

Package Contents:

6 x 30cm white light grain

2 x30cm self-flash white light grain

2 x6 port socket

1 x White Column Street Light

6 xLED light strip white

1xAAA battery box (bring 3 AAA batteries)

1x 5cm cable

5x 15cm cable

1x 30cm cable

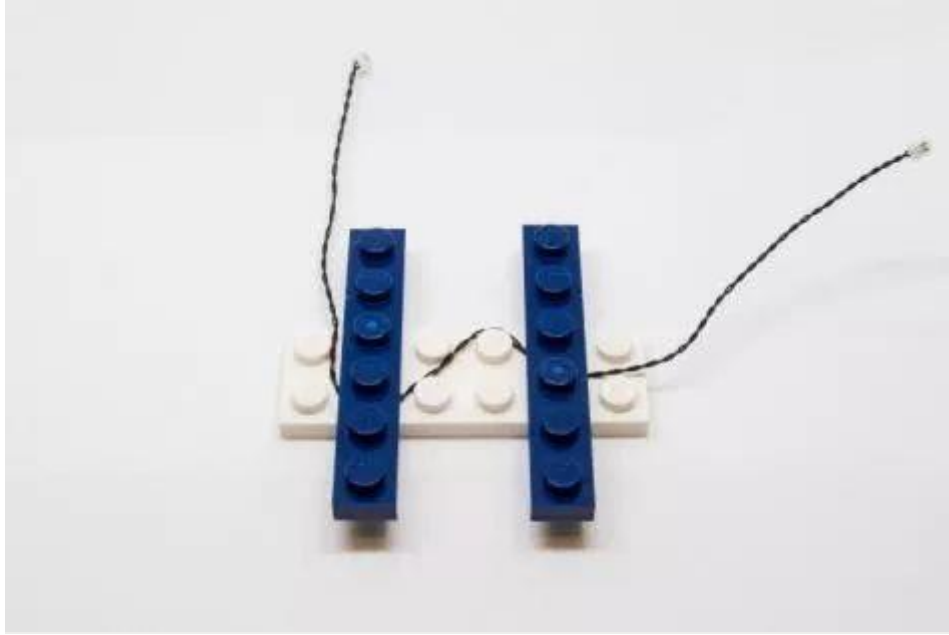
Several building block parts

Notes (the pictures in this paragraph are for demonstration purposes only and are not the parts of this set) :

Wiring above and below the board

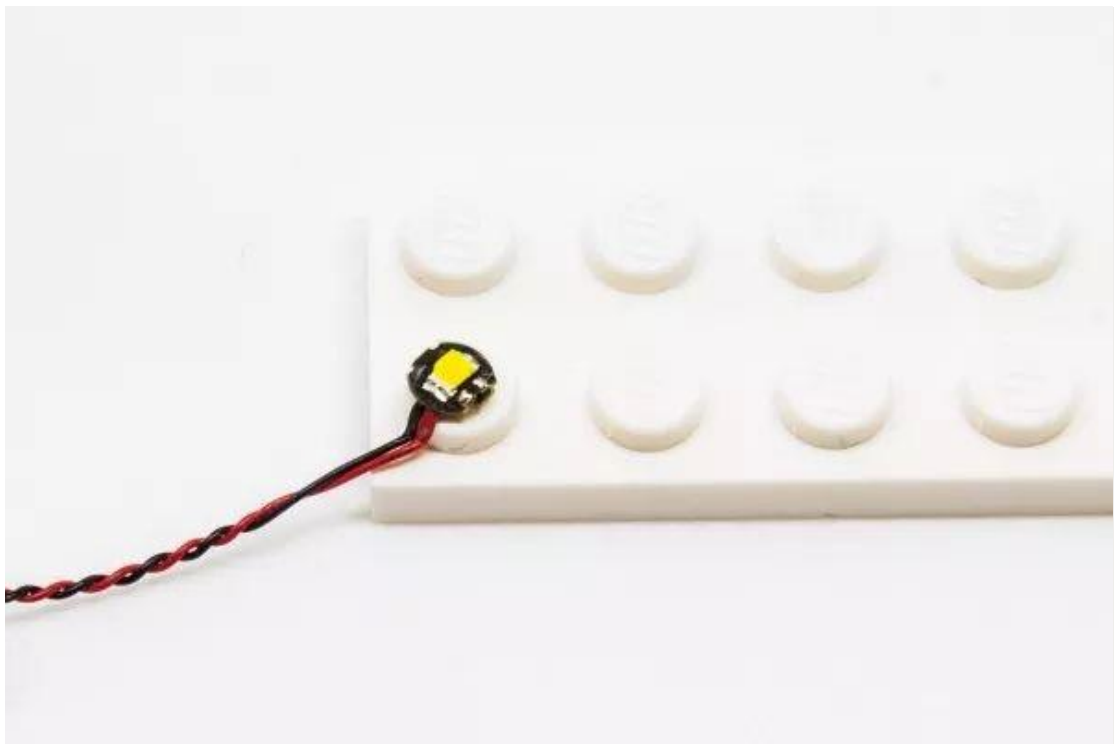
Wires can be run between boards or underneath boards, but they must be placed correctly between studs.

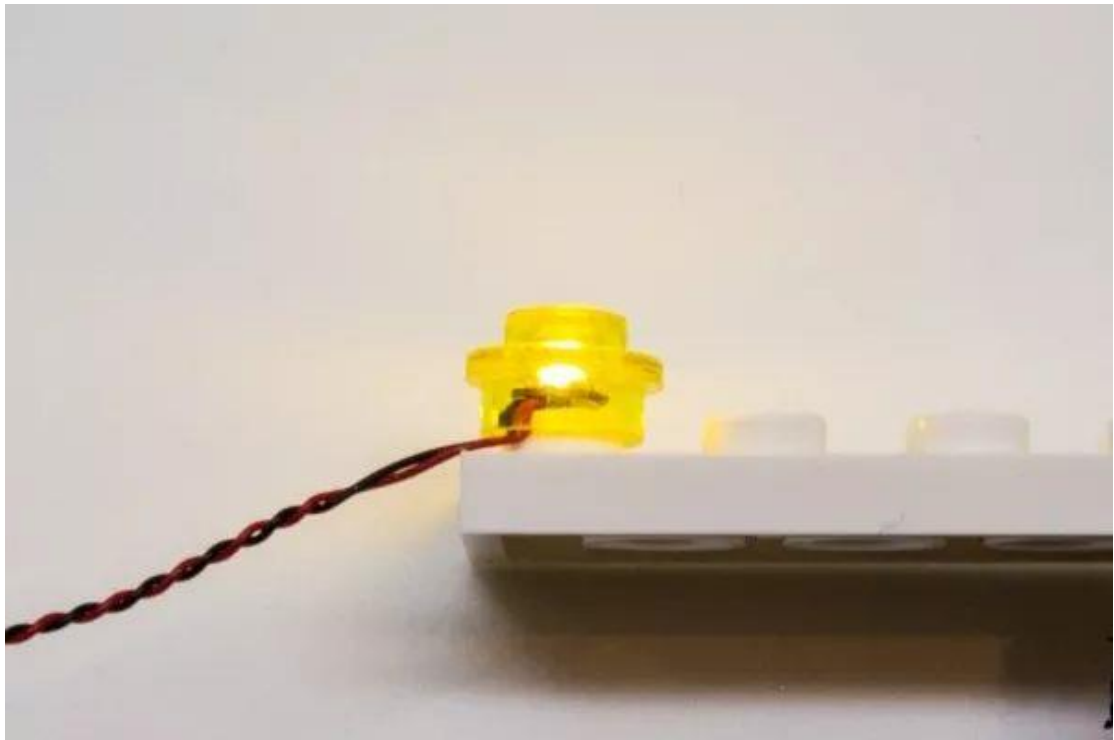




Install light particles on building blocks

Make sure they are positioned correctly (yellow LED assembly exposed). You can place them directly on top of the building block studs or in between.



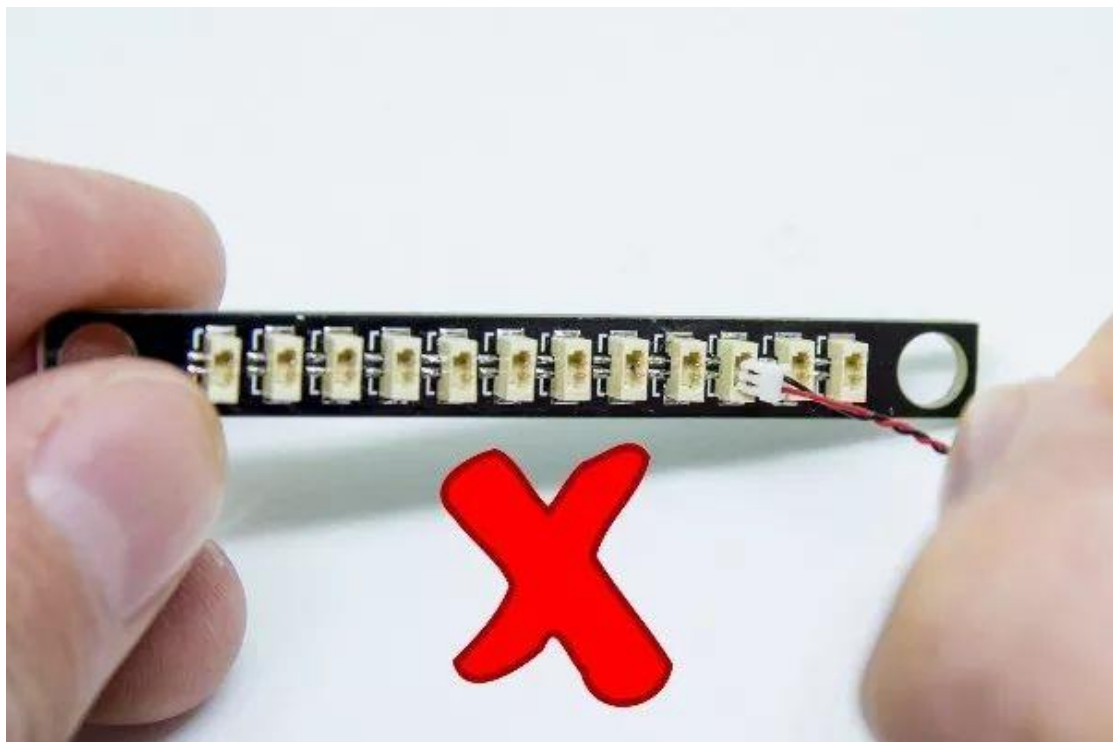


Connect the electrical outlet to the socket

Be extremely careful when inserting the wire plug into the outlet; the plug only goes in one way. With the plug facing up, look for the soldered "=" symbol on the left side of the port. The side of the plug

with the exposed wires should be facing the soldered "=" symbol as you insert it into the port. If the plug does not fit easily into the port, do not force it.

Inserting the socket incorrectly may cause the pins inside the port to bend or may cause the socket to overheat when connected.



Connect the wires to the light strip

Be extra careful when inserting the wires into the light bar connector. The plug can only be inserted one way. Place the light bar with the light-emitting side facing up and make sure the side of the plug with the wires exposed is facing down. If the plug does not easily fit into the connector, do not force it in. This can damage the connector and the plug.

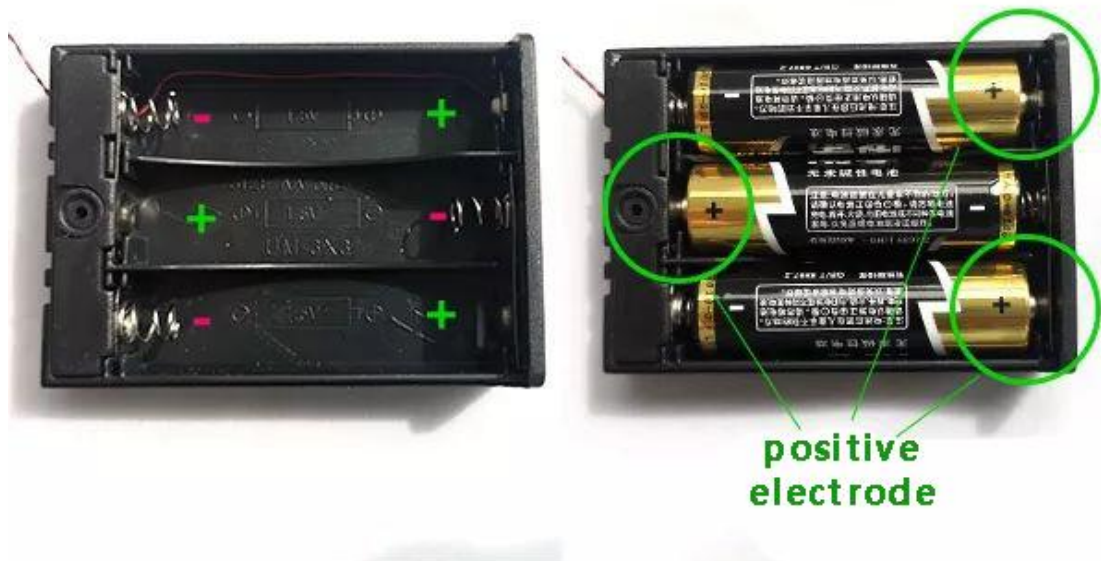
The correct connection method of the light bar



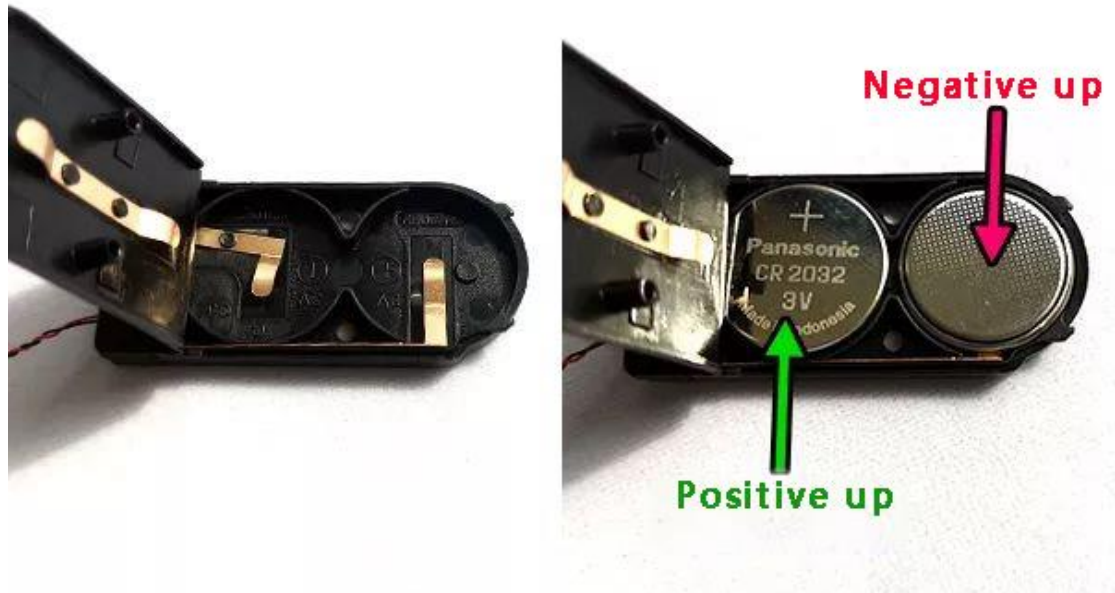
Insert the battery into the battery compartment

The specifications of several battery boxes are different, please pay attention to the positive and negative poles of the batteries.

AA battery box Correct battery installation



Button battery box (flat) battery correct installation method



**Button battery box (round)
battery correct installation**



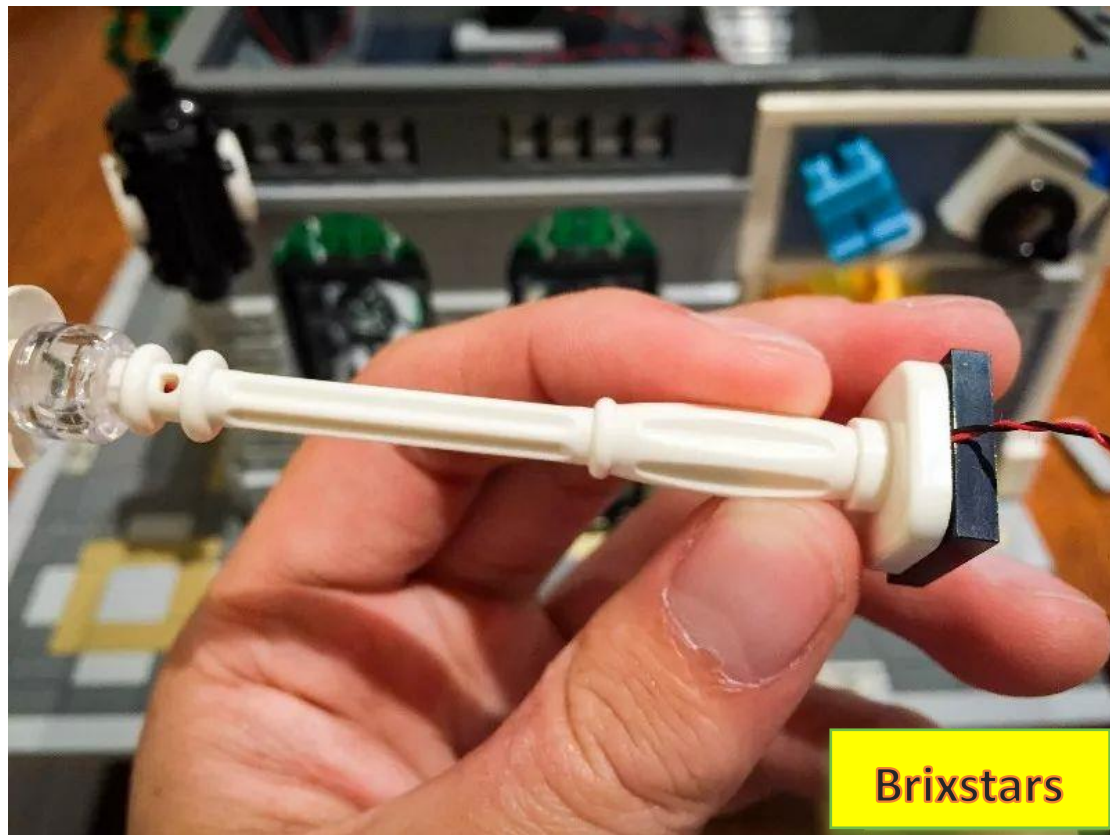
**2 batteries
positive side up**

Installation Instructions:

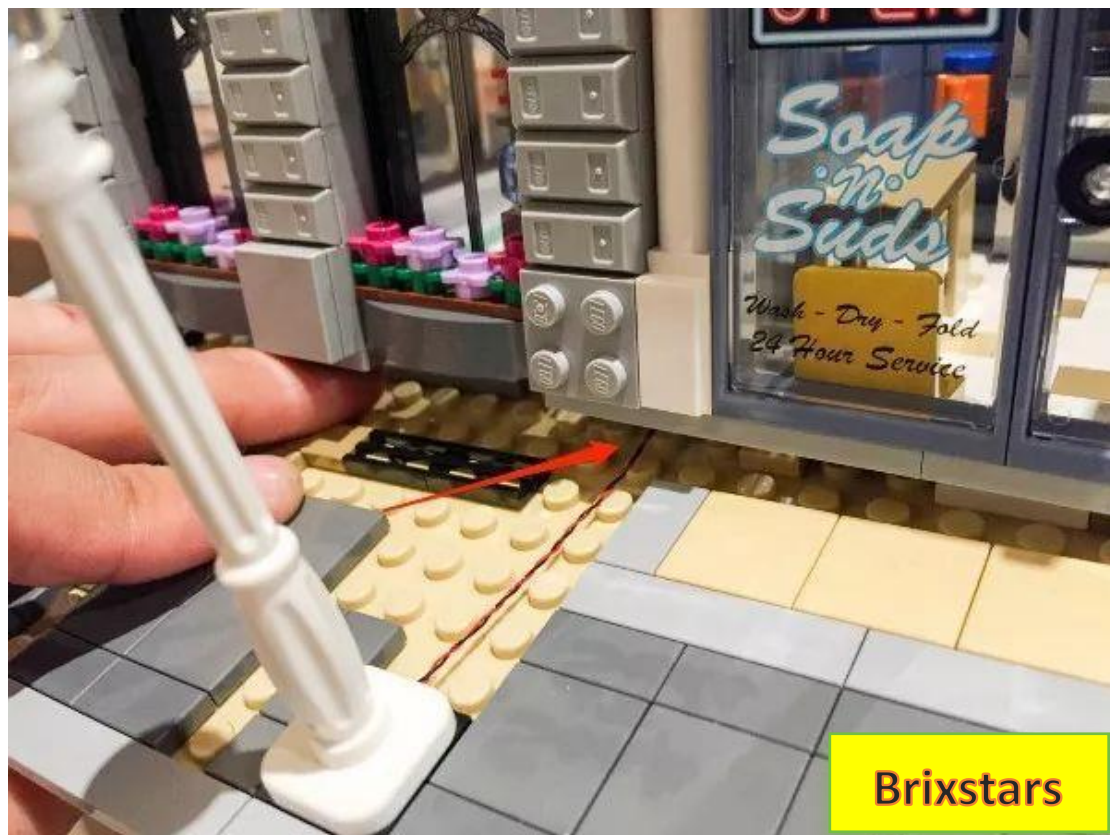
1.) This lighting fixture is installed from the bottom up. First remove the second and top floors of the building. And remove the floor tile parts shown in the picture.



