

# 10243 Parisian Restaurant P76

- P76 is the unique code of lighting set, we use this to accurately identify the product you purchased and the corresponding manuals and services you need to obtain. Please make sure your product code is the same as the label on the back of the box shown “10243 P76”.
- Installation requires a lot of patience and great observation that your LEGO bricks will come alive when you get this finished. The bricks with lighting as below, so make sure you're ready and let's get started.



# Strategies for the Installation

This instruction divides three sections to complete the installation of the lighting set.

## **Section A:** Check the type and quantity of components.

The quantity and type of components of each products are different and it needs to be carefully checked to make sure there do have enough material. The type of components is indicated by the label on the bag.

## **Section B:** Test that each components is working properly.

Each components is made individually so it is necessary to test that each components is working properly to avoid the situation that the lighting does not work .

## **Section C:** laying out components following the instruction.

Our material is very small but not fragile, just be reminded that don't to pull the wires too hard. For different people, there may be some installation steps that you can't understand. Please look at the previous and later installation step

## **Section A: Check the type and quantity of components.**

**There are 8 bags in this set. The name and quantities of specific components are as shown , please check carefully.**

| Label                       | Content                     | Quantity |
|-----------------------------|-----------------------------|----------|
| LED Strip Lights-Warm White | LED Strip Lights-Warm White | 4        |
| Expansion Board             | 6 Socket Expansion Board    | 1        |
|                             | 8 Socket Expansion Board    | 1        |
| AA Battery Box              | AA Battery Box              | 1        |
| Connecting Cables-15CM      | Connecting Cables-15CM      | 3        |
| Connecting Cables-30CM      | Connecting Cables-30CM      | 2        |
| Bit Lights-30CM-Warm White  | Bit Lights-30CM-Warm White  | 9        |
| Lamppost-White              | Lamppost-White              | 1        |
| Parts package               |                             |          |

**Please contact us immediately if there have any missing components.**

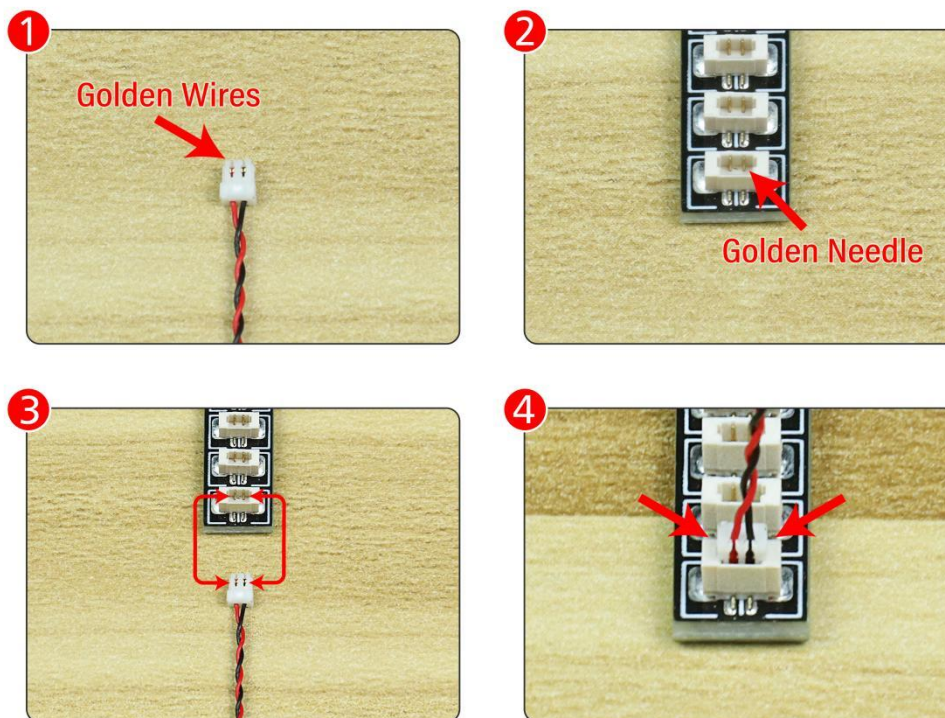
## Section B: Test that each components is working properly.

We need a structure to test all lights, so take out the bag with label “USB Power Cord”and “Expansion Boards”as follows.



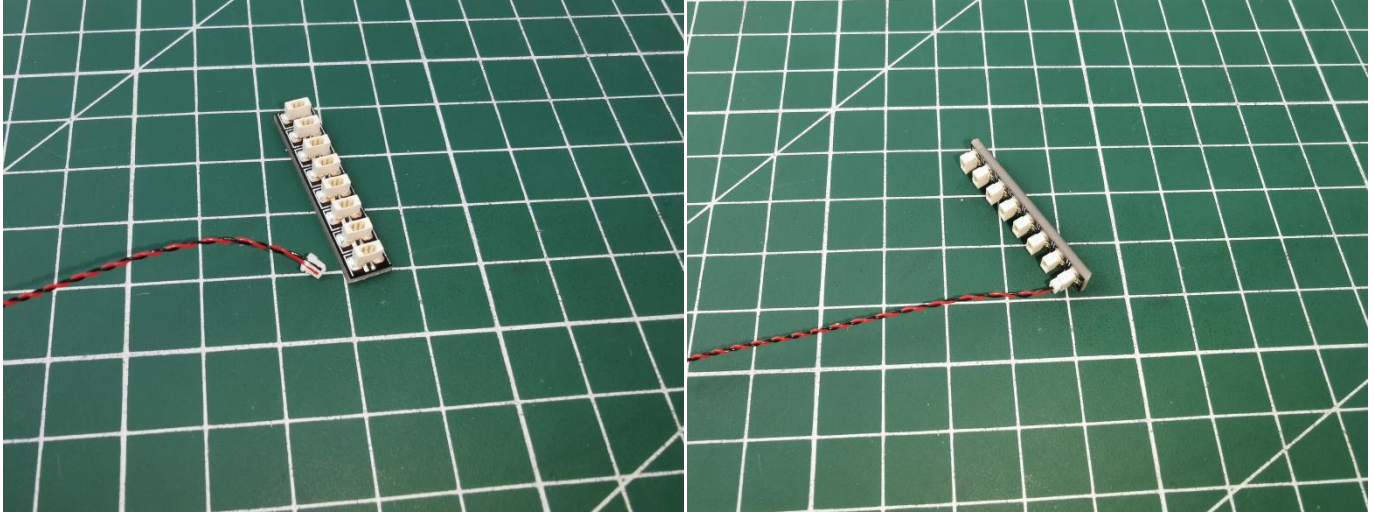
It is worth reminding that our products are all customized. They have a unique way of connecting. The white plug on wire and the socket of the expansion board need to be connected together to transmit power.

Note that on one side of the white plug you can see two very small golden wires that should be connected to the two golden needles in socket of the expansion board.shown as blow.



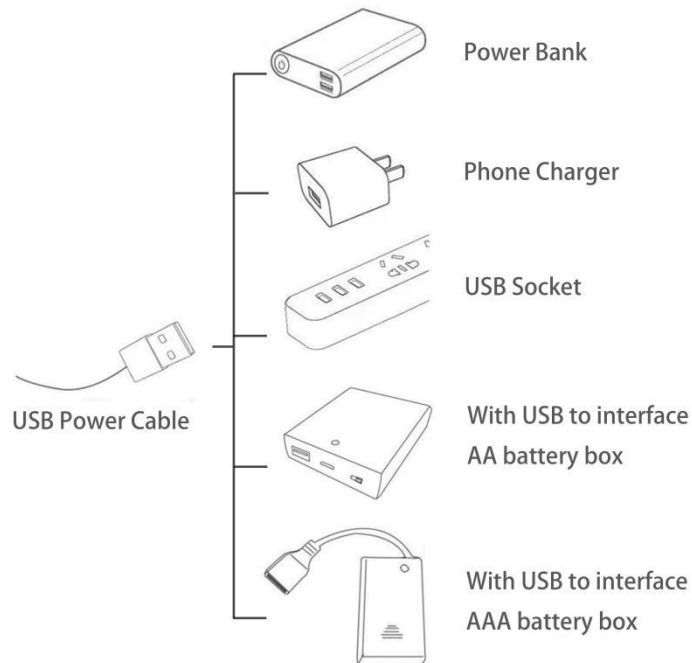
All our connections between plug and socket are all the same as shown above. So for any such structure with plug and socket, please pay attention to the golden wire of the plug and the golden needle of the socket, they must be touched together.

The connection method between the USB Power Cord and Expansion Boards is as follows:



The USB Power Cord can be powered by phone chargers, power banks, etc.

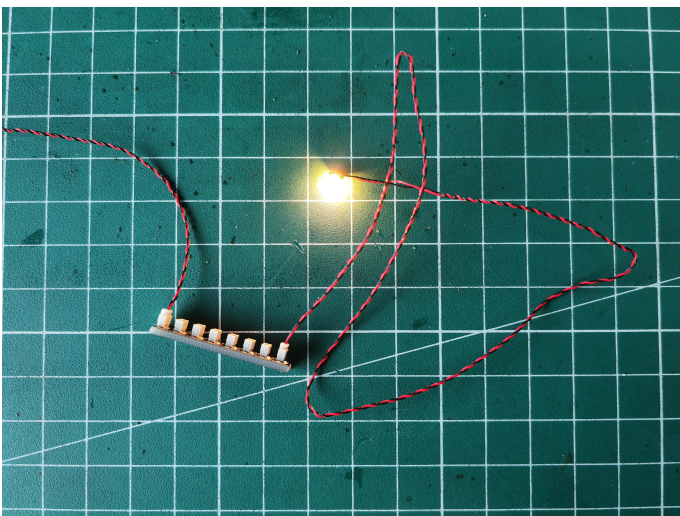
USB connectors to connect devices



**This instruction will use the power bank as power supply . The test structure is shown as follow. All lamp in this set will be tested by this structure.**



**when we test "Bit Lights-30CM-Warm White" particles,Take out the bag labelled "Bit Lights-30CM-Warm White".Take out one of the light and connect it to the socket. Turn on the power bank, the light will turn on normally as shown below.**



**Test each lamp according to this method. It should be noted that after the test, the lamp must be returned to the corresponding bag to avoid confusion of types.**



**The components needs to be tested in this set is 4\*LED Strip Lights-Warm White,8\*Bit Lights-30CM-Warm White,1\*Lamppost-White.**

**Please contact us immediately if any components don't work.**

**Section C:** laying out components following the instruction.

**1.)** This lighting kit is installed from the bottom up. Start by removing the 2nd and top levels of the modular building. To enable us to lay the cable for the lamp post underneath the brick tiles, remove the following tiles as per below.

