

Ideas Central Perk 21319 Basic Version Lighting Kit

Package contents:

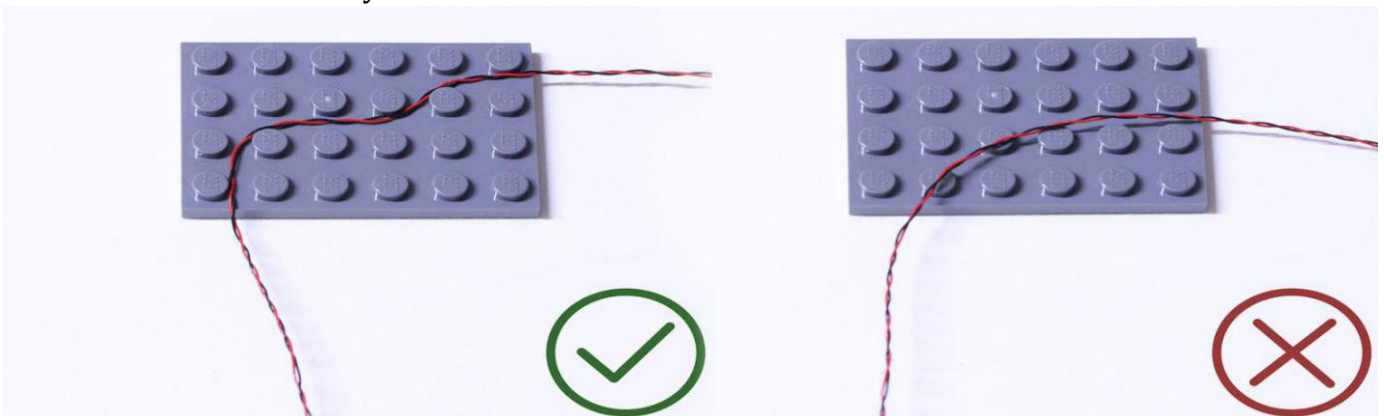
- 4 x 15cm Warm White Dot Lights
- 1 x 30cm Warm White Light
- 1 x 15cm Warm White Light
- 2 x Warm White Strip Lights
- 3 x 5cm Connecting Cables
- 1 x 30cm Connecting Cable
- 2 x 6-port Expansion Boards
- 1 x Flicker Effects Board
- 1 x USB Cable

Extra LEGO pieces

Note:

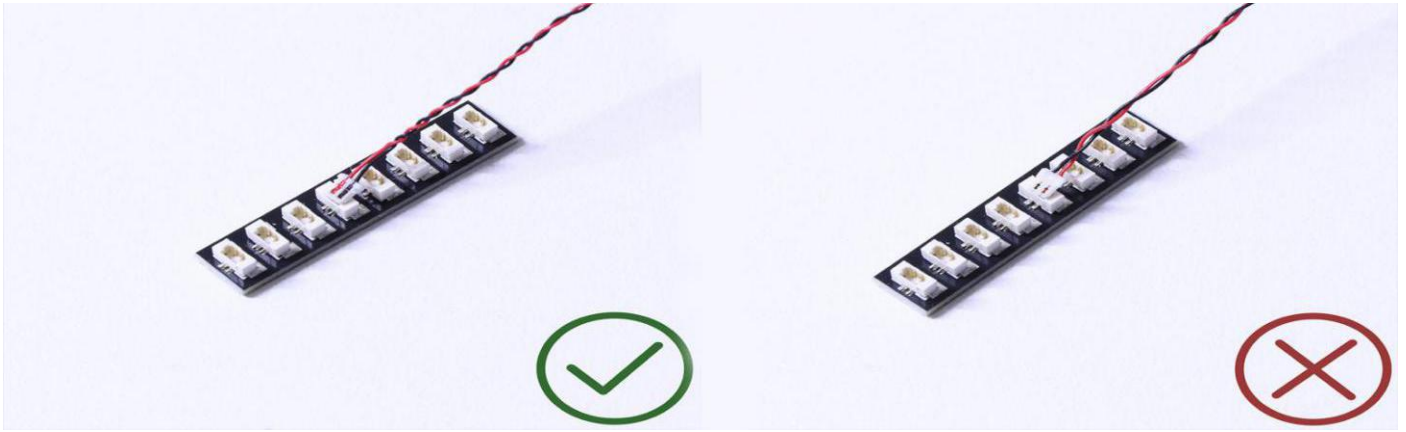
Place wires on the surface or under the LEGO building blocks.

