

Chinese Year Eve Family Dinner 2019 #80101 LED Lighting Kit

Package contents:

- 7x 30cm Warm White Dot Lights
- 8x 15cm Warm White Dot Lights
- 1x 5cm Connecting Cables
- 1x 12-port Expansion Board
- 1x 6-port Expansion Board
- 1x AA Battery Pack

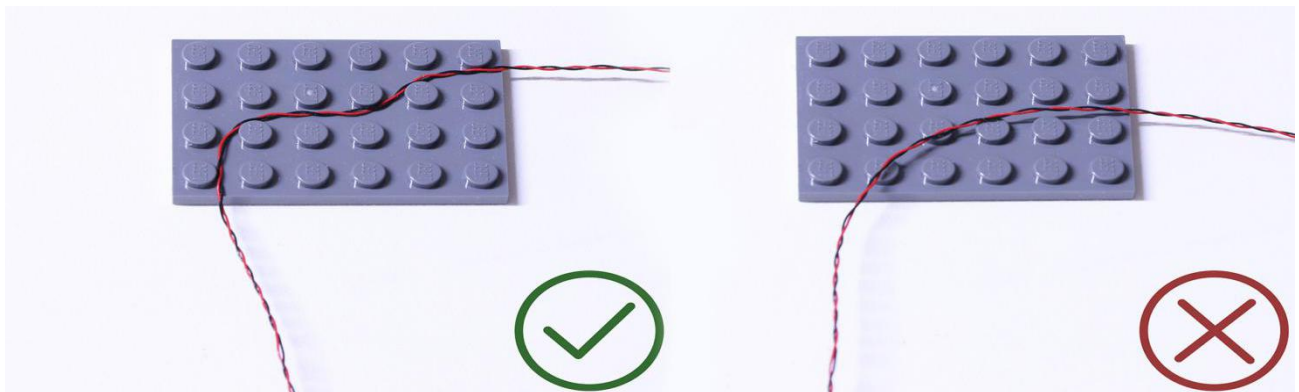
Extra LEGO Pieces

- 4x trans red 1x1 round plates
- 2x trans red 1x1 round bricks
- 1x trans 1x1 round plate

Note:

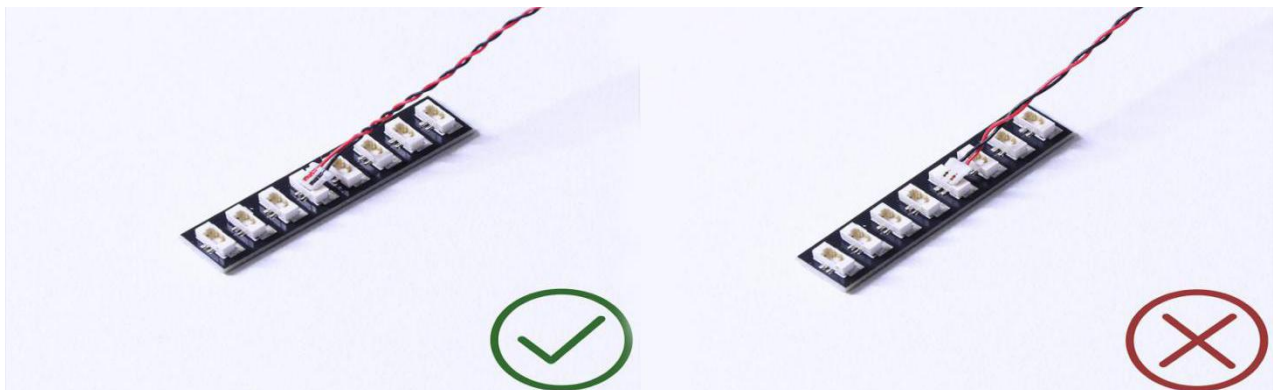
Place wires on the surface or under the LEGO building blocks.

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

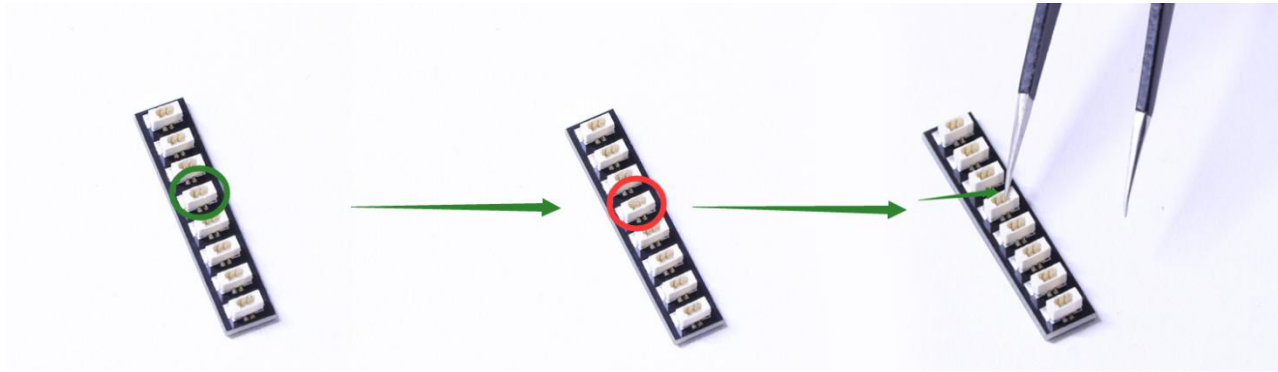


Insert the connectors to the ports.

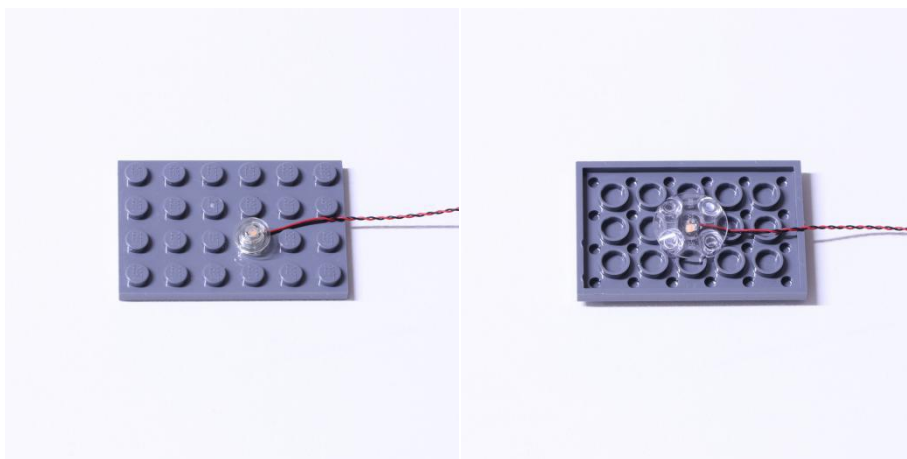
Be careful when you are operating, there's only one correct way to insert, make sure the expansion board is upward, find the soldered "=" sign on the left of the port. When you are inserting, the side which the wires can be seen should be faced to the "=" sign and if you feel hard to insert, please stop,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



At this point, use the tweezers to straighten the bent pins.

