80113 Family Reunion Celebration P58702

- **Installation requires a lot of patience and great observation that your LEGO bricks will come alive when you get this finished. The bricks with lighting as below, so make sure you're ready and let's get started.**

Strategies for the Installation

This instruction divides three sections to complete the installation of the lighting set.

Section A：Check the type and quantity of components.

The quantity and type of components of each products are different and it needs to be carefully checked to make sure there do have enough material. The type of components is indicated by the label on the bag.

Section B：Test that each components is working properly.

Each components is made individually so it is necessary to test that each components is working properly to avoid the situation that the lighting does not work .

Section C：laying out components following the instruction.

Our material is very small but not fragile, just be reminded that don't to pull the wires too hard. For different people, there may be some installation steps that you can't understand. Please look at the previous and later installation step.

Section A：Check the type and quantity of components.

There are 13 bags in this set. The name and quantities of specific components are as shown , please check carefully.

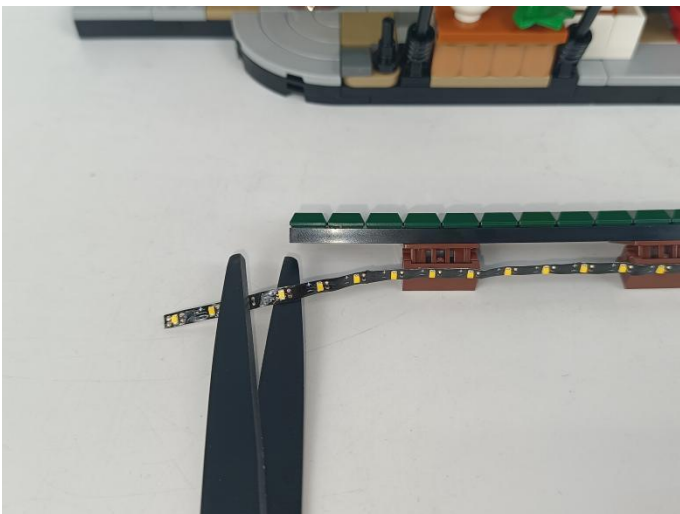| Label	Content	Quantity
A01023 High-Brightness Light 30CM-Warm White	High-Brightness Light 30CM-Warm White	2
A01024 High-Brightness light 15CM-Warm White	High-Brightness light 15CM-Warm White	1
A012 Expansion Board	4 Socket Expansion Board	3
	6 Socket Expansion Board	1
	2 Socket Expansion Board	1
A01305 Power Supply	Power Supply	1
A01502 Connecting Cable 15CM	Connecting Cable 15CM	2
A01503 Connecting Cable 30CM	Connecting Cable 30CM	1
A01506 Connecting Cable 20CM	Connecting Cable 20CM	2
A02506 Light Strip-Warm White	Light Strip-Warm White	5
A03801 Remote Control	Remote Control	1
A1031 High-Brightness Light 15CM-Red	High-Brightness Light 15CM-Red	1
A1032 High-Brightness Light 30CM-Red	High-Brightness Light 30CM-Red	2
A1037 High-Brightness Light 15CM-Cyan	High-Brightness Light 15CM-Cyan	1
Components		

Please contact us immediately if there have any missing components.

Section B: Test that each components is working properly.

We need a structure to test all lights, so take out the bag with label "USB Power Cord"and "Expansion Boards"as follows.

It is worth reminding that our products are all customized. They have a unique way of connecting. The white plug on wire and the socket of the expansion board need to be connected together to transmit power.

Note that on one side of the white plug you can see two very small golden wires that should be connected to the two golden needles in socket of the expansion board.shown as blow.
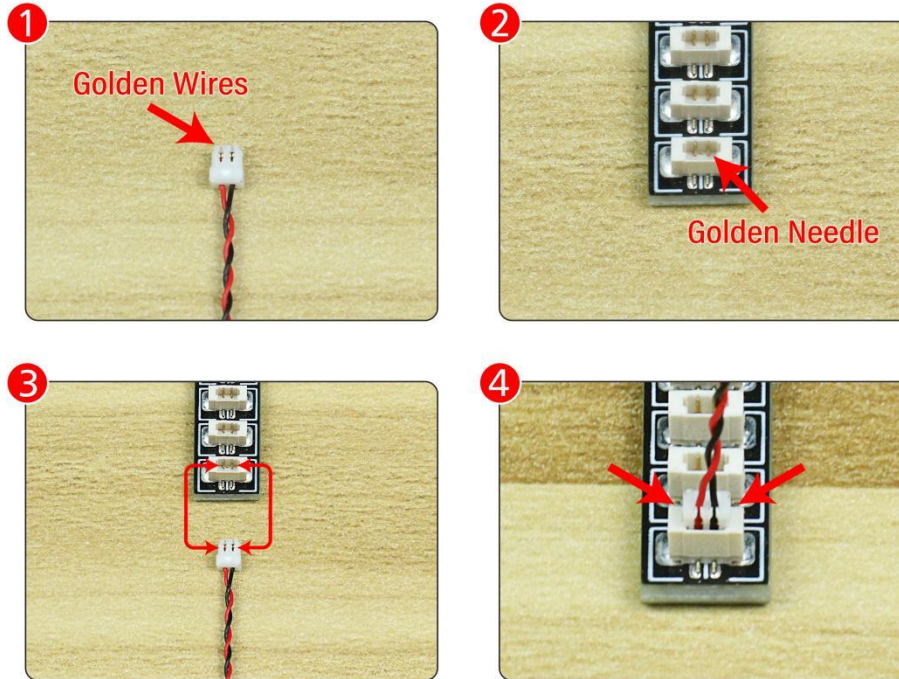
All our connections between plug and socket are all the same as shown above. So for any such structure with plug and socket, please pay attention to the golden wire of the plug and the golden needle of the socket, they must be touched together.

The connection method between the USB Power Cord and Expansion Boards is as follows:
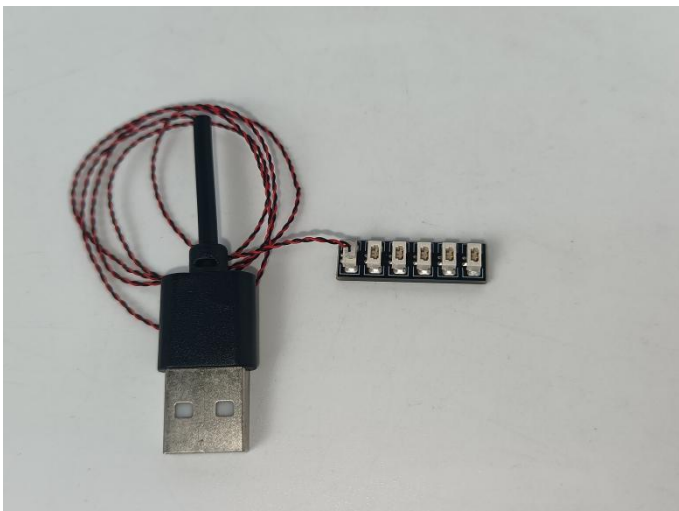
The USB Power Cord can be powered by phone chargers, power banks,etc.

USB connectors to connect devices

Power Bank

Phone Charger

USB Socket

With USB to interface
AA battery box

USB Power Cable

With USB to interface
AAA battery box
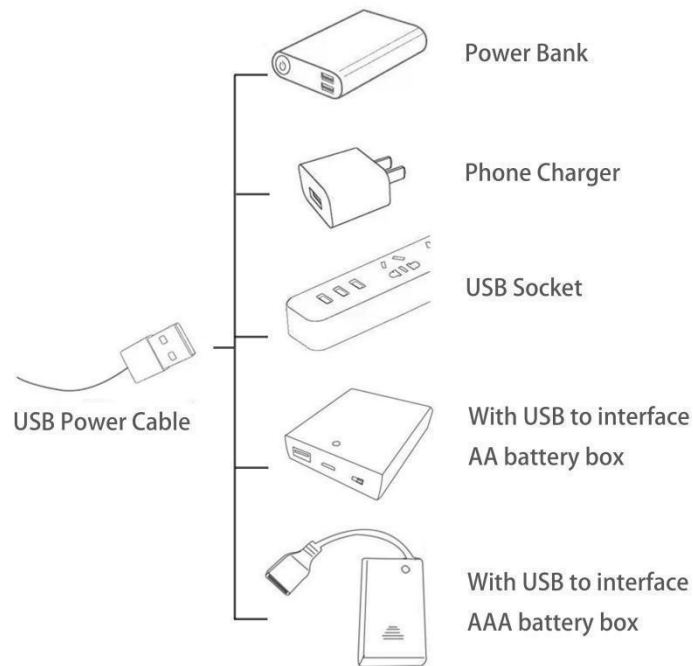
This instruction will use the power bank as power supply . The test structure is shown as follow. All lamp in this set will be tested by this structure.

When we test "A01024 High-Brightness light 15CM-Warm White" particles,Take out the bag labelled "A01024 High-Brightness light 15CM-Warm White".Take out one of the light and connect it to the socket. Turn on the power bank, the light will turn on normally as shown below.
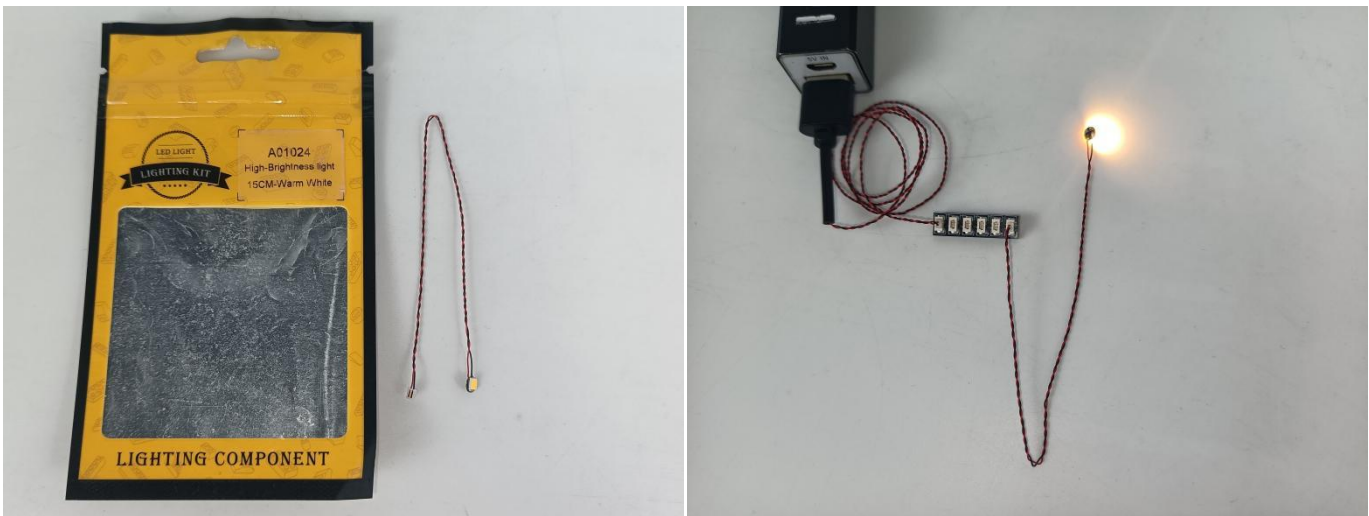
Test each lamp according to this method. It should be noted that after the test, the lamp must be returned to the corresponding bag to avoid confusion of types.

The components needs to be tested in this set is 2* High-Brightness Light 30CM-Warm White,5*Light Strip-Warm White,1* High-Brightness Light 15CM-Red,2* High-Brightness Light 30CM-Red,1* High-Brightness Light 15CM-Cyan.Please contact us immediately if any components don't work.

Section C：laying out components following the instruction.

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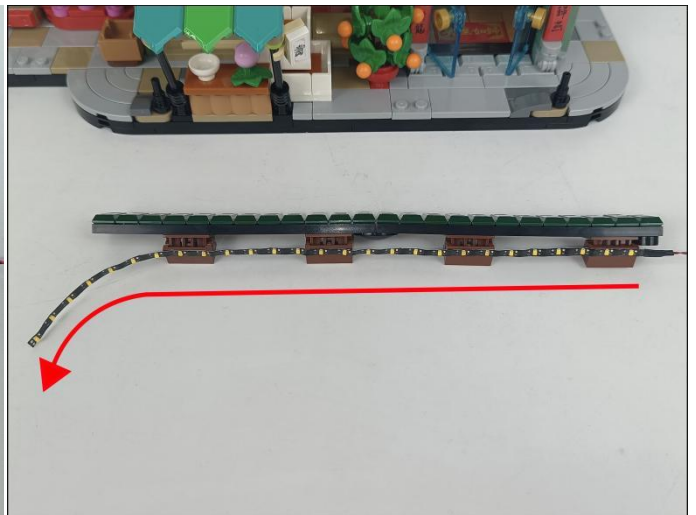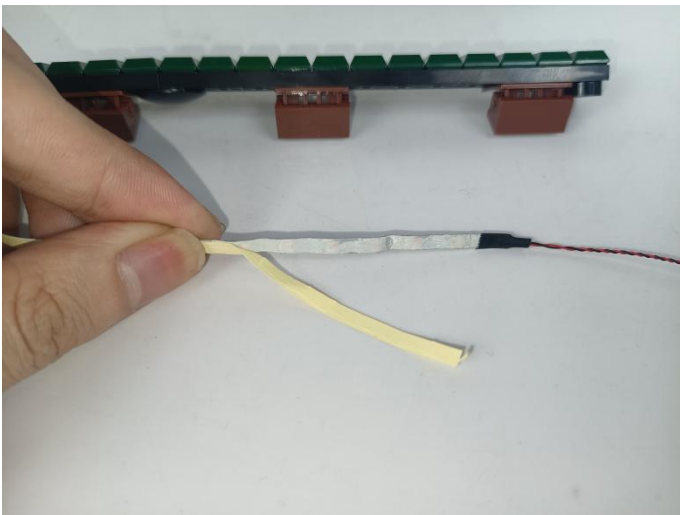
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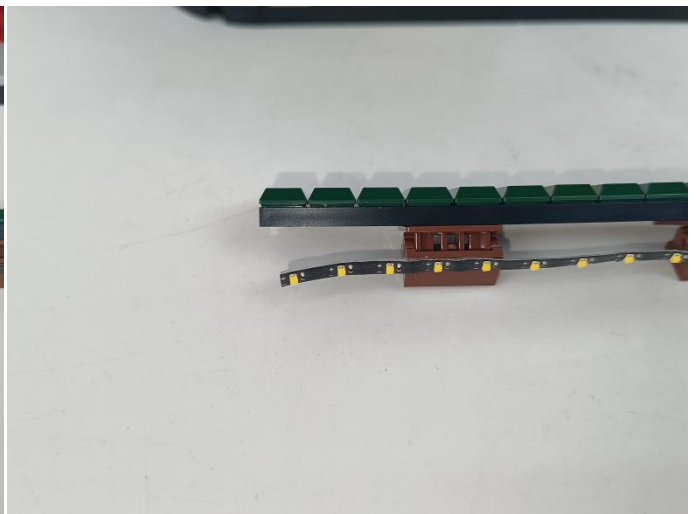
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LED LIGHT
LIGHTING KIT

