

Bookshop 10270 Basic Version Lighting Kit

Package contents:

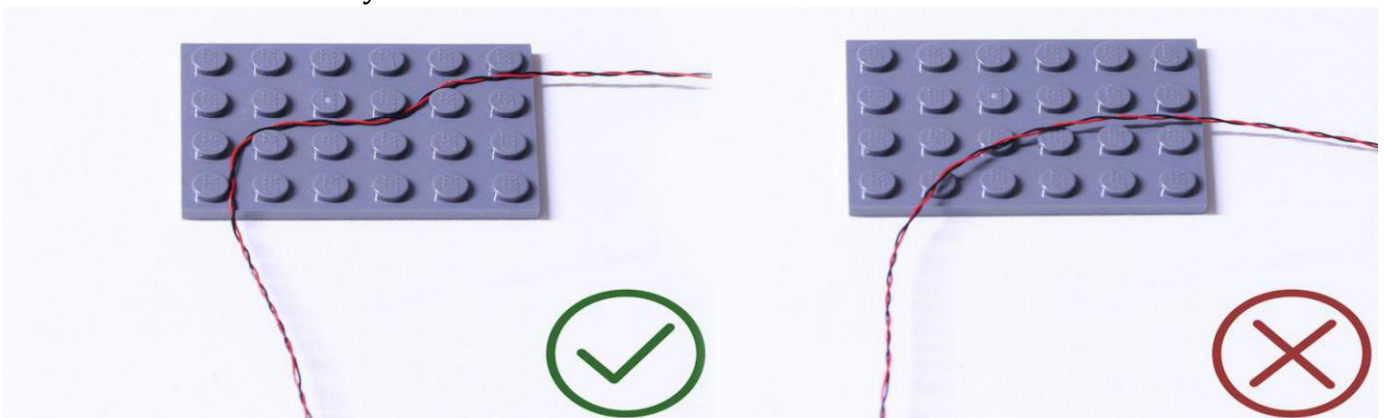
- 7 x 15cm Warm White Dot Lights
- 5 x Warm White Strip Lights
- 1 x 5cm Connecting Cable
- 5 x 15cm Connecting Cables
- 1 x 30cm Connecting Cables
- 3 x 6-port Expansion Boards
- 1 x AA Battery Pack
- 1 x 30cm Lamp Post with White Dot Light

Extra LEGO pieces

Note:

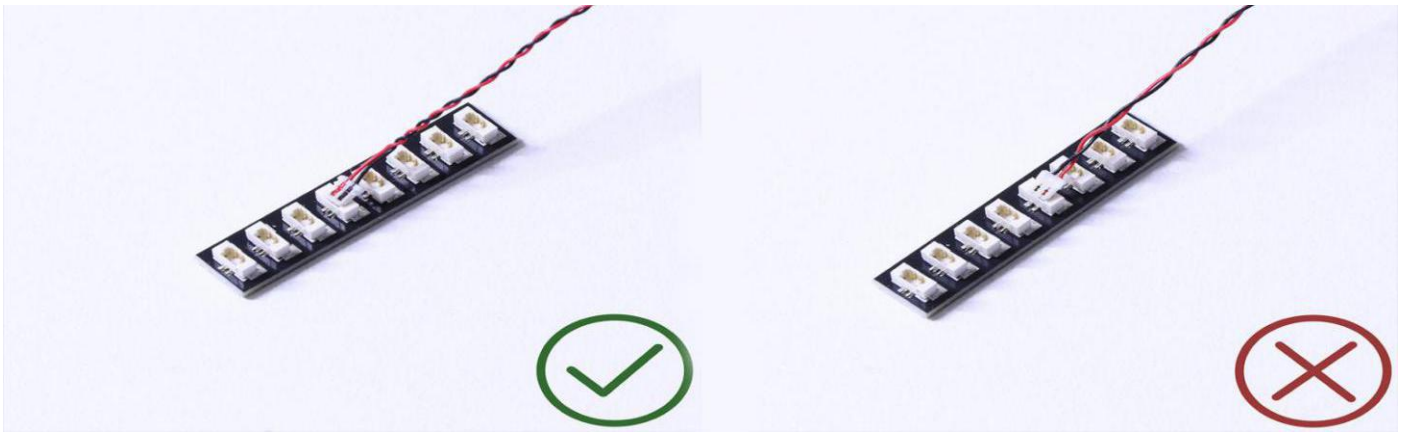
Place wires on the surface or under the LEGO building blocks.

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

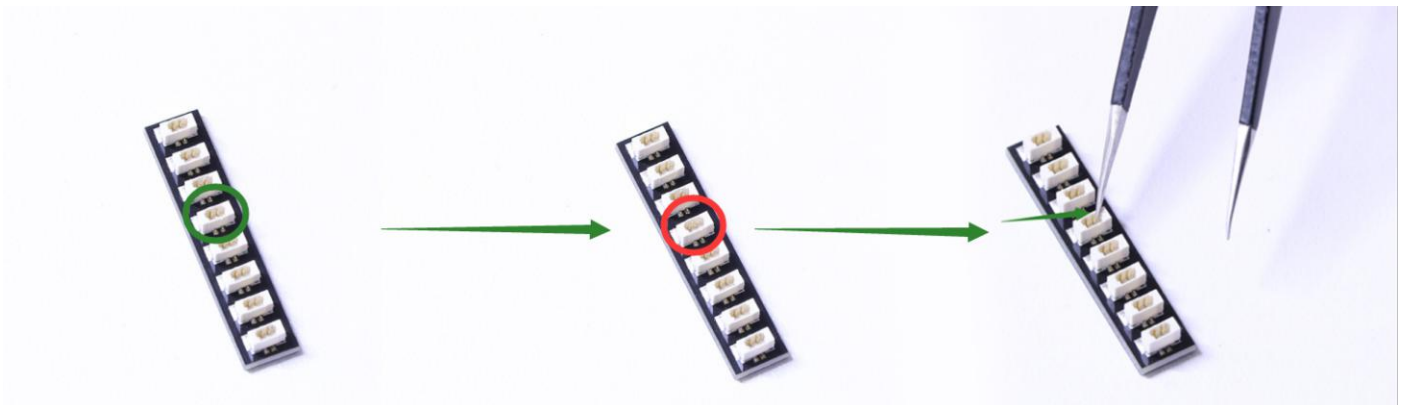


Insert the connectors to the ports.

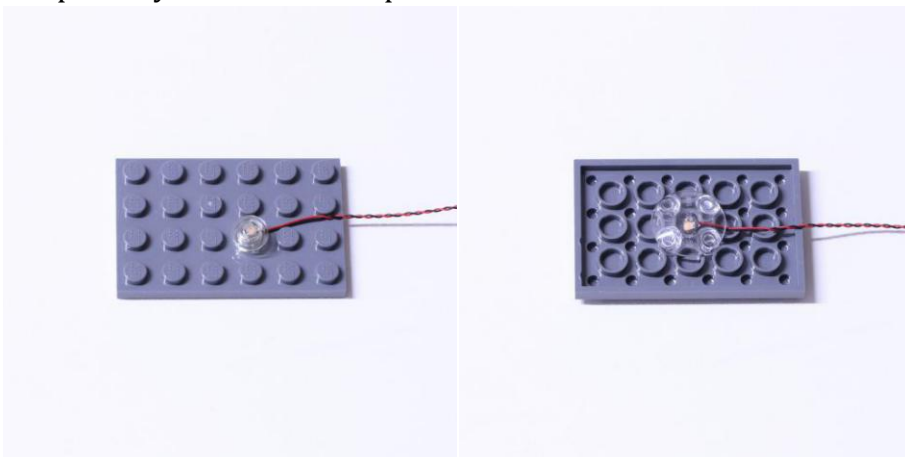
Be careful when you are operating, there's only one correct way to insert, make sure the expansion board is upward, find the soldered "=" sign on the left of the port. When you are inserting, the side which the wires can be seen should be faced to the "=" sign and if you feel hard to insert, please stop,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

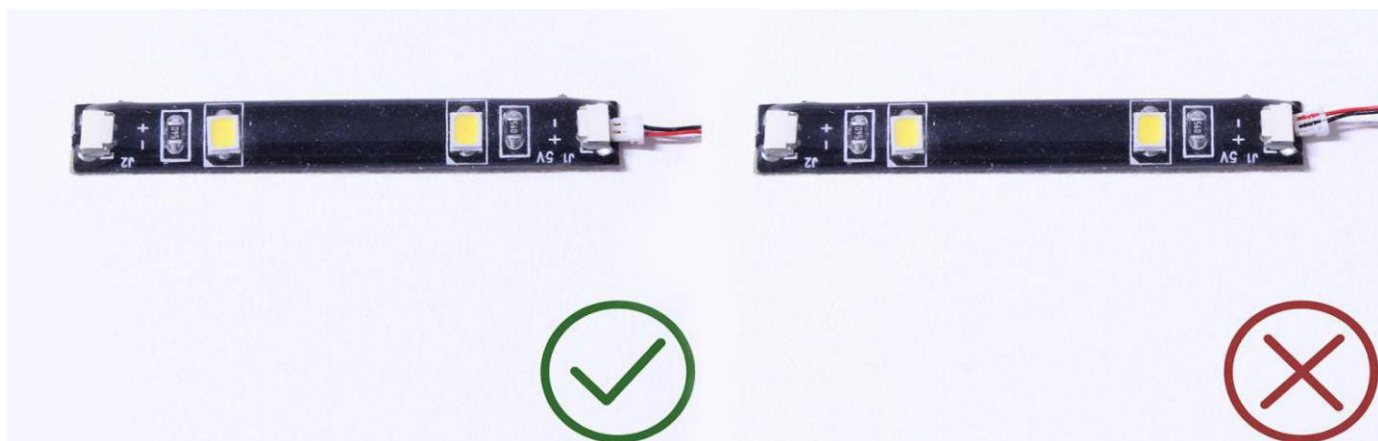


When installing dot lights, make sure they are correctly placed (Yellow LED package is exposed). You can put them either on the top of the studs or between studs.

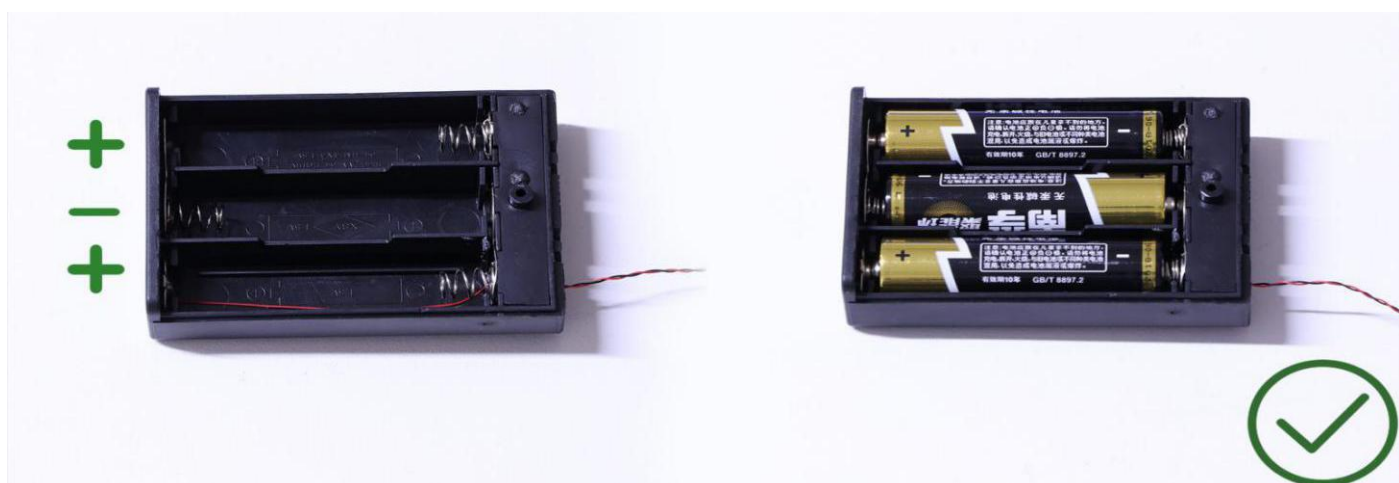


Connecting cable connectors to Strip Lights

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.