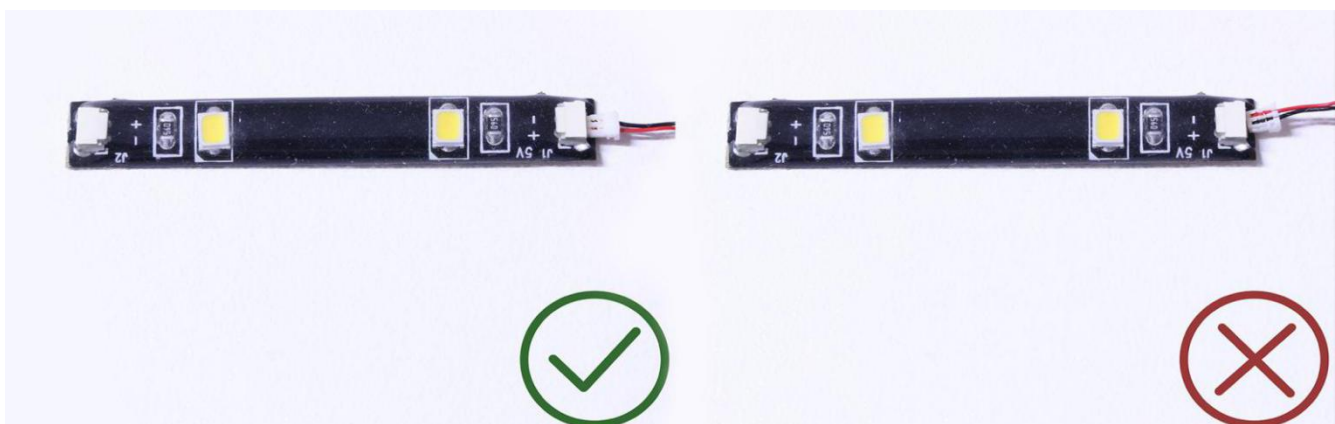


When installing dot lights, make sure they are correctly placed (Yellow LED package is exposed). You can put them either on the top of the studs or between studs.



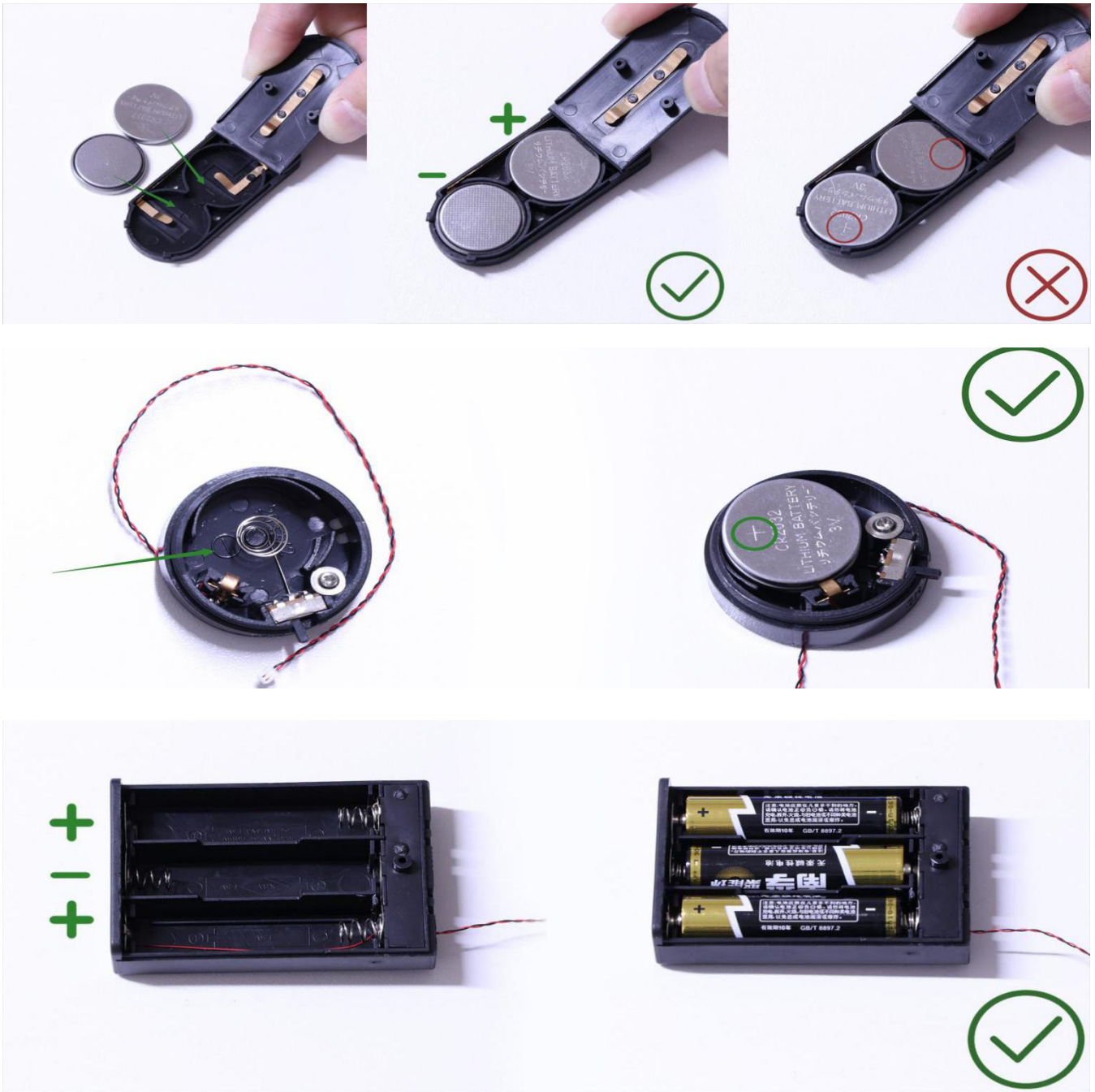
Connecting cable connectors to Strip Lights

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.

