

SESAME STREET Lighting Kit LEGO 21324 Remote Control Version

Thank you for choosing our lighting products. We are committed to LEGO product study and lighting development, we're always trying our best to provide LEGO fans with the best products and the best installation ideas.

Must be careful observation, imagination can be infinite.

We provide basic parts to support your imagination.

DO IT YOURSELF .that's what LEGO is .

As always, Lego has been adhering to the DIY philosophy from product selection, research and development to sales. Consumers buy the parts, you will assemble them by yourself, and you can experience every step from picking up the first piece to installing the last one. Besides, LEGO has different answers for the installation form and method of each part. Vonado lighting also does not want to kill your unlimited creativity, we will try our best to make products with high variability, high playability and unlimited play. If you have any dissatisfaction or your own ideas on the parts such as the color of the lights, the length of the cables, the installation position of the product, and the final effects of each module, you can make your own arrangement, and we will cooperate with you to replace or repurchase.

LETS MOVE!

Package contents:

- 2 x 30cm Warm White Dot Lights
- 2 x 30cm Pink Dot Lights
- 1 x 15cm Pink Dot Light
- 1 x 15cm Green Dot Light
- 7 x 15cm Warm White Dot Lights
- 1 x 15cm Blue Dot Light
- 1 x 15cm Warm White Strip Light (with 21 lights)
- 3 x 15cm Warm White Strip Lights (with 7 lights)
- 1 x 15cm Multi Colour Flashing Light
- 2 x 5cm Connecting Cables
- 3 x 15cm Connecting Cables
- 2 x 20cm Connecting Cables
- 4 x 4-port Expansion Boards
- 2 x 6-port Expansion Boards
- 1 x Flicker Effects Board
- 1 x Remote Control Switch Board
- 1 x USB Cable

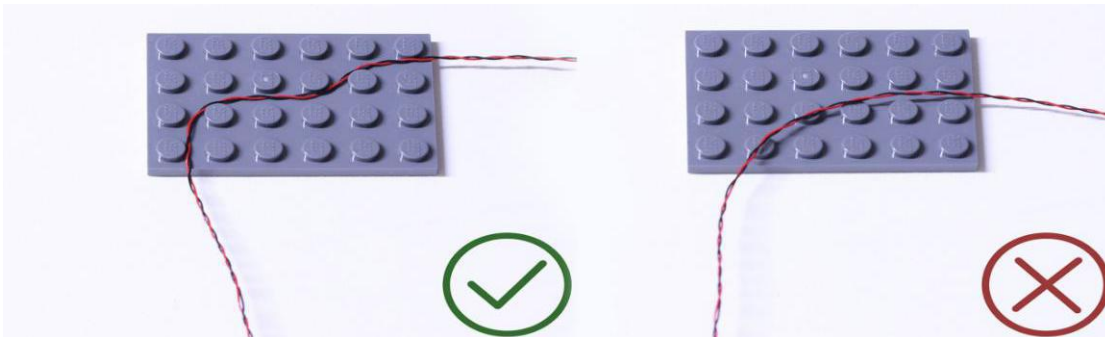
Extra pieces



Note:

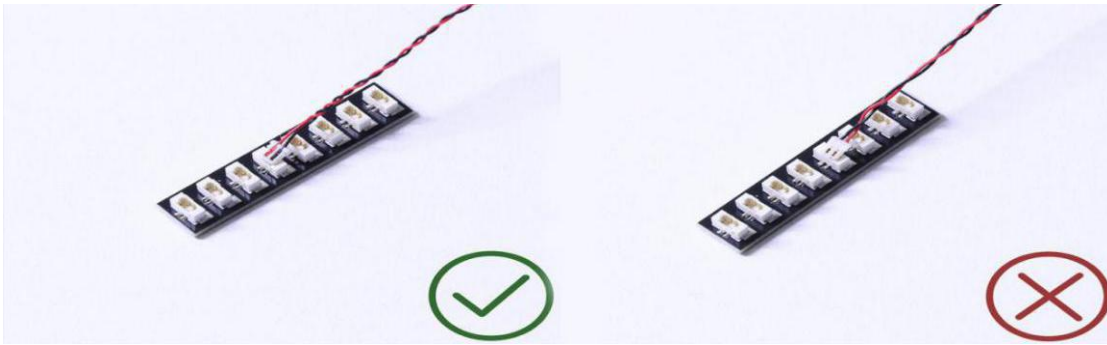
Place wires on the surface or under the building blocks.

The wire can be placed between the building blocks or under the block, but they should be placed between the studs correctly.

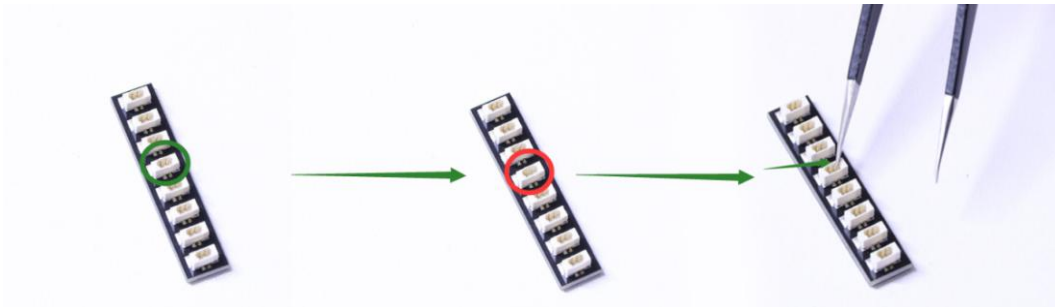


Insert the connectors to the ports.

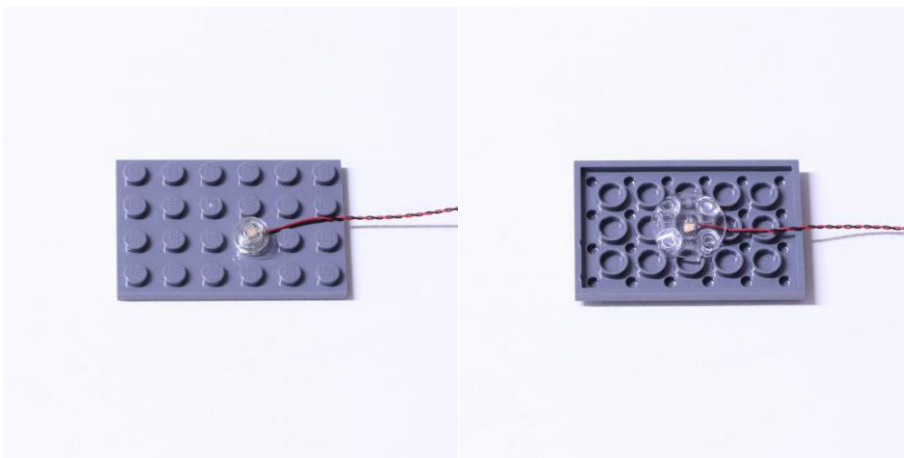
Be careful when you are operating, there's only one correct way to insert, make sure the expansion board is upward, find the soldered "=" sign on the left of the port. When you are inserting, the side which the wires can be seen should be faced to the "=" sign and if you feel hard to insert, please stop, 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 bent pins.

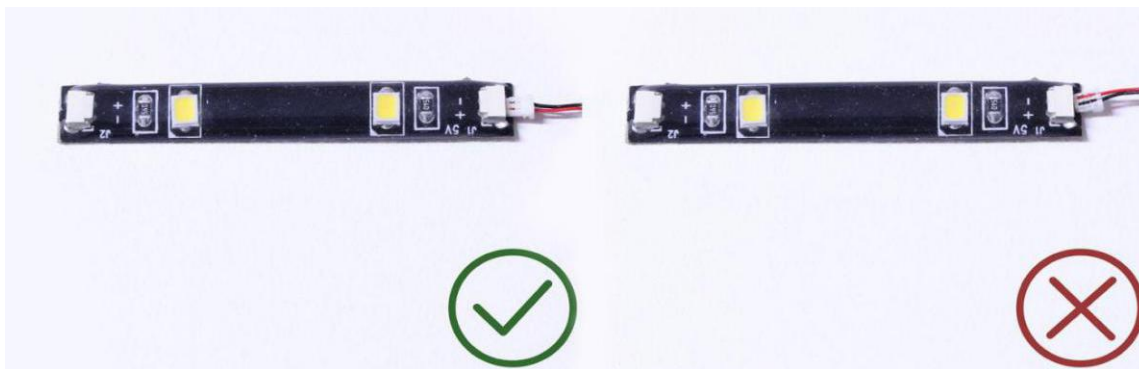


When installing dot lights, make sure they are correctly placed (Yellow LED package is exposed). You can put them either on the top of the studs or between studs.

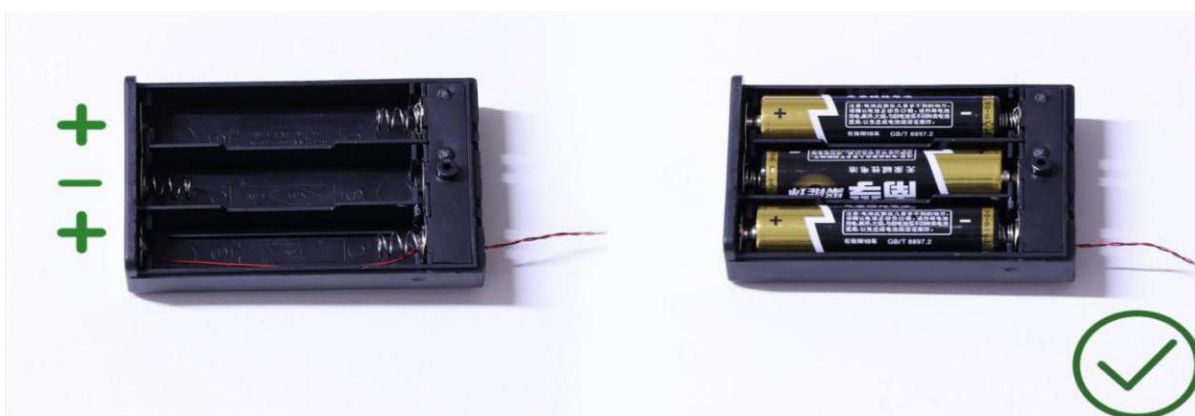


Connecting cable connectors to Strip Lights

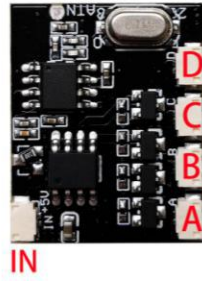
Take extra care when inserting connectors to ports on the Strip Lights. Connectors can be inserted only one way. With the Strip Light facing up, ensure the side of the connector with the wires exposed is facing down. If a plug won't fit easily into a port connector, don't force it. Doing so will damage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



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



Remote control function description



ON: All branches are opened

OFF: all branches are closed

A: open/close A road

B: open/close B road

C: open/close C road

D: open/close D road

FS: Turn on blinking for the last open channel

BLN: Start breathing for the last opened path

↑: Increase blinking/breathing rate

↓: Increase blinking/breathing rate

Brightness+: Increase brightness

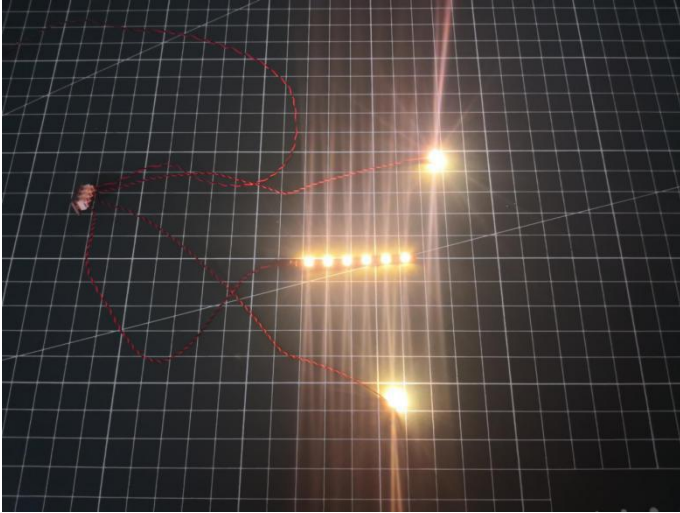
Brightness -: Reduce brightness

Instructions for installing this kit:

Sesame Street Remote Control Version, Lighting Kit, 17 bags in total

Power supply: USB cable (self-contained power bank or mobile phone charger).

Firstly, take the power source (power bank or mobile phone charger), connect it to the USB cable, connect the other end of the USB cable to the expansion board to verify all the lights one by one.



After the verification, disconnect the lights and put them back to the bags.

(note: put the lights back to the bags when verification of the lights from the same bag is done, then, continue to verify the lights in another bag.)

OK, Let' s Begin! (you can use the tweezer if necessary.)

(Tips: the tweezer is sharp, you should be careful when using it, do not hurt yourself or scratch the pieces; be gentle and do not wear the cables.)

Instructions for installing this kit:

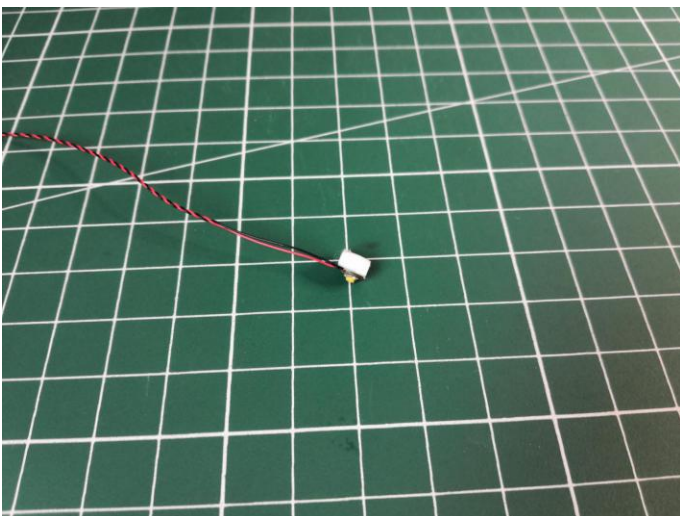
Take the sesame street:



Take a warm white 30cm dot light, an adhesive square.



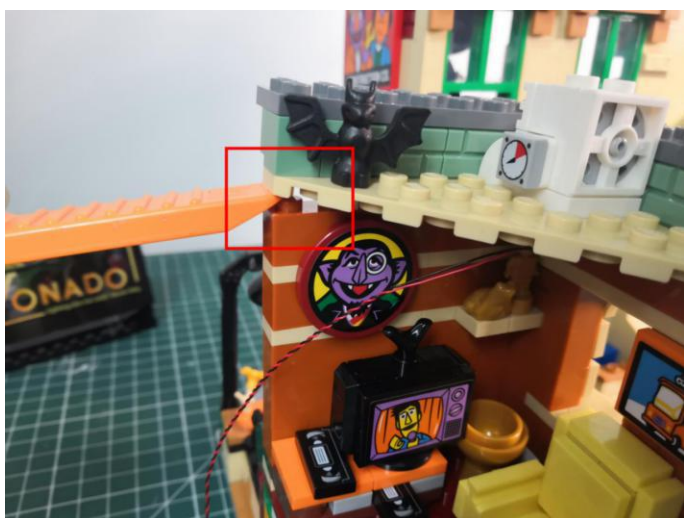
Stick the adhesive square to the back of the light.



Turn to the second floor of the left house, stick the light to the following place.



Create a gap at the following place with the tool.



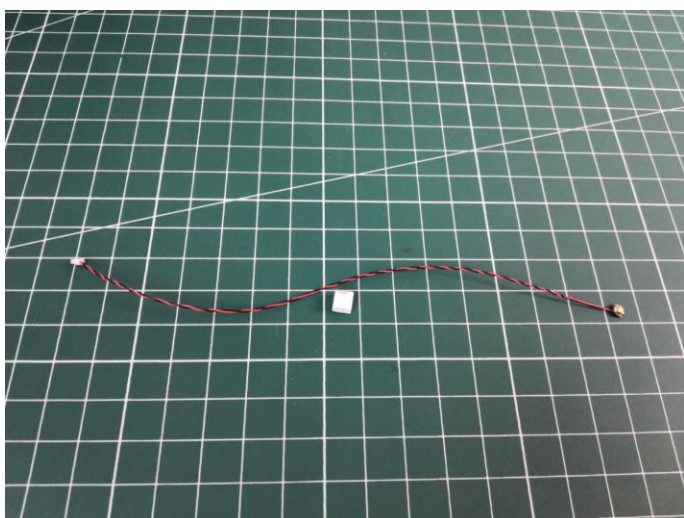
Thread the cable through the gap, close the gap to secure the cable.



Remove the whole second floor.



Take a warm white 15cm dot light, an adhesive square.



Stick the light to the following place.



Reconnect the second floor to secure the cable.



