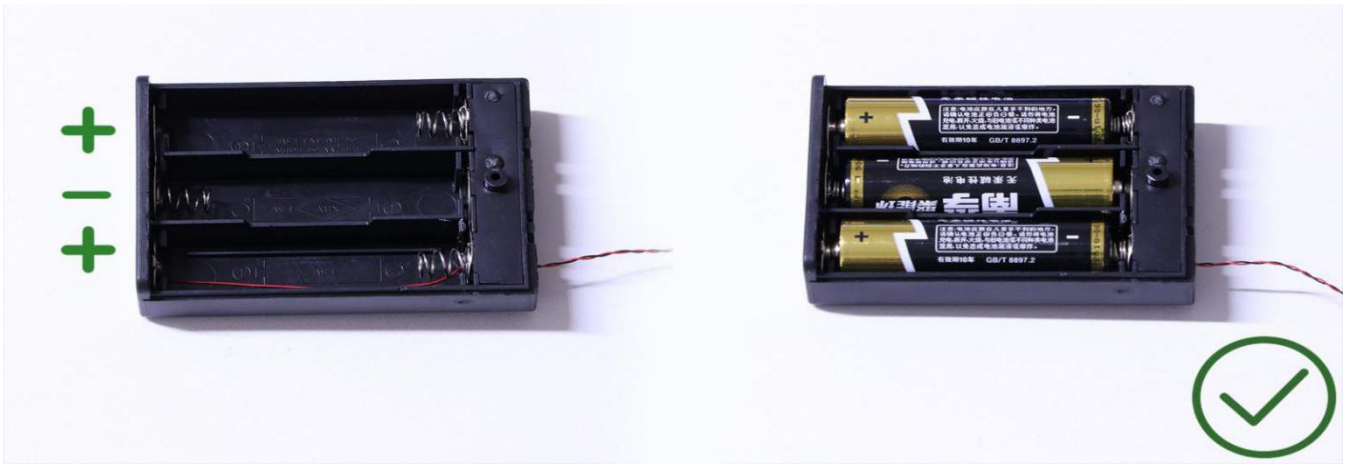
Connecting cable connectors to Strip Lights

Take extra care when inserting connectors to ports on the Strip Lights. Connectors can be inserted only one way. With the Strip Light facing up, ensure the side of the connector with the wires exposed is facing down. If a plug won't fit easily into a port connector, don't force it. Doing so will damage the plug and the connector.



Finally, please pay attention to the positive and negative terminals of the battery when installing the

battery case.



OK, Let’s Begin!

Instructions for installing this kit

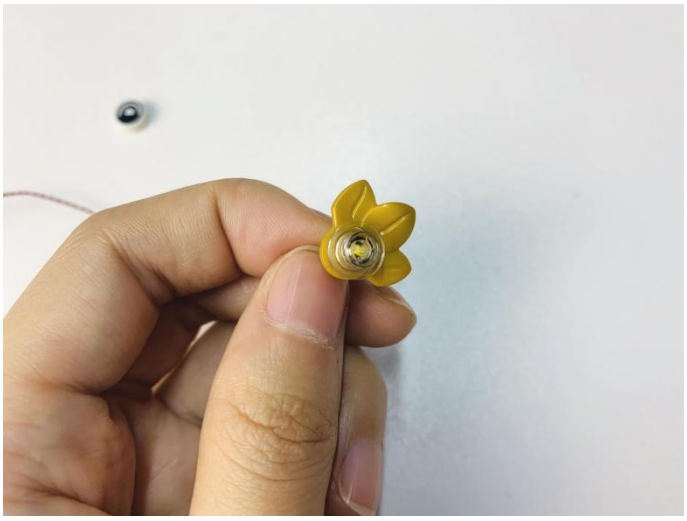
Installing lights from the head of the dragon, remove the head