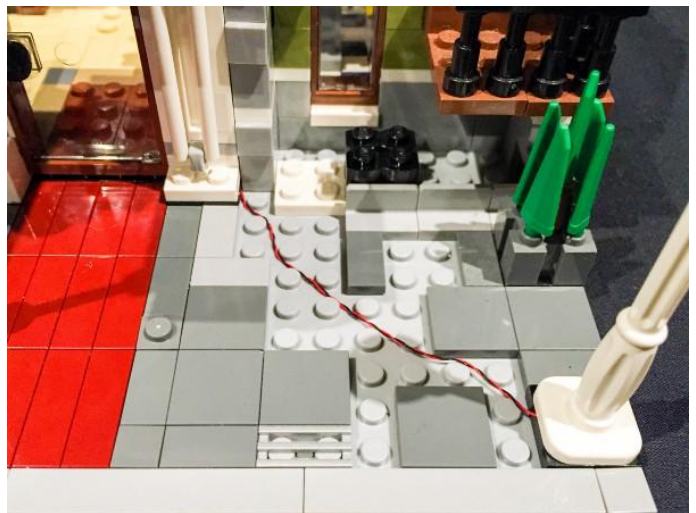
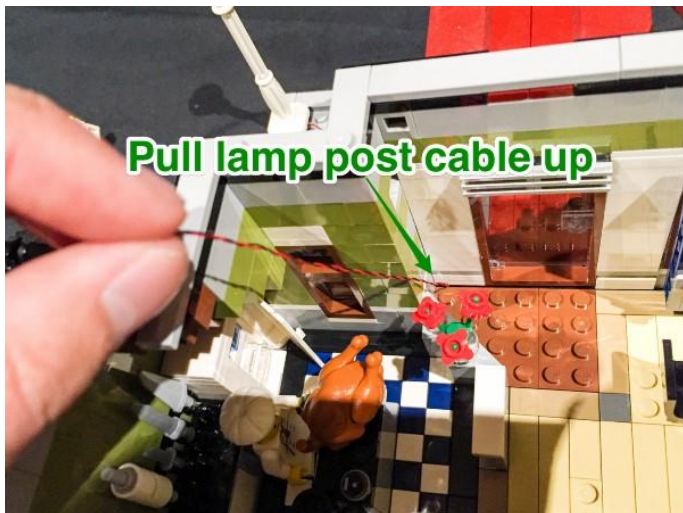


**2.** Replace the stock lamp post with the Vonado lamp post ensuring that the cable is laid in the middle of the black 4x1 brick.

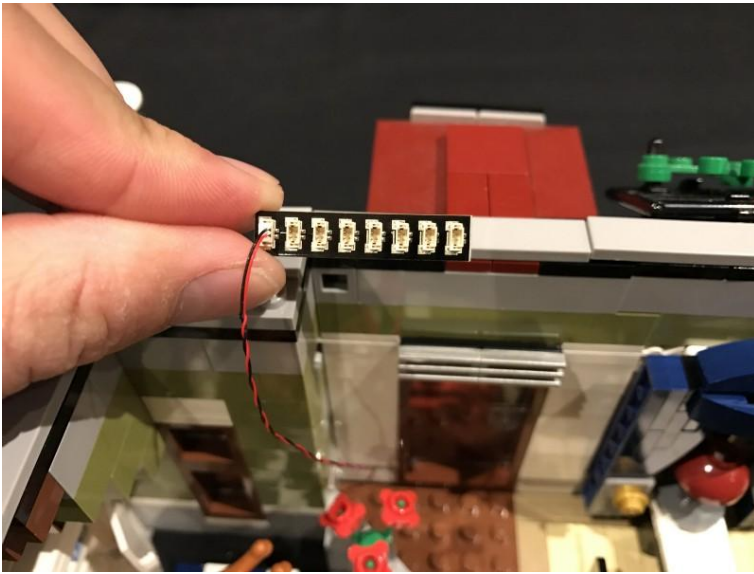




**3.) Gently bend the base plate down and lift the building of the ground floor up and thread the cable for the lamp post underneath the brick wall. Ensure that the cable is laid in between the brick connectors as pictured below.**



**4.) Connect the lamp post cable to the 1st available port of the 8-port expansion board.**



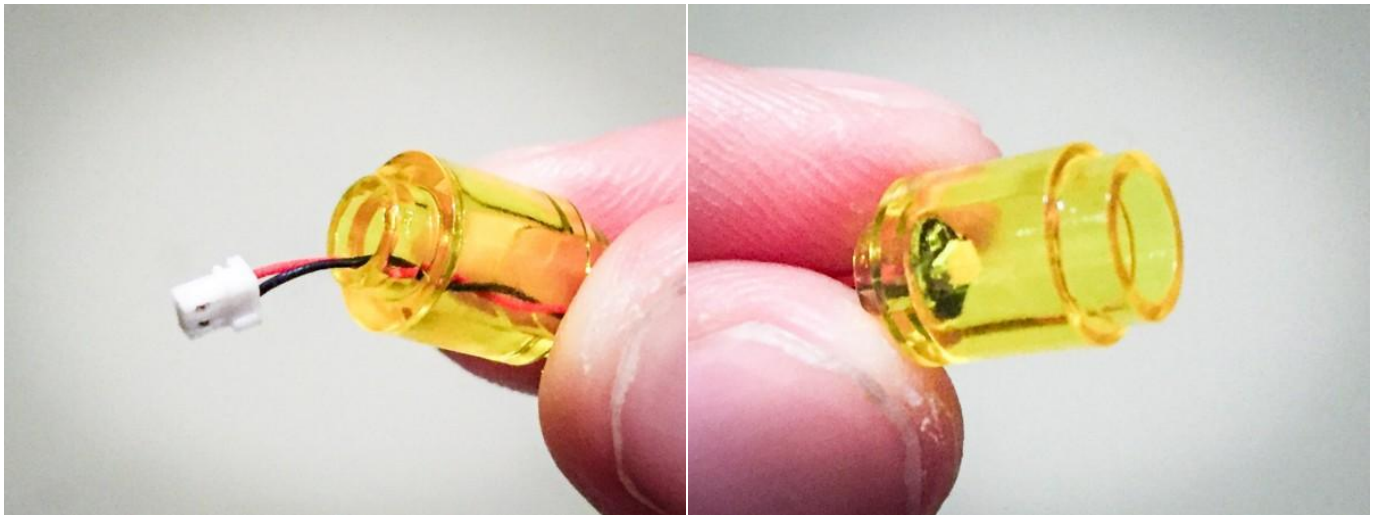
**5.) Replace the brick tiles we removed in step 1. They should connect comfortably over the top of the lamp post cable.**



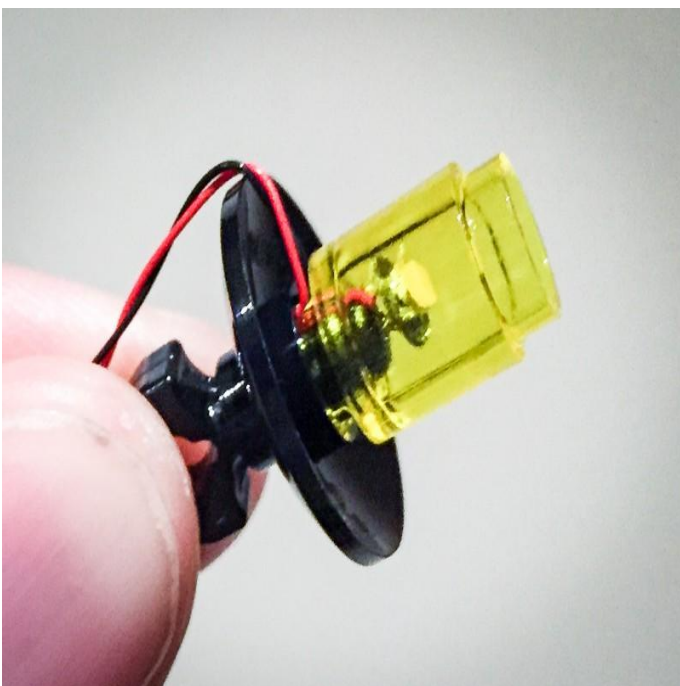
**6.) We are now going to connect 3 Dot Lights to light up the roof lamps. Remove the fern pieces on the roof of the ground floor and then remove one of the lamp pieces.**



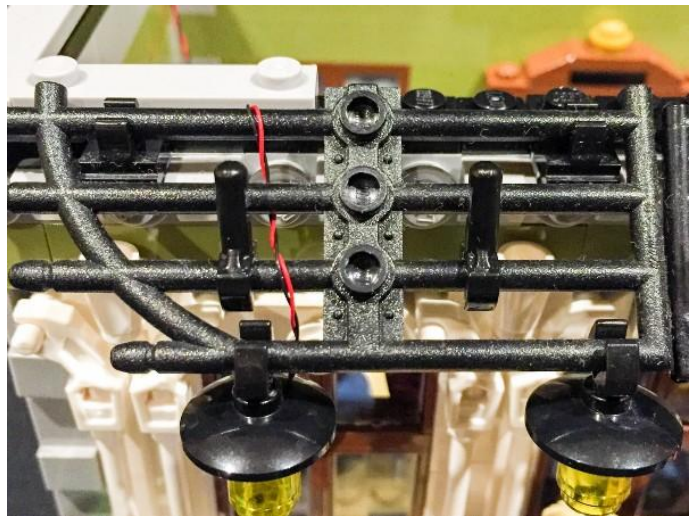
**7.) Remove the black piece connected to the transparent yellow piece. Take one of the Dot Lights and thread the cable from the connector side up through the larger hole of the yellow transparent piece. Thread this all the way until the Dot Light part is up inside the piece.**



**8.) Connect back the black piece you removed in the previous step. Do not force this to connect as this may pull the Dot Light away from the cable and damage the Dot Light. Instead, let the back of the Dot Light slide down as you connect the black piece back.**

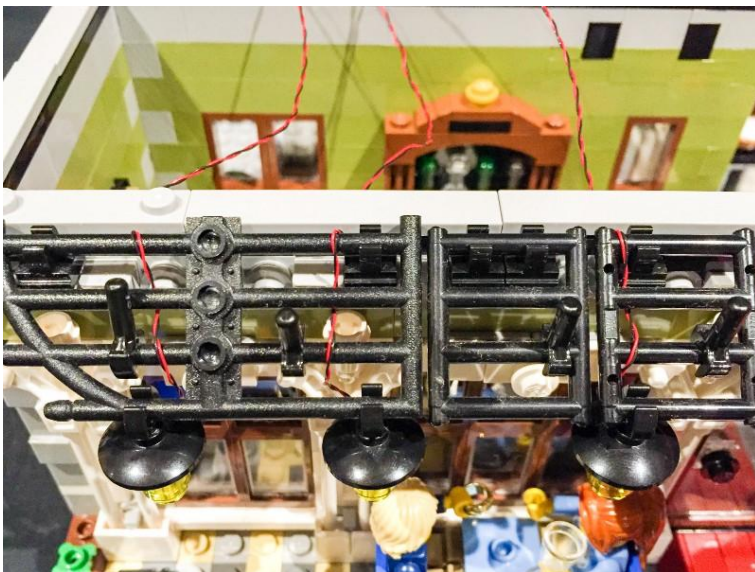


**9.)** Using the connector end of the Dot Light, thread this through the roof bars and then use the grey tiles to secure the cable.



