10267 Gingerbread House P148

- **P148 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 "10267 P148".**

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

Label	Content	Quantity
Bit Lights-15CM-Warm White	Bit Lights-15CM-Warm White	10
Headlights-15CM-Warm White	Headlights-15CM-Warm White	1
LED Strip Lights-Warm White	LED Strip Lights-Warm White	1
Expansion Board	6 Socket Expansion Board	4
	12 Socket Expansion Board	1
USB Power Cable	USB Power Cable-30CM	1
Connecting Cables-5CM	Connecting Cables-5CM	2
Connecting Cables-15CM	Connecting Cables-15CM	4
Flashing Bit Lights-30CM-White	Flashing Bit Lights-30CM-White	4
Flashing Bit Lights-30CM-Red	Flashing Bit Lights-30CM-Red	4
Flicker-Effects Board	Flicker-Effects Board	1
Multi-Colour Light String	Multi-Colour Light String	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.
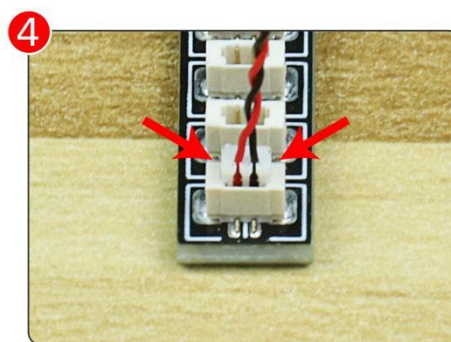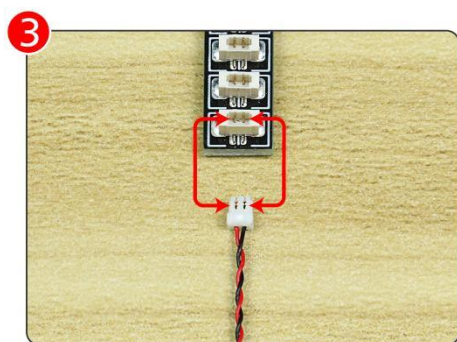
All our connections between plug and socket are all the same as shown above. So for any such structure with plug and socket, please pay attention to the golden wire of the plug and the golden needle of the socket, they must be touched together.

The connection method between the USB Power Cord and Expansion Boards is as follows:
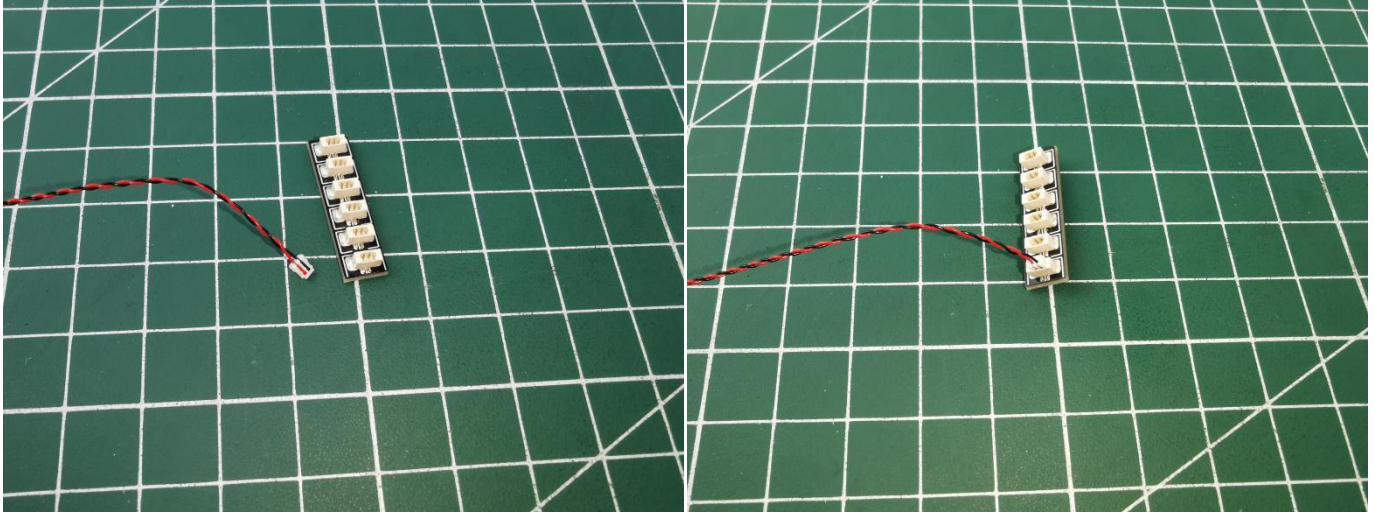
The USB Power Cord can be powered by phone chargers, power banks,etc.

USB connectors to connect devices

Power Bank

Phone Charger

USB Socket

USB Power Cable

With USB to interface AA battery box

With USB to interface AAA battery box

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-15CM-Warm White" particles,Take out the bag labelled "Bit Lights-15CM-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.
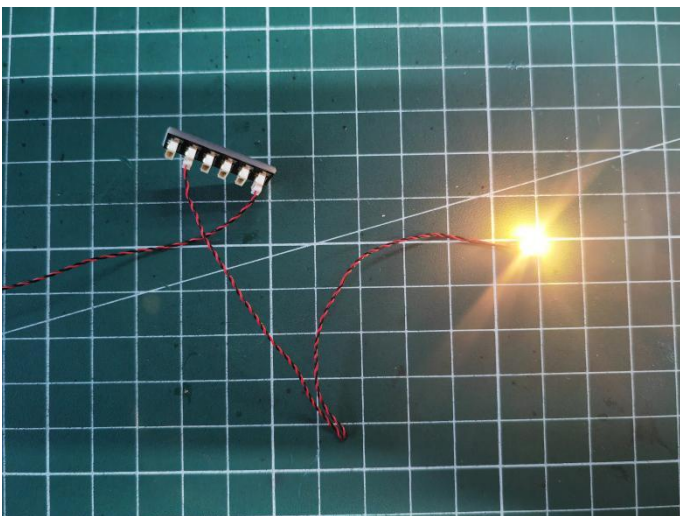
Test each lamp according to this method. It should be noted that after the test, the lamp must be returned to the corresponding bag to avoid confusion of types.

The components needs to be tested in this set is 9*Bit Lights-15CM-Warm White,1*Headlights-15CM-Warm White,1*LED Strip Lights-Warm White,4*Flashing Bit Lights-30CM-White,4*Flashing Bit Lights-30CM-Red,1*Multi-Colour Light String.

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

Section C: laying out components following the instruction.

1

2

3. Remove the red 1x1 pieces from the following 2 leaves.

4
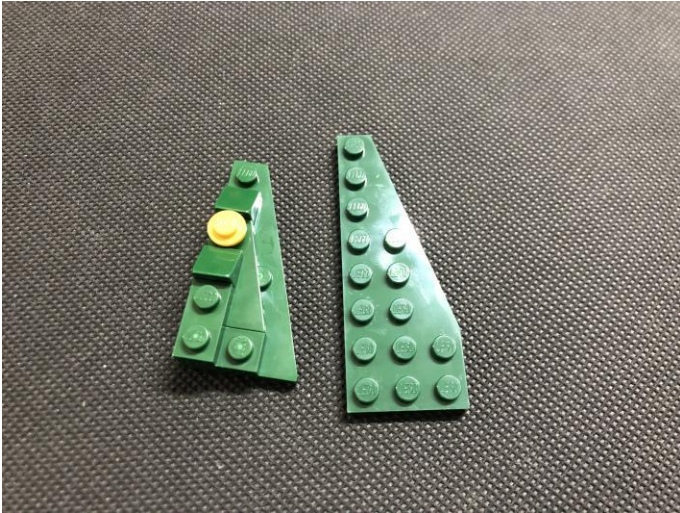
5.Take 2 red flashing 30cm dot lights, 2 trans red 1x1 pieces.