Disassemble the head as per below

Take 2 warm white 30cm Dot Lights, a trans 1x1 round plates

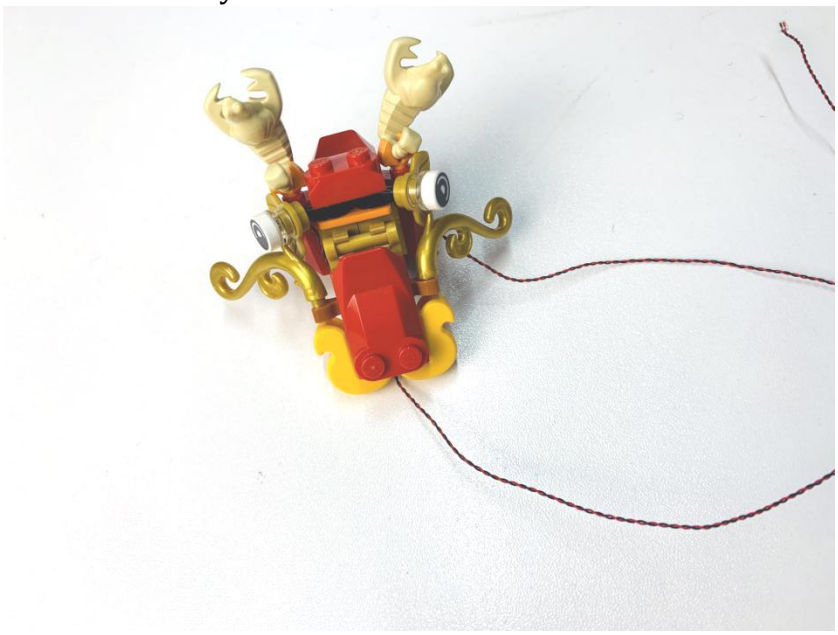
Disconnect the eyes from the head]

Thread the light through the piece as per below, pull the cable till the lighting part is facing up. Secure the light by connecting the trans piece over, then reconnect the eye



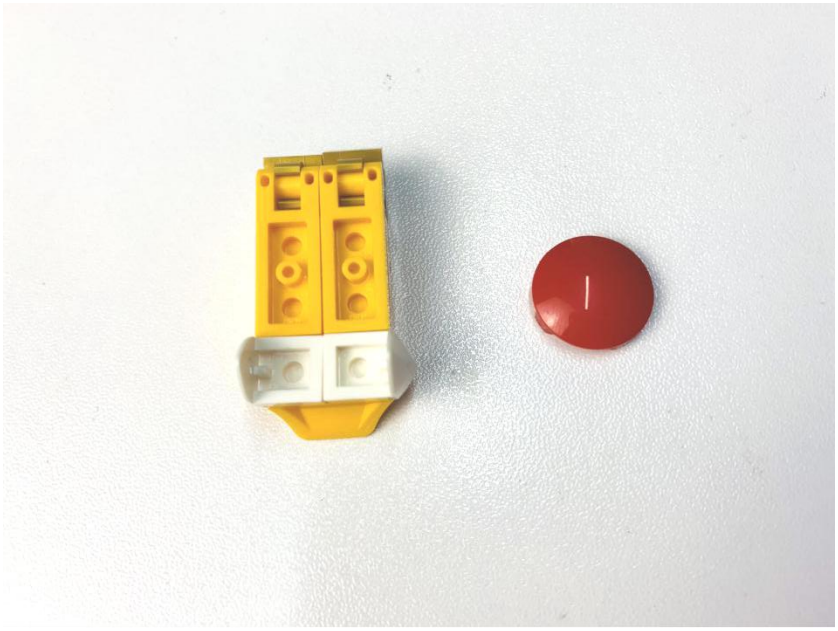
Repeat the previous steps to install the other light to the eye