2.) Replace the original lamp post with the one provided in the kit, making sure the wire is centered between the raised particles.



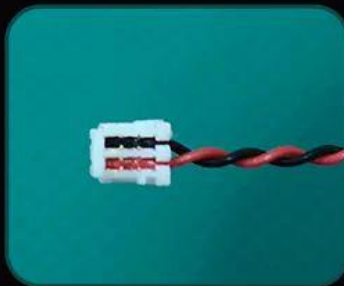
3.) Gently bend the base plate downward to create a gap under the wall and pass the lamp post's wires through under the brick wall. Make sure to place the wires between the raised particles as shown below.



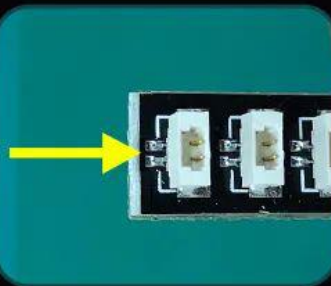
4.) Take out a 6-port socket and connect the lamp post wire to the 1st port of the 6-port socket.

Plug and socket connection method

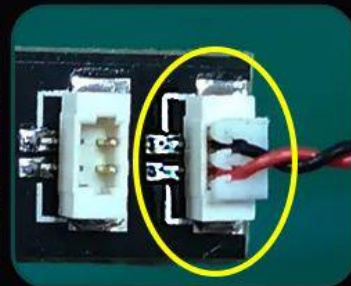
Align the "=" on the plug with the "=" side on the receptacle



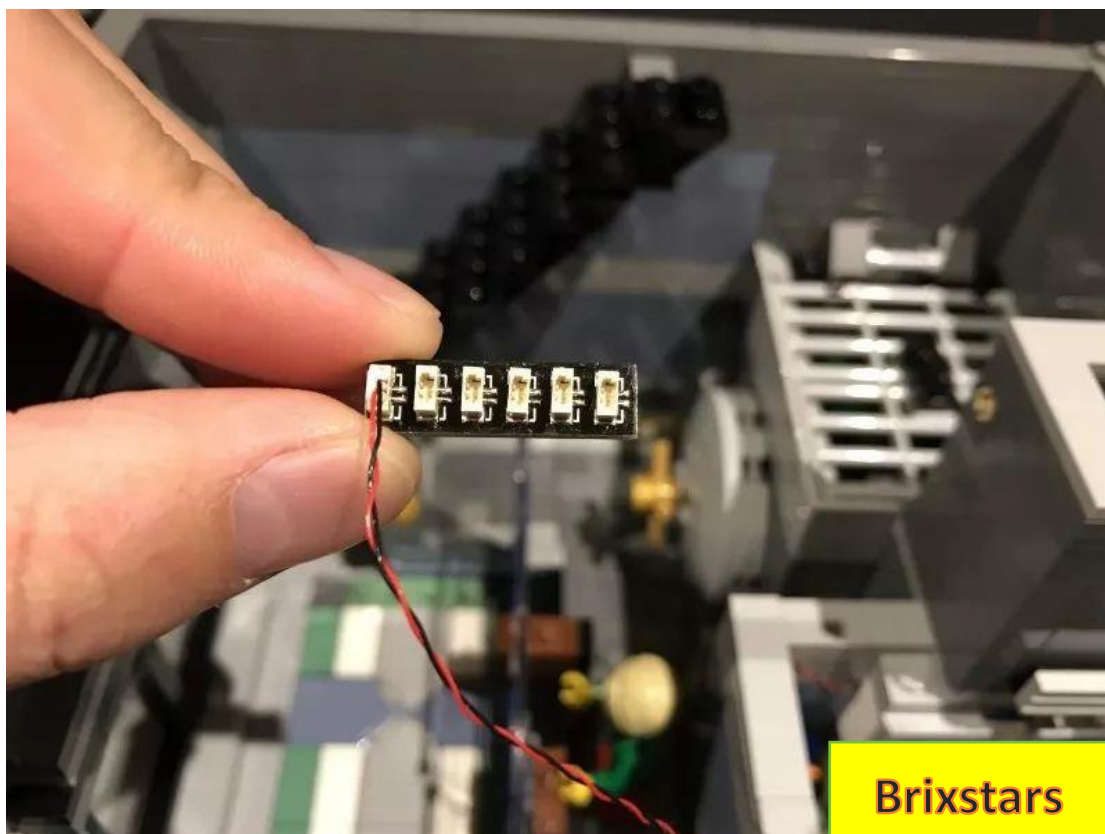
The "=" on the plug
can clearly see one
side of the line



There are two silver
dots next to the "="
socket on the socket

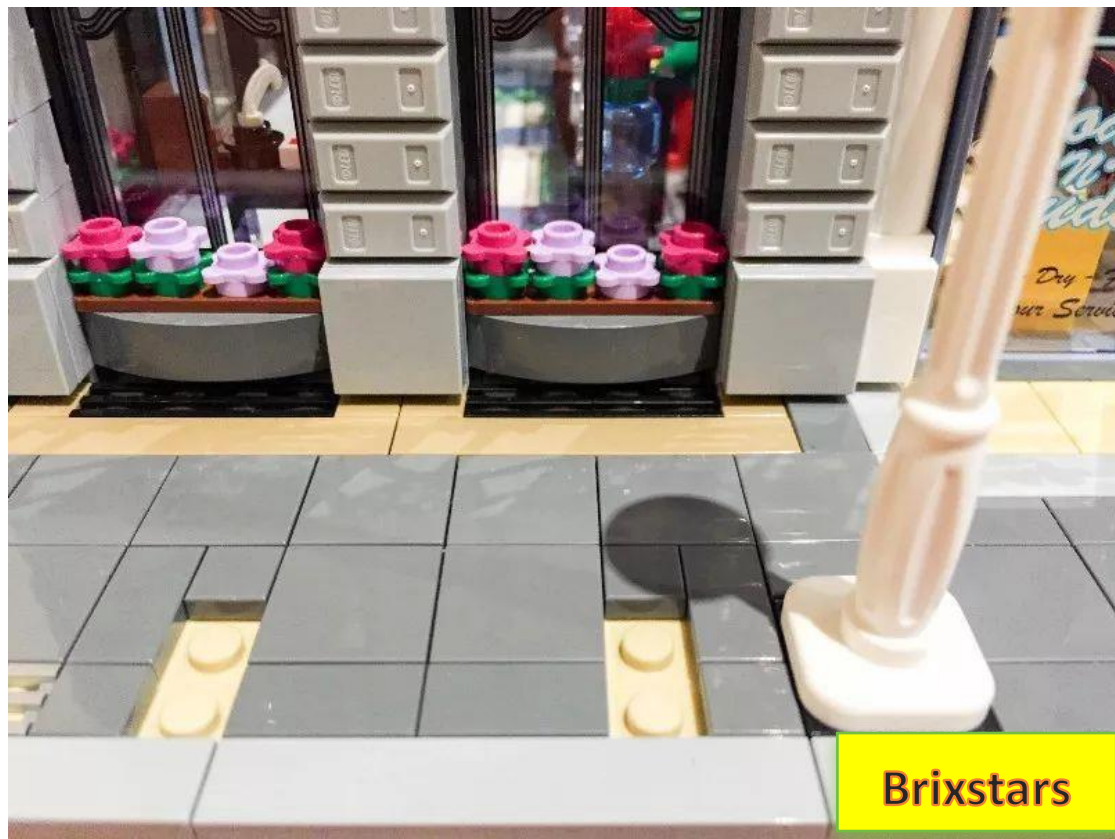


equal sign equal sign

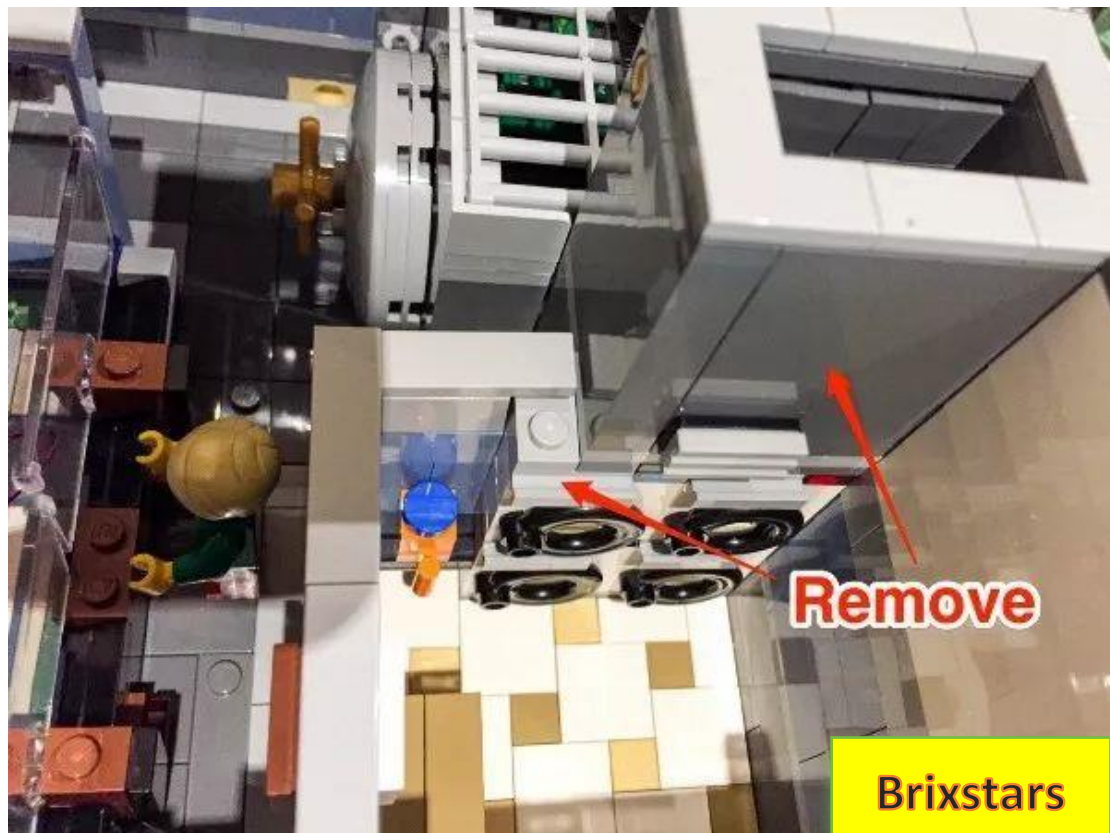


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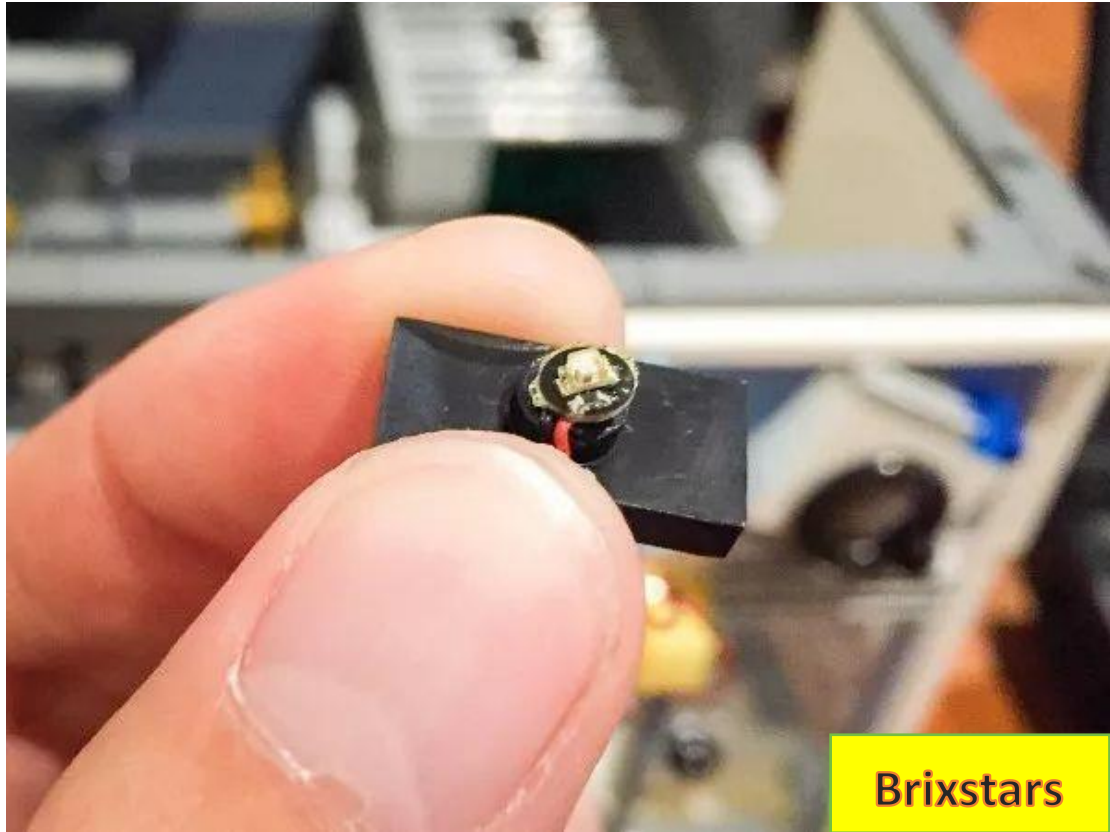
5.) Reinstall the floor tile parts you removed earlier. Cover the lamp post wires.



6.) Remove the arrow-marked part as a whole, and then remove the black 2-in-1 part with the red transparent round plate.



7.) Take a 30cm self-flashing white light pellet, place it on the black stud with the luminous side facing up, and fix the pellet with the 1x1 hollow red transparent circle provided in the kit.