6.With lighting part facing up, secure the light with the trans red 1x1 piece
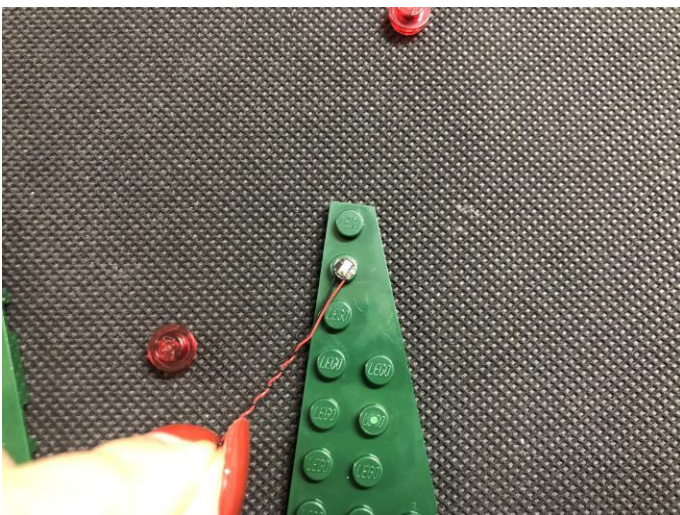
**7.**Place the cable as per below, reconnect the leave piece we removed before to secure the cable of the light.
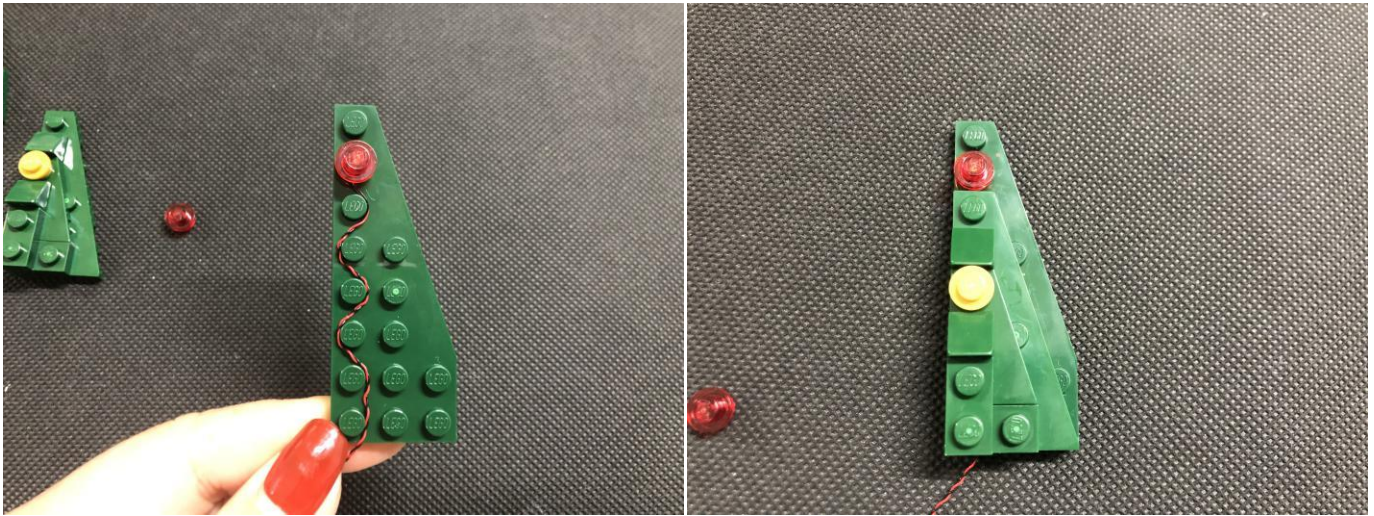
8.Similarly, with lighting part facing up, secure the light with the 1x1 trans red piece.
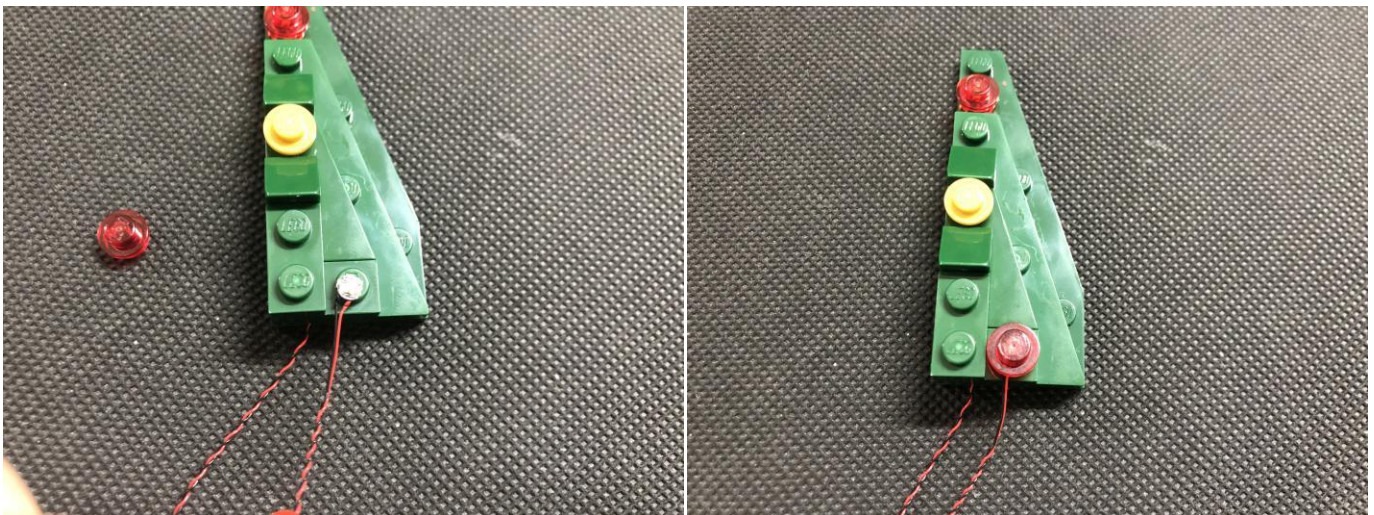
9.Take 2 red flashing 30cm dot lights, 2 trans red 1x1 pieces, repeat the steps above to install lights for another leave.
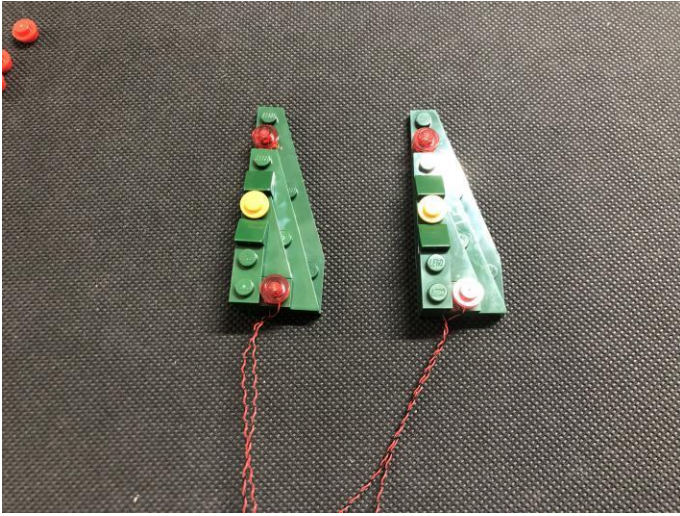
10
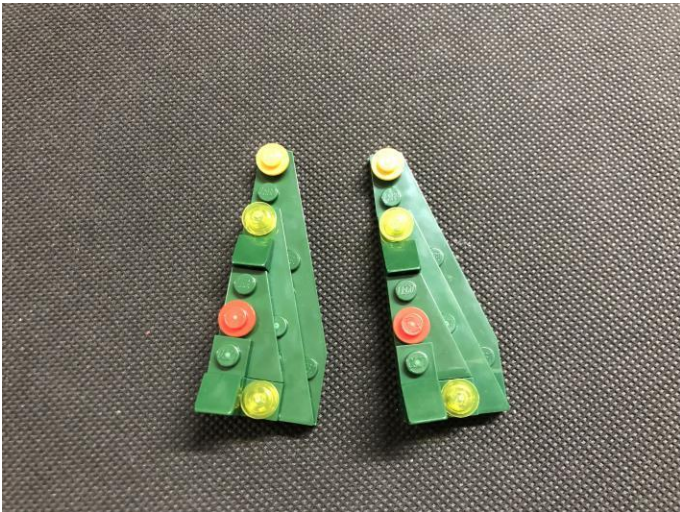
11. Take 2 white flashing 30cm dot lights.