Reconnect the eyes

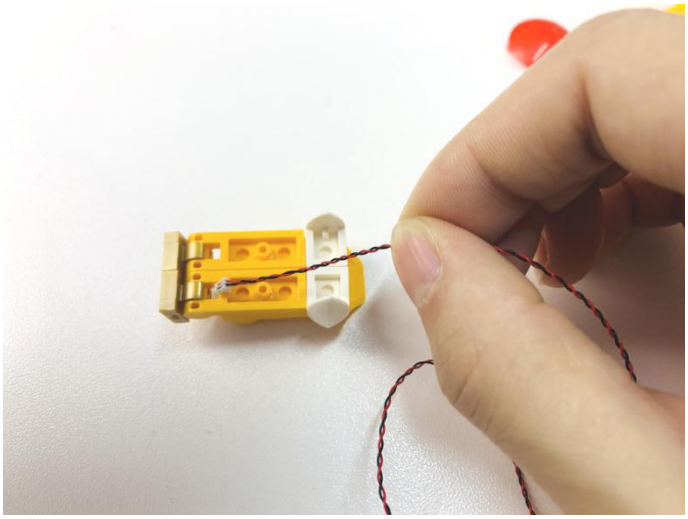


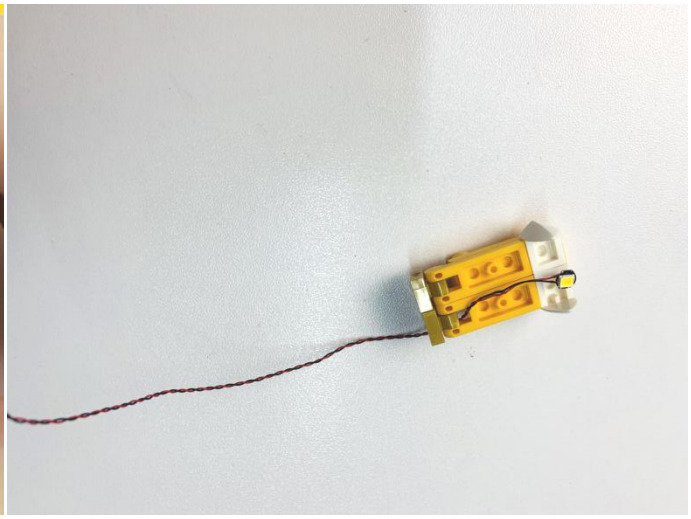
Take a 30cm warm white light, a 2x2 round plate取1根30cm