Instructions for installing this kit:

OK, Let' s Begin!

Separate the 2 buildings as per below.



Start from installing lights for the blue house, remove the top of the house.



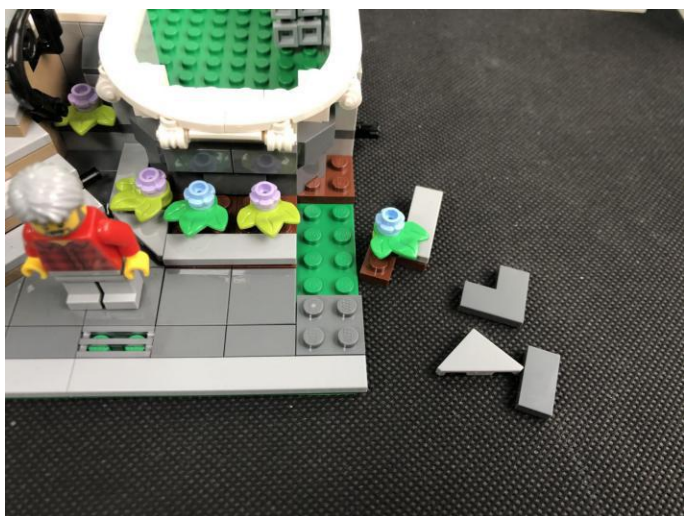
Remove the lamp post.



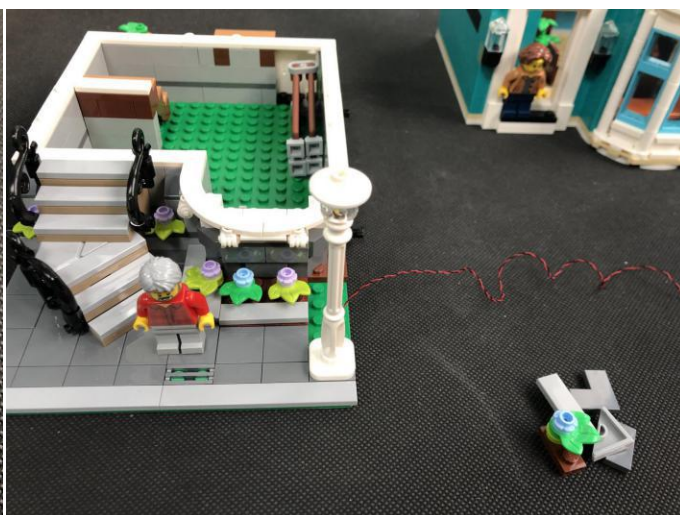
Remove the second floor of the house.



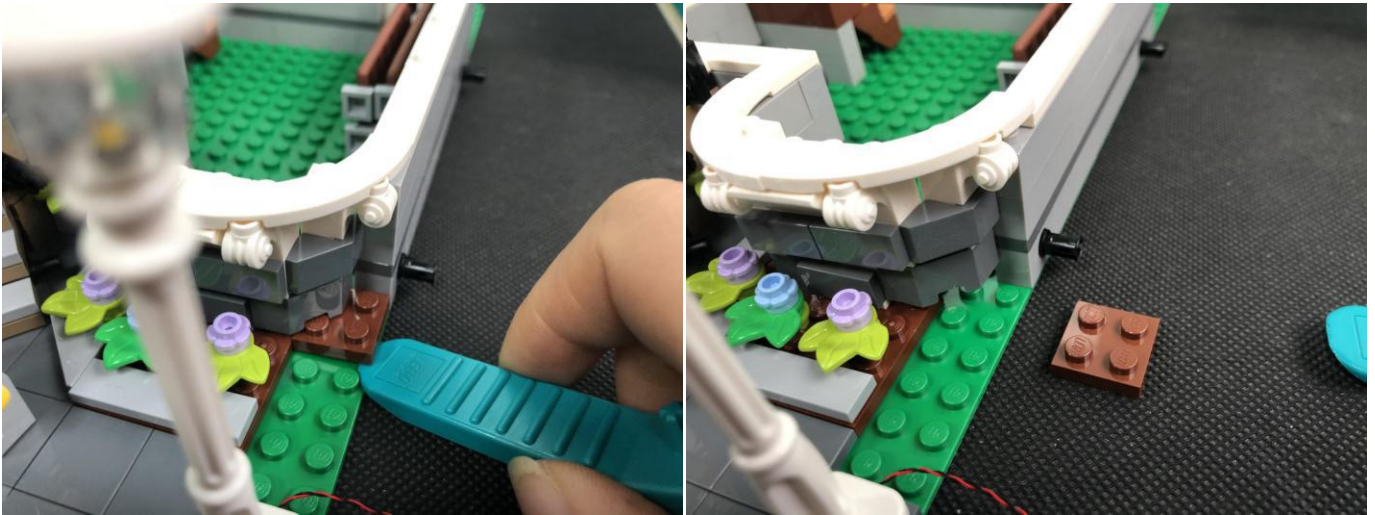
Remove the following pieces.



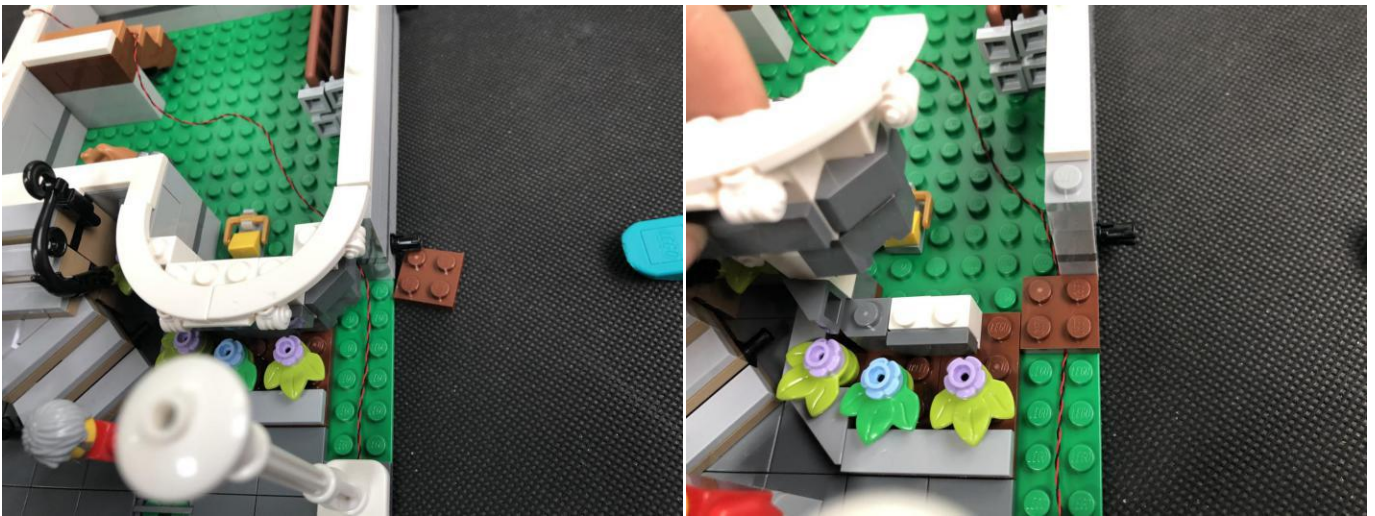
Take the 30cm Lamp Post with White Dot Light, replace the original one with it, install it to the following place.



Remove the following 2x2 brown piece.



Thread the cable through the following space reconnect the brown piece to secure the cable.



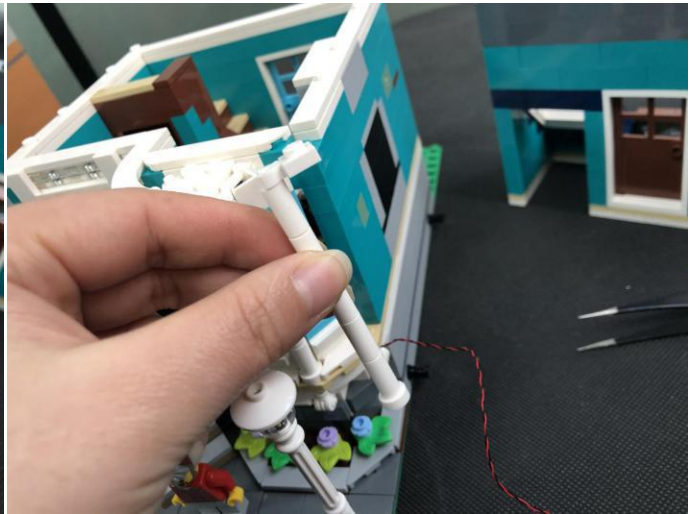
Reconnect the pieces we removed before.



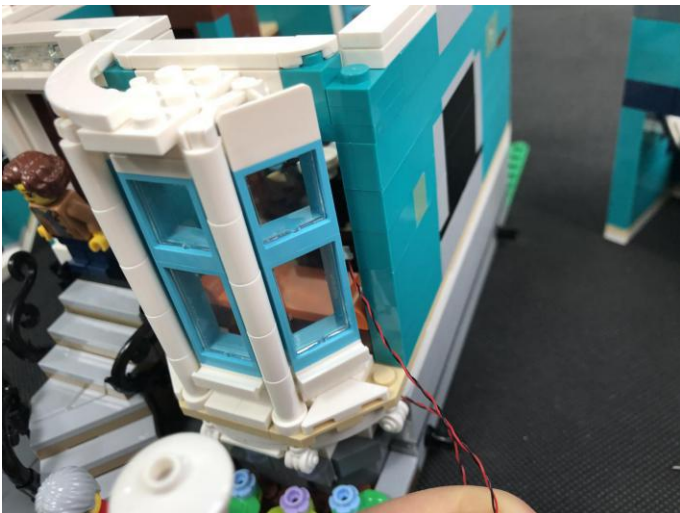
Reconnect the second floor, pull the cable to the outside.



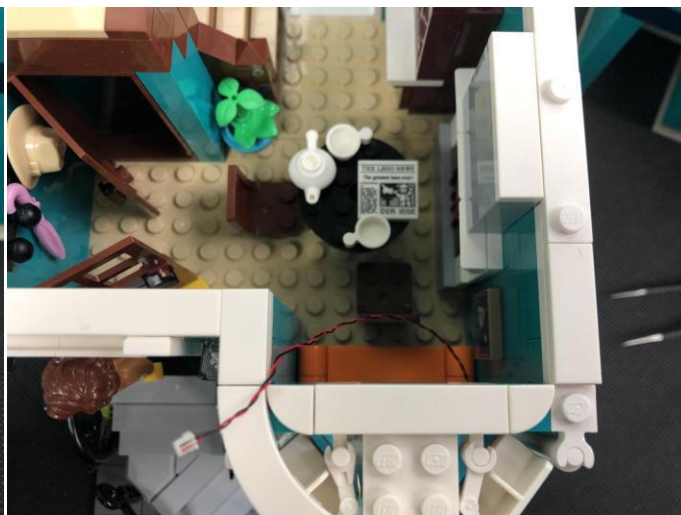
Remove the following pieces.



Thread the cable through the following space to the inside.



Reconnect the lamp post to secure the cable, pull the cable out from the top.



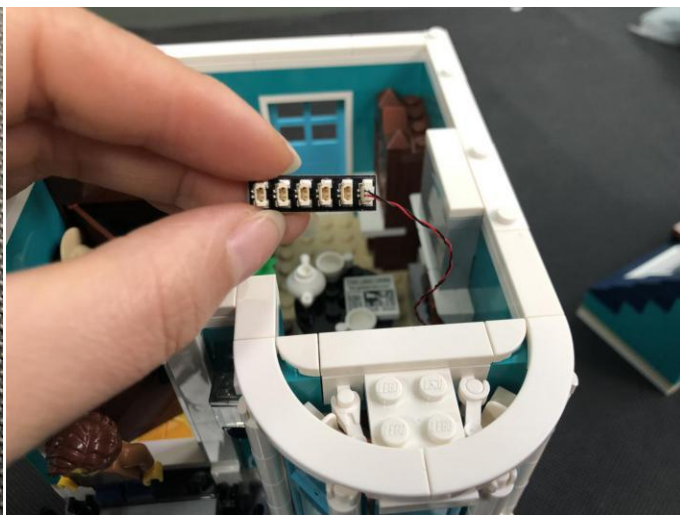
Remove the following part behind the roof.