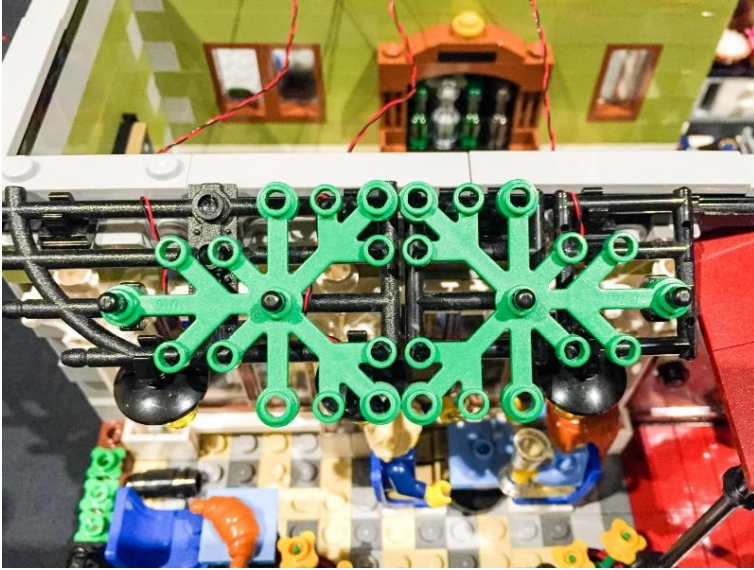
When securing cables underneath bricks, remember to lay the cabling between brick connectors

**10.)** Repeat steps 7, 8, and 9 for the 2nd and 3rd roof lamps

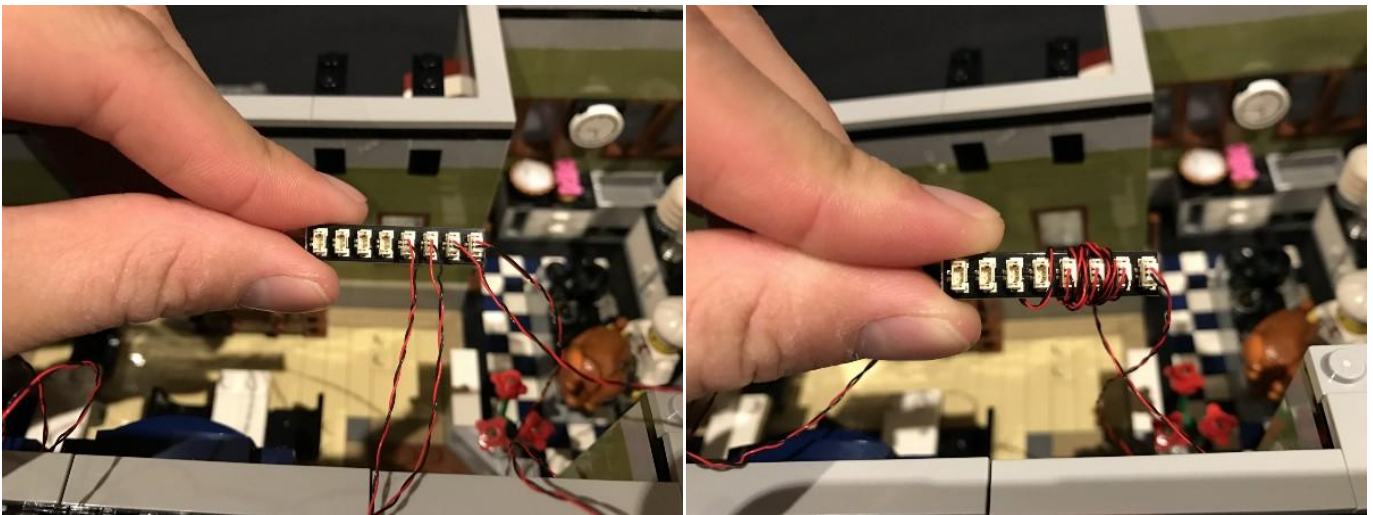


Use grey tiles to secure the 3 cables

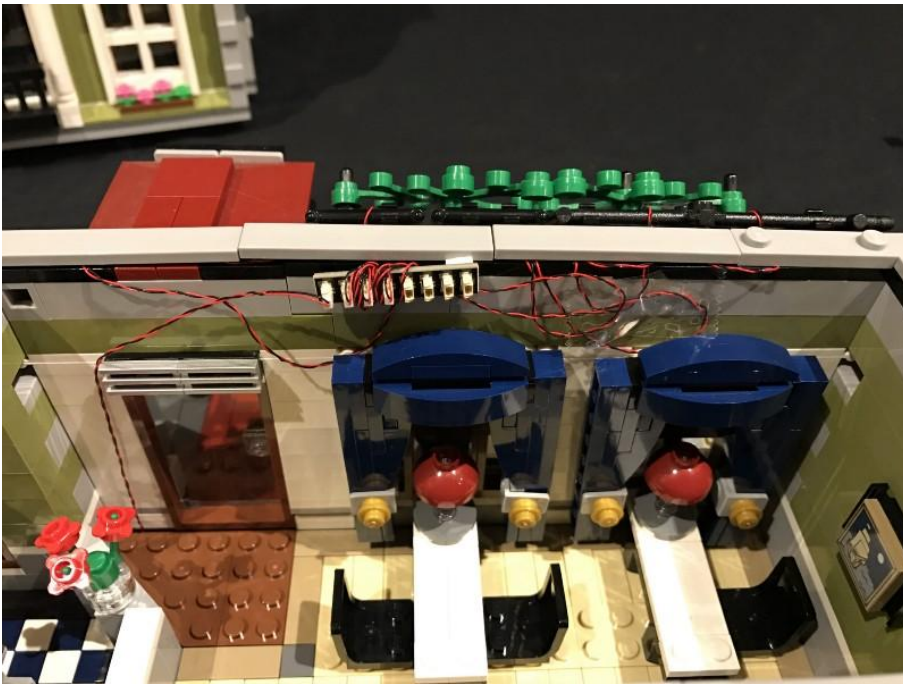
**11.) Reconnect the green fern pieces to the roof**



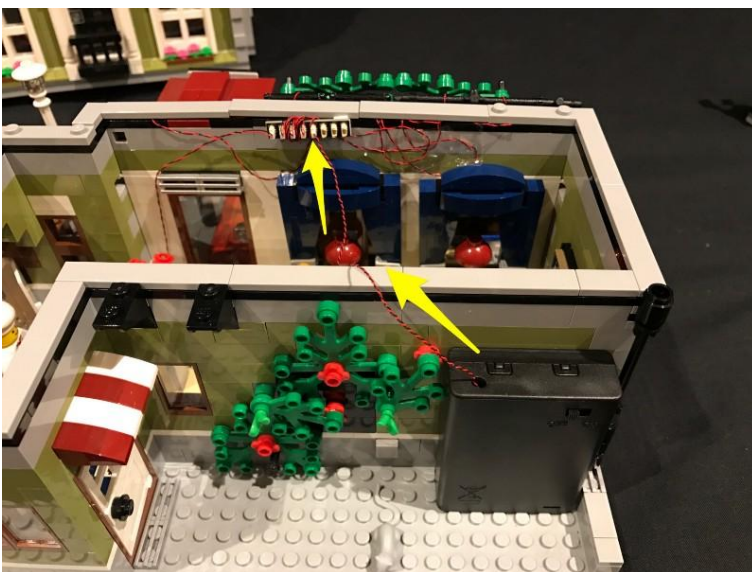
**12.) Connect the cables from the 3 Dot Lights we just installed to spare ports of the 8-port expansion board then wind the 3 cables from the Dot Lights around the board to eliminate excess cable.**



**13.)** Turn the building around to the back and then take one of the provided adhesive squares to stick the expansion board to the top of front wall of the ground floor.



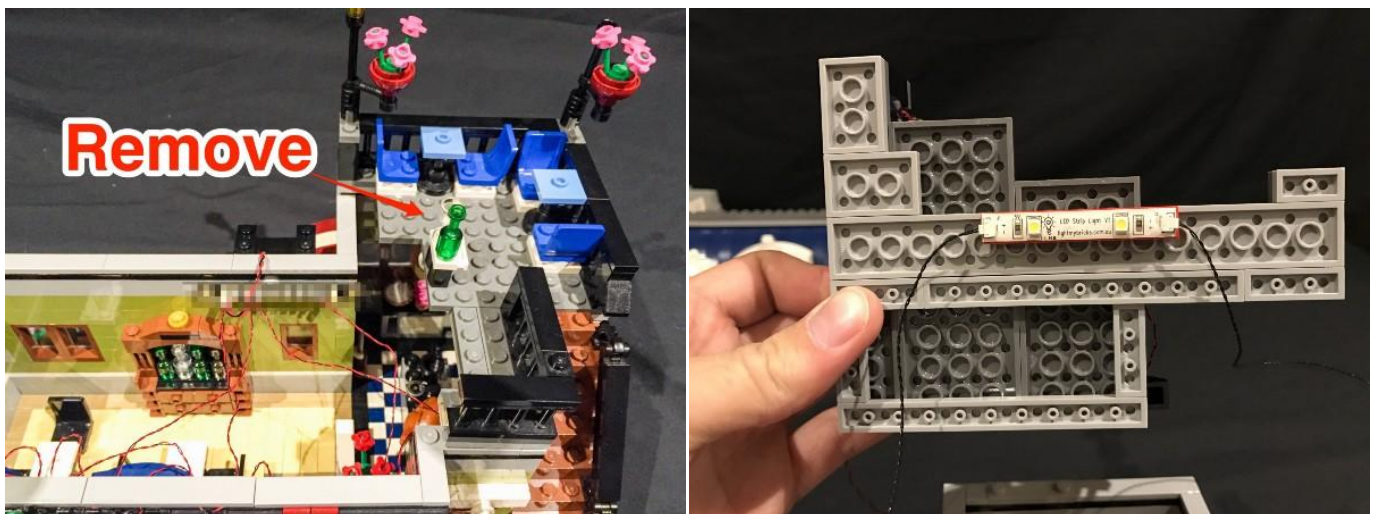
**14.)** Take the battery pack and insert 3x AA batteries into it. Place the battery pack behind the building against the wall as per below and then connect the battery cable into another spare port of the expansion board.



Secure the battery pack and to prevent it from moving around by connecting the garbage tip and garbage bin right up against the back and side of it. Secure the battery cable by laying this underneath the grey tile closest to the battery pack.

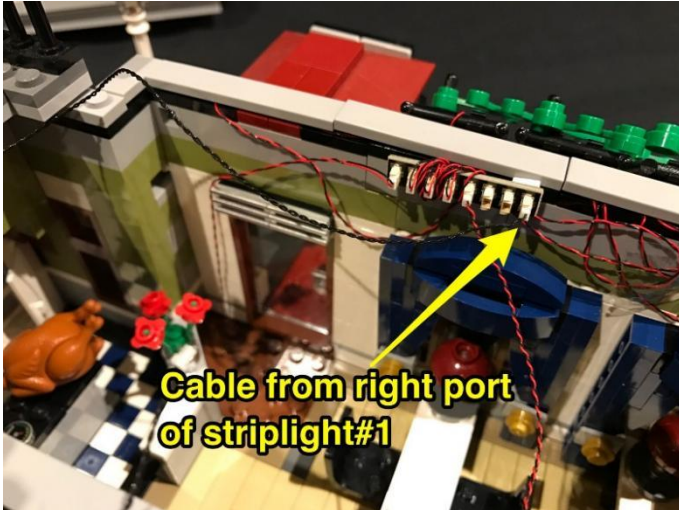


**15.)** Remove the section directly on top of the kitchen. Carefully flip this section over so that we can connect a strip lights underneath. Take 1 LED strip light (striplight#1) and connect a 15cm connecting cable to each port (2 connecting cables in total). Then connect striplight#1 on the bottom of this section in the following position.