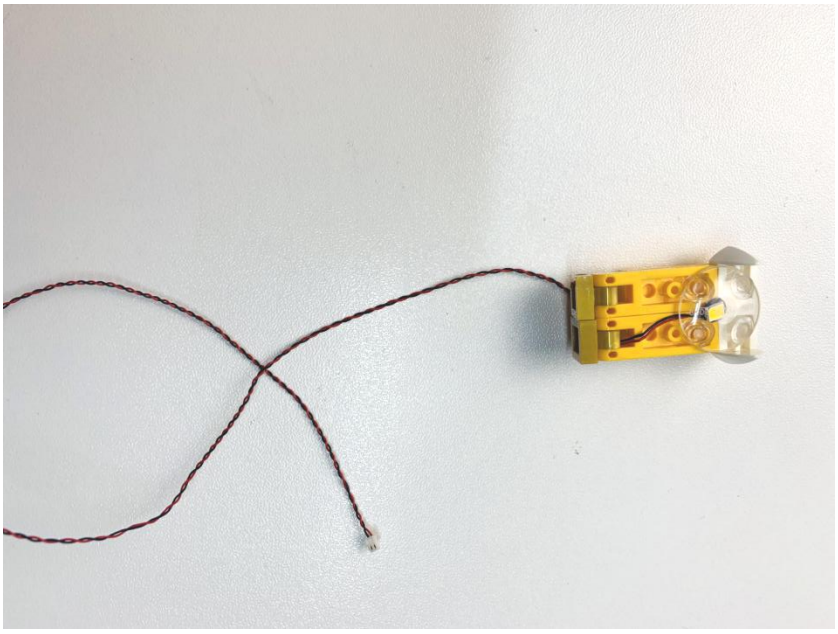
Disconnect the following pieces



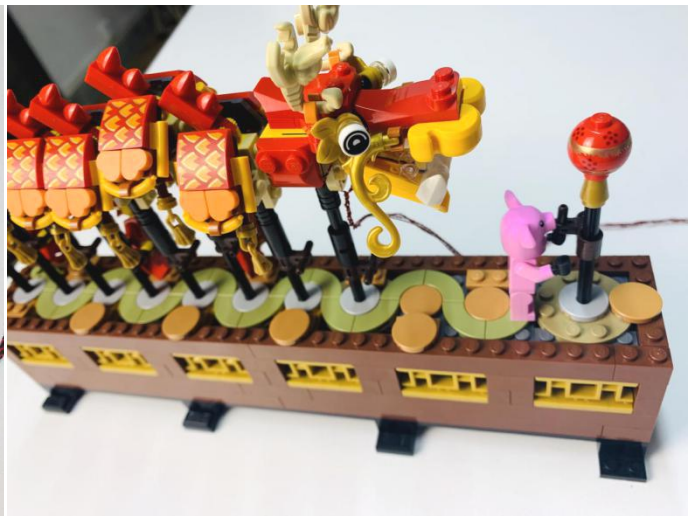
Thread the light the gap on the following piece, secure the light by connecting the round plate over







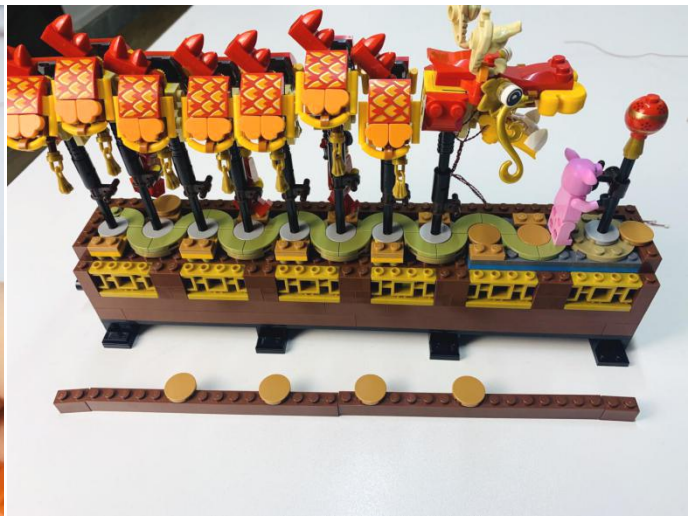
Reconnect the head of the dragon back, pull the cable to the back of the dragon



Take a 6-port expansion board, a USB connecting cable

Connect the cables of the lights to the 6-port expansion board, turn the power on to verify the current

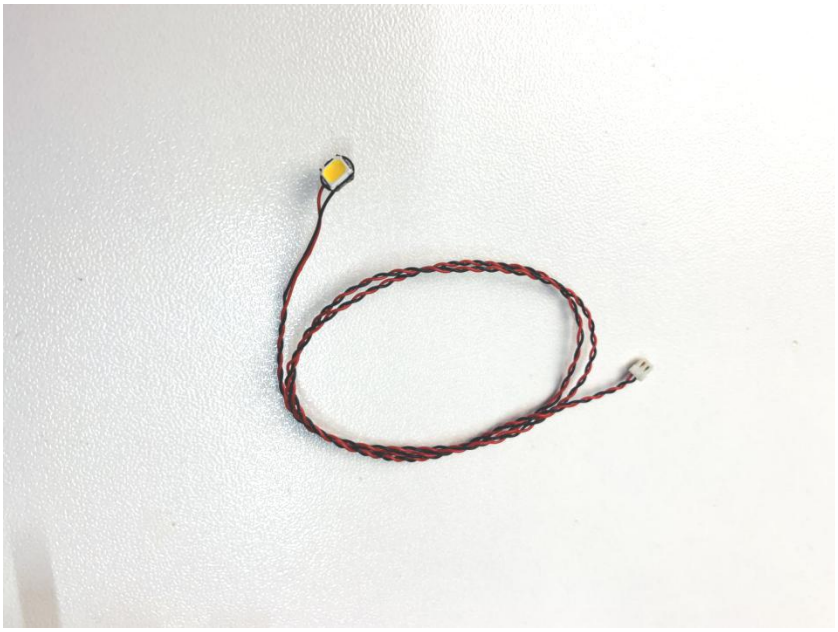
Remove the brown plates from the highest floor