Reconnect the arc piece.



Take a 6-port expansion board, connect the cable to it.



Tuck excess cables, stick the expansion board to the following wall.



Continue to install light behind the door, remove the white 1x8 plate.



Remove the door, remove the lamp at the left side.



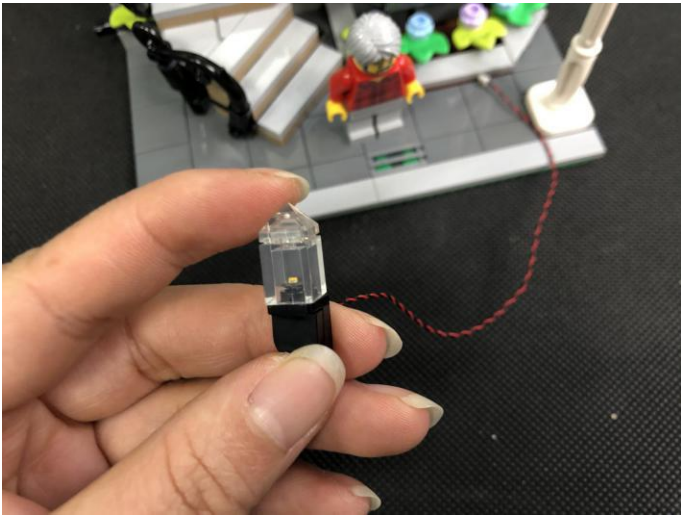
Disassemble the lamp.



Take a warm white 15cm dot light, with lighting part facing up, place the light over the black piece.



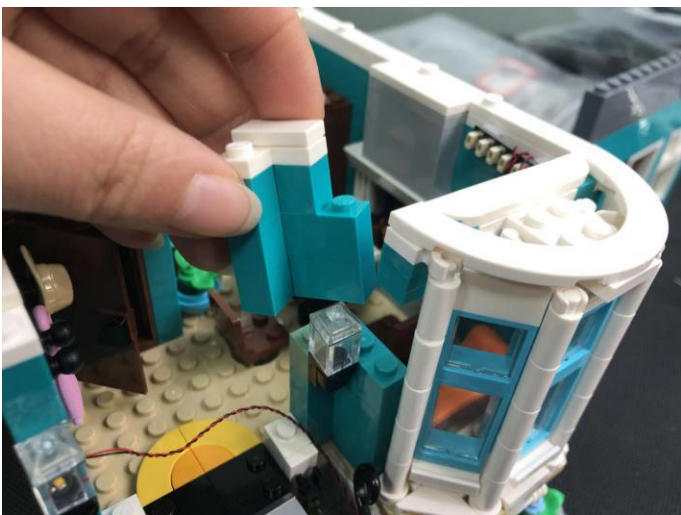
Reconnect the shade to secure the light.



Reconnect the lamp back to the wall.



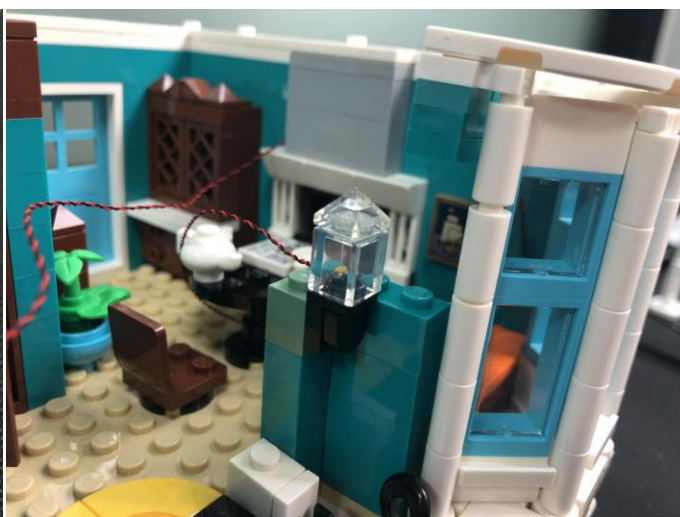
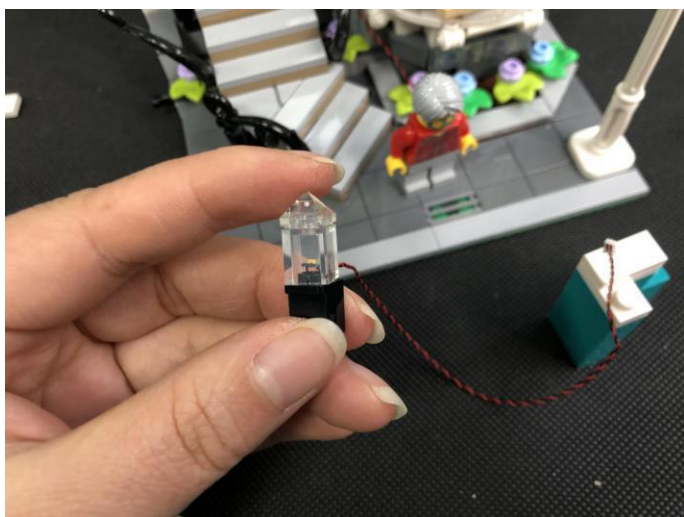
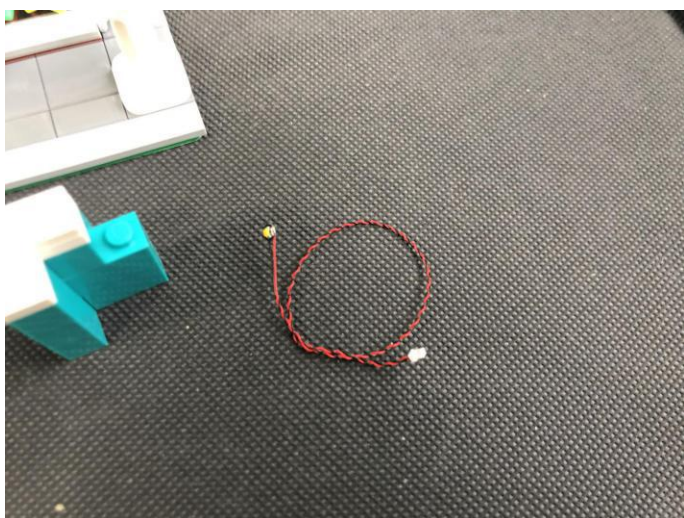
Continue to install light for the lamp at the right side. Remove the following part.

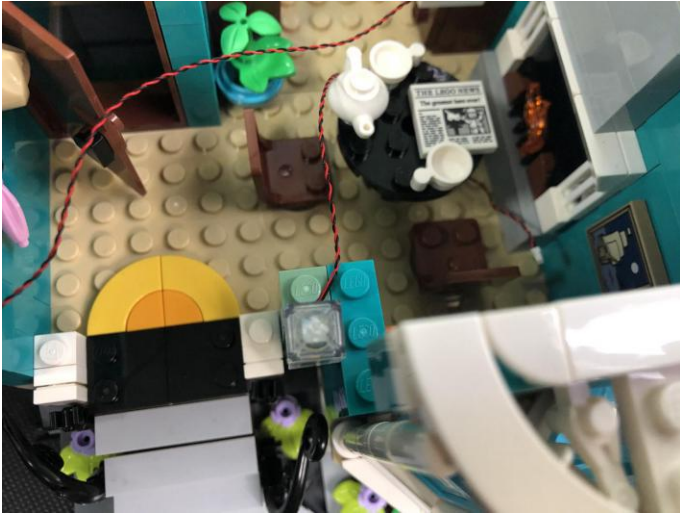


Remove the lamp, disassemble it.



Take a warm white 15cm dot light, repeat the steps above to install the light for the lamp at the right side.

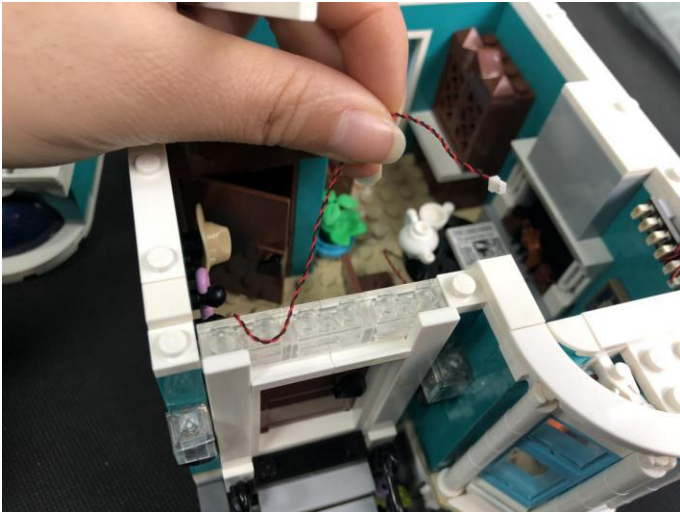




Reconnect the wall, reconnect the door.



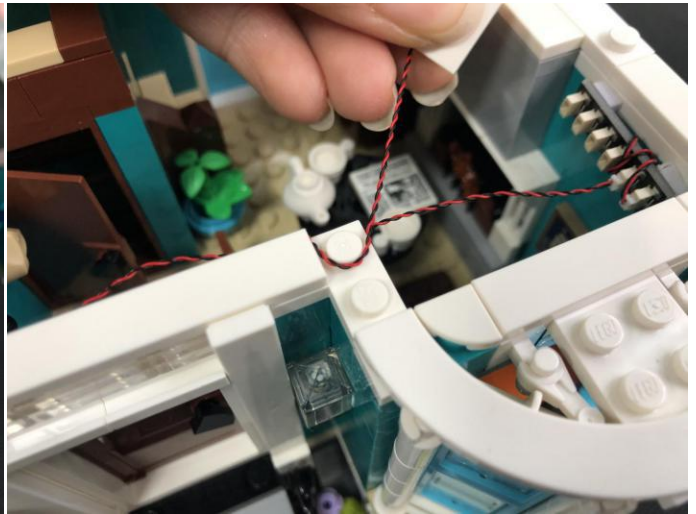
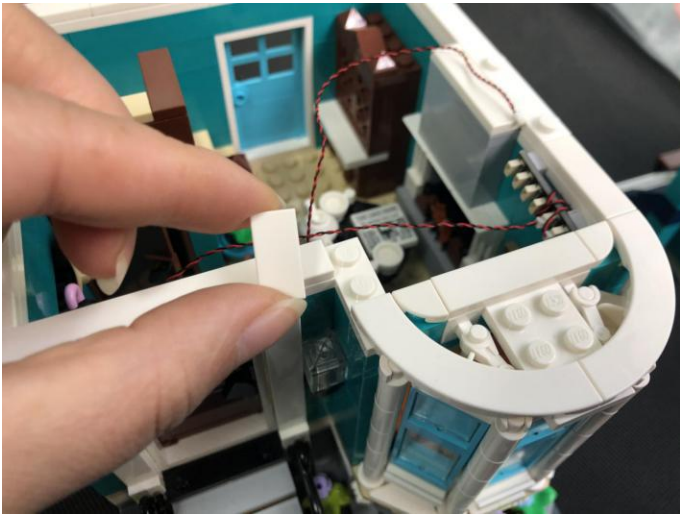
Wind the cable around the doorpost, reconnect the white 1x8 plate to secure the cable.