12. **With lighting part facing up, secure the light with the trans yellow piece.**
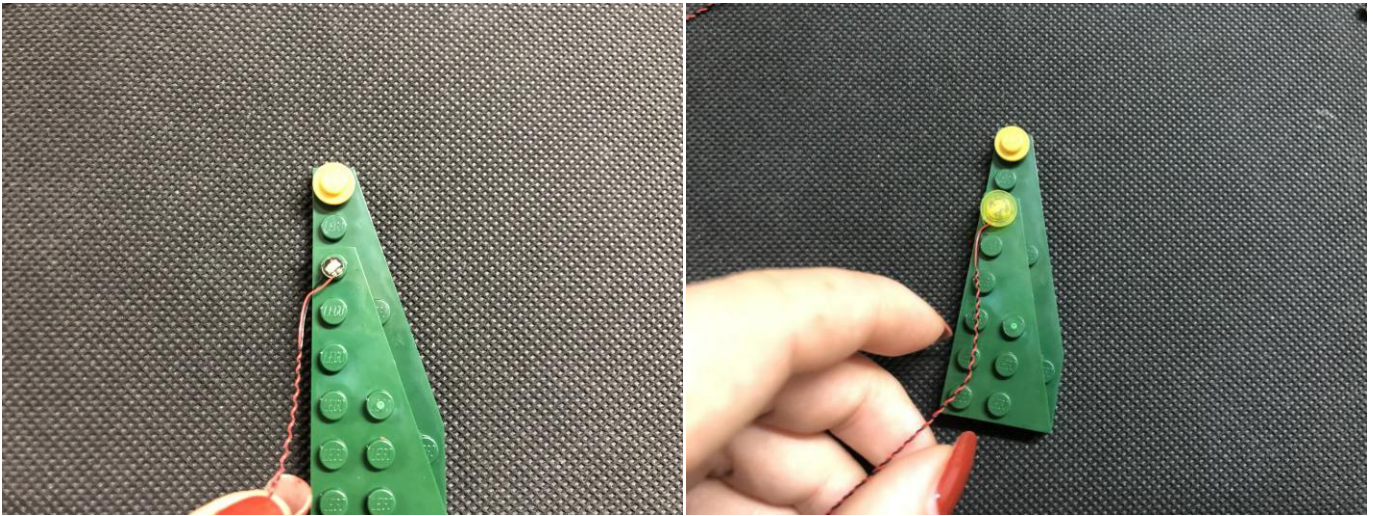
13. **Place the cable as per below, reconnect the piece we removed.**

14. **Also, with lighting part facing up, secure the light with the trans yellow piece.**

15. Take 2 white flashing 30cm dot lights, repeat the steps above to install lights for another leave.

16. Reconnect the 4 pieces of leaves back to the trunk.
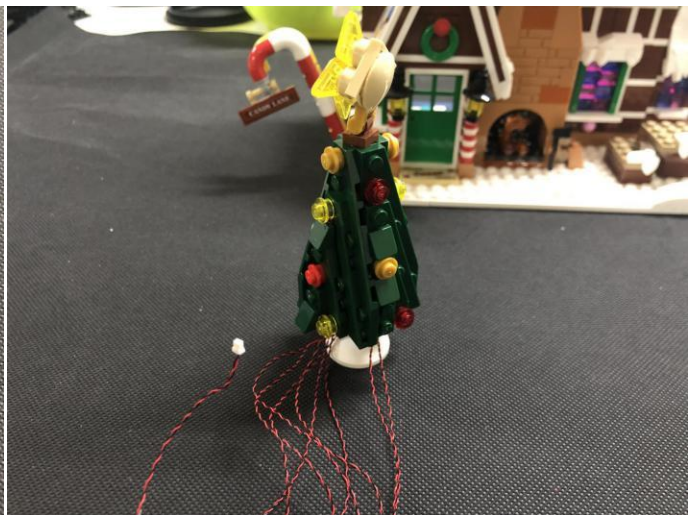
17. Group the cables together as per below.

18. Continue to install lights for the house, begin with the lamps at the front of the door.

19. Remove the second floor and the roof above the door.

20
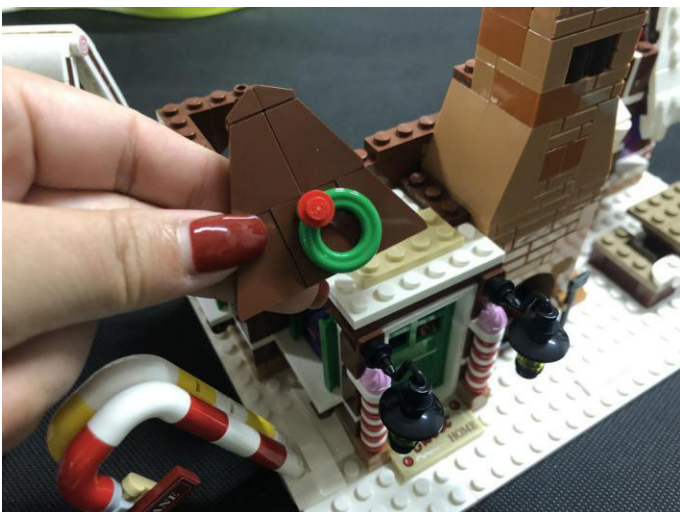
21. Remove the 2 lamps, disassemble one of them as per below.

22. Take a warm white 15cm dot light, thread the light through the trans yellow lampshade.
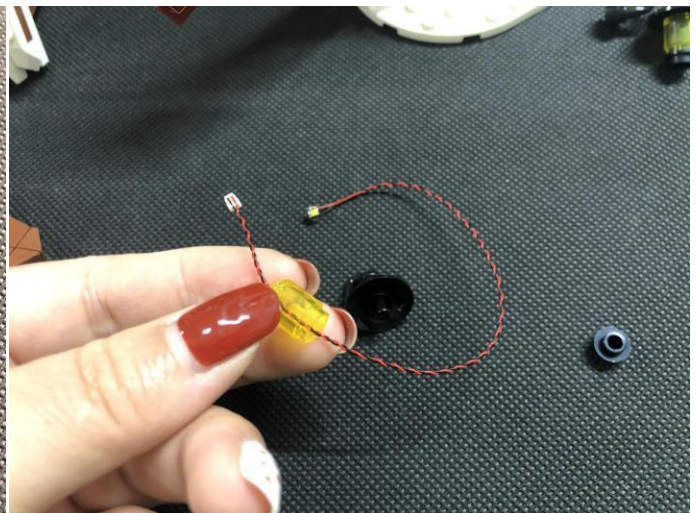
23. Pull the cable out, reconnect the lamp.
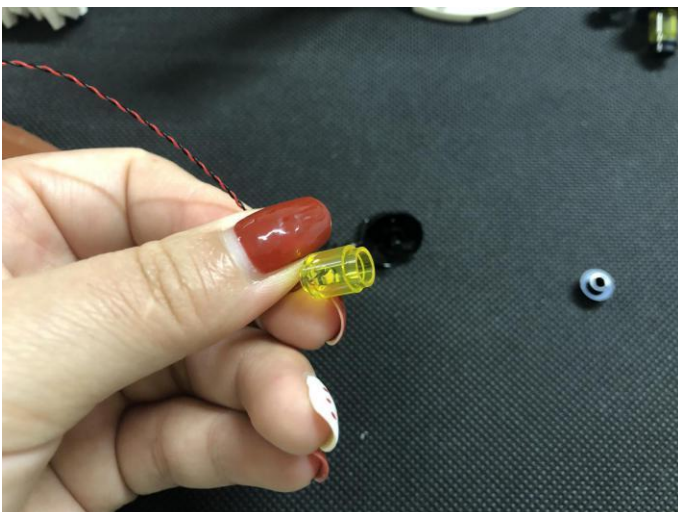
24.Wind the cable twice before reconnecting the lamp.
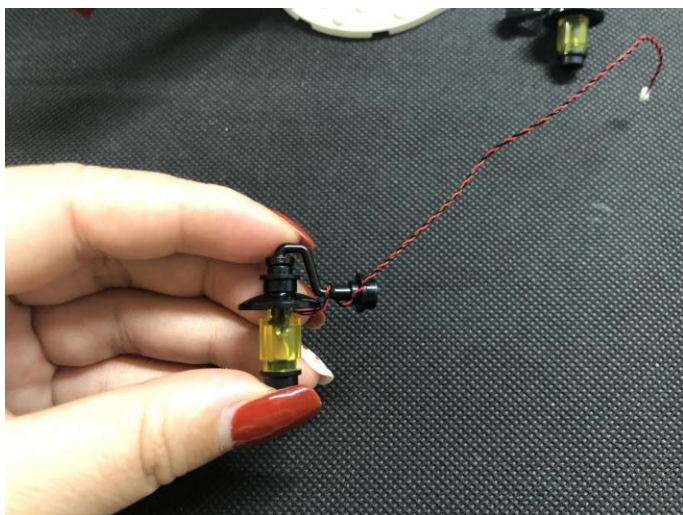
25.Take another warm white 15cm dot light, repeat the previous steps to install the other lamp.
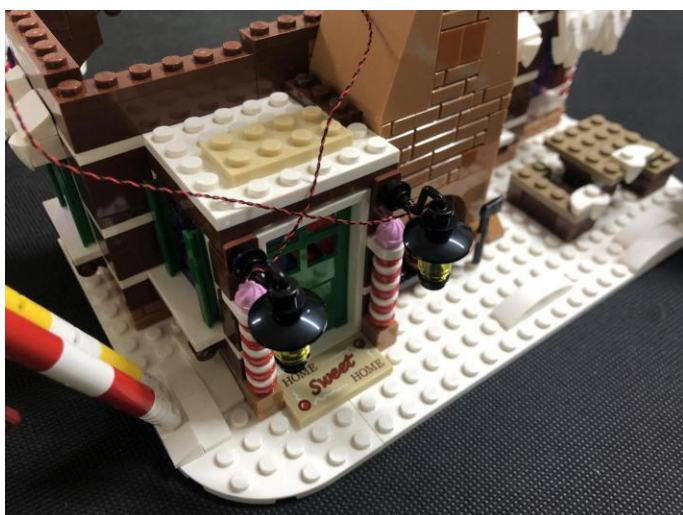
26.Lift the floor as per below, thread the cable through the gap to the inside.