A01023
High-Brightness Light
30CM-Warm White

LIGHTING COMPONENT
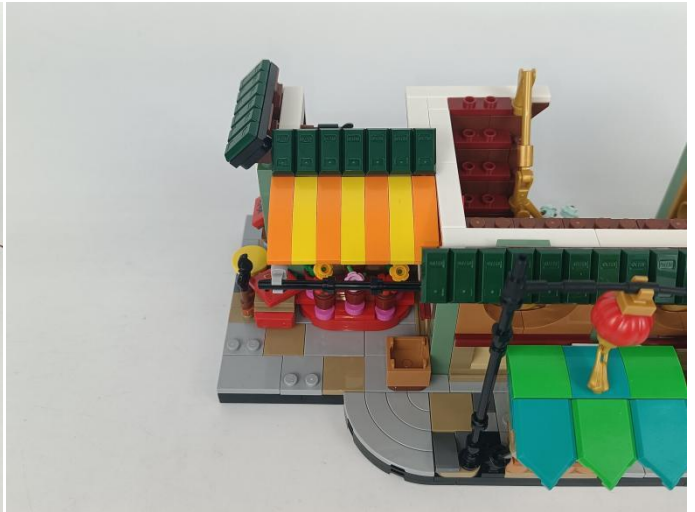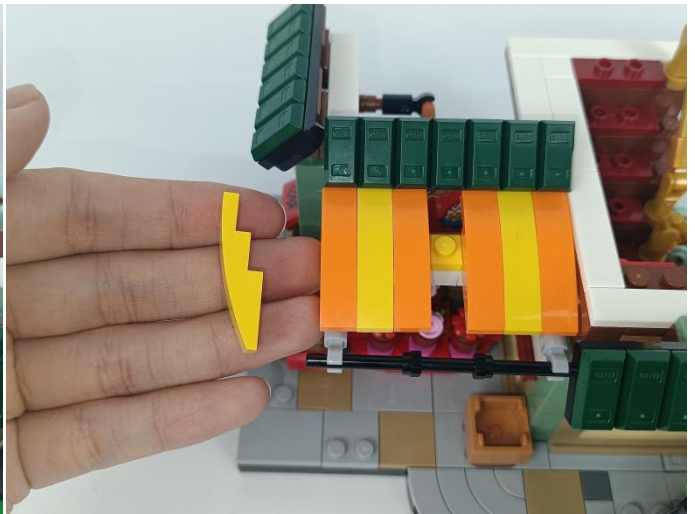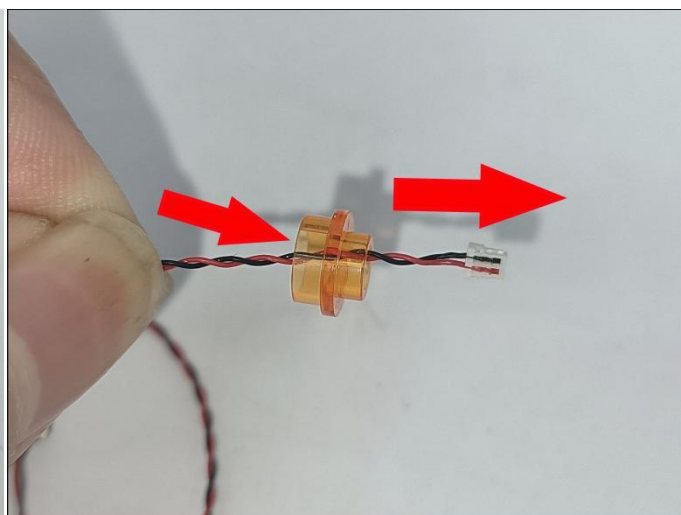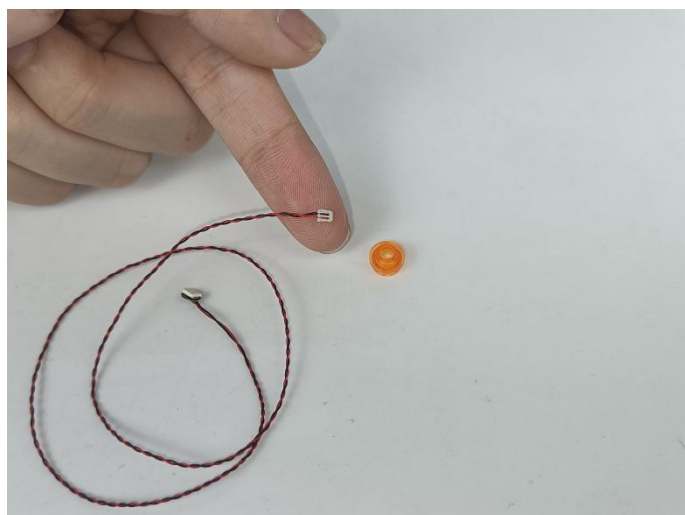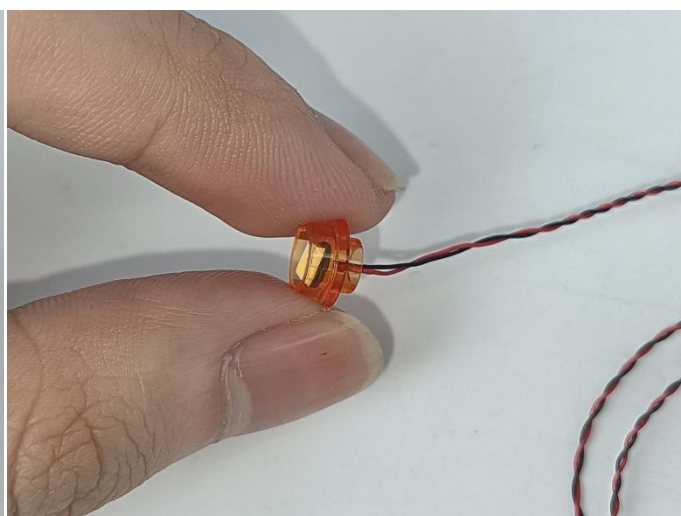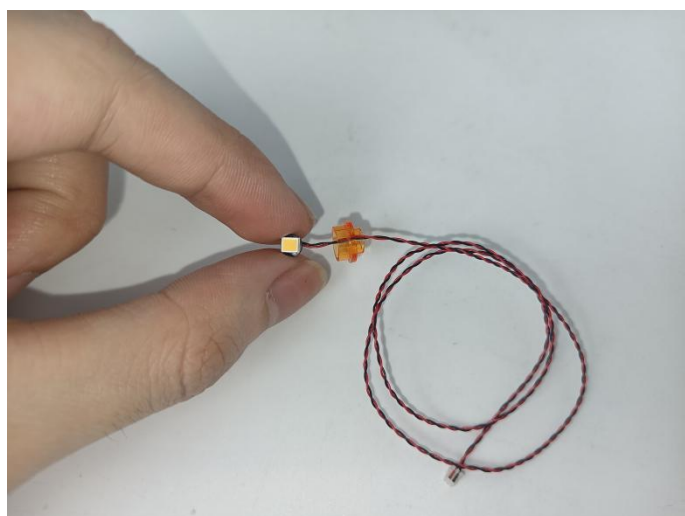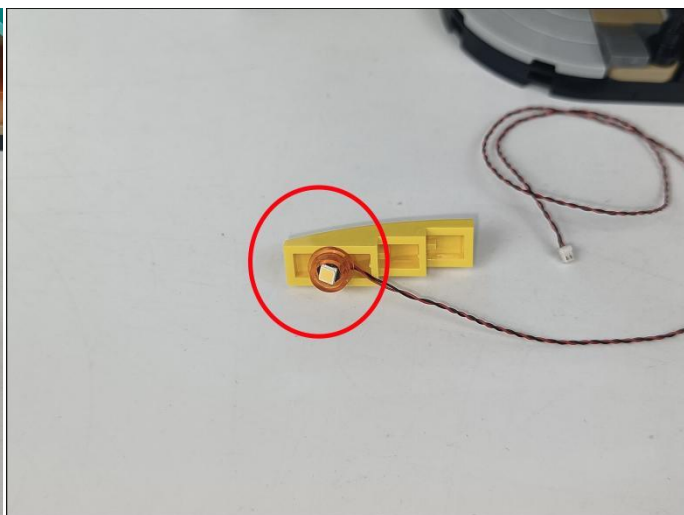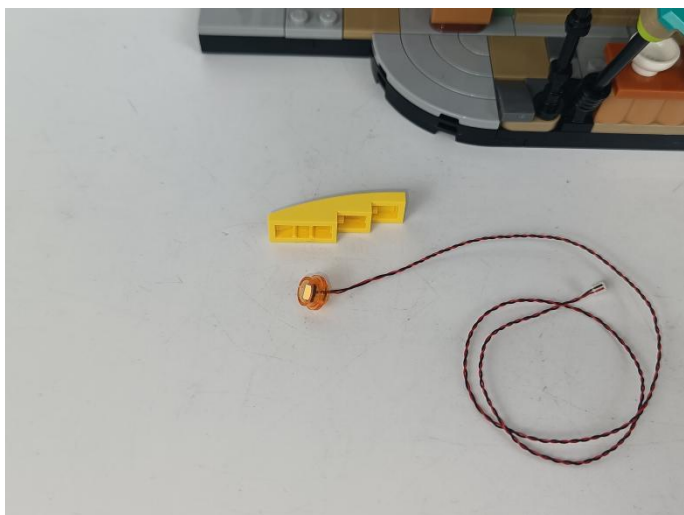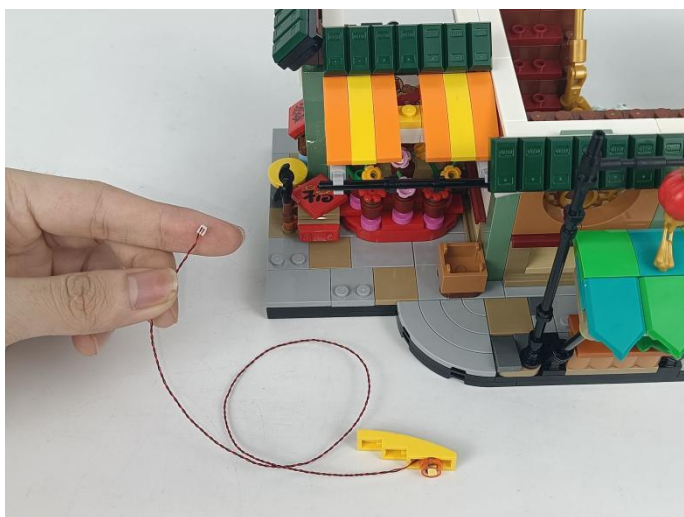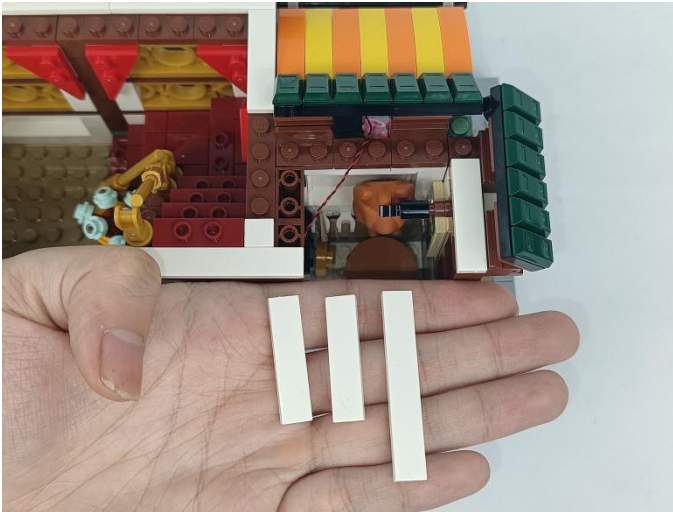
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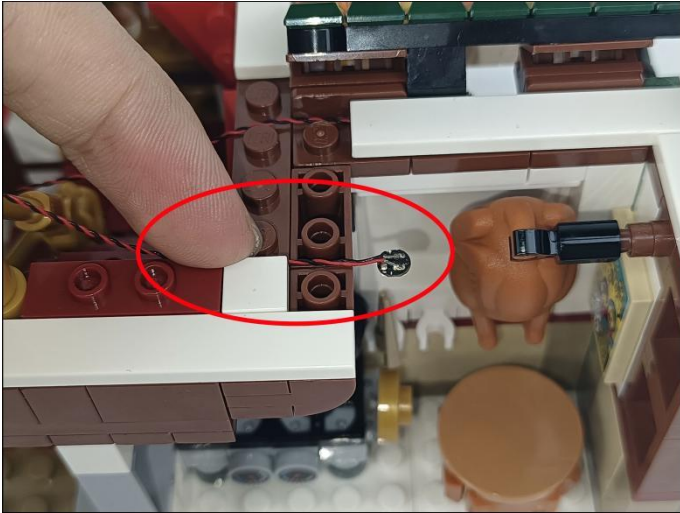
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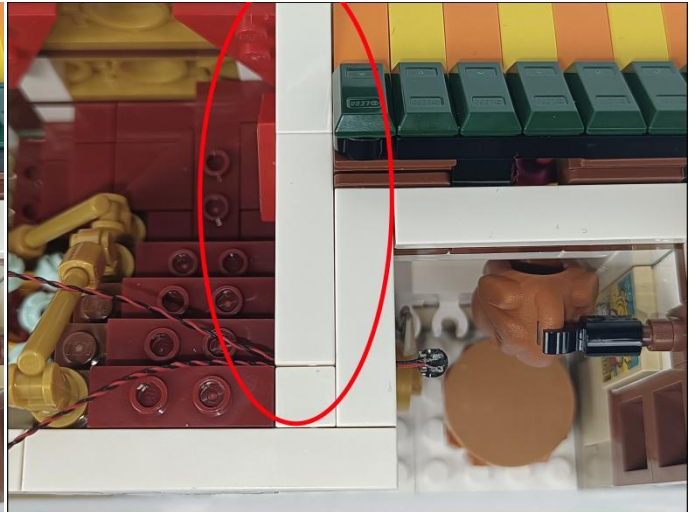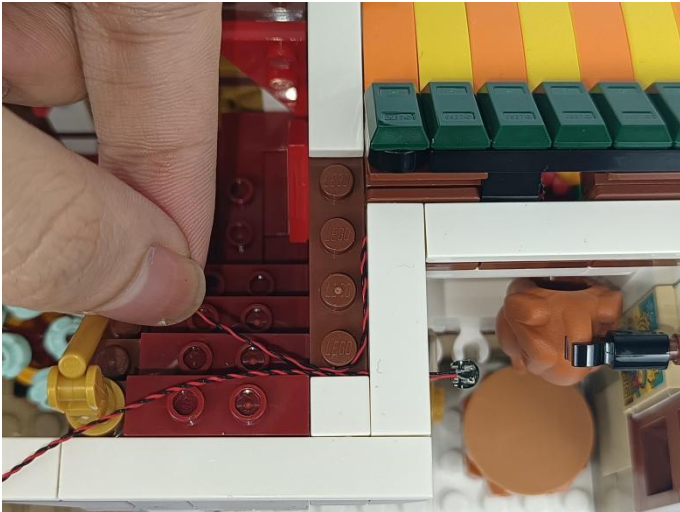
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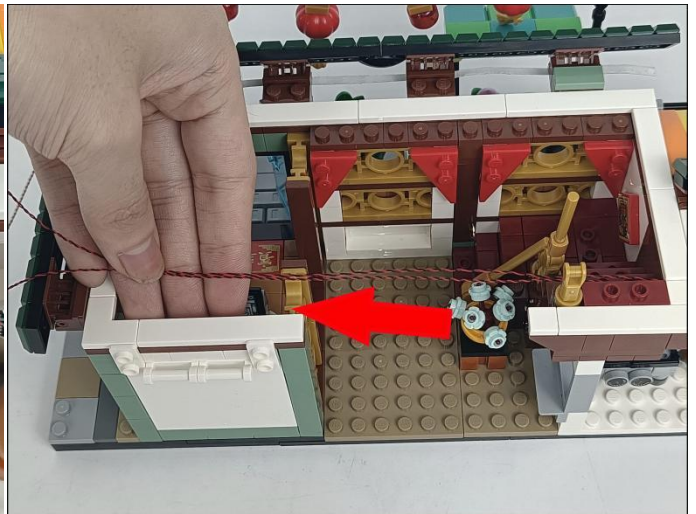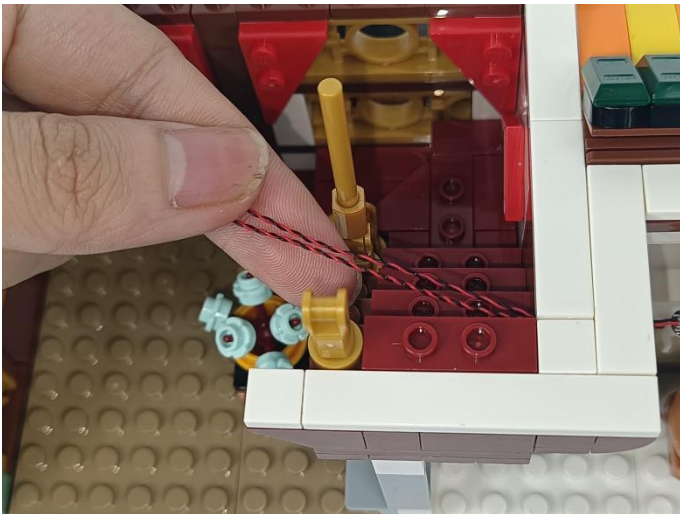
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LIGHTING COMPONENT
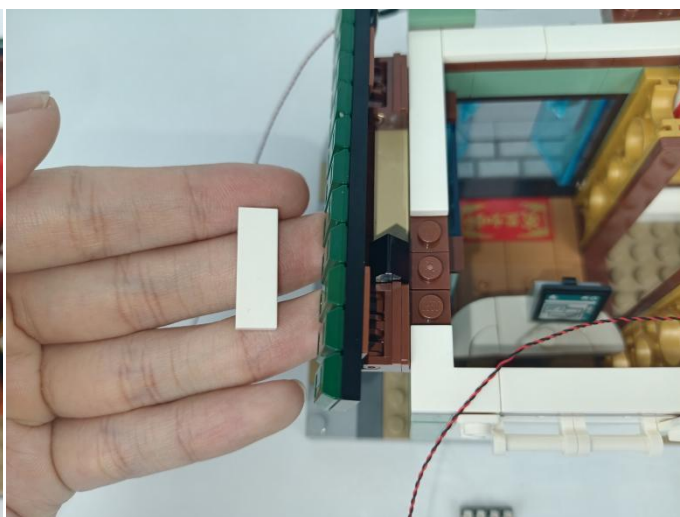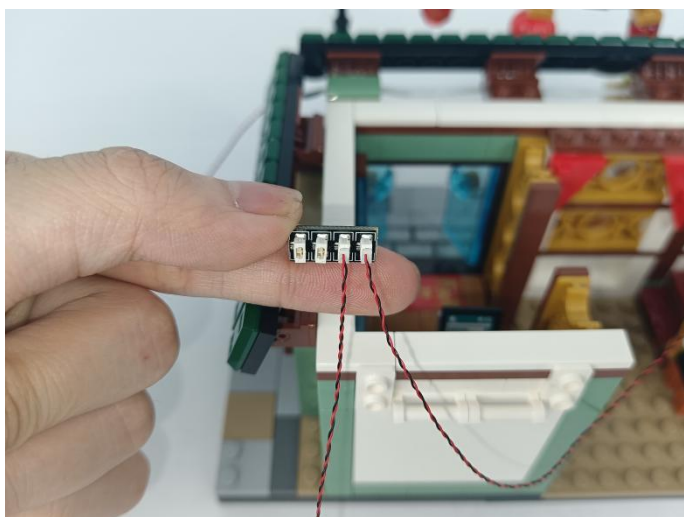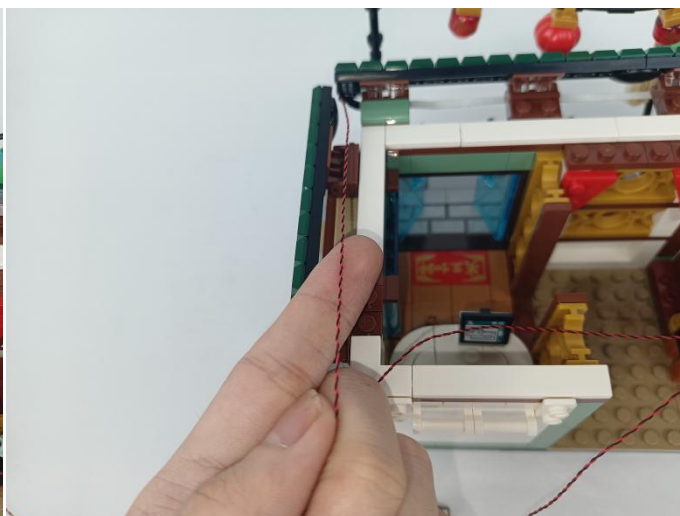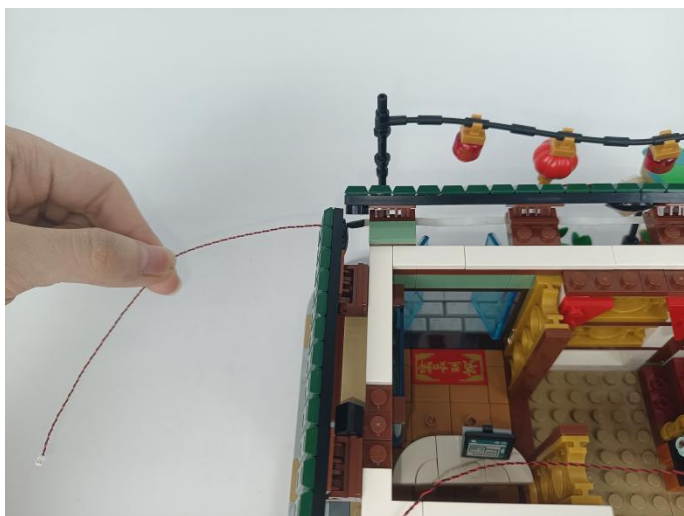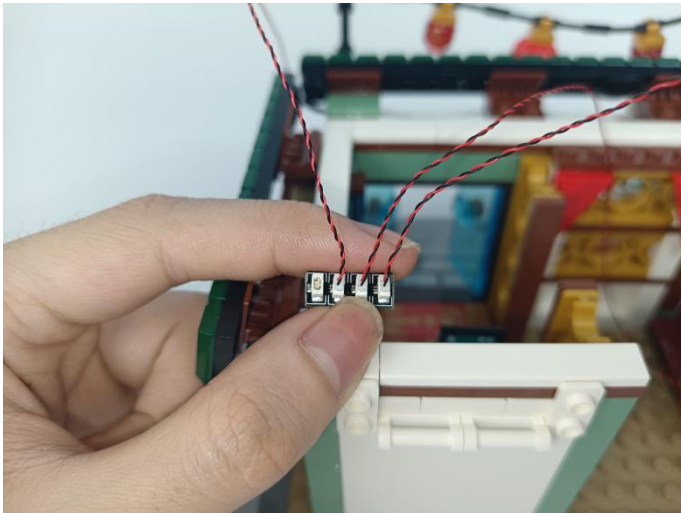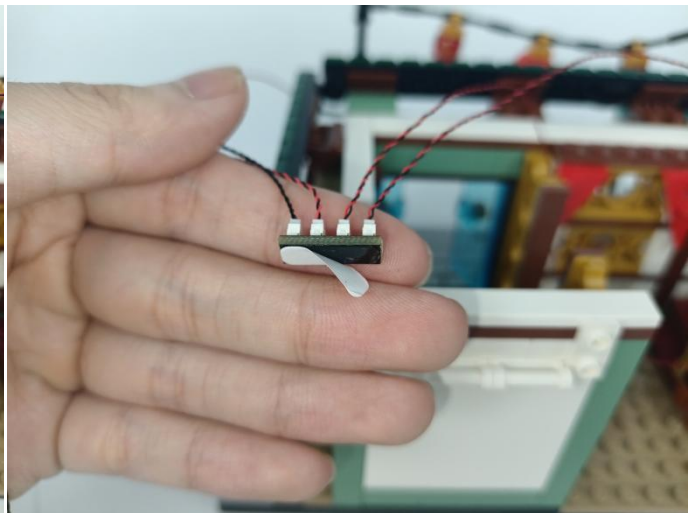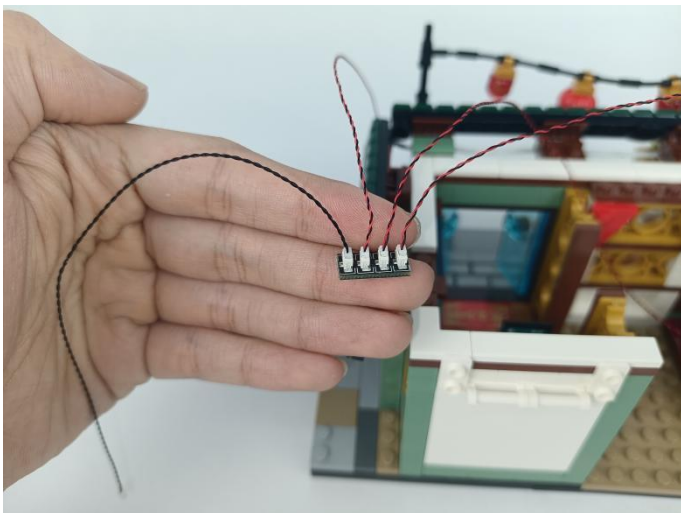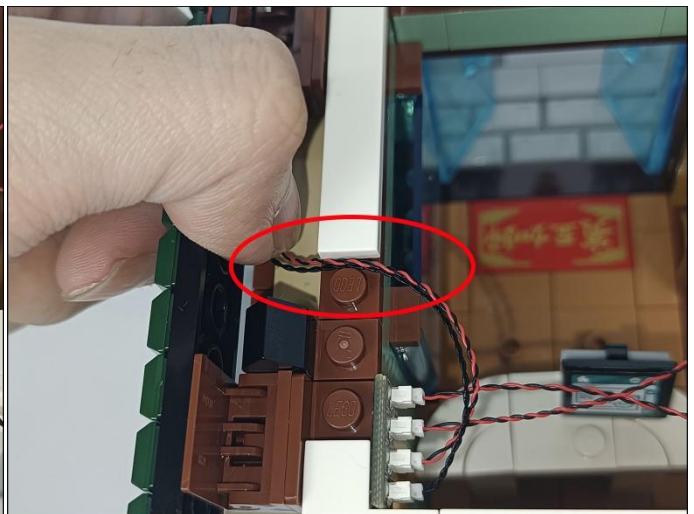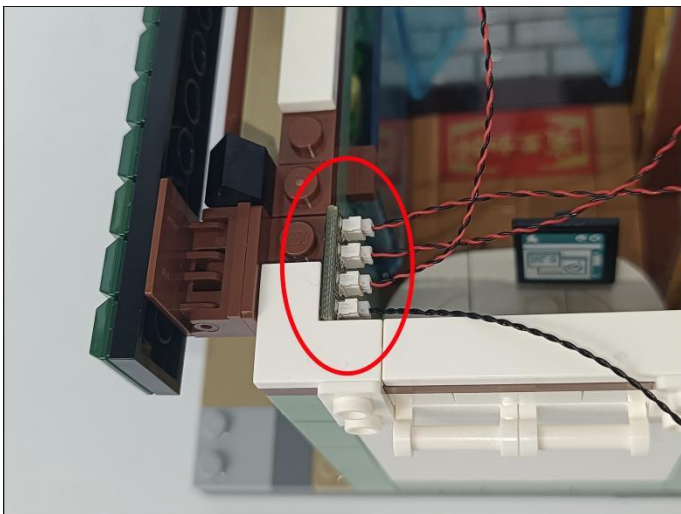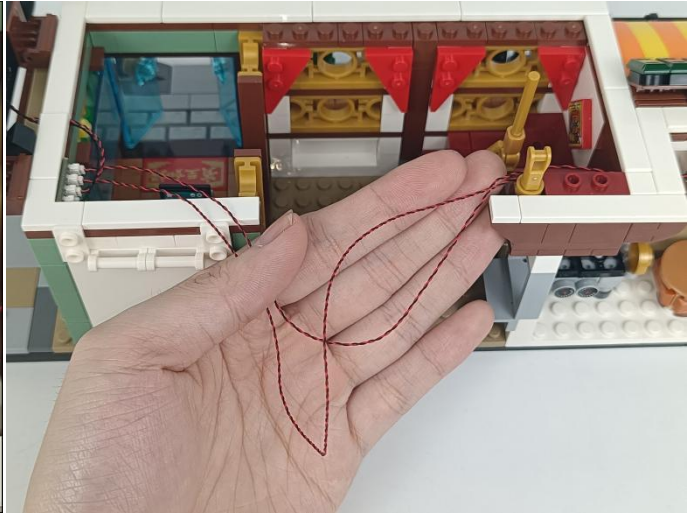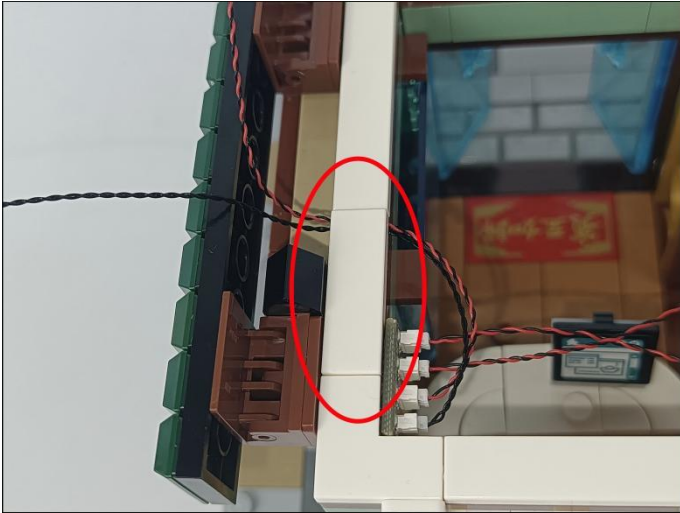
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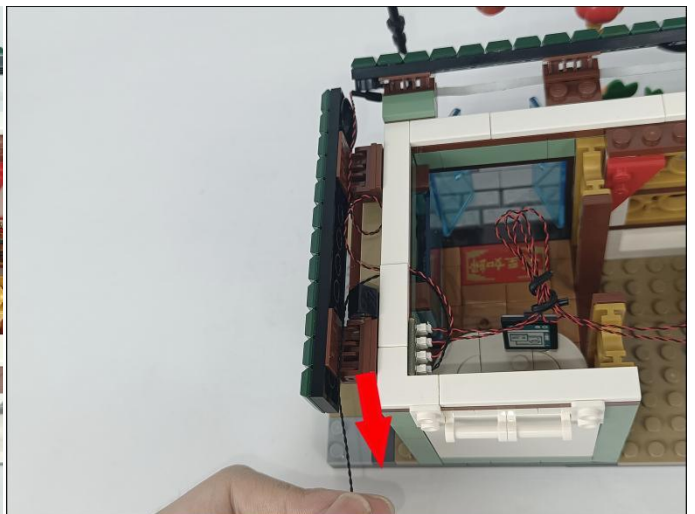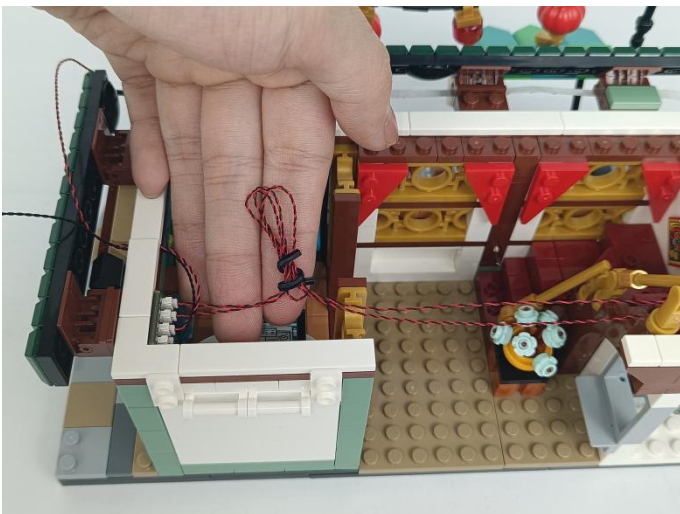
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A1037
High-Brightness Light
15CM-Cyan
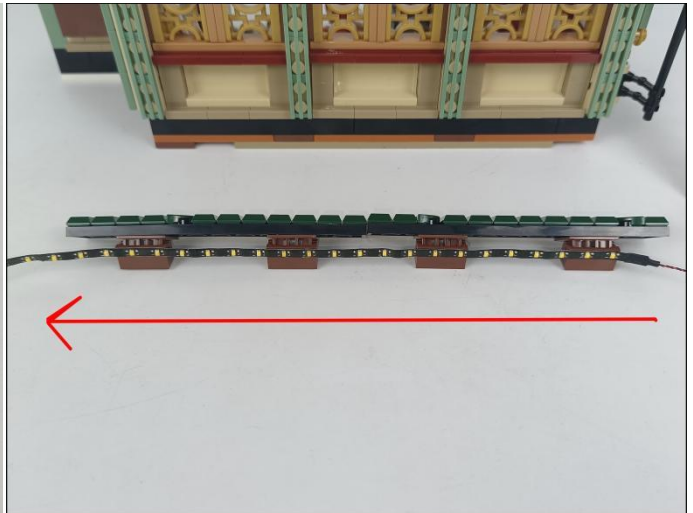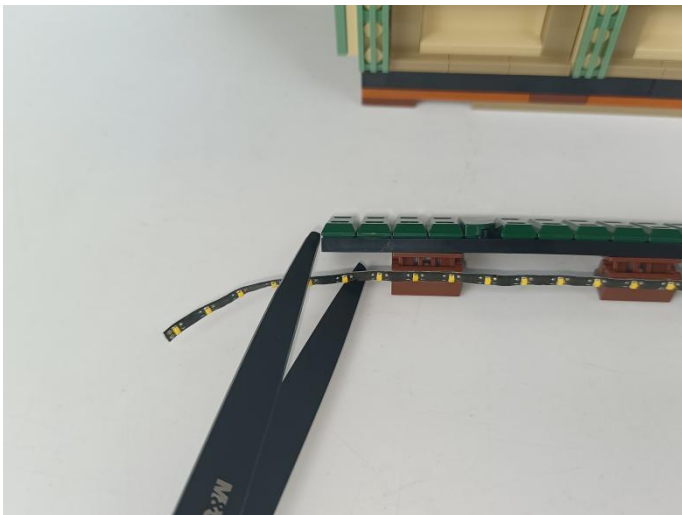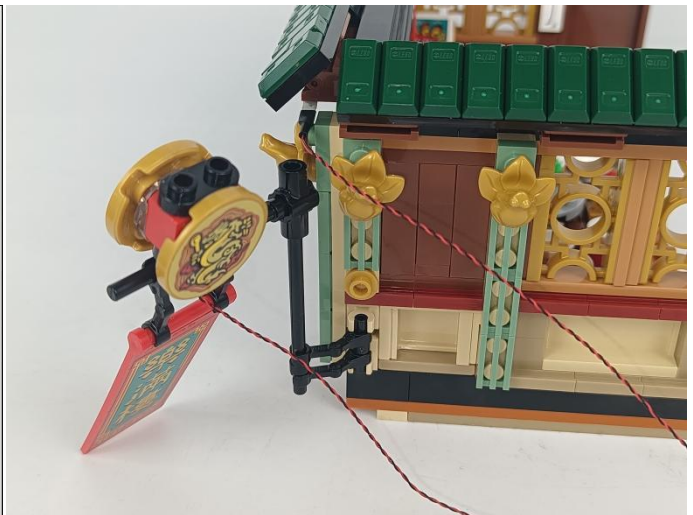
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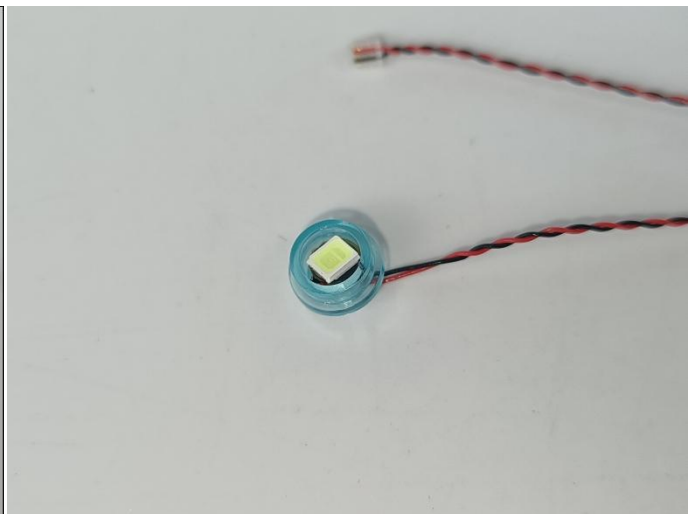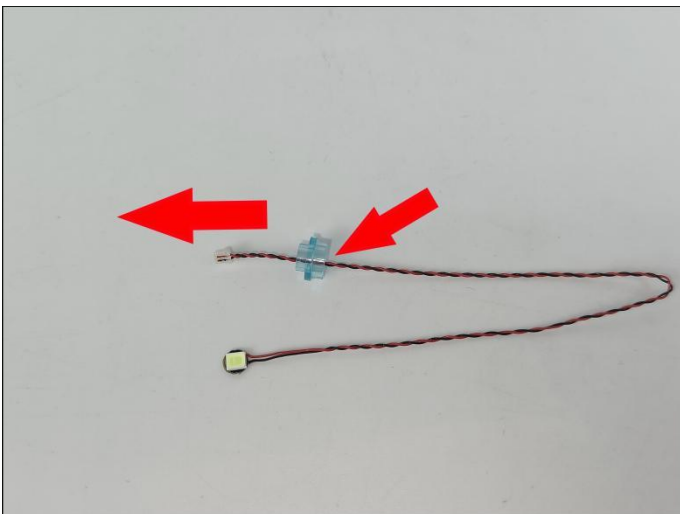
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A02506
Light Strip-Warm White