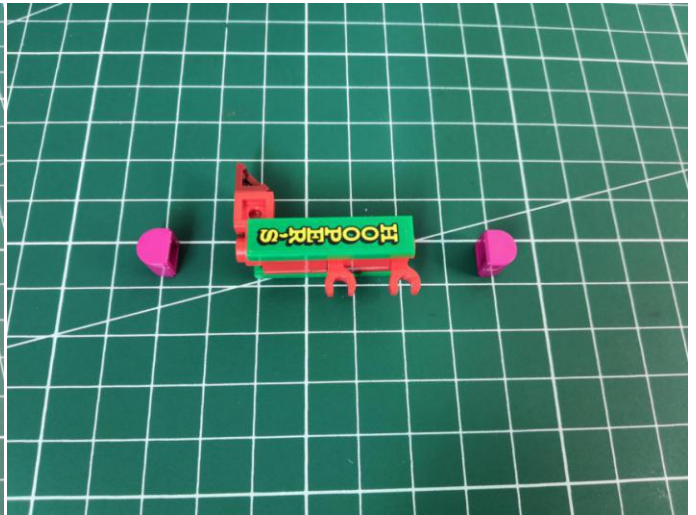
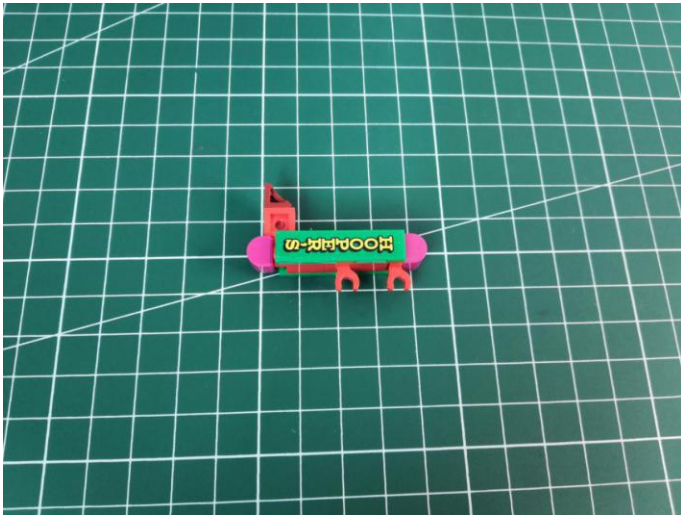
Turn to the following place.



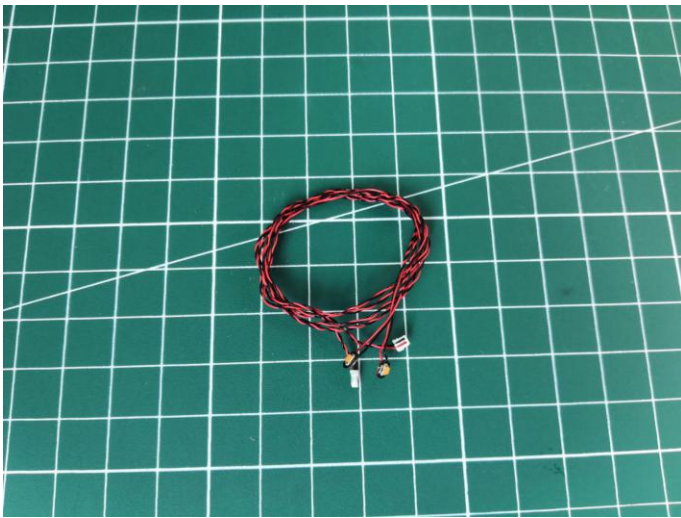
Remove the following advertising board.



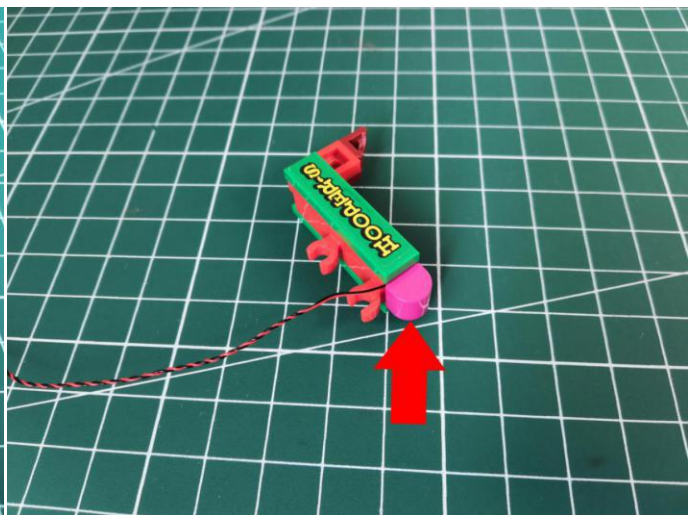
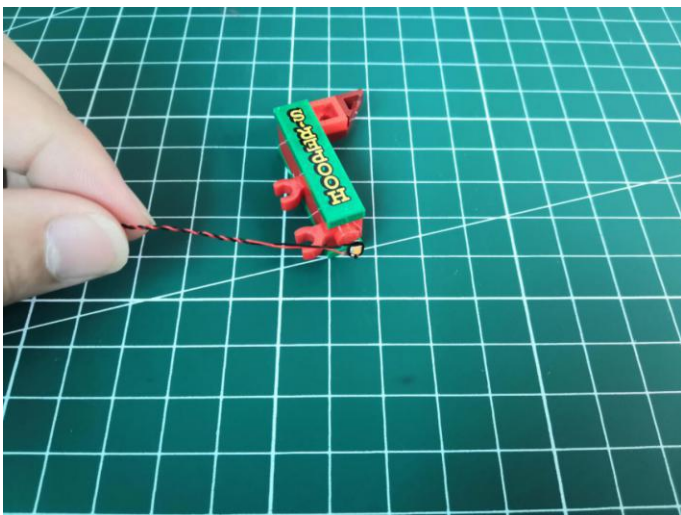
Remove the following 2 pink pieces.



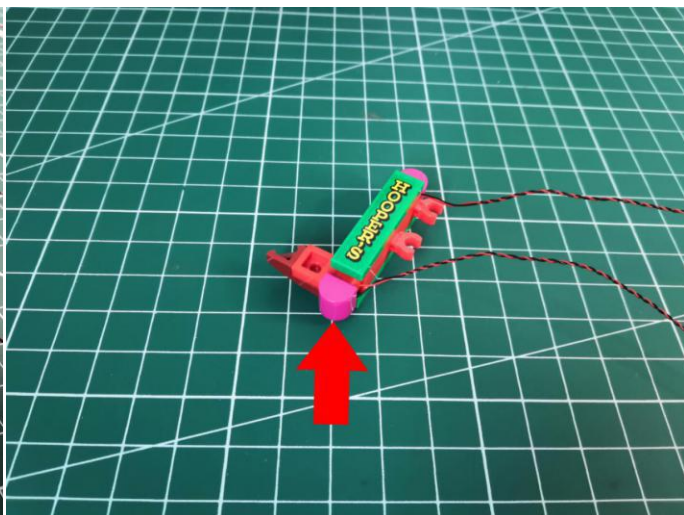
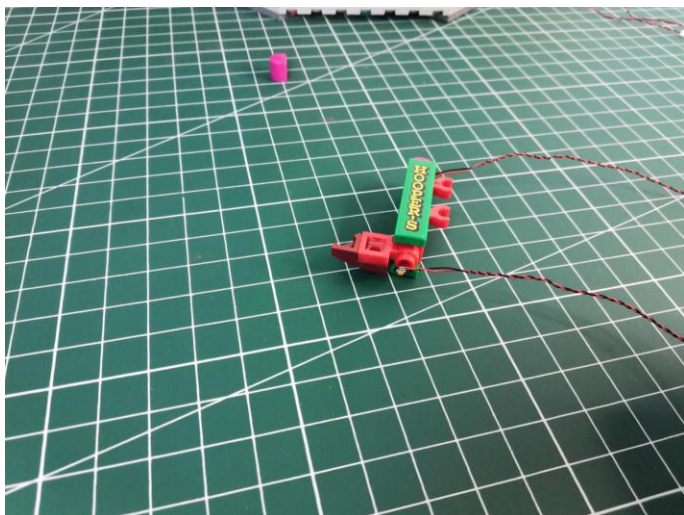
Take 2 pink 30cm dot lights.



With lighting part facing up, reconnect the pink piece.



Turn to the other side, install the light in the same way.



Reconnect the advertising board.



Create a gap at the following place with the tool, stuck the 2 cables as per below.



Pull the cables to the right side.



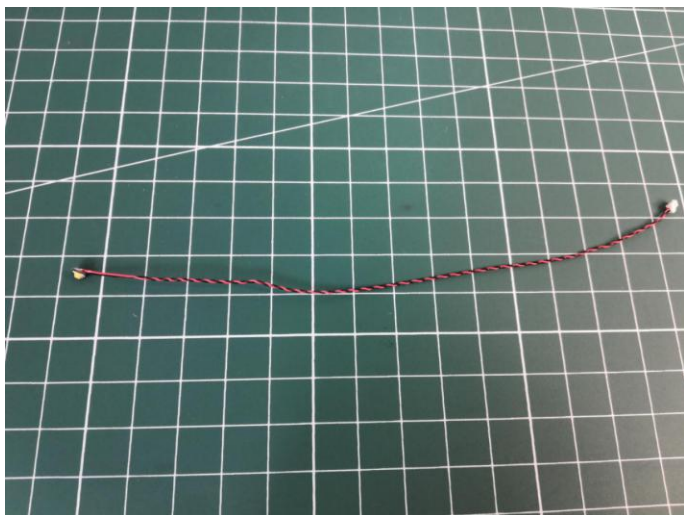
Group the 4 cables together.



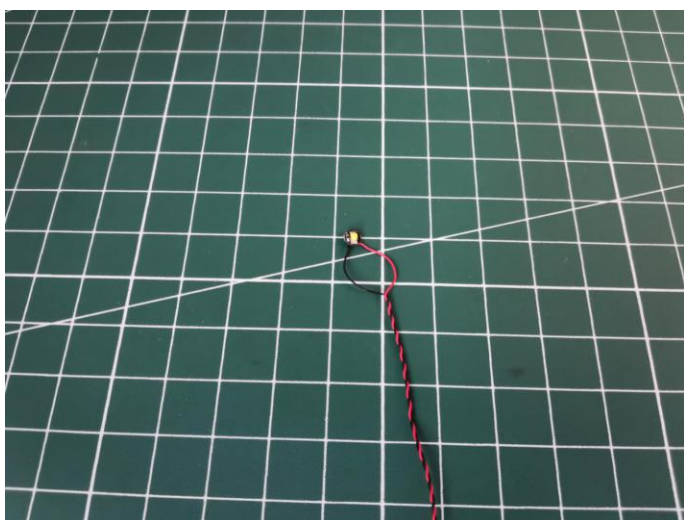
Remove the following lamp.



Take a warm white 15cm dot light.



Split the cable as per below.



Place the light at the following place in between the 2 round pieces, and screw the cable up.



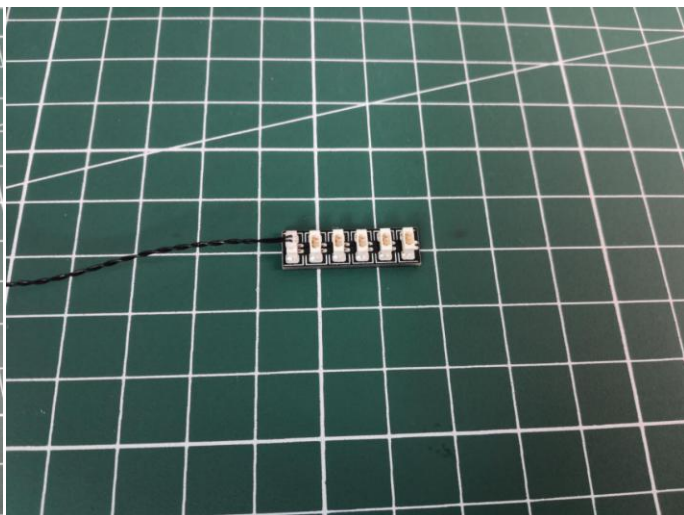
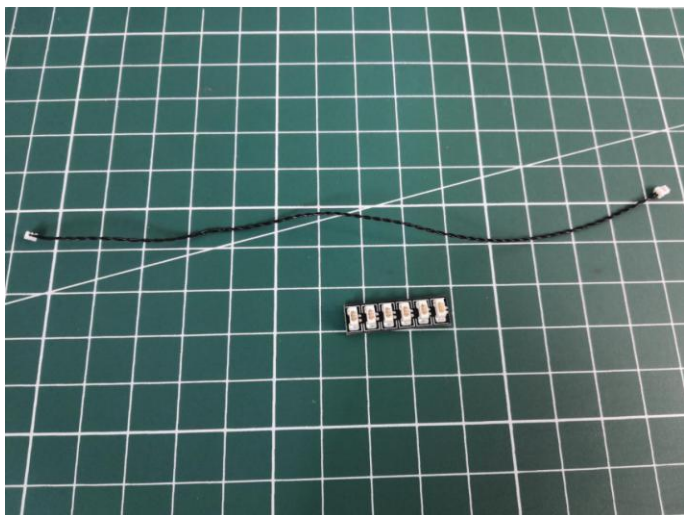
Thread the cable through the following hole.



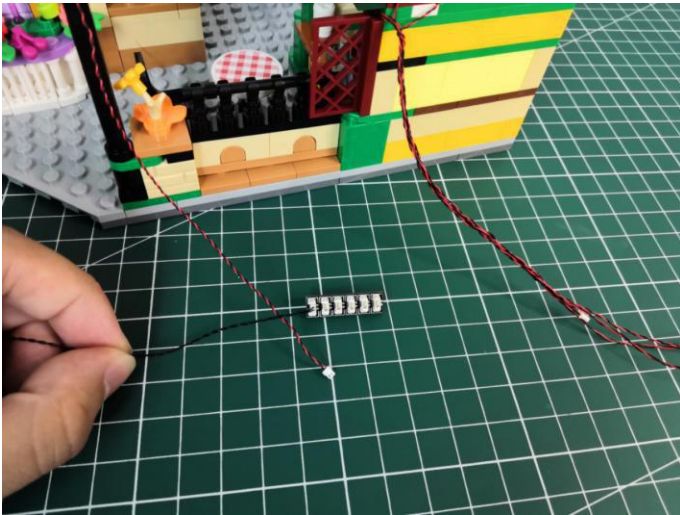
Reconnect the lamp.



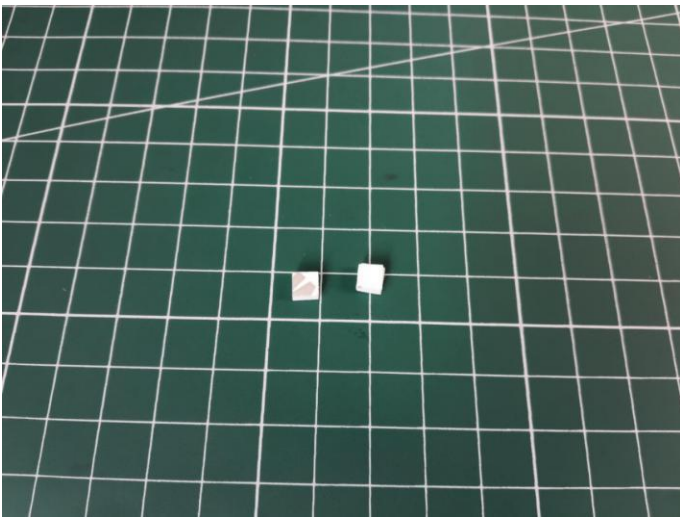
Take a 15cm connecting cable, a 6-port expansion board, assemble them as per below.



Connect the 5 cables to the expansion board.



Take 2 adhesive squares.



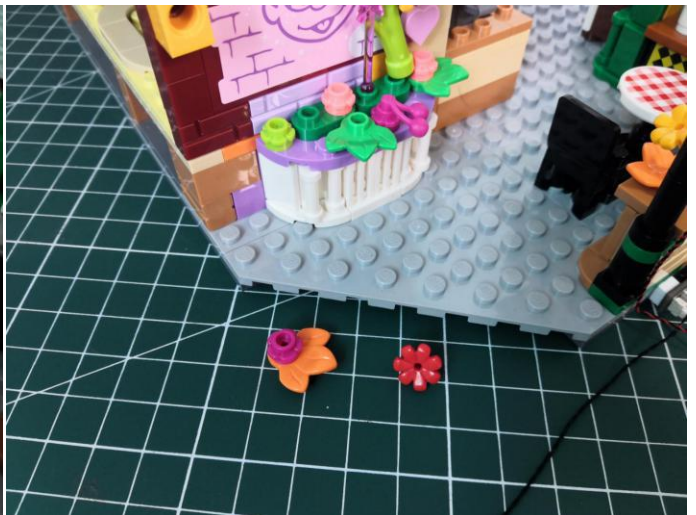
Stick them to the back of the expansion board, and stick the expansion board to the following place.



