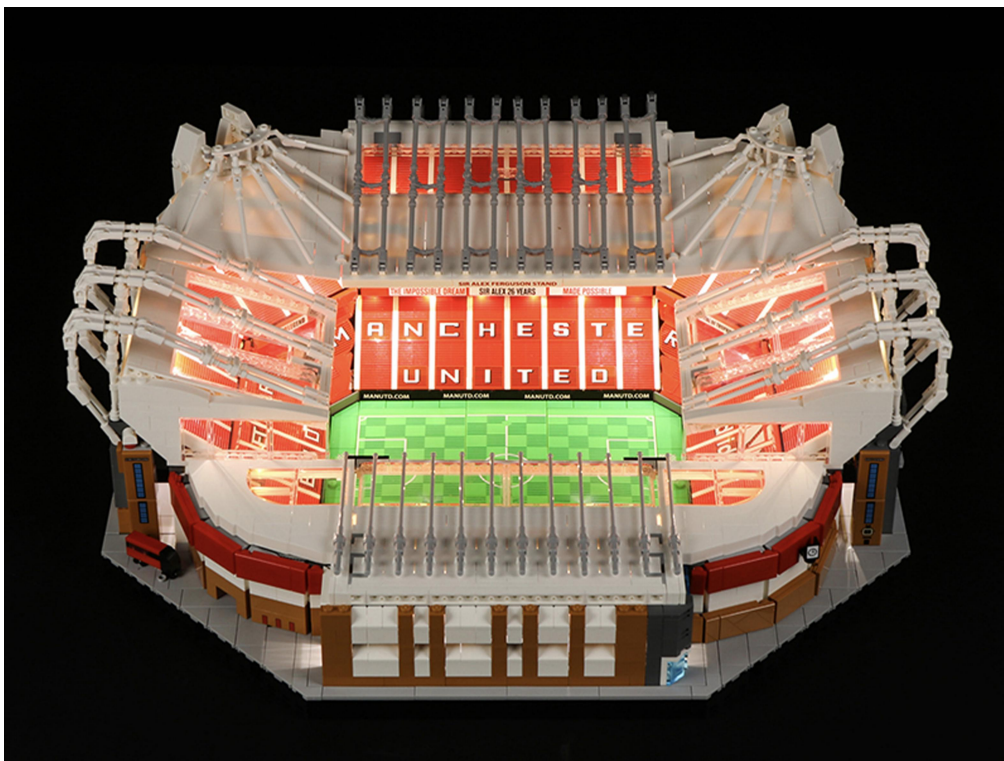


10272 Old Trafford - Manchester United P153

- P153 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 “10272 P153”.
- 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
Bit Lights-15CM-Warm White	Bit Lights-15CM-Warm White	30
LED Strip Lights-Warm White	LED Strip Lights-Warm White	12
Expansion Board	6 Socket Expansion Board	1
	8 Socket Expansion Board	6
USB Power Cable	USB Power Cable-30CM	1
Connecting Cables-5CM	Connecting Cables-5CM	5
Connecting Cables-15CM	Connecting Cables-15CM	10
Connecting Cables-30CM	Connecting Cables-30CM	3
Parts package		

Please contact us immediately if there have any missing components.

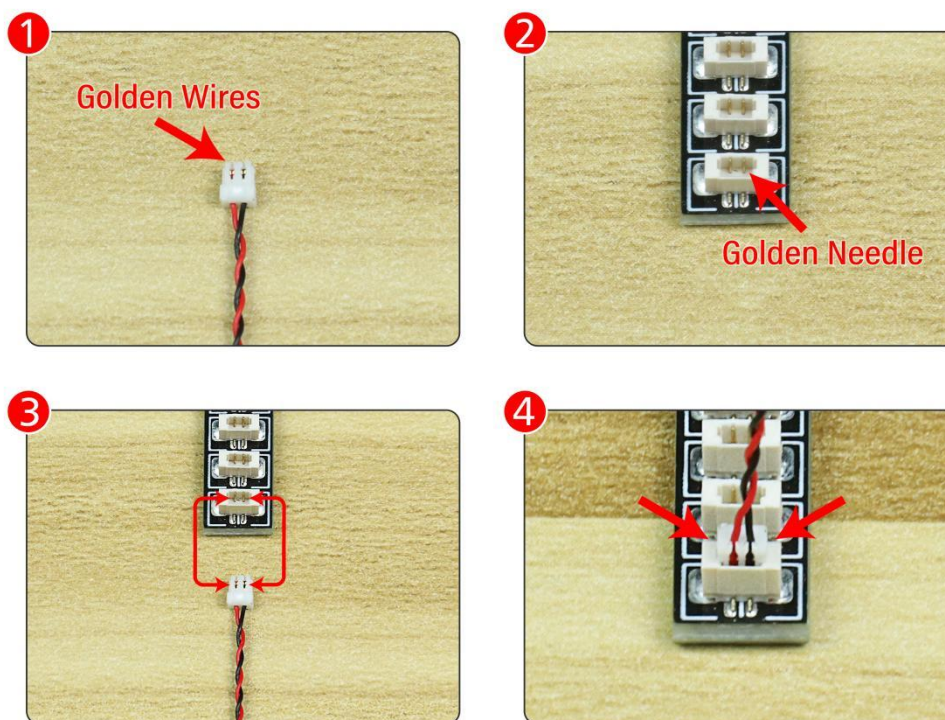
Section B: Test that each components is working properly.