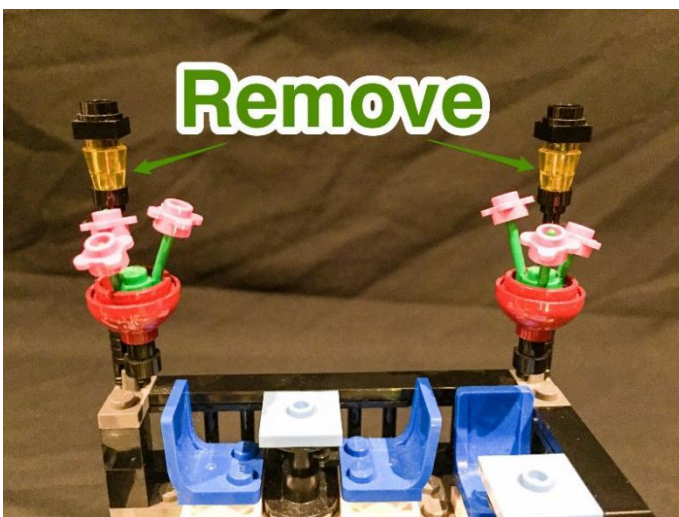




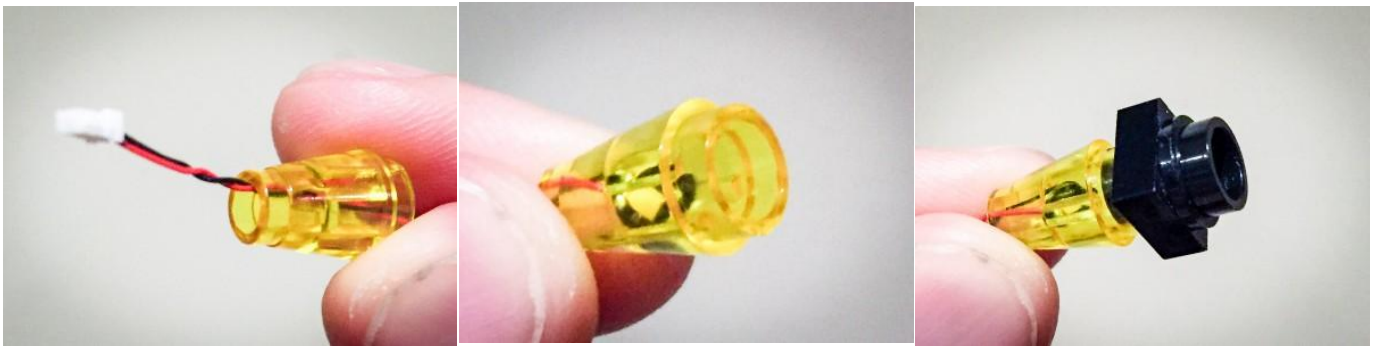
**16.)** Place this section we removed back on top of the ground floor and then connect the 15cm connecting cables from right port of striplight#1 to the another spare port on the expansion board. Keep the other 15cm cable spare as this will connect to a strip light later.



**17.)** We will now connect the lights for the lamp posts on the 2nd level balcony. Start by removing the pieces which make up the 2 lamps. You only need to remove the yellow transparent pieces.



**18.)** Using a Dot Light, thread the connector side of the cable through the larger hole of the yellow piece. Thread this all the way through until the LED part is sitting comfortably inside the piece, then connect the top of the lamp post (black pieces) back on top of the yellow piece.



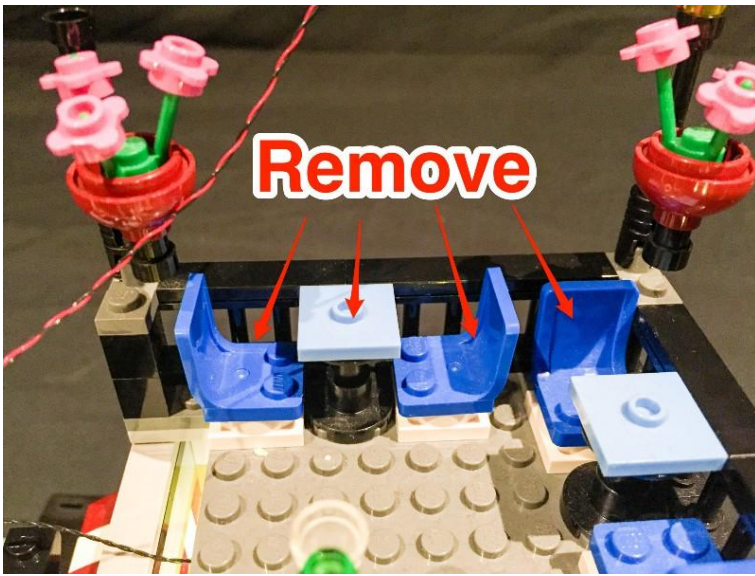
**Pull the cable all the way through**

**Repeat this process for the other lamp post.**

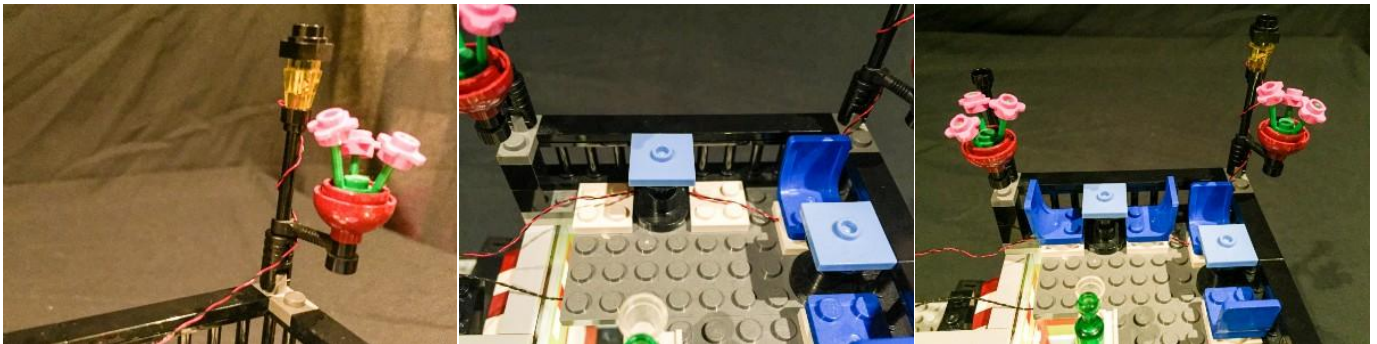
**19.)** Connect the lamp back to the lamp post. The cable should be able to fit comfortably in between the lamp and lamp post like below.



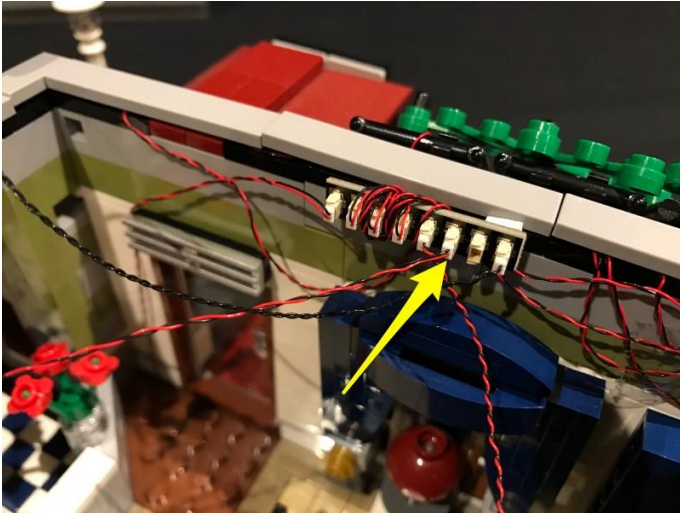
**20.)** Remove the following pieces of the balcony so that we can lay the cable from the lamp post LED behind the table and chairs.



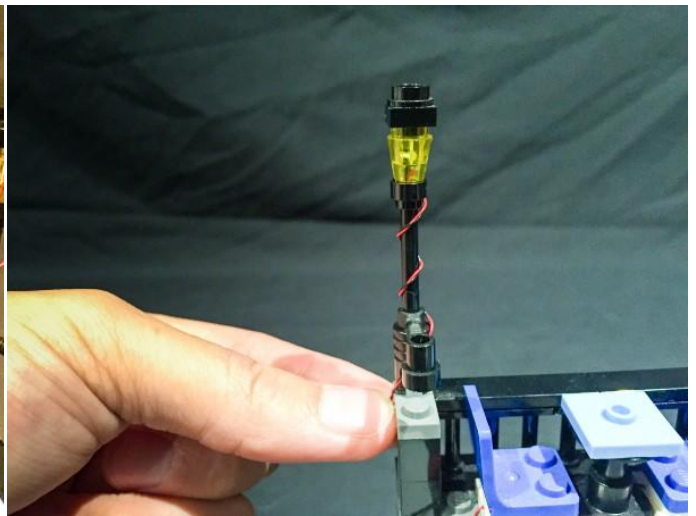
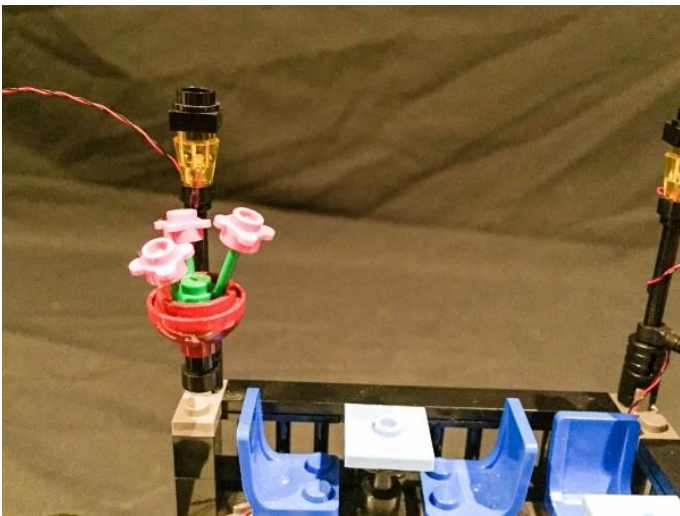
**21.)** Wind the cable for the Dot Light around the lamp post 2 - 3 times and then lay the cable down so that we can connect back the pieces we removed in the above step to secure this cable down.



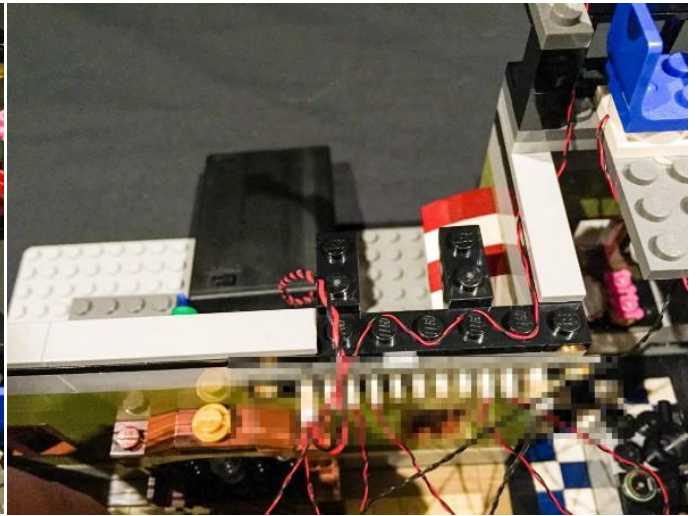
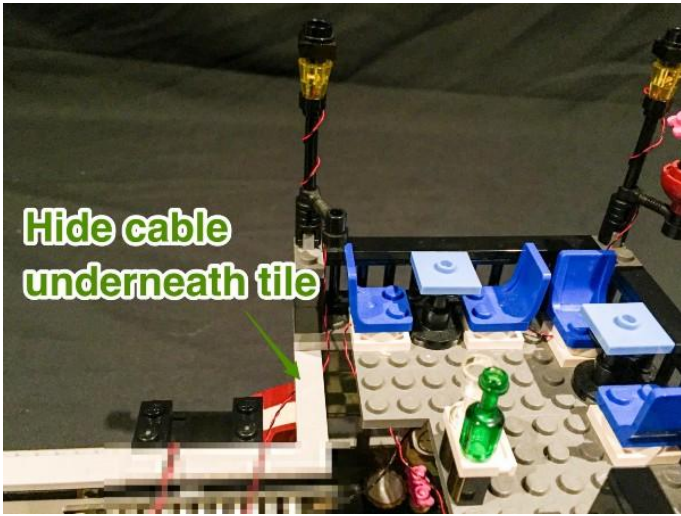
**22.)** With the cable for the first lamp post on the balcony secure, we can now connect this into a spare port of the expansion board below.