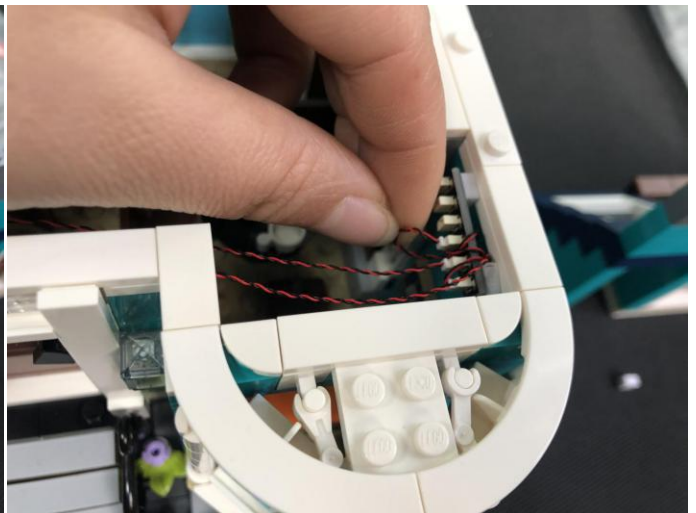
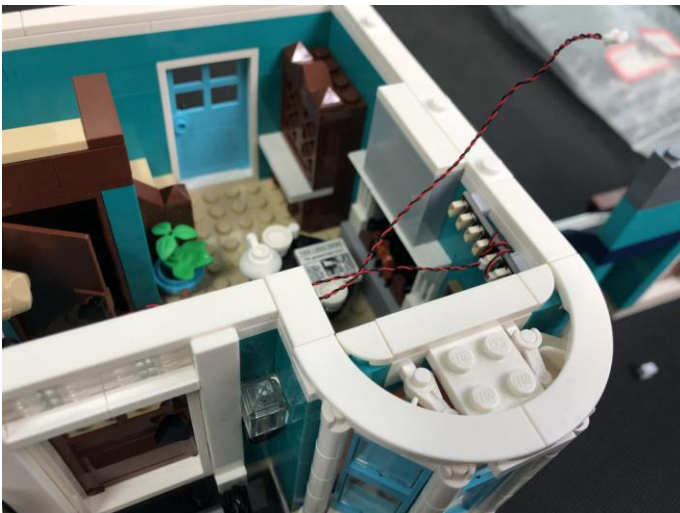
Connect the cable to the expansion board.



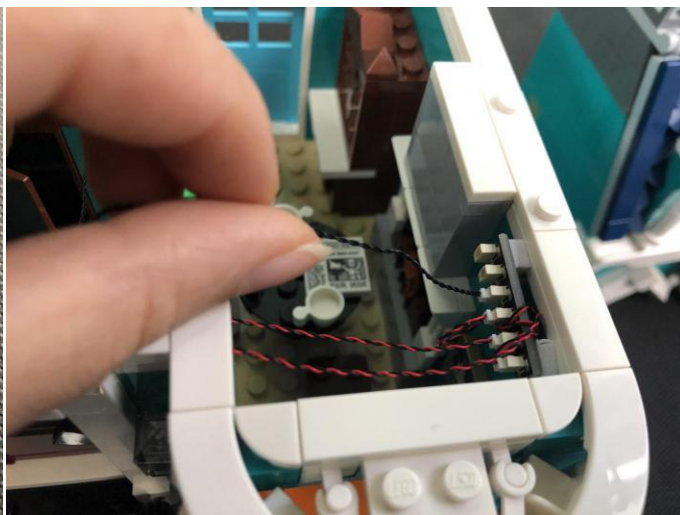
Remove the white 1x2 plate, wind the cable from the right side around the stud as per below.



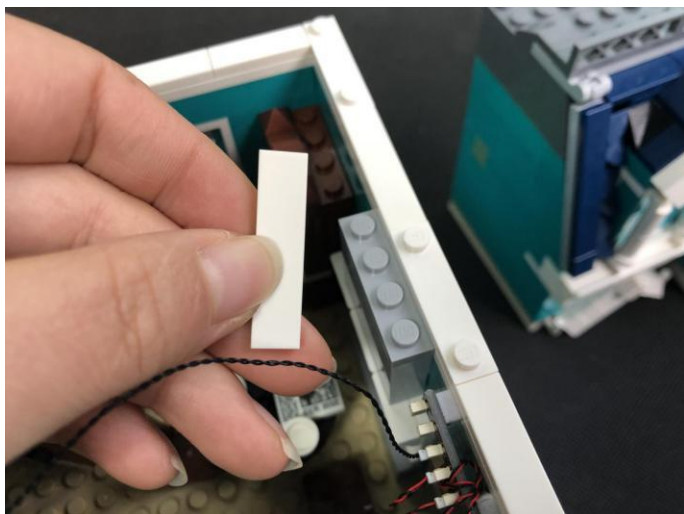
Reconnect the white 1x2 plate to secure the cable, connect the cable to the expansion board.



Take a 30cm connecting cable, connect it to the expansion board.



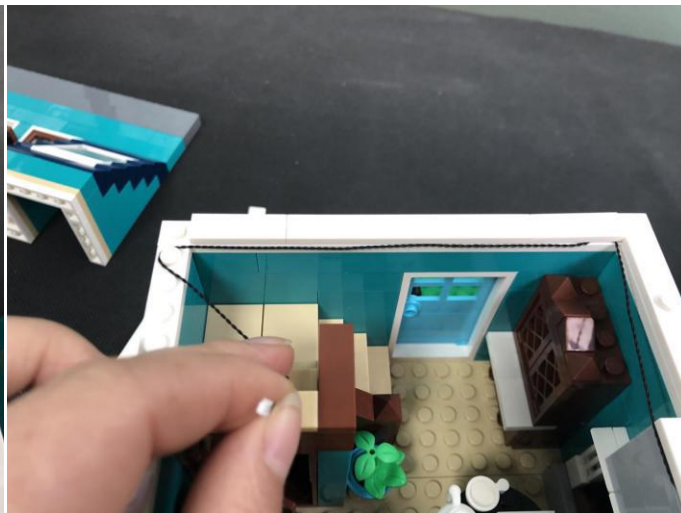
Remove the following white 1x4 plate, reconnect it to secure the cable.



Remove the following beam.



Place the cable as per below.



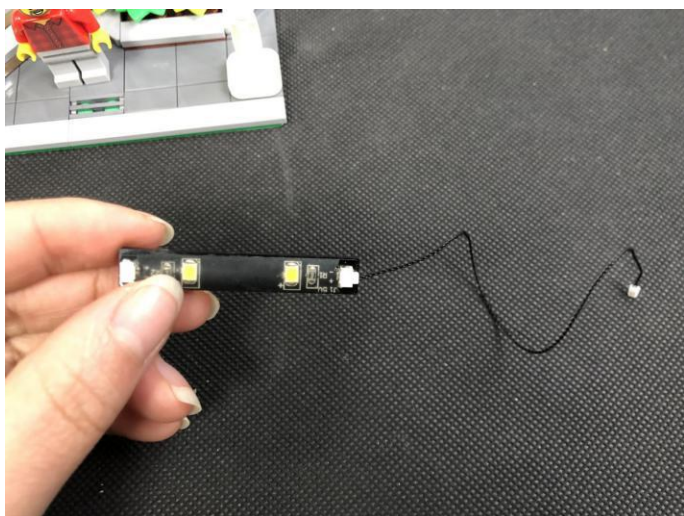
Pull the cable out.



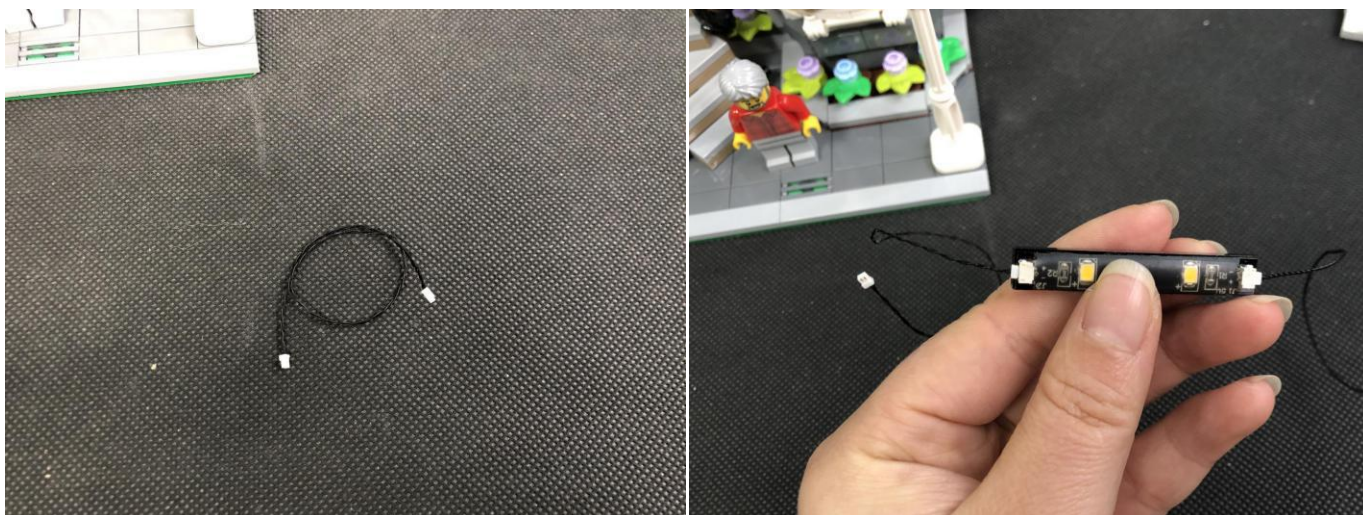
Take a 15cm connecting cable, a warm white strip light, a black 1x6 plate, stick the strip light to the plate.



Connect the connecting cable to the right port of the strip light.



Take another 15cm connecting cable, connect it to the left port of the strip light.



Turn the top floor to its side, stick the strip light underneath.



Connect the cable from the right port to the expansion board, tuck excess cable around the plate.



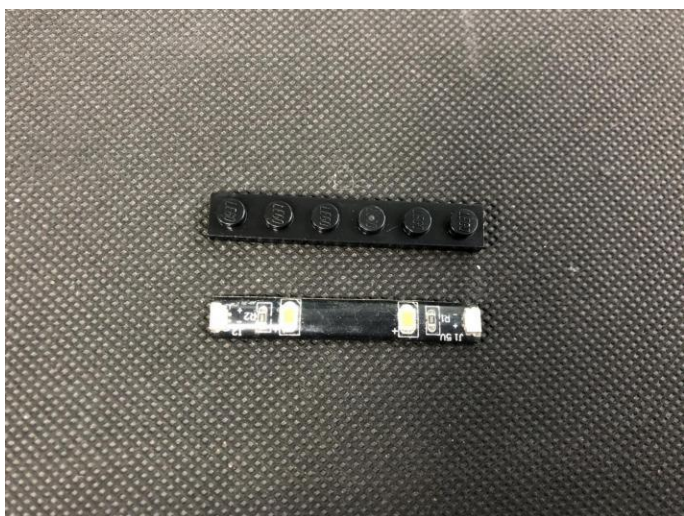
Reconnect the floor.



Turn the house to its back, pull the cable from the left port of the strip light out from the brown piece beside the stairs.



Take a warm white strip light, a black 1x6 plate, stick the strip light to the plate.



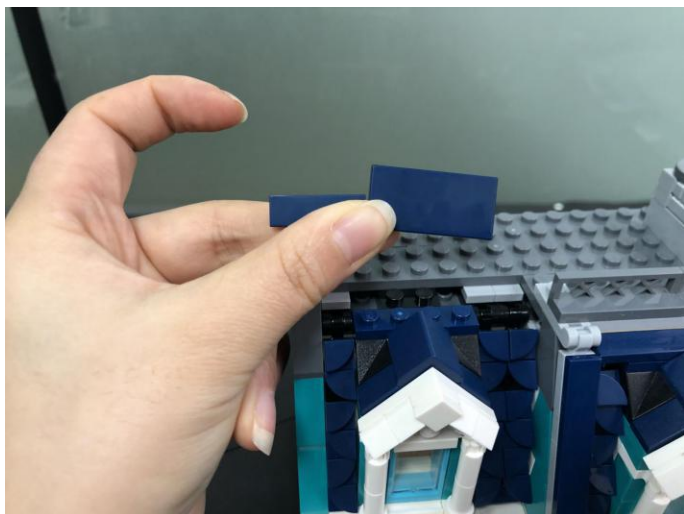
Connect the cable we pulled before to the strip light, stick the strip light to the roof.