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

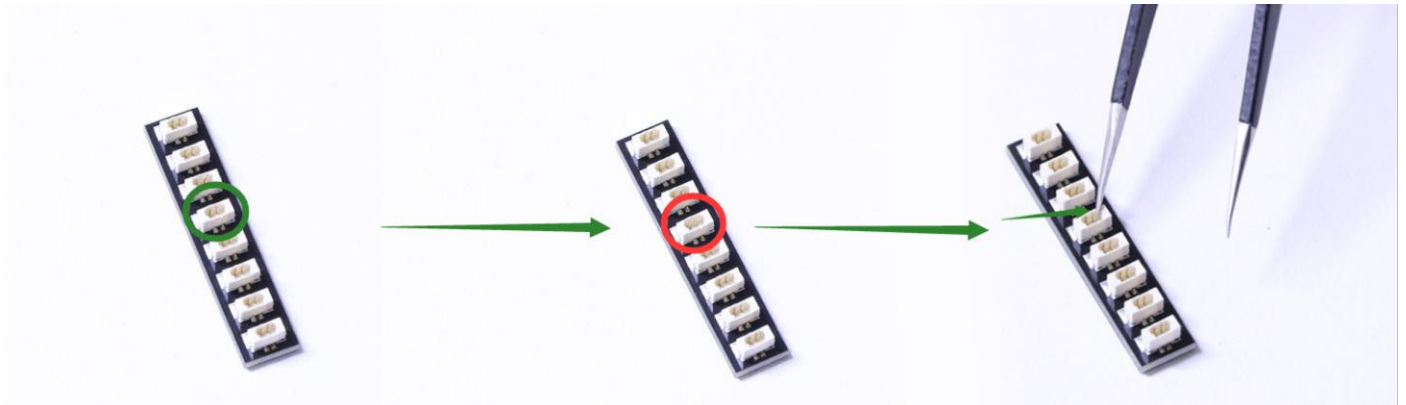


Insert the connectors to the ports.

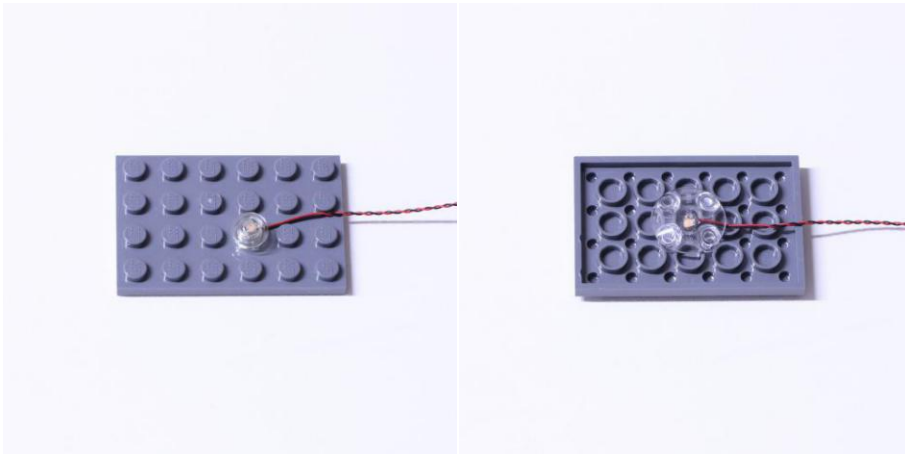
Be careful when you are operating, there's only one correct way to insert, make sure the expansion board is upward, find the soldered "=" sign on the left of the port. When you are inserting, the side which the wires can be seen should be faced to the "=" sign and if you feel hard to insert, please stop,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

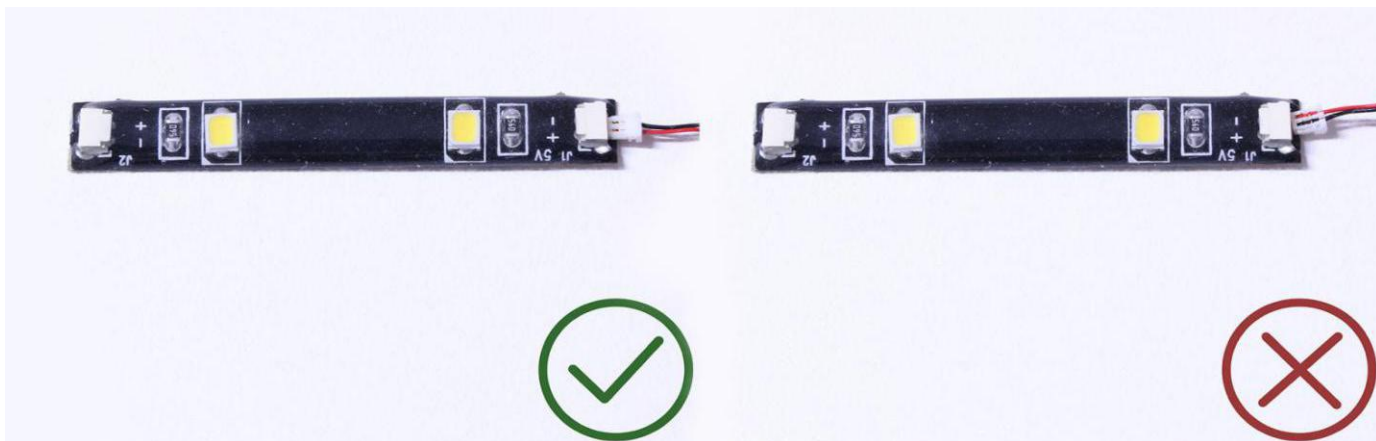


When installing dot lights, make sure they are correctly placed (Yellow LED package is exposed). You can put them either on the top of the studs or between studs.