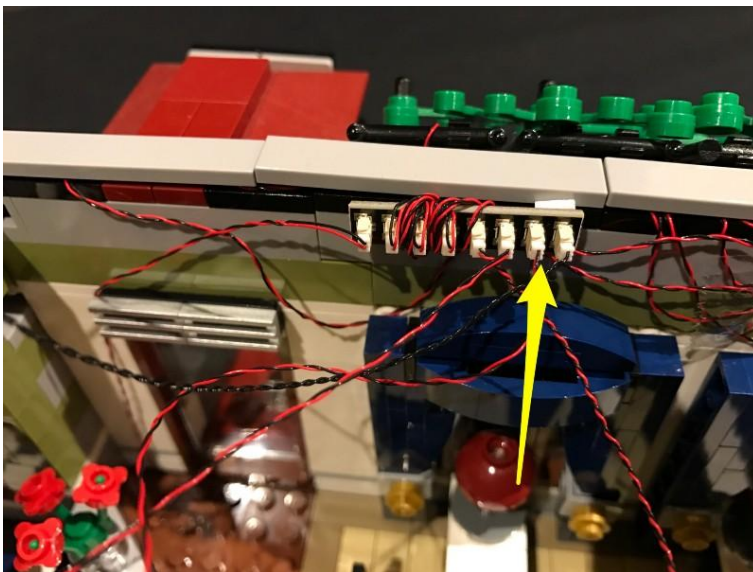
**23.)** Connect the second lamp with Dot Light installed onto the second lamp post and then wind the cable around the lamp post 2 - 3 times as you did for the first lamp post above.



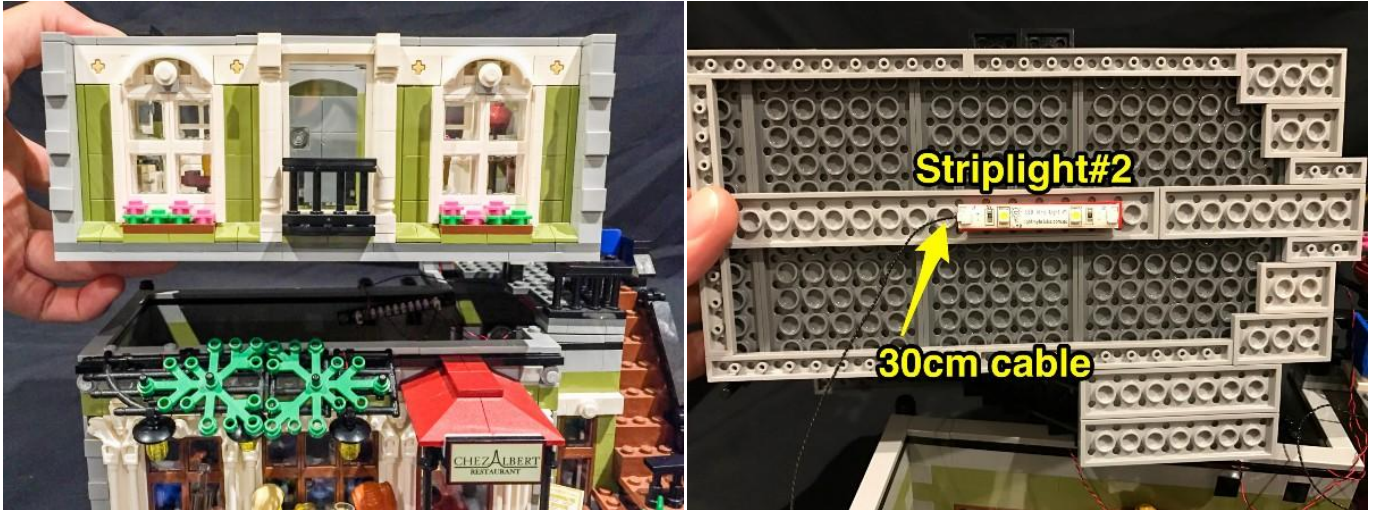
**24.) Use the grey tiles on the top of the ground floor to secure the cable from the lamp post LED and to hide any excess cable.**



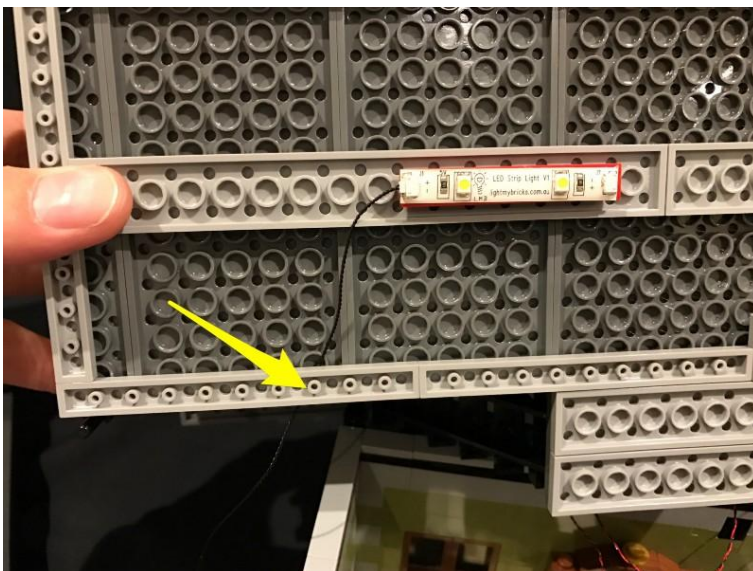
**25.) Connect the cable of the Dot Light into the final spare port on the 8-port expansion board**



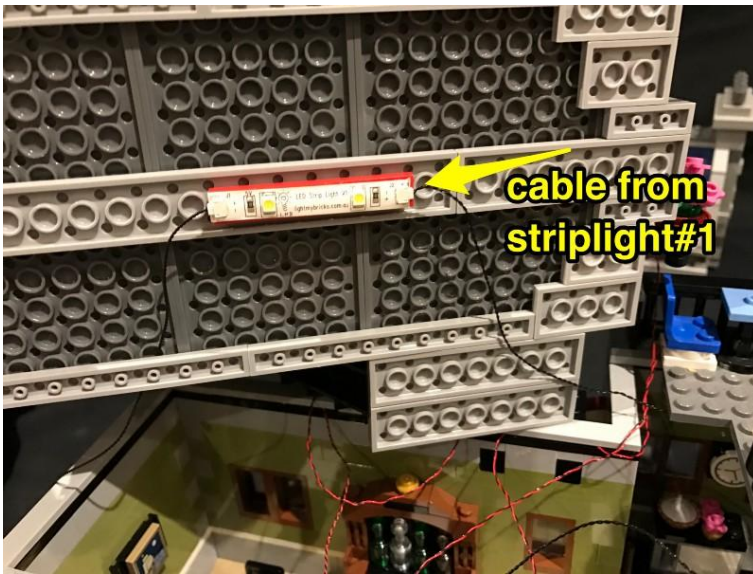
**26.)** Take the 2nd floor and flip it over and then take a 30cm connecting cable and connect it to the left port of another strip light (striplight#2), then connect the strip light to the following position below.



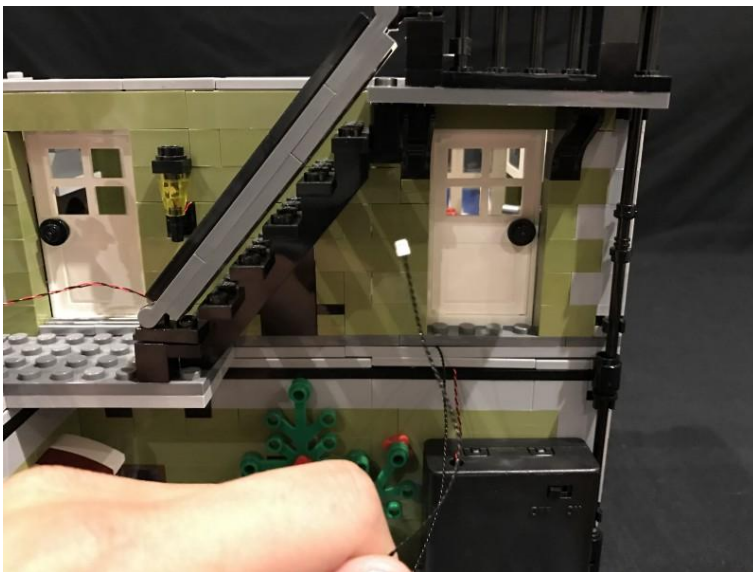
Secure the connecting cable in place by laying this underneath the grey plate as per below.



**27.)** Take the spare 15cm cable from striplight#1 and connect this into the right port of striplight#2.



**28.)** Reconnect the entire 2nd floor back on top of the ground floor ensuring the 30 cm cable is sticking out the back.



**29.)** We will need to thread the cable through the door way. First remove the pieces which make up the balcony rail.

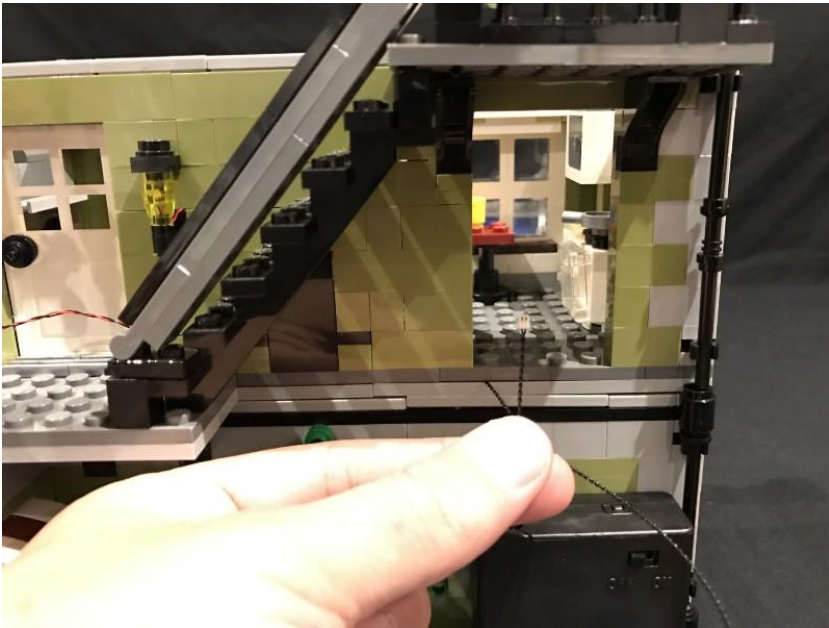


Looking at level 2 from above, remove the following pieces to then allow us to remove the door.