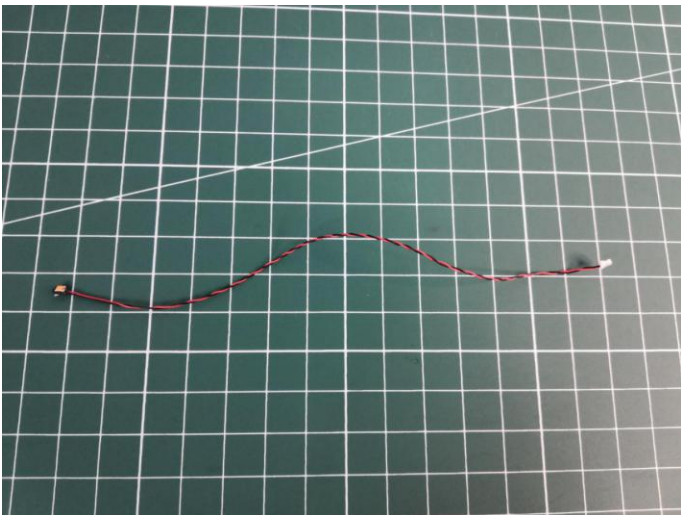
Remove the following potted plant piece.



Remove the following 2 flowers.



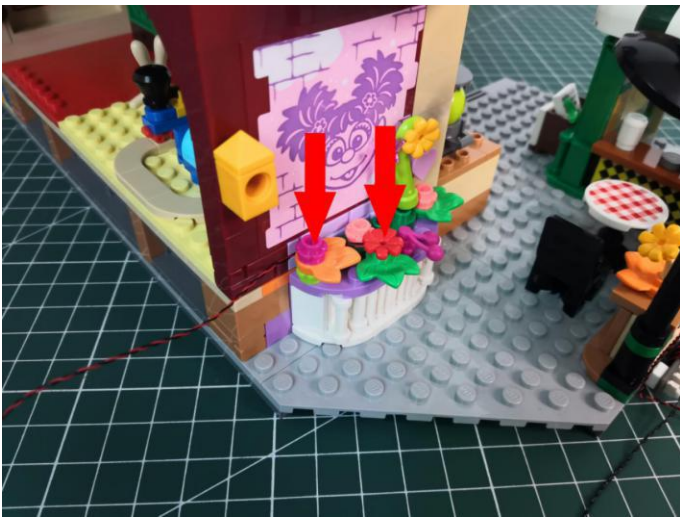
Take a pink 15cm dot light.



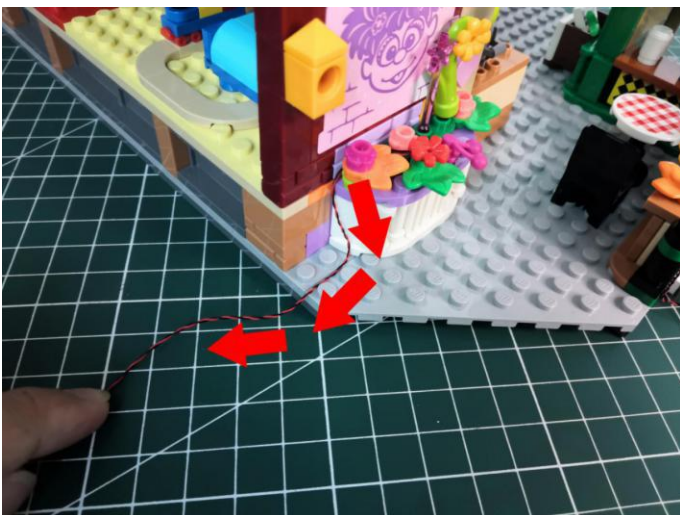
With lighting part facing up, place the light as per below.



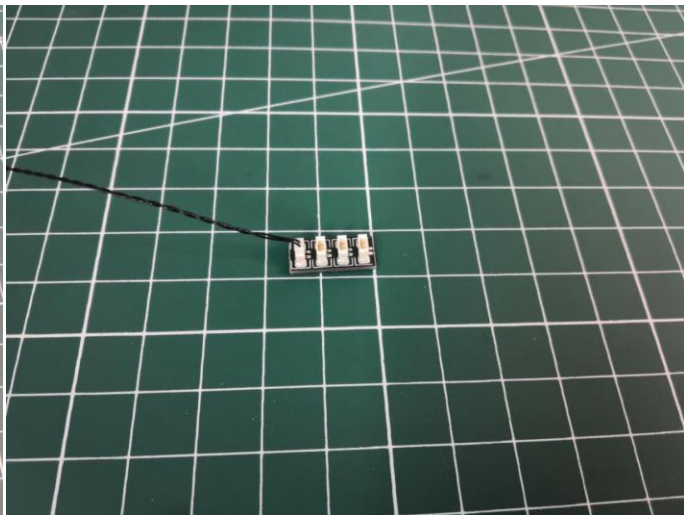
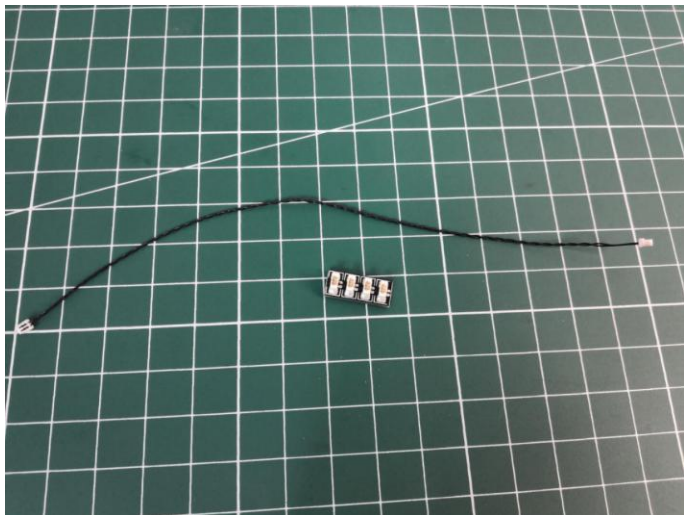
Reconnect the 2 flowers to secure the cable.



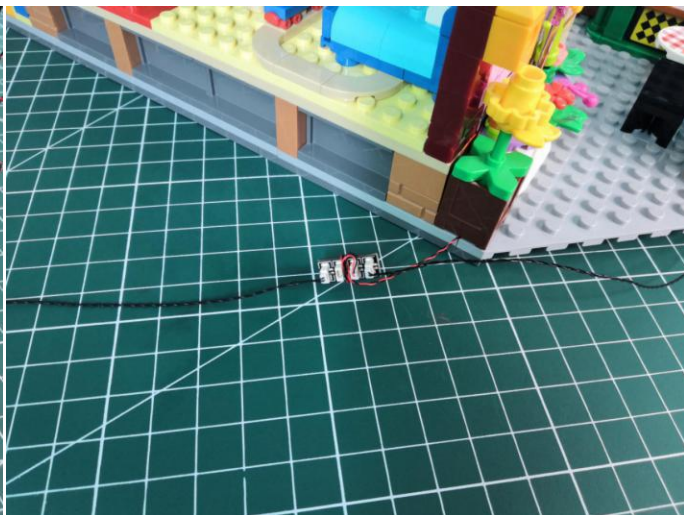
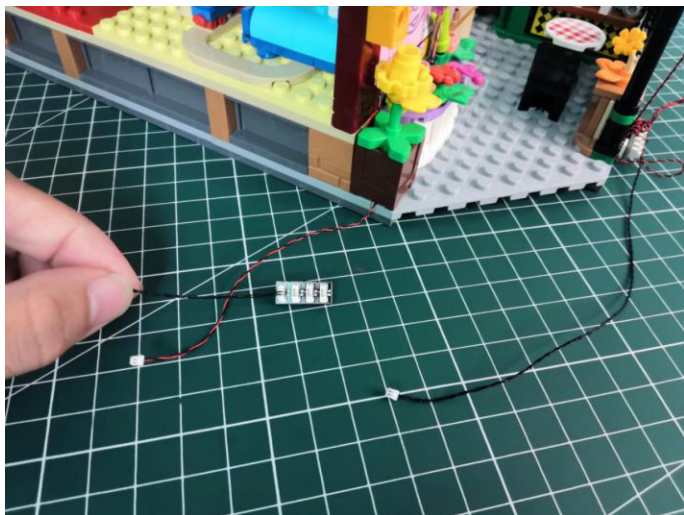
Place the cable as per below, reconnect the spotted plant.



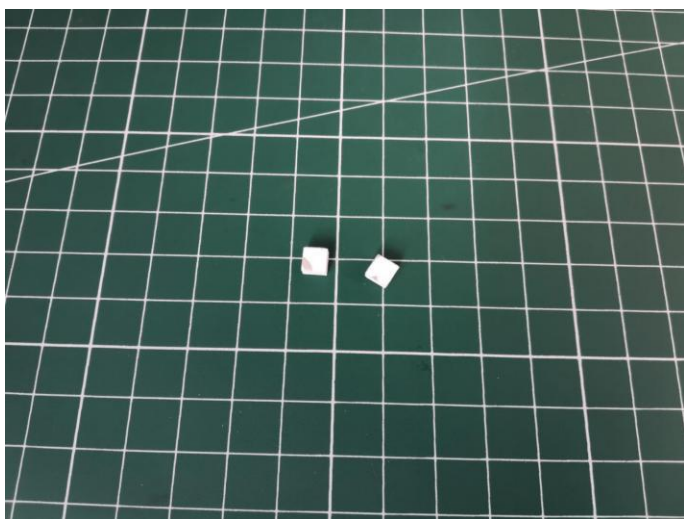
Take a 15cm connecting cable, a 4-port expansion board, assemble them as per below.



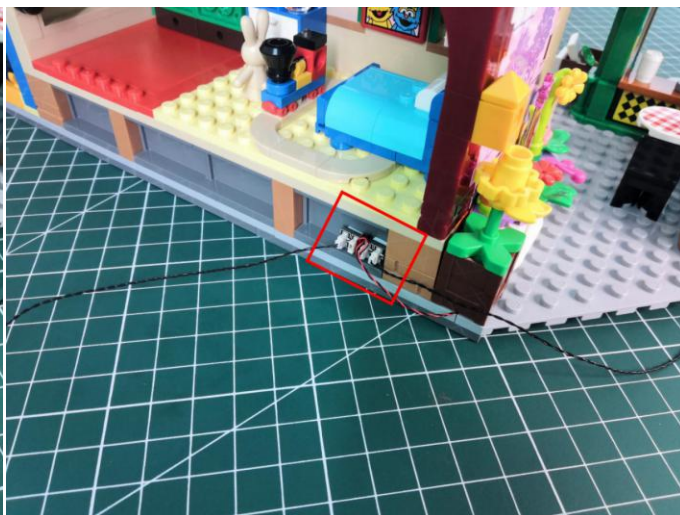
Connect the following cables to the expansion board, and tuck excess cables around the expansion board.



Take 2 adhesive squares.



Stick them to the back of the expansion board, and stick the expansion board to the following place.



Lift the whole piece, place the cables underneath.



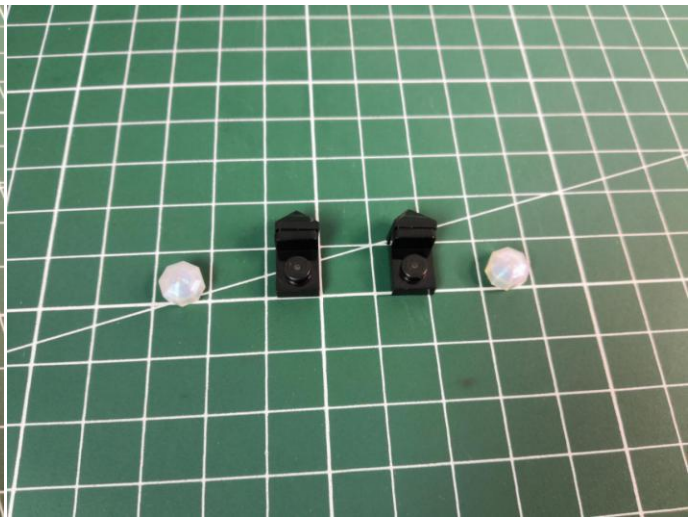
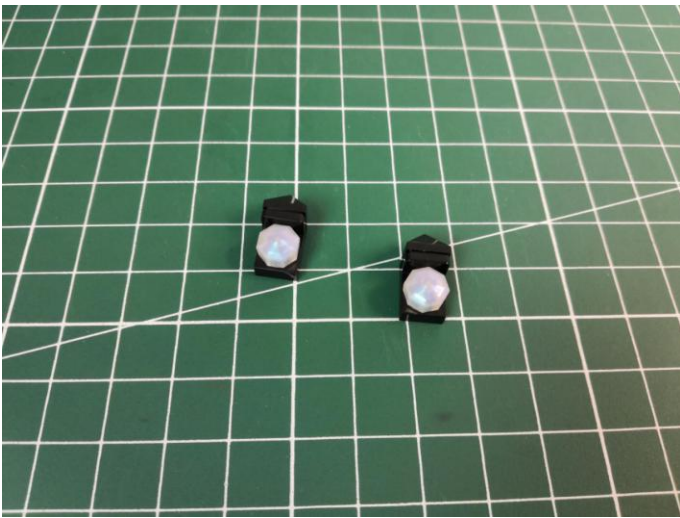
Turn to the big house.



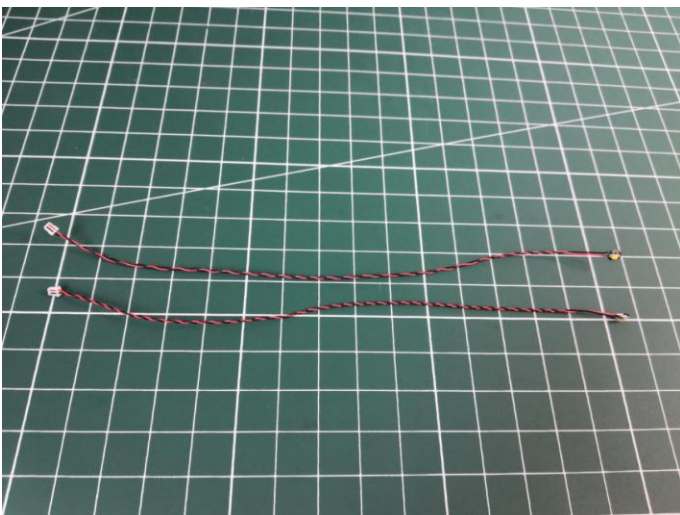
Remove the following wall lamps.



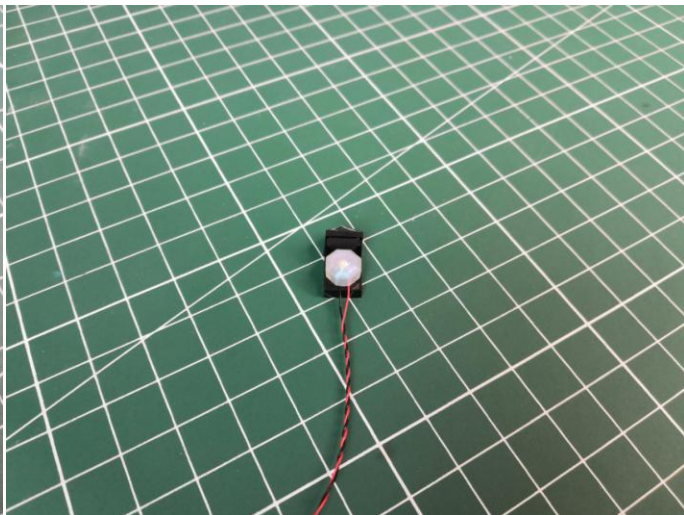
Disconnect the 2 lampshades from the wall lamps.



Take 2 warm white 15cm dot lights.



With lighting part facing up, reconnect the lampshade.



Install the other wall lamp in the same way.



Reconnect the wall lamps.



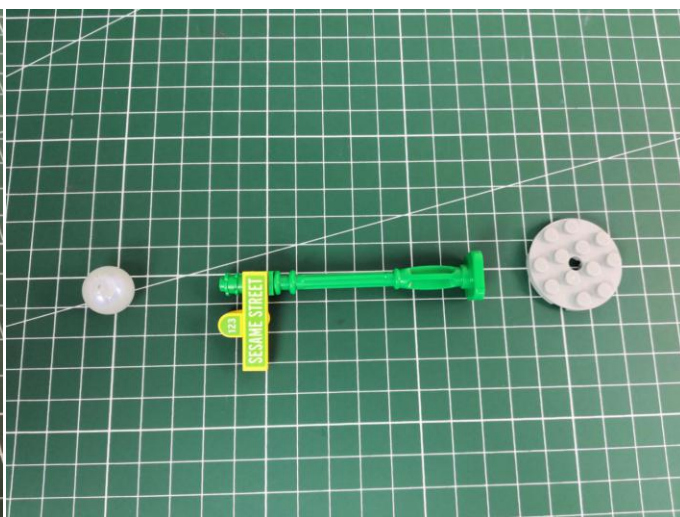
Thread the 2 cables to the back of the door.