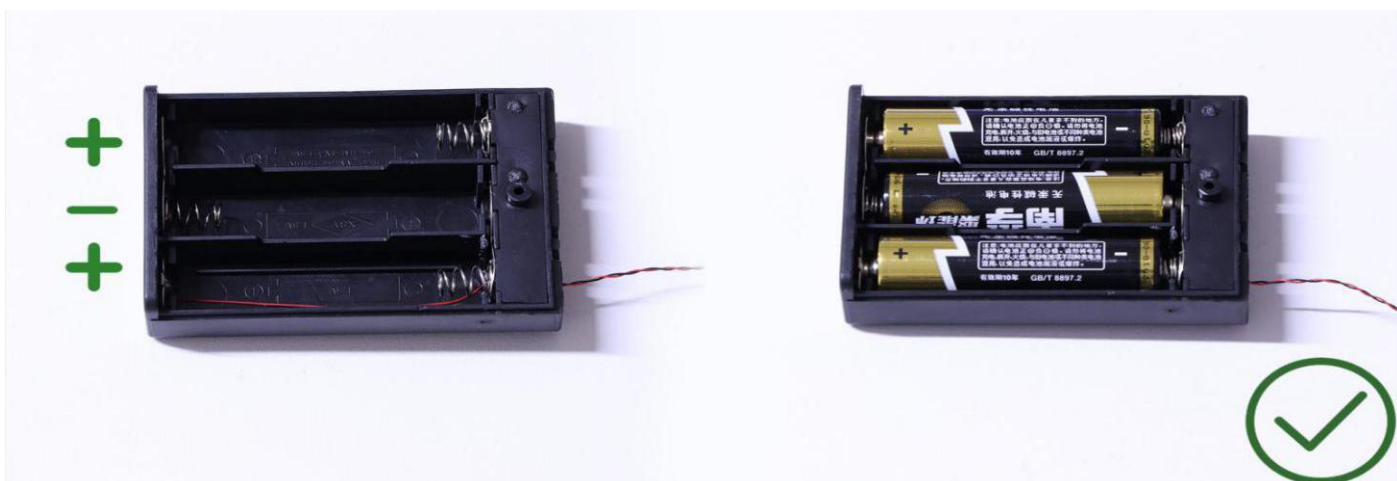


Connecting cable connectors to Strip Lights

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.



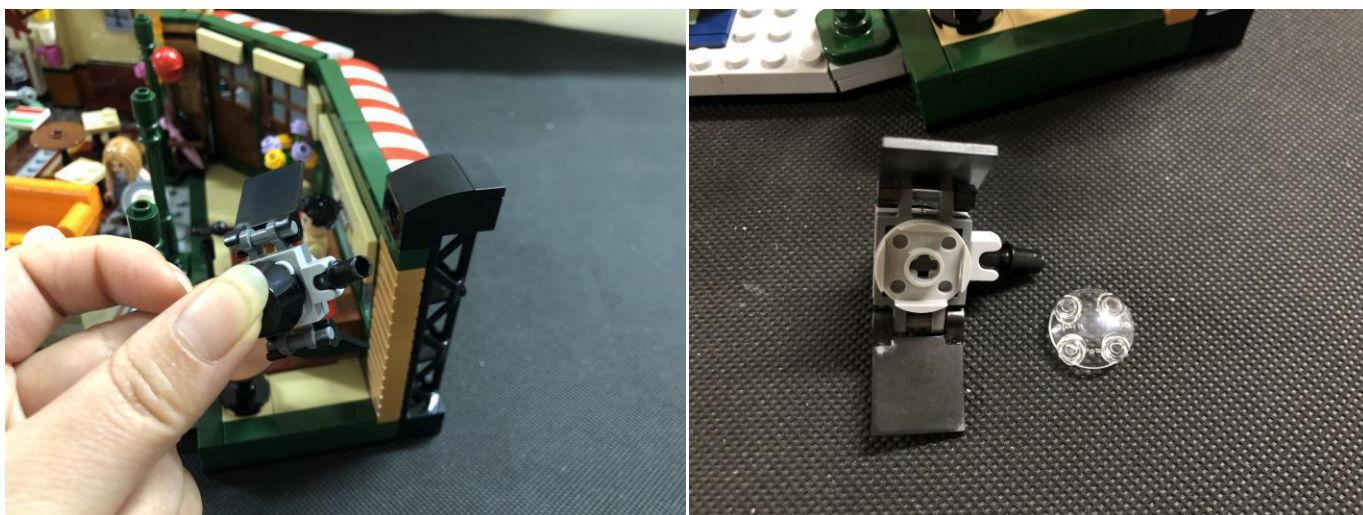
Instructions for installing this kit:

OK, Let' s Begin!

Start from installing the spotlights for the stage at right.



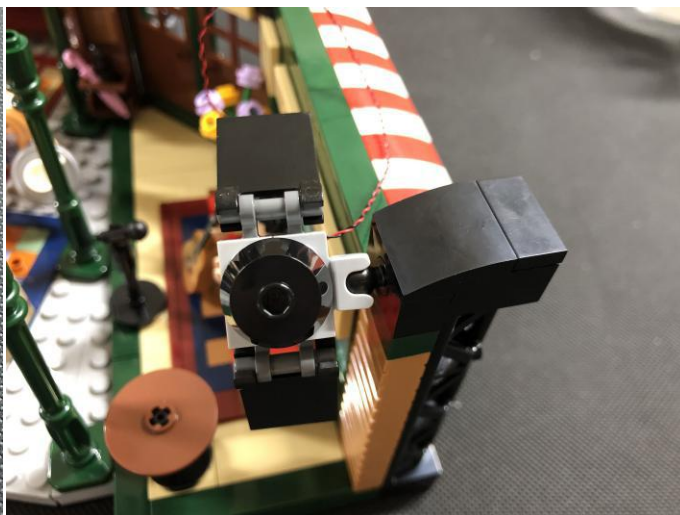
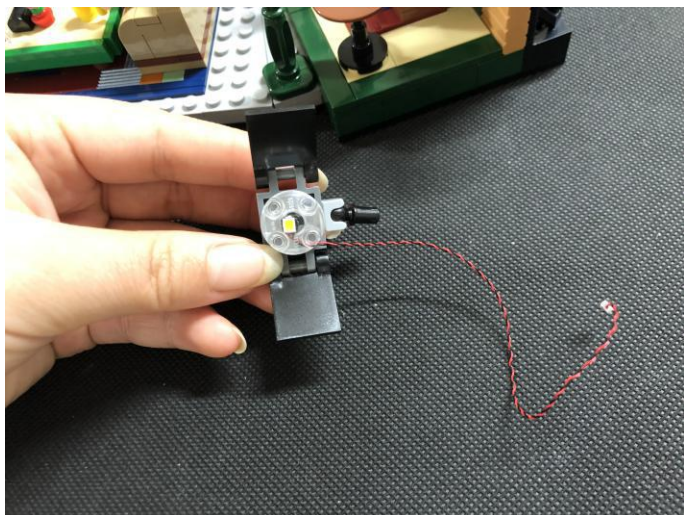
Remove the spotlight, disconnect the 2x2 trans round piece