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



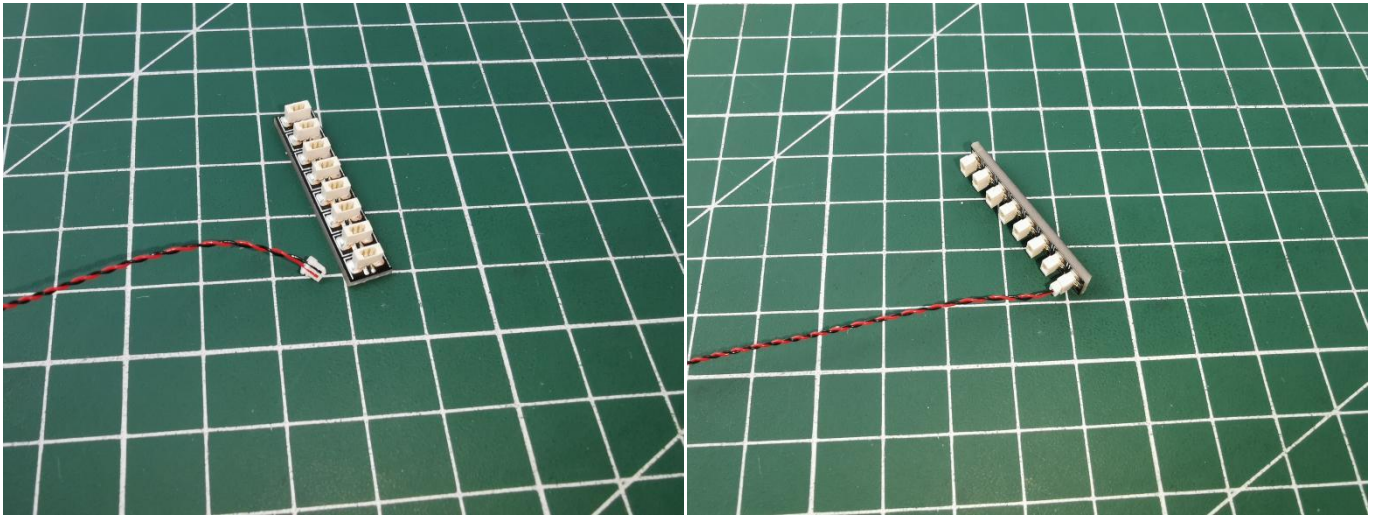
It is worth reminding that our products are all customized. They have a unique way of connecting. The white plug on wire and the socket of the expansion board need to be connected together to transmit power.

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.



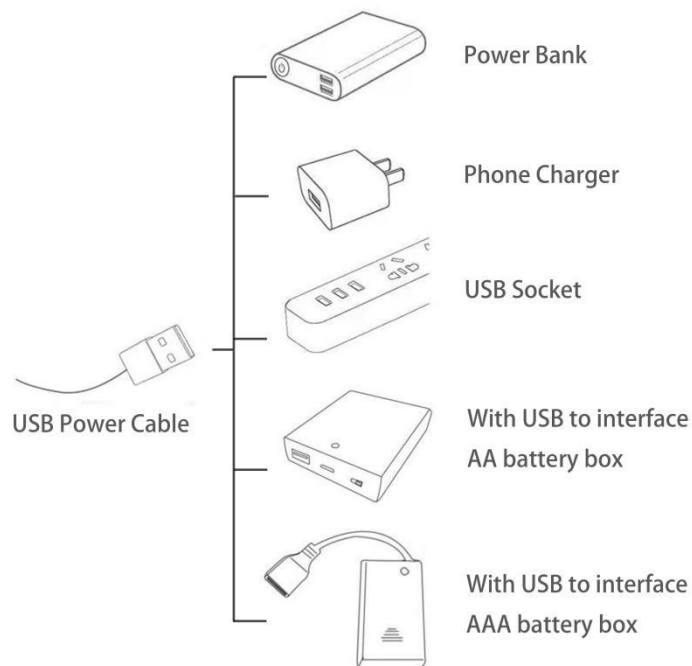
All our connections between plug and socket are all the same as shown above. So for any such structure with plug and socket, please pay attention to the golden wire of the plug and the golden needle of the socket, they must be touched together.

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.

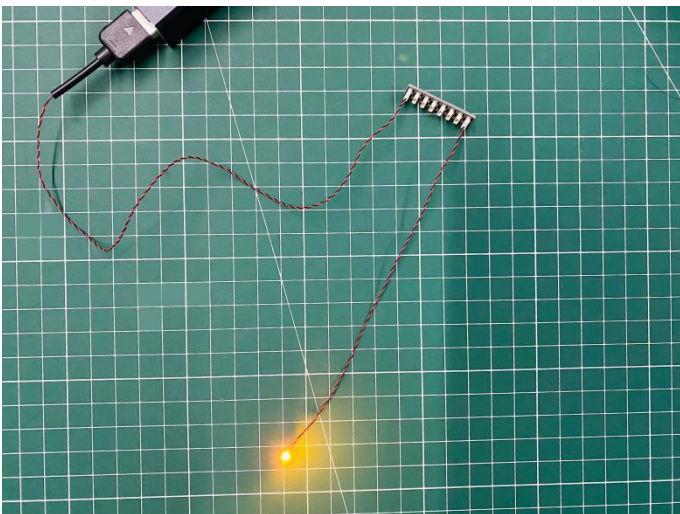
USB connectors to connect devices



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-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.