Remove the following lamp.



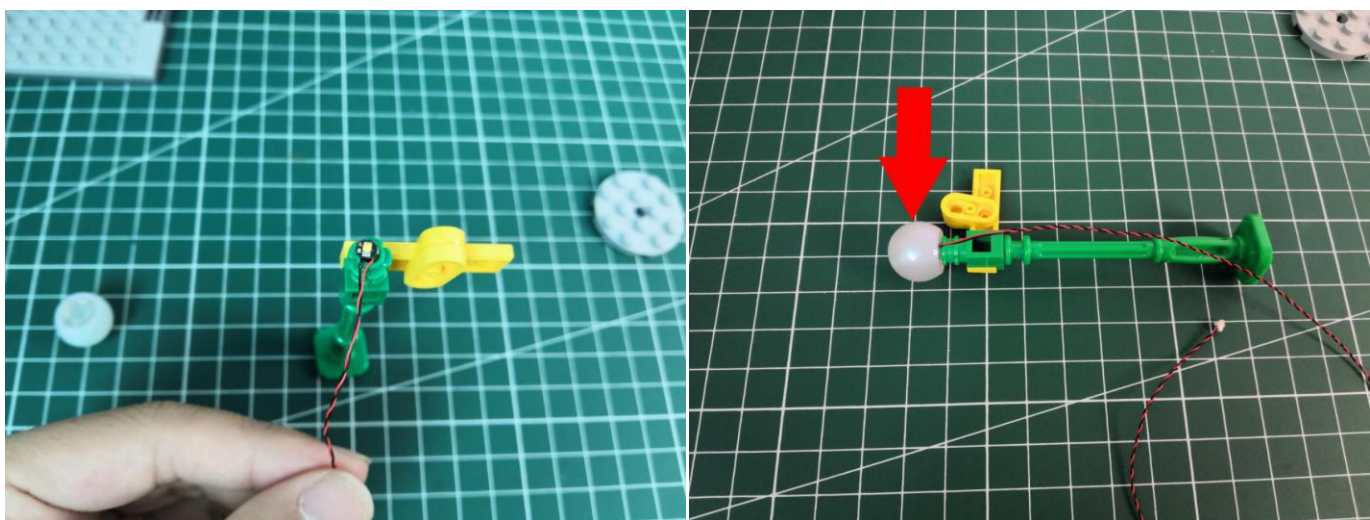
Remove the lampshade and the base as per below.



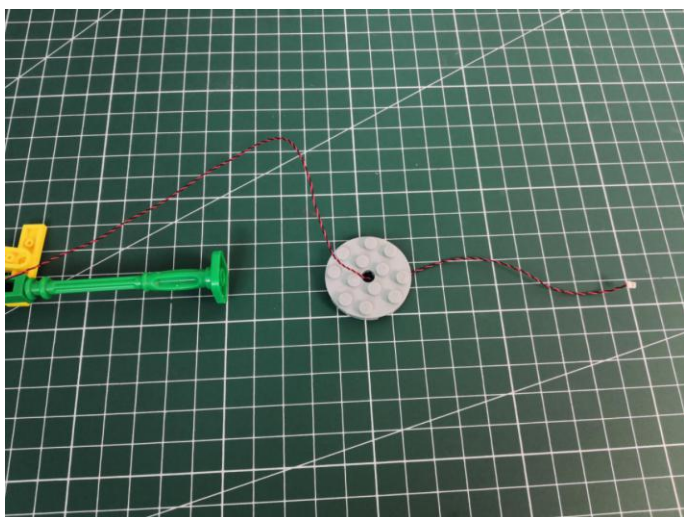
Take a warm white 30cm dot light.



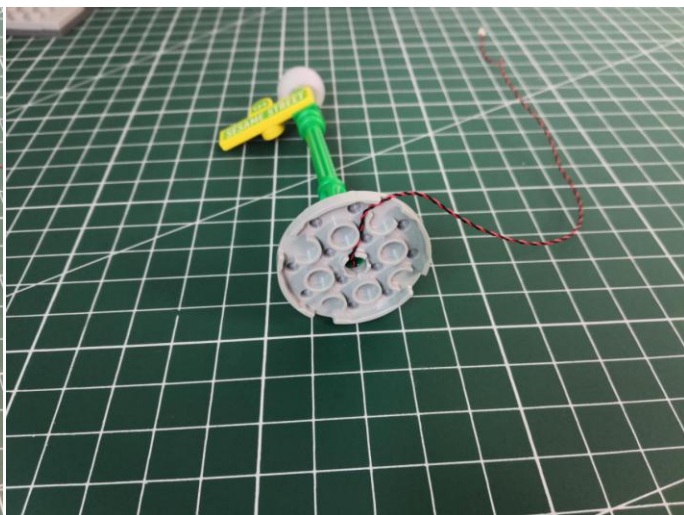
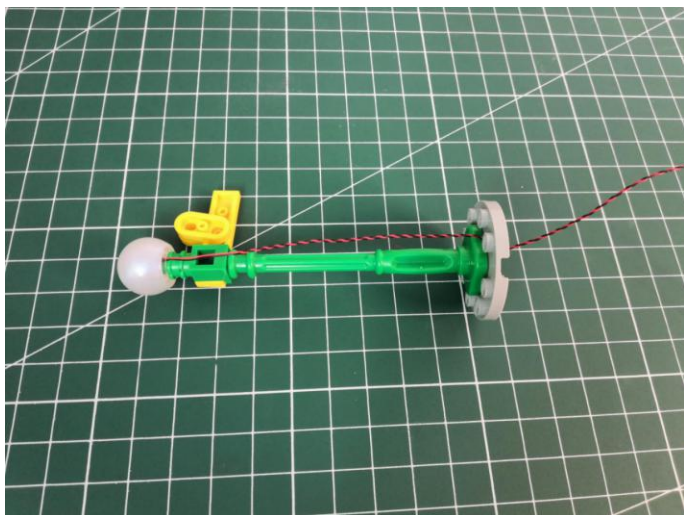
With lighting part facing up, reconnect the lampshade.



Thread the cable through the hole on the base.



Reconnect the lamp to the base.



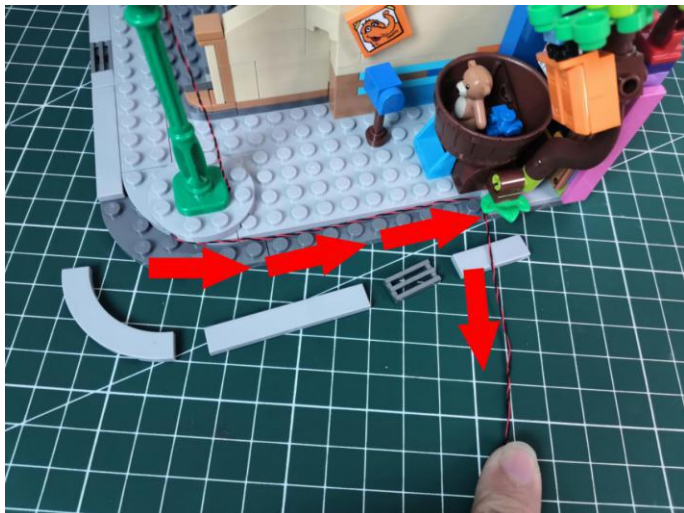
Reconnect the lamp.



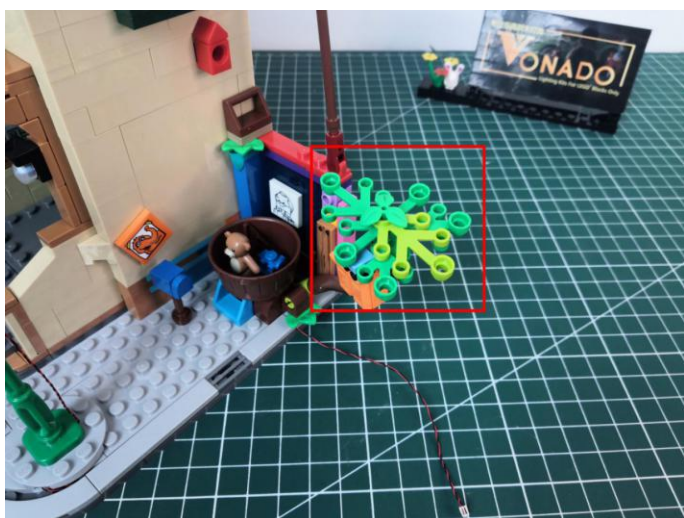
Remove the following 4 pieces.



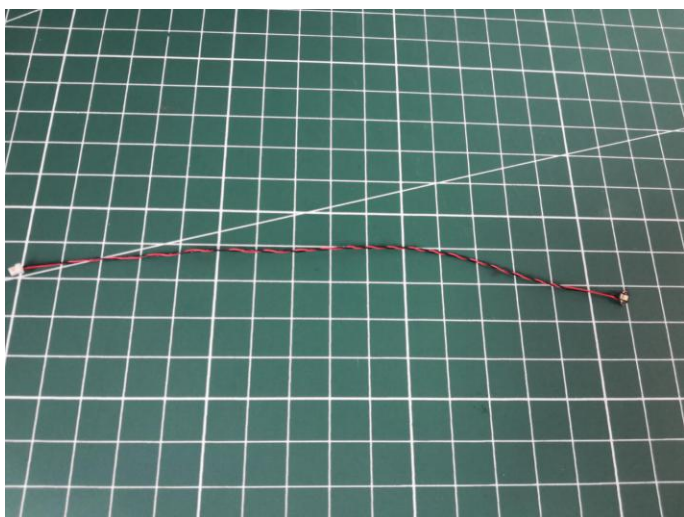
Place the cable as per below, reconnect the pieces.



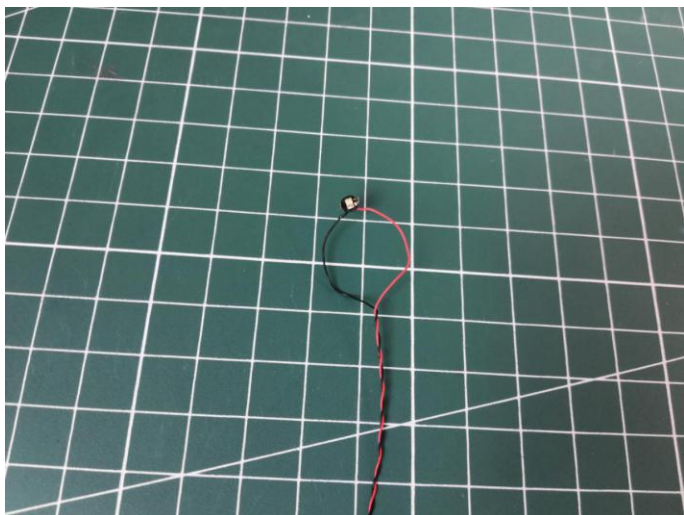
Remove the following tree.



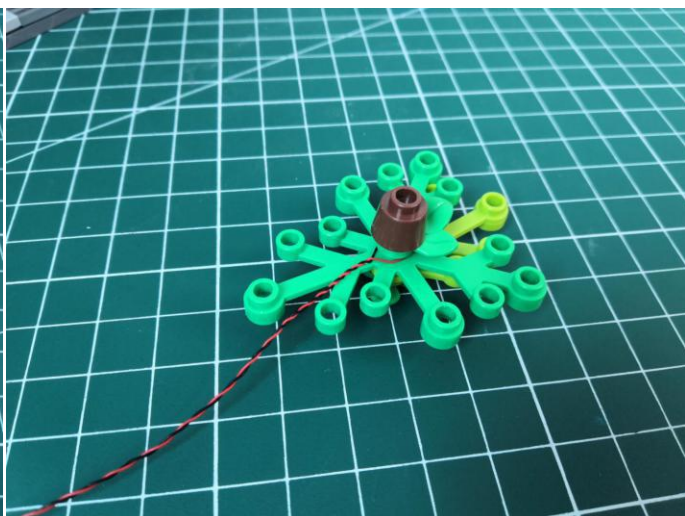
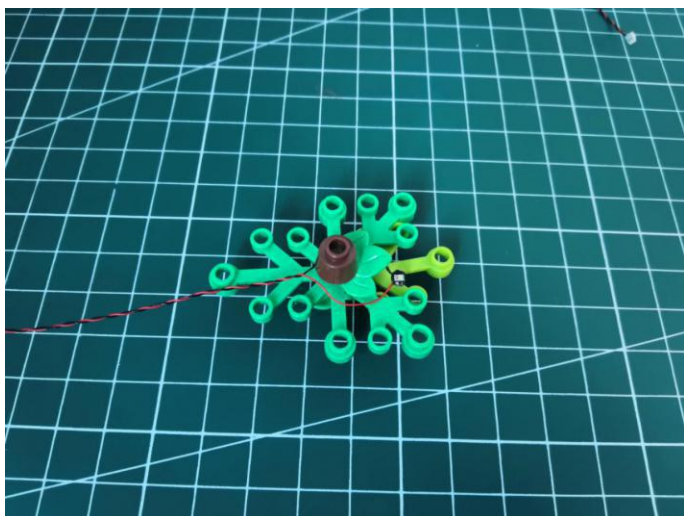
Take a green 15cm dot light.



Split the cable as per below.



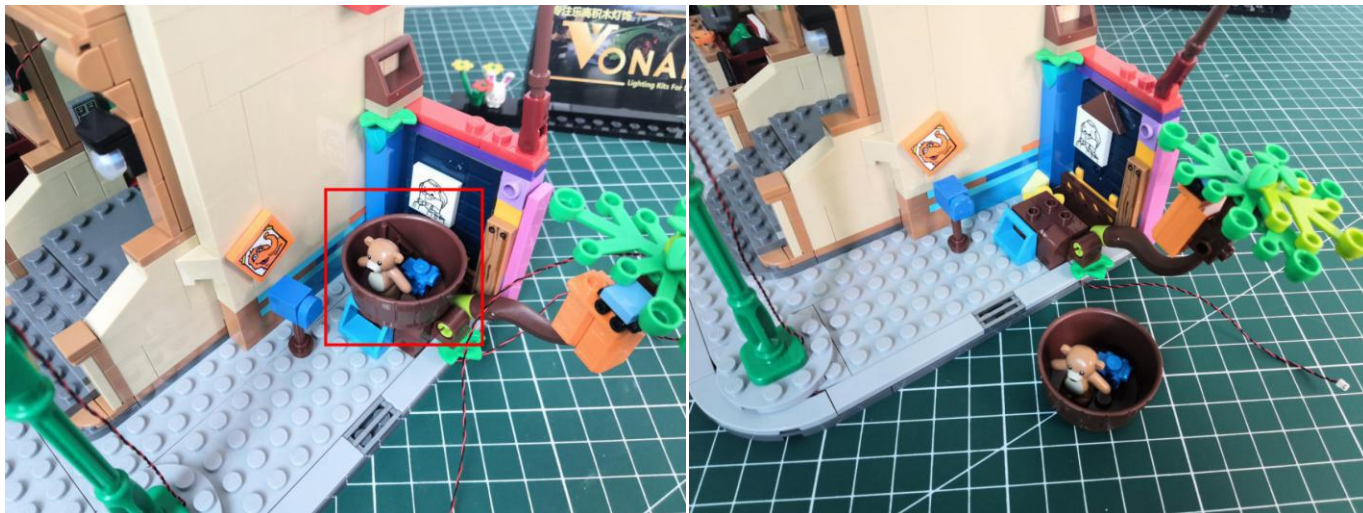
Place the light on the tree, and screw the cable up as per below.



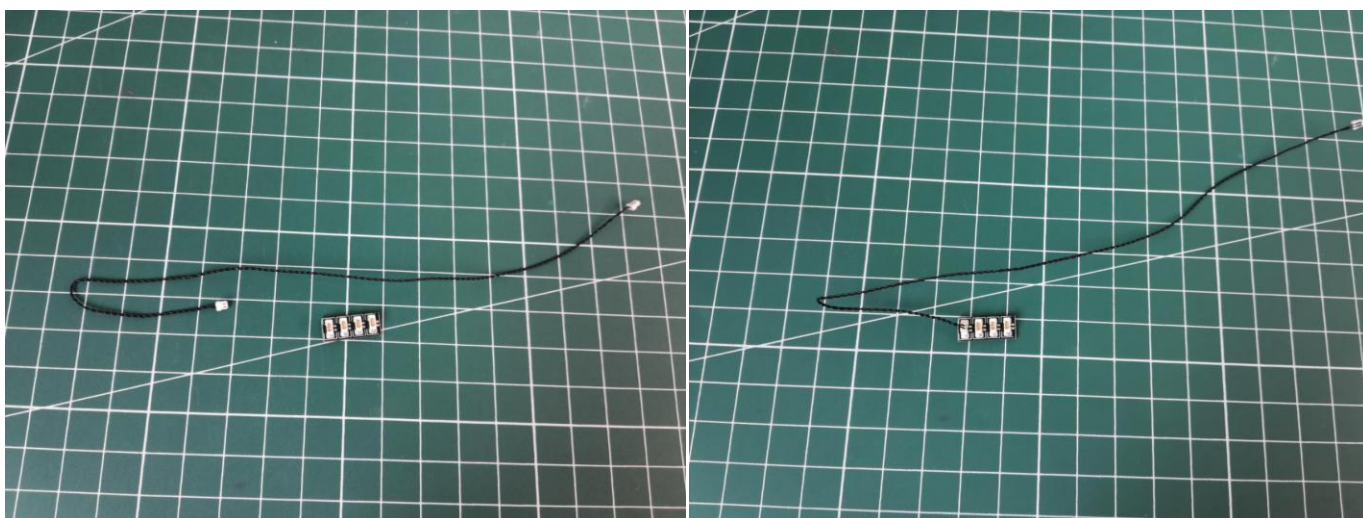
Reconnect the tree.