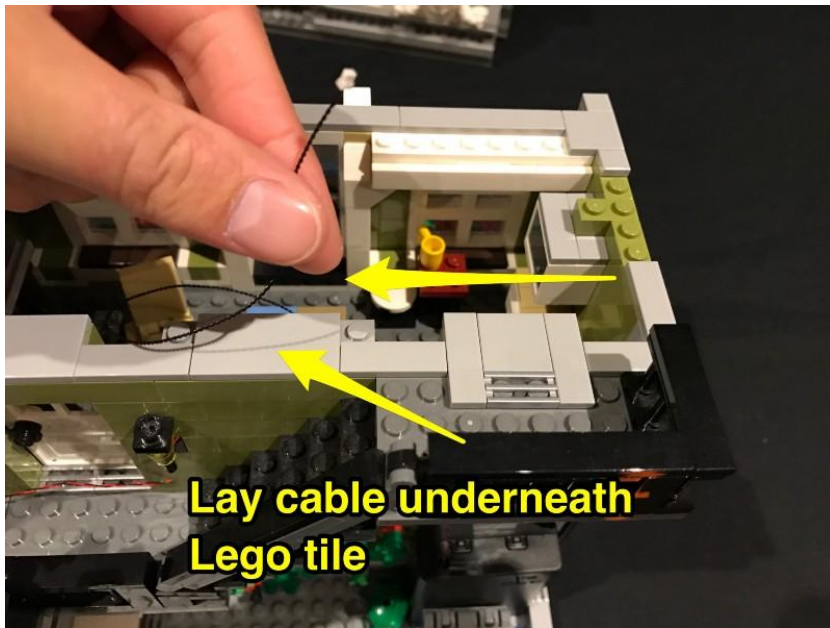




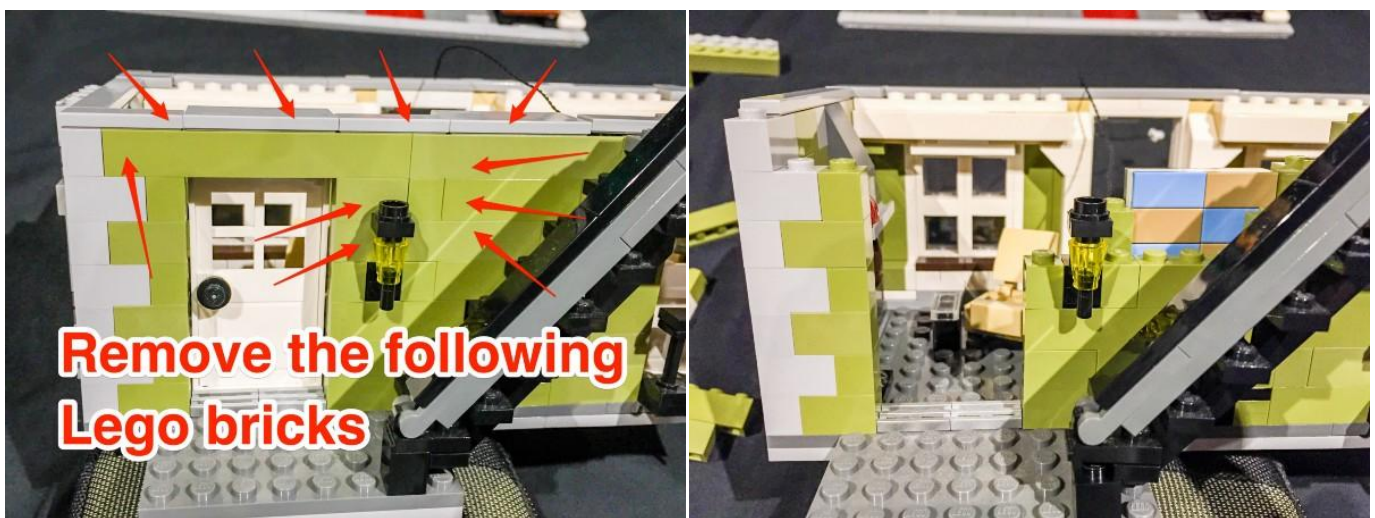
**30.)** Thread the 30cm cable through the door way and then reconnect the door, and other pieces we removed earlier. Ensure that the cable is laid in the bottom left corner in between studs.



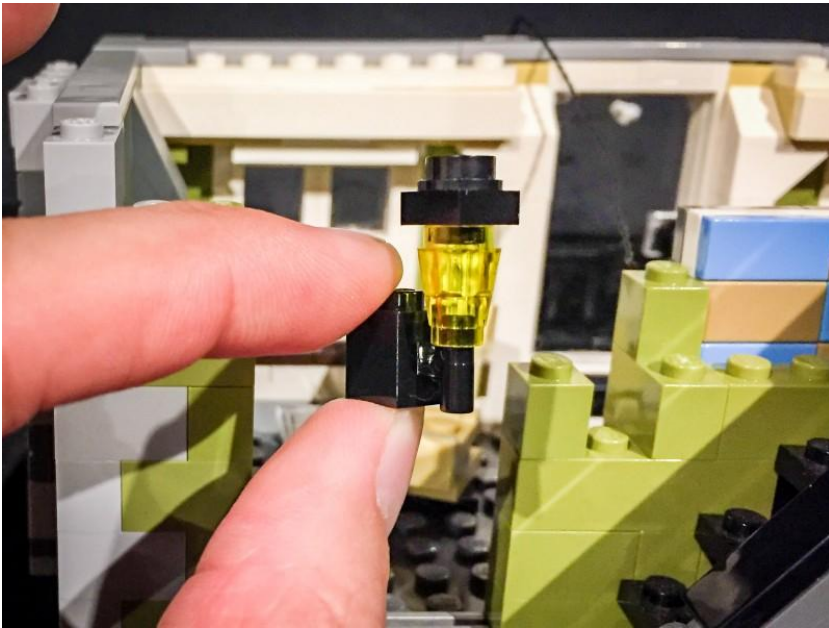
**31.)** Lay the 30cm cable across the left side of the top of the door way and hide it underneath the 2x4 flat tile.



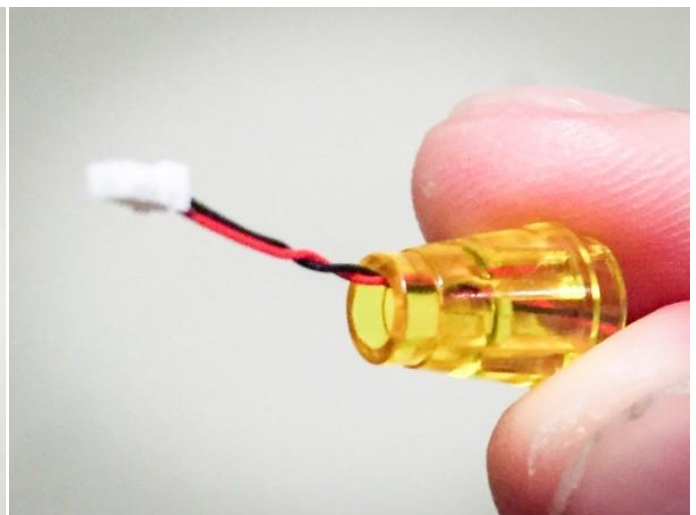
**32.)** In order to install the light for the door lamp on level 2, we will have to remove the following pieces surrounding the door.

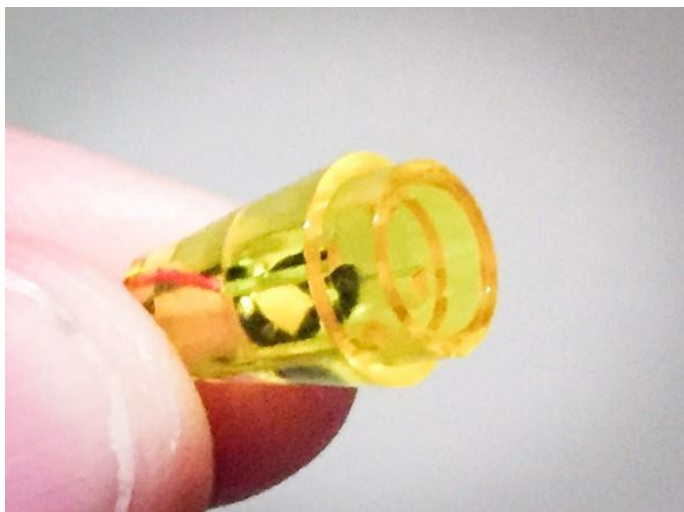


**33.)** Remove the lamp (yellow transparent piece and black piece underneath) and then remove the black piece on top of it so that we can thread a Dot Light through it.



**34.)** Take a Dot Light and thread the connector end through the smaller hole of the yellow piece just like we did for the lamp posts in step 19.

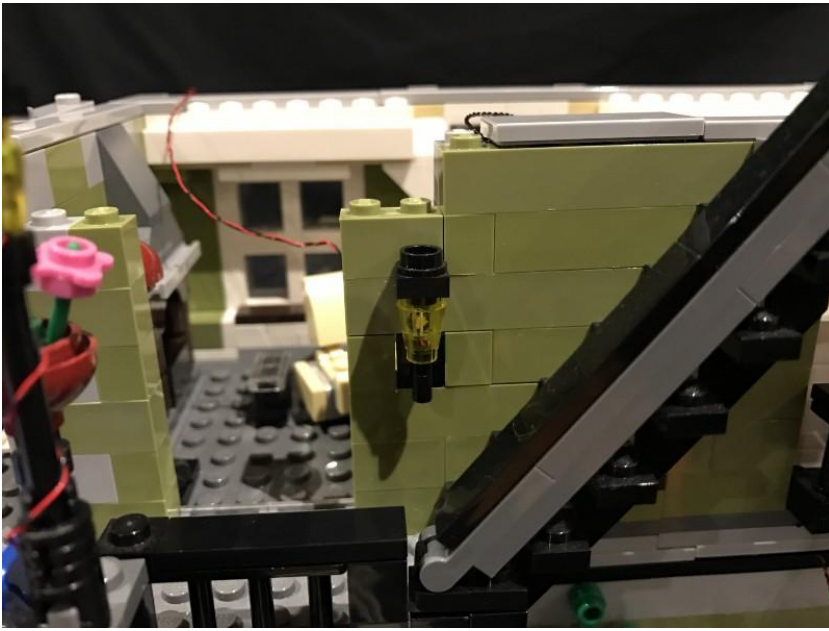




**Do not force the yellow piece to connect to the black piece as this may pull the Dot Light away from the cable and damage the Dot Light. Instead, allow for enough room for the black piece to come through the bottom as pictured below.**



**35.)** Reconnect this lamp back to its original position ensuring that the cable from the Dot Light is laid behind the wall.



**36.)** Reconnect the door and pieces we removed earlier and then pull the Dot Light cable up and then across the doorway. Lay the cable underneath the 2x4 grey tile in between studs as per below.