Take a 15cm light, with lighting part facing up, connect it to the following piece as per below



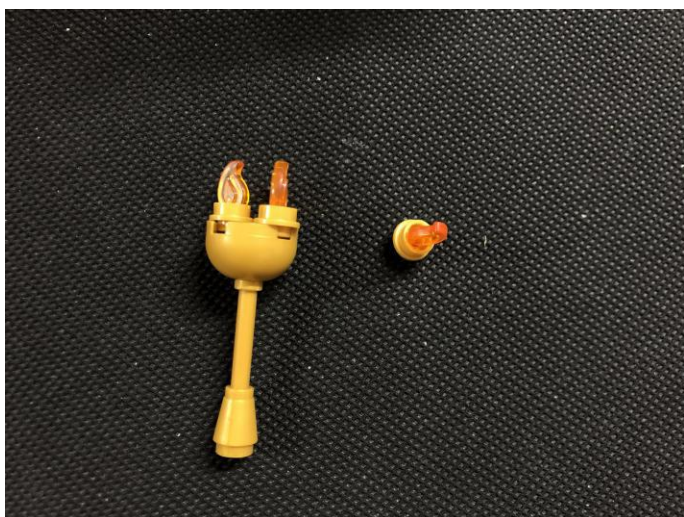
Reconnect the trans piece to secure the light, reconnect the spotlight:



Continue to install light for the lamp beside the sofa



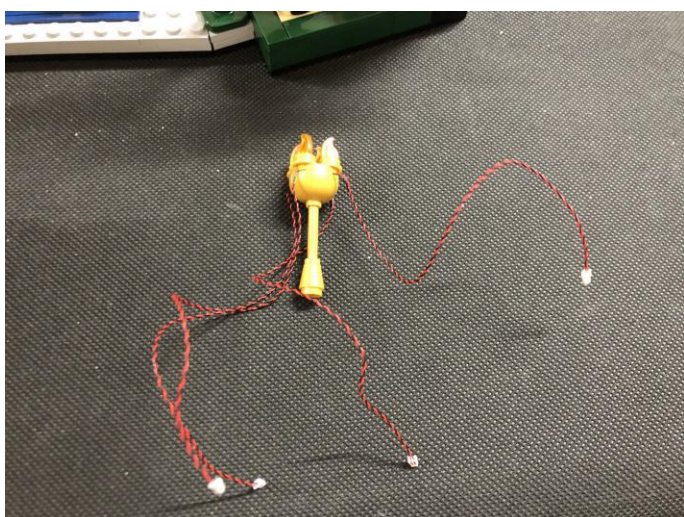
Remove one of the flames



Take a warm white 15cm dot light, with lighting part facing up, connect it to the following place reconnect the flame to secure the light



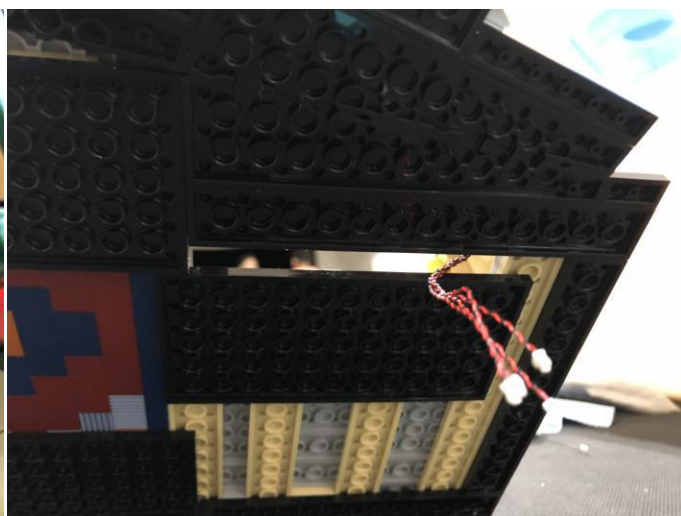
Take another 3 warm white 15cm dot lights, repeat the steps above to install lights for the last 3 flames
Group the 4 cables together, as per below