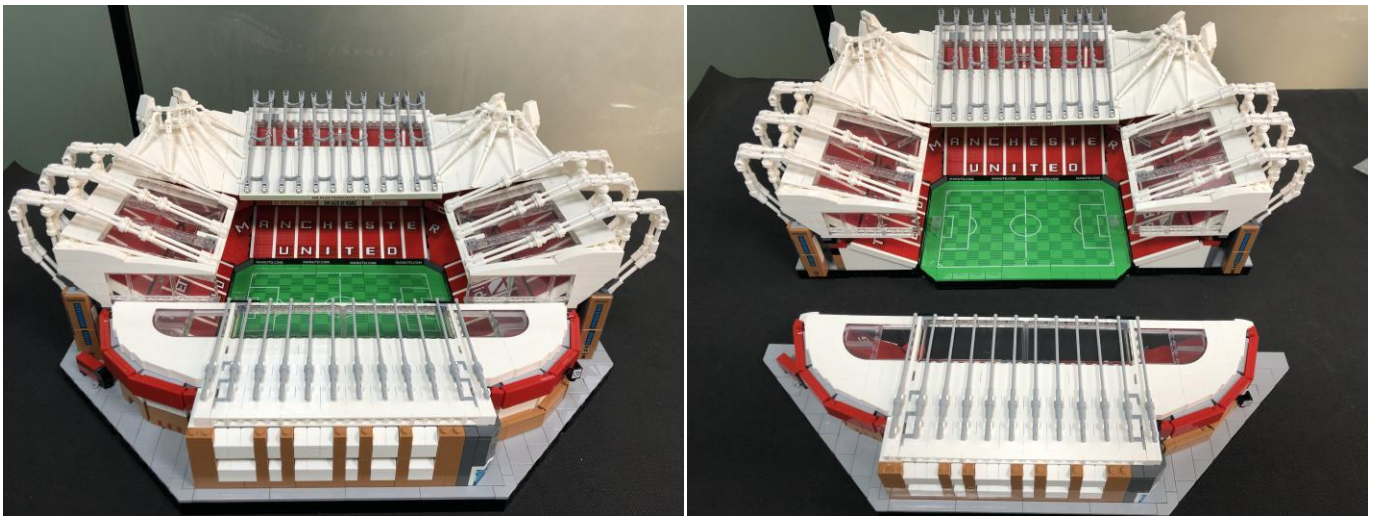


The components needs to be tested in this set is 29*Bit Lights-15CM-Warm White,12*LED Strip Lights-Warm White.

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

Section C: laying out components following the instruction.

1



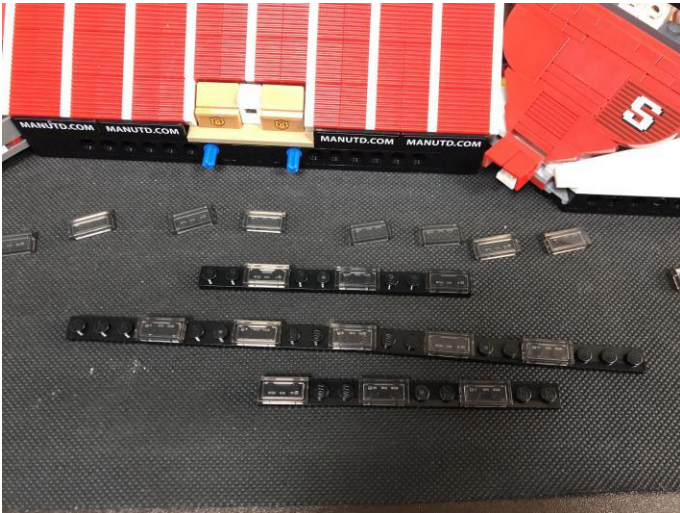
2. Remove the top cover of the stand, as shown below.



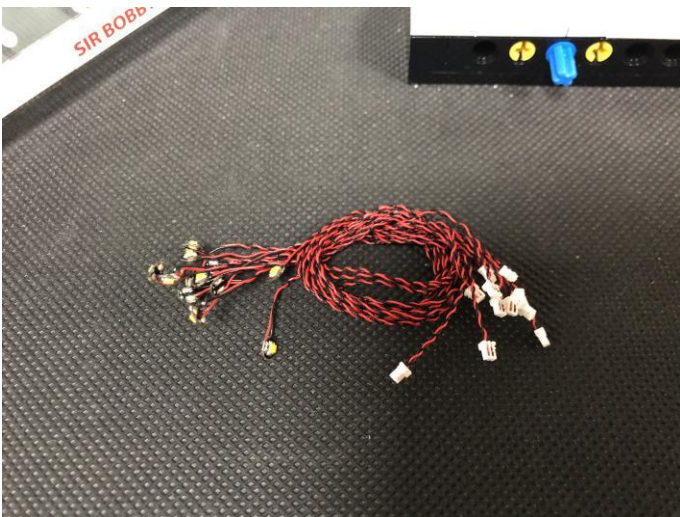
3. Remove the transparent panel behind the stands, as shown below.



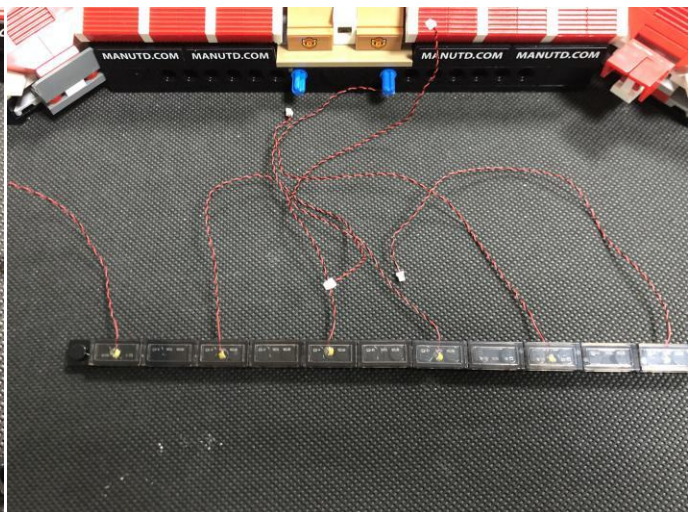
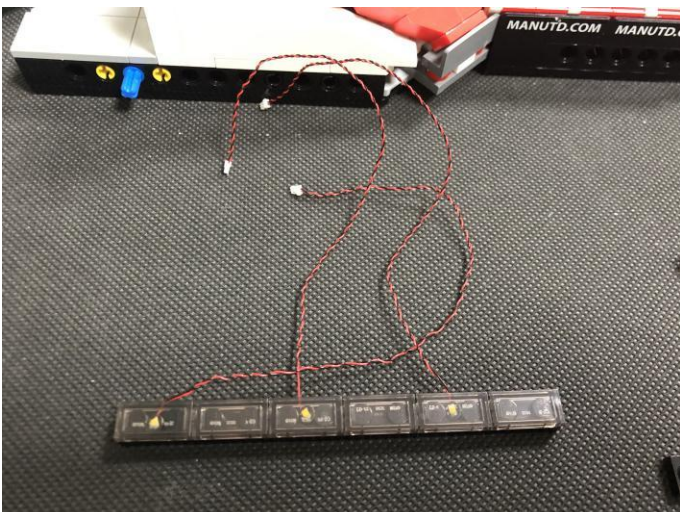
4. Remove the 1x2 transparent plate.