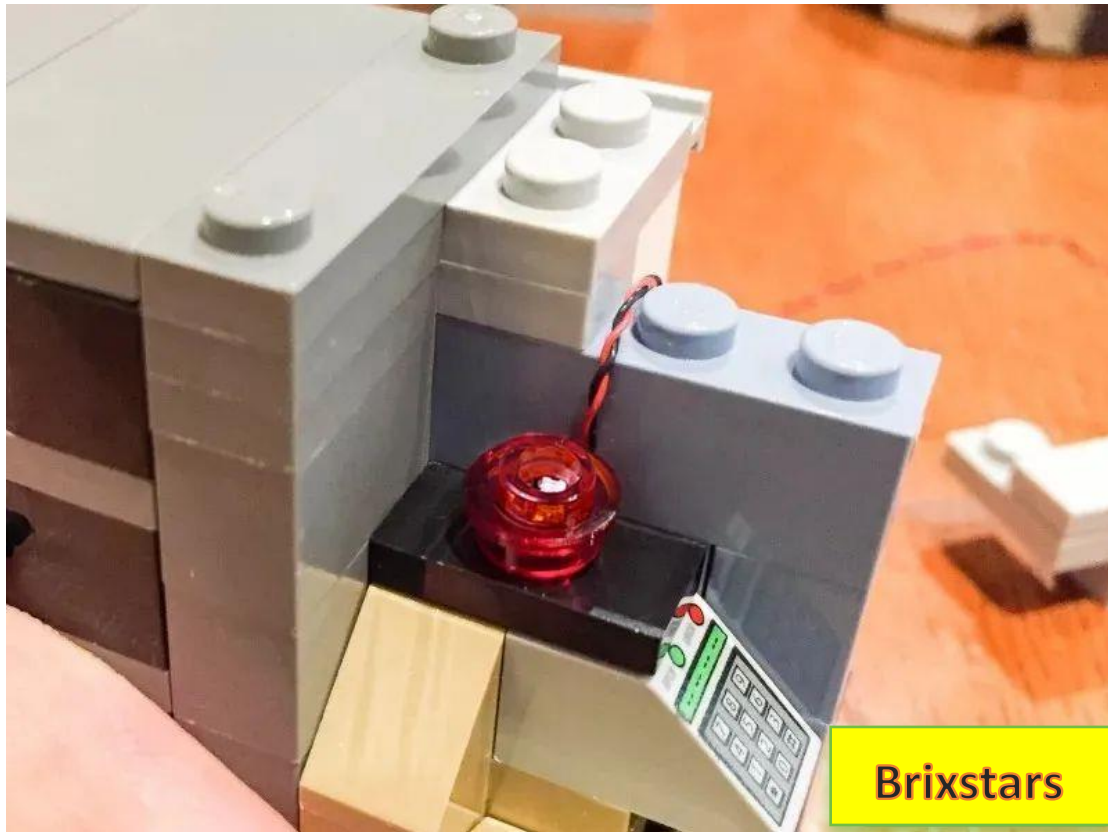


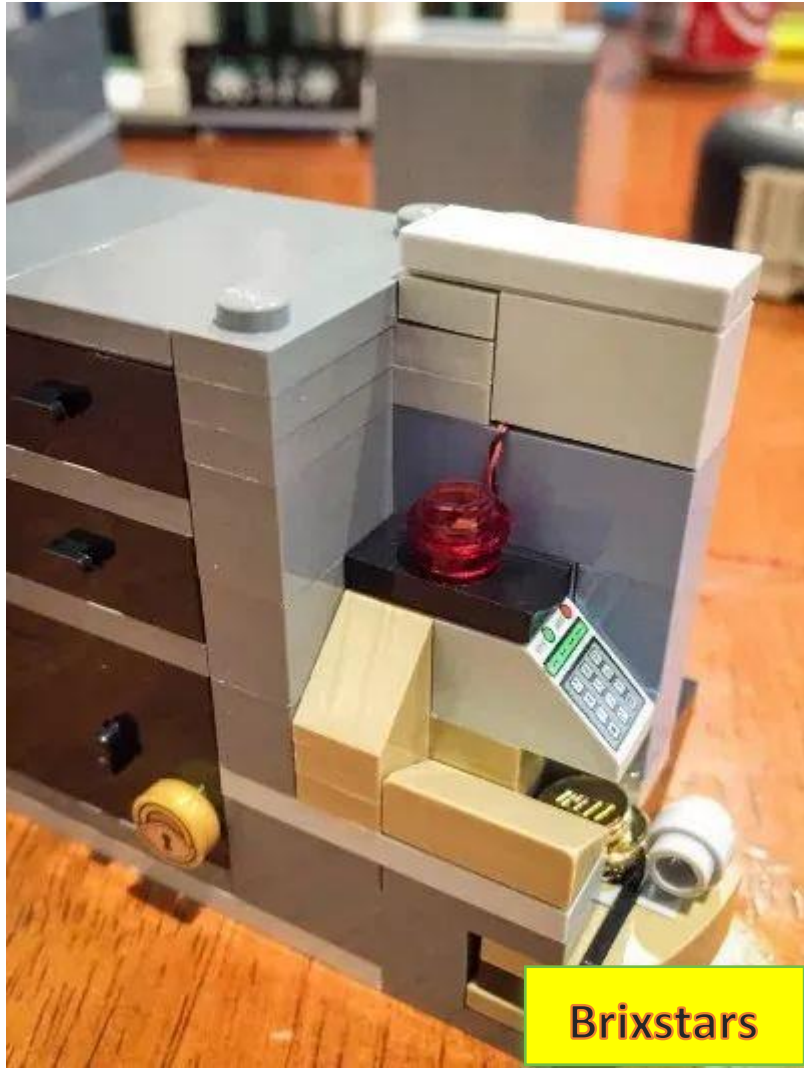
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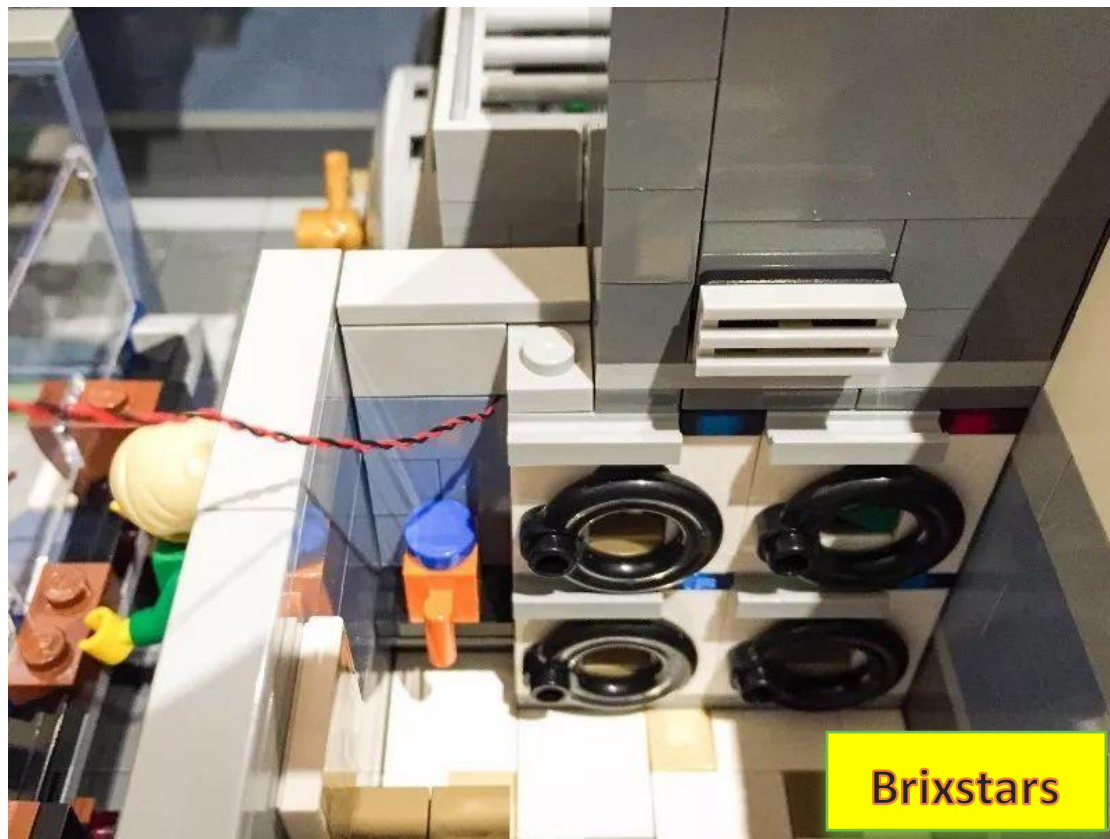
8.) Remove the parts shown in the figure and pass the wire through the gap between the particles. Restore the parts to press the wire



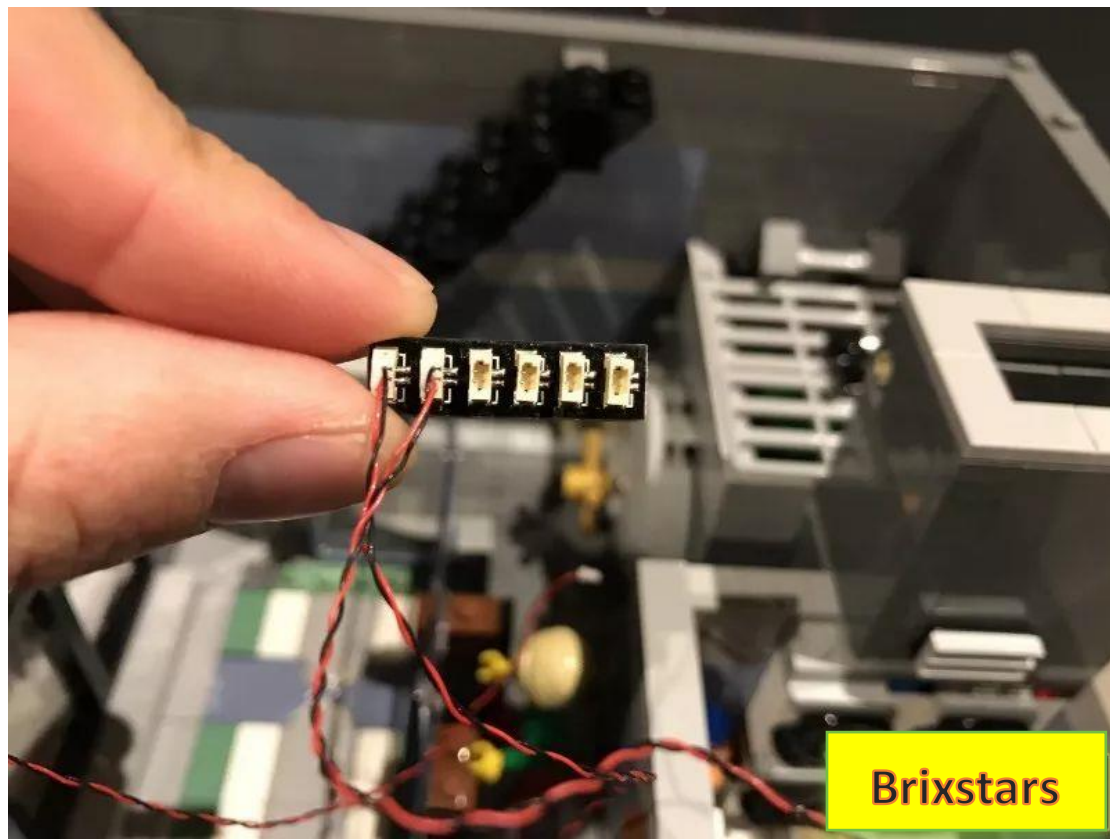


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9.) Restore the parts on top of the washing machine.



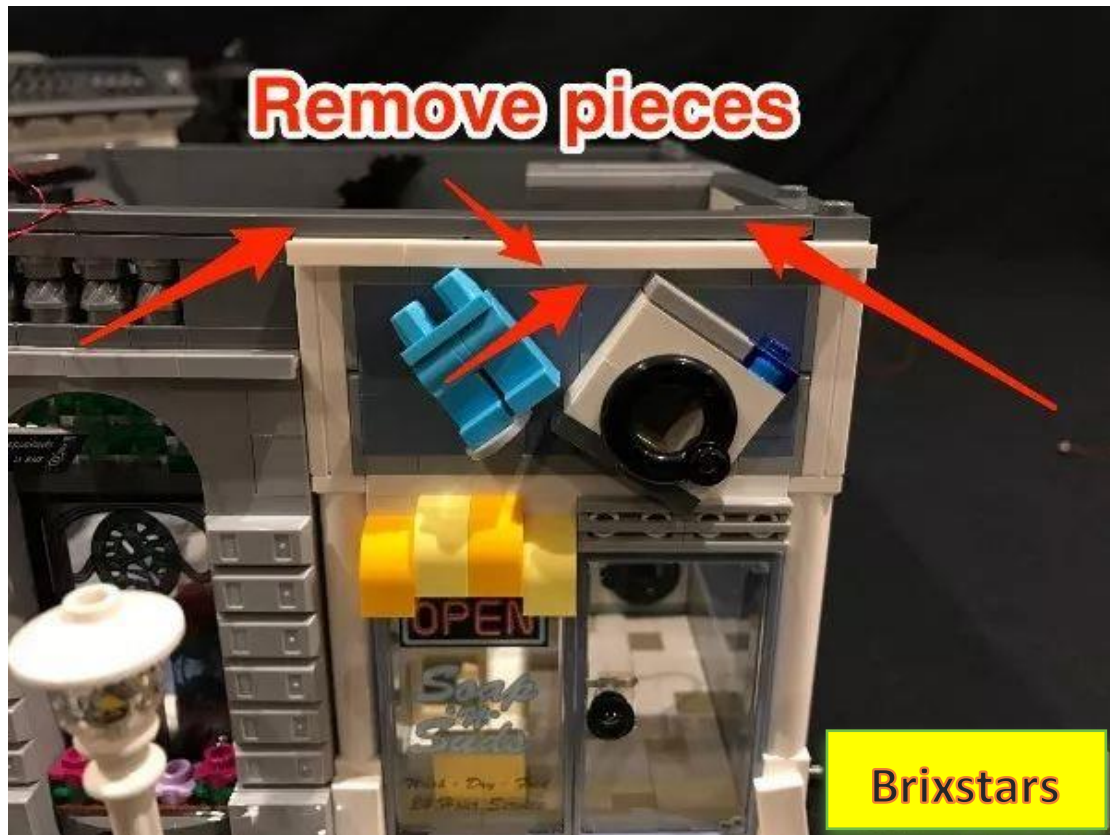
10.) Connect the red indicator light wire to port 2 of the 6-port socket

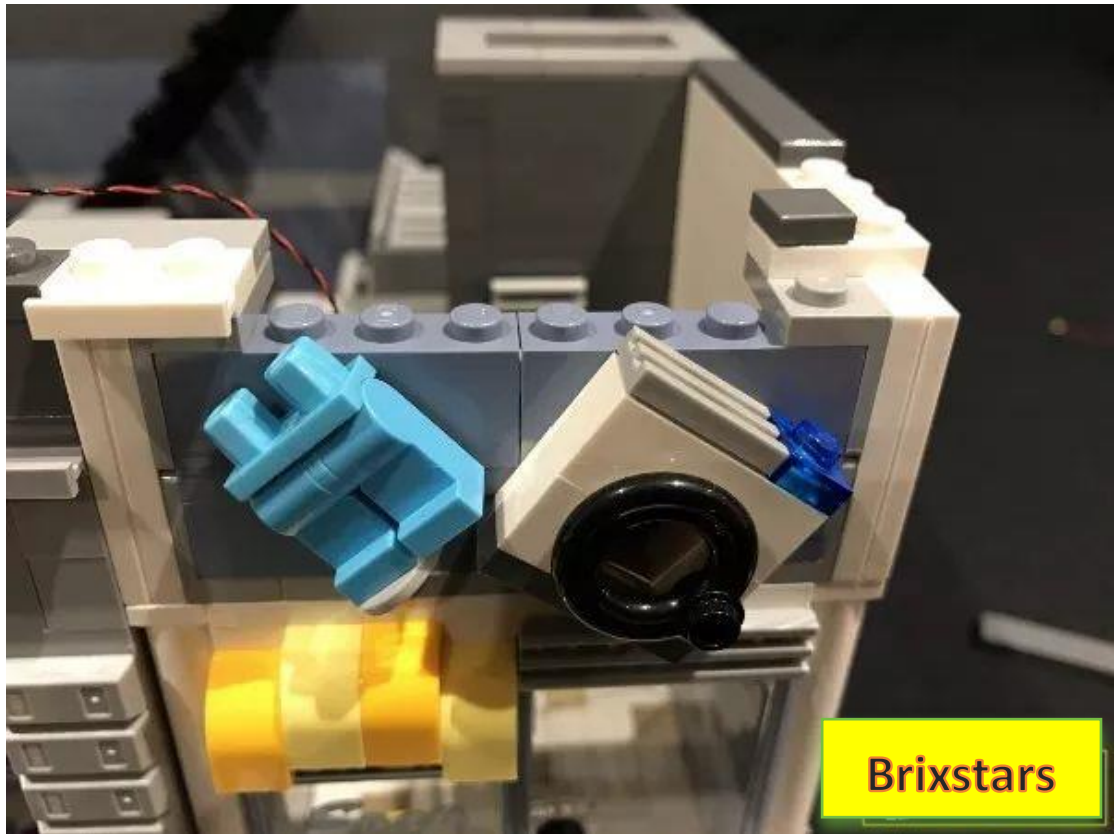


11.) Route the excess wire underneath the grey plate as shown below



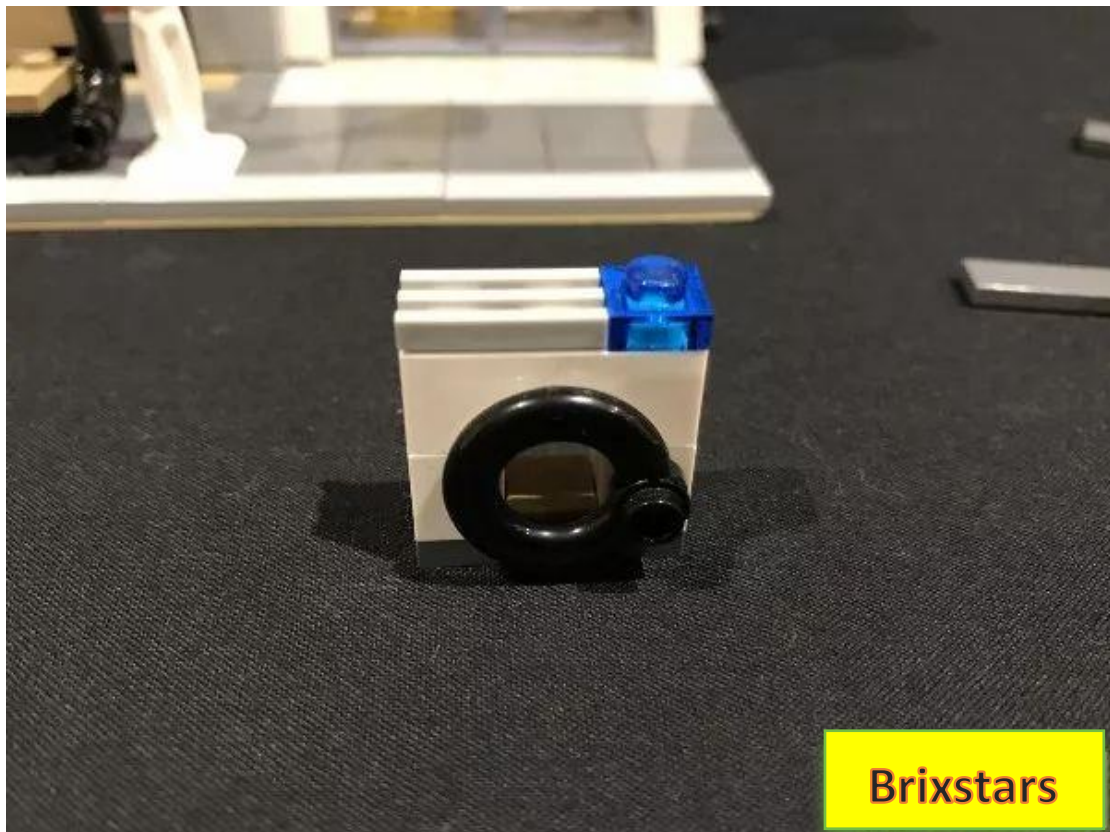
12.) Now we will attach a light to the laundry sign on the other side of the building. First, remove the surrounding LEGO bricks.



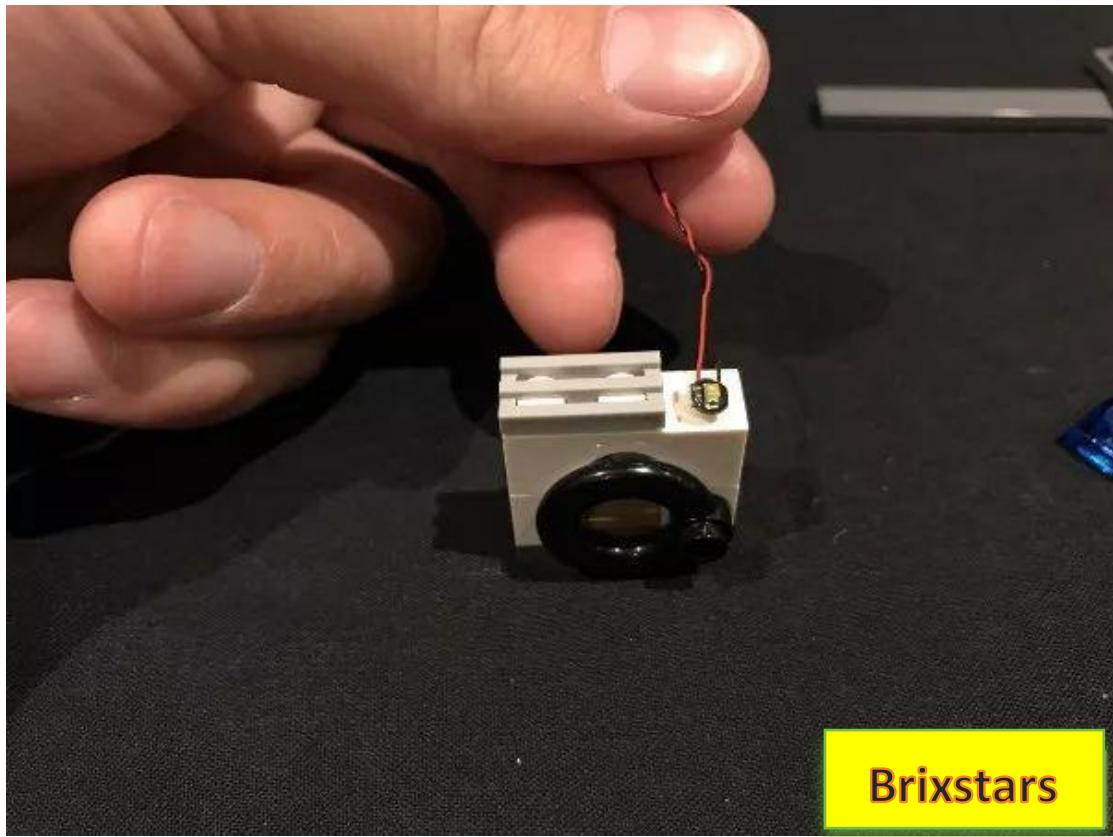


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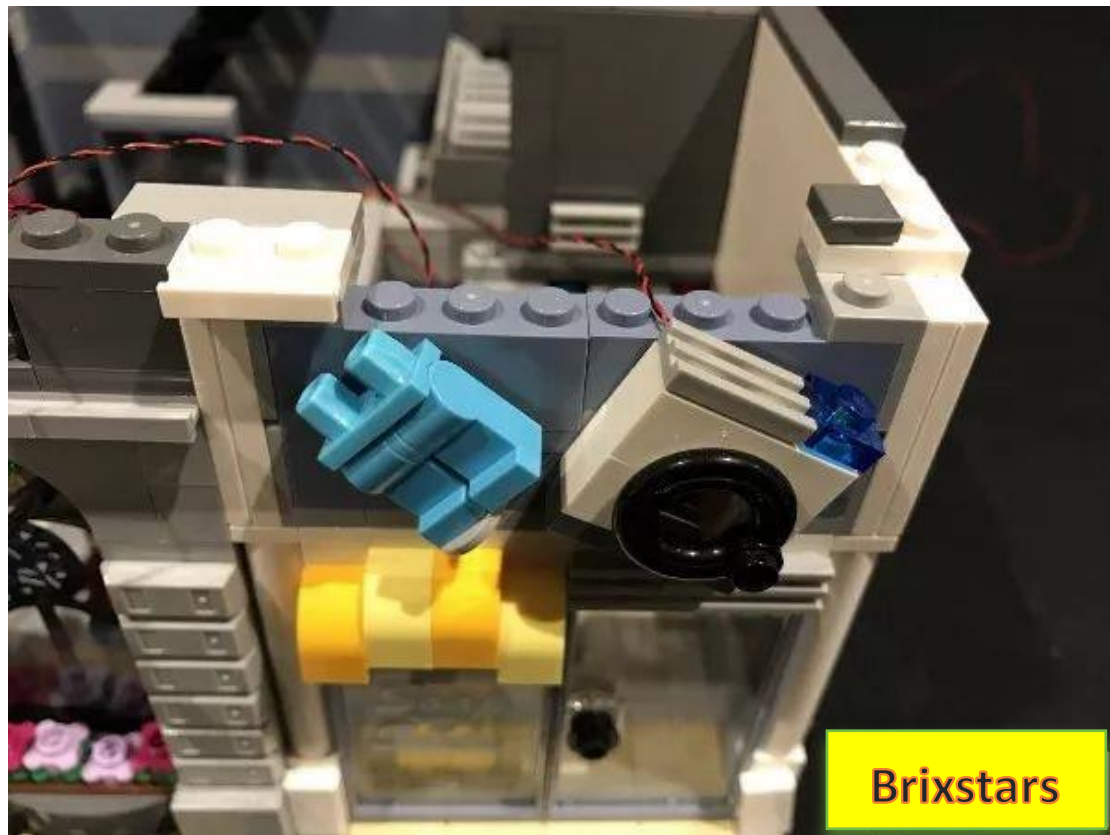
Remove the washing machine part and install the other flashing light underneath the clear blue Lego plate. Make sure the lighted side is facing up and the wires are behind the washing machine.