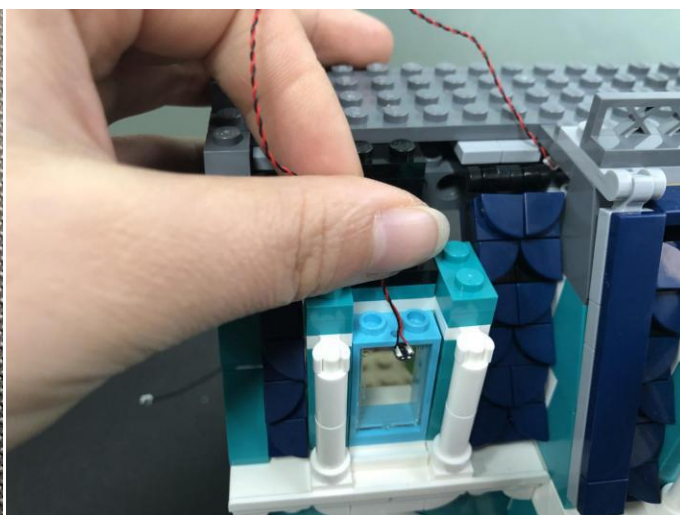
Move onto installing lights for the 2 windows, remove the following piece.



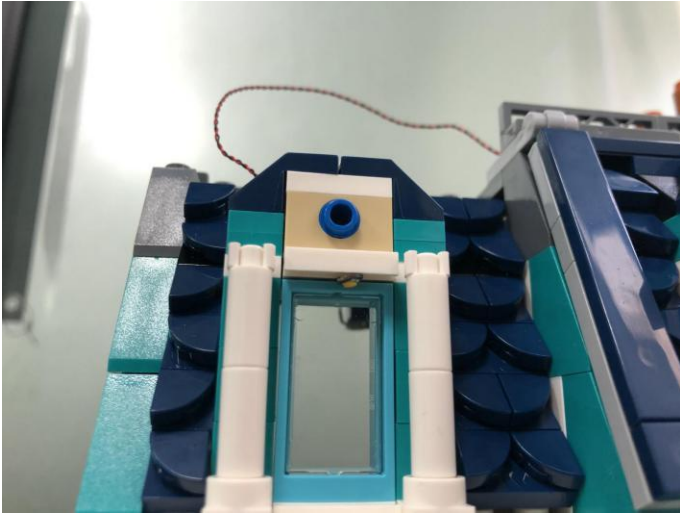
Remove the following pieces.



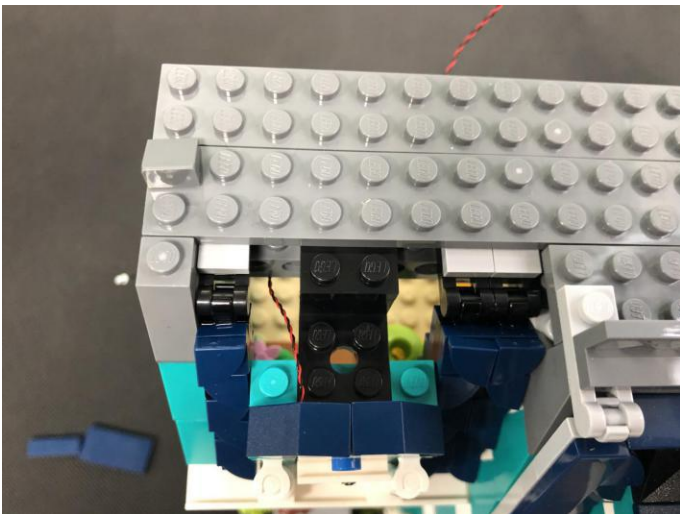
Take a 15cm warm white dot light, with lighting part facing down, connect the light over the window.



Reconnect the eave to secure the light.



Thread the cable to the inside.

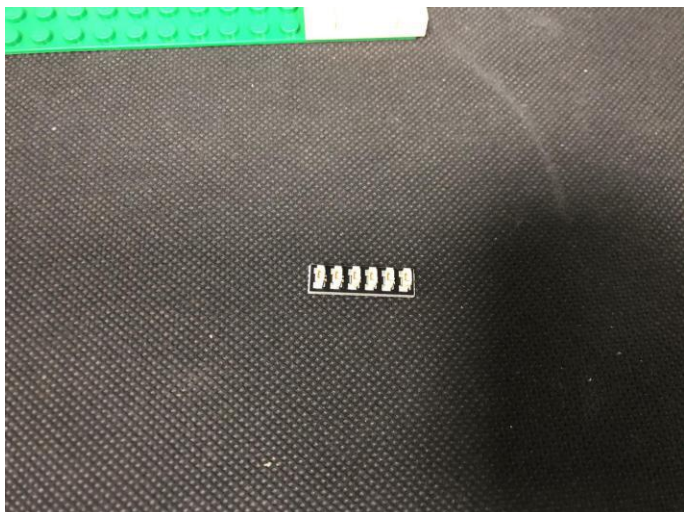


Reconnect the pieces we removed before.

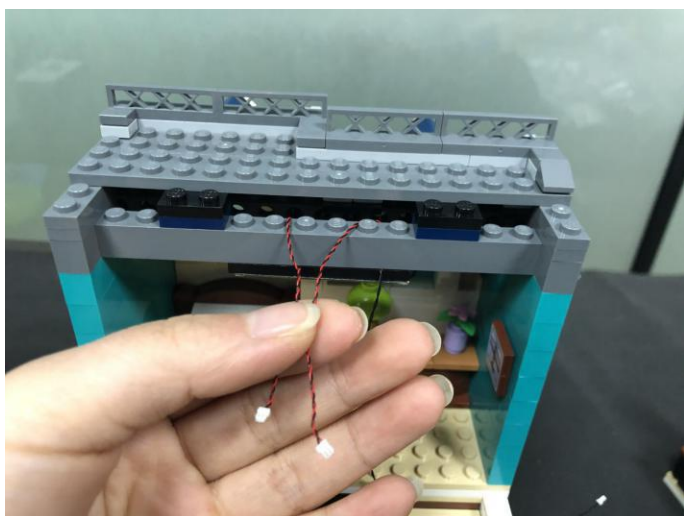


Take a warm white 15cm dot light, repeat the previous steps to install lights for the left window.

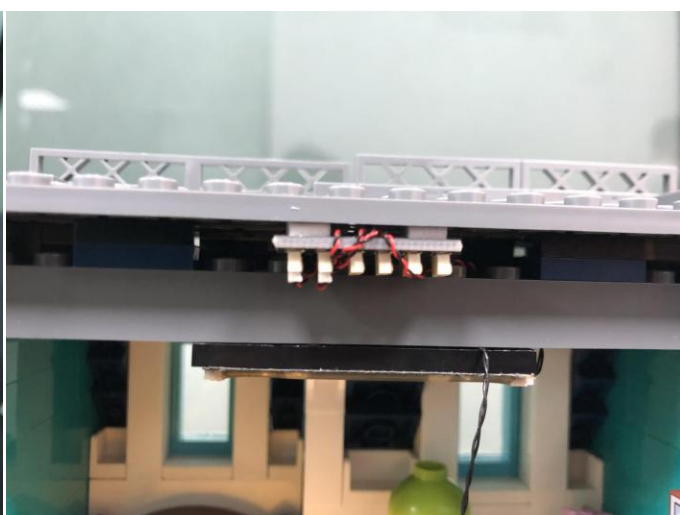
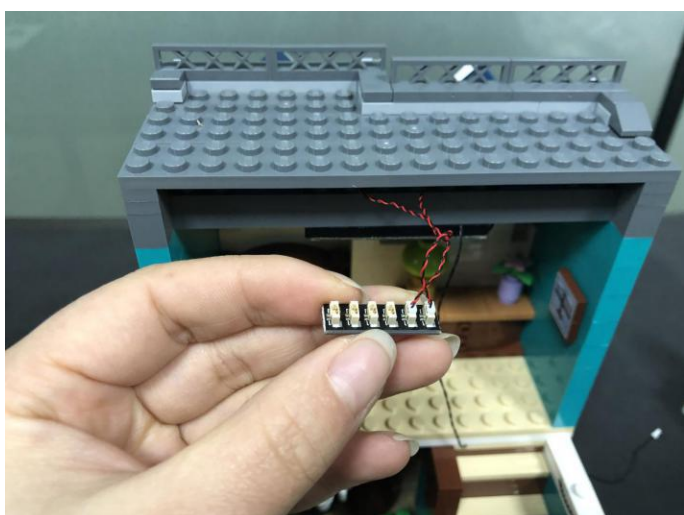
Take a 6-port expansion board, remove the gray piece from the roof.



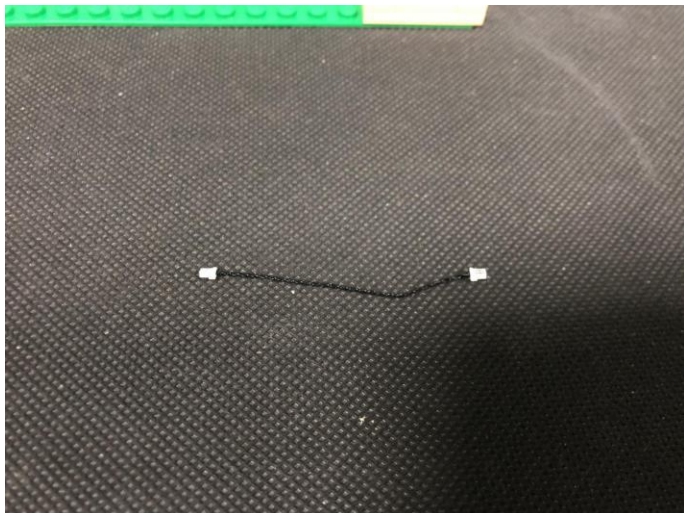
Pull the cable out, group the 2 cables together, reconnect the gray piece.



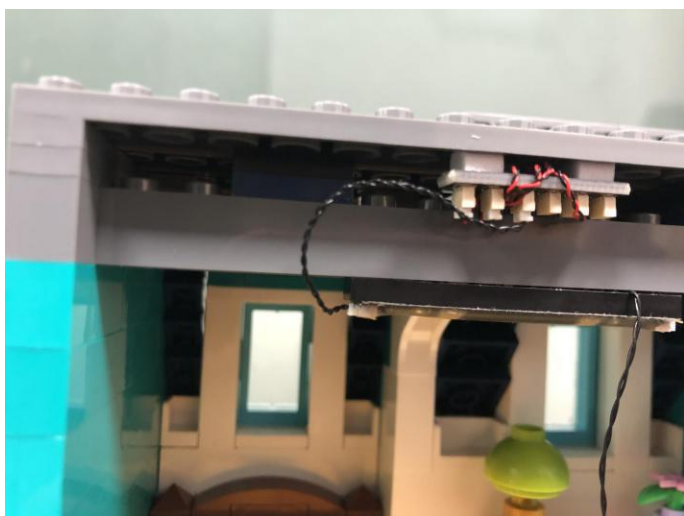
Connect the cables to the expansion board, stick the expansion board to the roof with adhesive squares.



Take a 5cm connecting cable, connect it to the 6-port expansion board at the roof.



Connect the other side of the connecting cable to the strip light.



Reconnect the back of the roof.



Continue to install lights for the orange house, remove the tree in front of the door.