LIGHTING COMPONENT
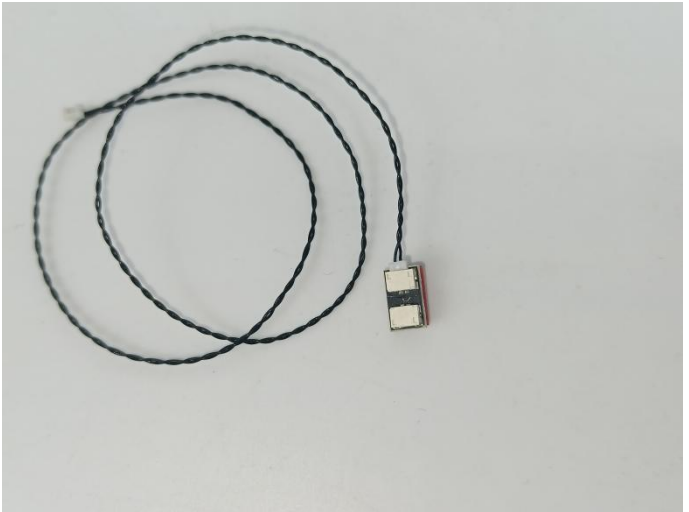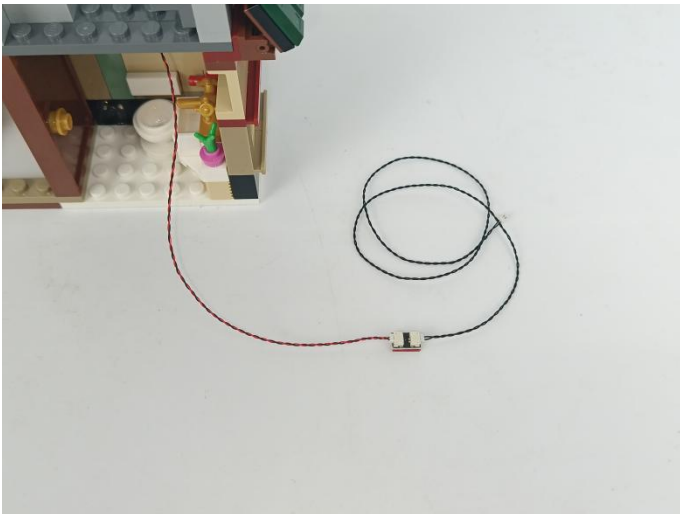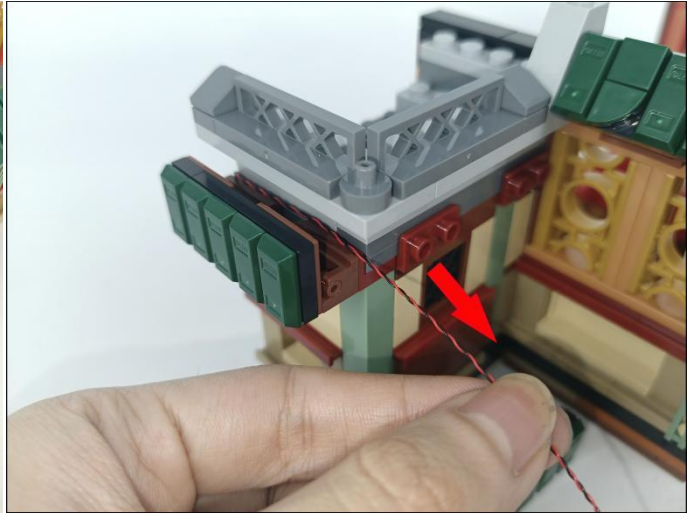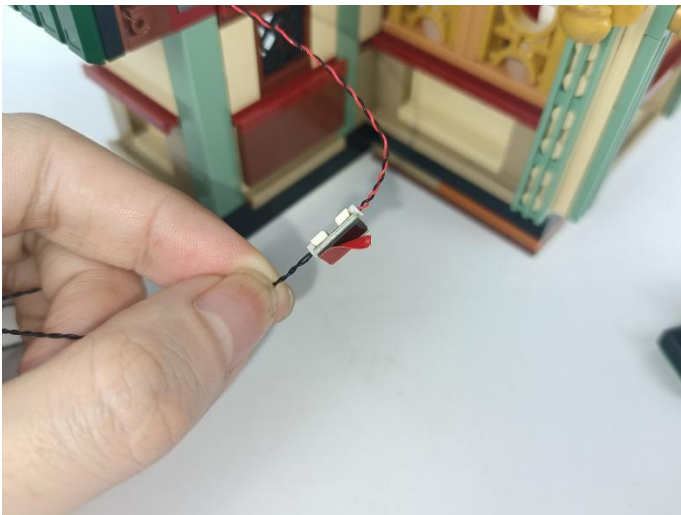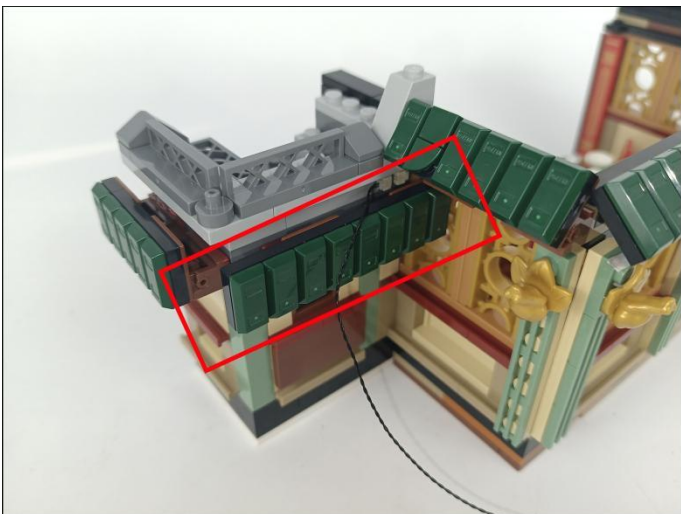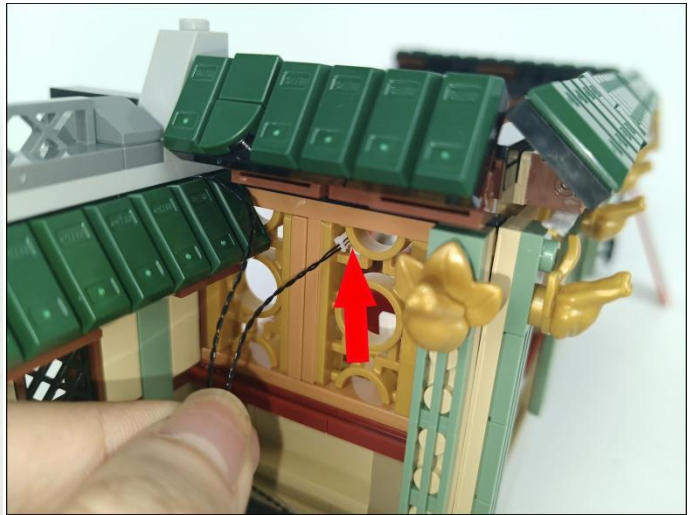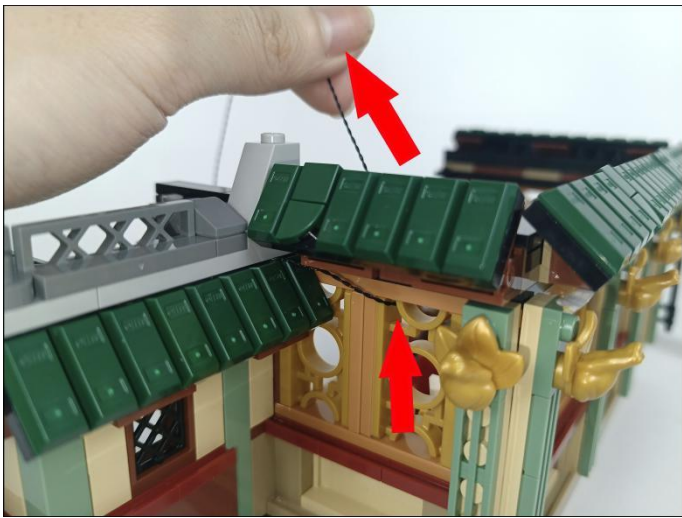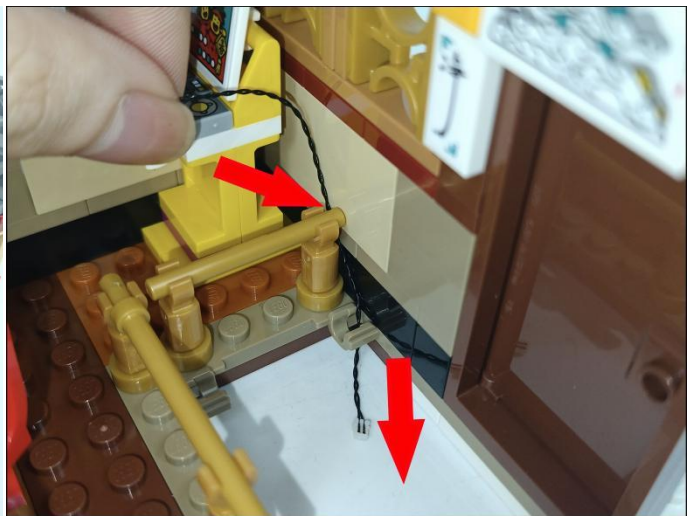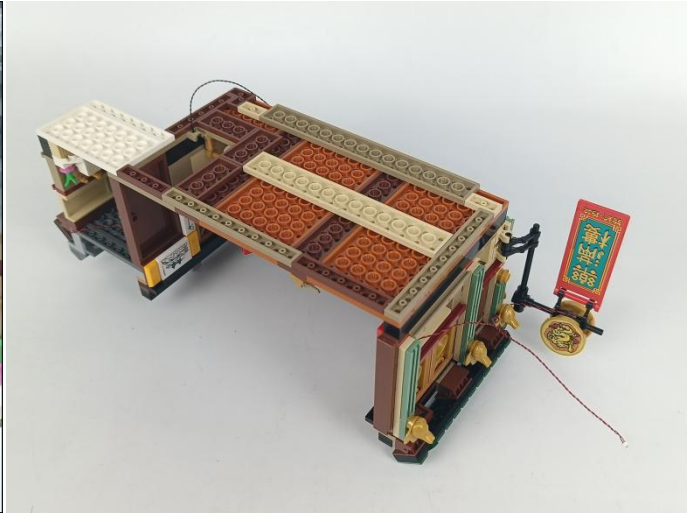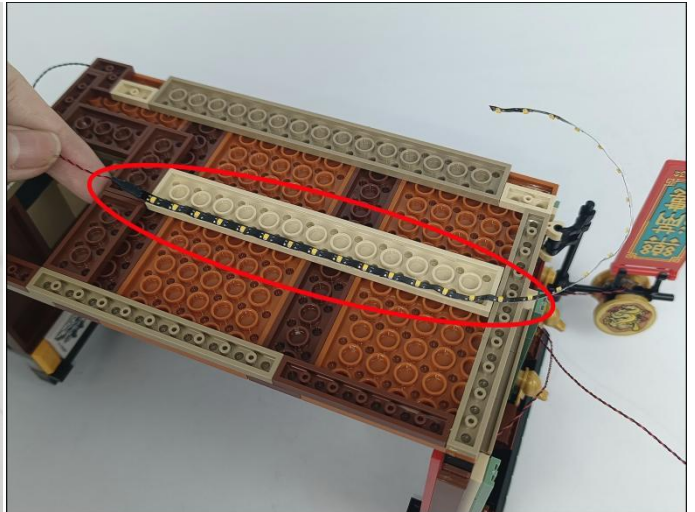
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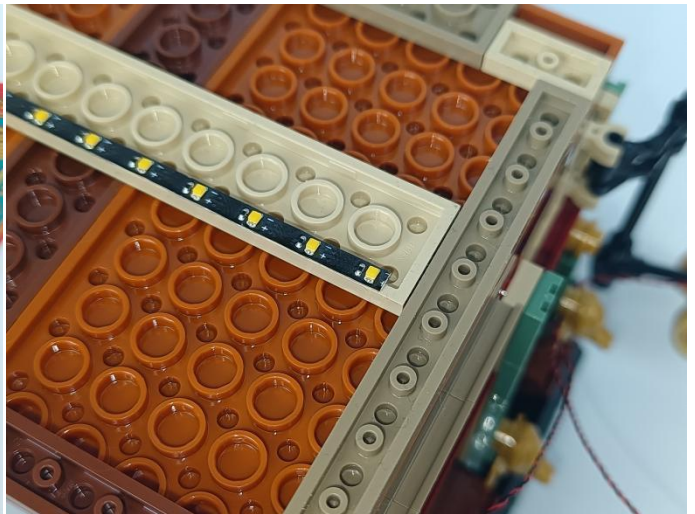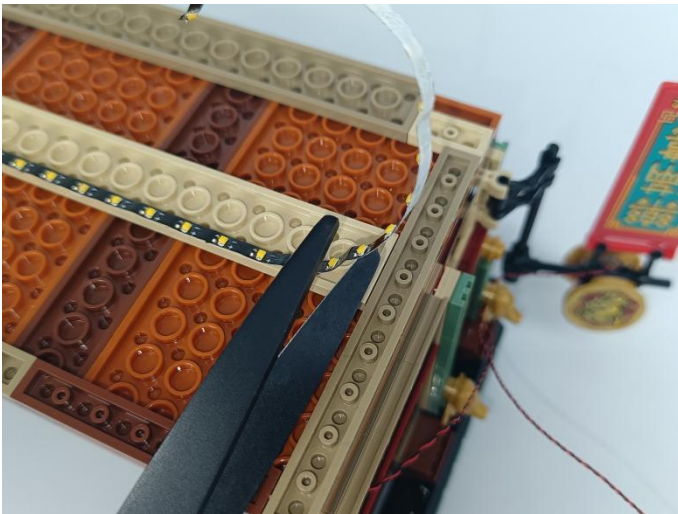
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LED LIGHT
LIGHTING KIT
★★★★★