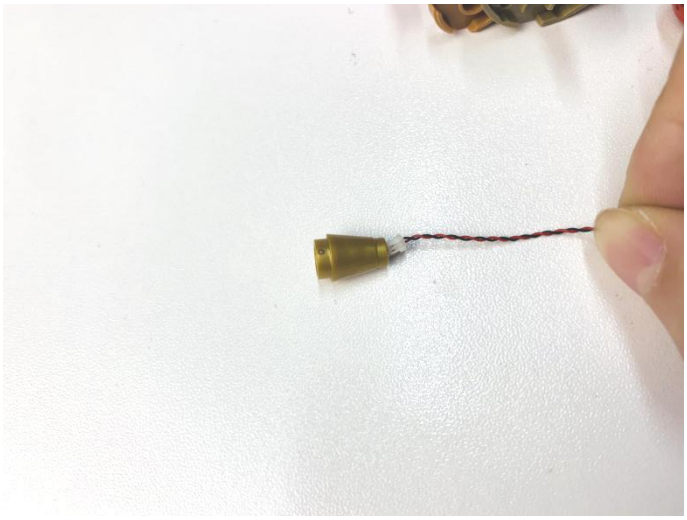
Remove the lantern in front of the head of the dragon. Remove the gray technic pin from the lantern to prevent it from spinning.

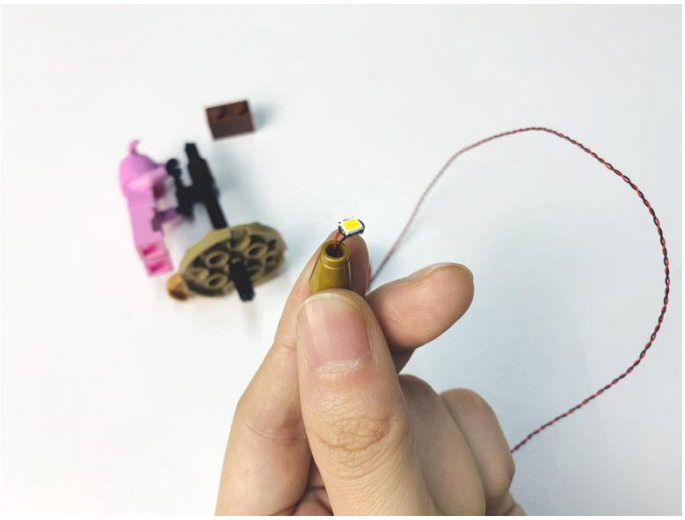
Disassemble it as per below

Take a 30cm warm white light



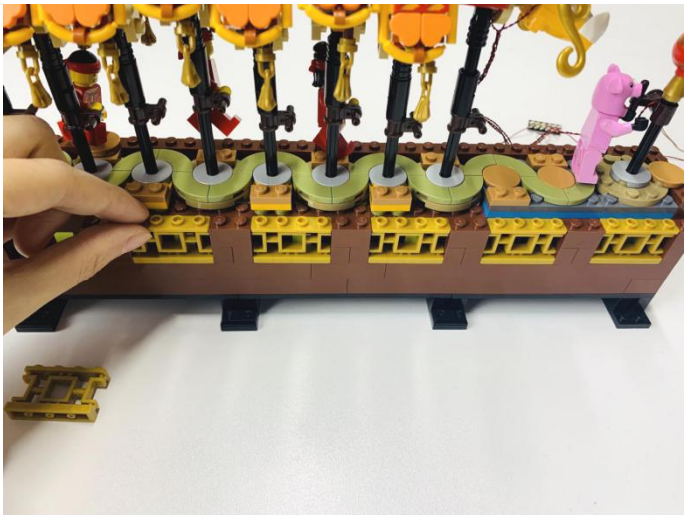
Thread the connector through the yellow piece, pull the cable till the light is facing up. Reconnect the red ball over