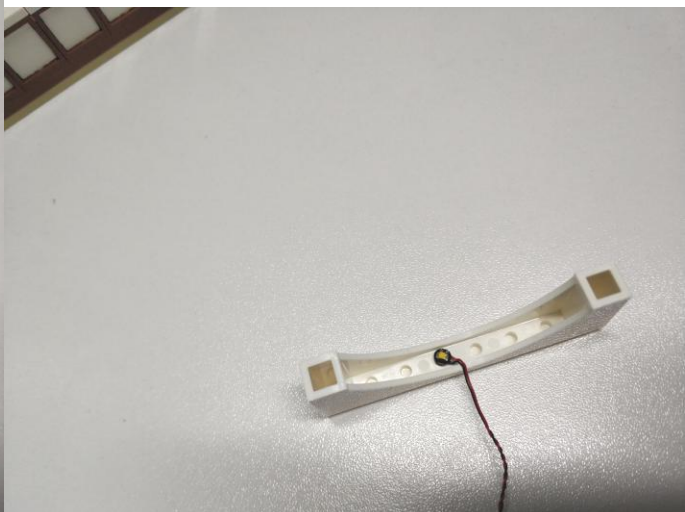


OK, Let's Begin!

Instructions for installing this kit
First, remove the following pieces



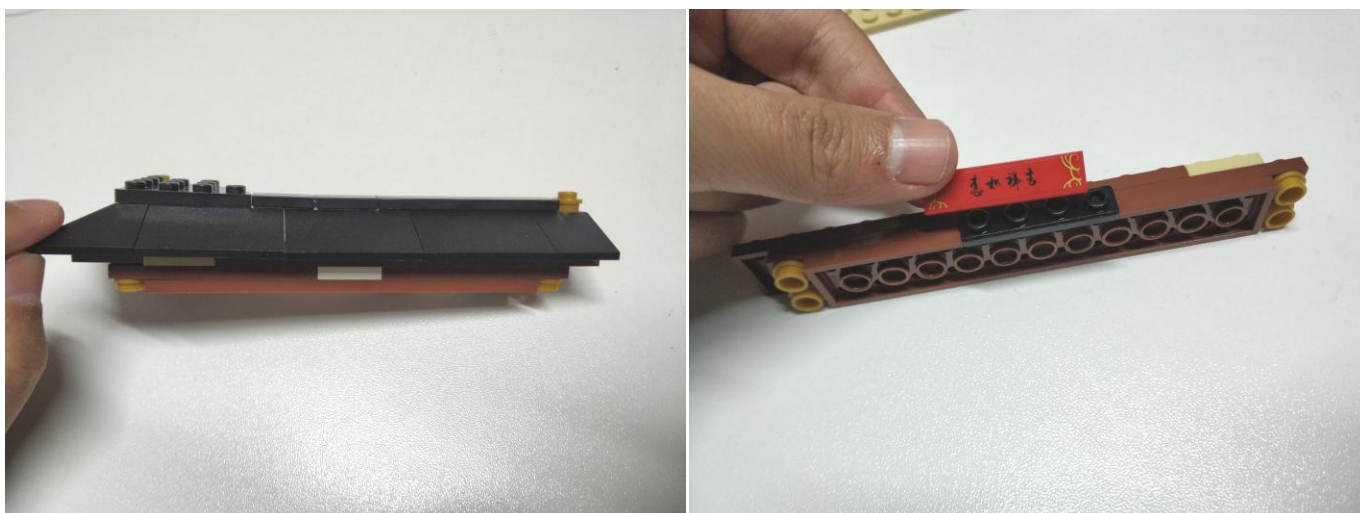
Take a 30cm warm white Dot Light, place the light at the center of the following piece,



reconnect the piece back to the house, pull the cable out from the gap between 2 pieces



Remove the piece with character “吉祥如意”, also the black trapezoid piece



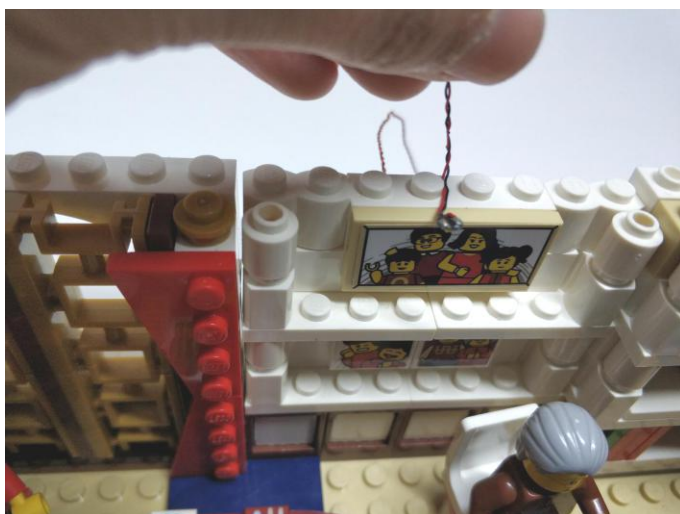
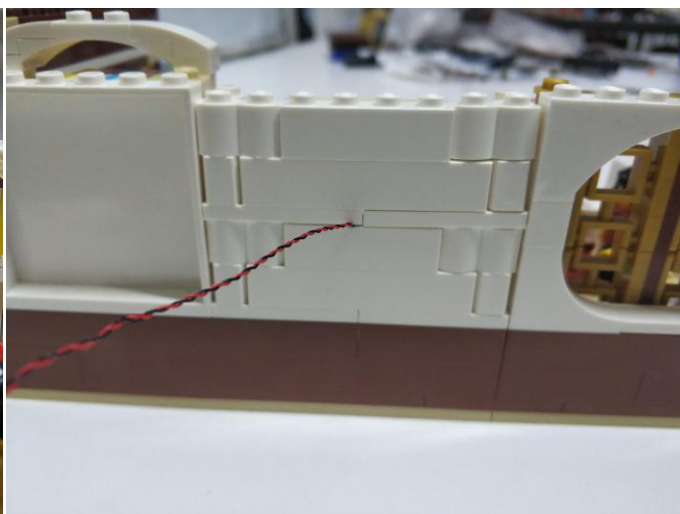
reconnect the brown piece, pull the cable upward, reconnect the piece with characters to secure the cable



Remove the following roof pieces, the brown pieces and the white pieces from the wall