Reconnect the lamp. Remove the following section



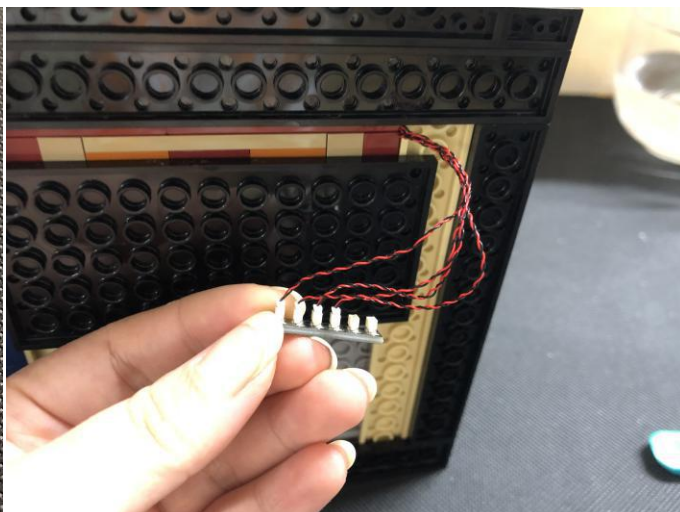
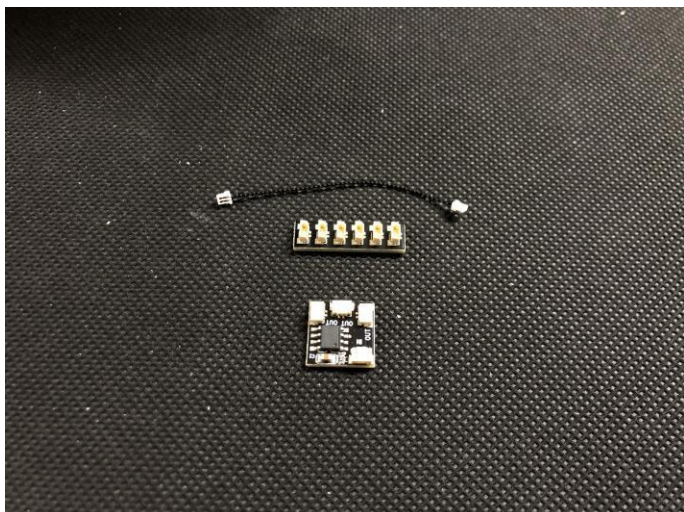
Thread the cable through the space to the bottom



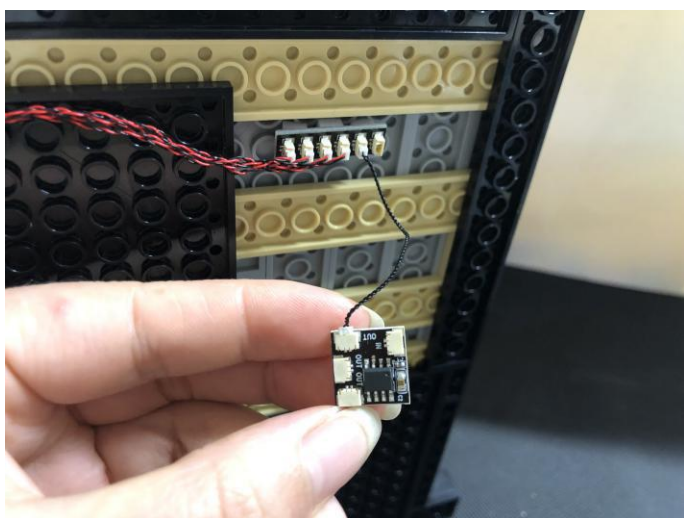
Reconnect the section we removed before



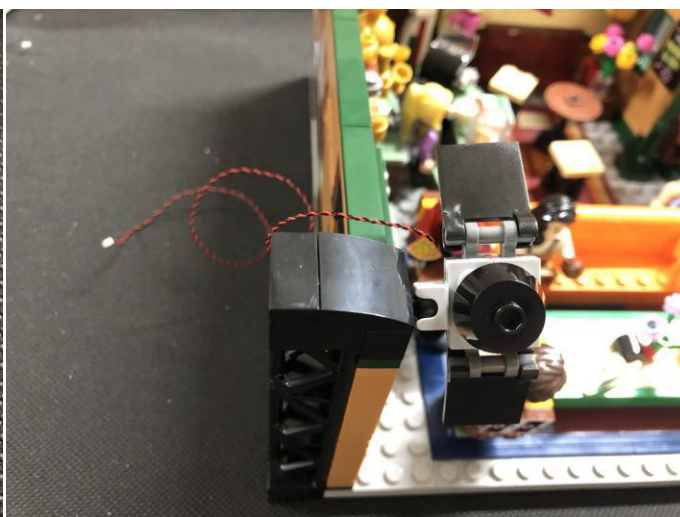
Take a 6-port expansion board (expansion board#1), a 5cm connecting cable, and a Flicker Effects Board. Connect the 4 cables from the lamp to the 6-port expansion board (expansion board #1)