A02506
Light Strip-Warm White

LIGHTING COMPONENT
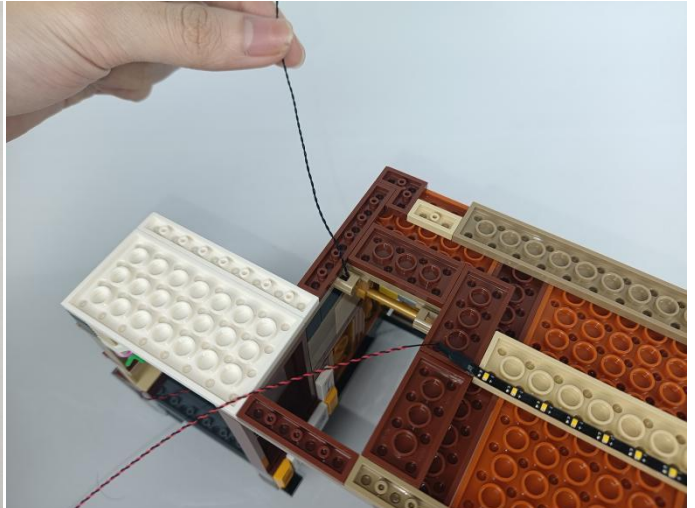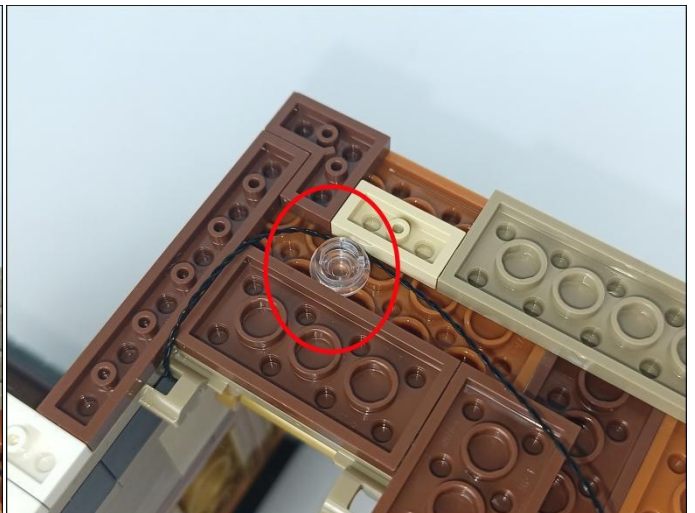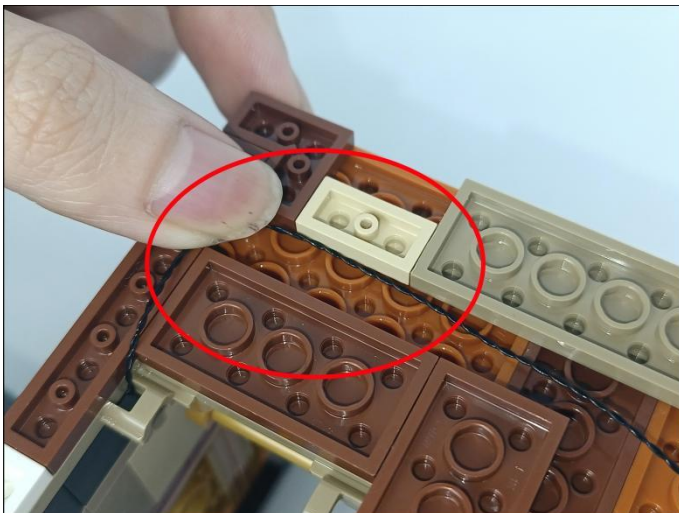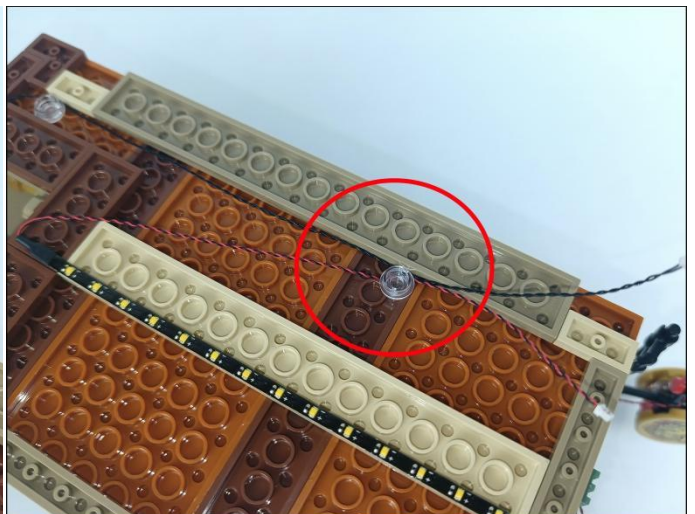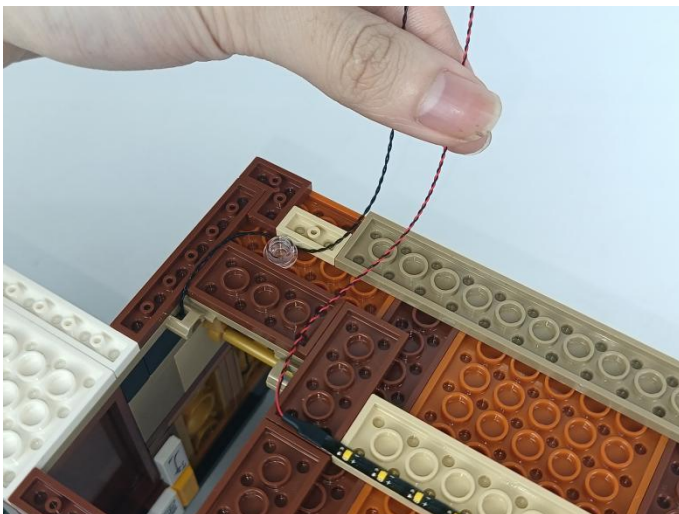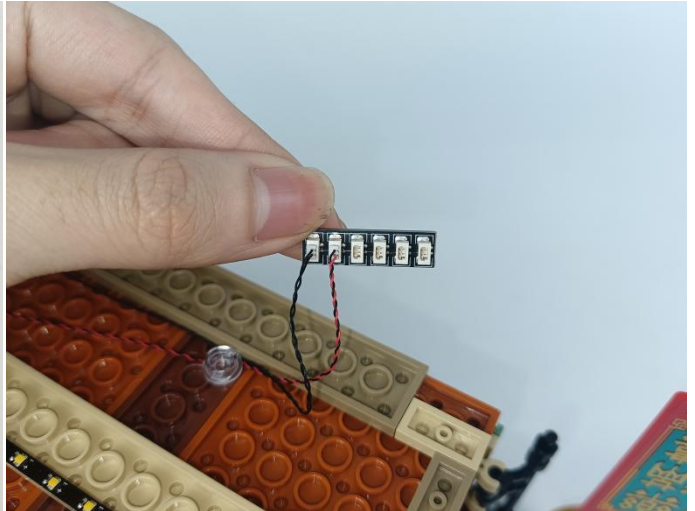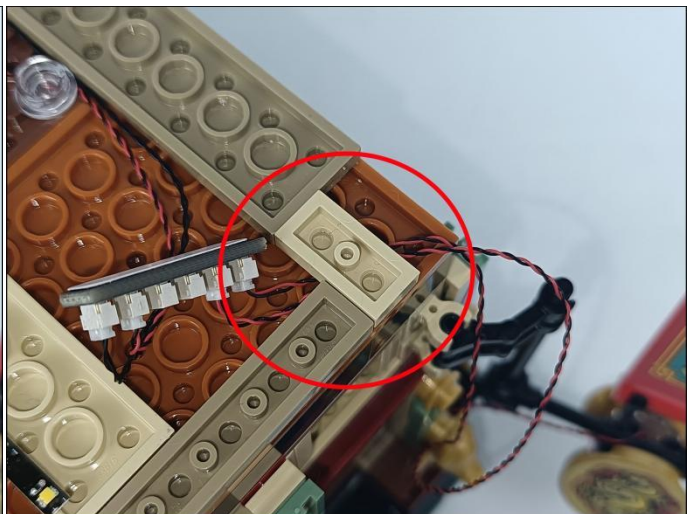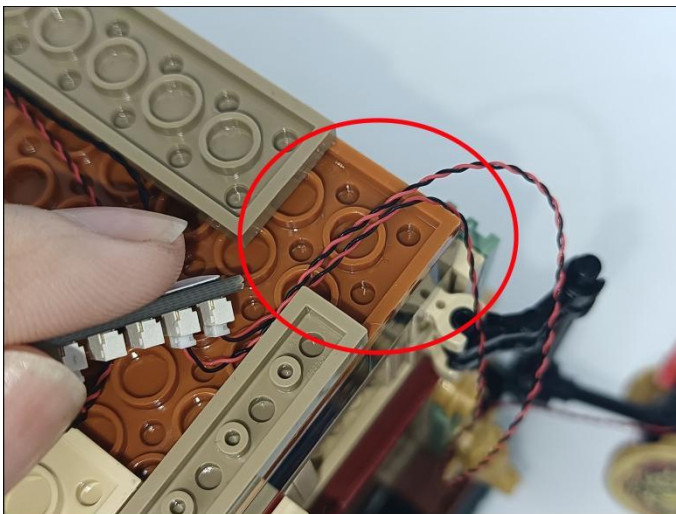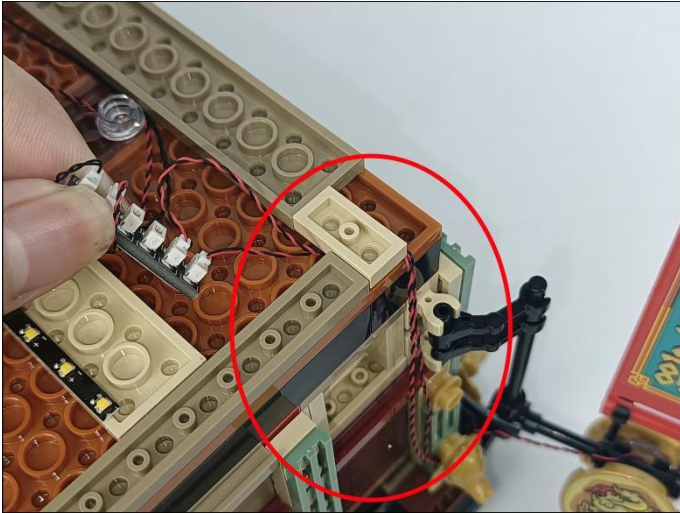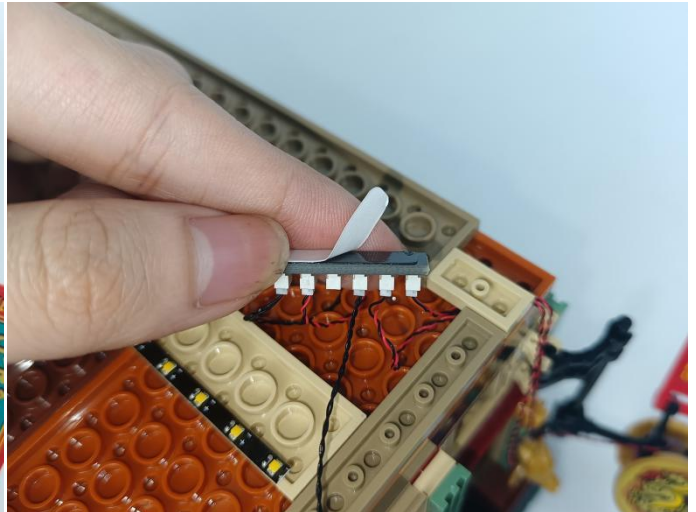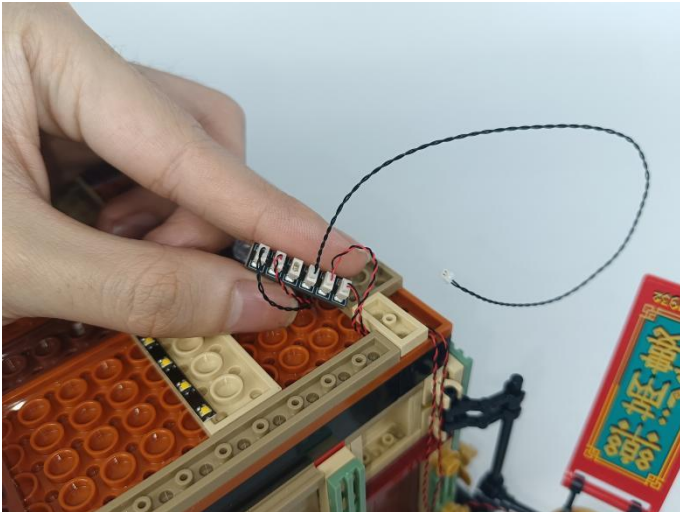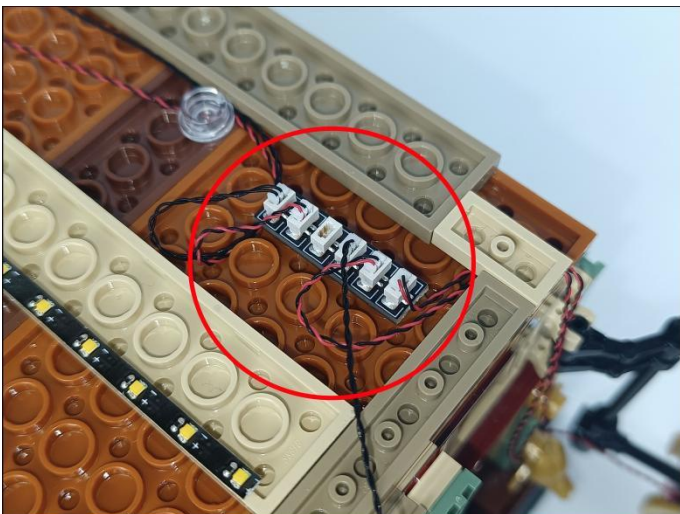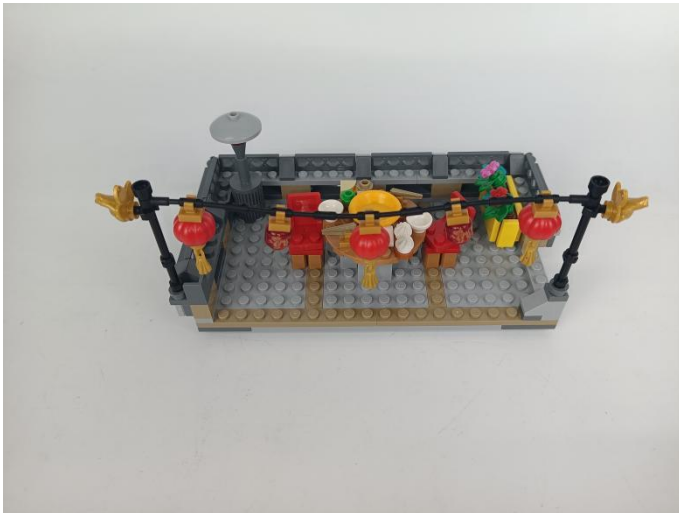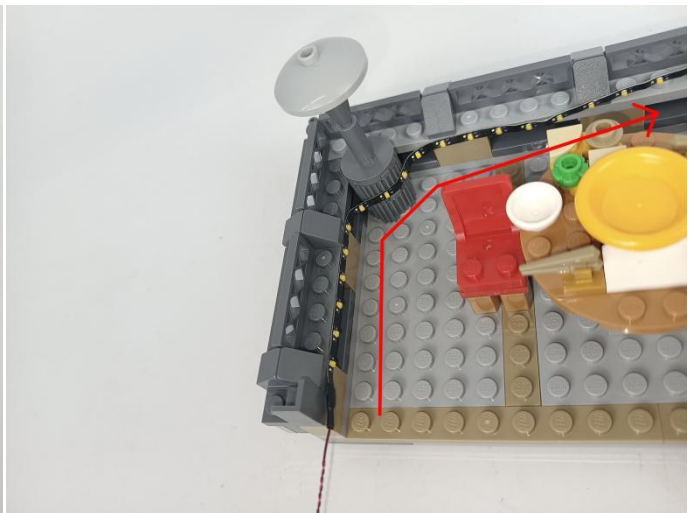
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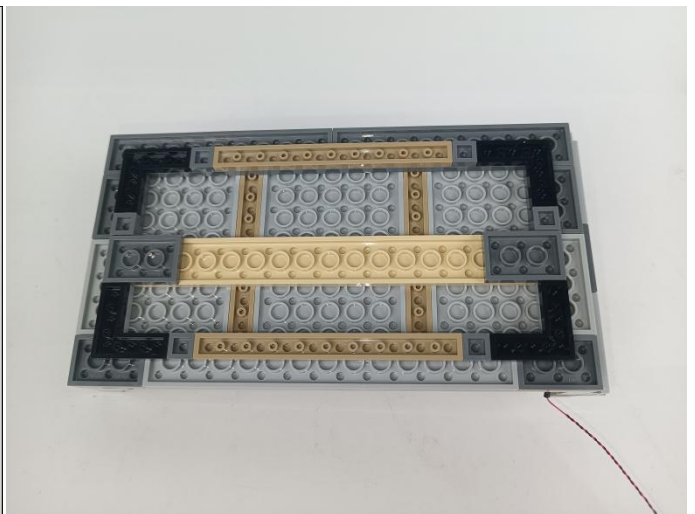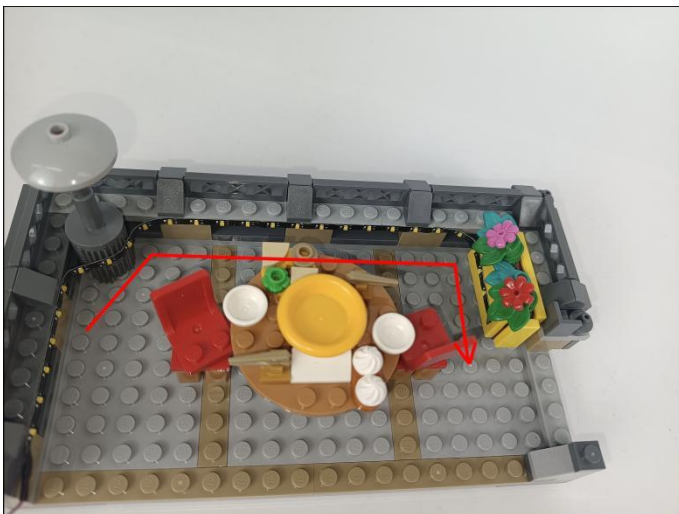
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A1031
High-Brightness Light
15CM-Red