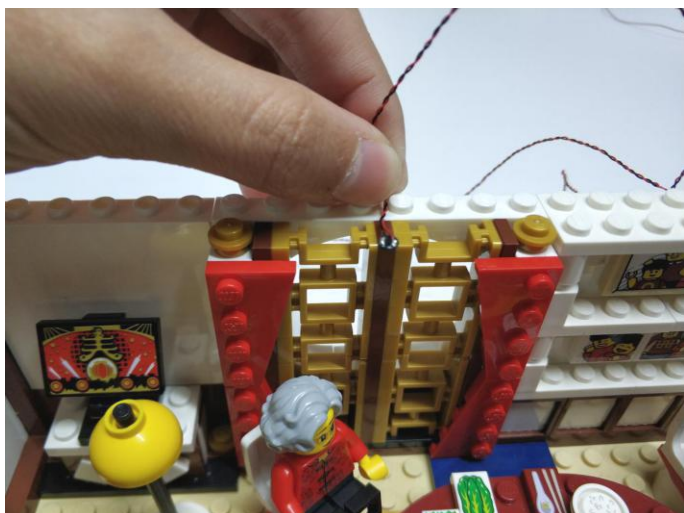


Take 2 warm white 15cm Dot Lights, with lighting part facing down, secure them in between two wall bricks, pull the cables to the back of the wall

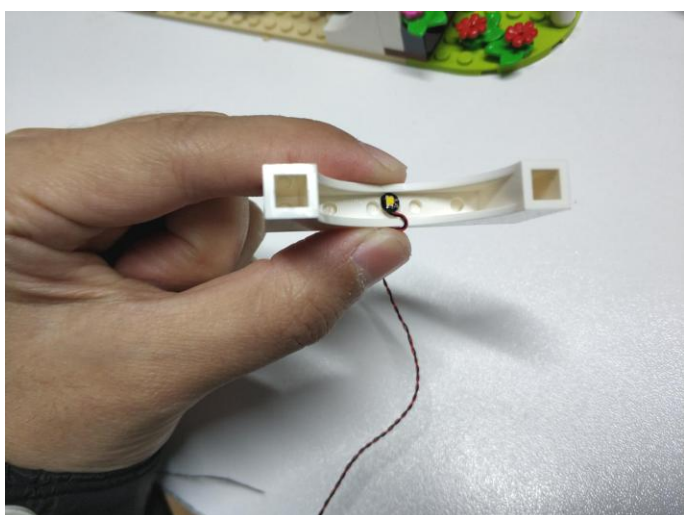
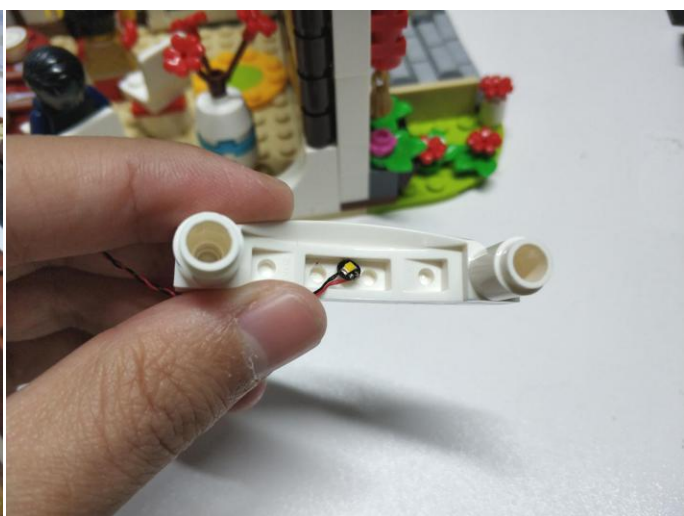


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ke a warm white 15cm Dot Light, place it at the middle of the door, reconnect the pieces over the door, pull the cable to the back of the pieces



remove the following pieces over the shelf, place a warm white 15cm Dot Light at the center. pull the cable out from the following gap before reconnecting the pieces back

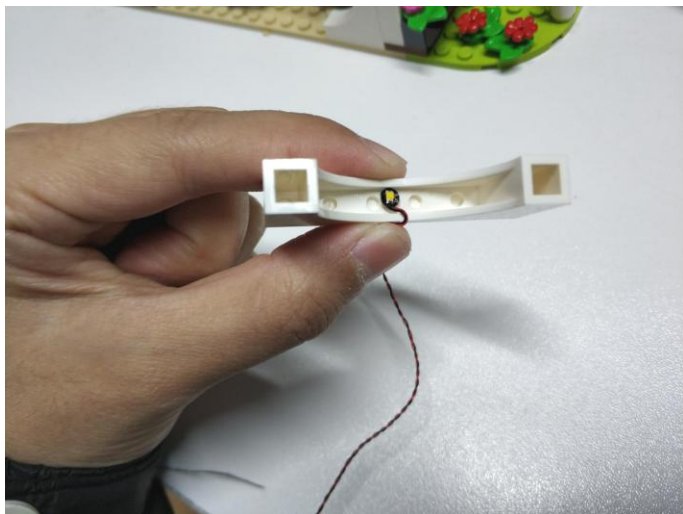


Connect the connectors to the battery pack to verify the current

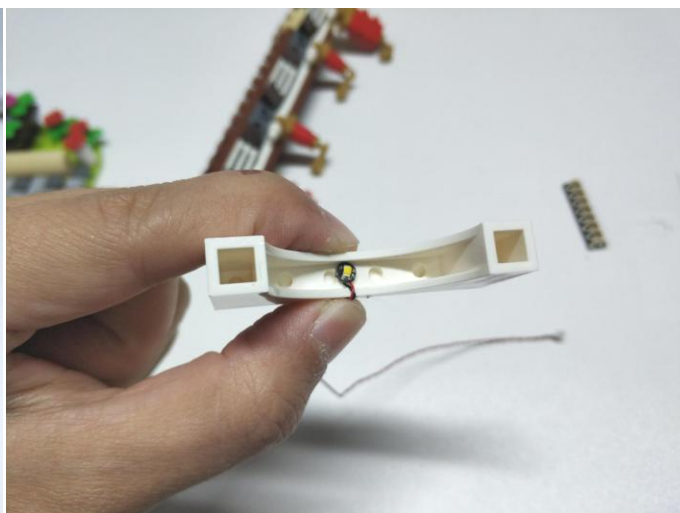


Remove the lanterns and the upper half of the window. Take a warm white 30cm Dot Light, place it at the center of the removed piece, pull the cable out from the gap between the window and the yellow piece before reconnecting the window piece back