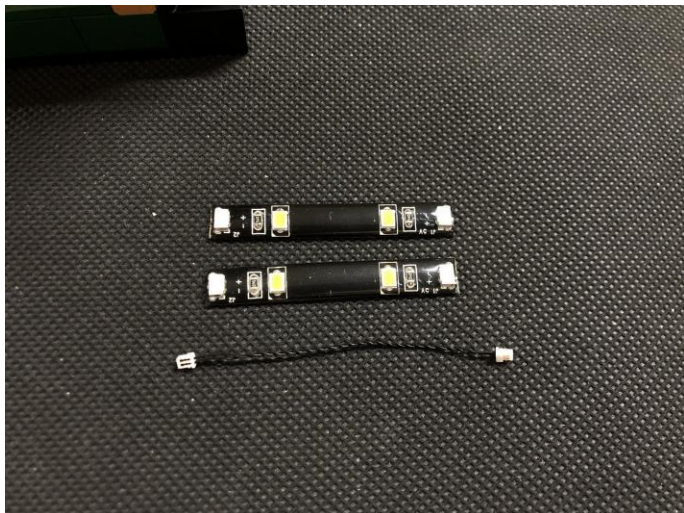
Connect the expansion board and the Flicker Effects Board together with the 5cm connecting cable. (note: do not connect the cable to the power port on the Flicker Effects Board)



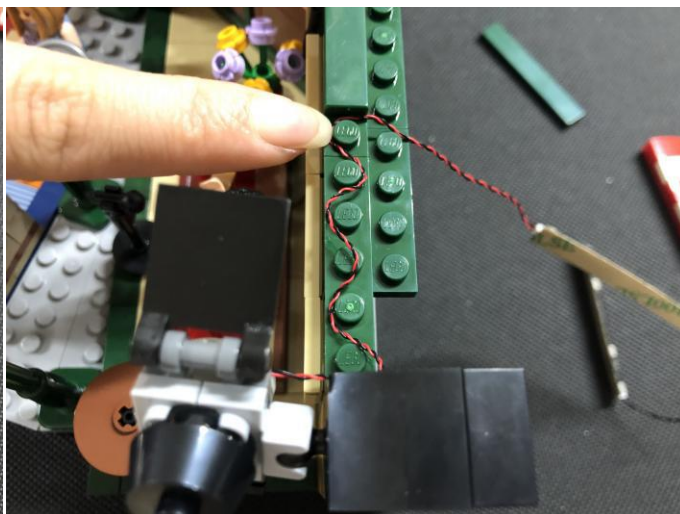
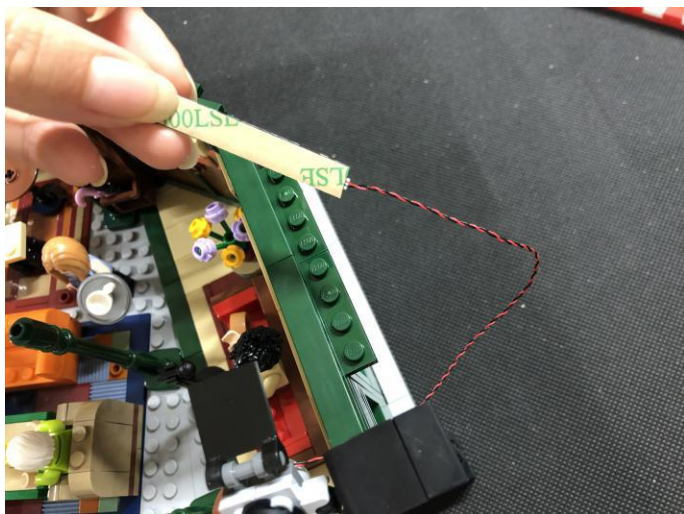
Take a 30cm light, repeat the steps we did for the spotlight at the right side to install the one at the left side



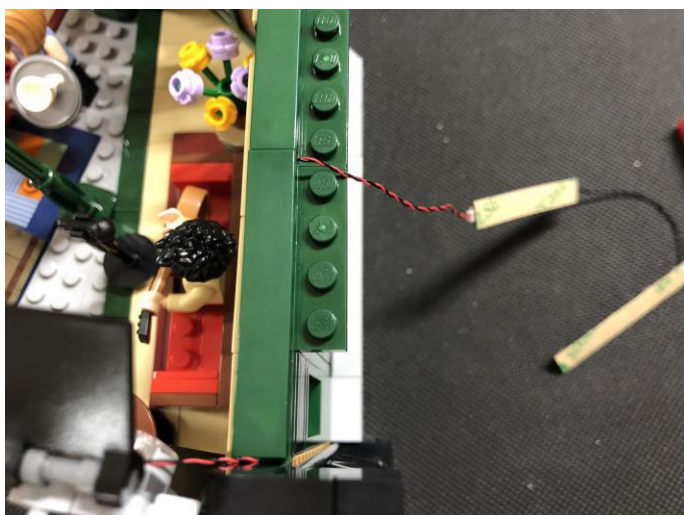
Take 2 warm white strip lights, a 5cm connecting cable, assemble them together as per below



Connect the cable from the spotlight to the strip light, and place the cable as per below



Reconnect the 1x6 plate to secure the cable, place the excess cable as per below, reconnect the eaves to secure the cable as per below





Stick the strip light to the eaves above the window as per below



Stick another strip light underneath the roof of the door



Take a 30cm connecting cable, a 6-port expansion board (expansion board#2), connect the connecting cable to the strip light above the door