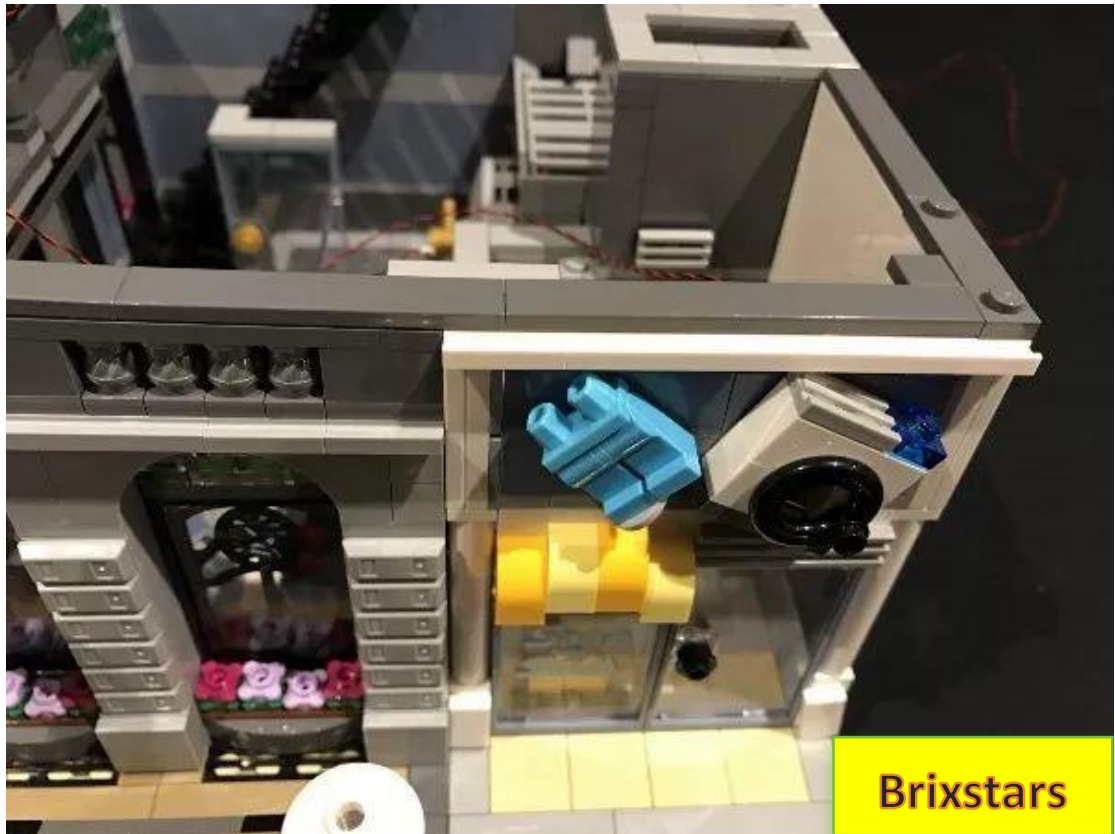


Take a 30cm self-flash white light pellet and place it on the stud



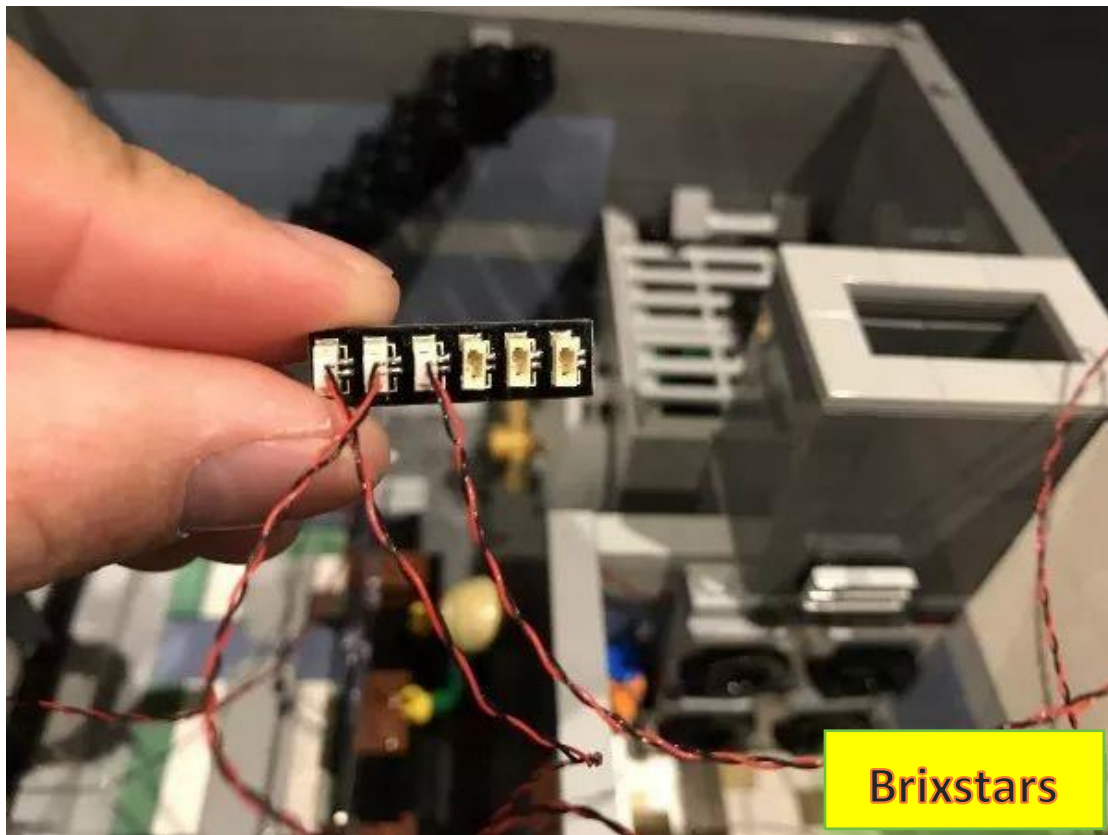
13.) Put the parts back into the washing machine, making sure the wires are between the studs at the back and hidden, then restore the LEGO bricks we removed earlier.

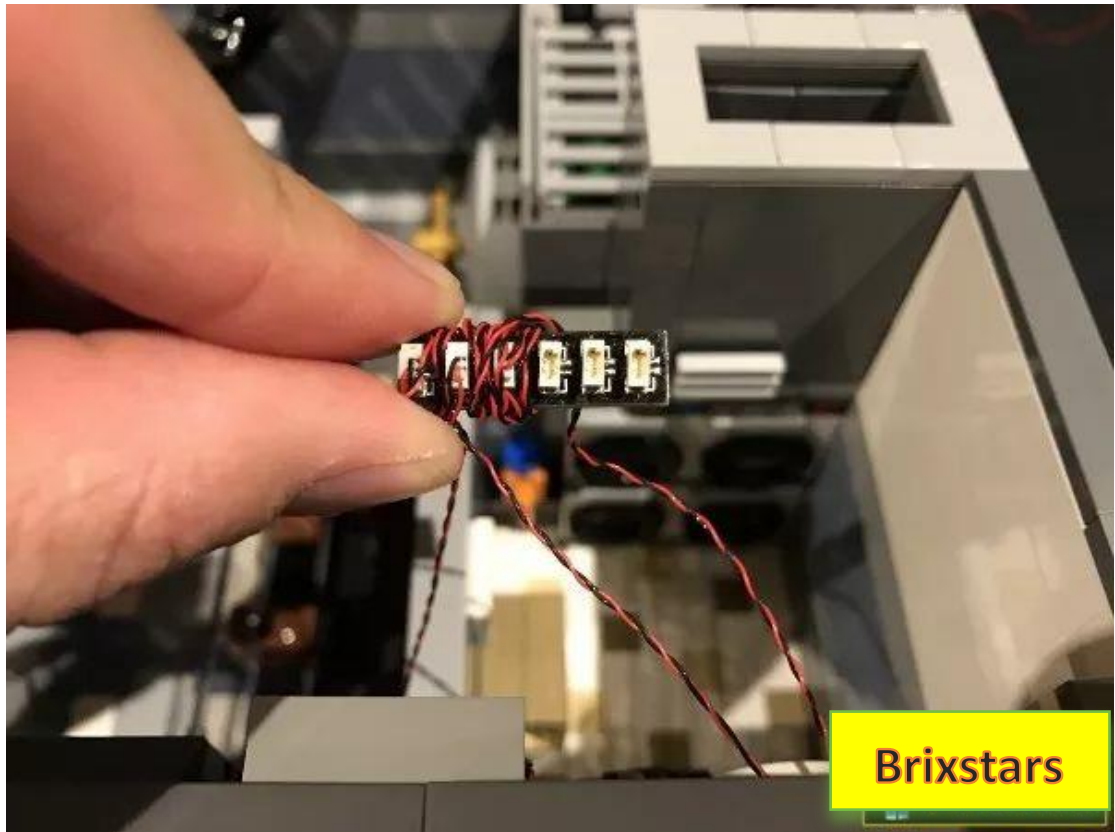




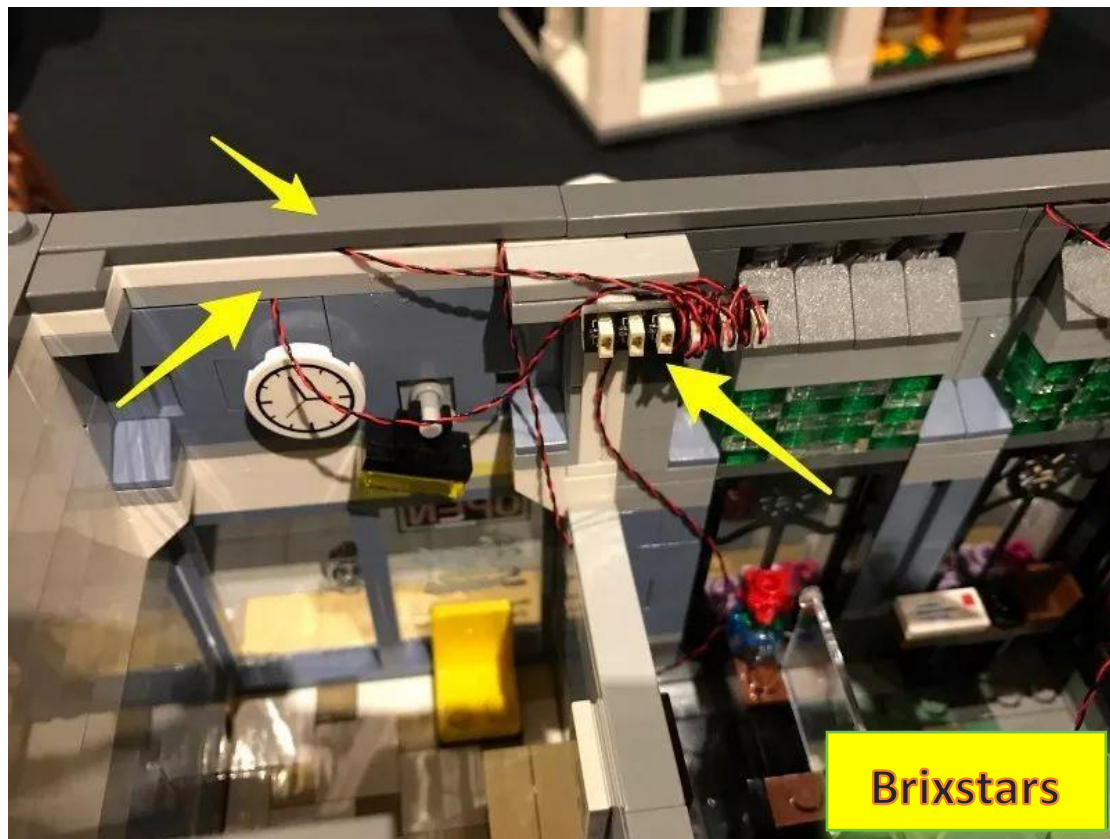
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14.) Connect the wire to the next port on the outlet and then wrap it around the outlet a few times to eliminate any excess wire.

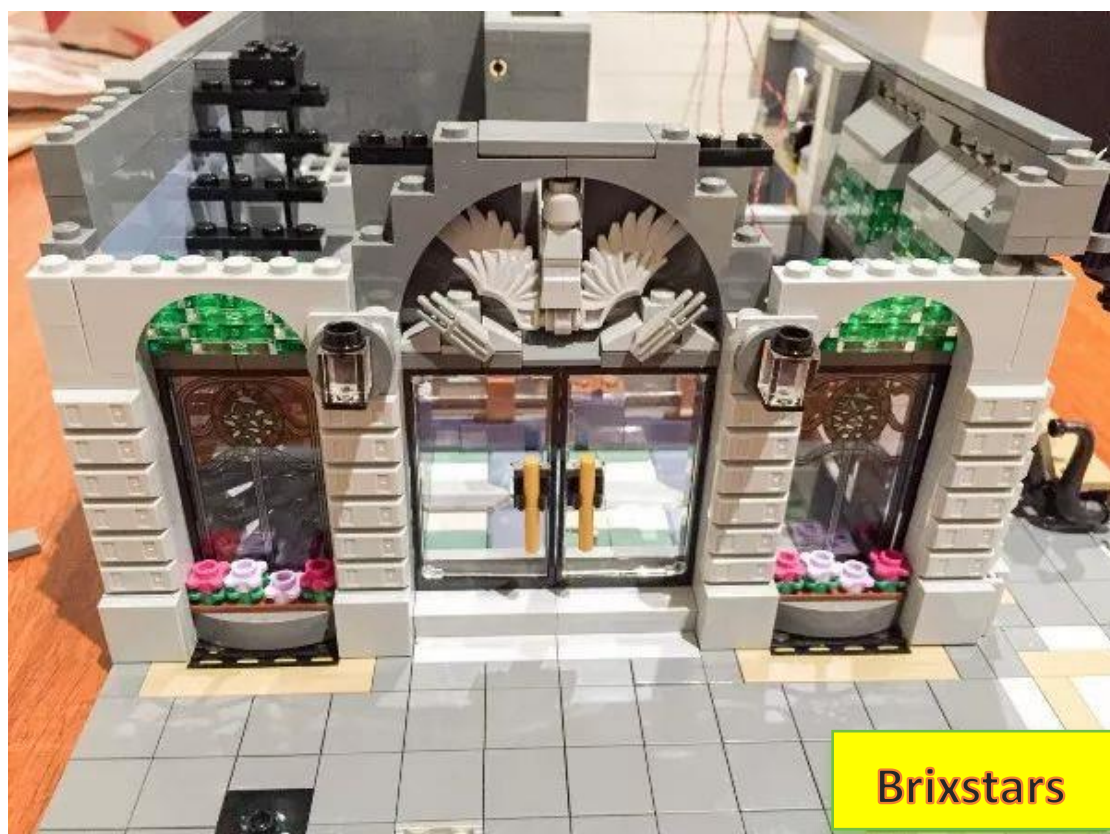




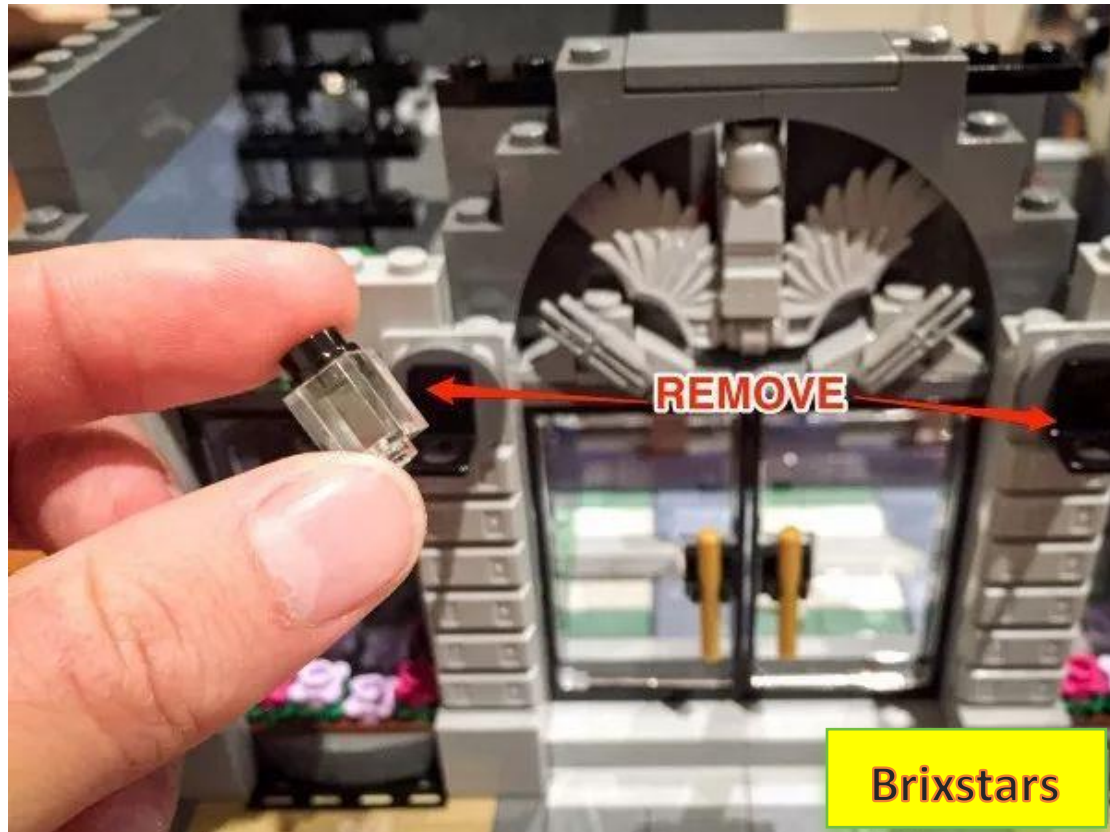
15.) Use double-sided tape to stick the 6-port socket to the wall. Hide the excess wires under the plate