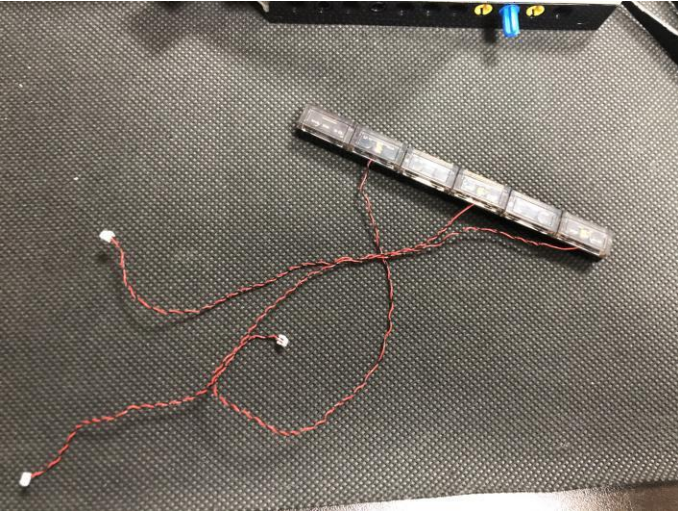
5. Take 12 pieces of 15cm warm white dot lights.



6. Install the rest according to the above method, as shown in the figure below.



7



8. Remove the middle seat and restore the transparent parts after the seat, as shown below:



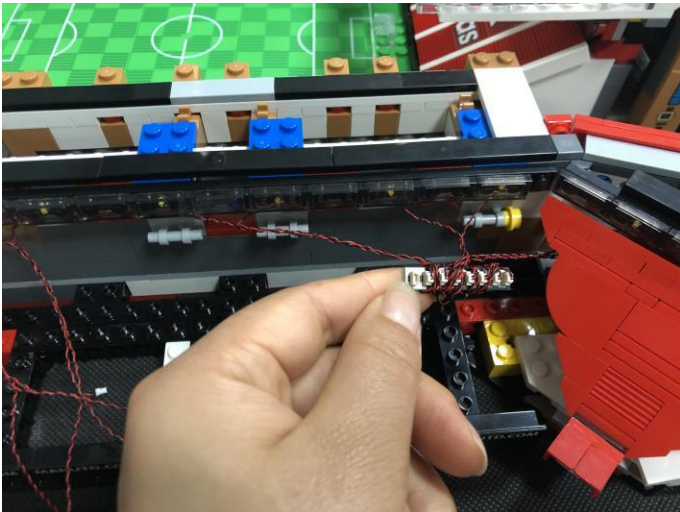
9



10.Take two 8-port expansion board.



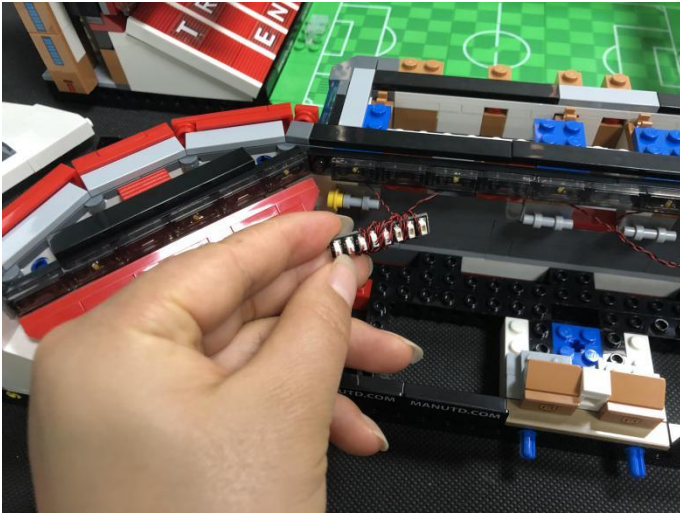
11.Connect the 7 light cables on the right to one of the expansion board, as shown below.



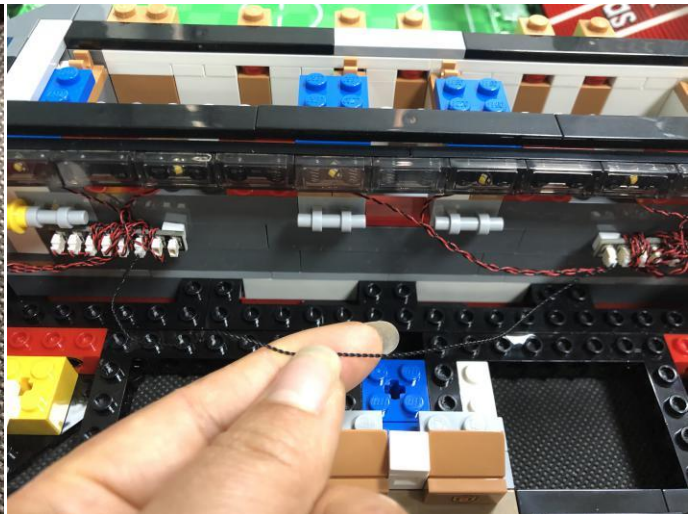
12.Use adhesive square to stick the expansion board at the position shown below.