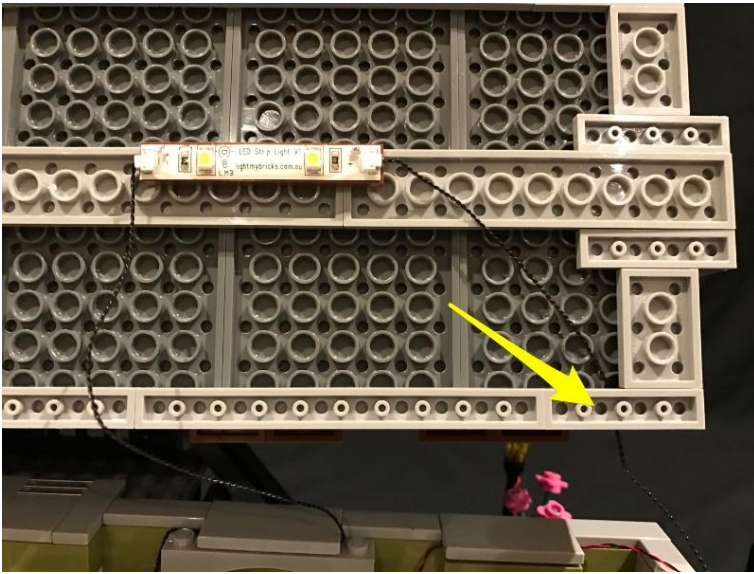
**37.)** Take the entire 3rd level and then turn it on its back. Take another strip light (striplight#3) and connect another 30cm cable into the right port. Connect/stick the strip light to the bottom of the 3rd level at the following position:



Take the 30cm cable we threaded up from below and connect this into the left port of striplight#3.



**38.) Secure the 30 cm connected to the right port by laying this underneath the grey plate and in between studs.**



**Reconnect the 3rd level back on top of the building ensuring that both the 30cm cable and the Dot Light cable is laying behind the building.**



**39.)** Looking at the back of the building, remove the blue door with windows from the following hinges.



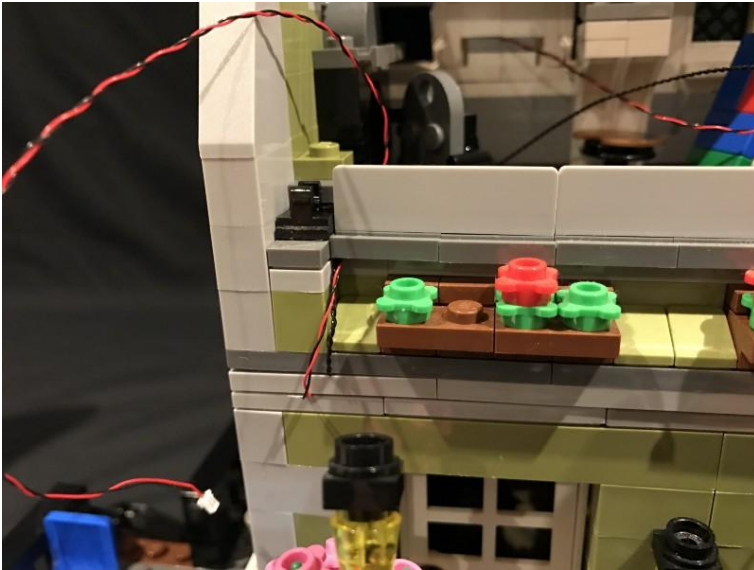
Door should easily disconnect in one piece

**40.)** Remove the following pieces so that we can thread the 2 loose cables through this space.





**41.)** Thread the 2 cables through and reconnect the pieces we removed earlier back on top of the cable ensuring the cables are between the studs.



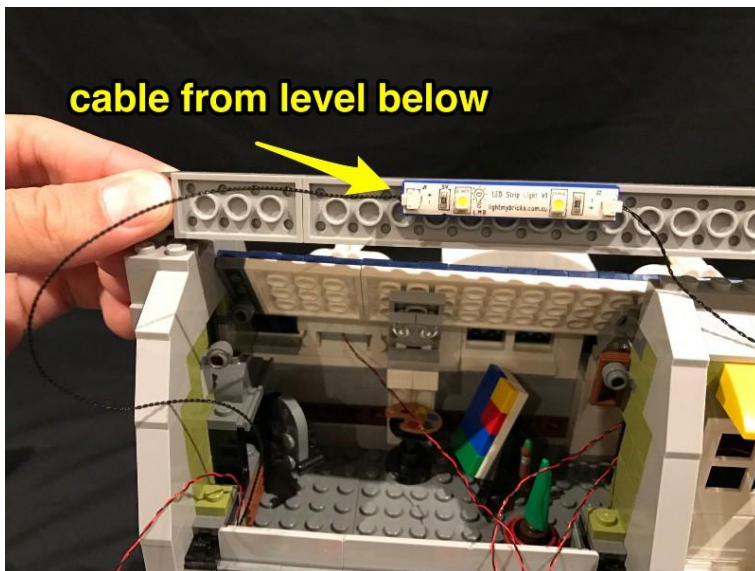
**42.)** Remove the following pieces of the roof.



**43.)** Take the final strip light (striplight#4) and connect a 15cm cable to the right port then connect/stick the strip light to the following position on the centre roof piece.



**44.)** Take the 30 cm cable we threaded up from the lower level and connect this into the left port of striplight#4.



**45.)** We now need to remove pieces in order to connect up the door lamp on the top floor. Start by removing the following pieces:



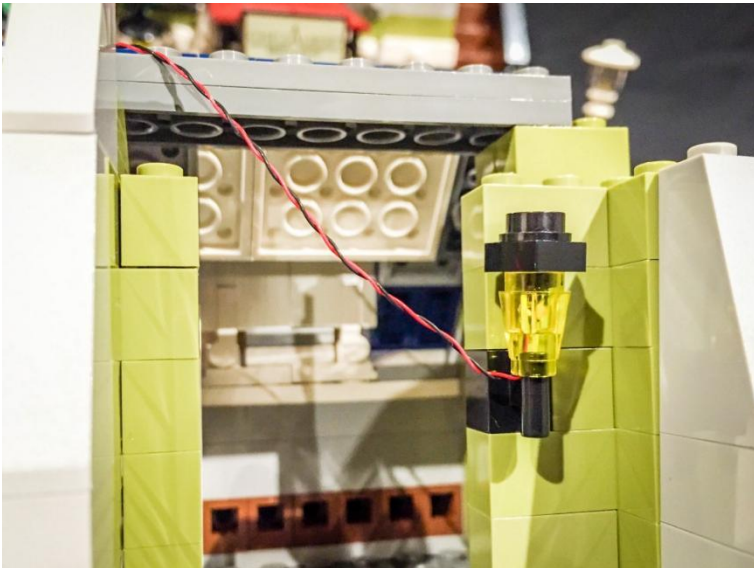
**46.)** Disconnect the door lamp (yellow transparent piece only) and remove the black piece on top so that we can thread through another Dot Light cable.



Thread a Dot Light cable from the connector end through the smaller hole as we did for the previous door lamps / lamp posts.



**47.) Reconnect the wired door lamp to its original position. Do not force the yellow piece to connect to the black piece (lamp post) as this may pull the Dot Light away from the cable and damage it. Instead, allow for enough room for the black piece to come through the bottom as pictured above.**



**Reconnect the door and surrounding pieces we removed earlier.**



Ensure you thread through the cable from the door lamp so that it sits between the door frame and wall

We will connect the Dot Light cable to an expansion board later.

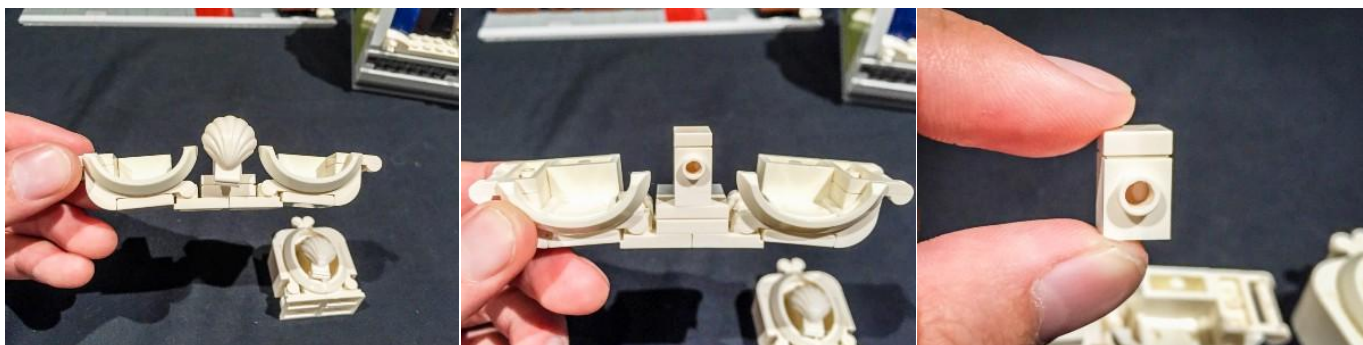
Reconnect the pieces for the roof and two chimneys which we removed earlier.



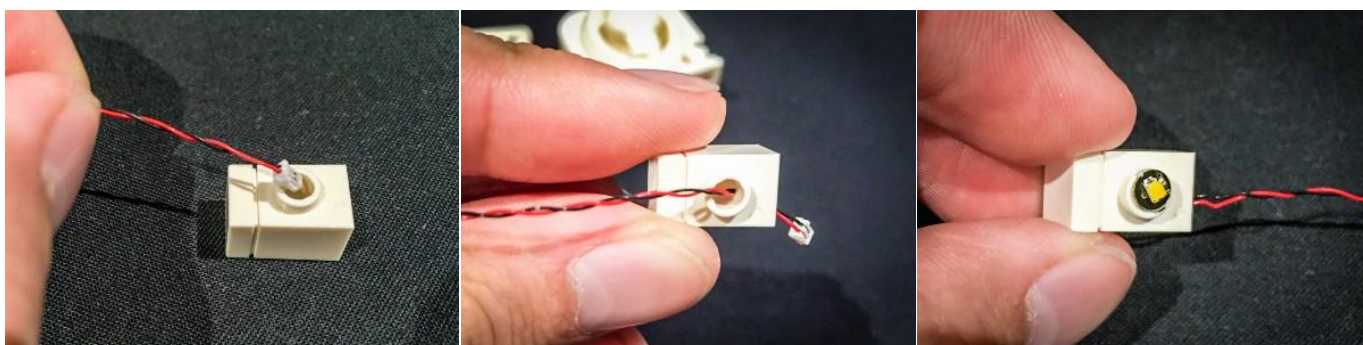
**48.)** We will now light up the shell sections at the front of the roof. Turn the top level around and remove the white croissant pieces to allow us to then remove the 2 shell sections.



**49.)** Take one of the shell sections and then disassemble it piece by piece until you have the single white piece which we can thread a Dot Light through.

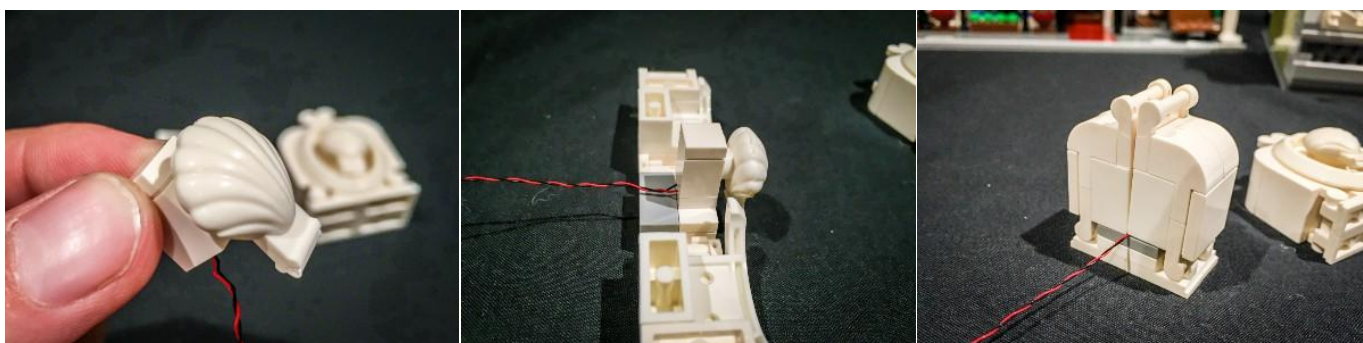


**50.)** Thread a Dot Light cable from the connector end through the hole of the white piece. Pull the cable all the way through until the Dot Light part is right up against the piece.