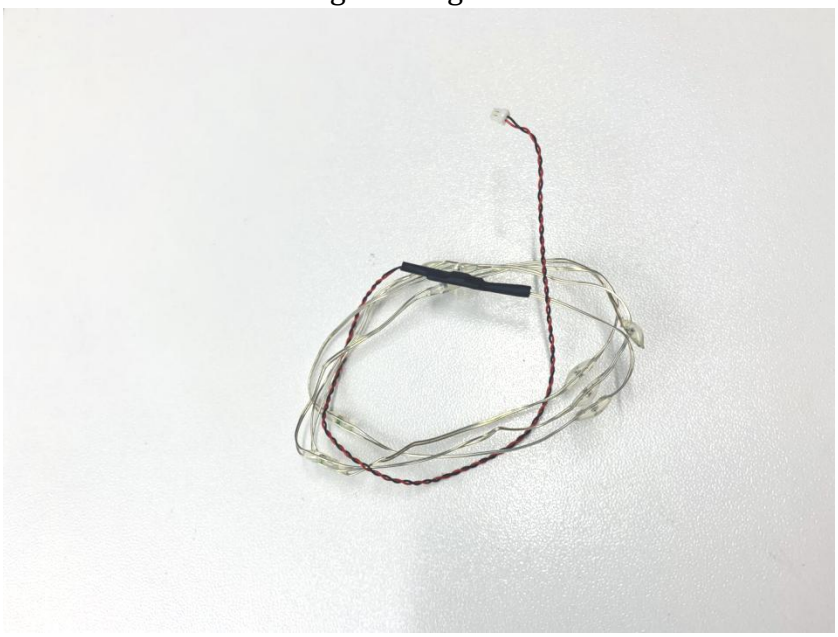


Connect the cable to the power to verify the current

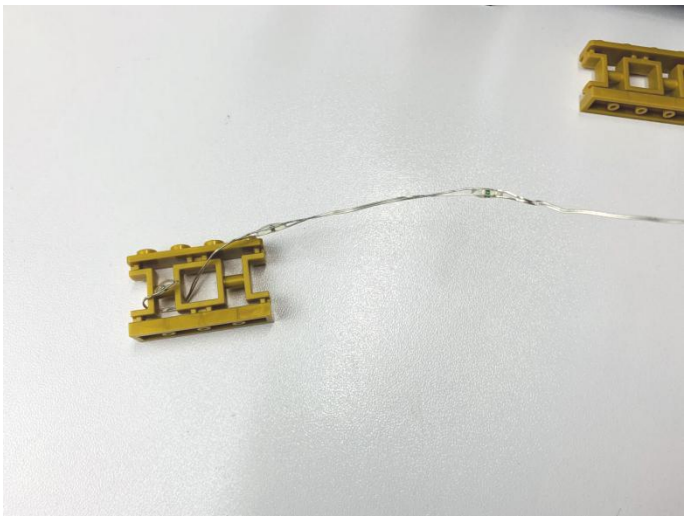
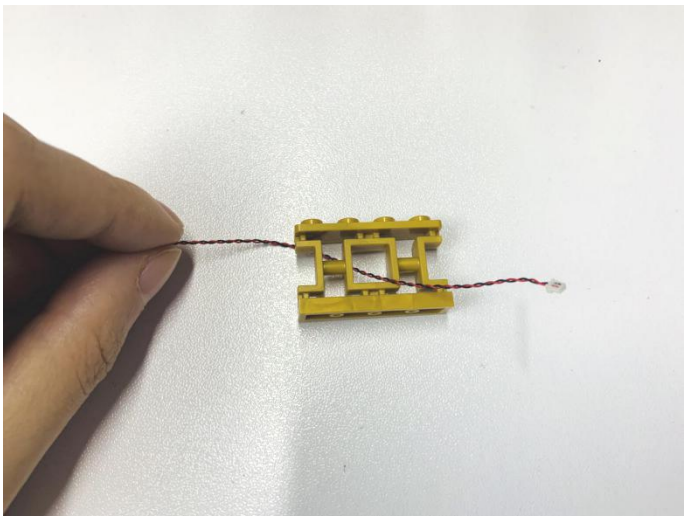
Remove the windows