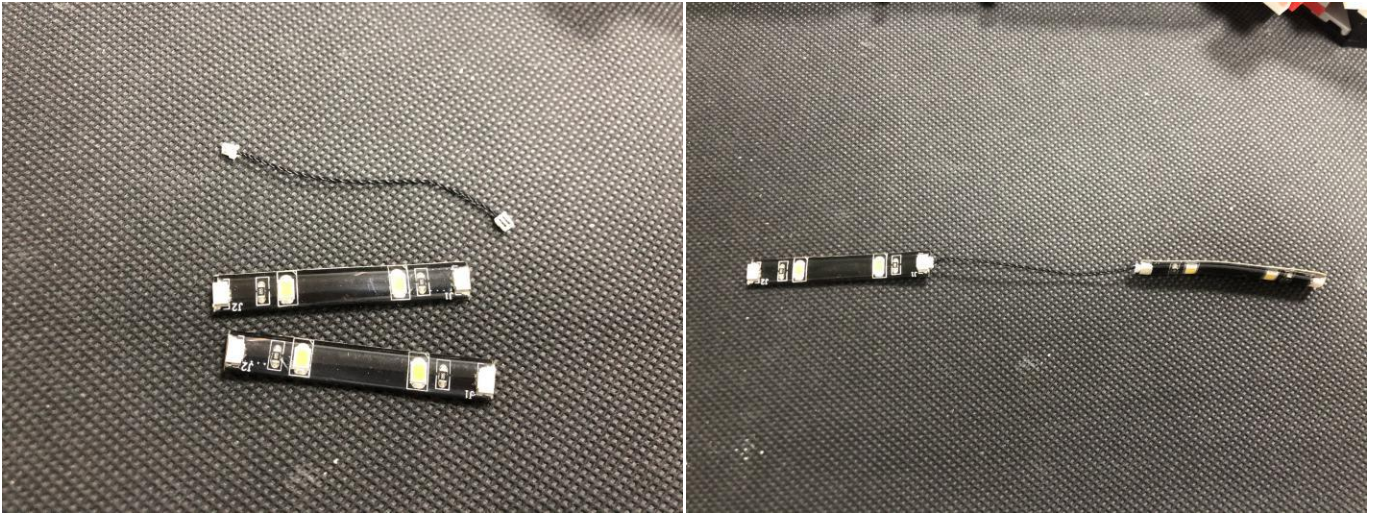
13.Then connect the remaining 5 light cables on the left to another new expansion board, and stick the board to the wall with adhesive square, as shown in the figure below.



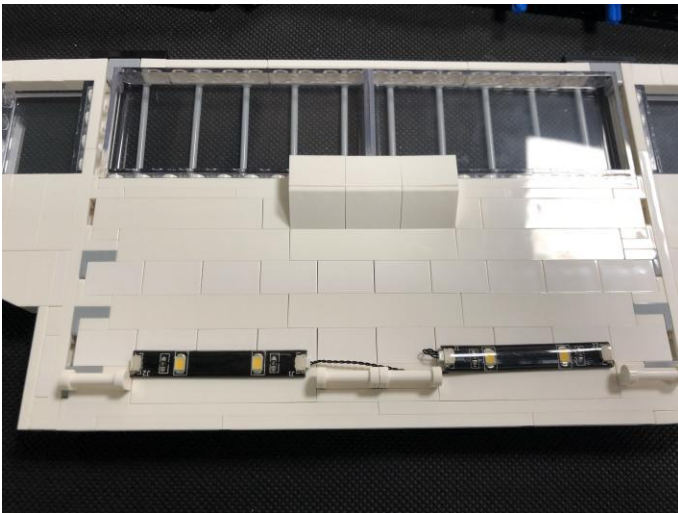
14.Take a 15cm connecting cable and connect the two expansion board with the connecting cable, as shown in the figure below:



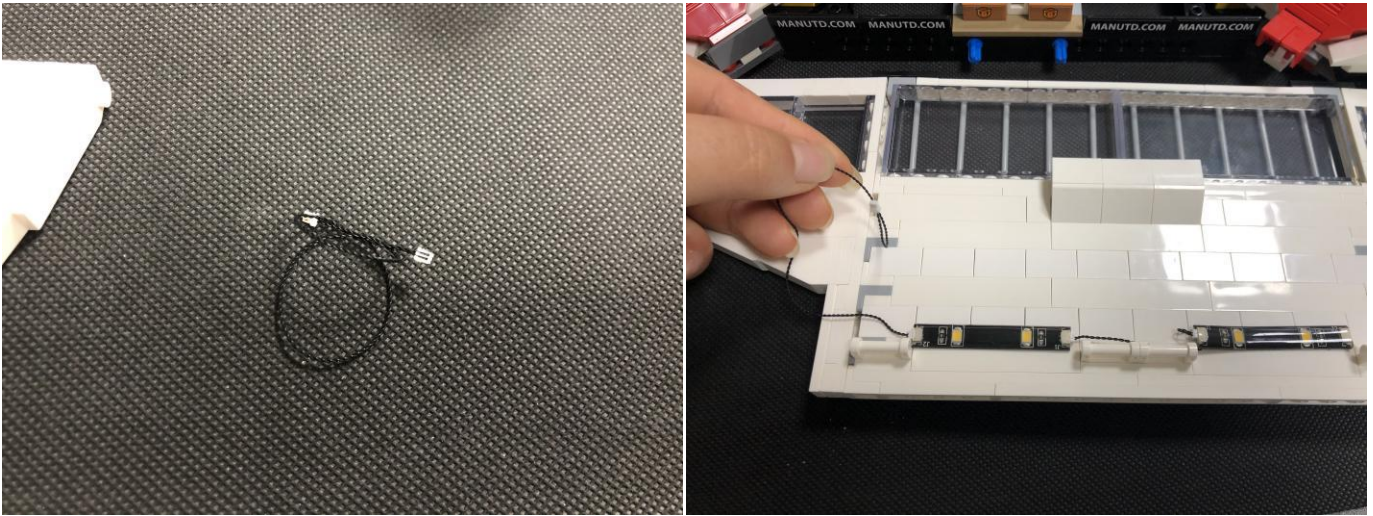
15.Take 2 warm white strip lights and a 5cm connecting cable. Connect the two strip lights with the connecting cable, as shown in the figure below.