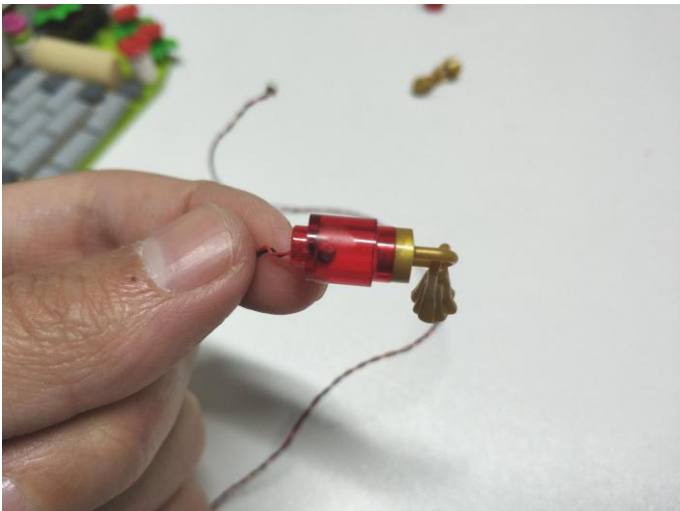
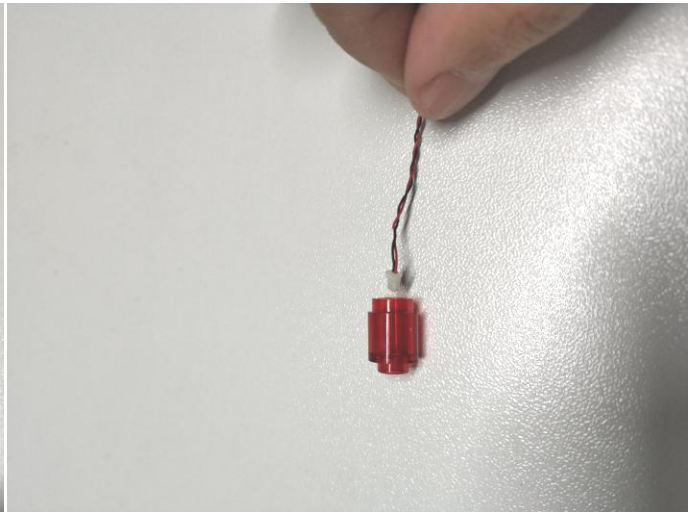
Remove the upper half of the widow at the other side, take a 30cm warm white Dot Light, repeat the previous steps to install it in place



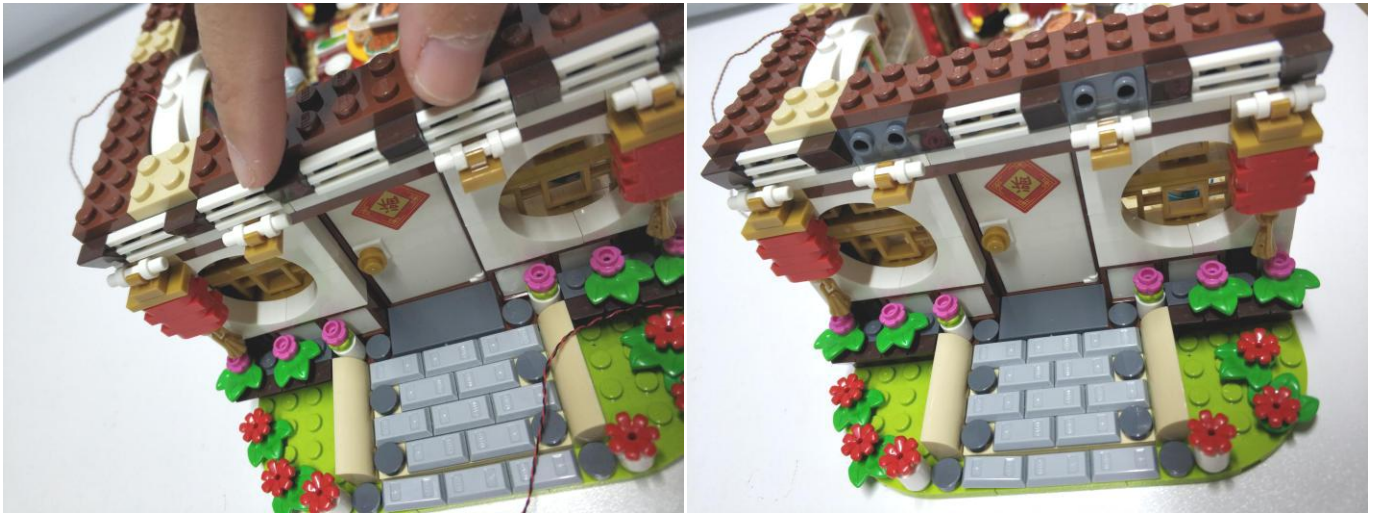
Remove the lanterns beside the door, disassemble them as per below



Take 2 trans red 1x1 round bricks, 2 warm white 30cm Dot Lights, assemble them as per below



Take the white pieces from the kit



Reconnect the lanterns, pull the cable up before reconnecting the white pieces. Ensure you place the cable underneath in between studs



Connect the cables to the expansion board, turn the battery pack on to test if the lights are working OK



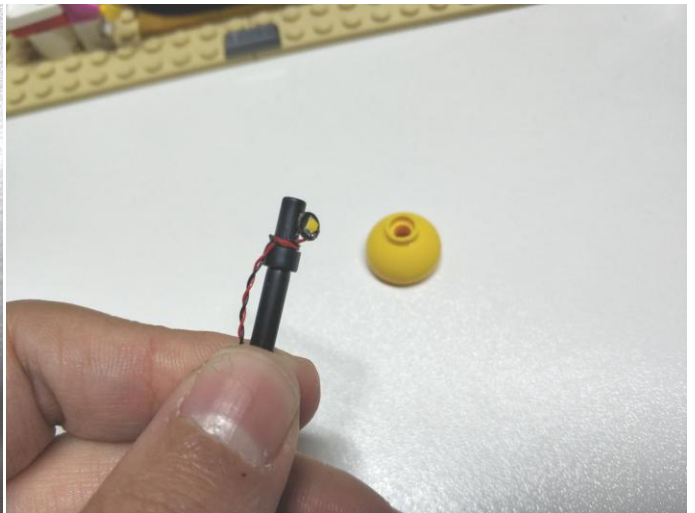
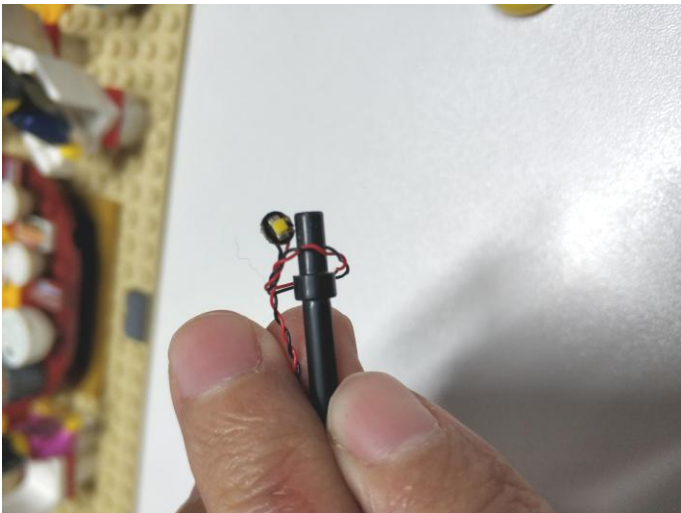
Remove the following TV, lamp, granny and the seat, also the red pieces under the door