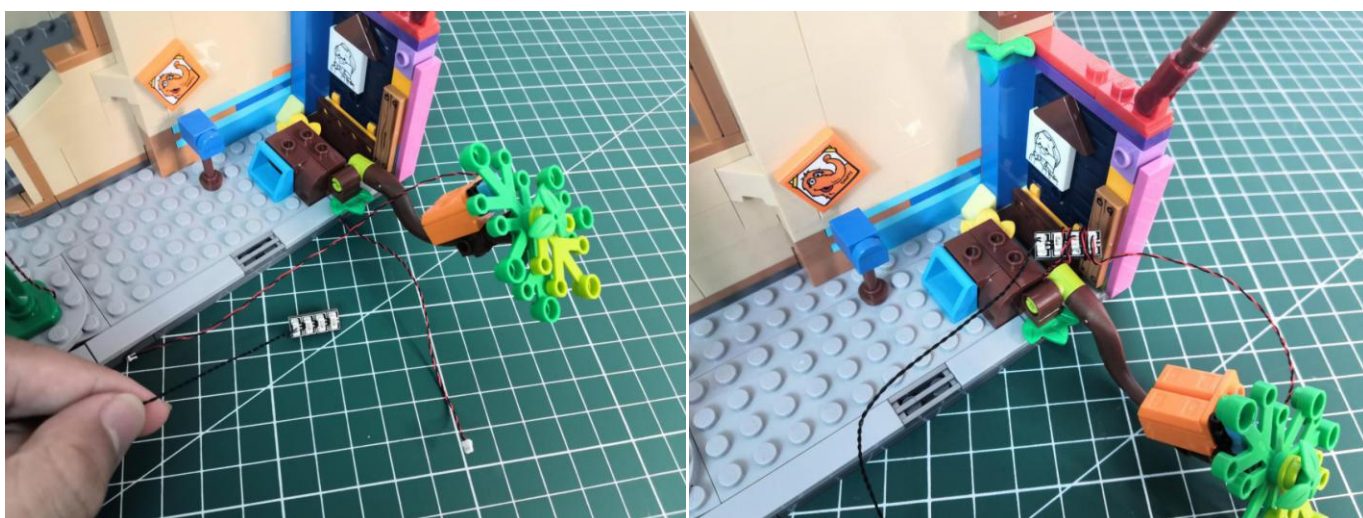
Remove the following piece.



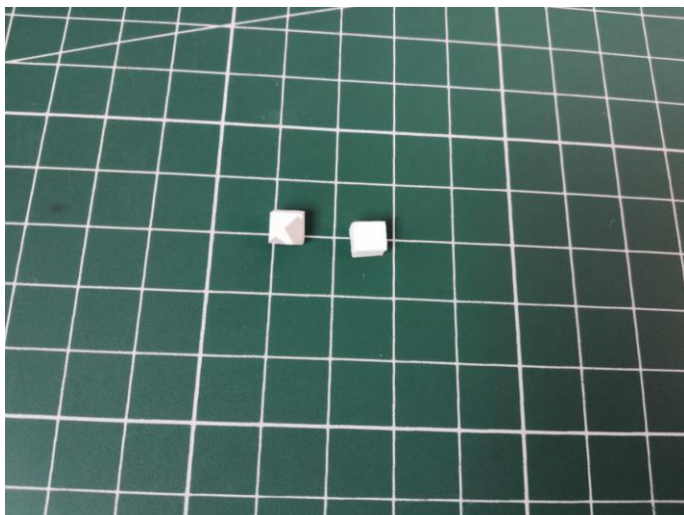
Take a 20cm connecting cable, a 4-port expansion board, assemble them as per below.



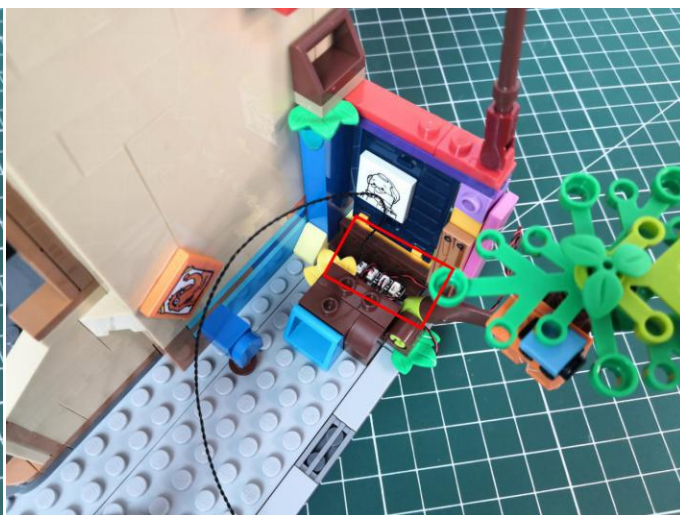
Connect the following 2 cables to the expansion board, and tuck excess cables around the expansion board.



Take 2 adhesive squares.



Stick them to the back of the expansion board, and stick the expansion board to the following place.



Thread the cable through the following space and pull it to the back.



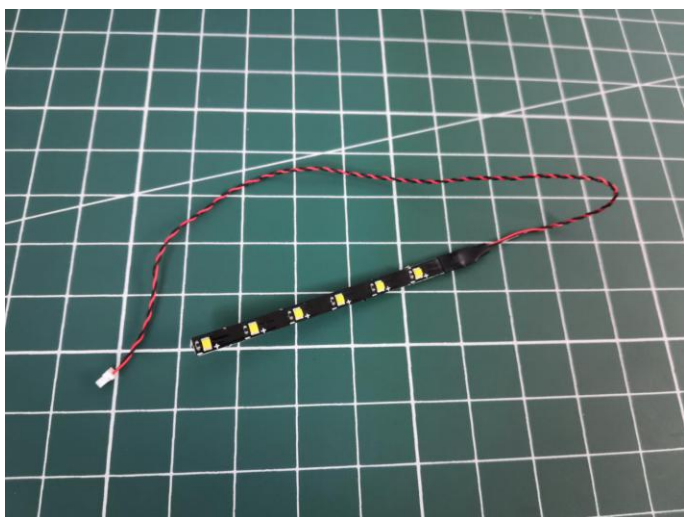
Reconnect the following piece.



Turn to the left behind.



Take a warm white 15cm strip light.



Stick the strip light to the following place.



Create a gap at the following place.



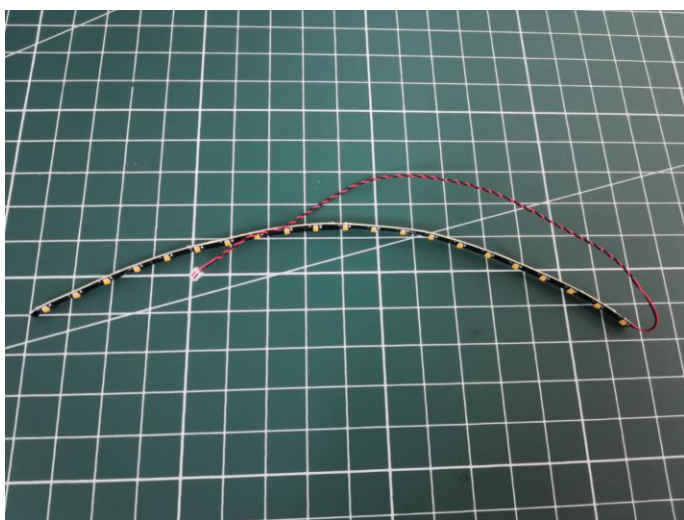
Thread the cable through the following space to the back, close the gap.



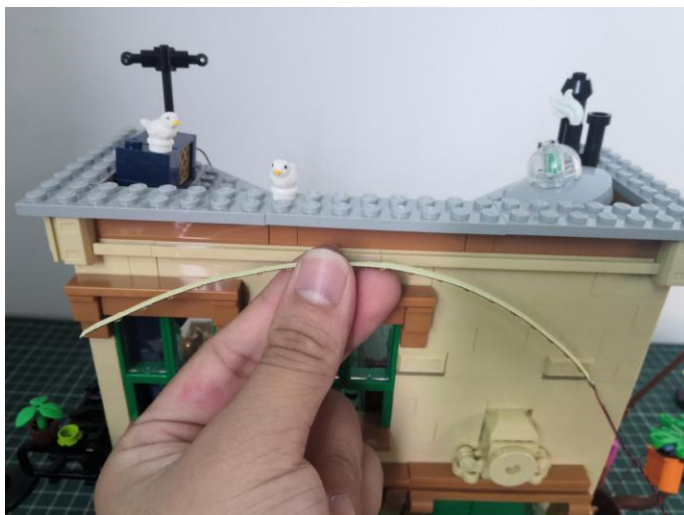
Turn to the front.



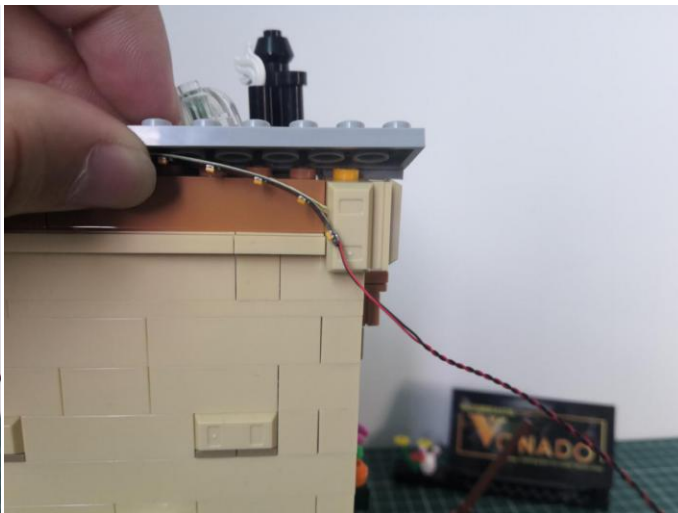
Take a warm white 15cm strip light.



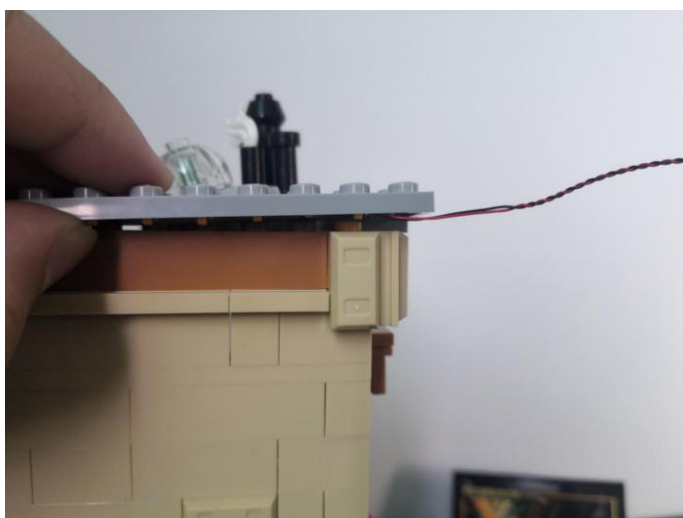
Stick the strip light to the following place.



Turn to the tail of the strip light, lift the following gray piece.



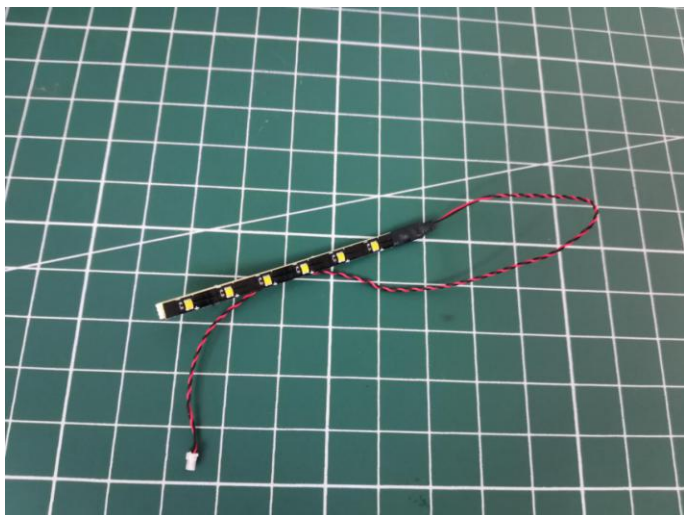
Stick the strip light as per below, reconnect the gray piece.



Turn to the right behind.



Take a warm white 15cm strip light.



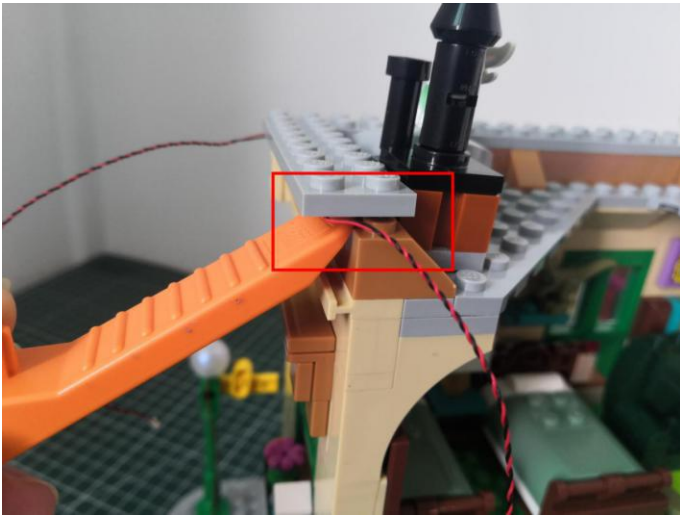
Stick the strip light to the following place.



Take the following cable, place it to the right side.



Create a gap at the following place.



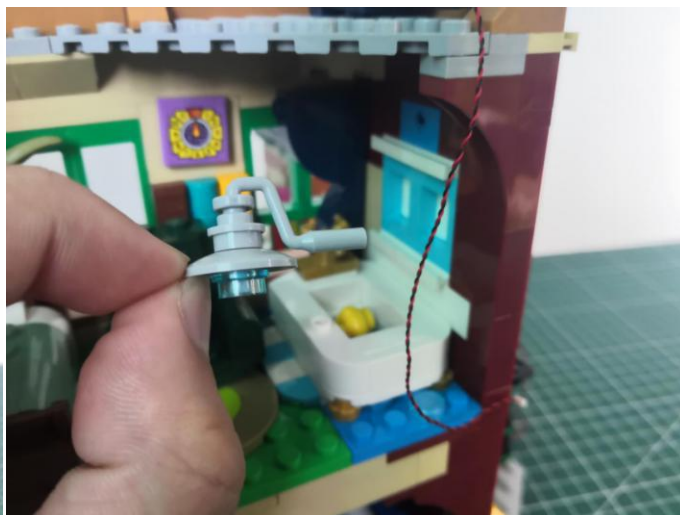
Thread the 2 cables through the gap and pull them to the back, close the gap.



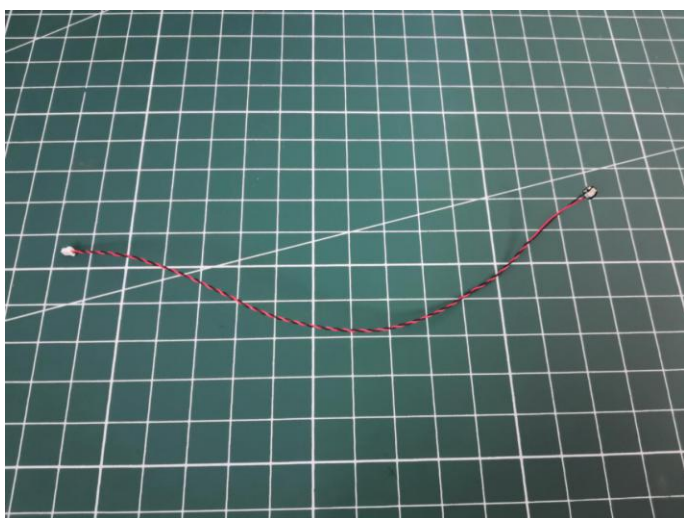
Turn to the back.