27

28. Close up the gap, reconnect the roof.

29. Take a 15cm light, a trans round 2x2 plate.

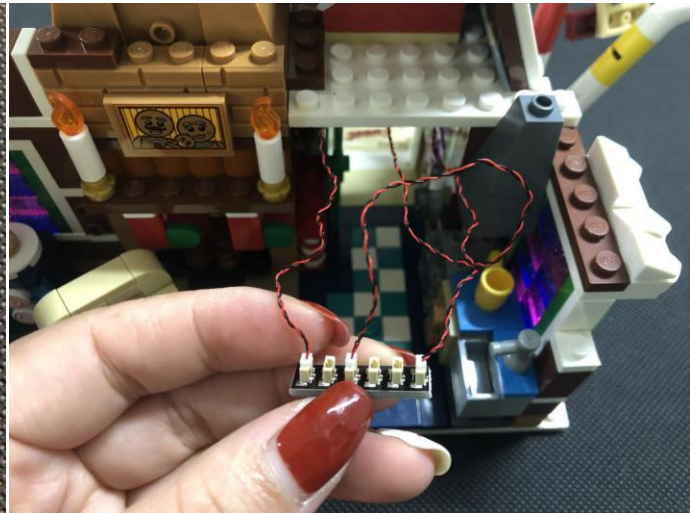**30.**Turn the house to its side, connect the light to the ceiling of the kitchen with the trans piece.
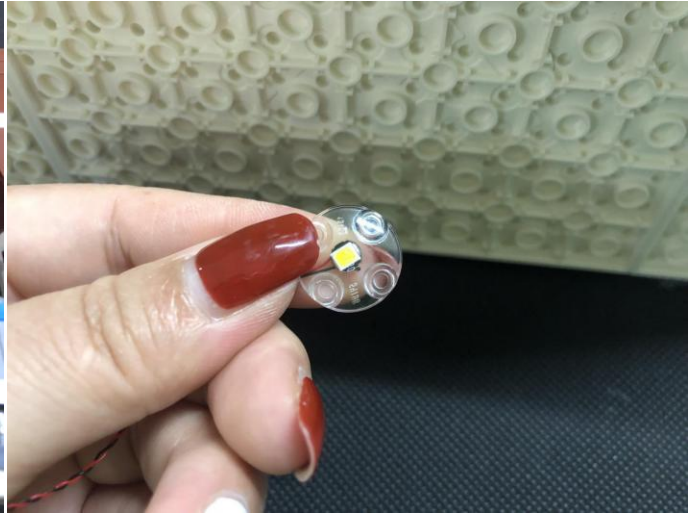
31
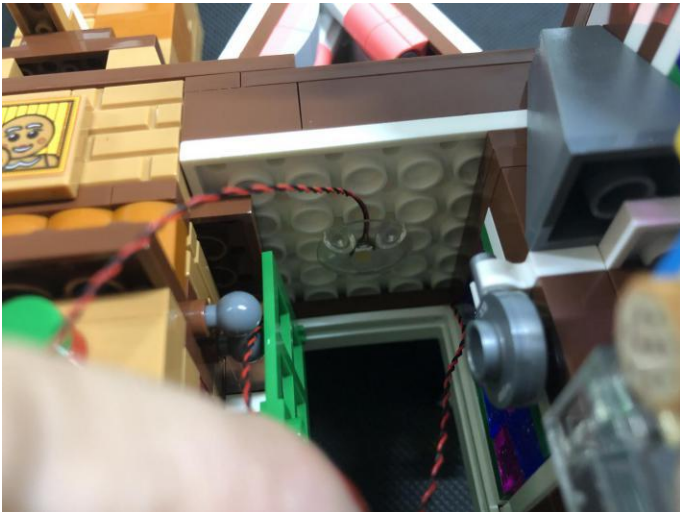
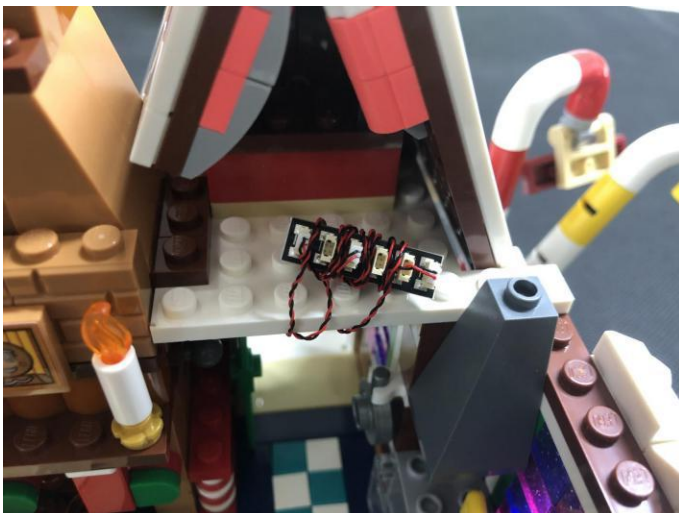

32. Remove the beams as per below.

33. Take a 6-port expansion board, connect the 3 cables to it.

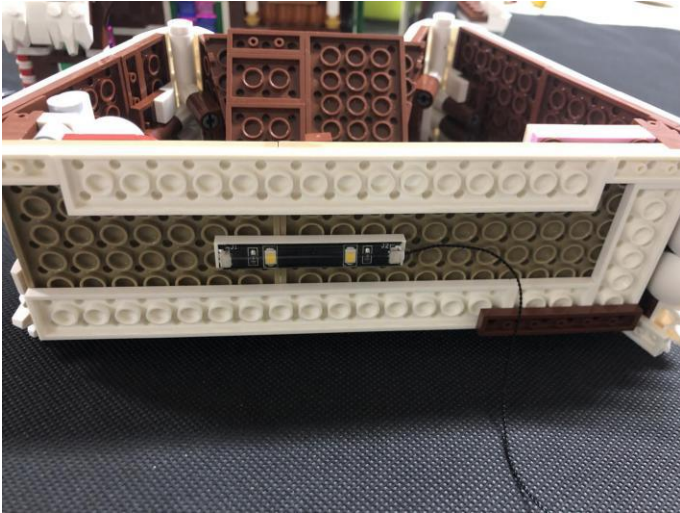**34.** Tuck excess cables, stick the expansion board to the following place with the adhesive square.