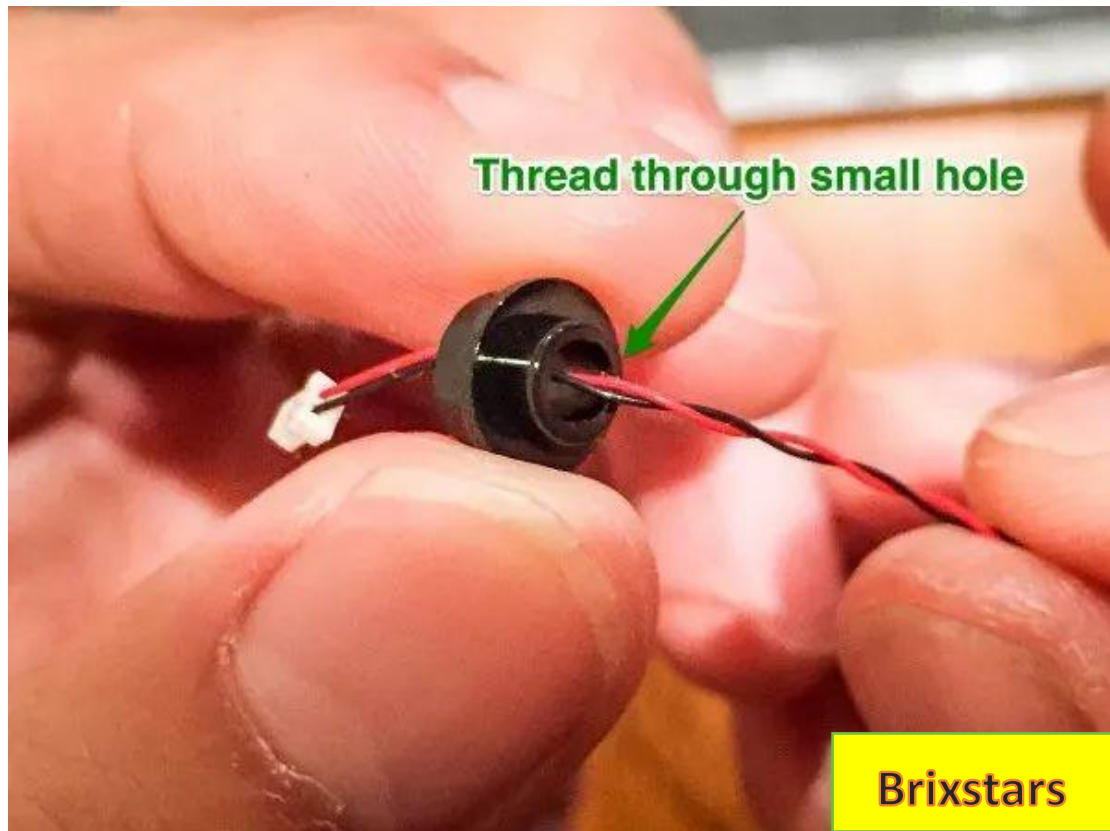


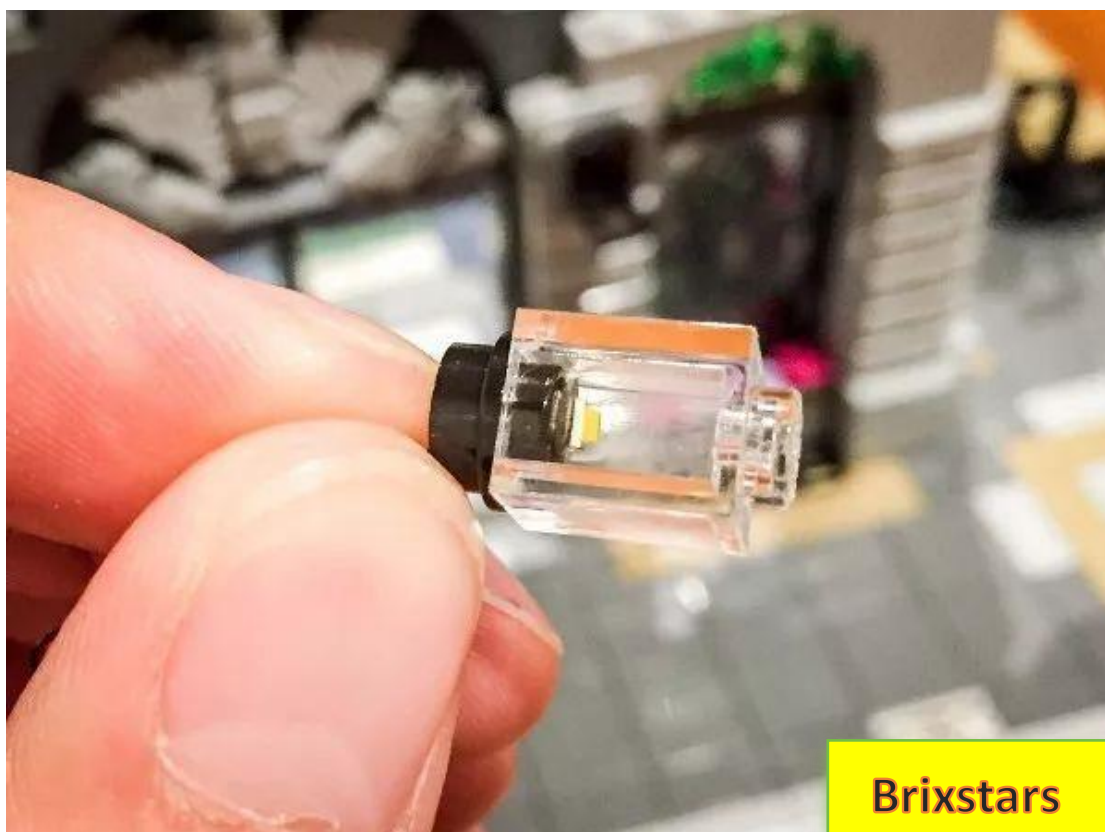
16.) Go to the front of the building. Prepare to install the wall lights on both sides of the door and remove the parts shown in the picture.



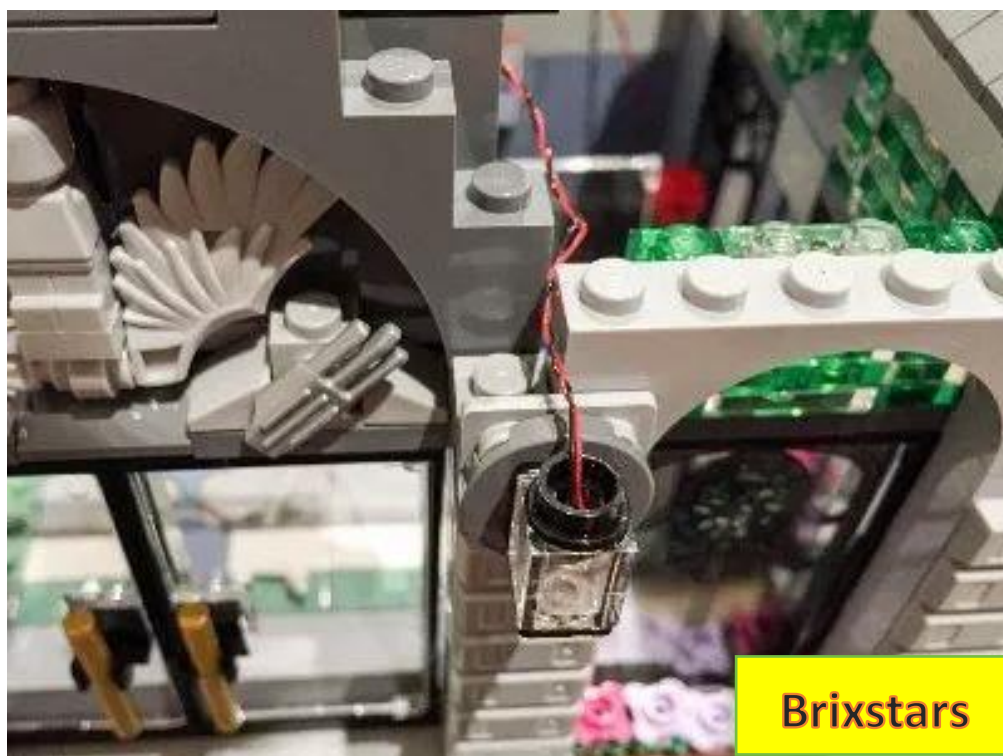
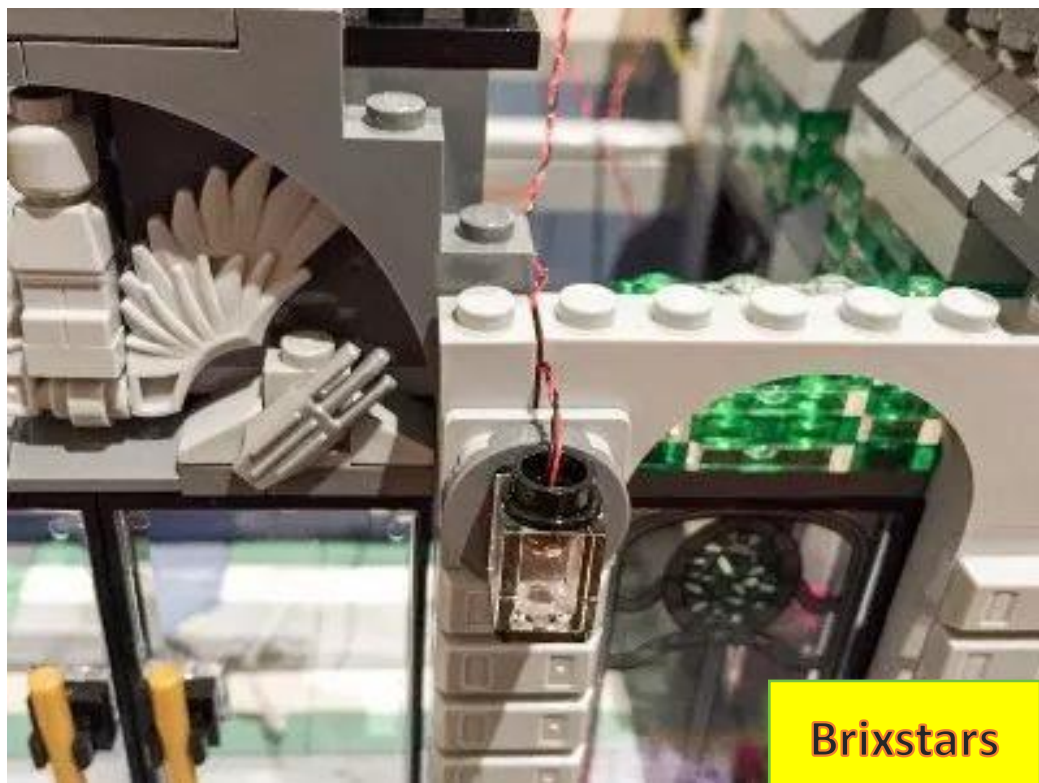
17.) Remove a wall lamp and disassemble it, take a 30 white light bulb, and insert one end of the wire plug through the top hole of the black round building brick.

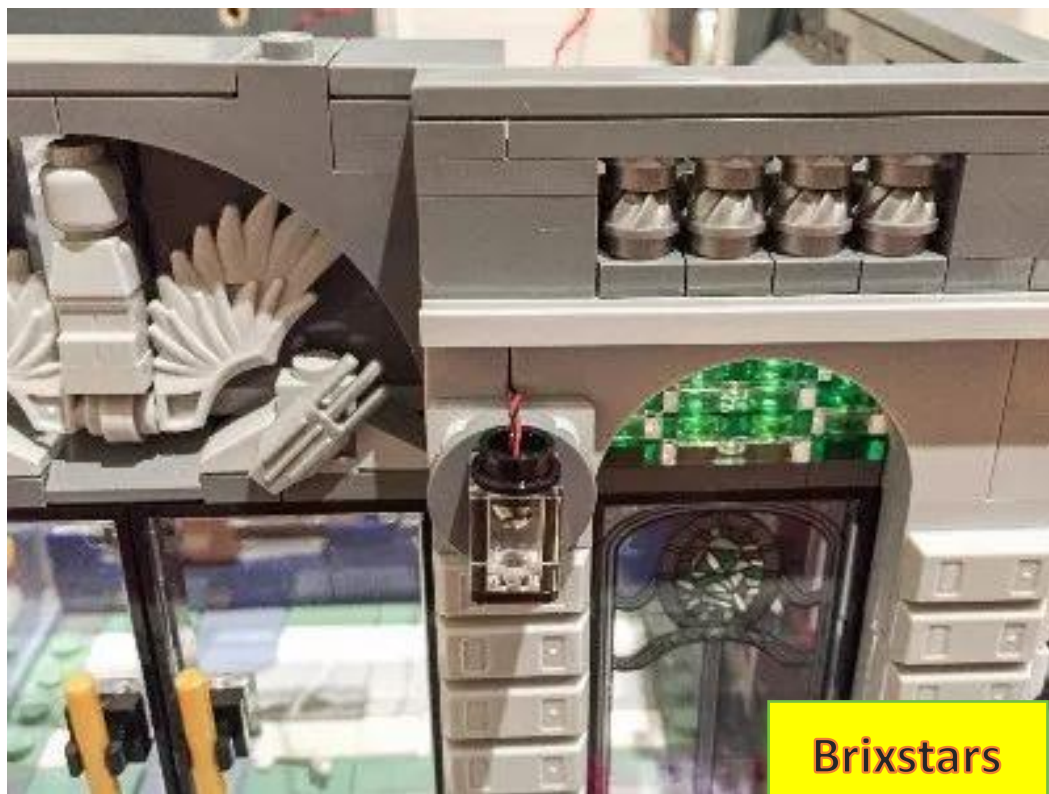




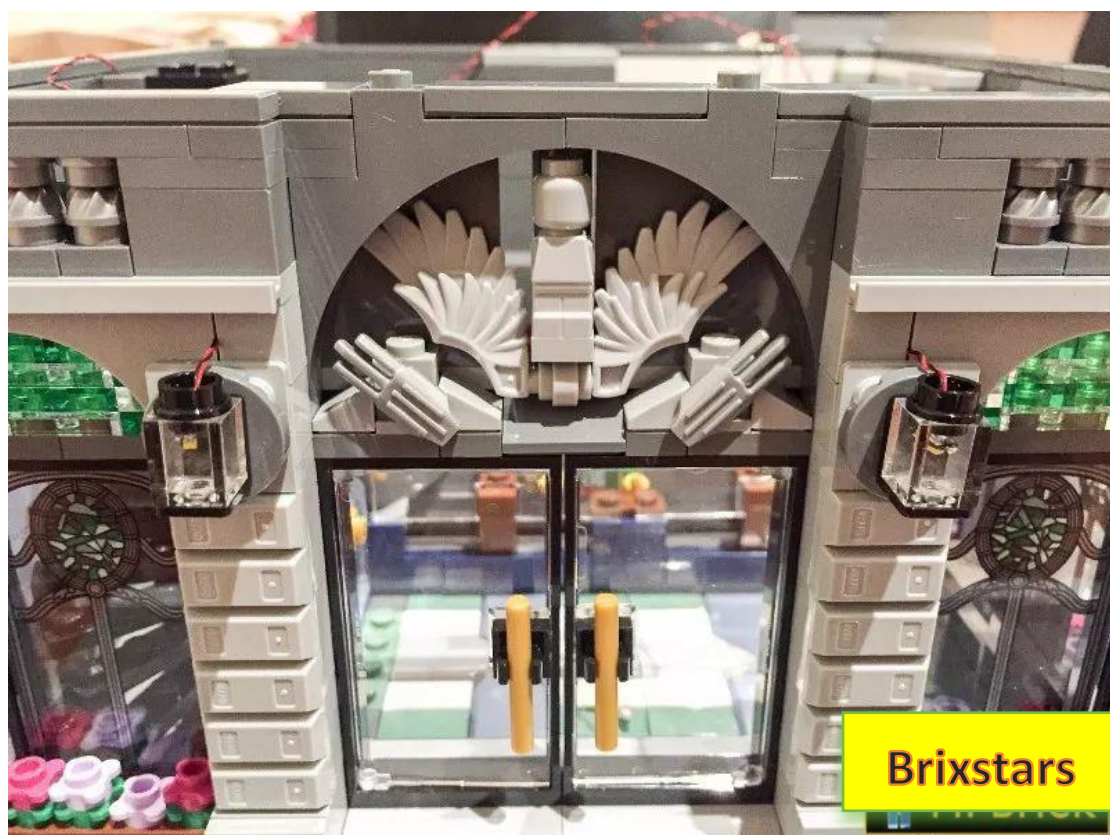


18.) Mount the sconce back onto the wall and run the wires through the stud void in the wall as shown below