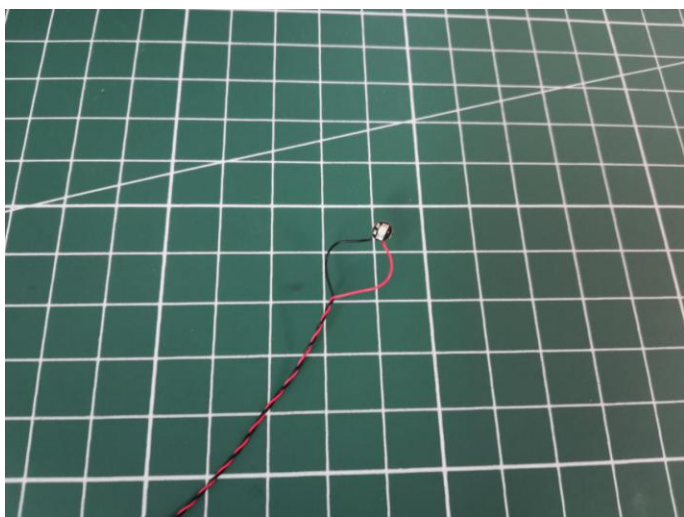
Remove the shower from the second floor.



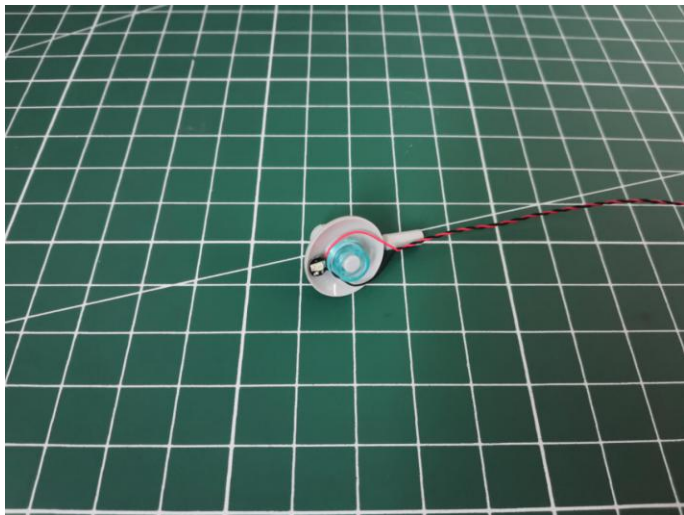
Take a blue 15cm dot light.



Split the cable as per below.



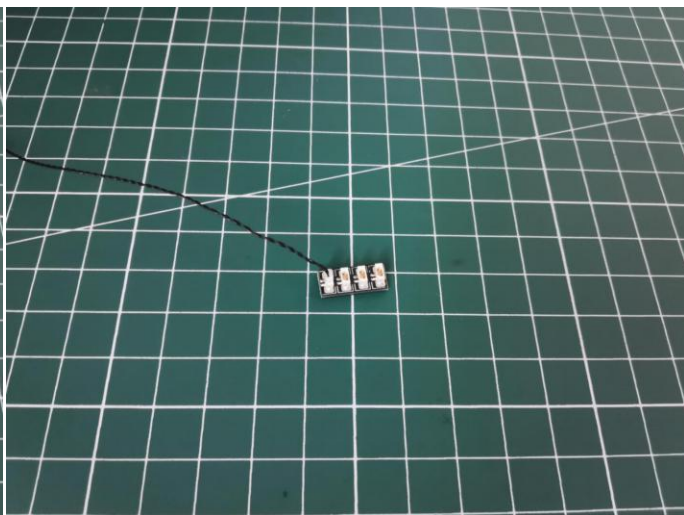
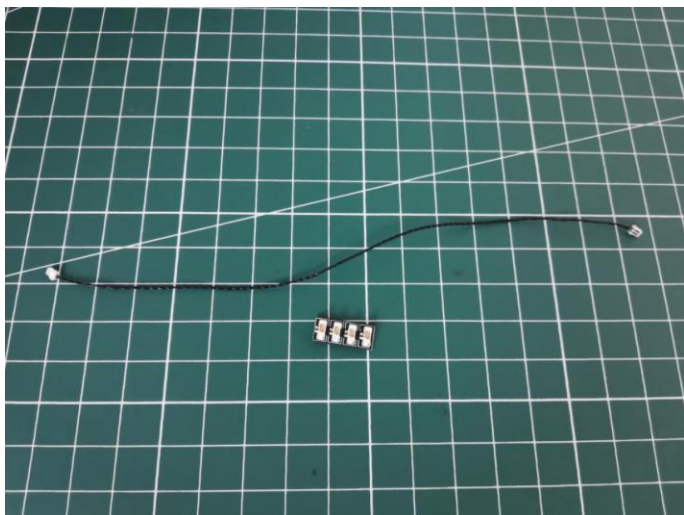
Place the light at the following place in between the 2 round pieces, and screw the cable up.



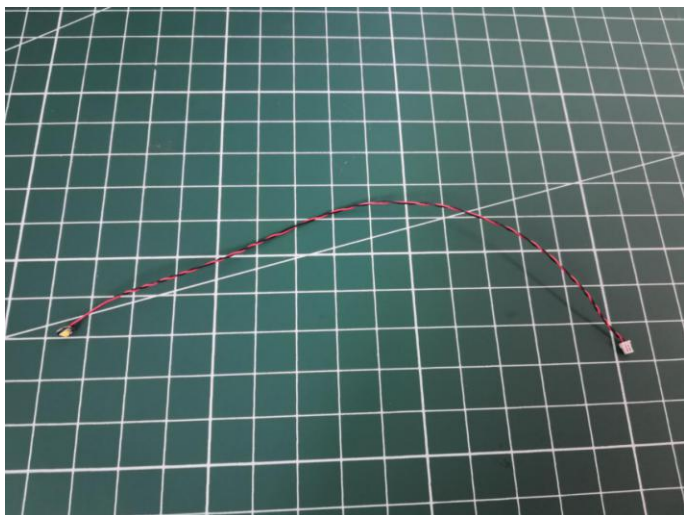
Reconnect the shower.



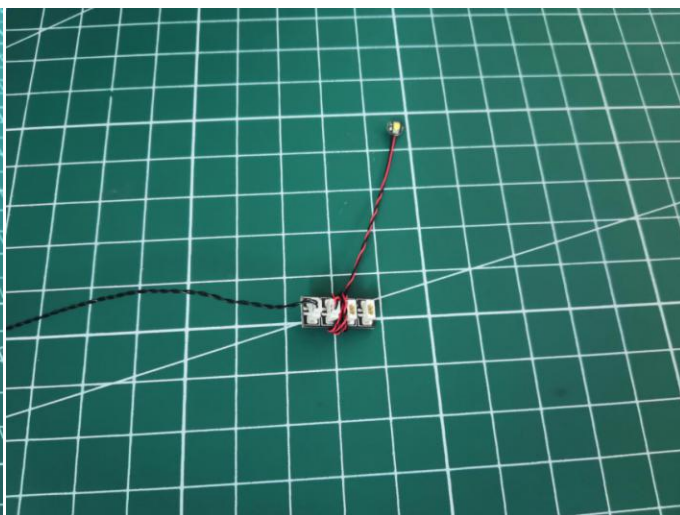
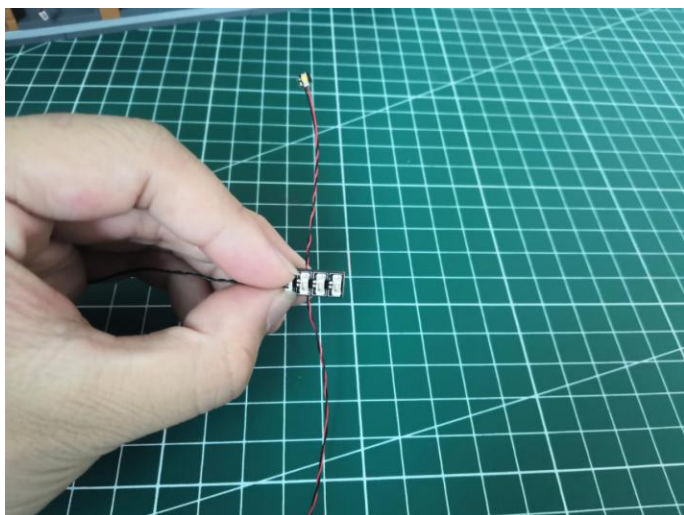
Take a 15cm connecting cable, a 4-port expansion board, assemble them as per below.



Take a warm white 15cm dot light.



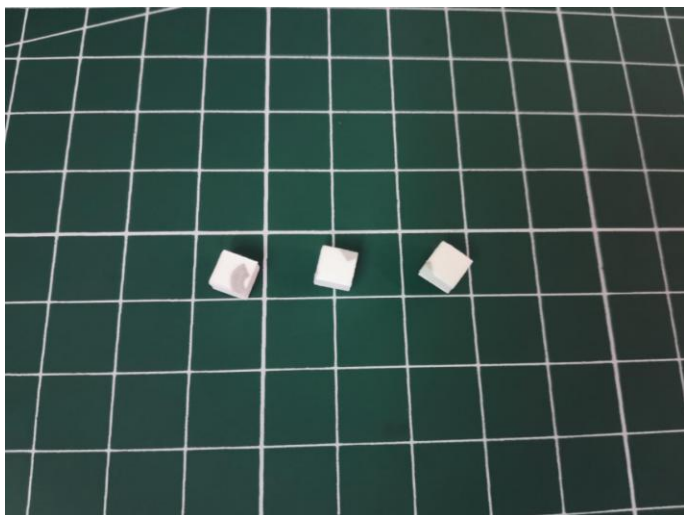
Save some length, connect it to the expansion board, and tuck excess cable around the expansion board.



Connect the following 2 cables to the expansion board, and tuck excess cables around the expansion board.



Take 3 adhesive squares.



Stick 2 adhesive squares to the back of the expansion board, stick one adhesive square to the back of the light as per below.



Stick the light to the roof of the right room, and stick the expansion board to the following place.



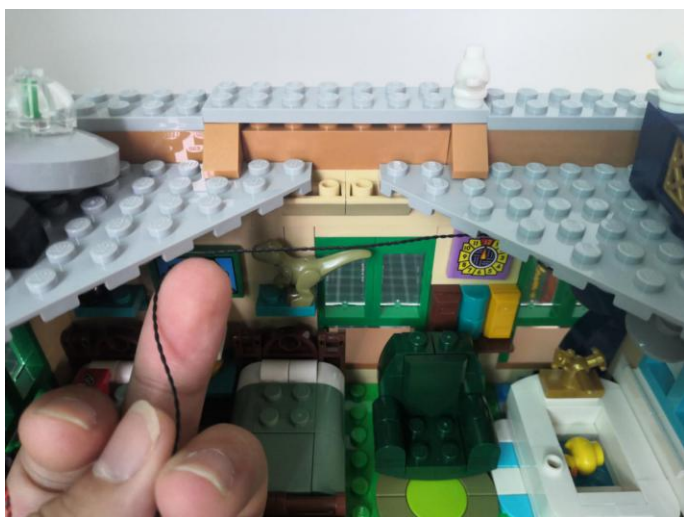
Remove the following gray piece.



Create gaps at both roofs as per below.



Place the cable as per below.



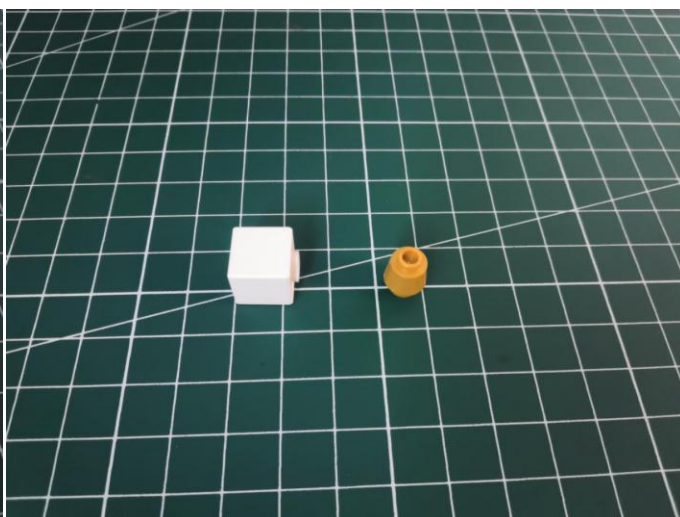
Reconnect the gray piece and close the gaps.



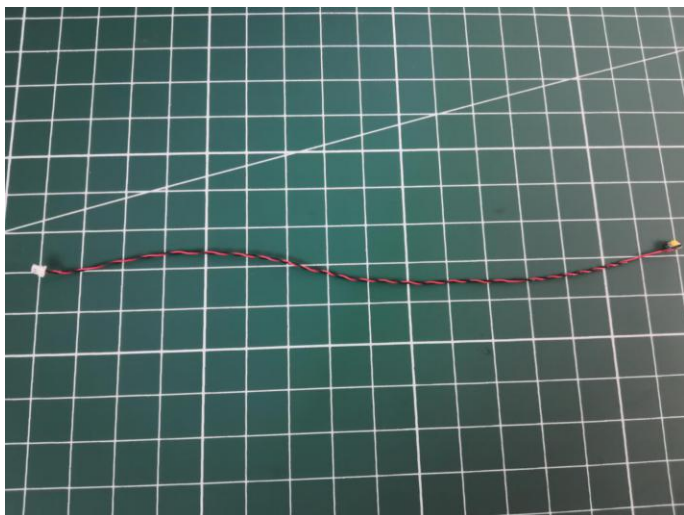
Remove the following lamp.



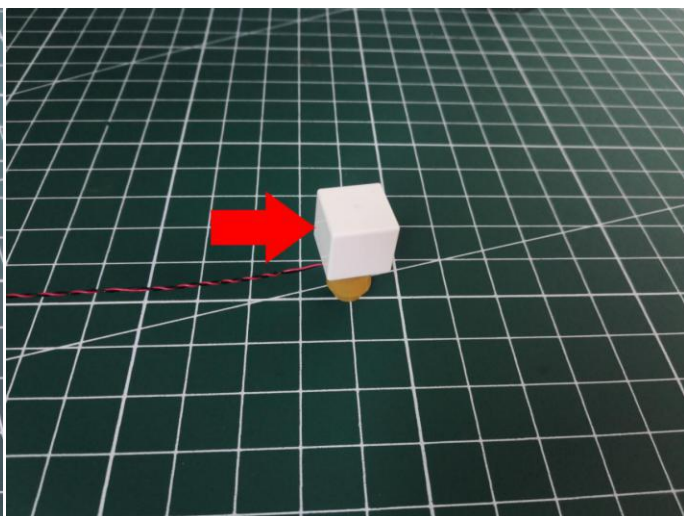
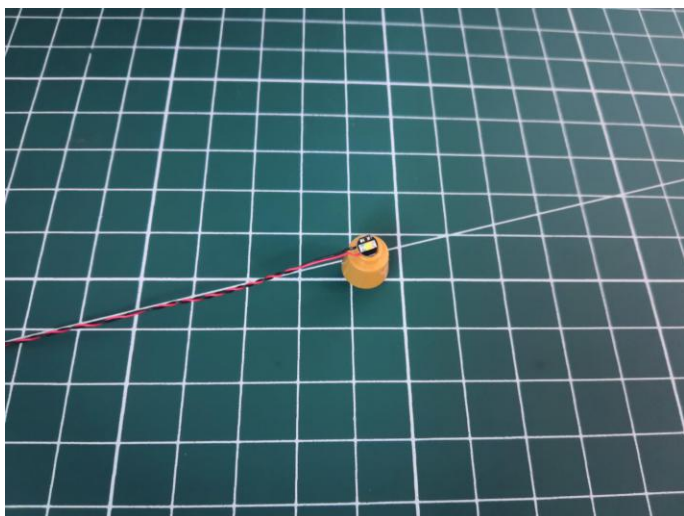
Disconnect the lampshade.



Take a warm white 15cm dot light.