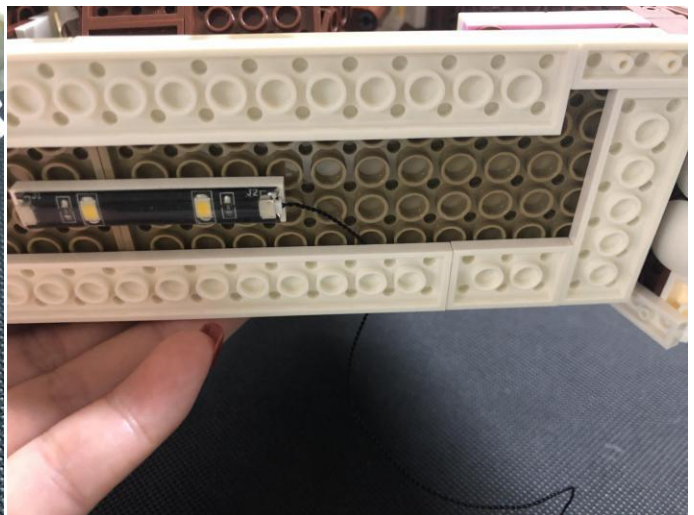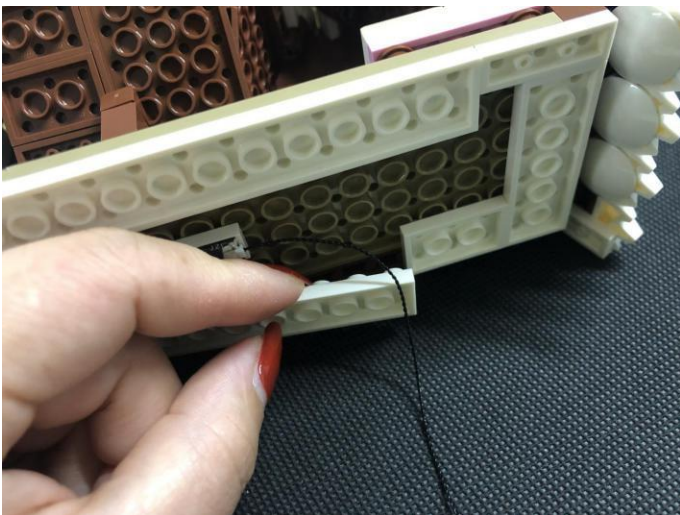**35.**Take a warm white strip light, a 15cm connecting cable, a 1x6 white plate.

36. Connect the connecting cable to the strip light, stick the strip light to the plate.

37.Connect the strip light to the ceiling of the living room

38.Lift the white plate next to it to allow the cable thread through, reconnect the white plate.

39. Connect the connecting cable to the expansion board
Reconnect the beams.

40. Continue to install light for the left window.

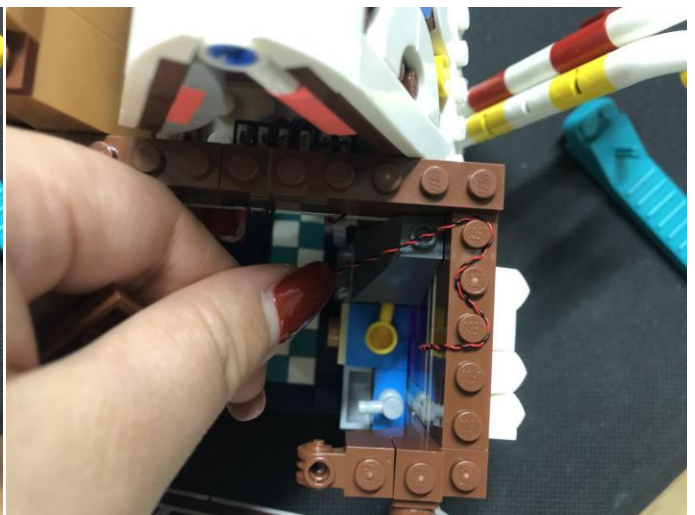**41.**Take a warm white 15cm dot light, lift the white piece above the window as per below.

42. Thread the cable through the gap to the onside, close the gap, make sure the head of the light is at the outside.
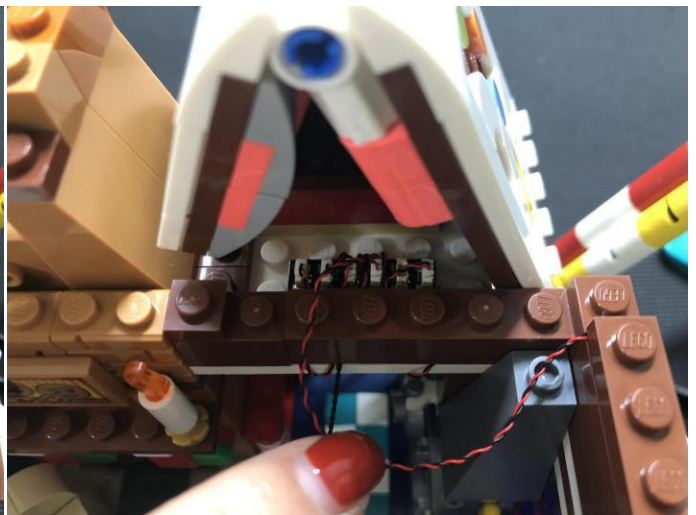

43

44. Remove the following brown 1x6 plate, place the cable as per below.

45.Reconnect the 1x6 brown piece.

46.Remove the following piece, connect the cable of the light to the expansion board.
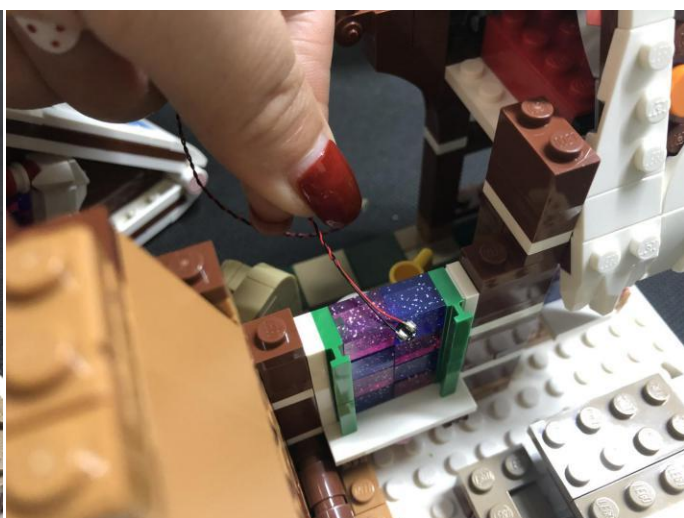

47.Reconnect the pieces we removed.

48.Move onto installing light for the right window.

49.Take a warm white 15cm dot light.

50.Remove the window hood, place the light as per below.

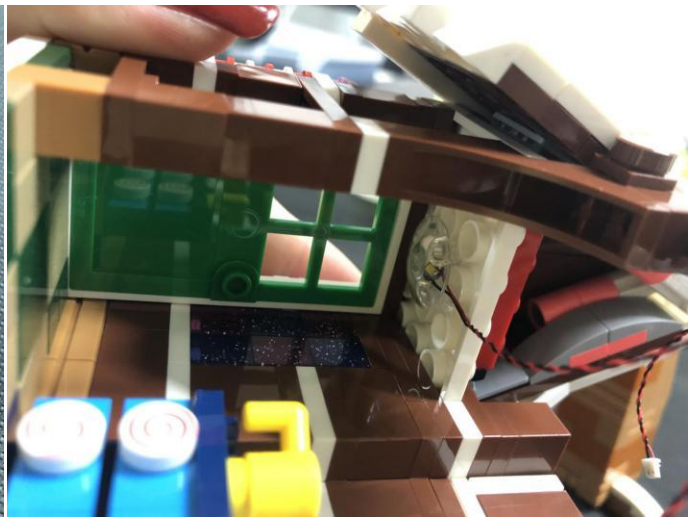**51.**Reconnect the window hood, leave the light outside, thread the cable to the inside.