LIGHTING COMPONENT
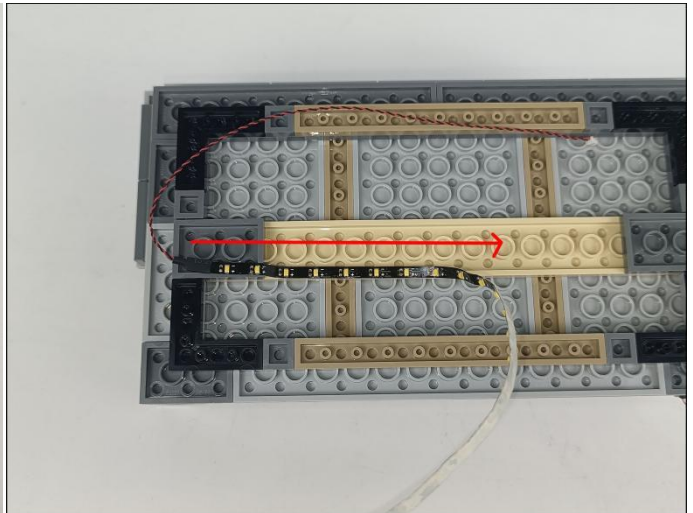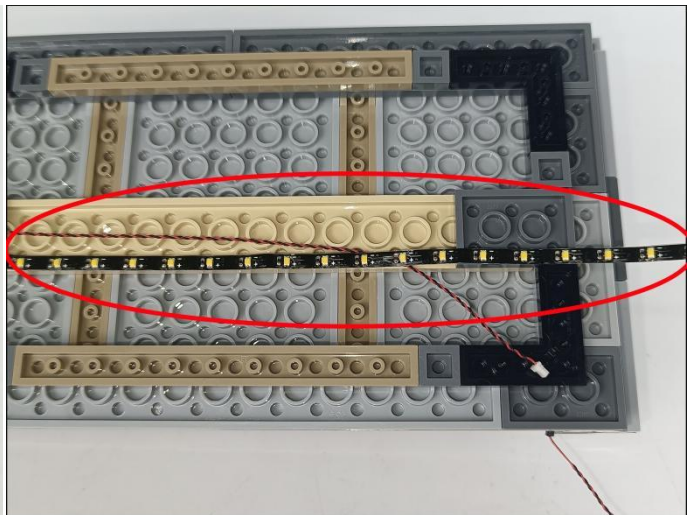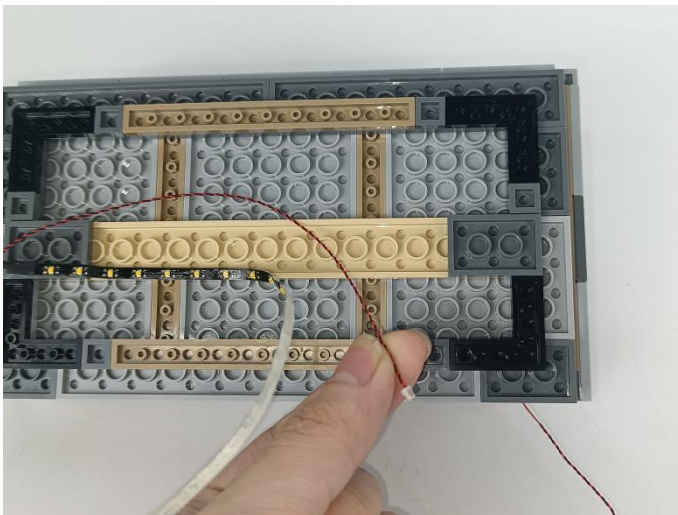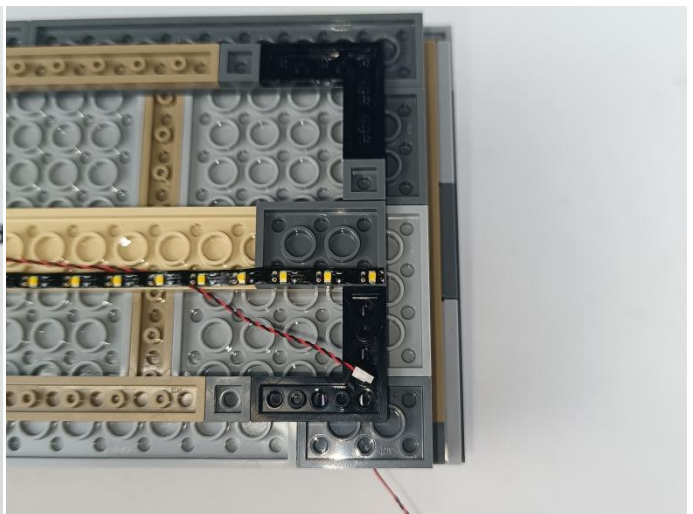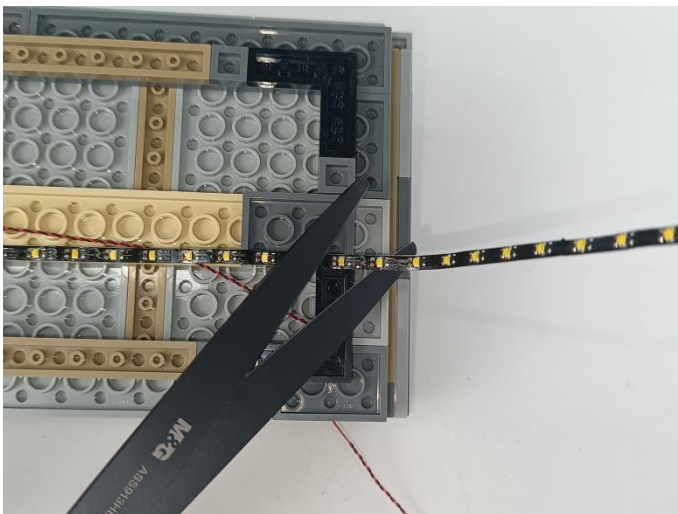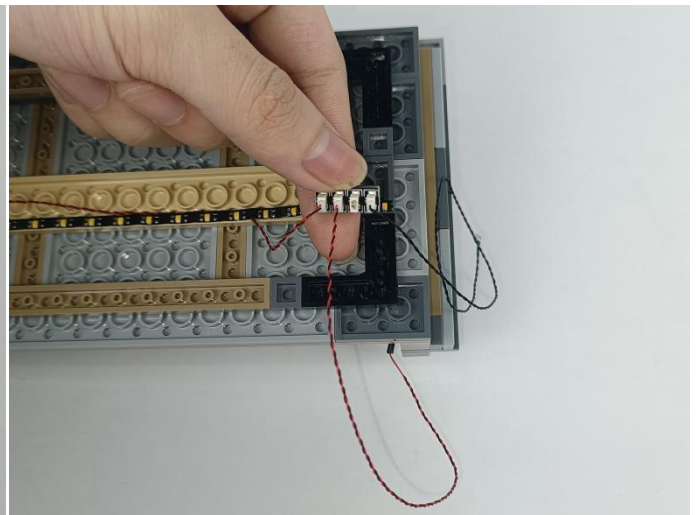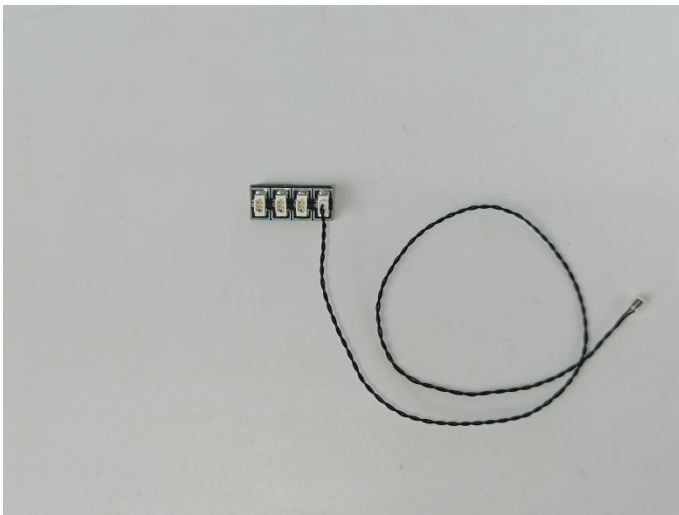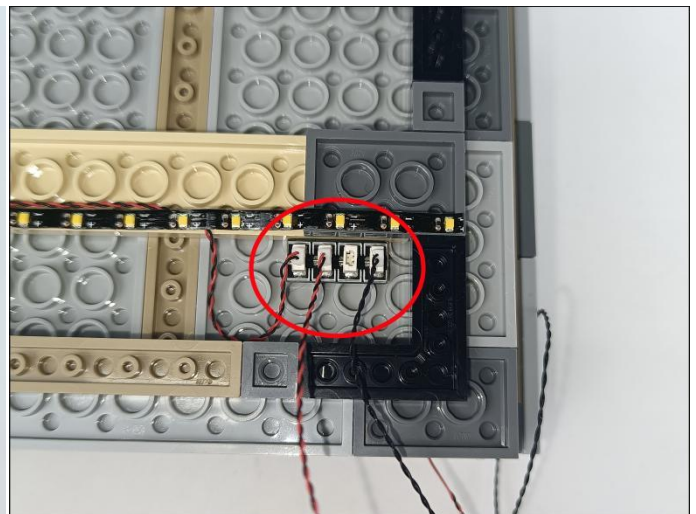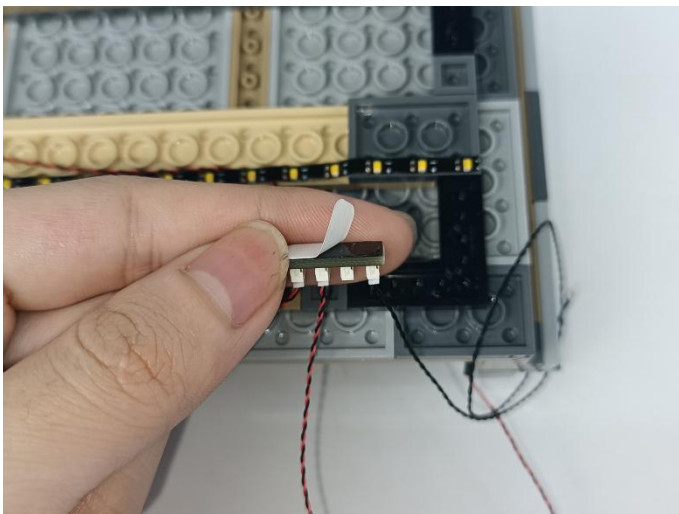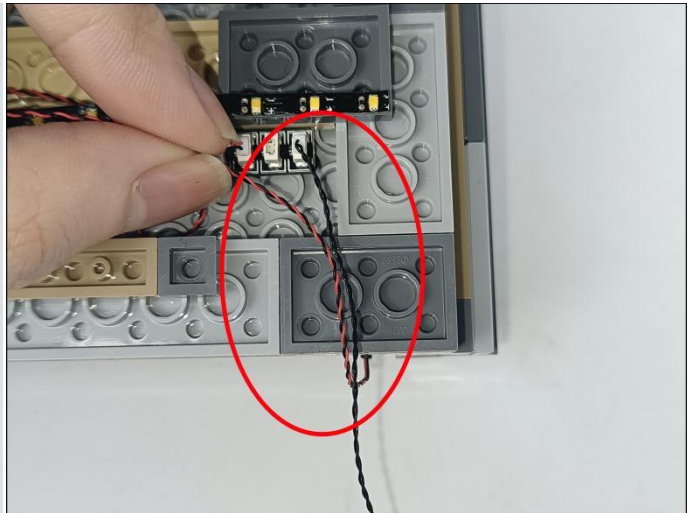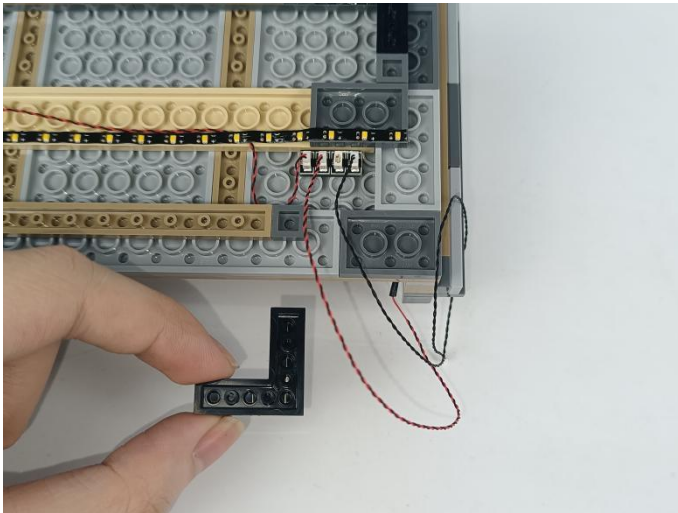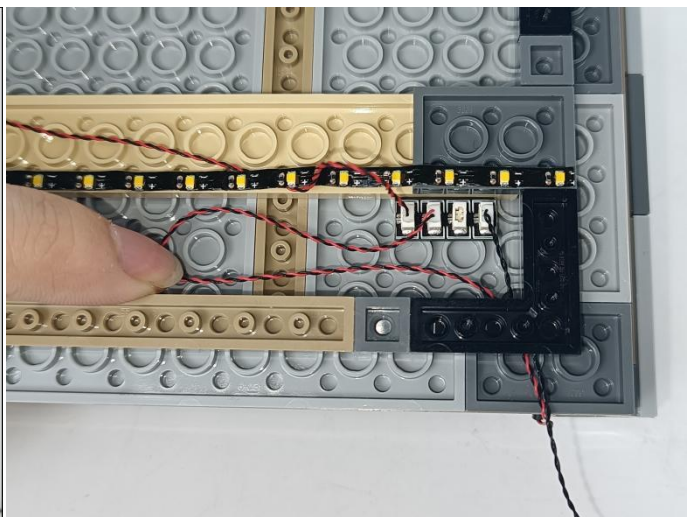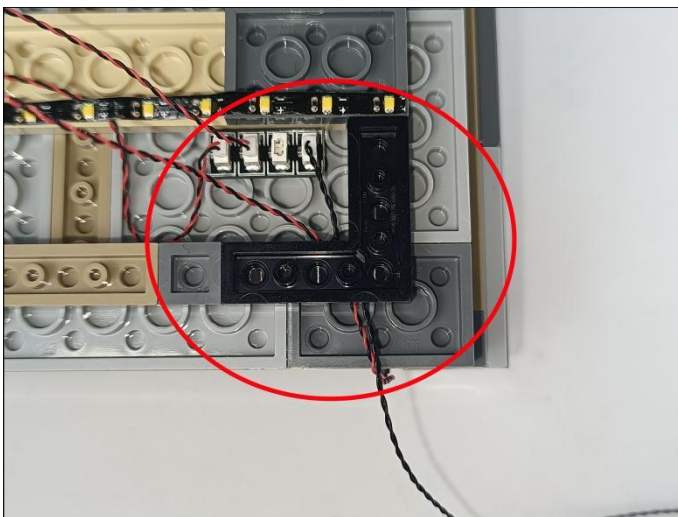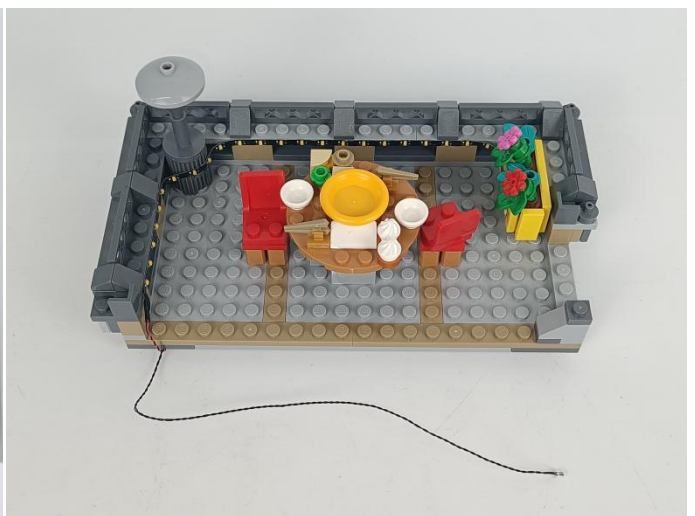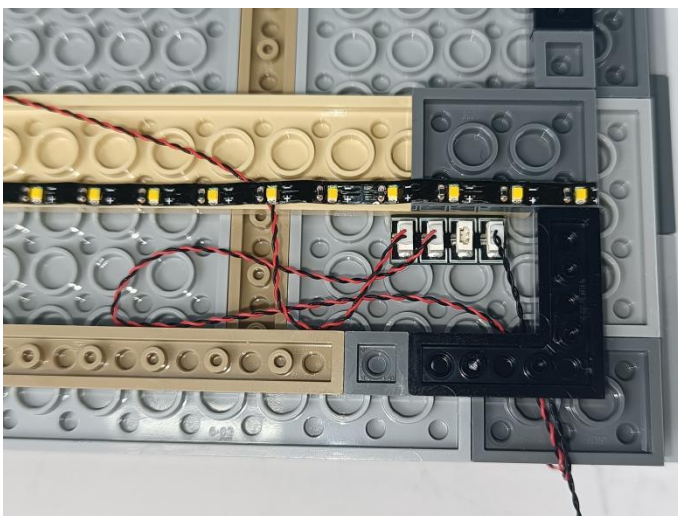
81