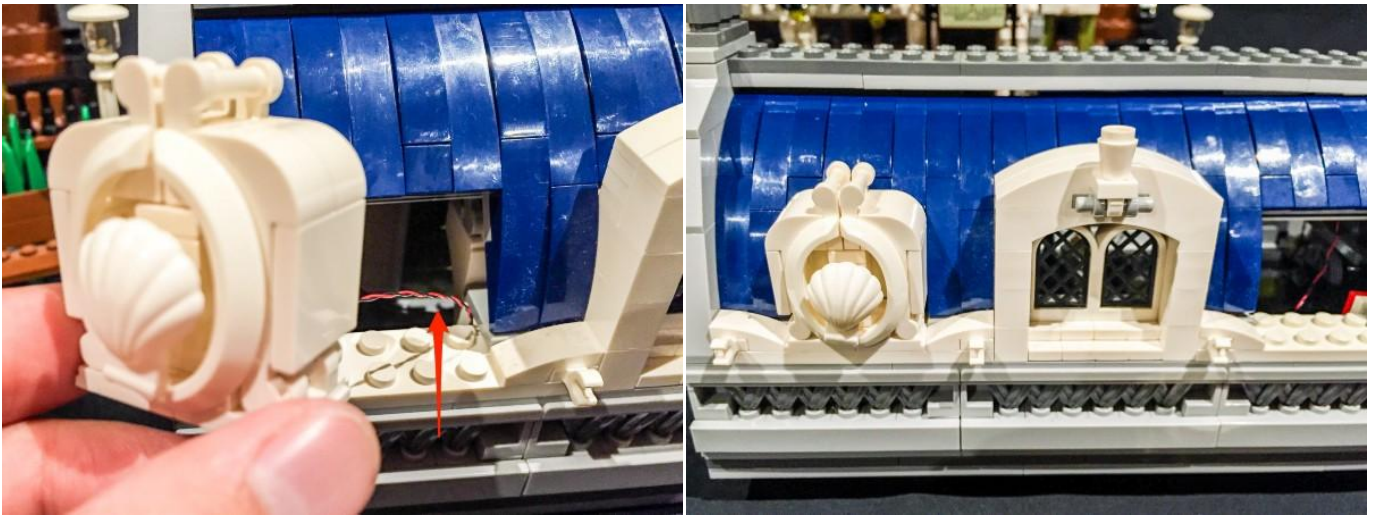
Ensure the Dot Light is facing the correct way up

**51.)** Assemble the shell section back piece by piece starting with the shell piece. As you build this back up, ensure the cable is sitting comfortably in between pieces.

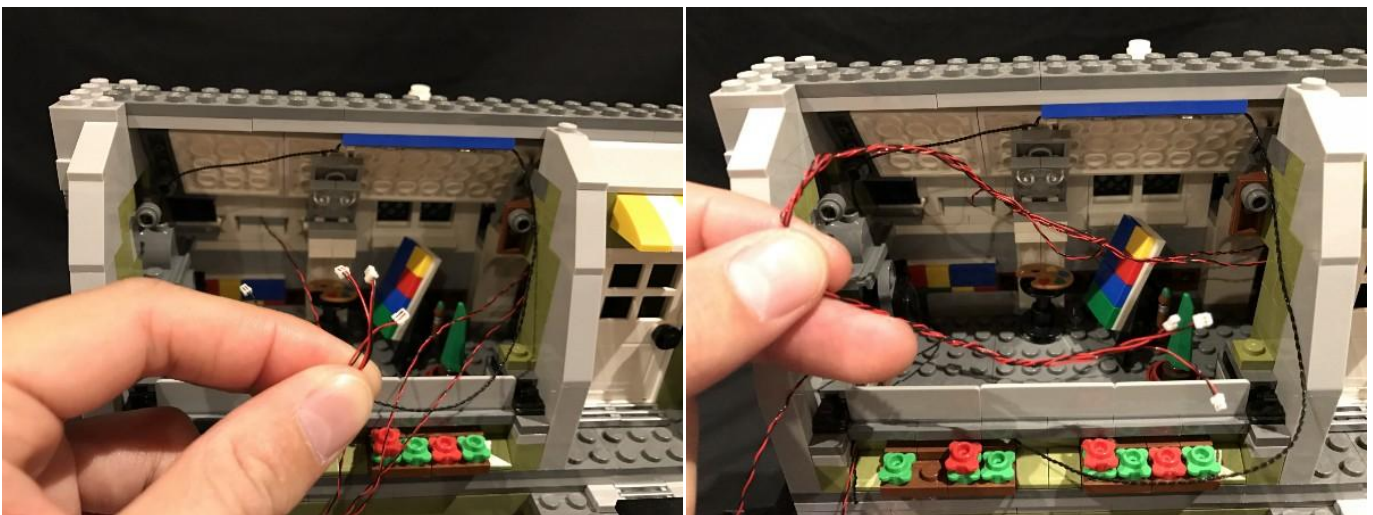


Repeat the previous 2 steps for the 2nd shell section.

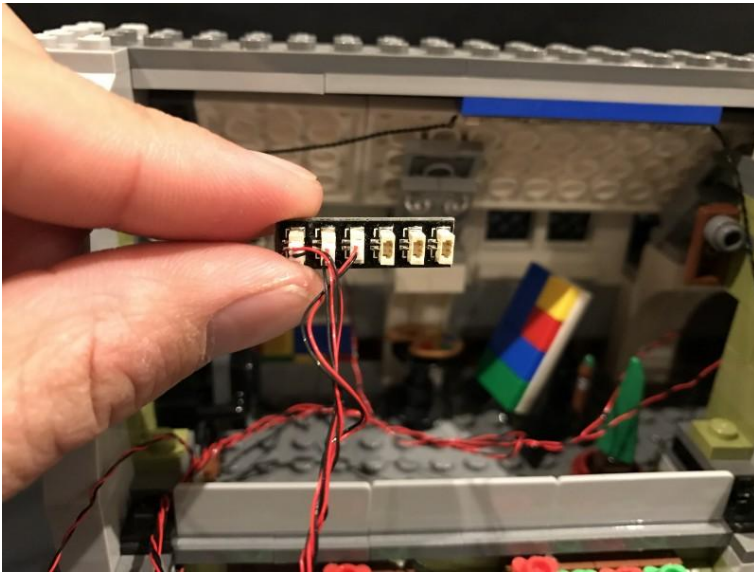
**52.)** Reconnect the 2 wired shell sections to its original positions ensuring the cable for the Dot Lights are thread through behind.



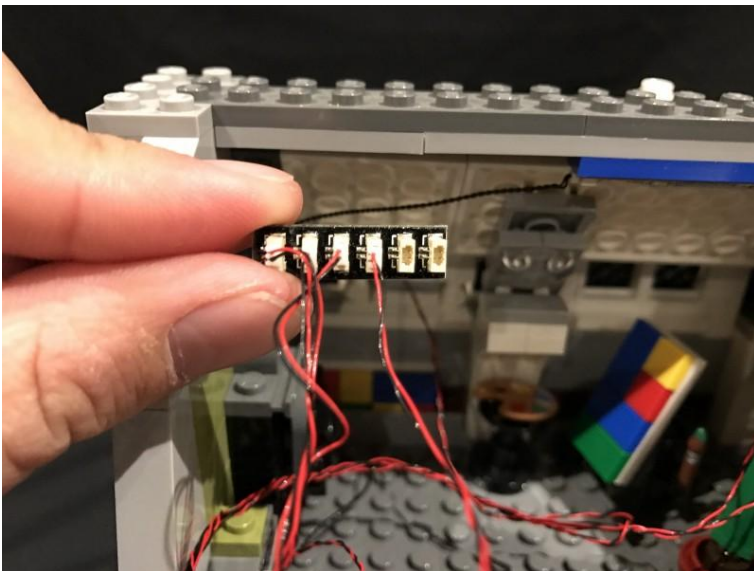
**53.)** Take the Dot Light cables from the 2 shell lights and the lamp post on this level and group them together at the port ends. Twist them around each other so they all come together neatly.



**54.)** Connect these 3 Dot Lights into the first few ports on the 6-port expansion board which came in this kit.

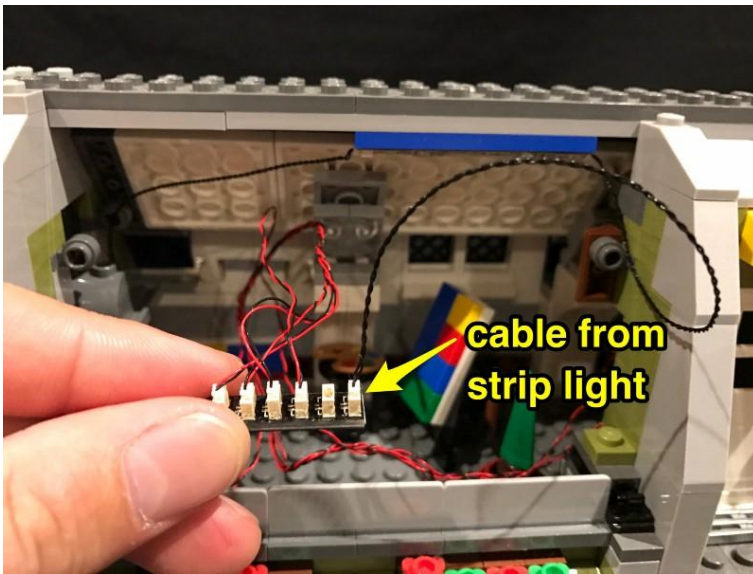


**55.)** Take the Dot Light cable which we threaded up from the level below and connect this into the next available port on the expansion board.

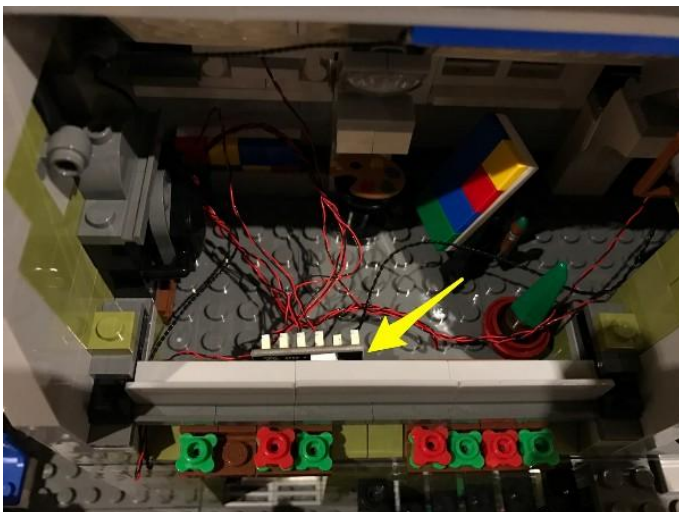




**56.)** Connect the 15cm cable from the right port of striplight#4 into one of the spare ports of the expansion board.



**57.)** Using one of the provided self adhesive squares, stick the expansion board to the bottom of the inside of the level as per below. You can neaten/hide any access cables at the bottom of the floor and around some of the objects so that they are not visible from the outside looking in.



**58.) Finally, reconnect the blue door with windows and close.**



**Good job, you've done all the installation steps, power it up and enjoy your work.**