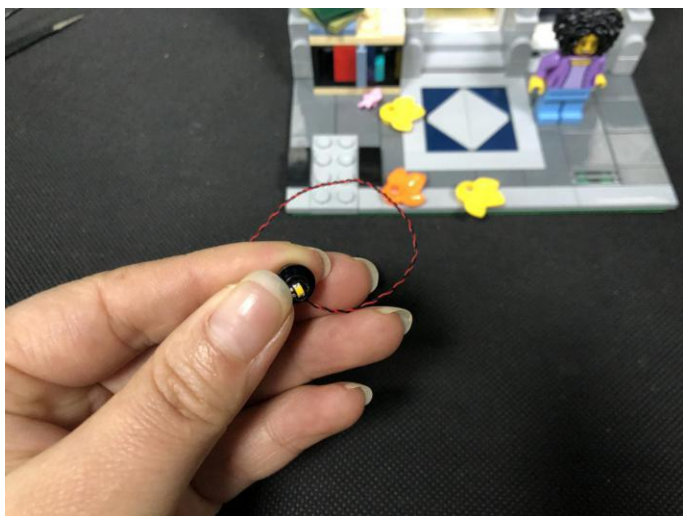
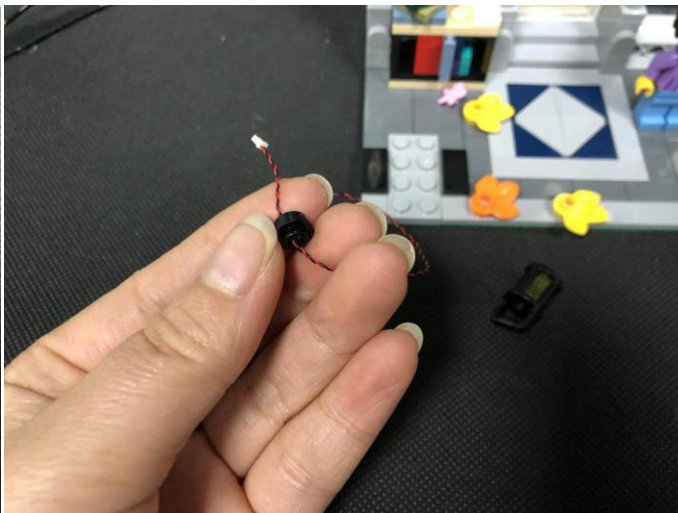
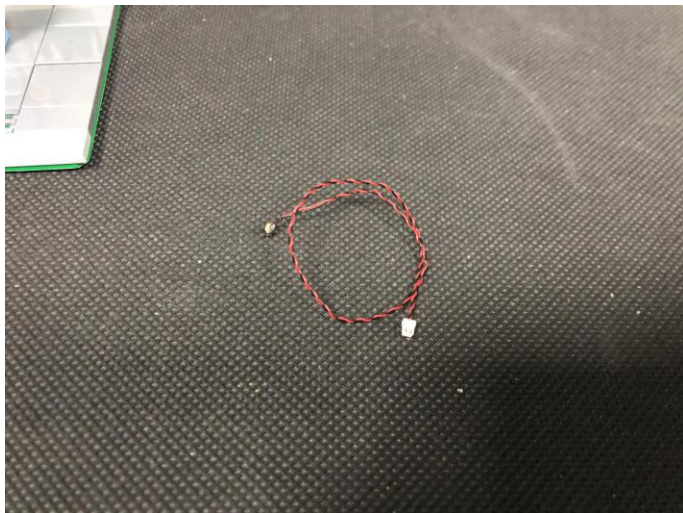
Remove the lamp above the door.



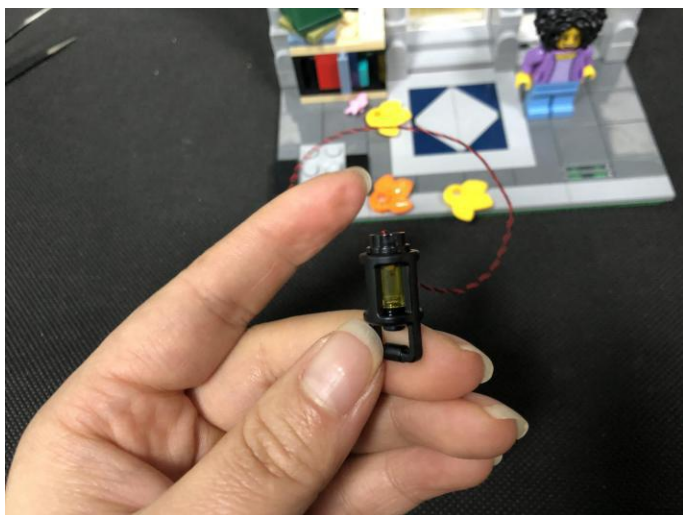
Disassemble the lamp.



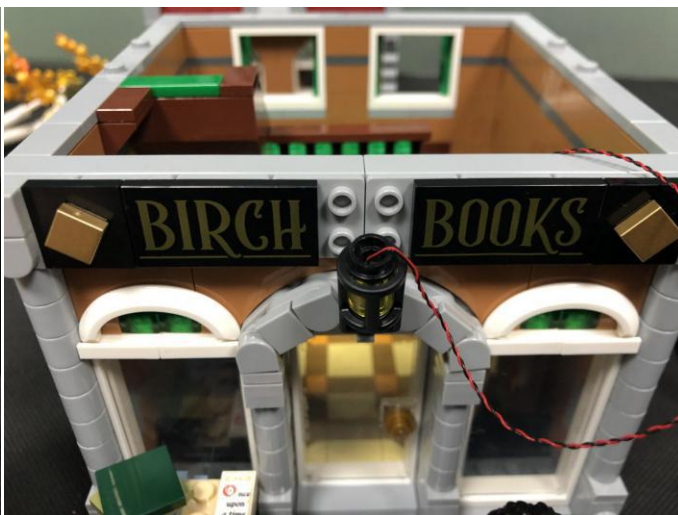
Take a warm white 15cm dot light, thread it through the following black 1x1 round plate, pull the cable out.



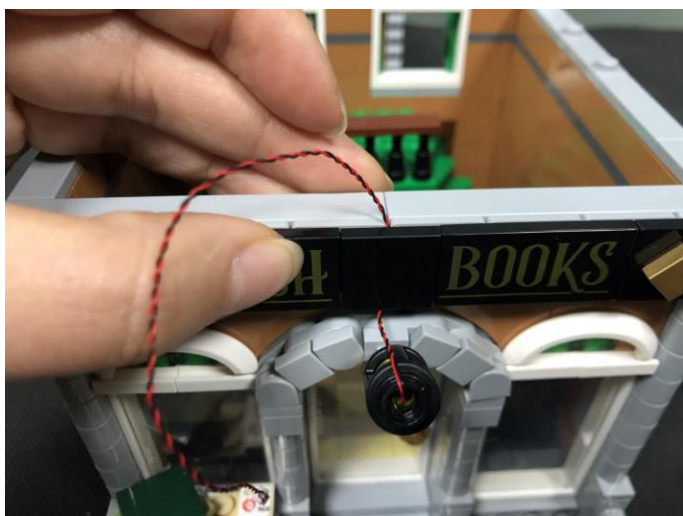
Reconnect the shade.



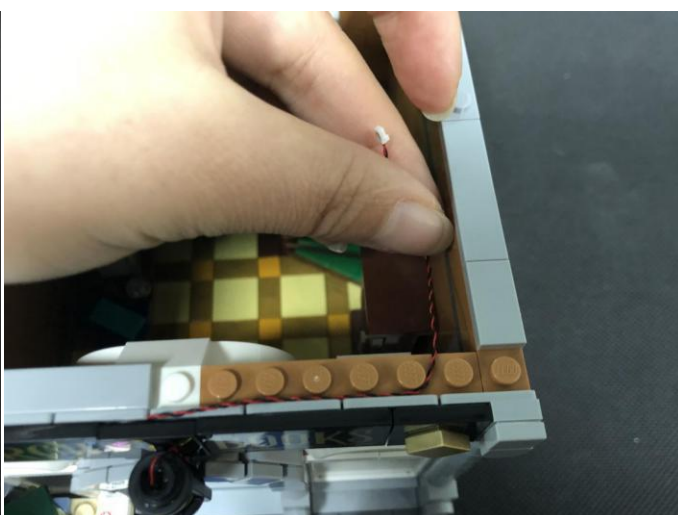
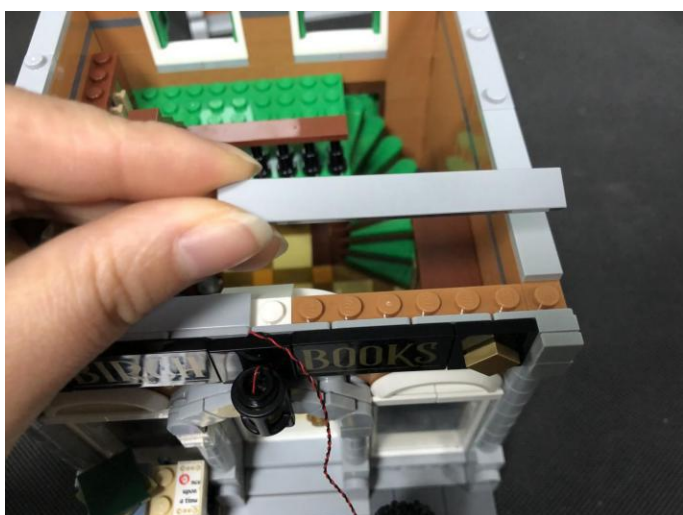
Remove the black 2x2 plate from the middle of the signboard, reconnect the lamp.

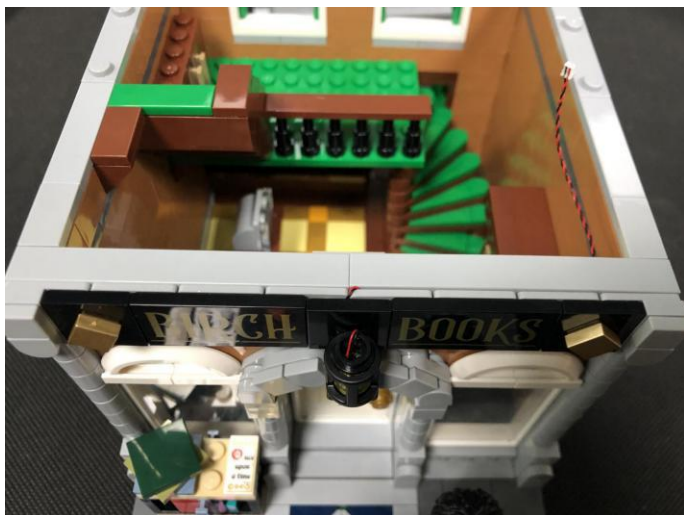


Secure the cable with the black 2x2 plate, straighten the lamp as per below.

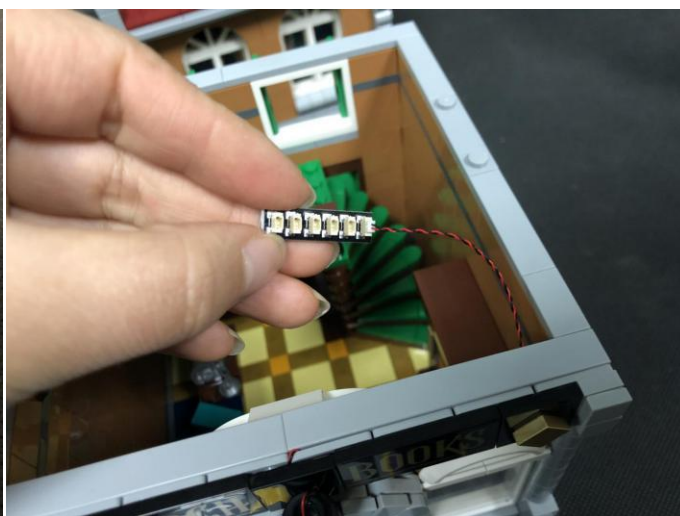


Remove the gray 1x8 plate from the beam, place the cable as per below, reconnect the gray plate to secure the cable.





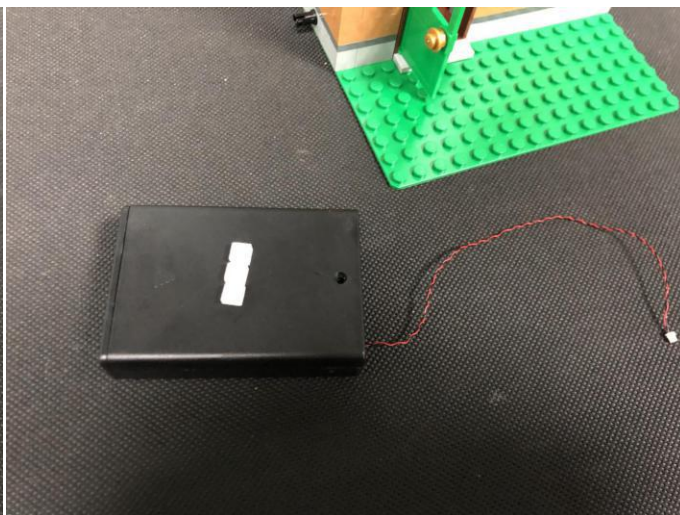
Take a 6-port expansion board, connect the cable to the expansion board.