52. Now, we'll install lights for the corridor.

53. Take a warm white 15cm dot light, a trans round 2x2 plate.

54. Place the light at the center of the 2x2 trans round piece, and connect the light to the roof of the corridor as per below.

55. Take a 6-port expansion board, connect the cables of the 2 lights to it.

56. Tuck excess cables stick the expansion board to the following place with adhesive square.

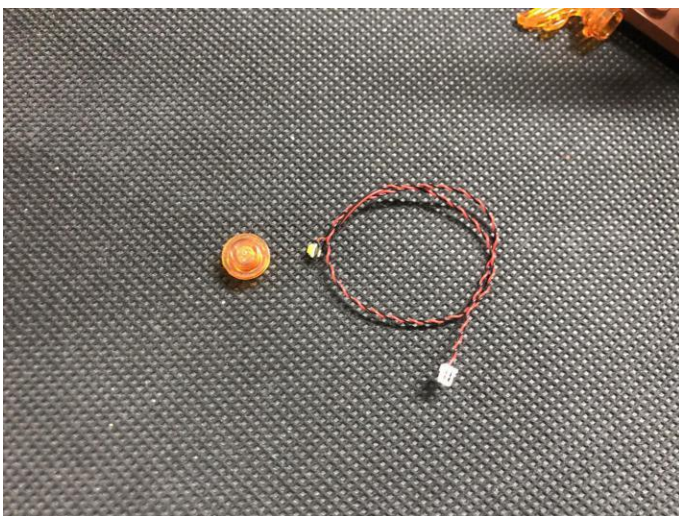**57.**And we'll install lights for the stove. Remove the sofa, the socks.
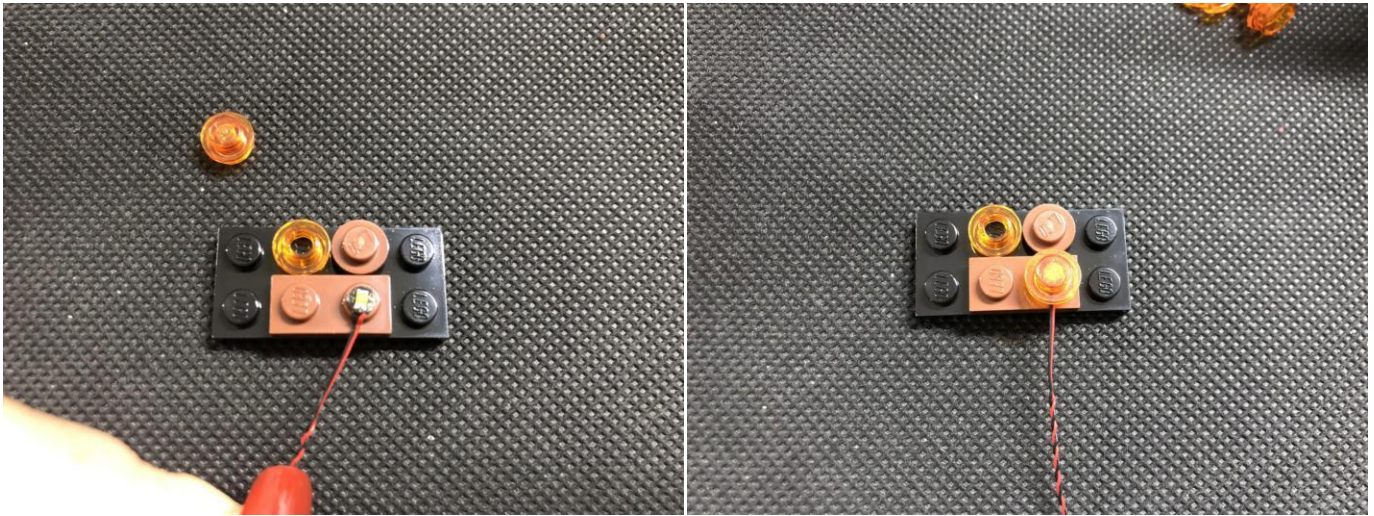

58

59. Disconnect the chimney and the fire
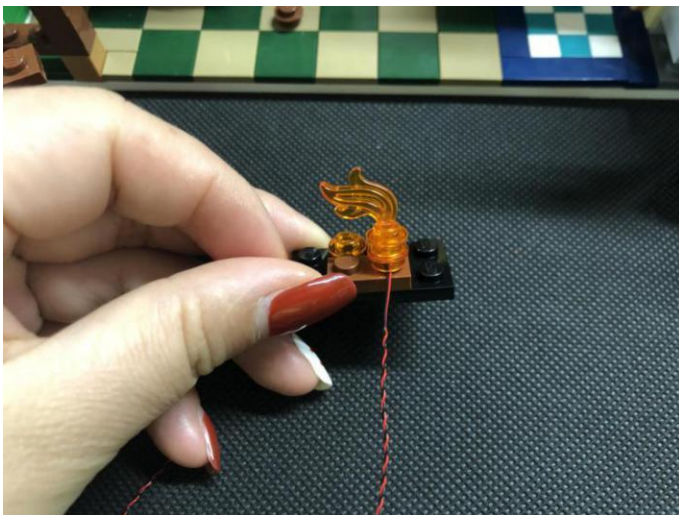

60. Disconnect one of the flame pieces.

61. Take a warm white 15cm dot light, a trans orange 1x1 piece.

62. Place the light to the following place, secure the light with the trans orange piece, reconnect the flame.

63

64. Reconnect the fire and the black wall as per below.

65. Take a warm white 15cm dot light, a trans orange 1x1 piece, repeat the steps above to install light for the fire inside the house.

66. Take the Flicker Effects Board, connect the cables of the fire lights to it.

67. Remove the cabinet, place the cables alongside the wall as per below, reconnect the cabinet to secure the cable.

68

69. Take a 5cm connecting cable, connect it to the Flicker Effects Board.

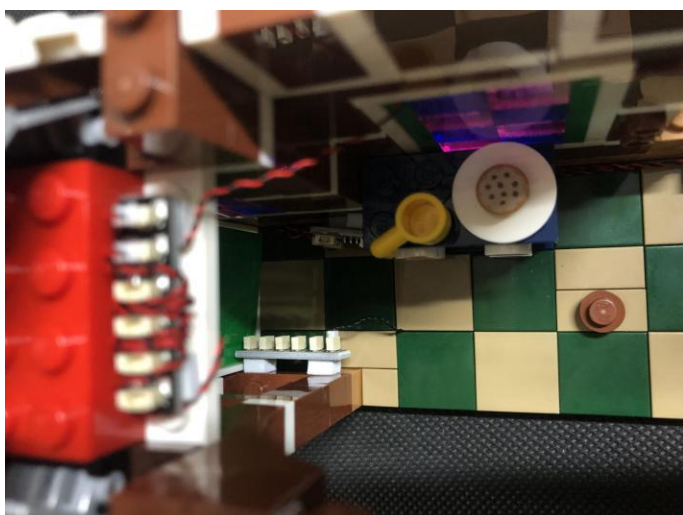**70.**Stick the Flicker Effects Board to the wall with the adhesive square.