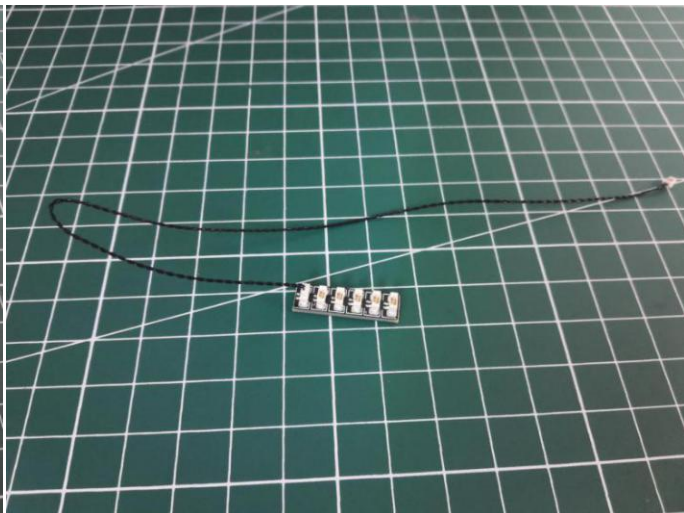
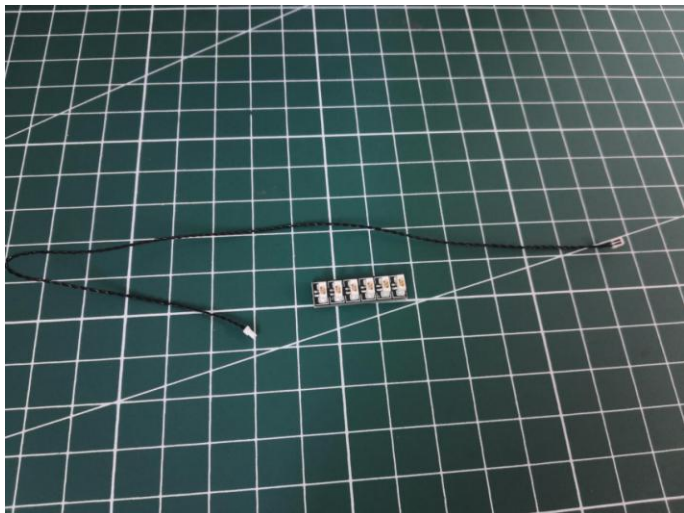
With lighting part facing up, reconnect the lampshade.



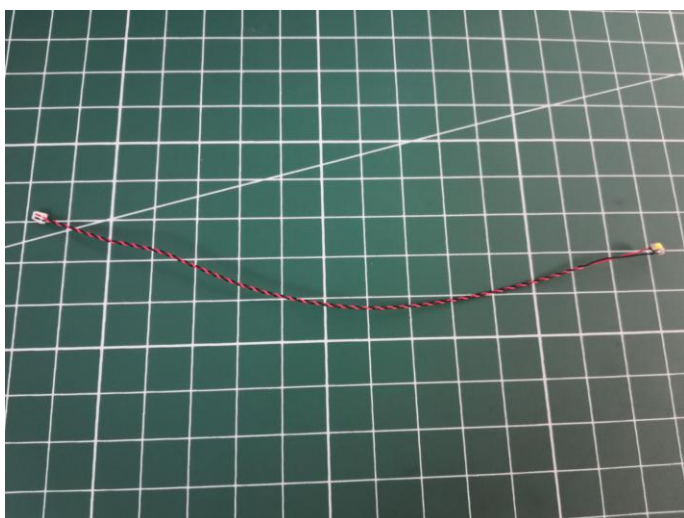
Reconnect the lamp.



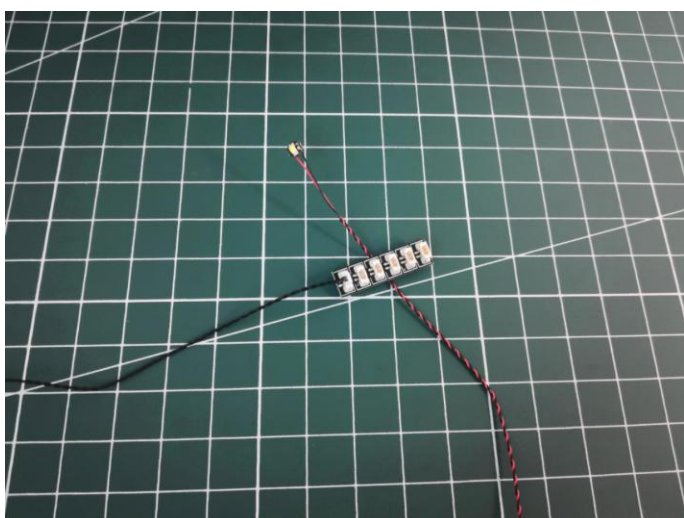
Take a 20cm connecting cable, a 6-port expansion board, assemble them as per below.



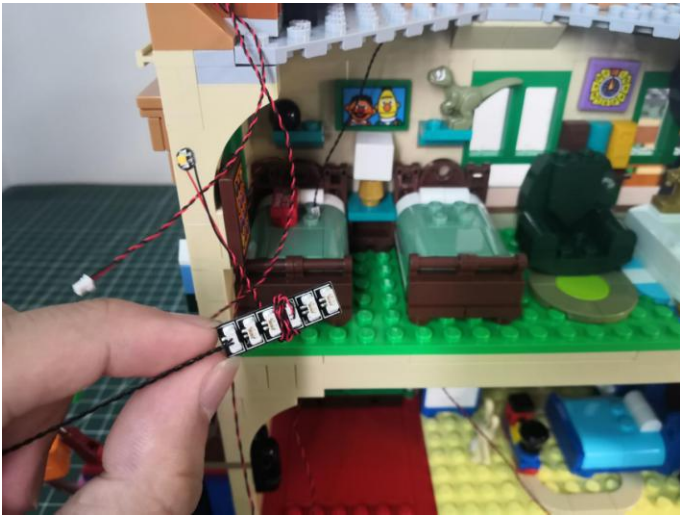
Take a warm white 15cm dot light.



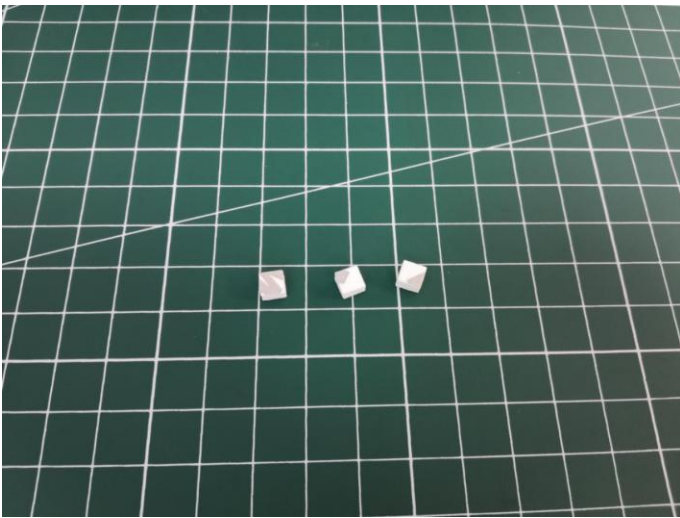
Save some length, connect it to the expansion board, and tuck excess cable around the expansion board.



Turn to the left room, connect all the cables to the expansion board, and tuck excess cables around the expansion board.



Take 3 adhesive squares.



Stick 2 adhesive squares to the back of the expansion board, stick one adhesive square to the back of the light as per below.



Stick the light to the roof of the left room, and stick the expansion board to the following place.



Remove the frame.



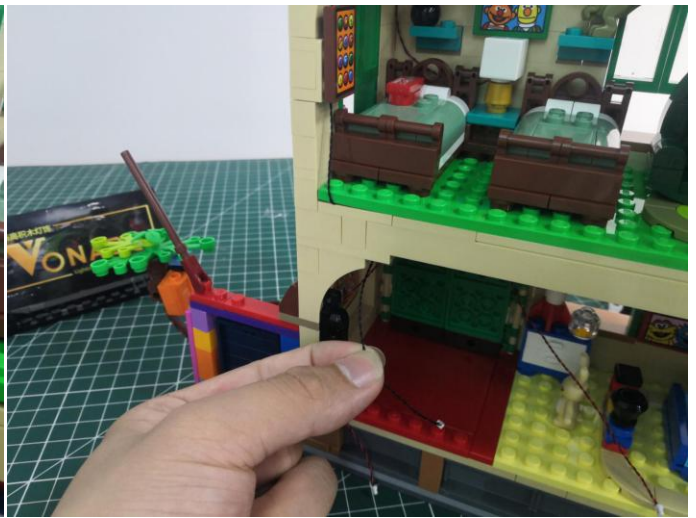
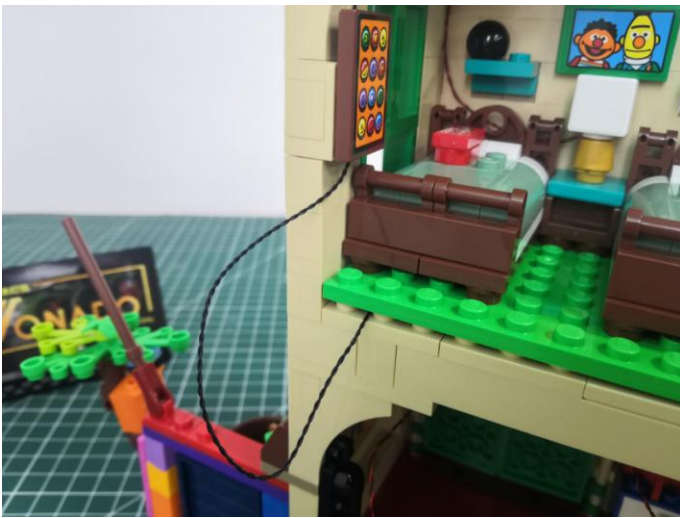
Place the cable as per below, reconnect the frame.



Create a gap at the floor as per below.



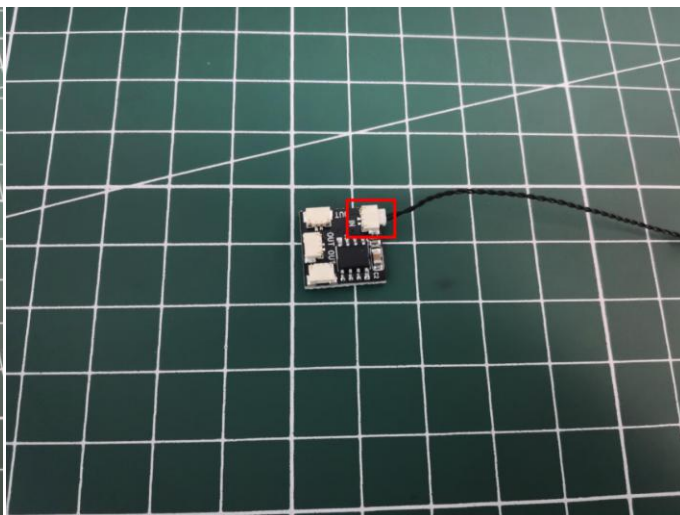
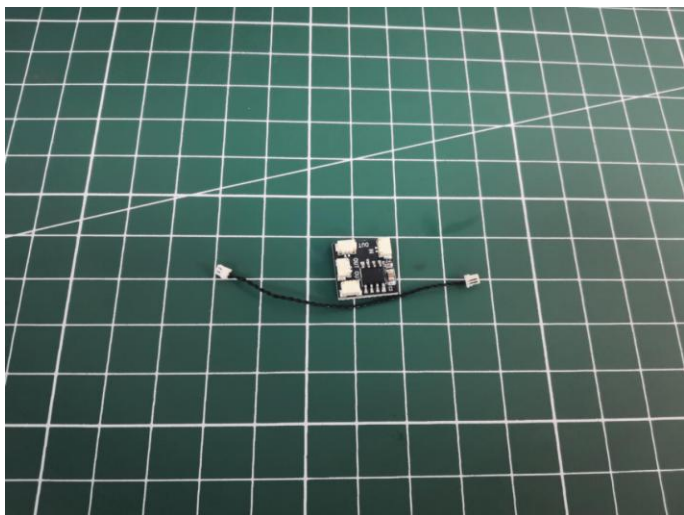
Thread the cable through the gap, and pull it out from the bottom, close the gap.



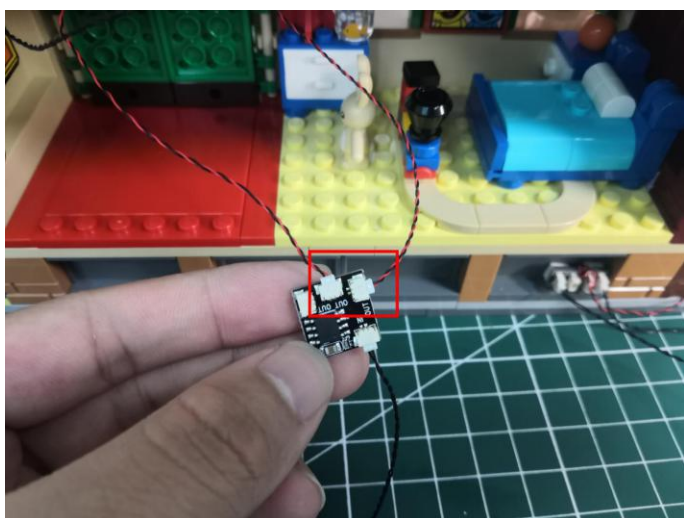
Take the 2 cables of the wall lamps.



Take a 5cm connecting cable, a Flicker Effects Board, connect the cable to the IN port on the Flicker Effects Board.



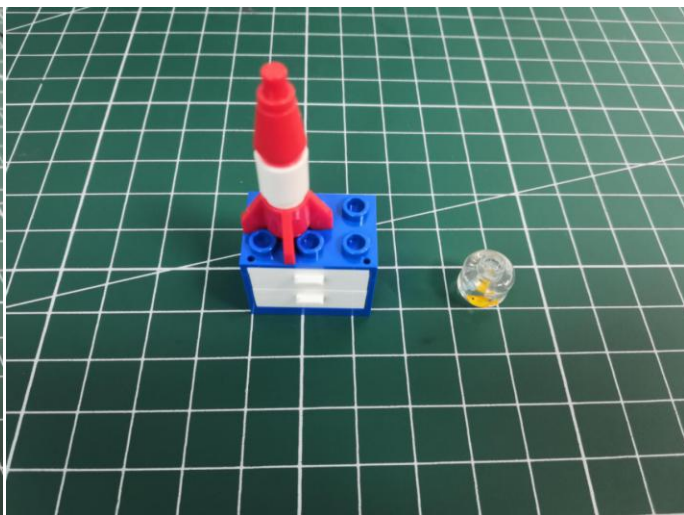
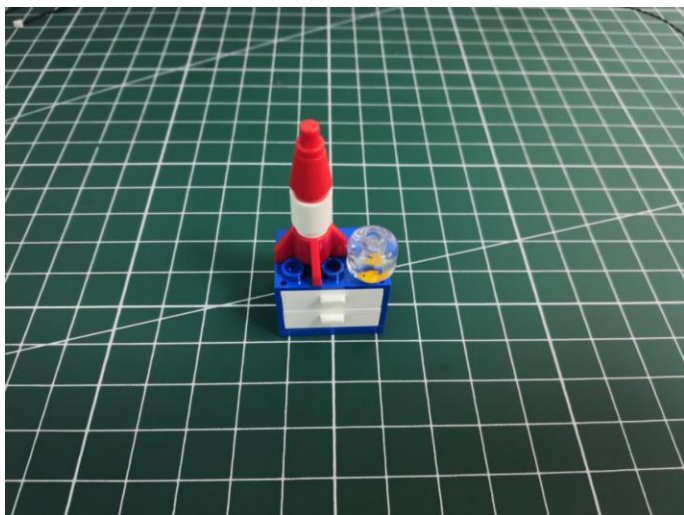
Connect the 2 cables from the wall lamps to the OUT ports on the Flicker Effects Board.



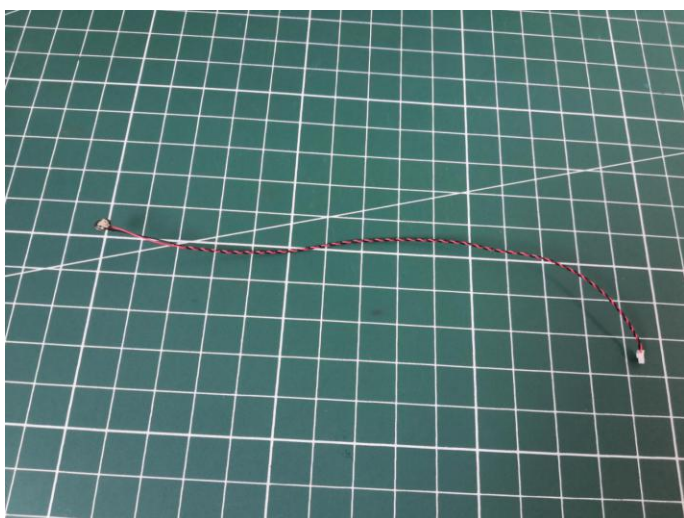
Remove the following piece from the room at the first floor.