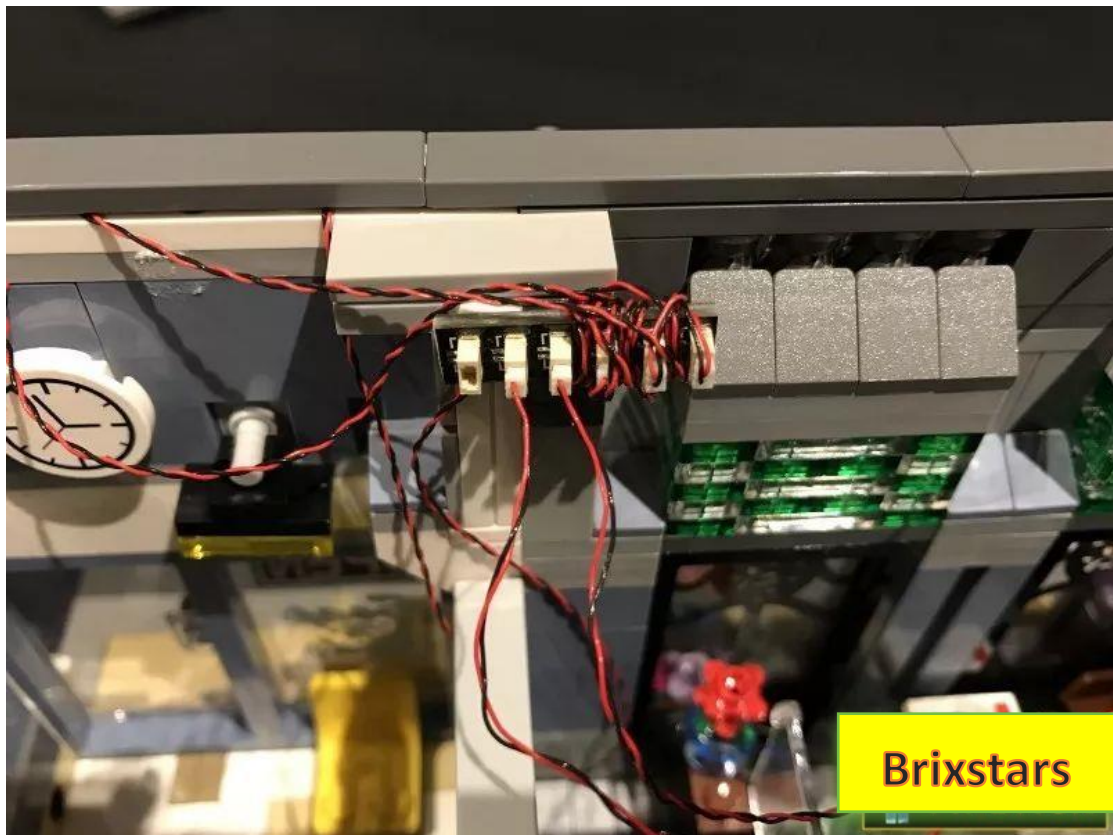




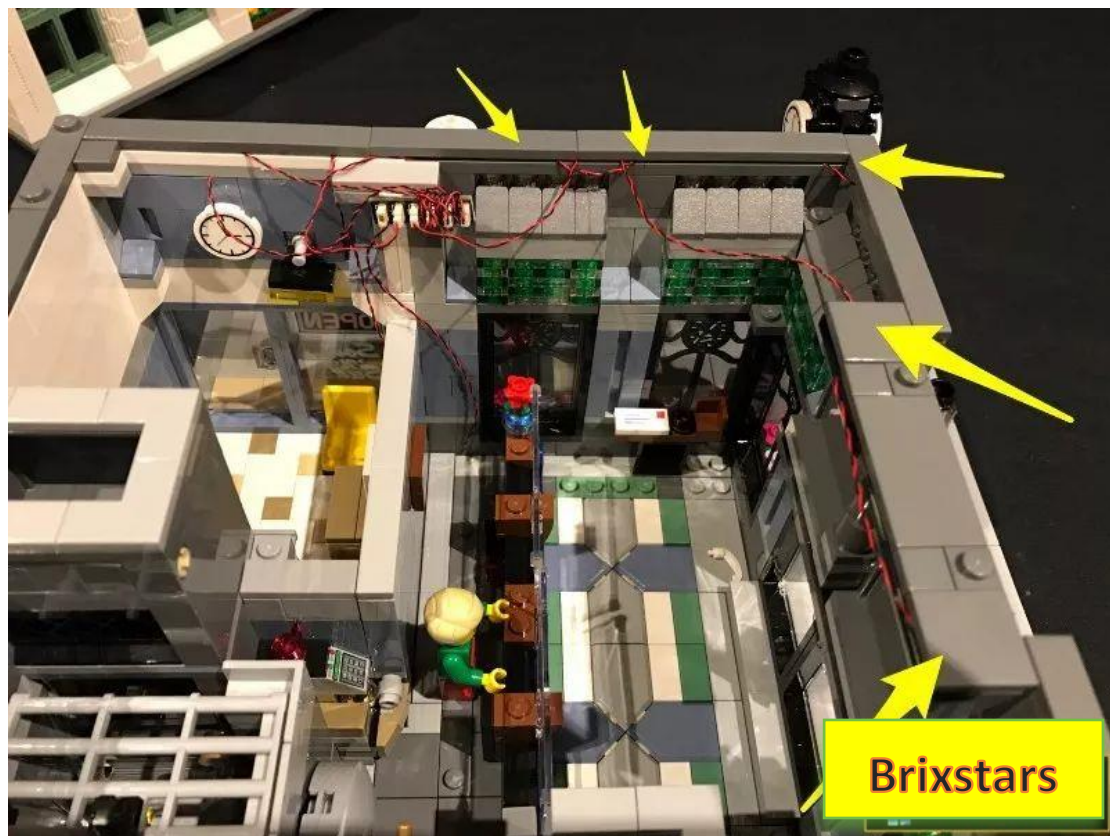
19) Install the wall lamp on the other side using the same method.



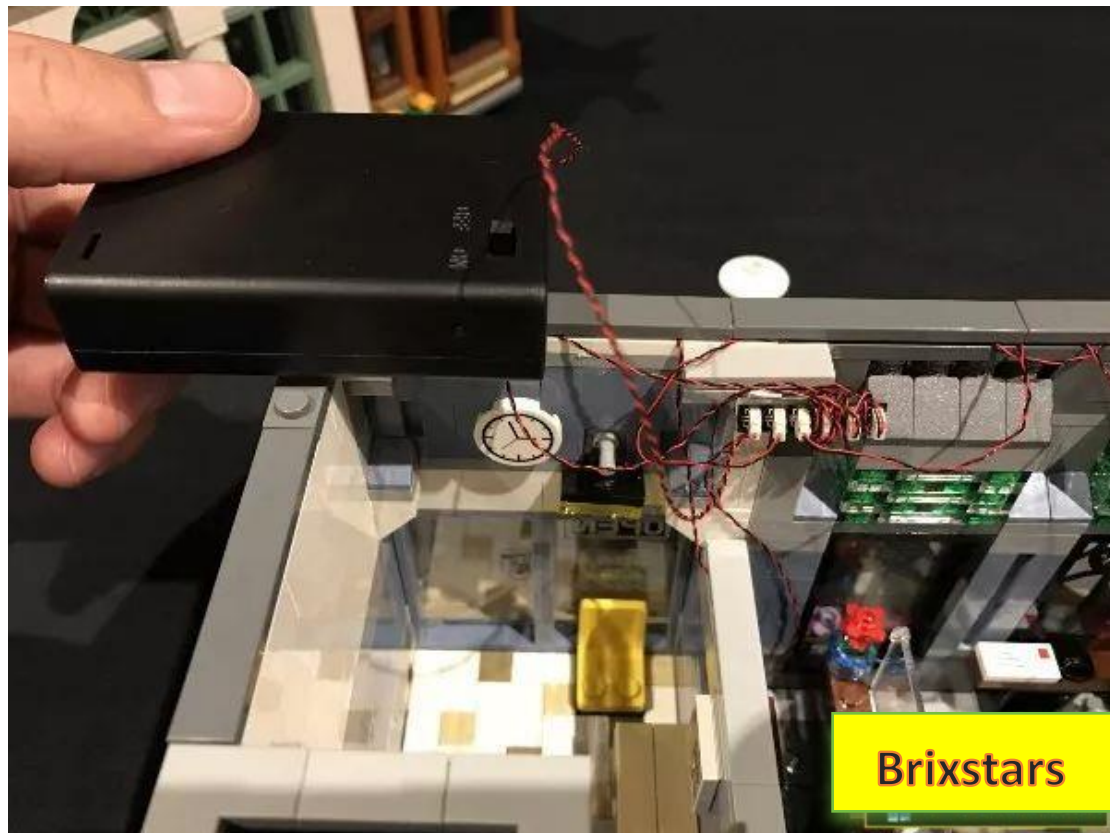
20.) Plug the plugs from the 2 lights into the 6-port socket that connects the street light and the flasher.



21.) Route the wires underneath the surrounding grey plate.



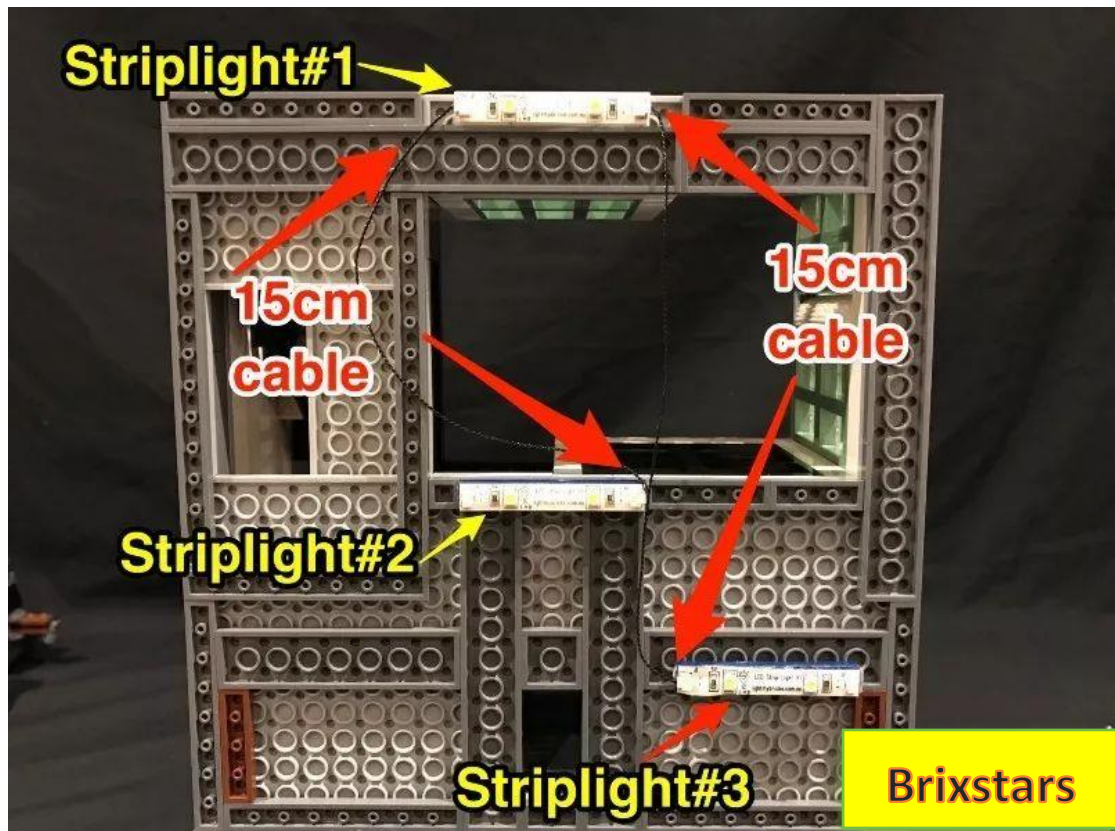
The first layer of installation is now complete. Now test the lights we have installed. Take out the battery box, put in 3 AA batteries, plug the battery box wire into the spare port of the socket, and then turn on the battery box switch to test that everything is normal.



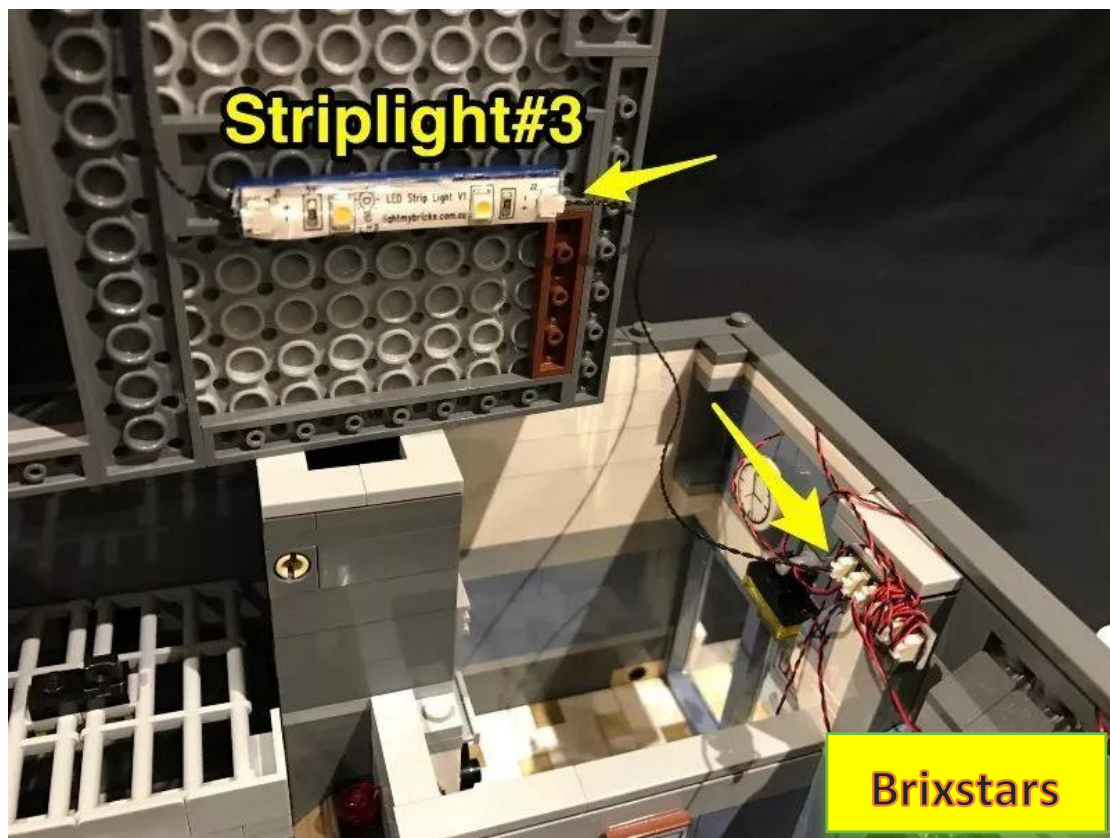


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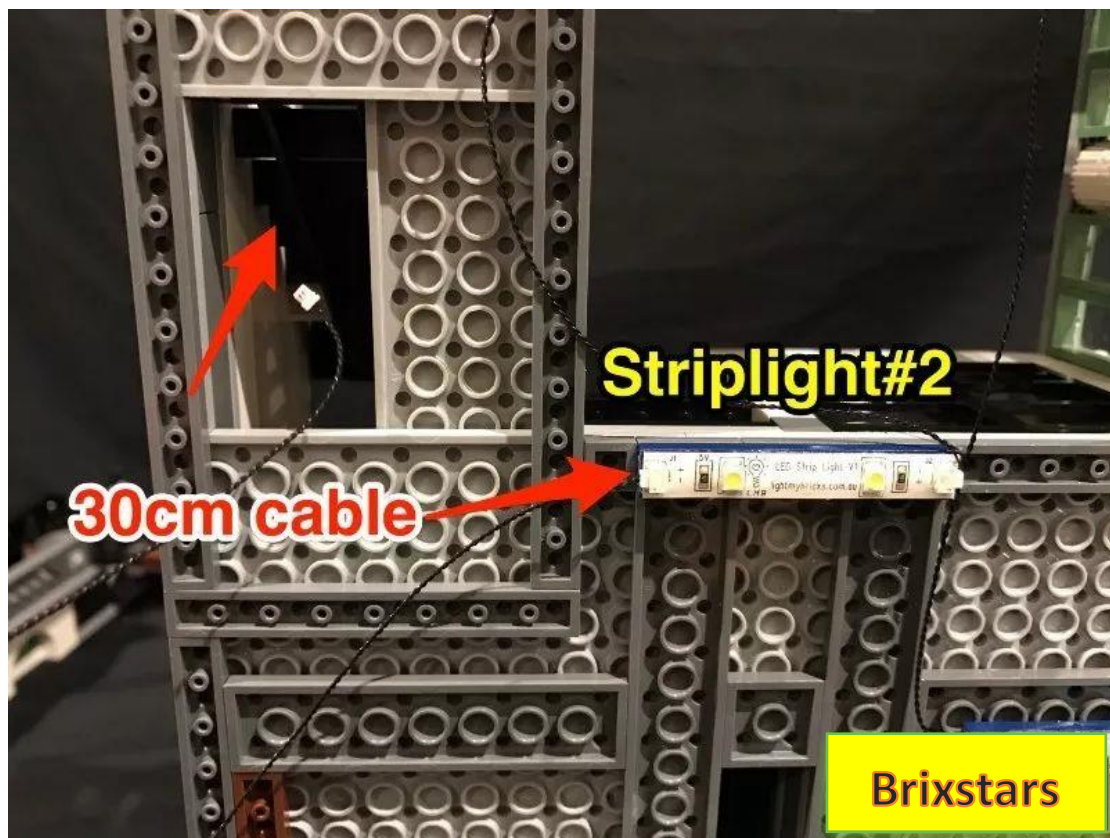
22.) Take out the entire second layer and stand it up, with the bottom facing you, take 3 **light strips**, name them **light strip #1**, **light strip #2**, and **light strip #3**, and stick them on the 1x6 building blocks we provide (the color of the building blocks is subject to the actual situation, the building blocks are installed indoors and do not affect the overall appearance) , then install them in the position shown in the figure, then take a **15 cm connecting wire** and connect one end to the left port of **light strip #1** and the other end to the right port of **light strip #2** . Take **another 15 cm connecting wire** , connect one end to **the right port of light strip #1** and the other end to **the left port of light strip #3** .



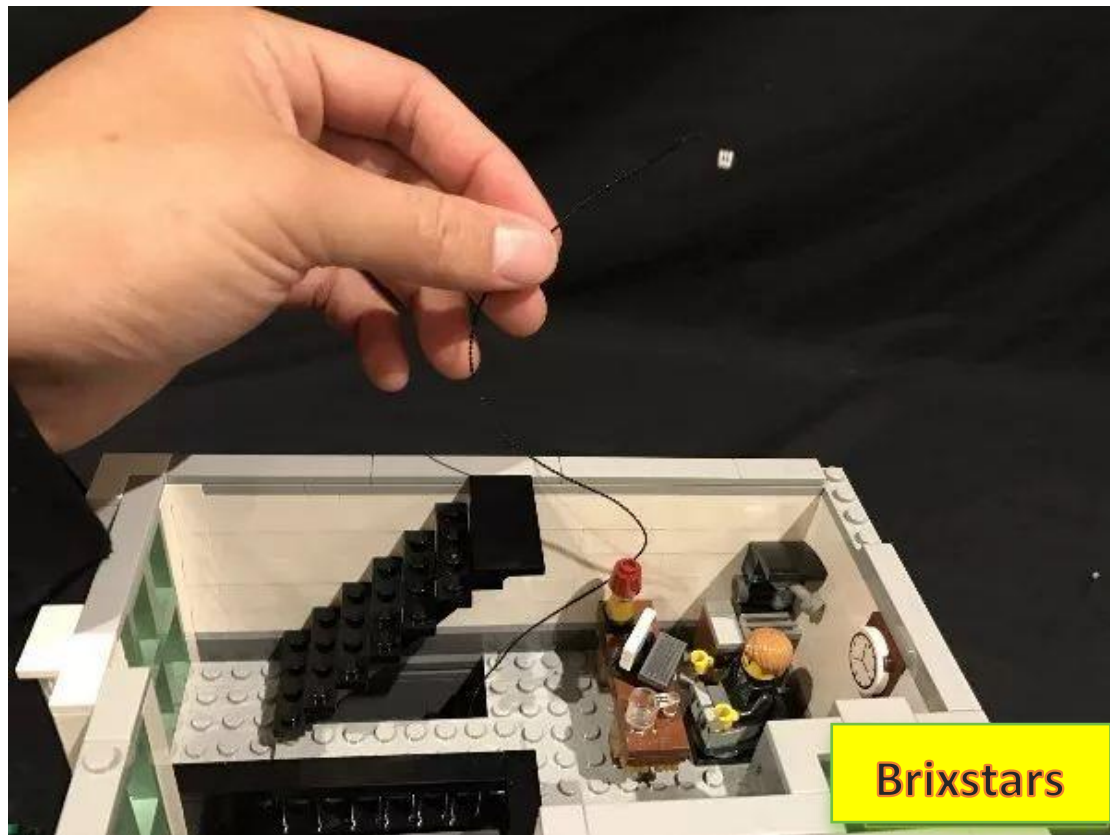
23.) Take a 15cm hookup wire and connect it to the right port of **light strip #3** and the other end to the last port of the socket below.