71. Remove the following pieces to hide the **connecting** cable underneath.

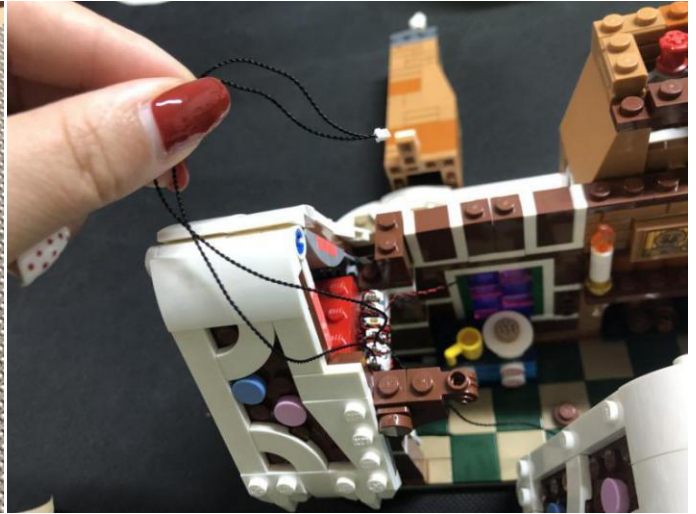**72.** Take a 6-port expansion board, connect the cable from the Flicker Effects Board to it.

73. Stick the expansion board to the wall at the back of the door.

74. Reconnect the chimney, sofa and the socks.

75. Take two 15cm connecting cables, connect them to the following expansion board.

76. Connect one of them to the expansion board behind the door.

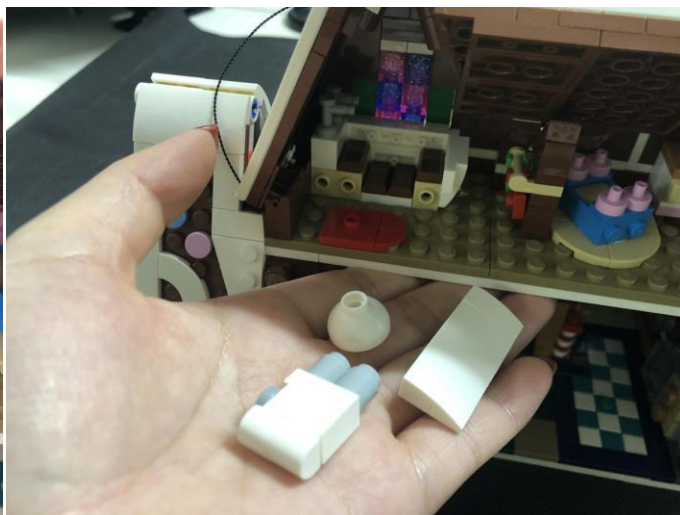**77.** Take a 15cm connecting cable, connect it to the following strip light.

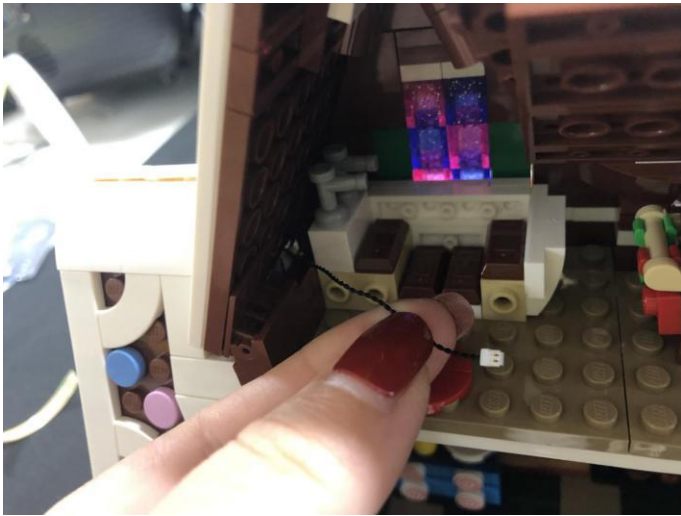# 78.Connect the other end of the connecting cable to the expansion board next to the 2x4 red brick.

79.Reconnect the second roof.

80.Disconnect the following pieces.

81. Thread the following cable from the expansion board to the inside of the second floor.

82. Reconnect the pieces.

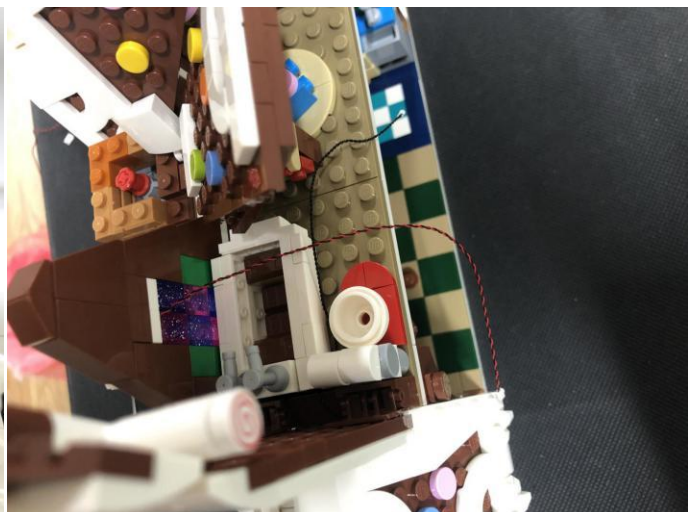# 83. Move onto installing light for the bathroom, open the roof.

84.Disconnect the window hood.

85.Take a warm white 15cm dot light, place the light to the following window.
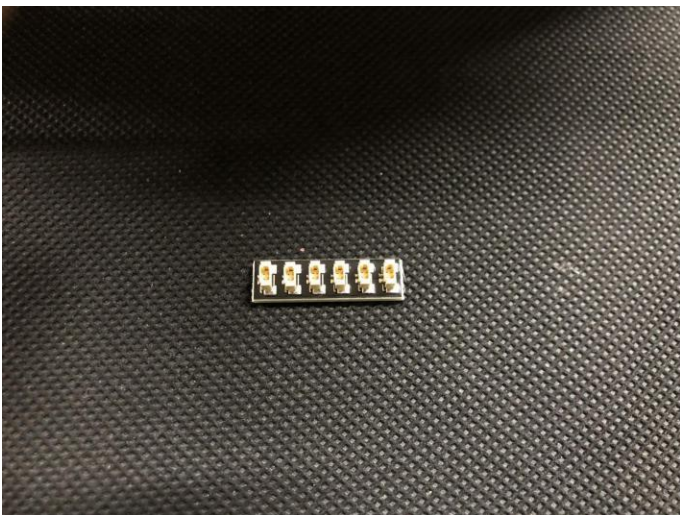

86.With the light facing outside, thread the cable inside the room, then, reconnect the window hood.

87. Close the roof, remove the following tiles.

88. Take a 6-port expansion board, connect the cables of the lights from the window and the house to it.

89. Tuck excess cables, stick the expansion board to the following place.

90. Remove the roof of the bedroom.

91. Take a warm white 15cm dot light, remove the window hood, place the light to the following place.

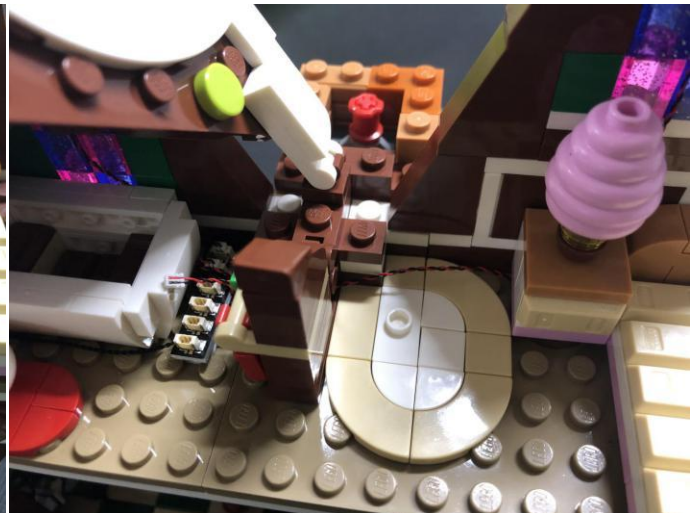**92.**Make sure the light is facing outside and the cable is inside before reconnecting the window hood.