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Tips

The plate without slit:

The plate without slit:
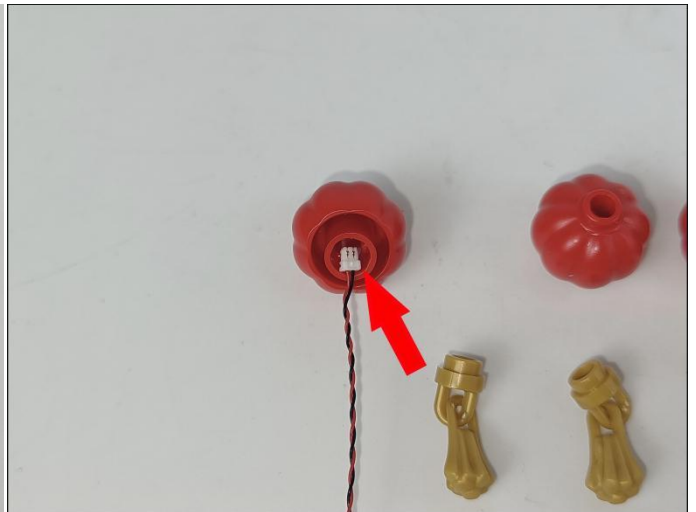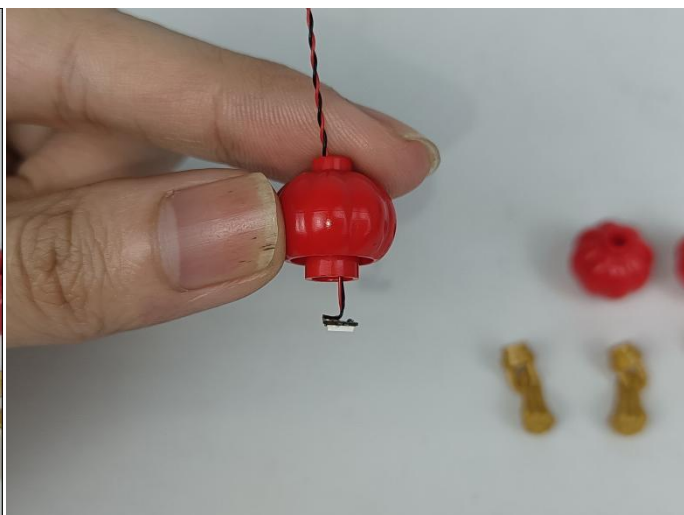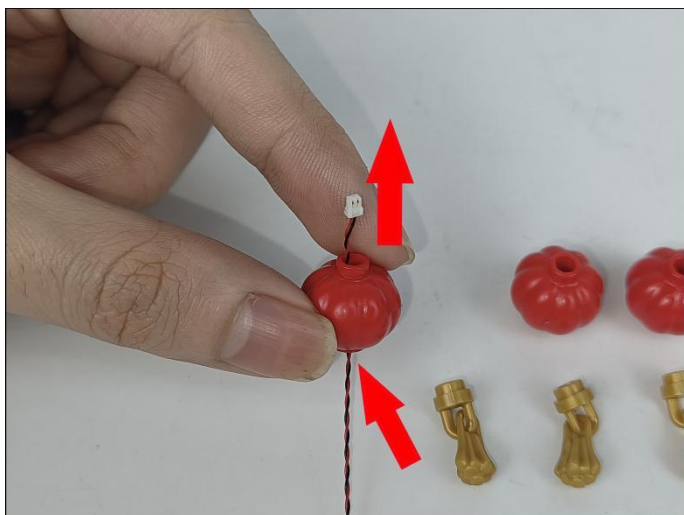The squeeze causes the protective layer of the wire to be torn apart, the positive and negative wires touch together, and the set is short-circuited and the hot or wire is crushed, the wire to be disconnected and don't work.
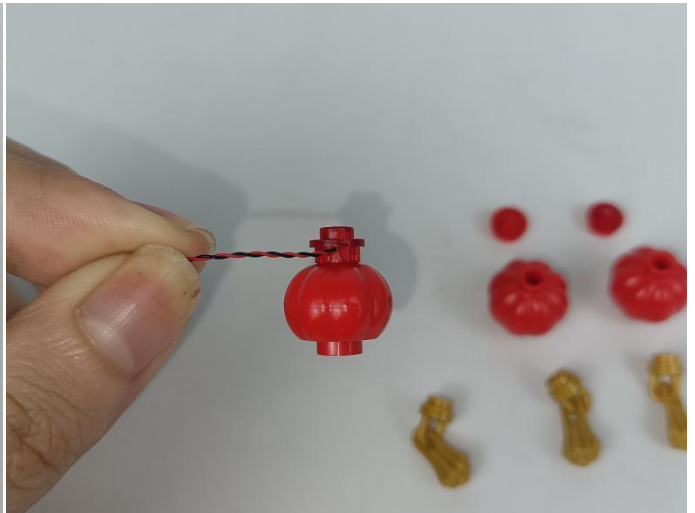
The plate with slit:

The plate with slit:
The wire has enough space to avoid being squeezed endowed with longer service life and more stable effect.

The slit on the the plate round 1X1 are hand-made to avoid squeeze the wire and cause short circuit and abnormalheat during installation.
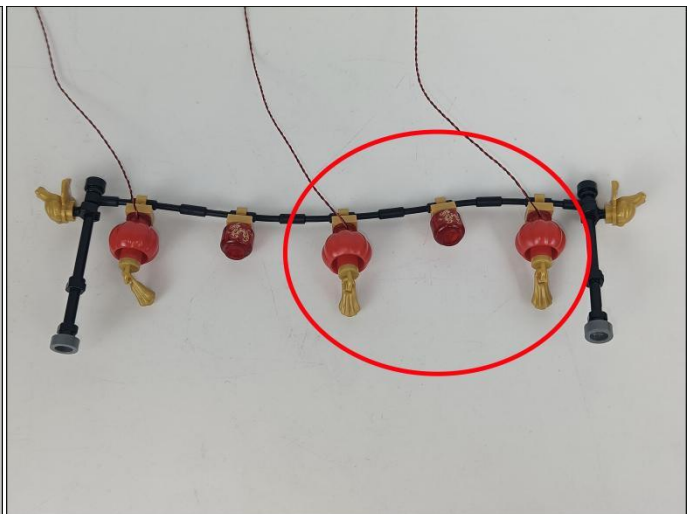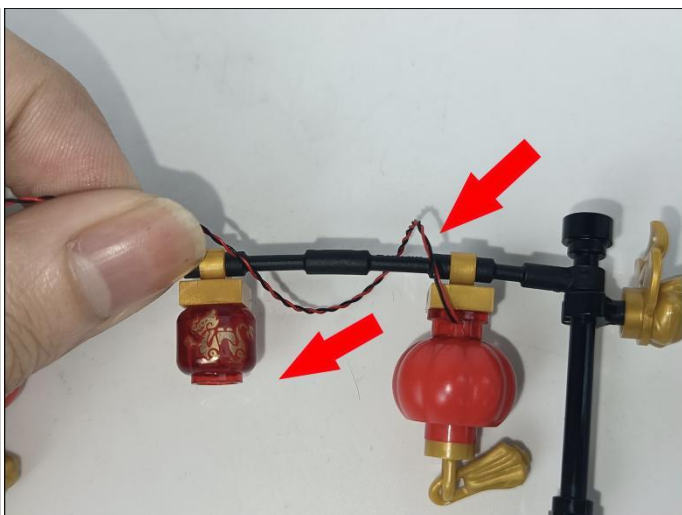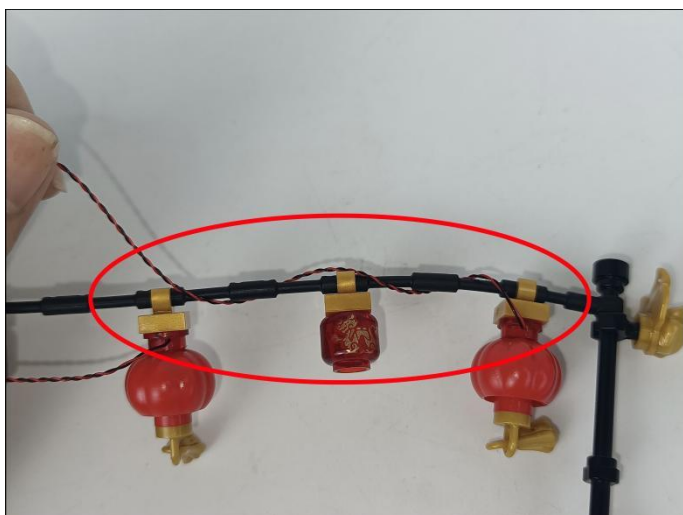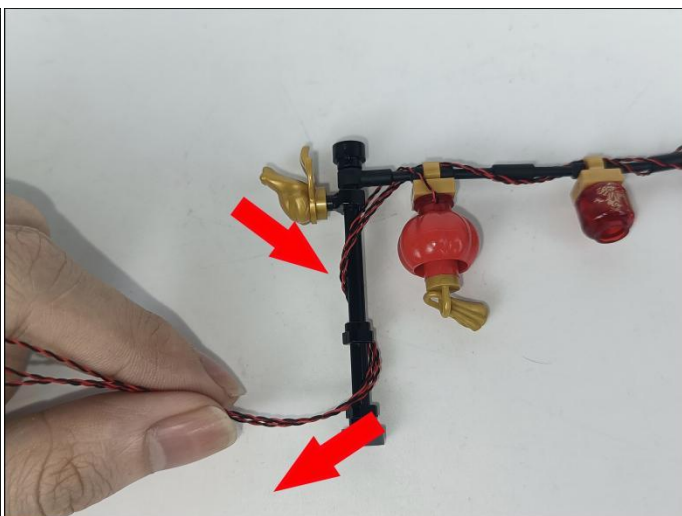
84

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A1032
High-Brightness Light
30CM-Red

LIGHTING COMPONENT

86

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A012
Expansion Board
LED LIGHT
LIGHTING KIT
LIGHTING COMPONENT