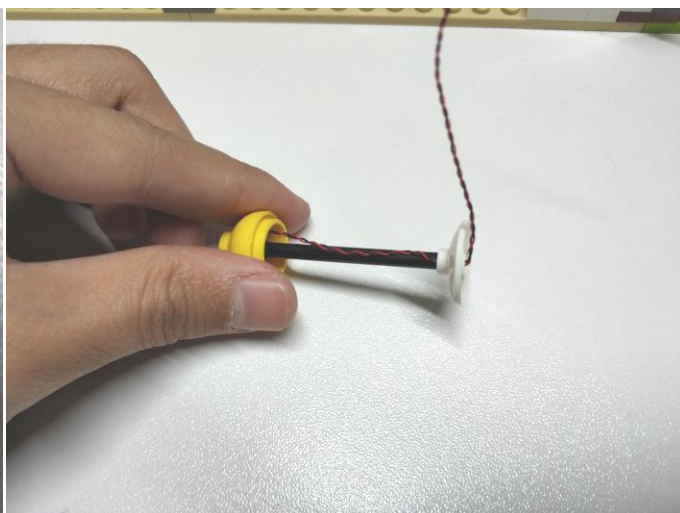
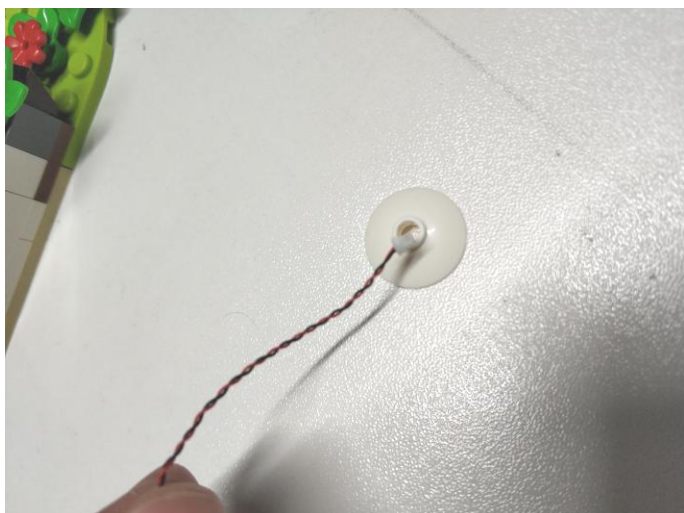
Disassemble the lamp, take a warm white 15cm Dot Light



tie the light at the top of the lamp post, wind the cable around the post

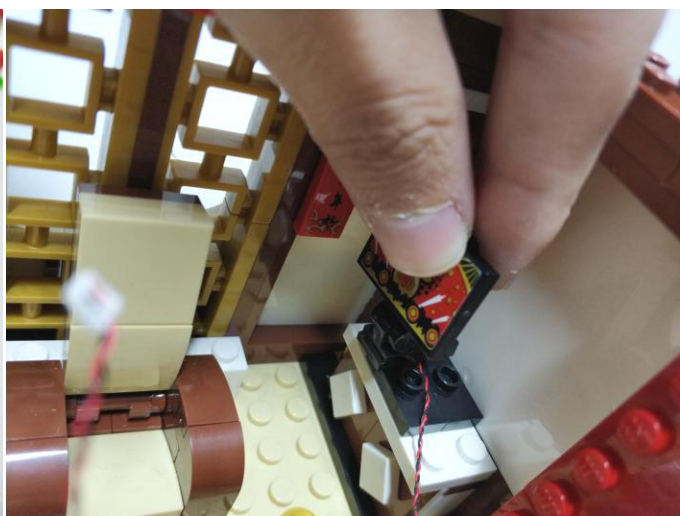


thread the connector through the round plate at the bottom of the lamp, reconnect the lamp



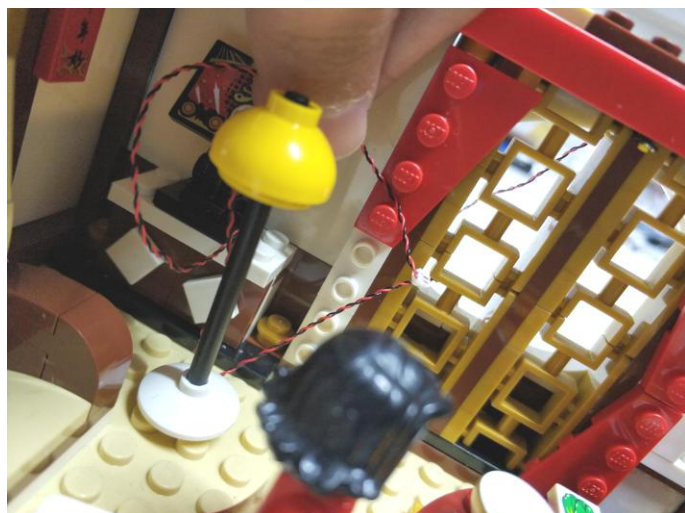
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Take a 15cm warm white Dot Light, place it at the back of the TV, secure it in place by connecting a 1x1 trans round piece over the cable, pull the cable down and on the black plate, reconnect the TV