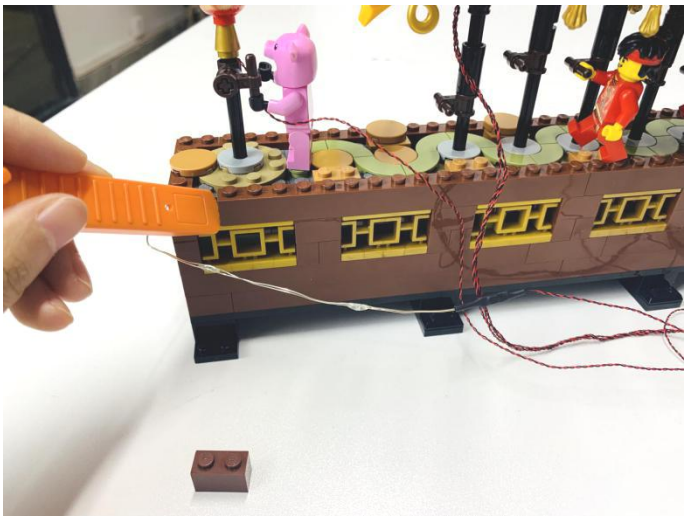
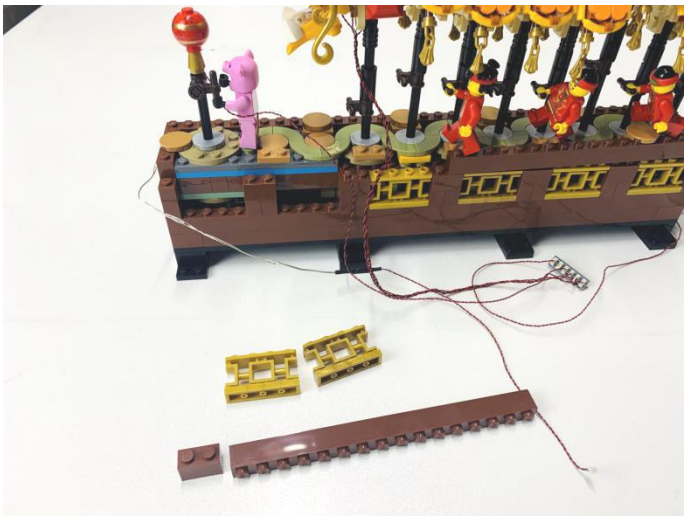
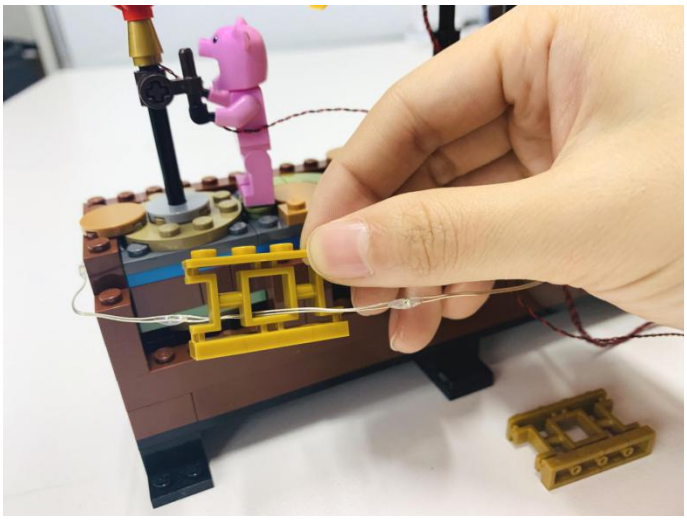
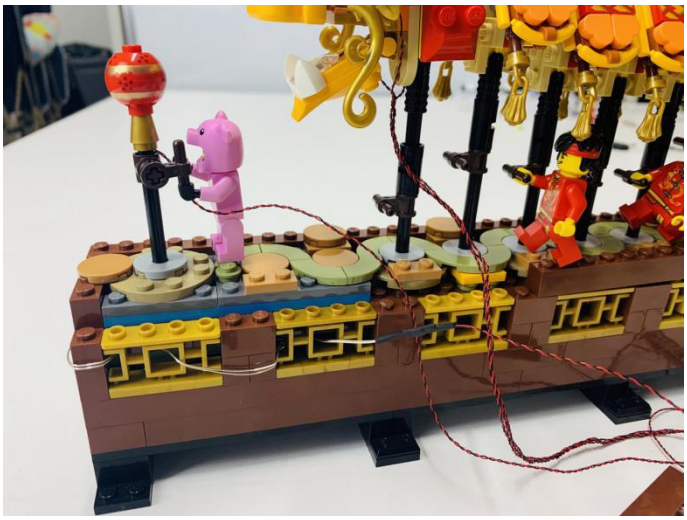
Take the Multi Colour Light Strings