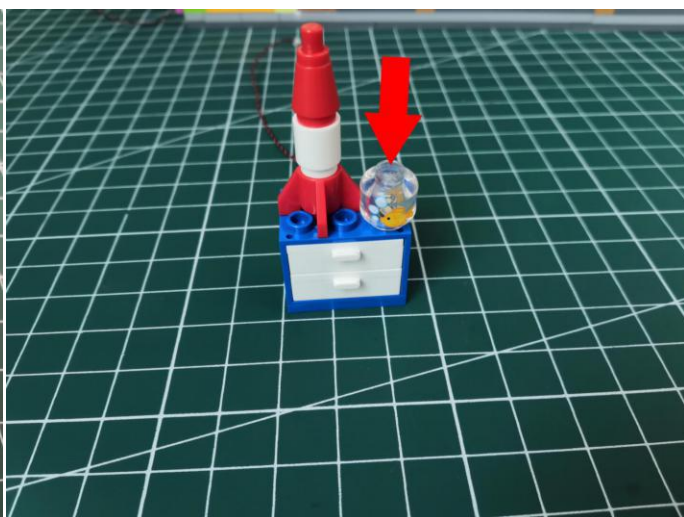
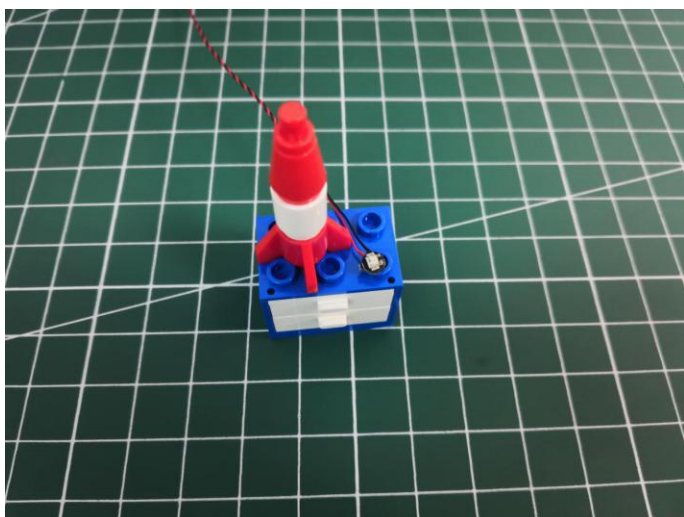
Remove the fish tank.



Take a 15cm Multi Colour Flashing Light.



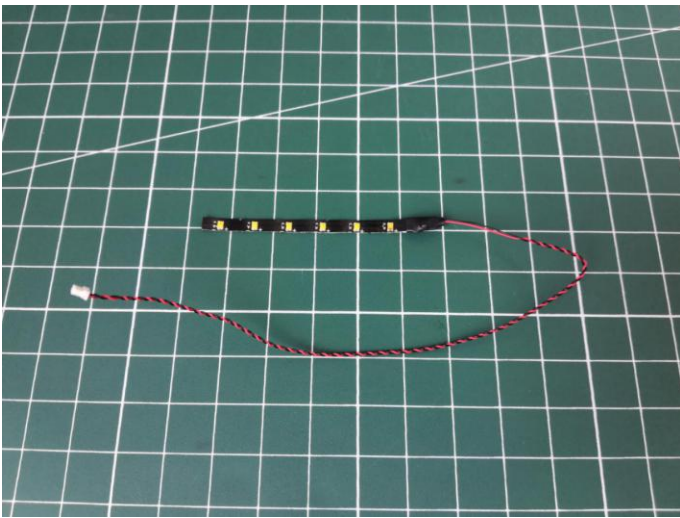
With lighting part facing up, reconnect the fish tank.



Reconnect the following piece.



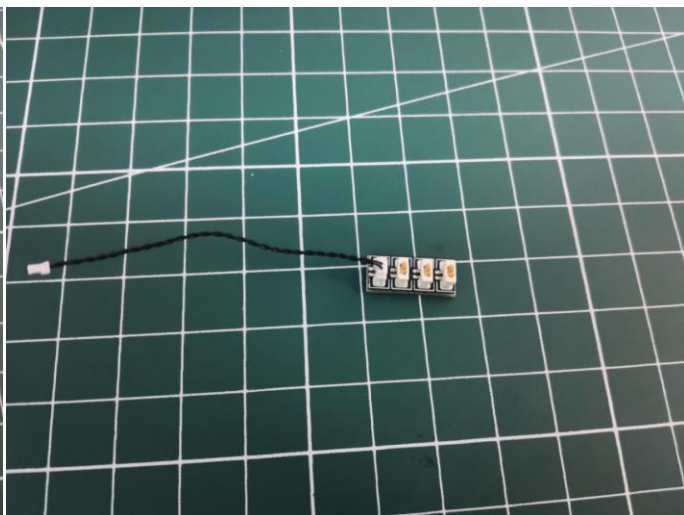
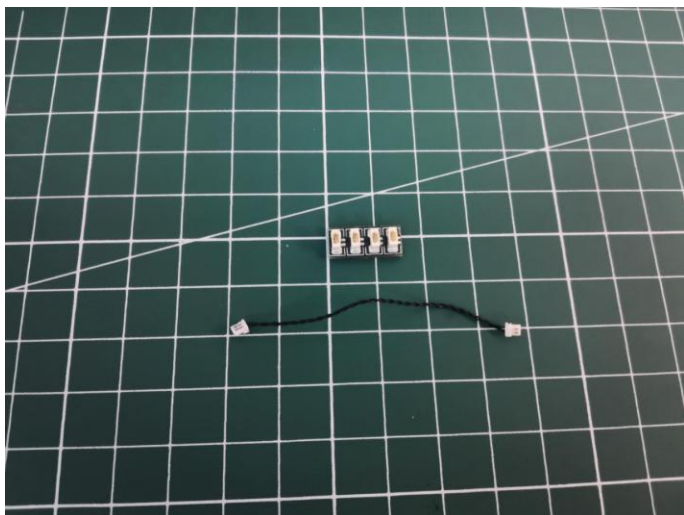
Take a warm white 15cm strip light.



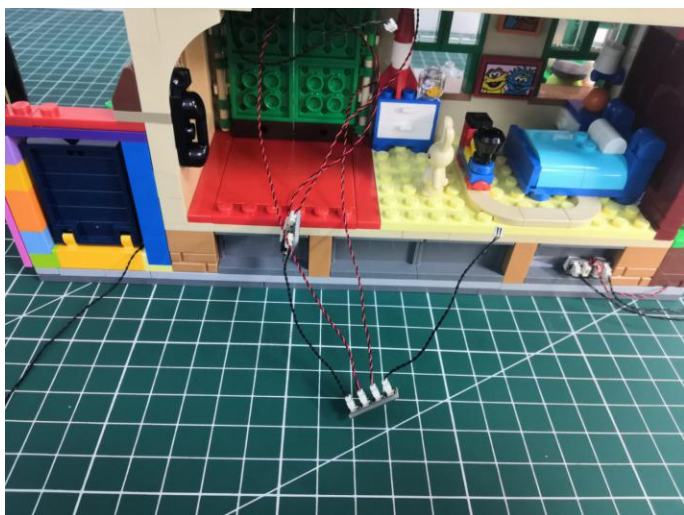
Stick the strip light to the roof of the first floor.



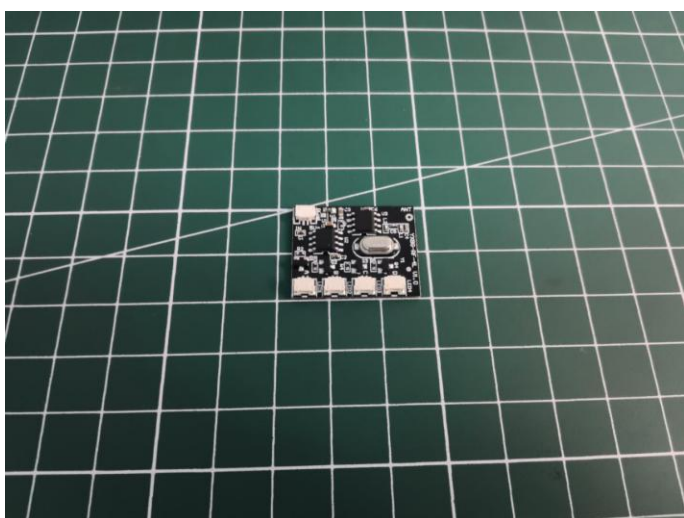
Take a 5cm connecting cable, a 4-port expansion board, assemble them as per below.



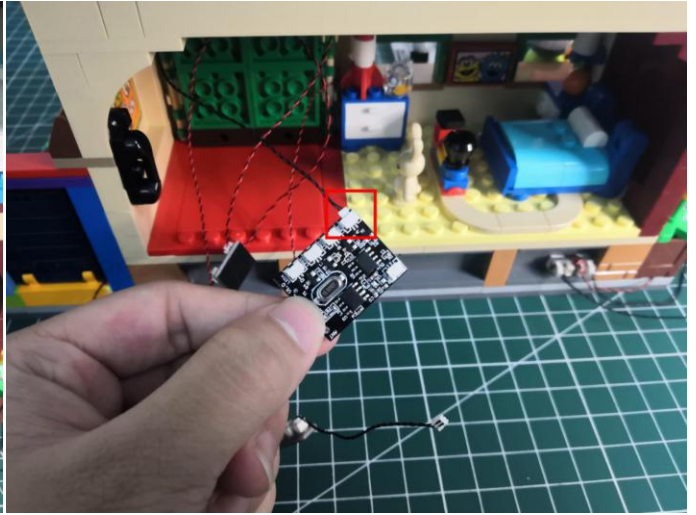
Connect the following 2 cables and the cable from the Flicker Effects Board to the expansion board, and tuck excess cables around the expansion board.



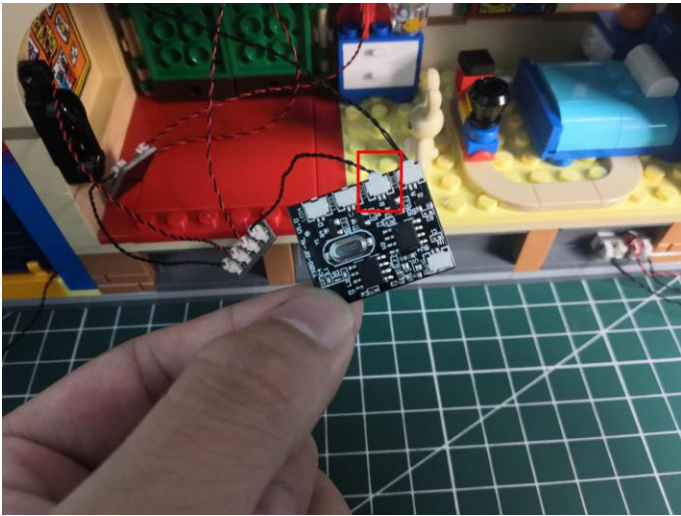
Take a Remote Control Switch Board.



Connect the cable from the second floor to the A port.



Connect the cable from the expansion board at the first floor to the B port.



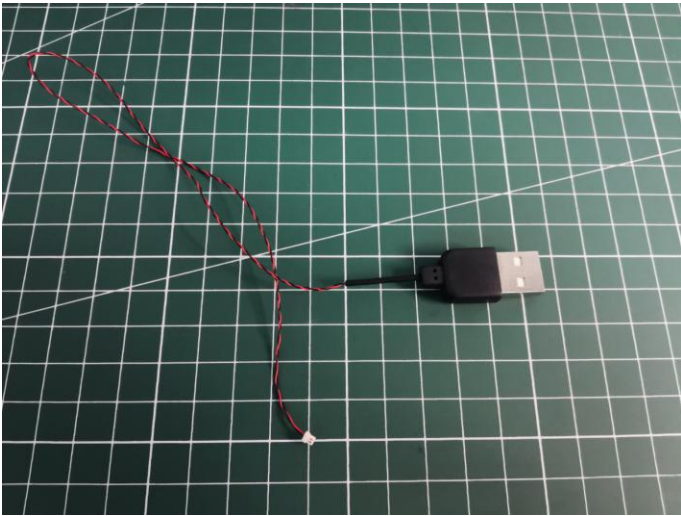
Take the following cable, connect it to the C port.



Connect the cable from the street lamp to the D port.



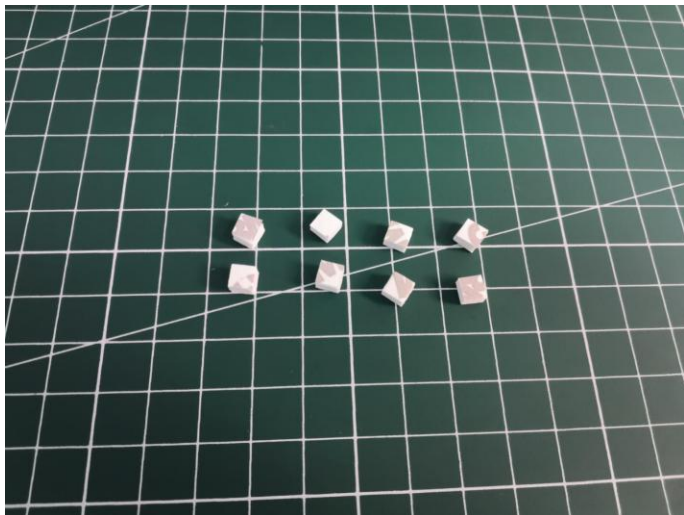
Take a USB cable.



Connect the USB cable to the IN port.



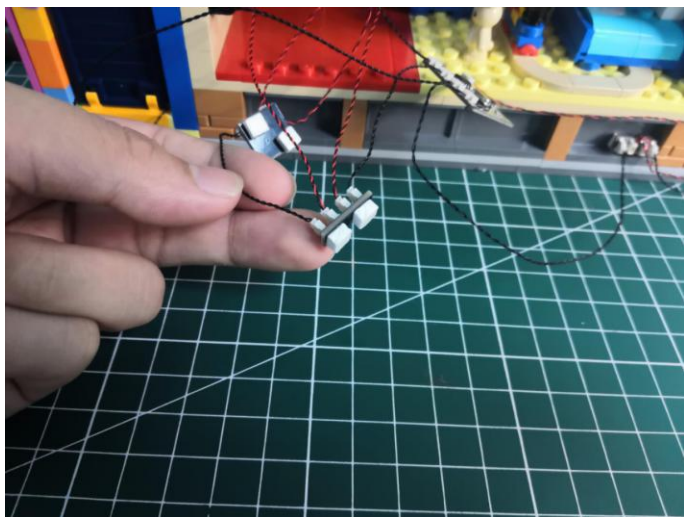
Take 8 adhesive squares.



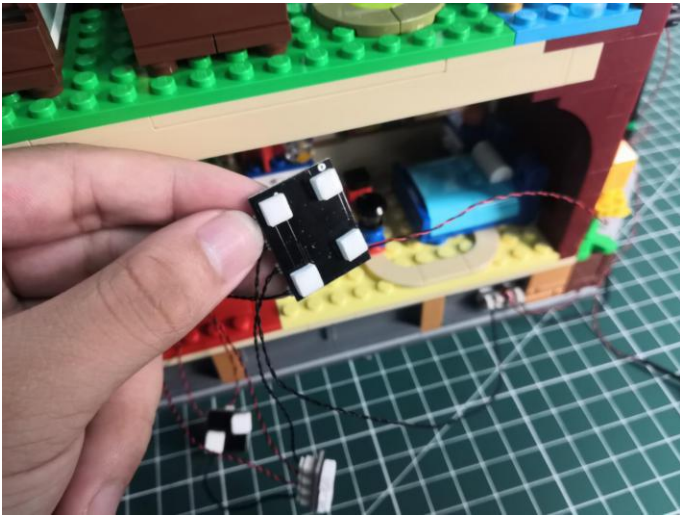
Stick 2 adhesive squares to the back of the Flicker Effects Board.



Stick 2 adhesive squares to the back of the expansion board.



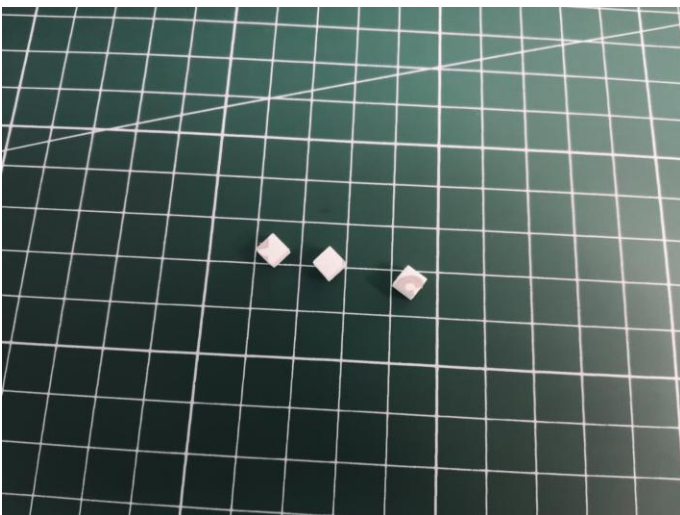
Stick 4 adhesive squares to the back of the Remote Control Switch Board.



Stick them to the roof of the first floor as per below.



Take 3 adhesive squares.



Stick them to the following places to secure the cables.



This completes installation of this LED Lighting Kit. ENJOY! (A port: lights from the second floor; B port: lights from the first floor ; C port: lights from the side house; D port: street light.)



The above are ideas and instructions provided by our designers. Please move on:

- 1: Do you have any suggestions about the material and quality of our products?
- 2: Do you have any suggestions on the installation instructions and the degree of difficulty of the installation?
- 3: If you have better installation method and ideas, please contact us in time.