93. Remove the bedside table to hide and secure the cable as per below.

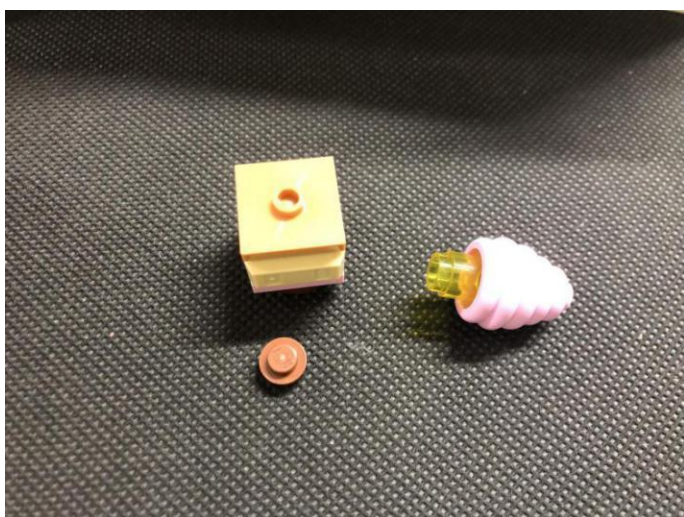**94.**Remove the cot, thread the cable through the following space, connect the cable to the expansion board.

95

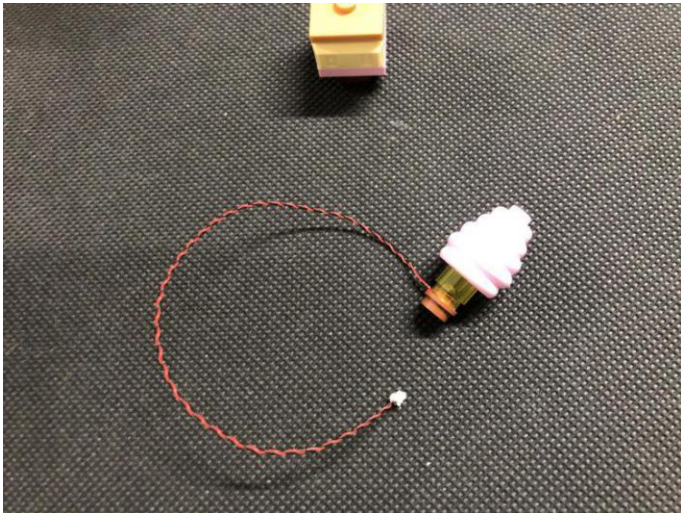# 96.Continue to install the bedside lamp, remove the bedside and disconnect the lamp.

97

98.Take a warm white 15cm dot light, place the light on the 1x1 brown piece.

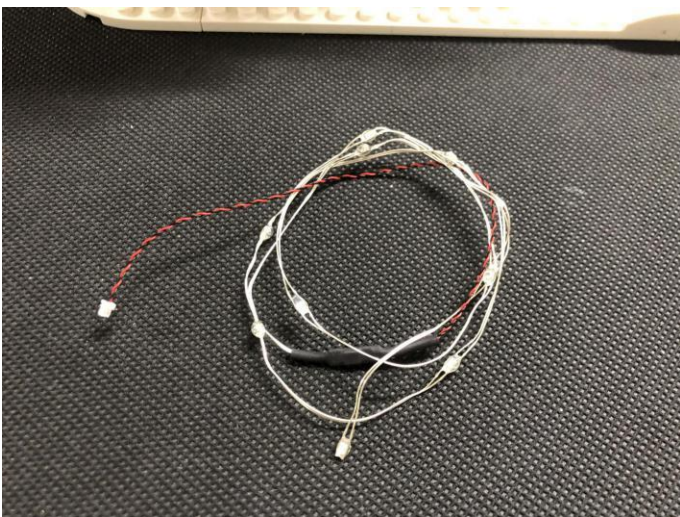# 99.Reconnect the lampshade.

100.Reconnect the bedside table.

101.Remove the cot, thread the cable through the space on the wall.

102. Connect the cable to the expansion board, reconnect the roof.

103. Take a Multi Colour Light String.

104. Secure the Multi Colour Light String with the following white piece.

105.Place the Multi Colour Light String as per below.

106

107

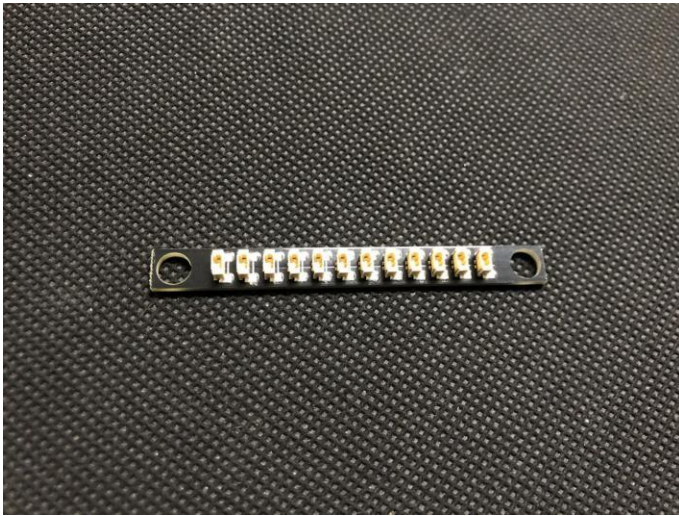**108.**Remove the roof, connect the Multi Colour Light String to the expansion board.

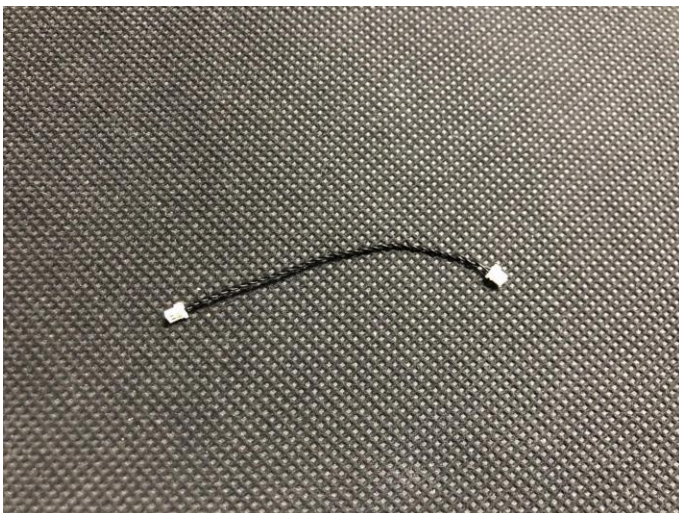**109.**Disconnect the following white piece to secure the light string.

110. Tuck excess cable, reconnect the roof.

# 111.Take a 12-port expansion board, connect the cables from the Christmas tree to it.

112.Take a 5cm connecting cable, connect it to the 12-port expansion board.

113. Connect the other end of the cable to the 6-port expansion board behind the door, stick the 12-port expansion board to the following place with the adhesive squares.

114. Take the USB cable, connect it to the 12-port expansion board.
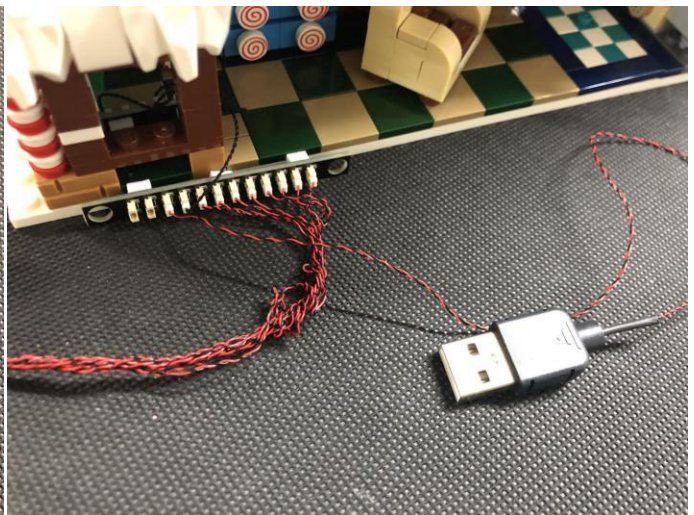
Good job, you've done all the installation steps, power it up and enjoy your work.