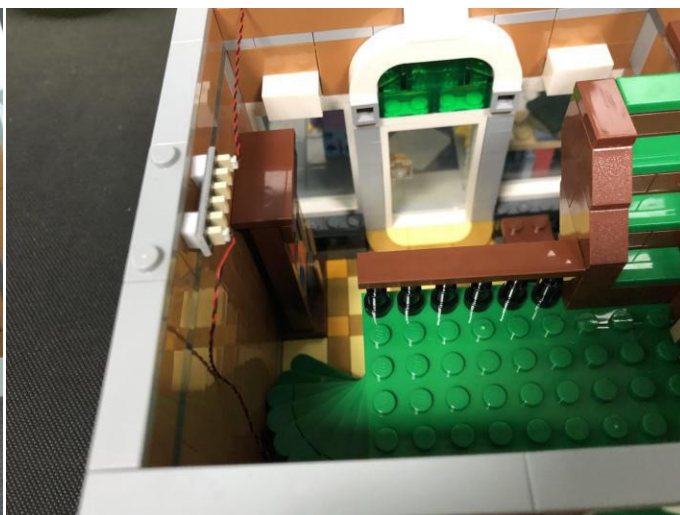
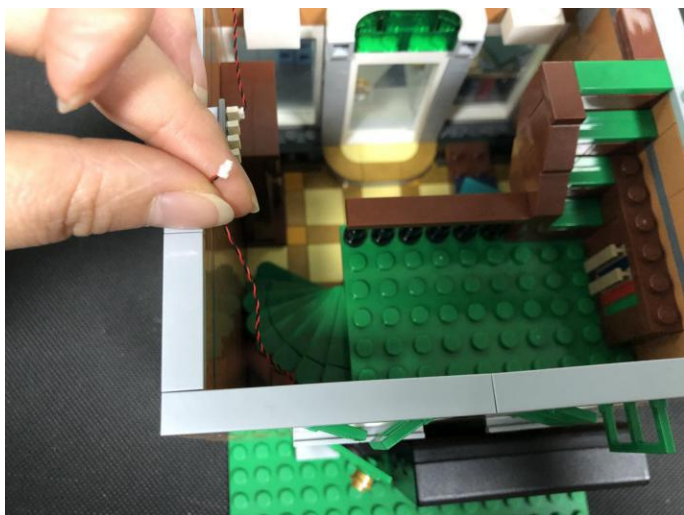
Stick the expansion board to the following place.



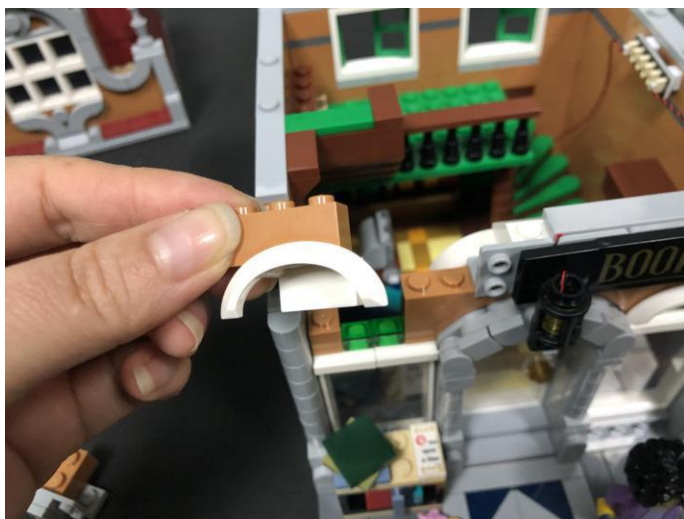
Take the battery pack, stick it to the back of the house.



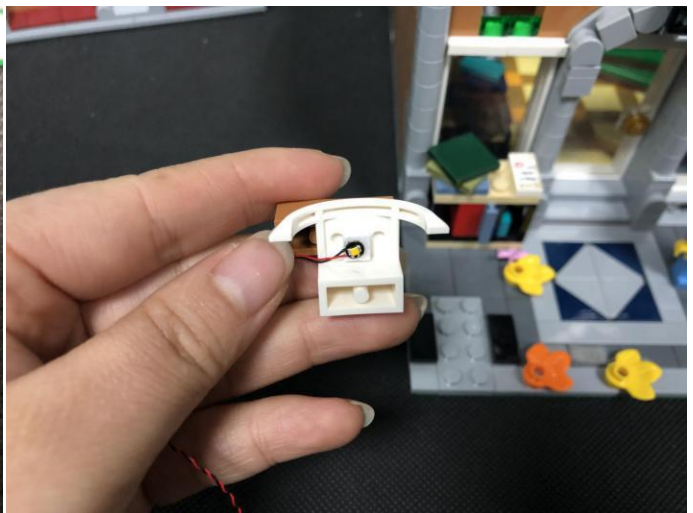
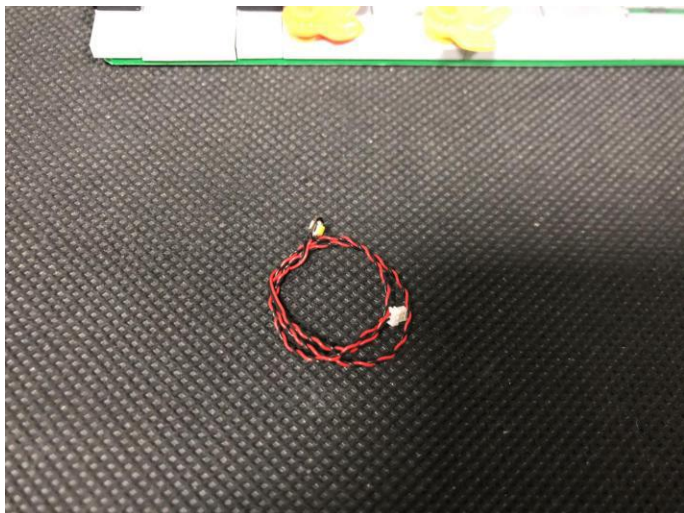
Pull the cable of the battery pack to the inside, and connect it to the expansion board.



Continue to install lights for the windows at both sides of the door, start from the window at the left, remove the following part.



Take a warm white 15cm dot light, stick it to the eave with adhesive squares.



Reconnect the part we removed before.



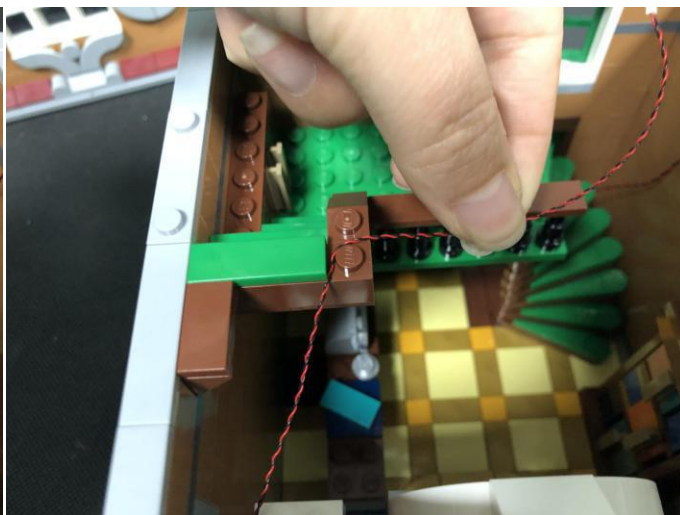
Take a warm white 15cm dot light, repeat the steps above to install light for the window at the right side.



Connect the cable from the light at the right window to the expansion board.



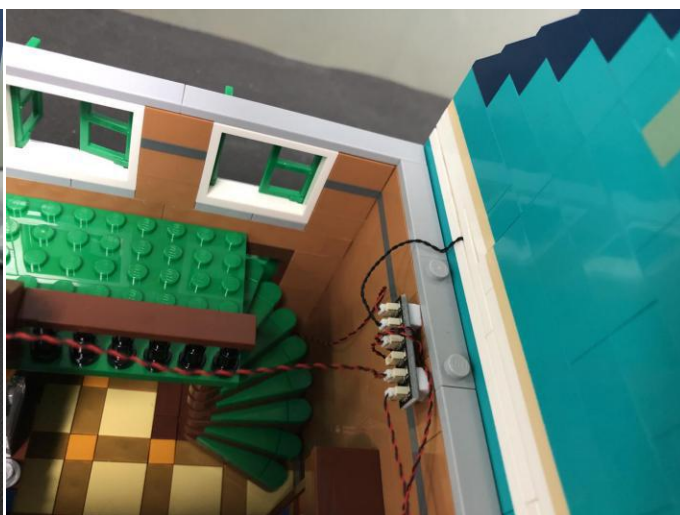
Remove the brown 1x2 plate from the guardrail, thread the cable from the left window light through the space.



Reconnect the brown 1x2 plate to secure the cable, connect the cable to the expansion board.



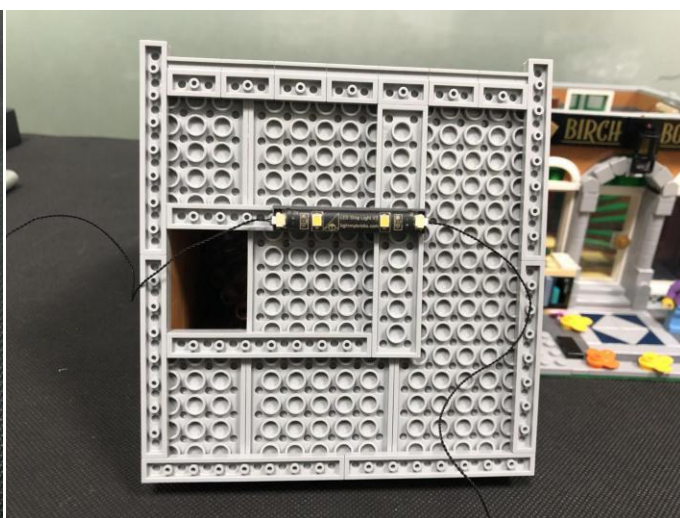
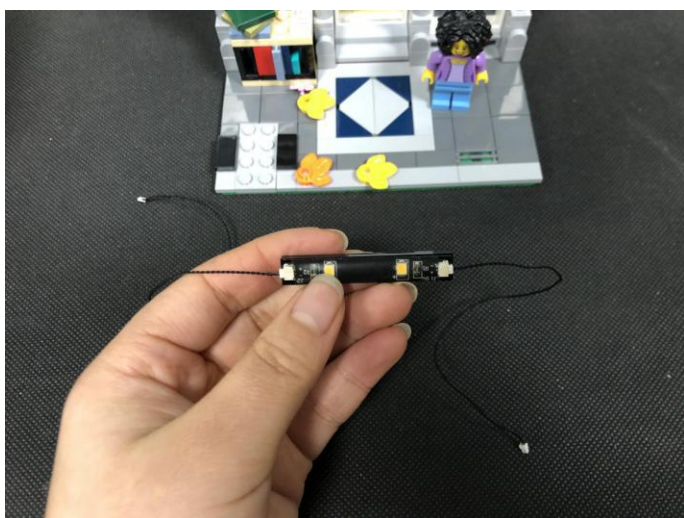
Connect the 2 houses together, connect the following cable from the blue house to the expansion board in the orange house.