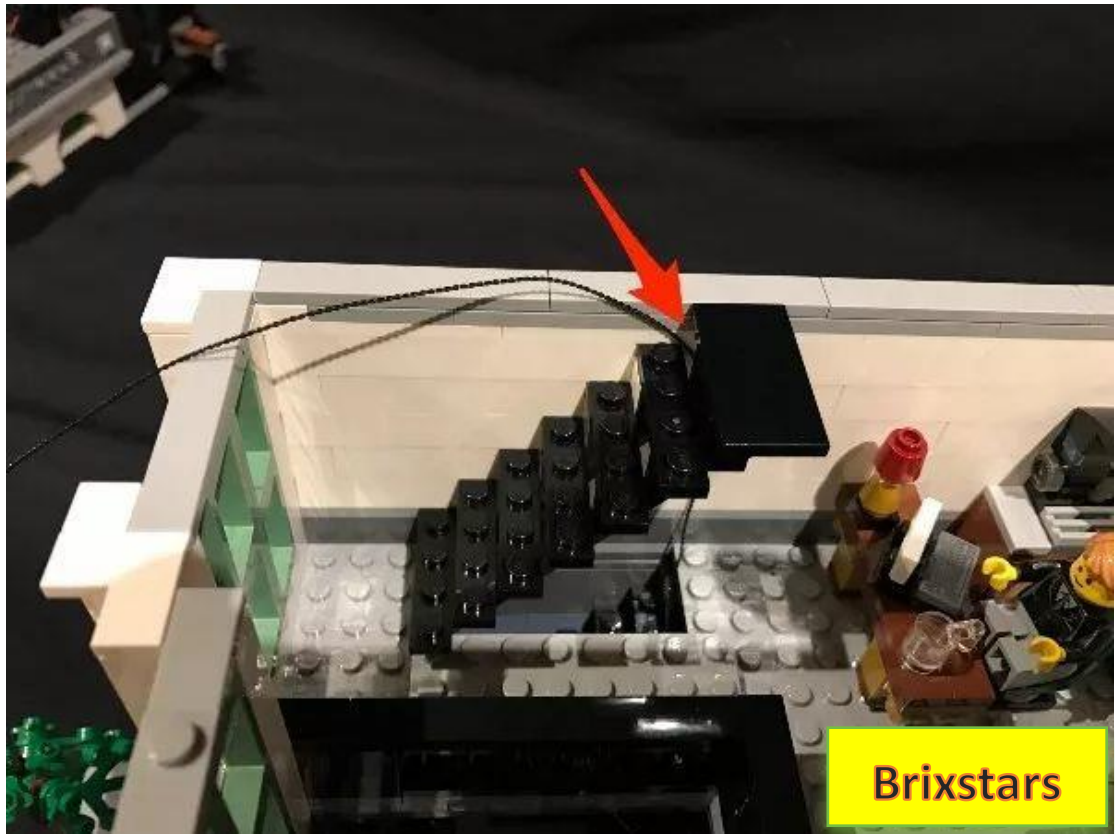


24.) Take a **30cm hookup wire** and connect it to the left port of **light strip #2** and run the other end through the stairs to the second floor.



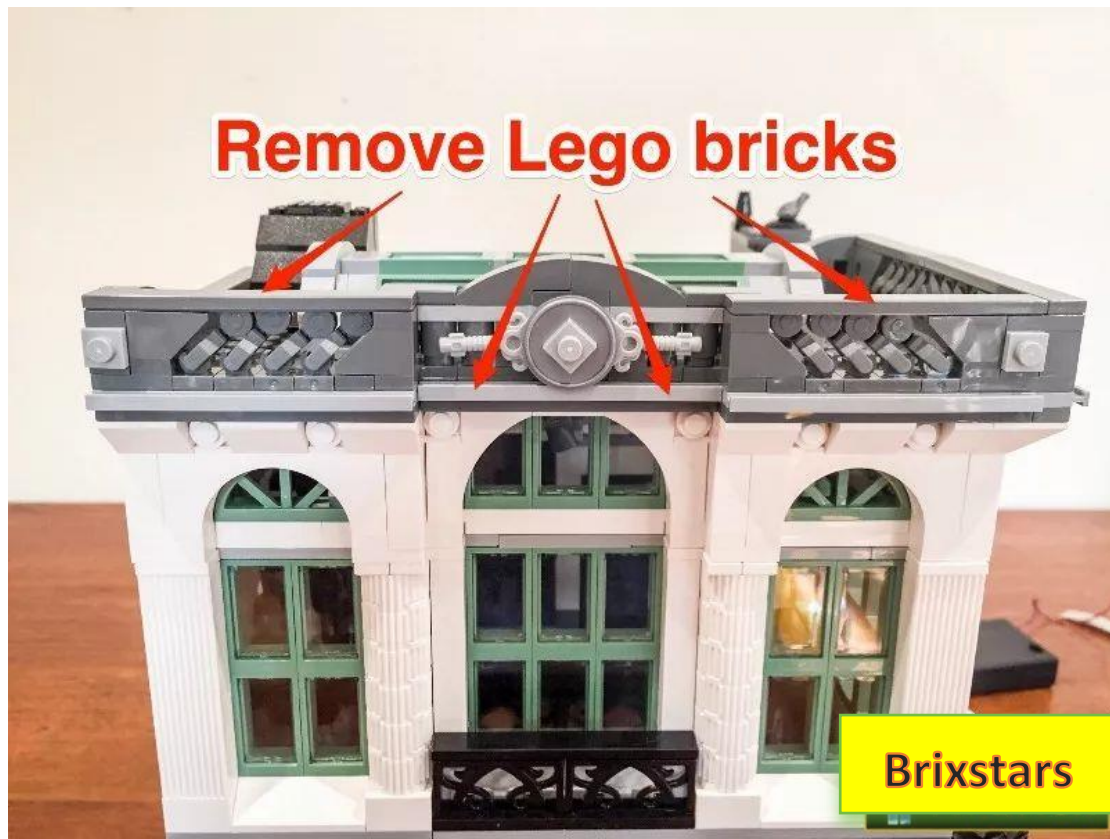
25.) Return the second floor to the first floor, then pull the 30cm connecting wire out of the stairwell and pass it through the space between the top staircase and the wall. This will prevent the wire from falling off.





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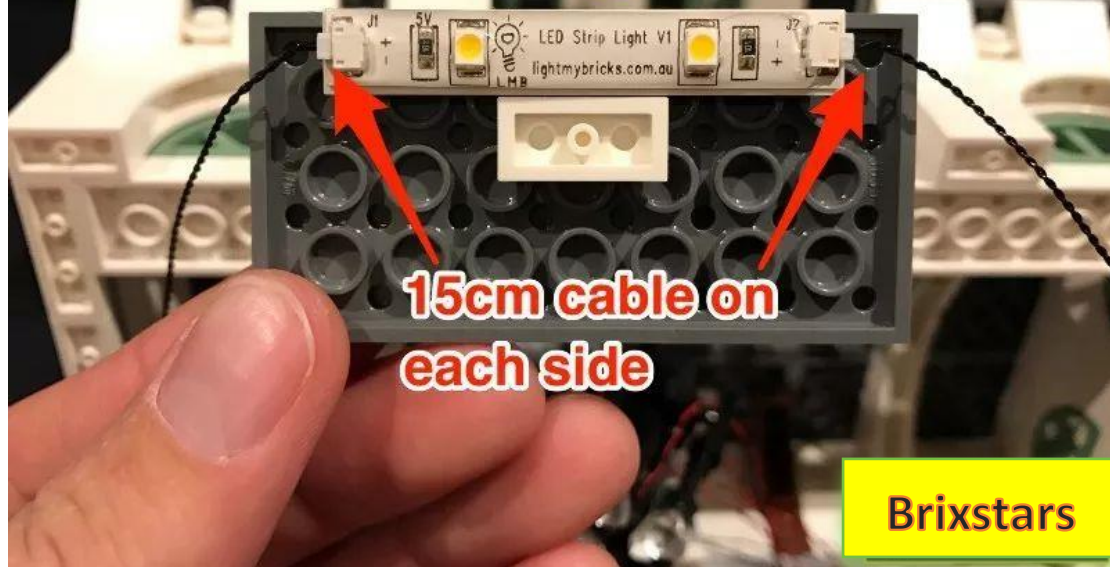
26.) Take out the 3rd layer and remove the following LEGO bricks from the roof.



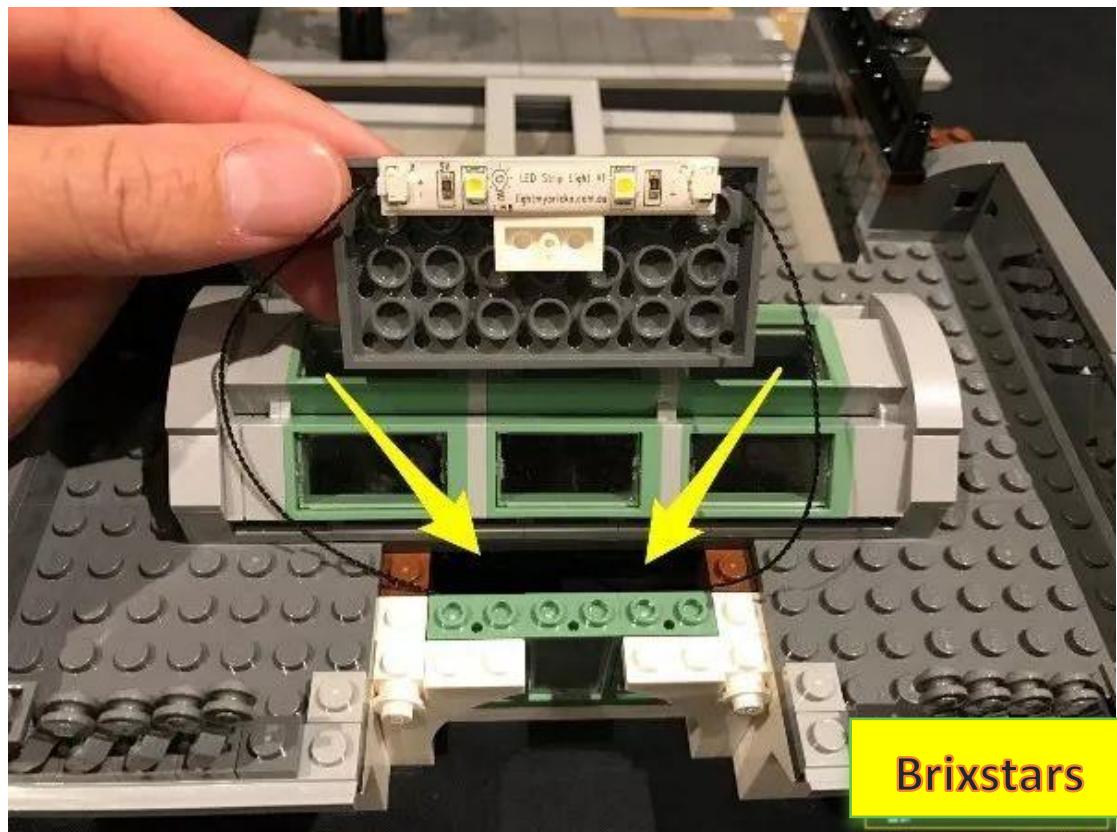
27.) Remove the middle 4x8 Lego brick and take out a light strip (**Light Strip #4**) and **glue it** to the following locations underneath: Take 2 15cm hookup wires and connect to both ends of the light strip.



Striplight#4



28.) Insert the other ends of the two connecting wires into the space below and restore the 4x8 Lego plate.

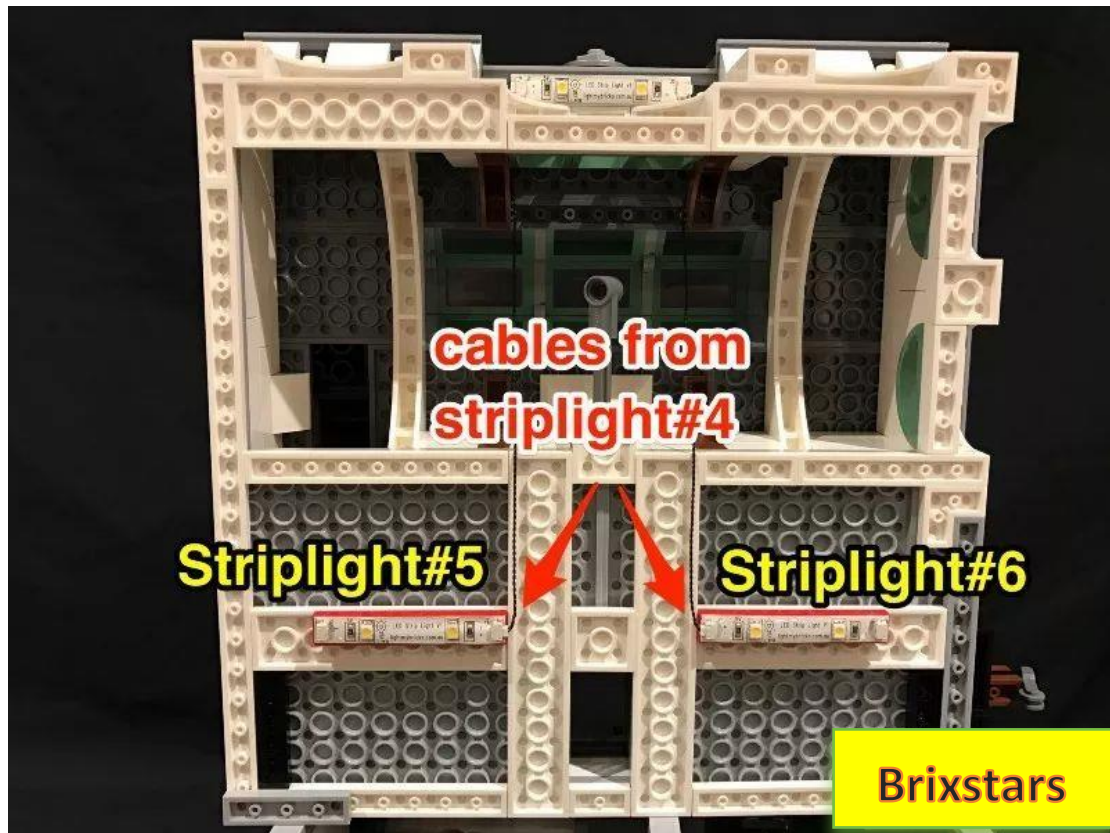


29.) Remove the chandelier from the roof and disassemble it, we will install the lights for it later.

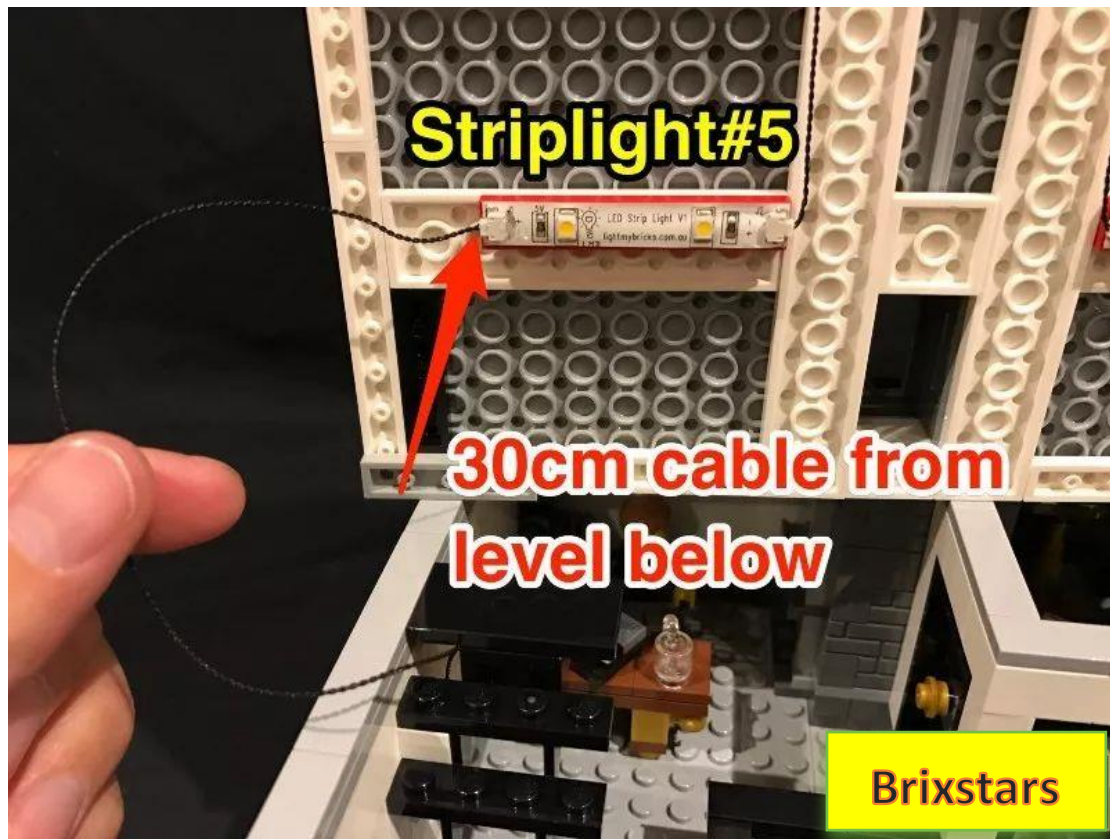


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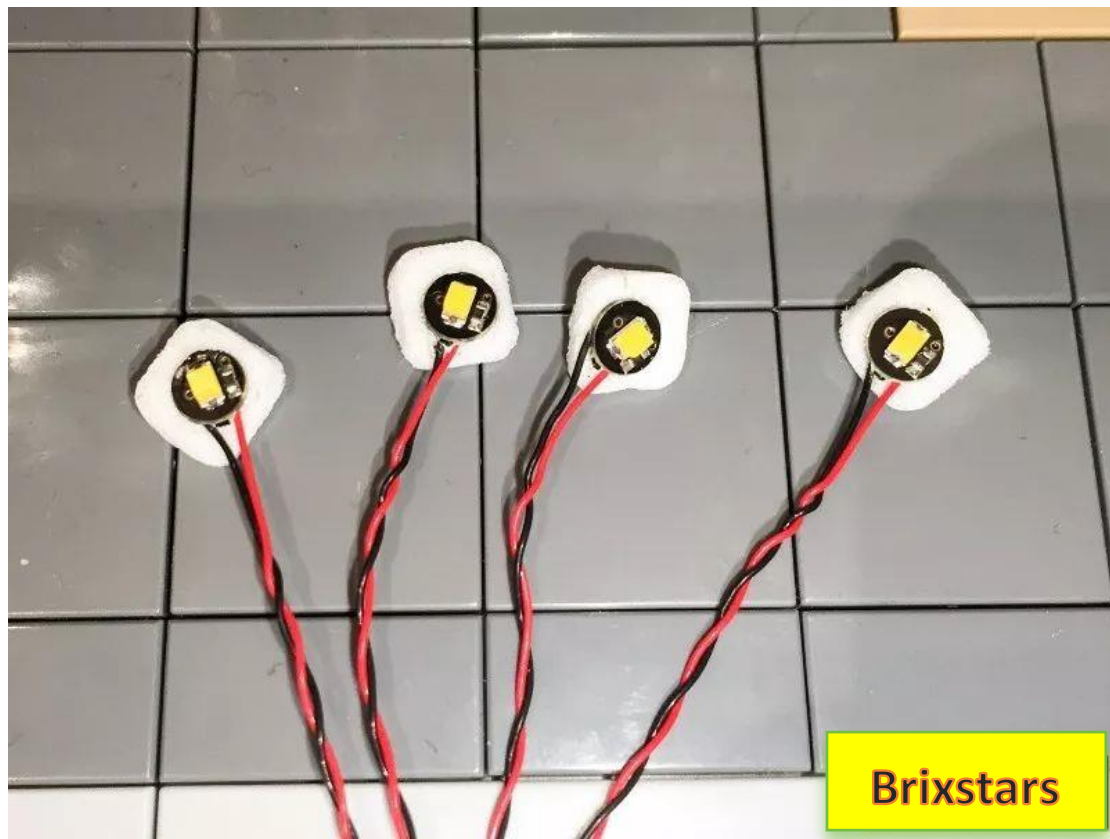
30.) Lift the roof section upwards and install the remaining 2 light strips (**Light Strips #5 and #6**) to the positions shown in the picture below and insert the two 15cm wires into the right port of Light Strip #5 and the left port of Light Strip #6 respectively.