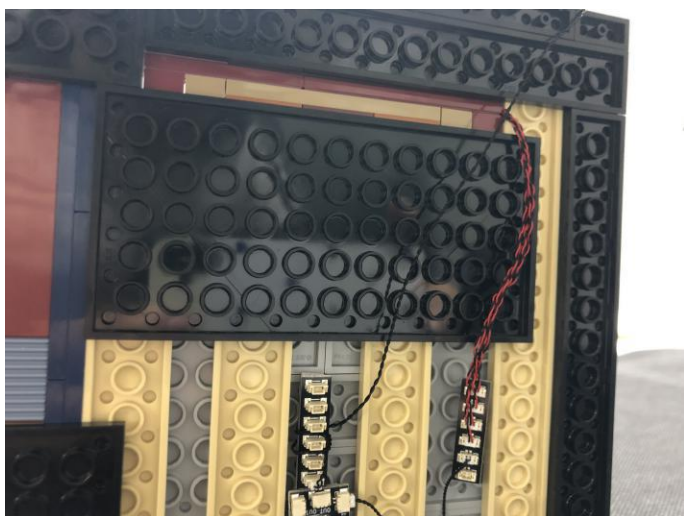
Remove the following pieces to allow the cable thread through the flowing space, then, reconnect the pieces to secure the cable



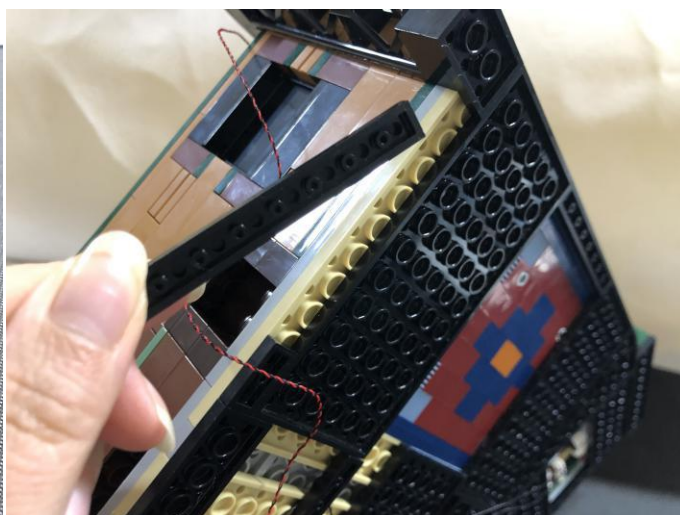
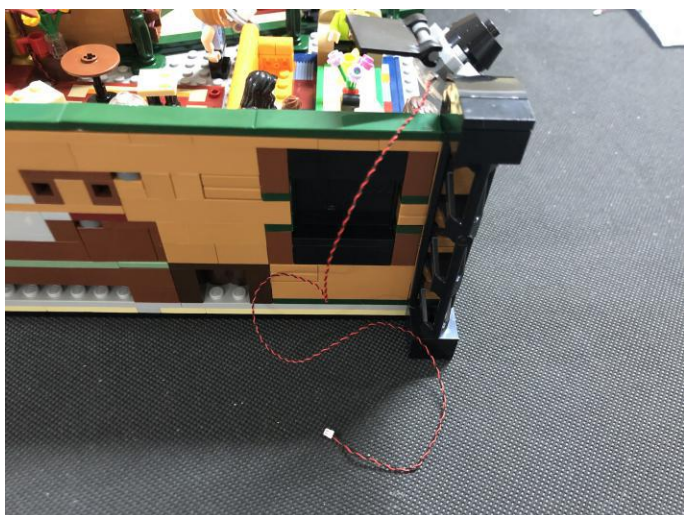
Pull the cable to the bottom, and connect it to the expansion board #2



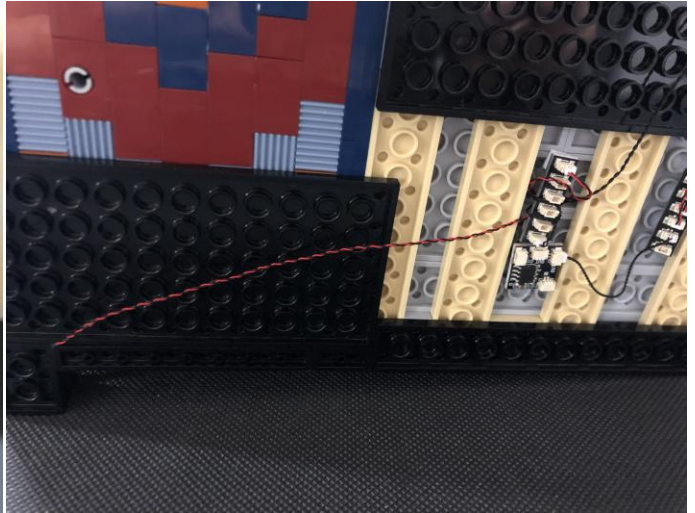
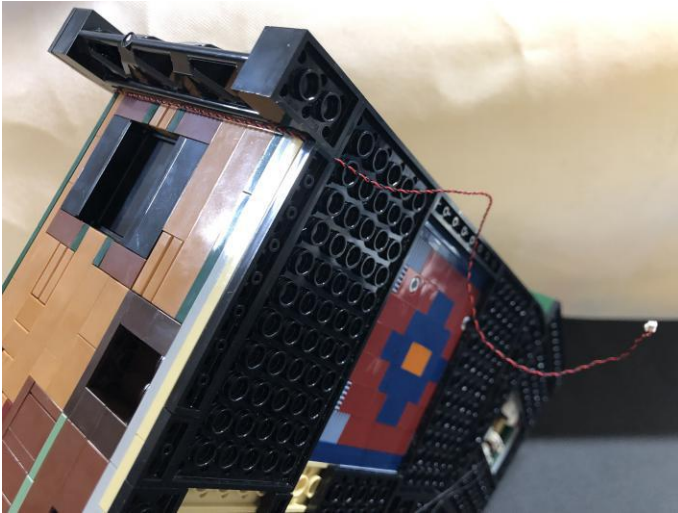
Stick the expansion board next to the Flicker Effects Board with the adhesive squares