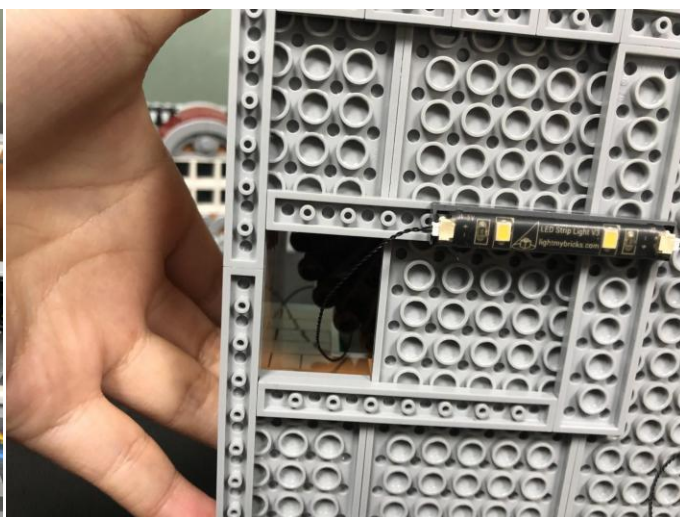
Take two 15cm connecting cable, a warm white strip light, a 1x6 black plate, stick the strip light to the plate.



Connect the 2 connecting cables to the strip light as per below, turn the second floor to its side, stick the strip light to the following place.

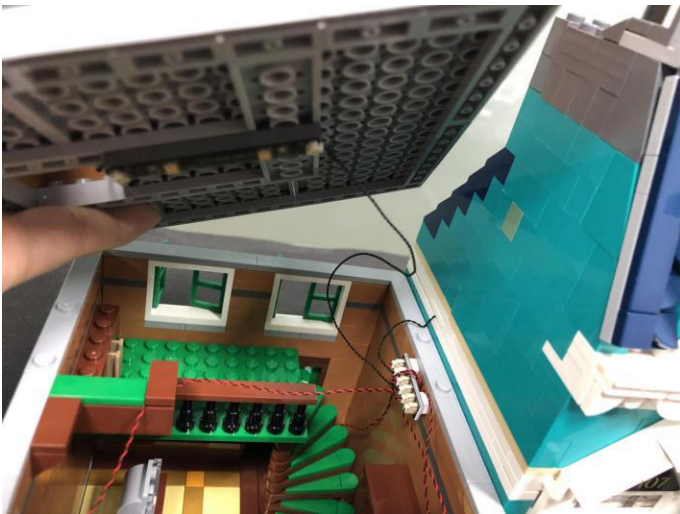


Remove the third floor, thread the cable from the left port of the strip light through the stairs to the inside.





Connect the connecting cable from the right port to the expansion board.



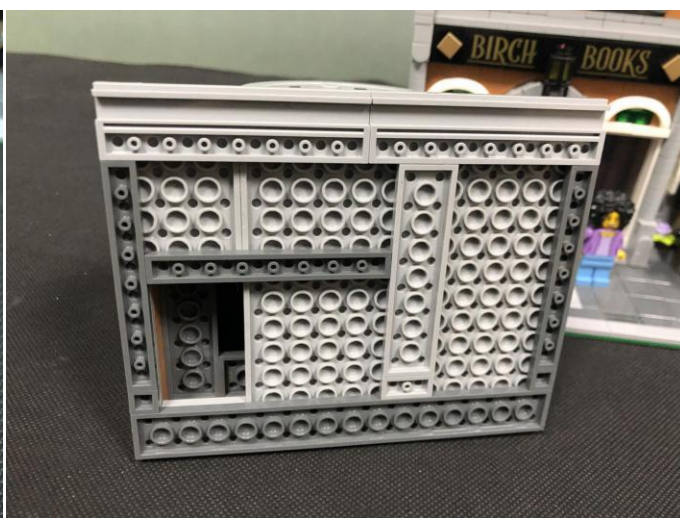
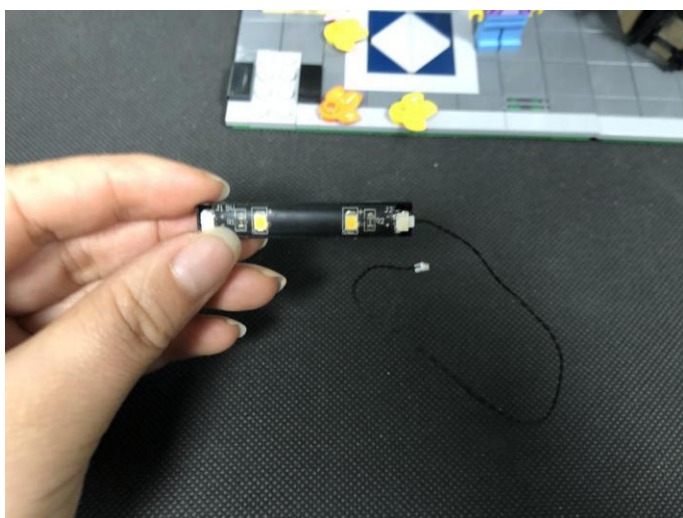
Reconnect the second floor.



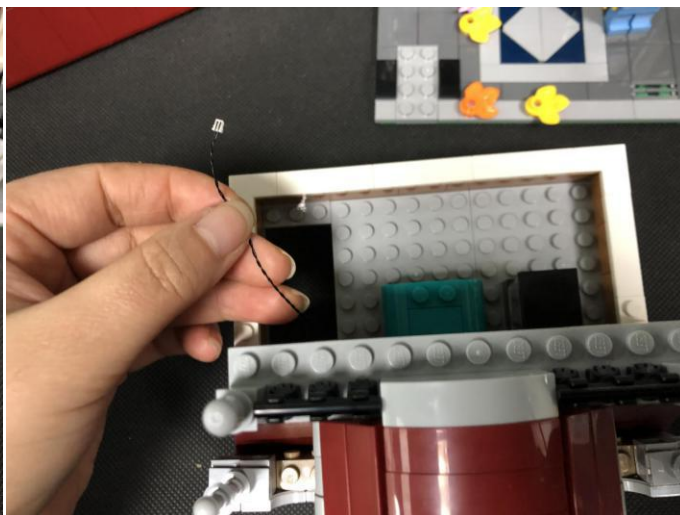
Take a 15cm connecting cable, a warm white strip light, a black 1x6 plate, stick the strip light to the plate.



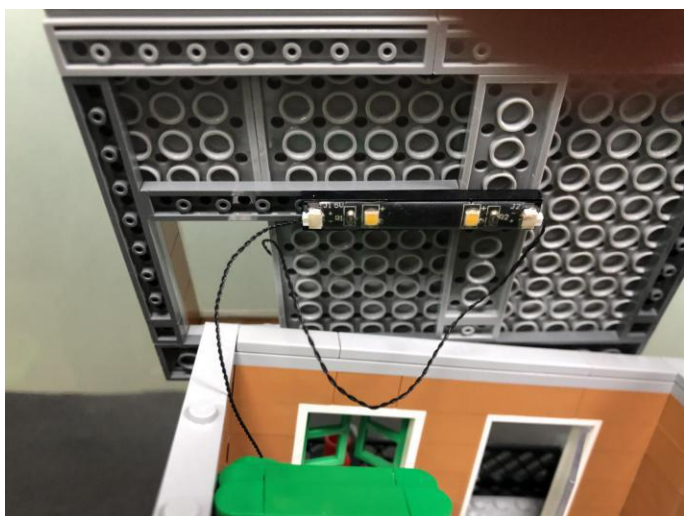
Connect the connecting cable to the strip light, turn the third floor to its side, connect the strip light to the following place.



Remove the back part of the third floor, thread the connecting cable through the stairs to the bedroom at the top floor.



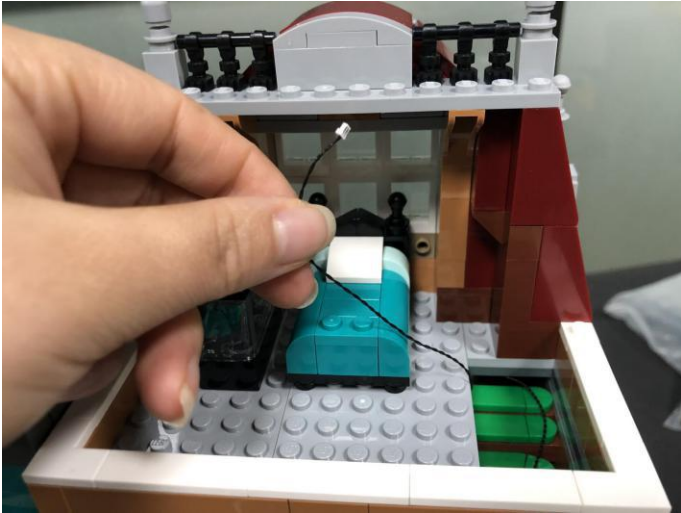
Connect the connecting cable from the first floor to the other port of the strip light.



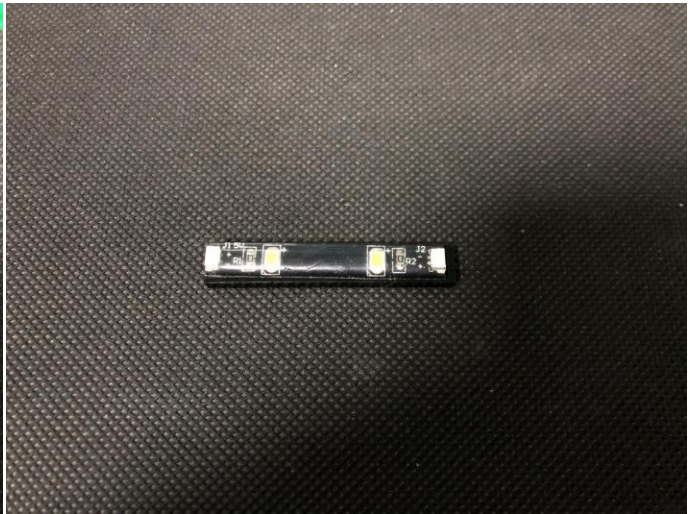
Reconnect the third floor.



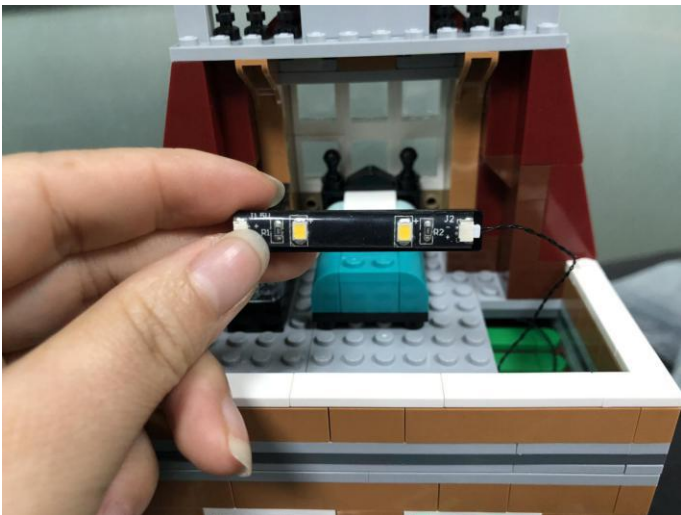
Turn the house to its back, pull the cable from the roof of the second floor out from the stairs.



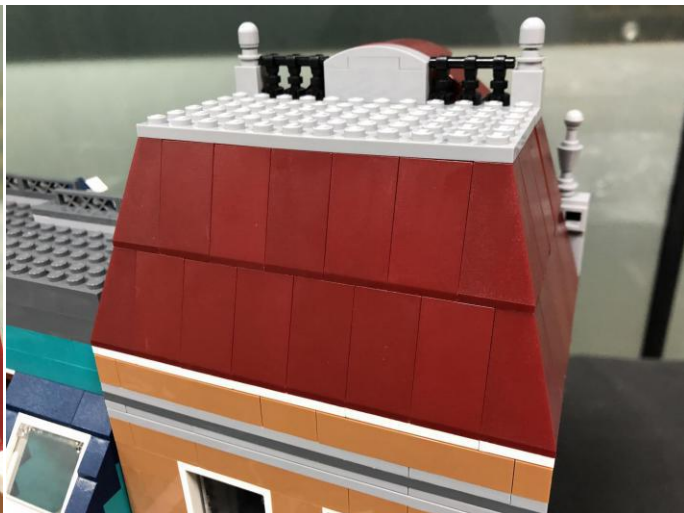
Take a warm white strip light, a black 1x6 plate, stick the strip light to the plate.



Connect the cable we pulled up before to the strip light.



Stick the strip light to the ceiling of the third floor, reconnect the part we removed before.



This completes installation of this LED Lighting Kit. ENJOY!