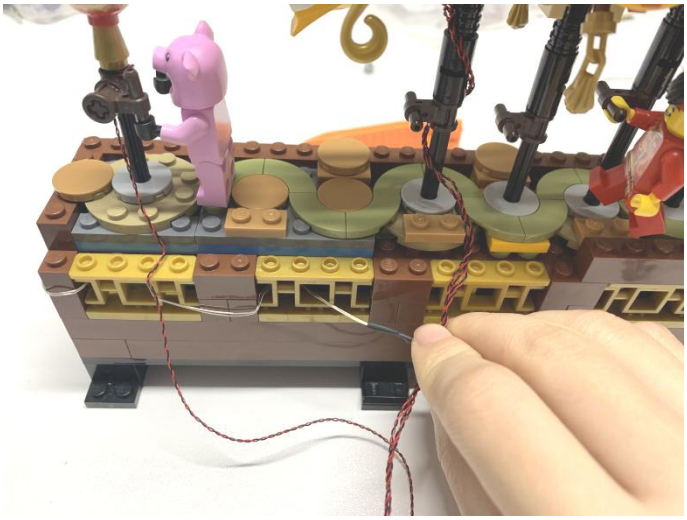
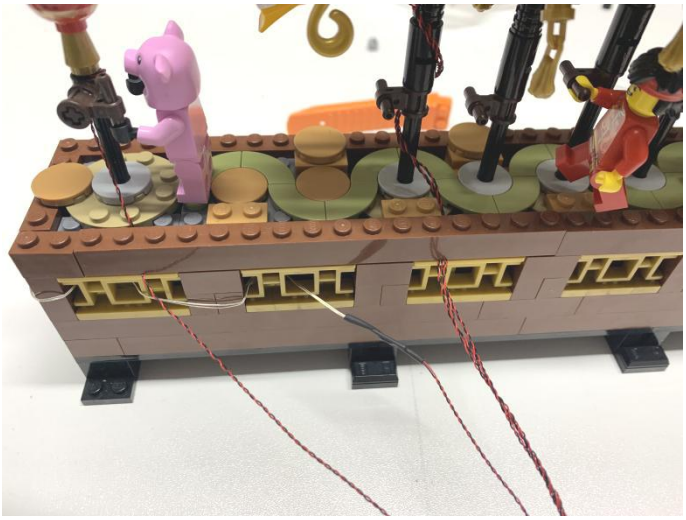
Thread it through the holes on the windows as per below

Pull excess string to the back, wind it around the first 2 windows

Place the cable in between studs before reconnecting the brown plates. Note: leave enough length for head to move flexibly

Connect all cables of lights to the 6-port expansion boars, turn the power on.
This completes installation of this LED Lighting Kit. ENJOY!