16.Stick the strip light on the top cover.



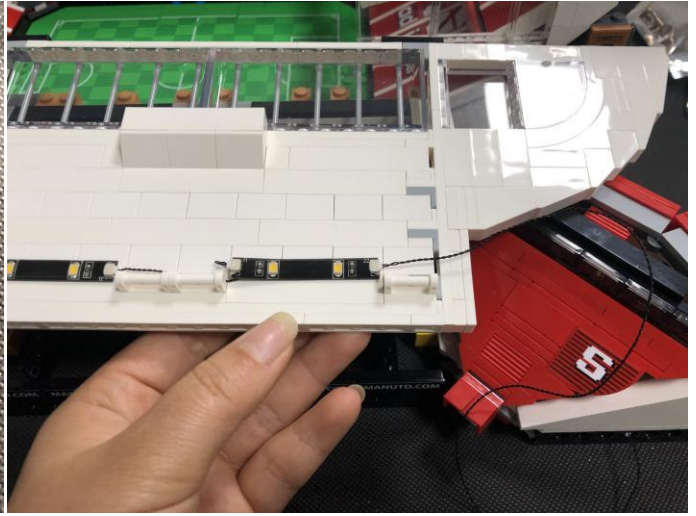
17. Take a 15cm connecting cable and connect the cable to the left strip light, as shown below.



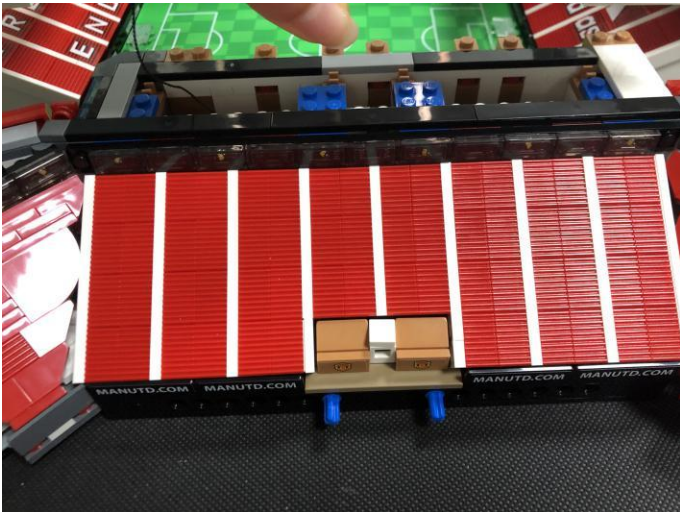
18. The connecting cable passes through the gap, leads to the expansion board position, and then connects the connecting cable to the free position of the expansion board, as shown in the figure below:



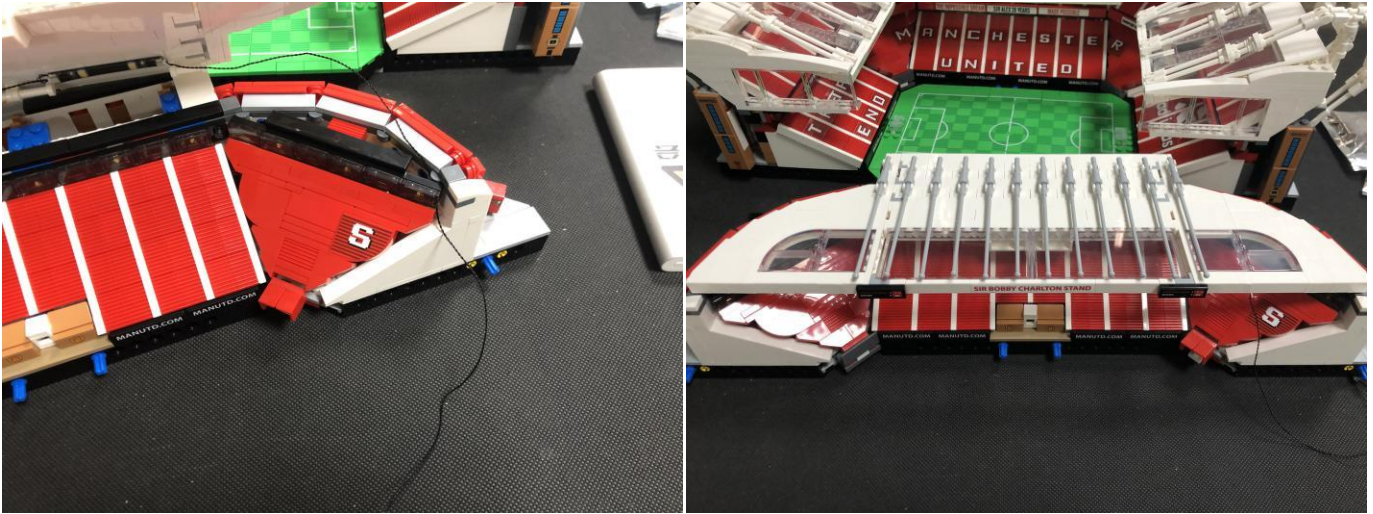
19. Take a 30cm connecting cable and connect the cable to the right strip light, as shown below:



20. Restore the middle seat as shown below.



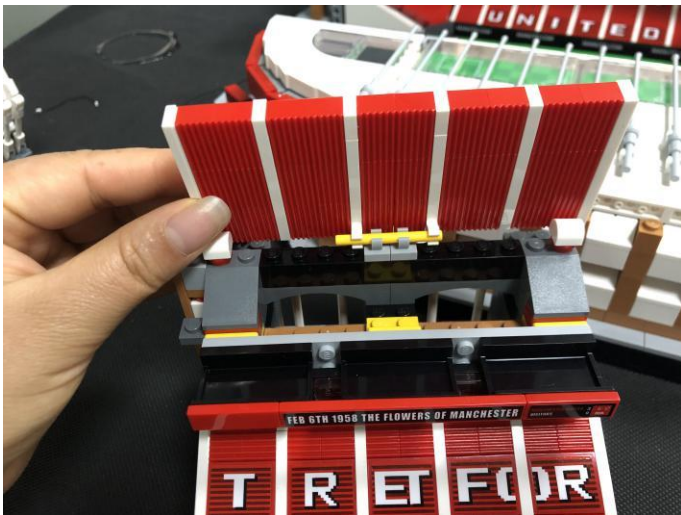
21. Pass the 30cm connecting cable on the right light bar through the small auditorium on the right and restore the top cover, as shown in the figure below.