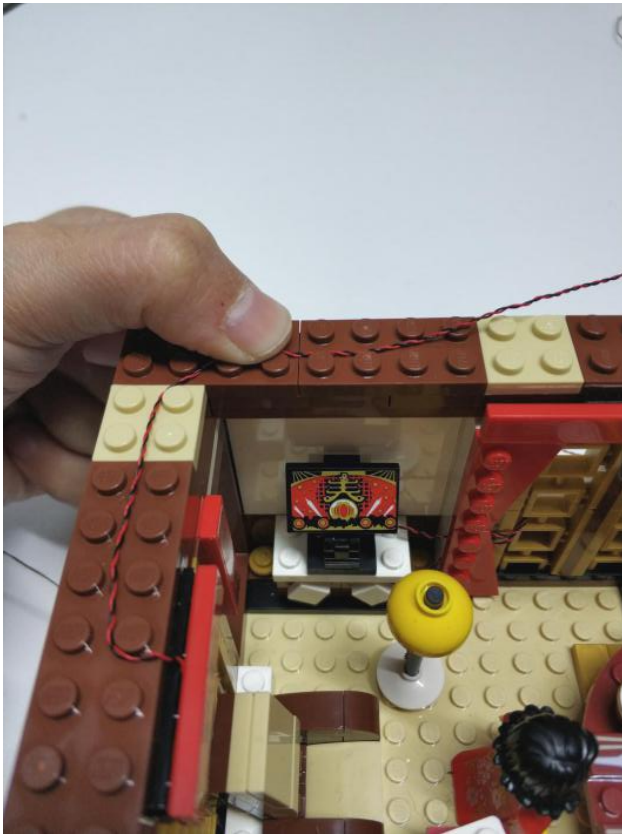
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Thread 2 connectors through the door as per below. Pull the cables to the back of the following piece, reconnect the red piece





Pull the cables from the windows and the lanterns to the brown plates in between studs. reconnect the roof





Connect the connectors of the lights to the battery pack to check if all lights are working OK



Now, continue to install lights for the last section
Remove the 1x1 yellow round plate and the black plates from the roof



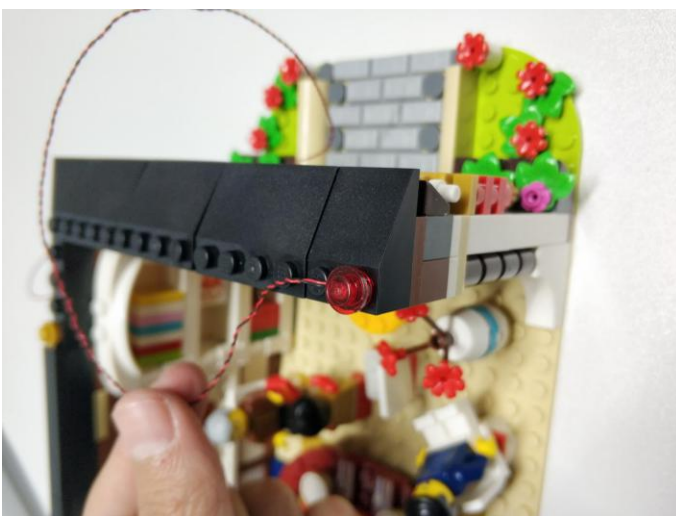
Take 2 warm white 30cm Dot Lights, 2 trans red 1x1 round pieces. Replace the yellow round pieces with the red round pieces.

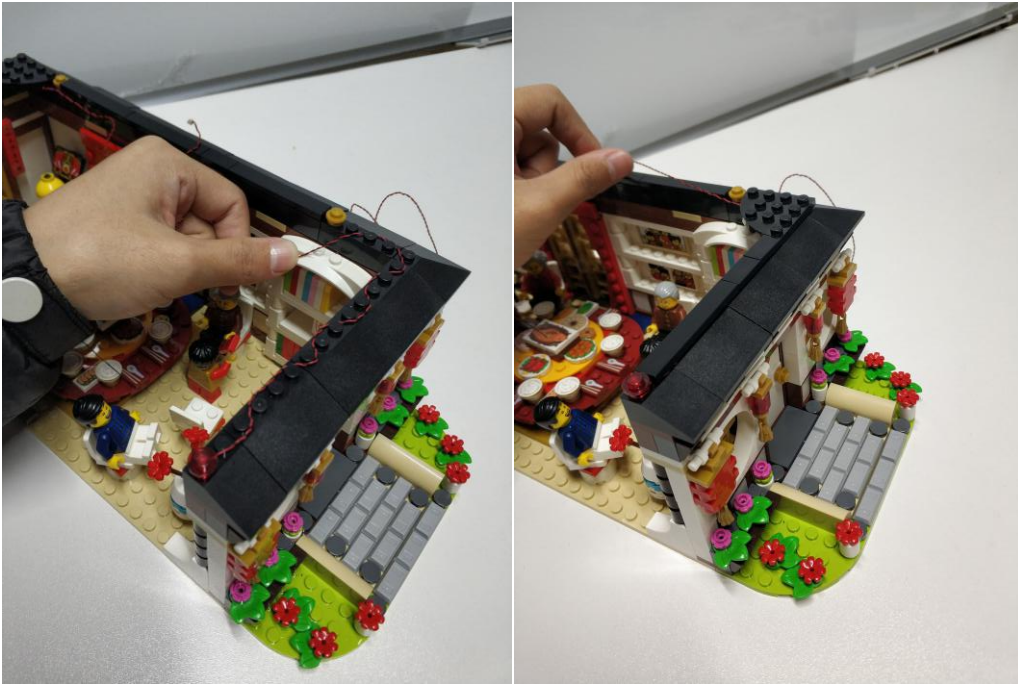
With lighting side facing up, secure the light by connecting a red piece over. Place the cable in between studs before reconnecting the black plates