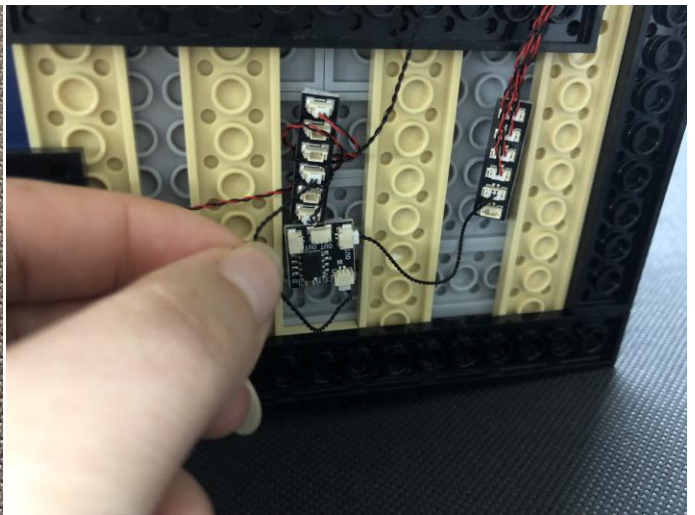
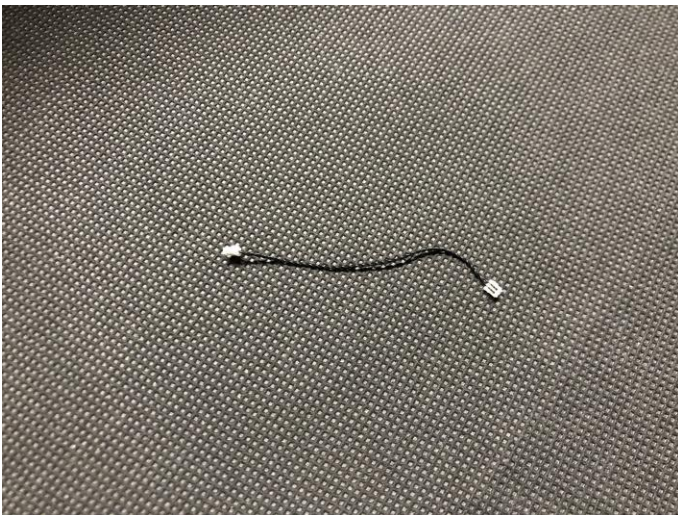
Connect the cable from the other spotlight to the expansion board. Turn the house to its side, remove the following piece



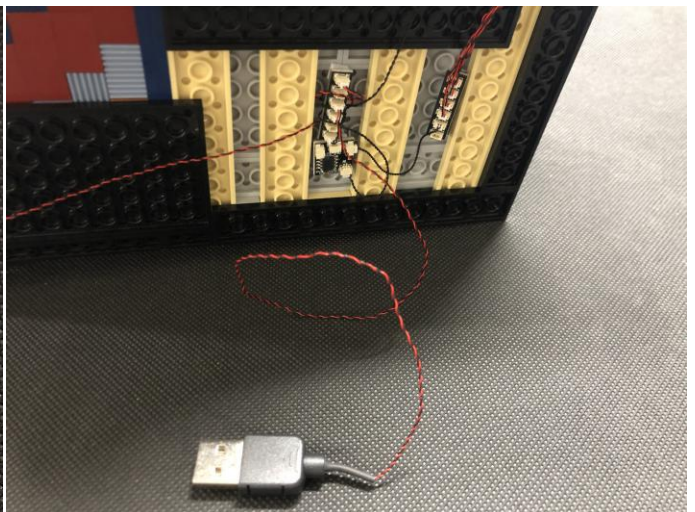
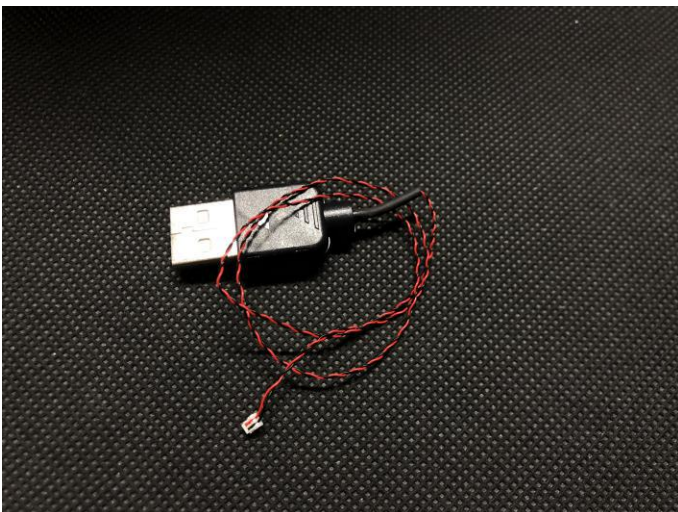
Pull the cable to the bottom, reconnect the piece we removed before to secure the cable, then, connect the cable to the expansion board#2



Take a 5cm connecting cable, assemble the expansion board#2 and the Flicker Effects Board together with the 5cm connecting cable



Take the USB cable, connect it to the expansion board#2, as per below



This completes installation of this LED Lighting Kit. ENJOY!