A01506
Connecting Cable 20CM
LED LIGHT
LIGHTING KIT
LIGHTING COMPONENT

95

96
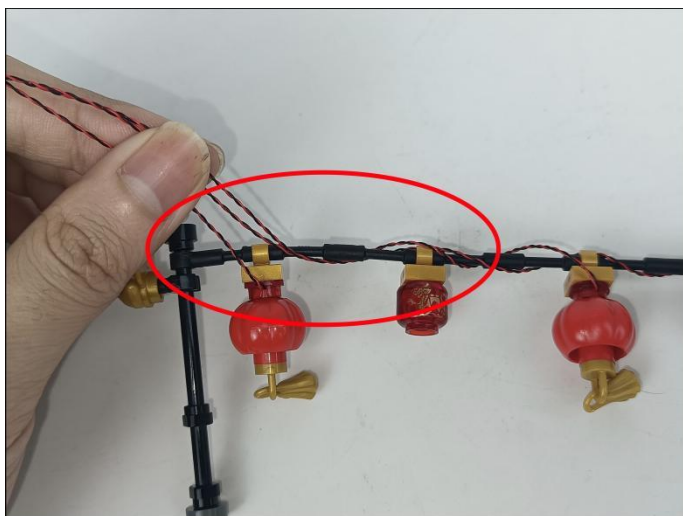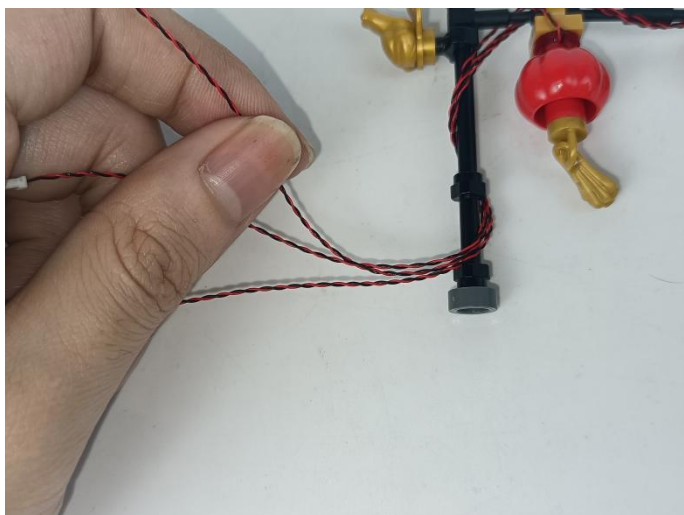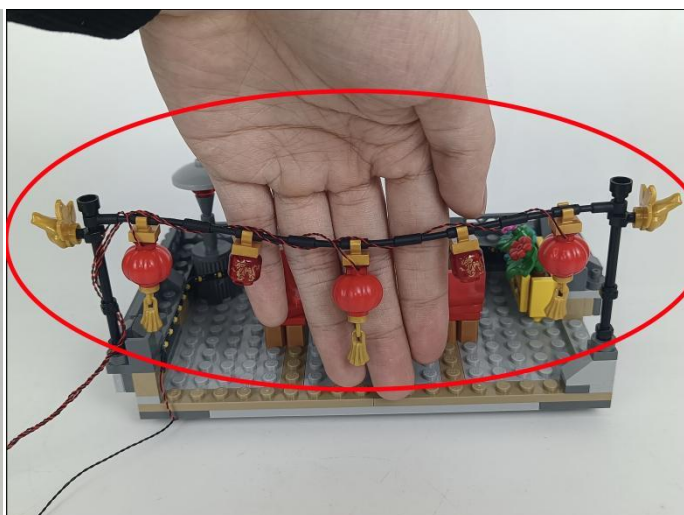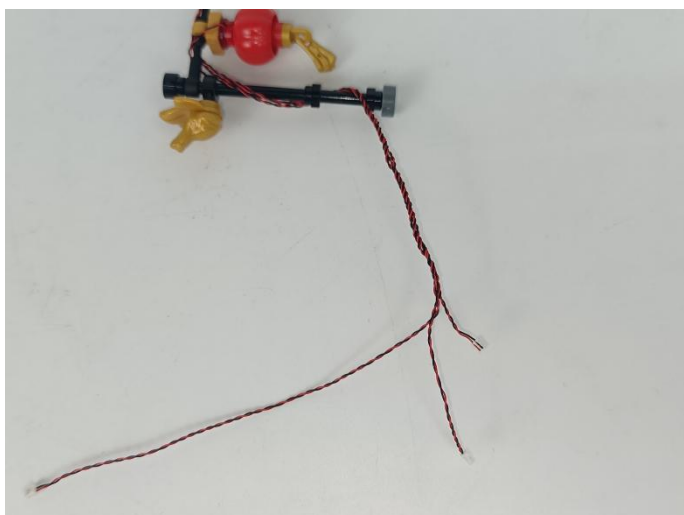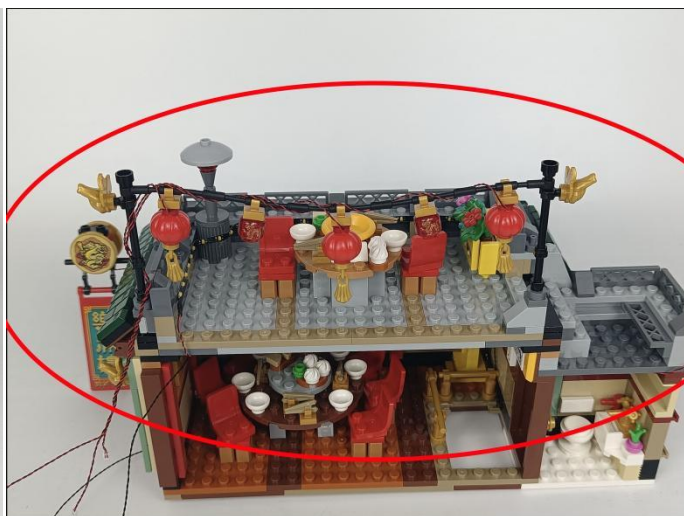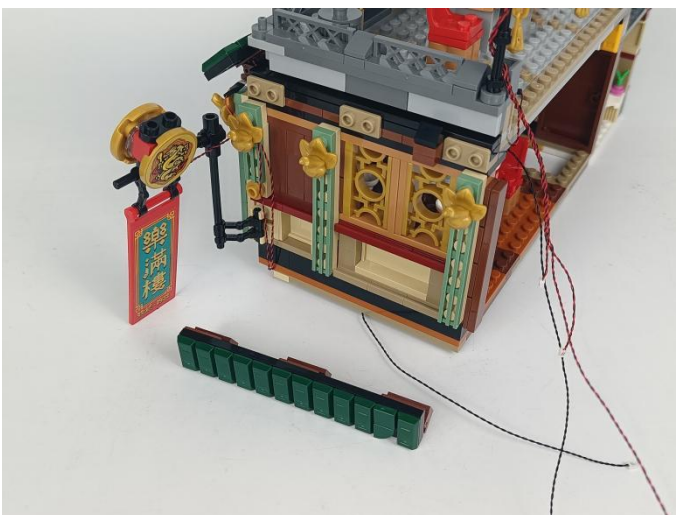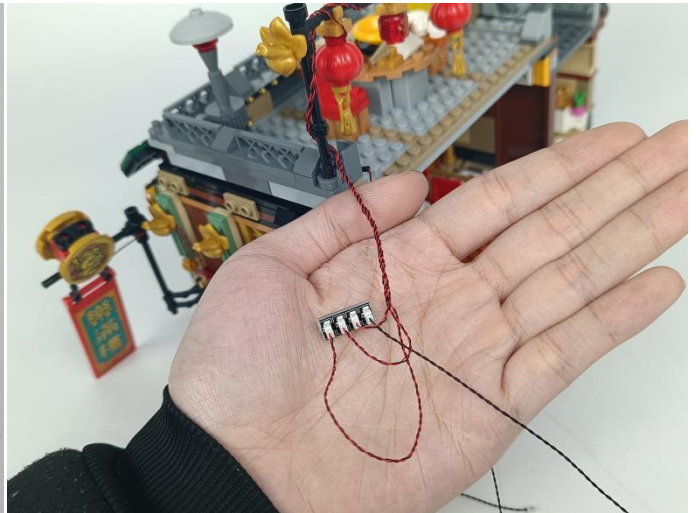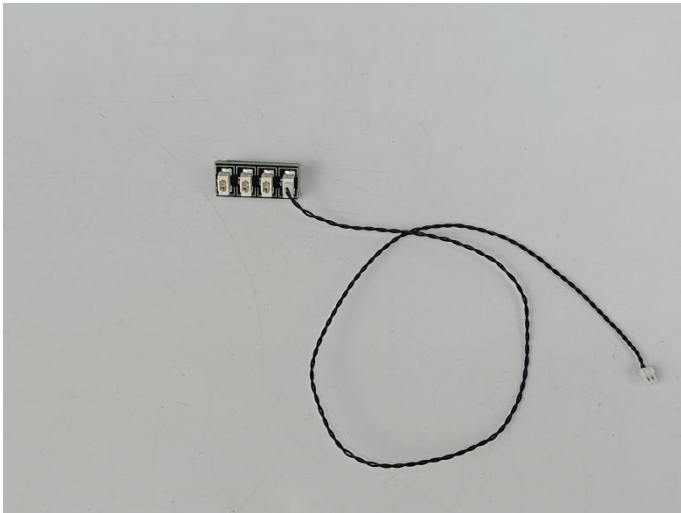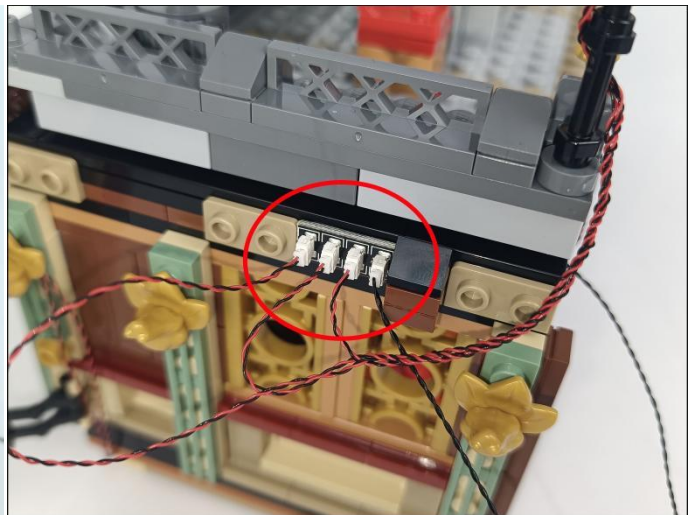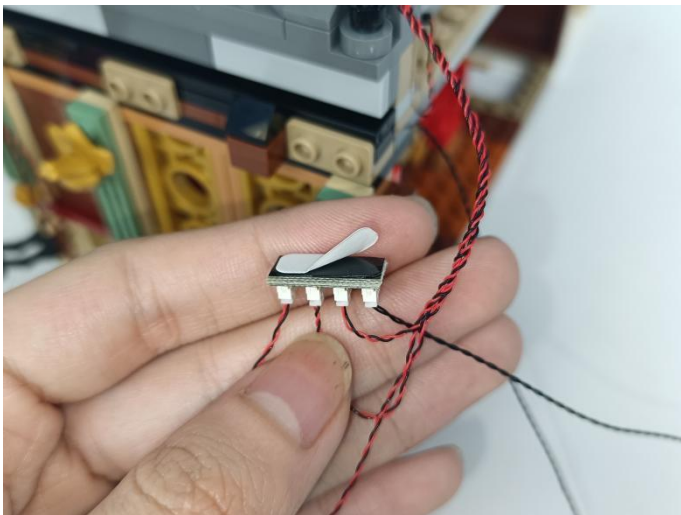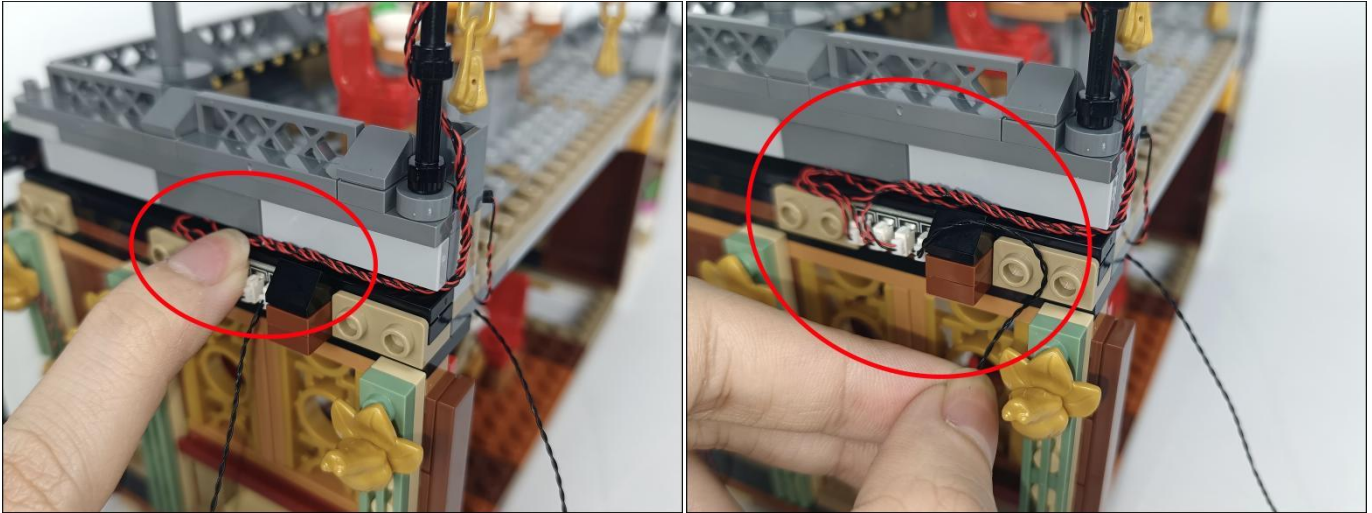
Remote control function introduce

INPUT
Power interface
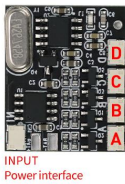
ON: All lights turn on sequentially.   **OFF**: All lights are off.

Function 1: A, B, C, D are turned on slowly in sequence.

Function 2: Breathing light mode.

Function 3: A and D the light is on and C and B flash alternately. | **A**: Turn A on/off.
Function 4: A the light is on, B, C, D flow light effect Ⅰ. | **B**: Turn B on/off.
Function 5: A the light is on, B, C, D flow light effect Ⅱ. | **C**: Turn C on/off.
| **D**: Turn D on/off.

Function 6: Quickly open from A to D in turn. | ↑ : Increase frequency.
Function 7: A, B, C, D flow light effect. | ↓ : Decrease frequency.
Function 8: A, B, C, D flash alternately. | ☀ : Brightness+: Increases brightness
| ☀ : Brightness-: Decreases the brightness

ON: Alle Lichter werden nacheinander eingeschaltet.   **OFF**: Alle Lichter sind aus.

Funktion 1: A, B, C, D werden langsam nacheinander eingeschaltet.

Funktion 2: Atemlichtmodus.

Funktion 3: A und D bleiben an und C und B blinken abwechselnd. | **A**: Turn A on/off.
Funktion 4: A ist immer eingeschaltet, B, C, D fließendes Wasser Lichteffekt Ⅰ. | **B**: Turn B on/off.
Funktion 5: A ist immer eingeschaltet, B, C, D, fließendes Wasser Lichteffekt Ⅱ. | **C**: Turn C on/off.
| **D**: Turn D on/off.

Funktion 6: Schnell nacheinander von A nach D öffnen. | ↑ : Increase frequency.
Funktion 7: A, B, C, D fließendes Wasser Lichteffekt. | ↓ : Decrease frequency.
Funktion 8: A, B, C, D blinken abwechselnd. | ☀ : Brightness+: Increases brightness
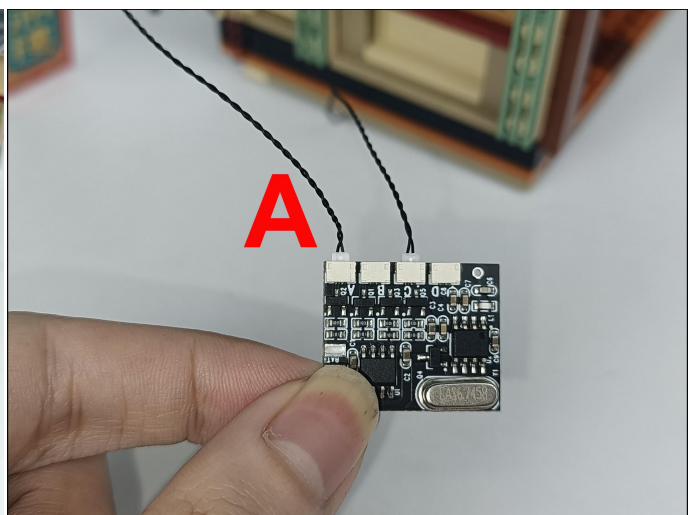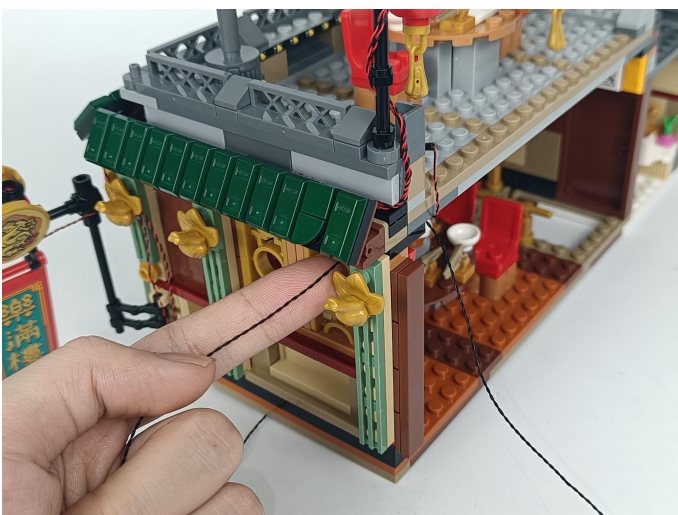| ☀ : Brightness-: Decreases the brightness

The remote control does not contain batteries, please buy a CR2025 or CR2032 button battery in the nearest store and install it in the remote control.
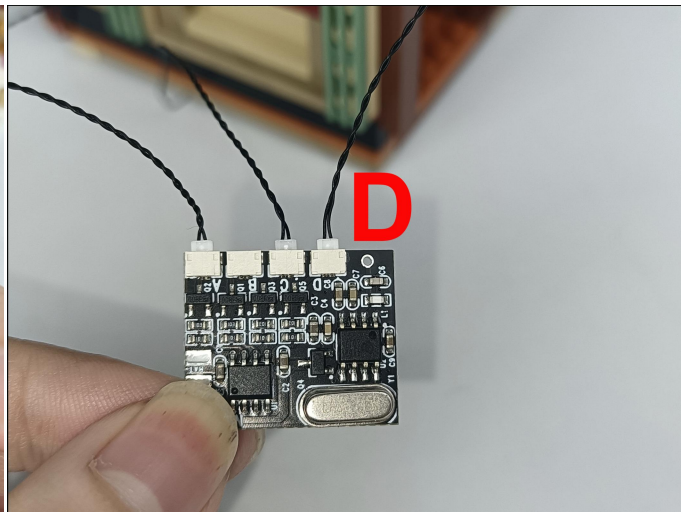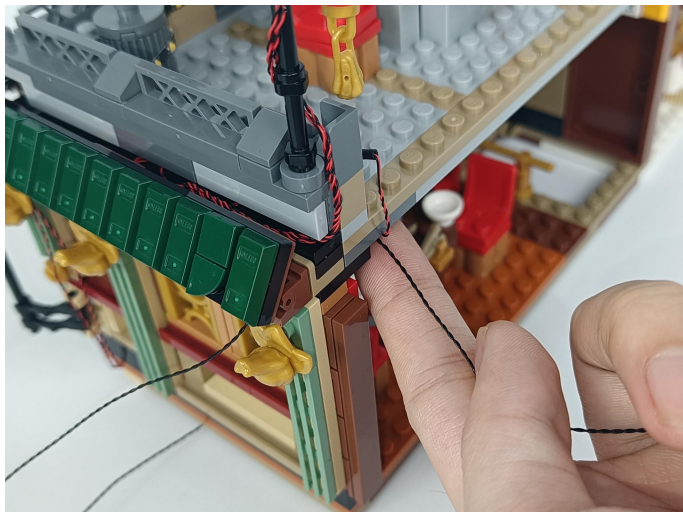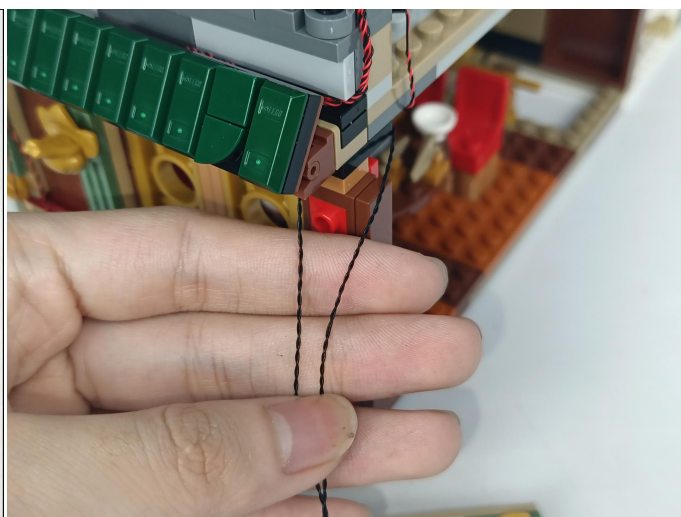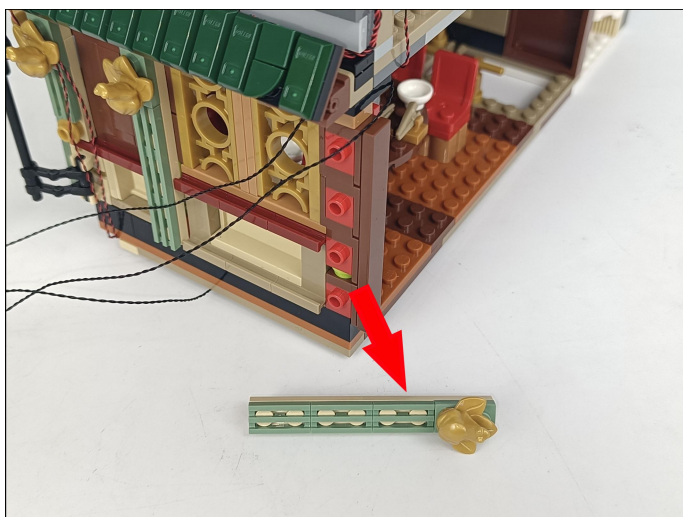
① push
pull

② push

99

C

100

A

101

D
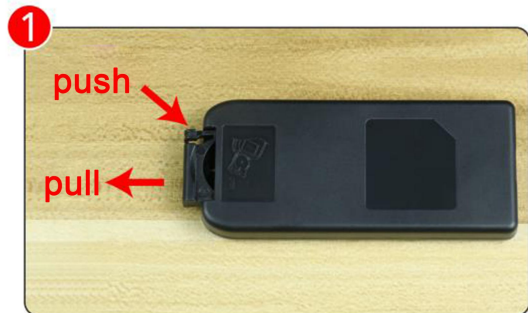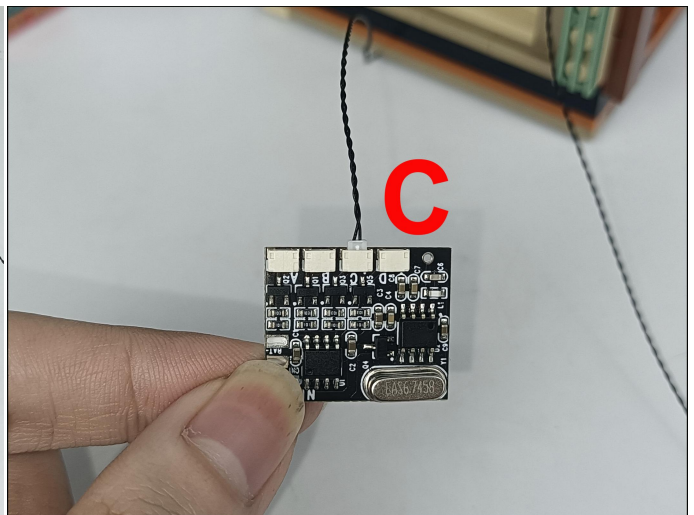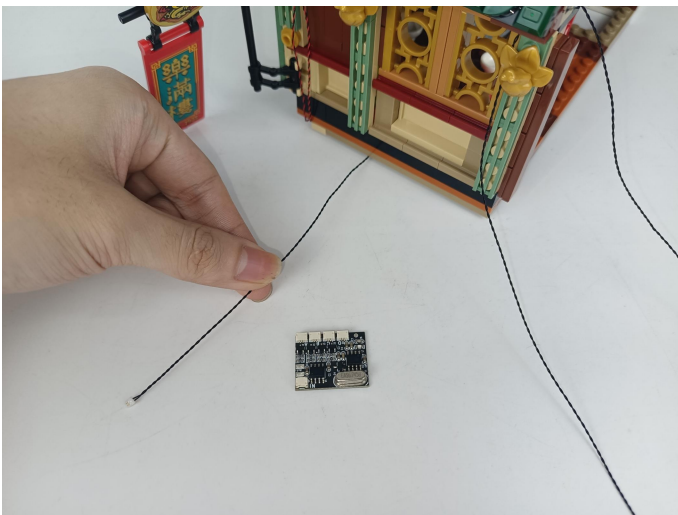
102