Find the 12-inch cable we threaded in from the lower layer and connect it to the left port on **light bar #5**.



31.) Take out 4 double-sided tapes and stick them to the back of the 4 light particles.

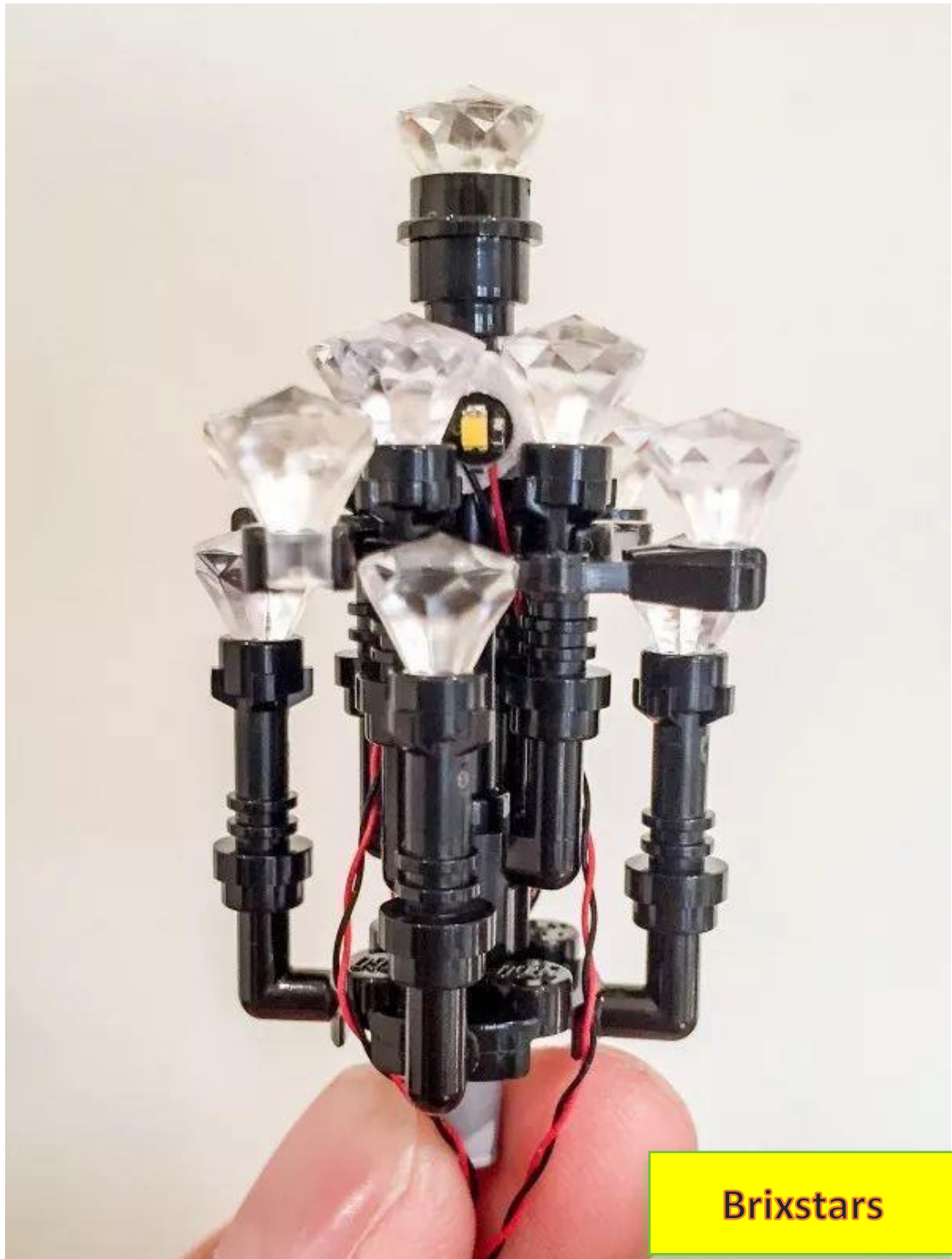


32.) Glue the 4 light grains to the chandelier in step 29, as shown below



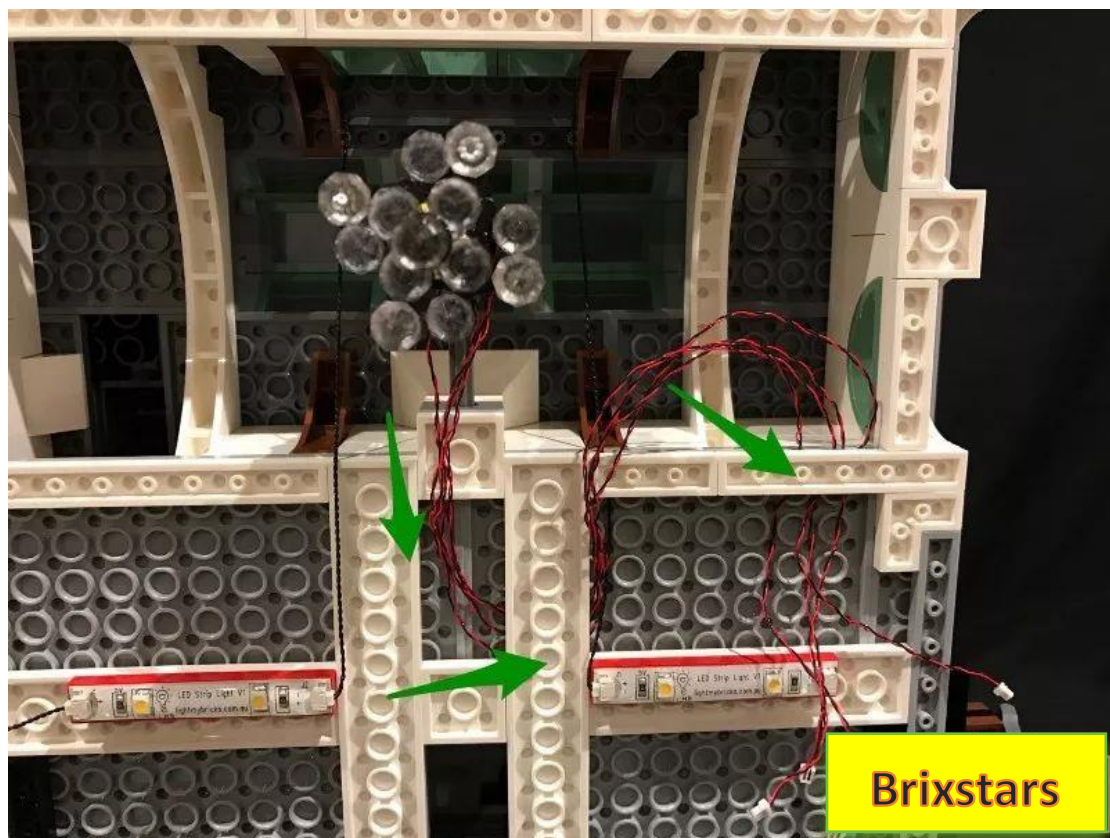
33.) Return the LEGO bricks we removed to their original positions.



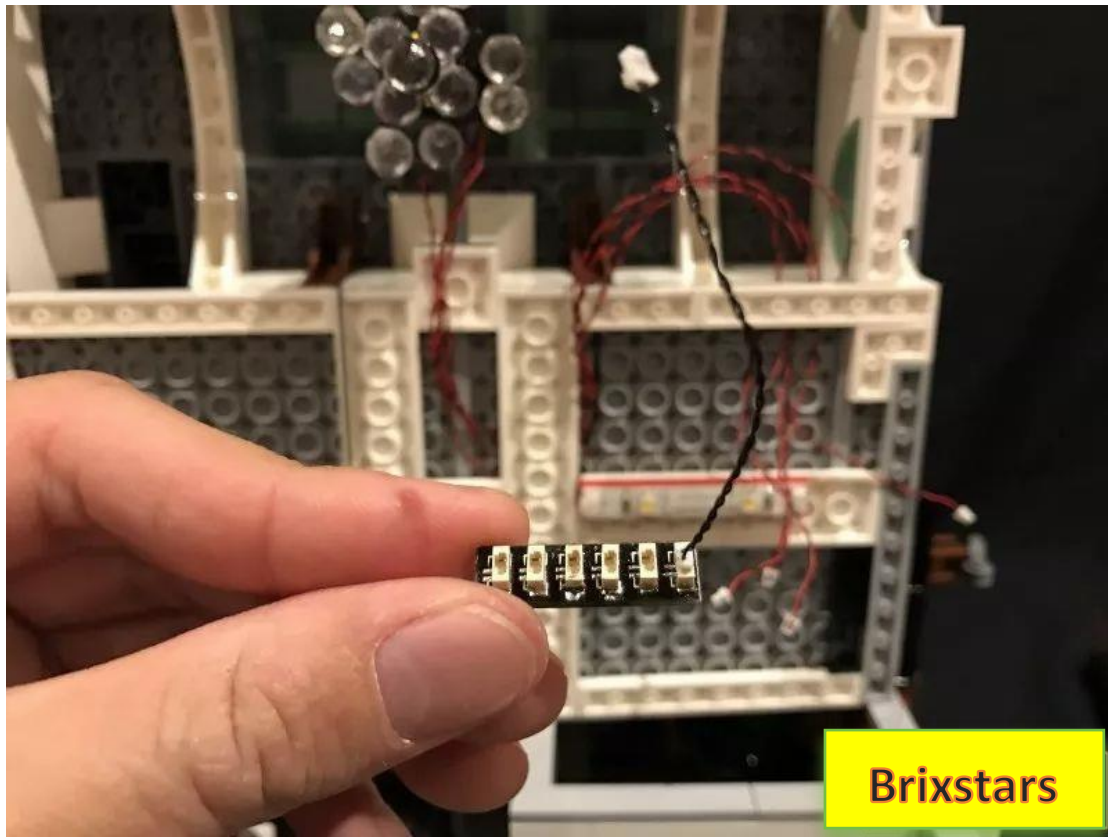


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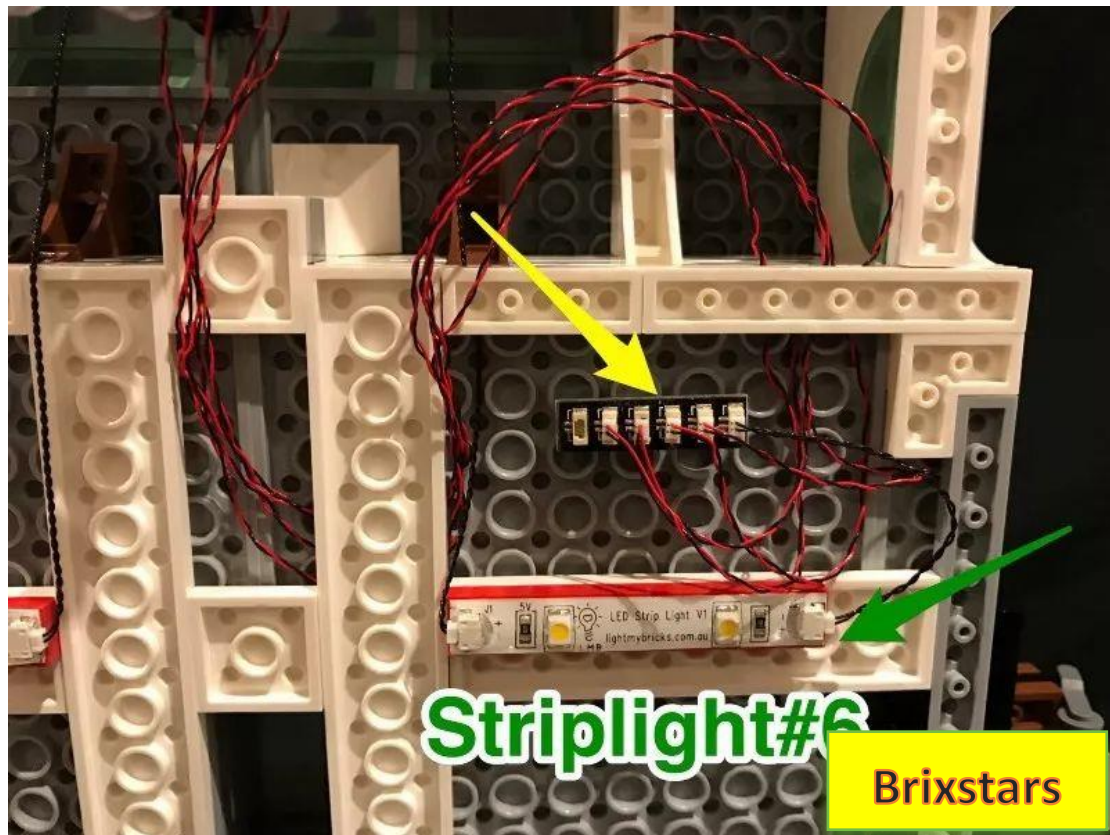
34.) Reassemble the chandelier. As shown in the picture below, connect the 4 lamp wires together and fix them under the white Lego plate.



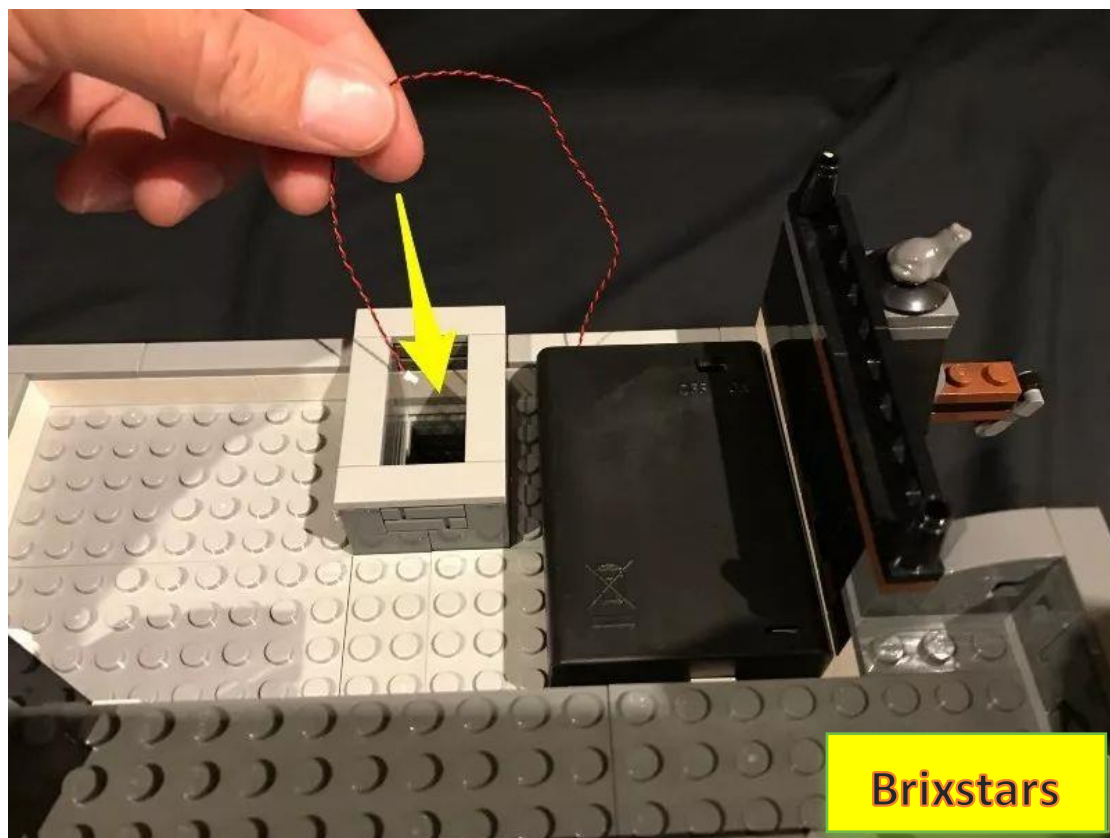
35.) Take the last 6-port socket and connect the 5cm hookup wire to the first port.



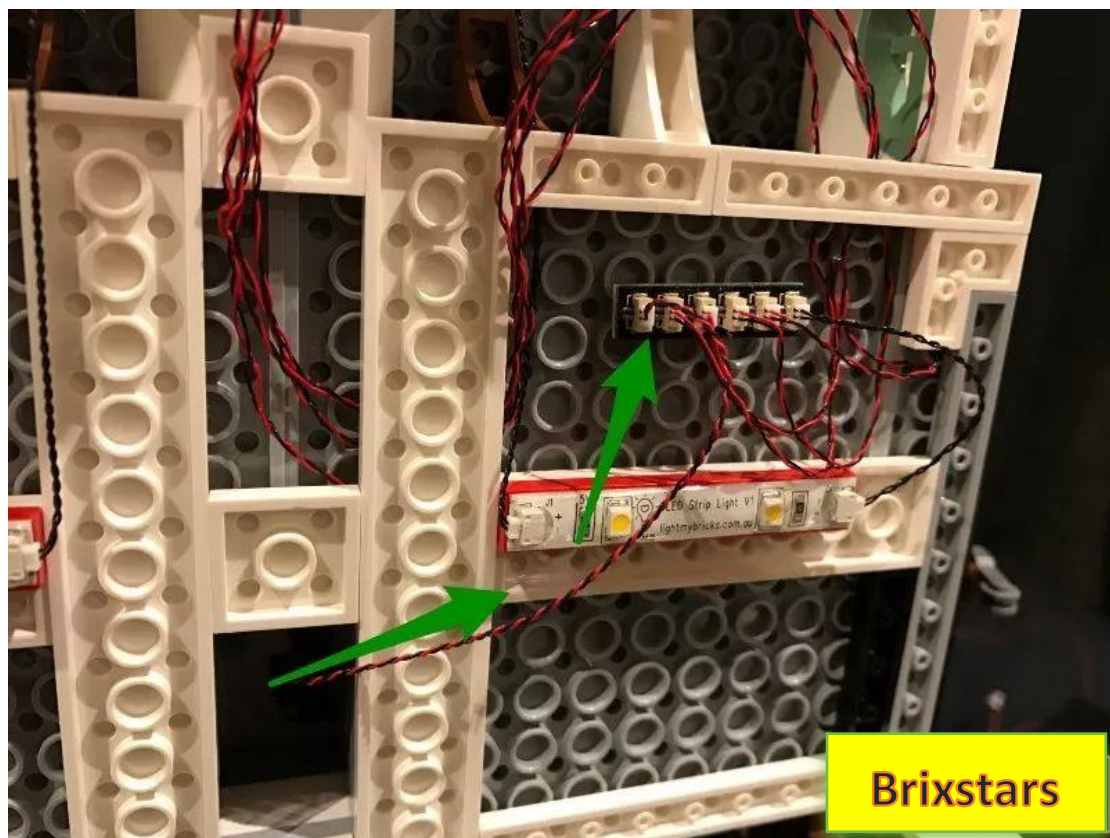
36.) Using double-sided tape, secure the socket to the ceiling, then connect the 4 light pellets from the chandelier to the socket. Connect the other end of the 5cm cable to the right port of **light strip #6**



37.) Put the roof section back on the building, then place the battery box on the roof and run the battery box wires through the chimney



38.) Gently lift the roof and pull the battery box wire down from above. Connect this battery box wire to the last available port on the 6-port socket.



39.) You can secure the battery wires through the chimney. Make sure the wires pass between the studs.



Now, we have completed the installation of this set of lighting. Turn on the power and enjoy it!