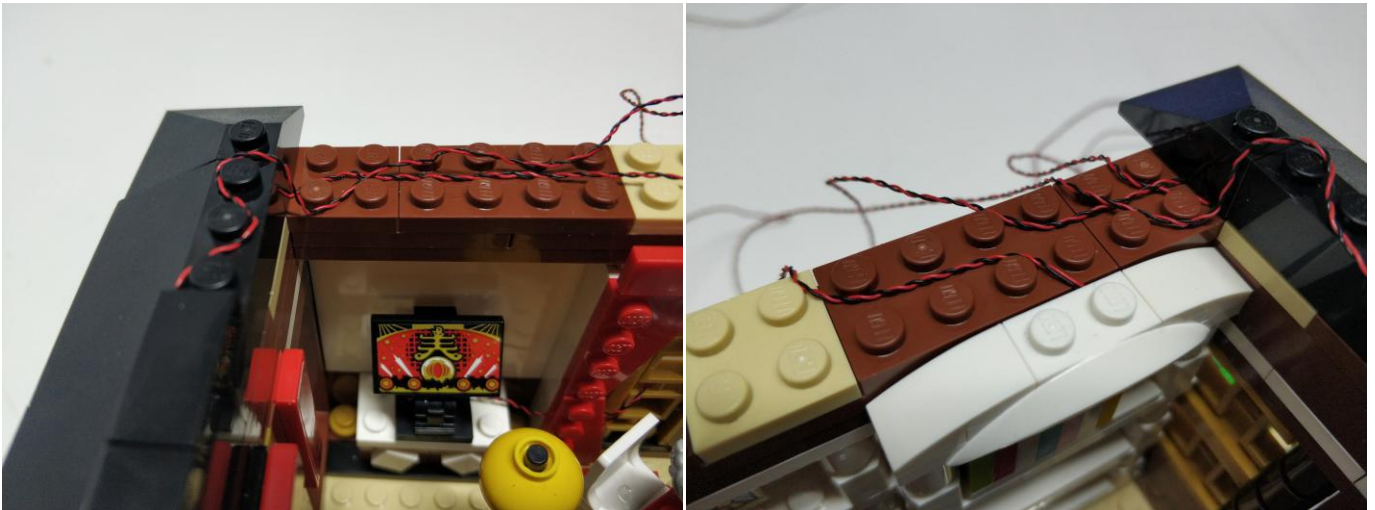


Repeat the previous steps to install light to the other side of the roof

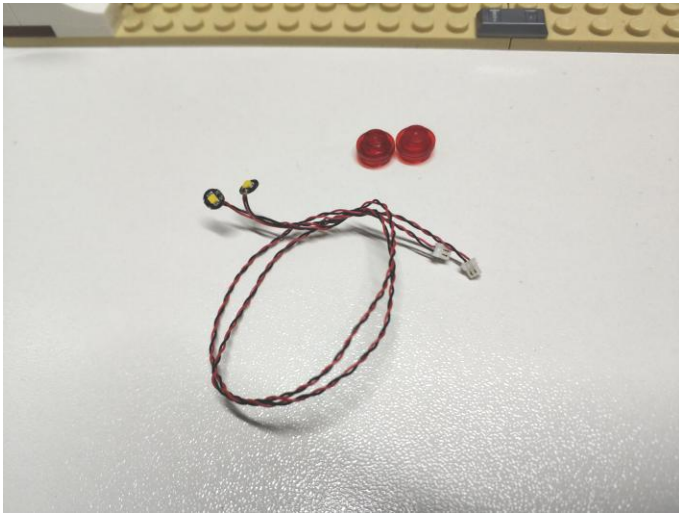




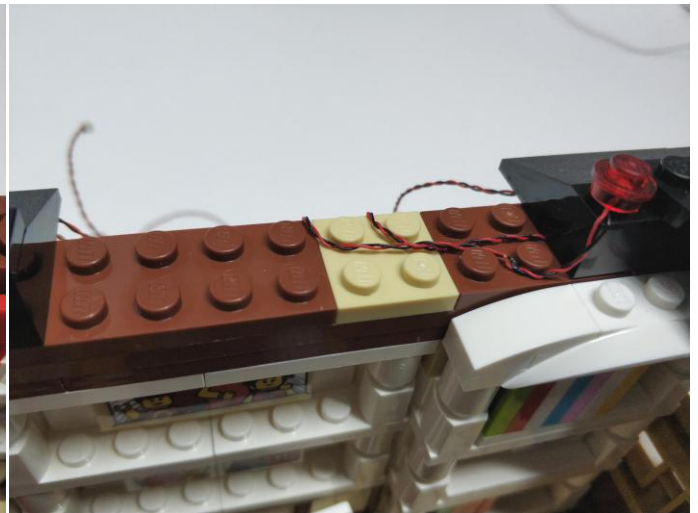
Remove the following pieces from the roof to allow us hide the cables underneath in between studs. Then, reconnect the pieces



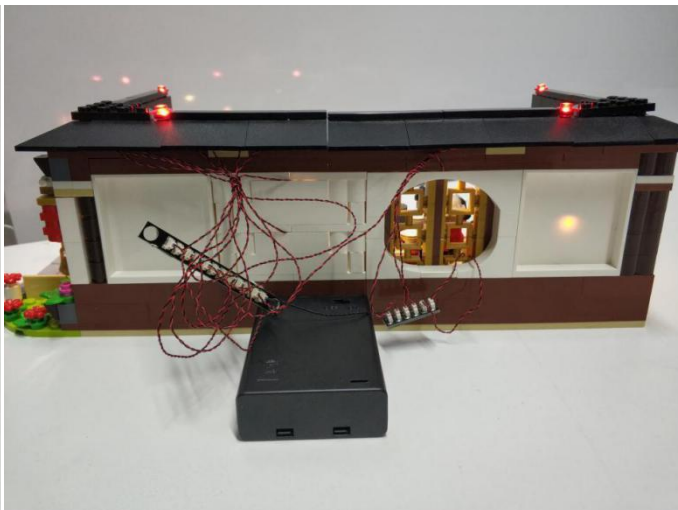
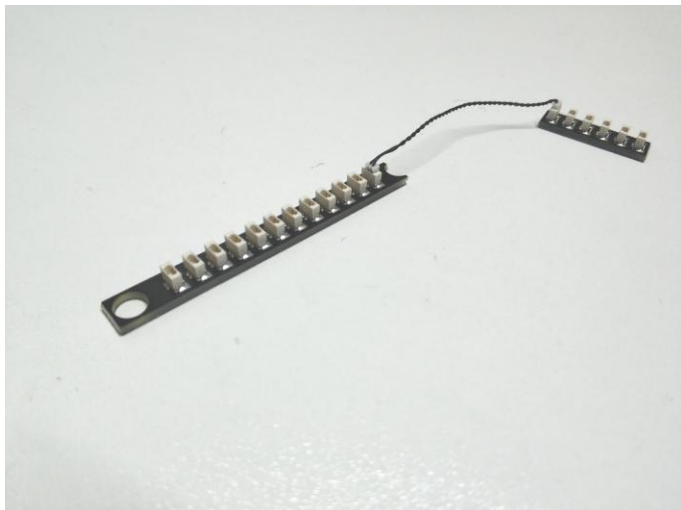
Similarly, take 2 warm white 15cm Dot Lights, 2 trans red 1x1 round pieces to replace those yellow pieces from the kit



With lighting side facing up, install the Dot Lights to the following places at the roof, secure them in place by connecting the red pieces over. Hide the cables underneath in between studs before reconnecting the roof



Take a 5cm connecting cable, a 12-port expansion board, a 6-port expansion board, assemble them as per below. Pull all cables to the back of the house, connect them to the expansion boards



This completes installation of this LED Lighting Kit. Turn the battery pack on and ENJOY!