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B

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A01305
Power Supply
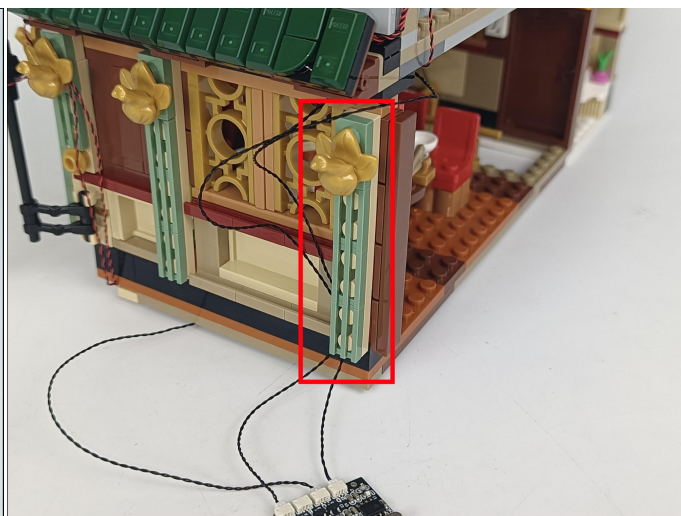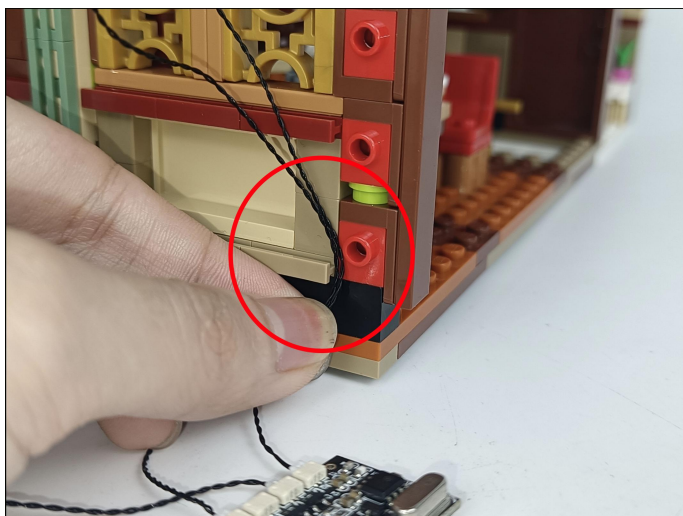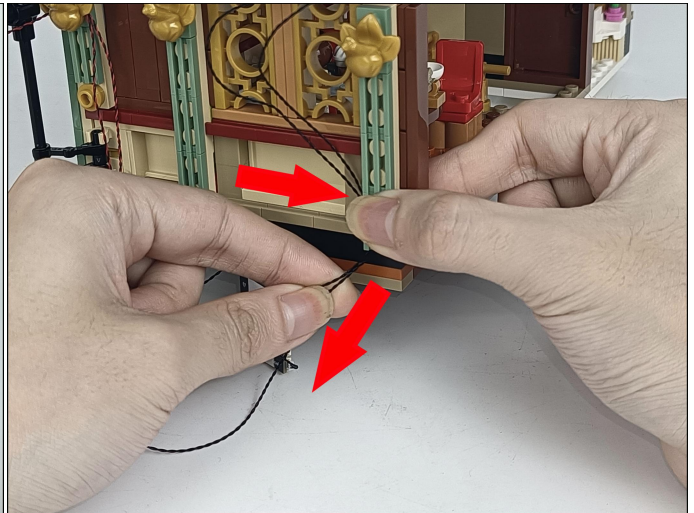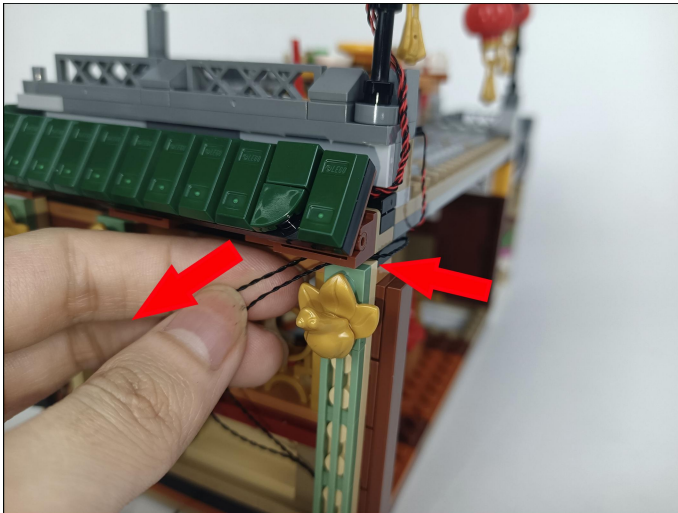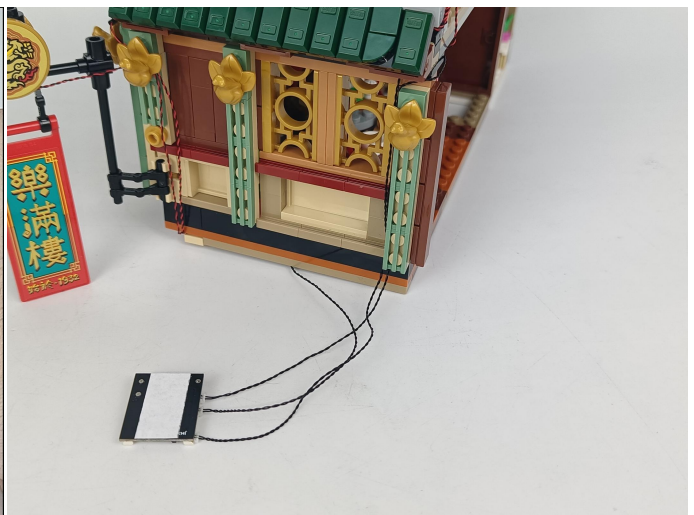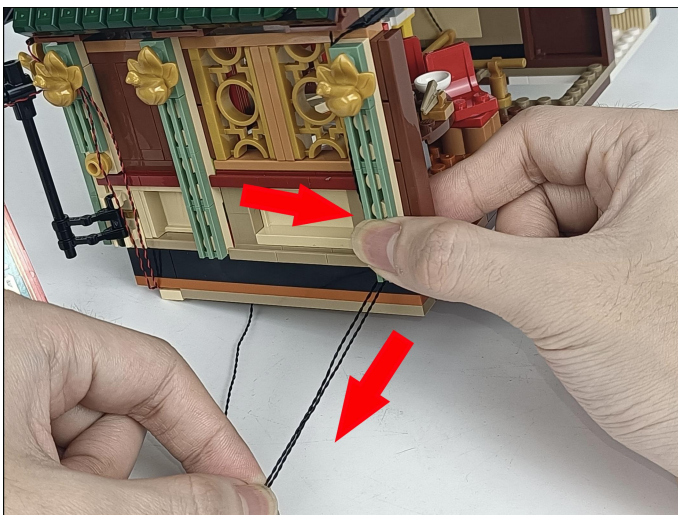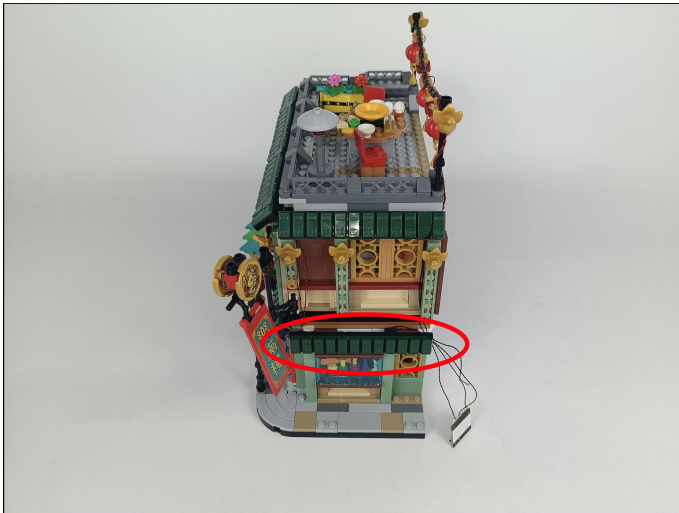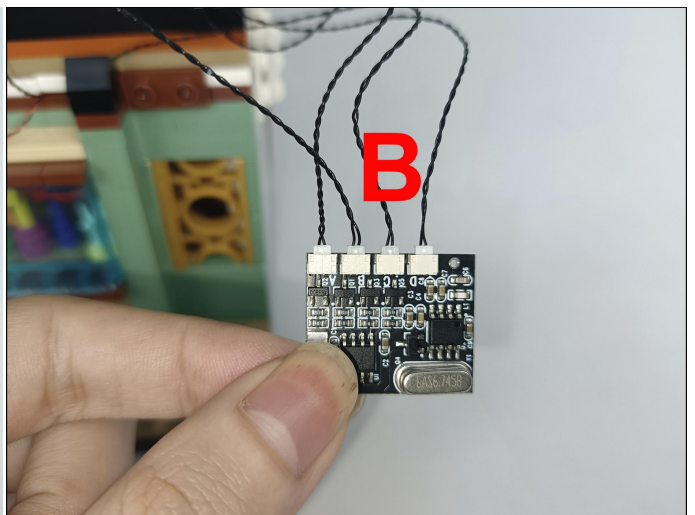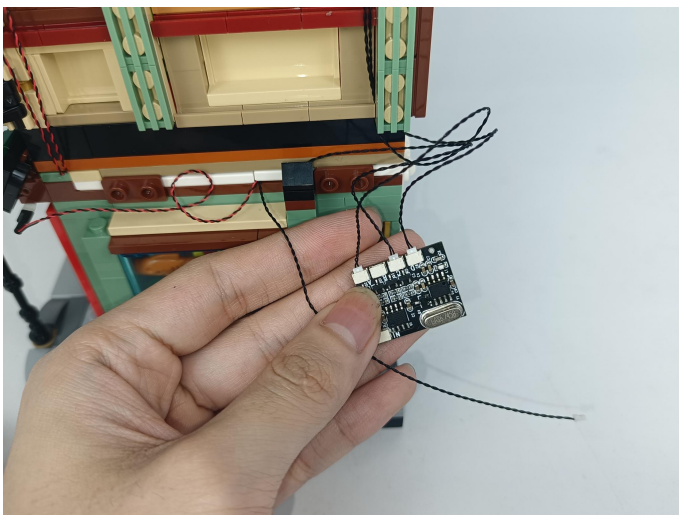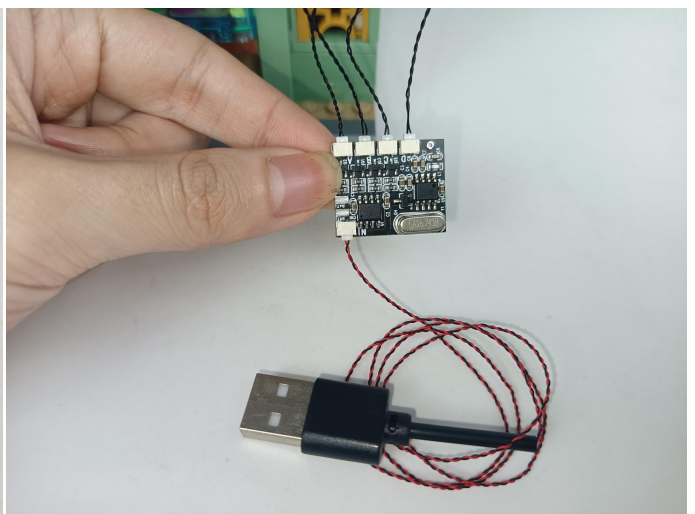
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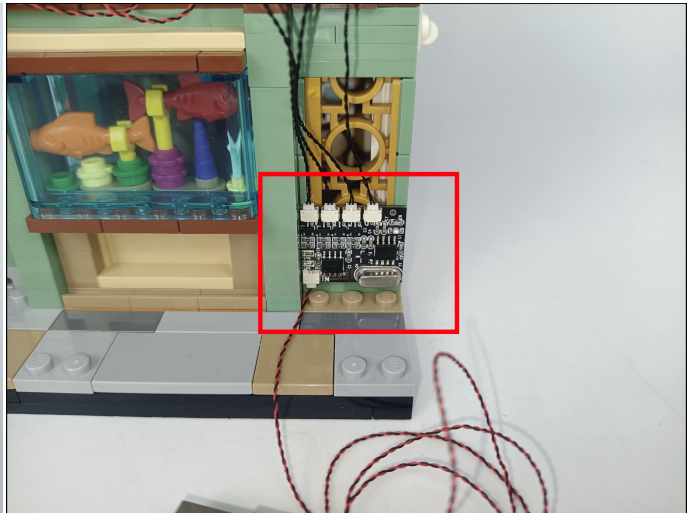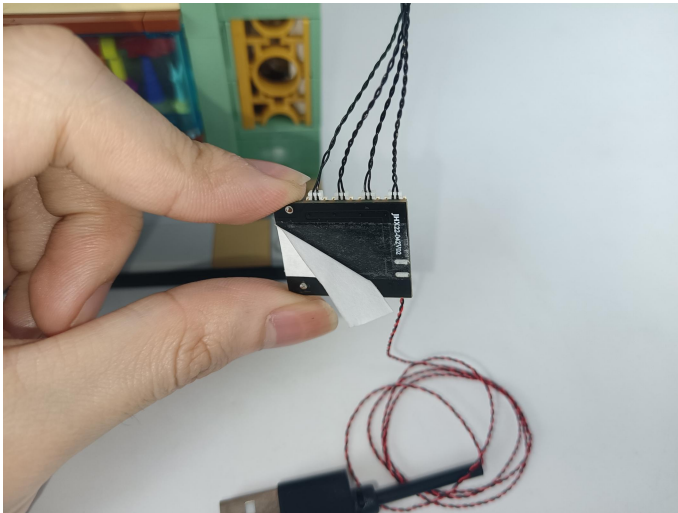
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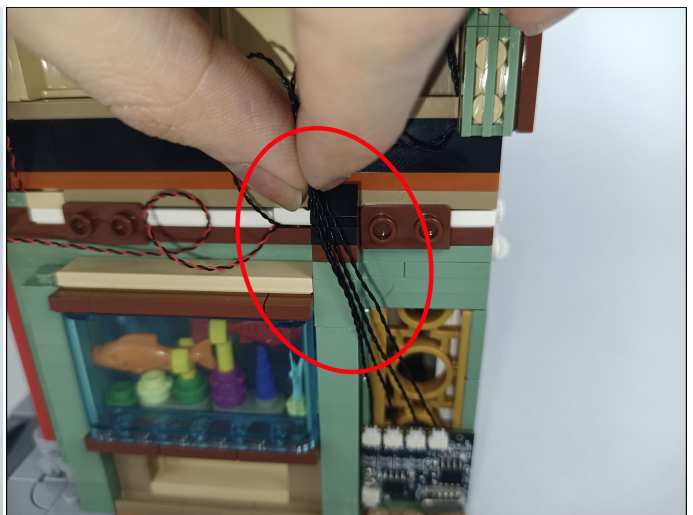
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Good job, you've done all the installation steps, power it up and enjoy your work.

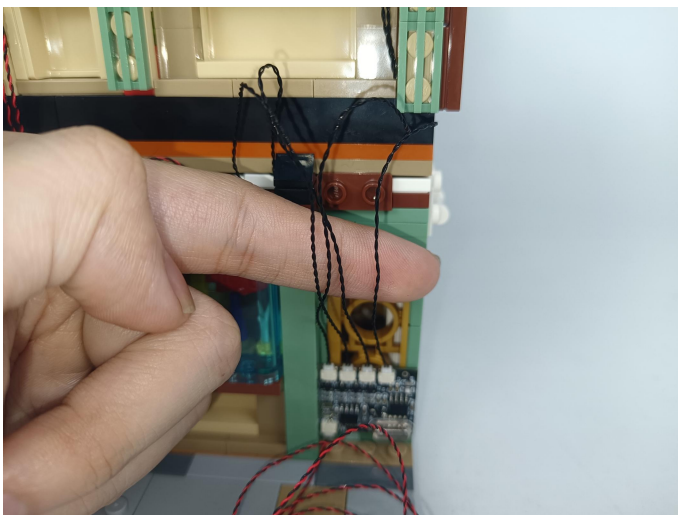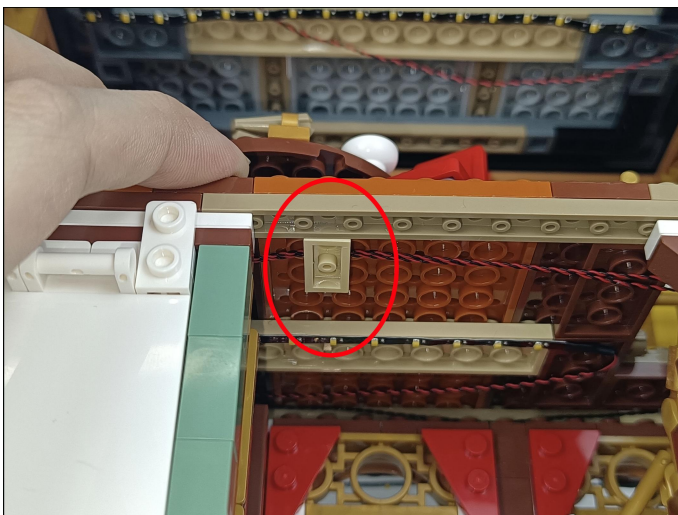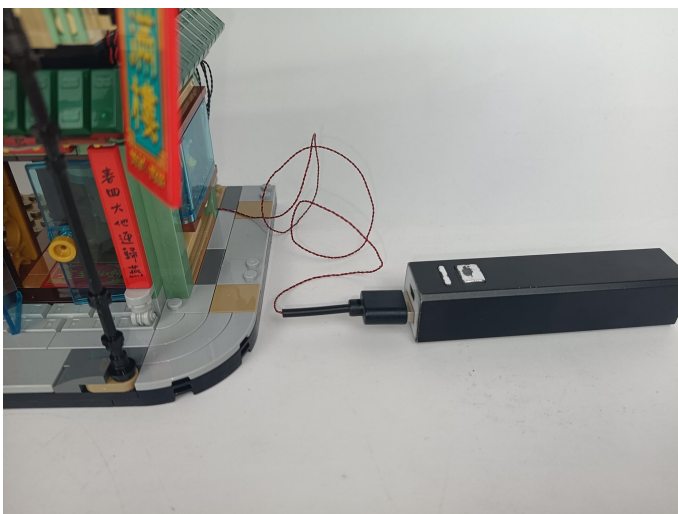   The battery box can also power the set. If it is necessary to change the power supply , prepare three AAA batteries, install them in the battery box, turn on the switch on the battery box, remove the plug of the USB Power Cable from the socket of the expansion board,plug the plug of the battery box to the same socket in the expansion board to power the suit as well.

   THANKS