22. Now install the left auditorium and remove the top cover as shown below.



23.Open the second floor seat section, as shown below.



24.Remove the part below.



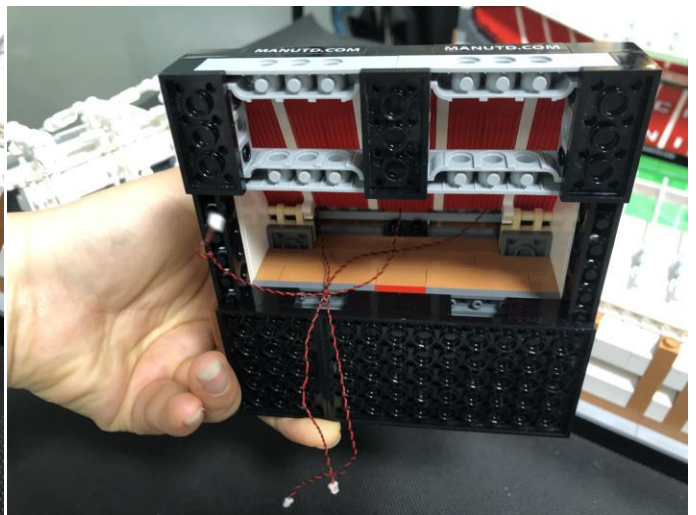
25.Take 3 pieces of 15cm warm white dot lights with the dot facing up, and fix the dot lights with the removed 1x2 transparent plate, as shown in the figure below.



26



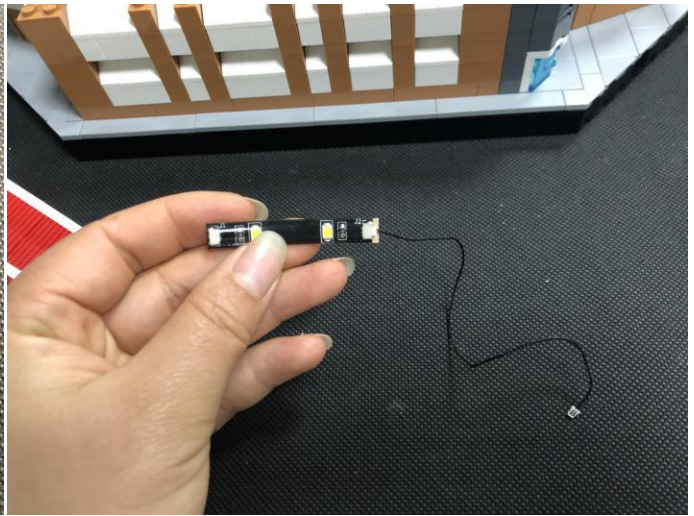
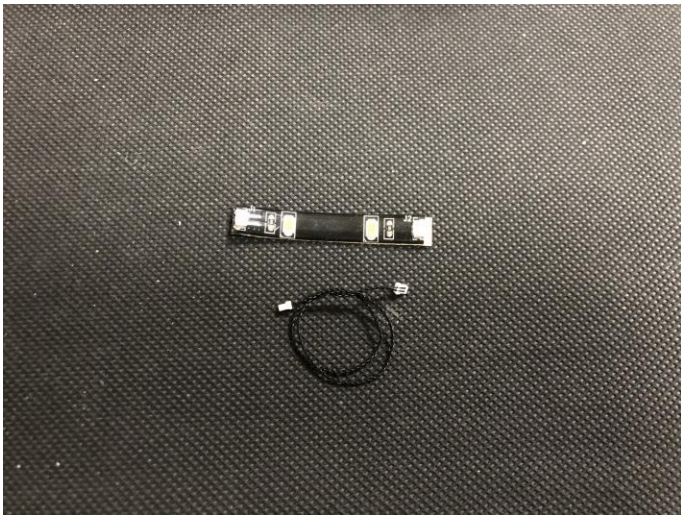
27. The light cables leads to the bottom then restore it , as shown below.



28



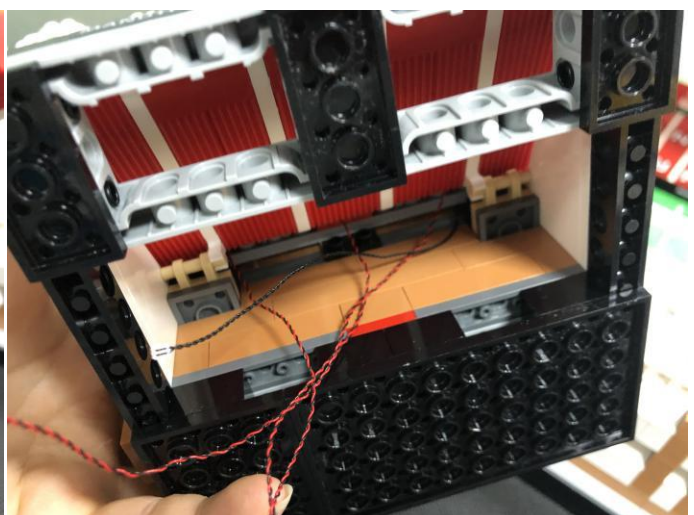
29.Take a warm white strip light and a 15cm connecting cable, and connect the connecting cable to the strip light, as shown in the figure below:



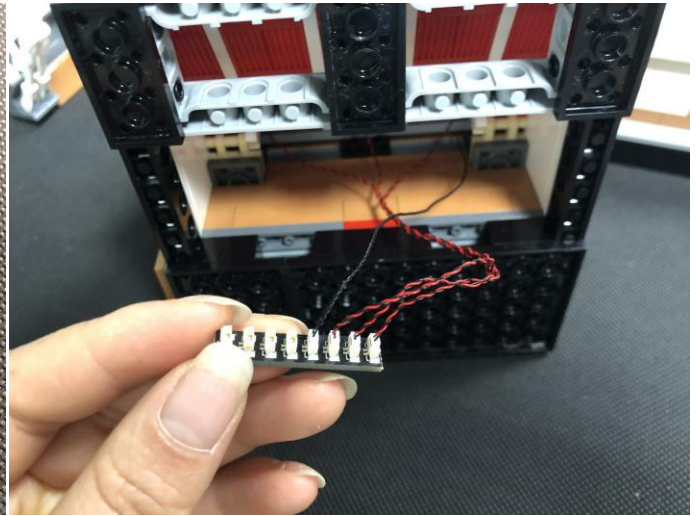
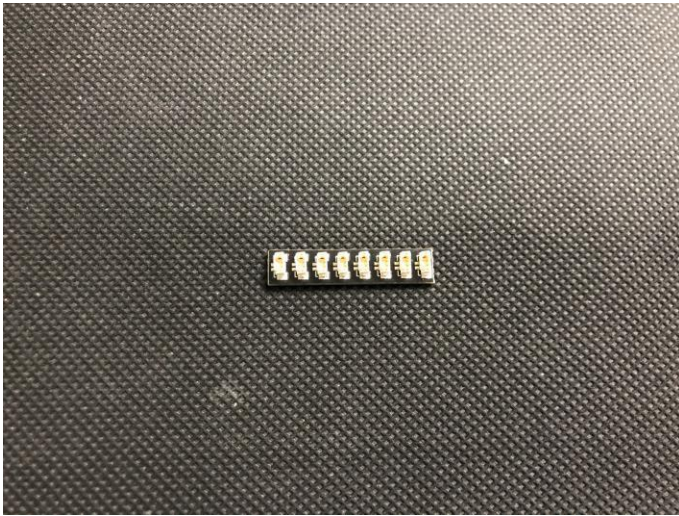
30.Stick the strip light under the open seat, as shown below.



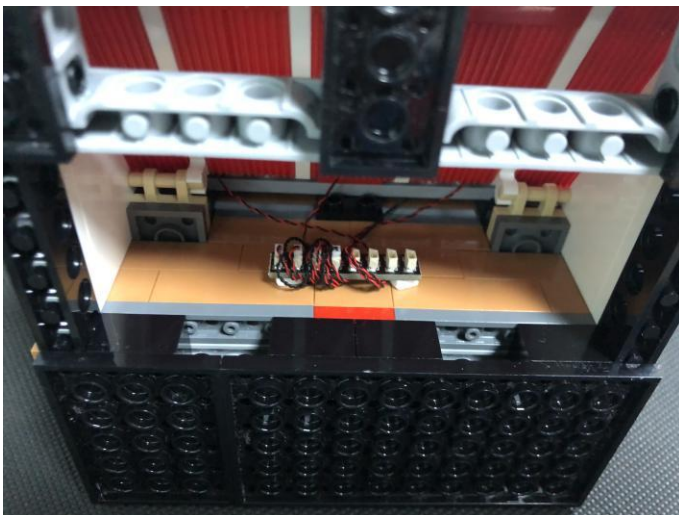
31.The cable leads to the bottom, as shown in the figure below.



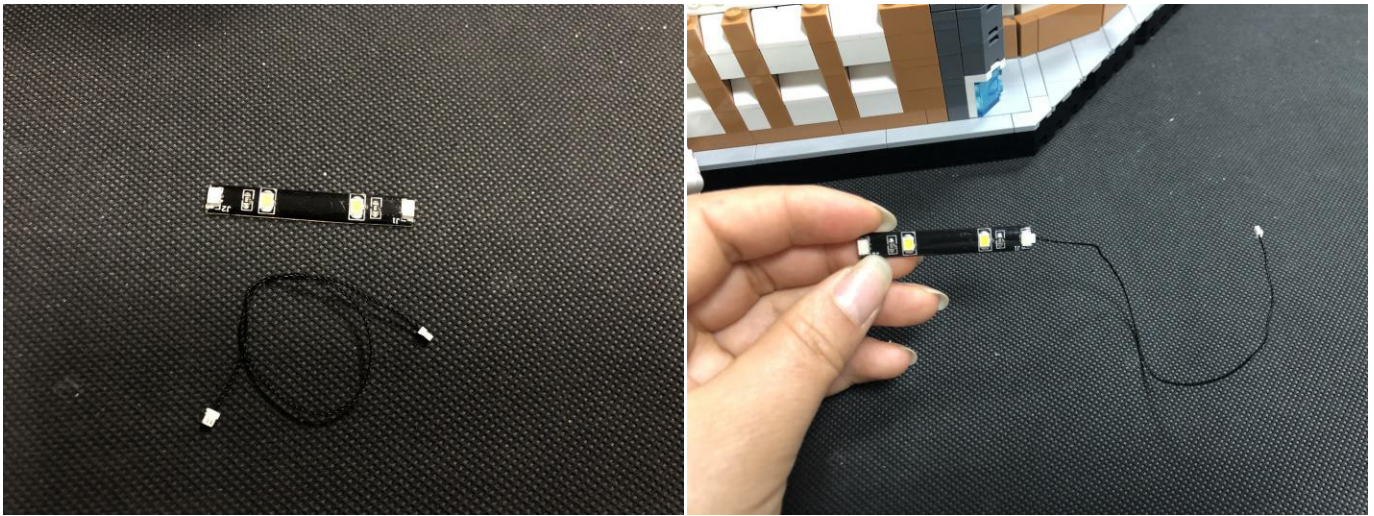
32. Take an 8-pot expansion board and connect all 3 light cables and 1 connecting cable to the board, as shown in the figure below.



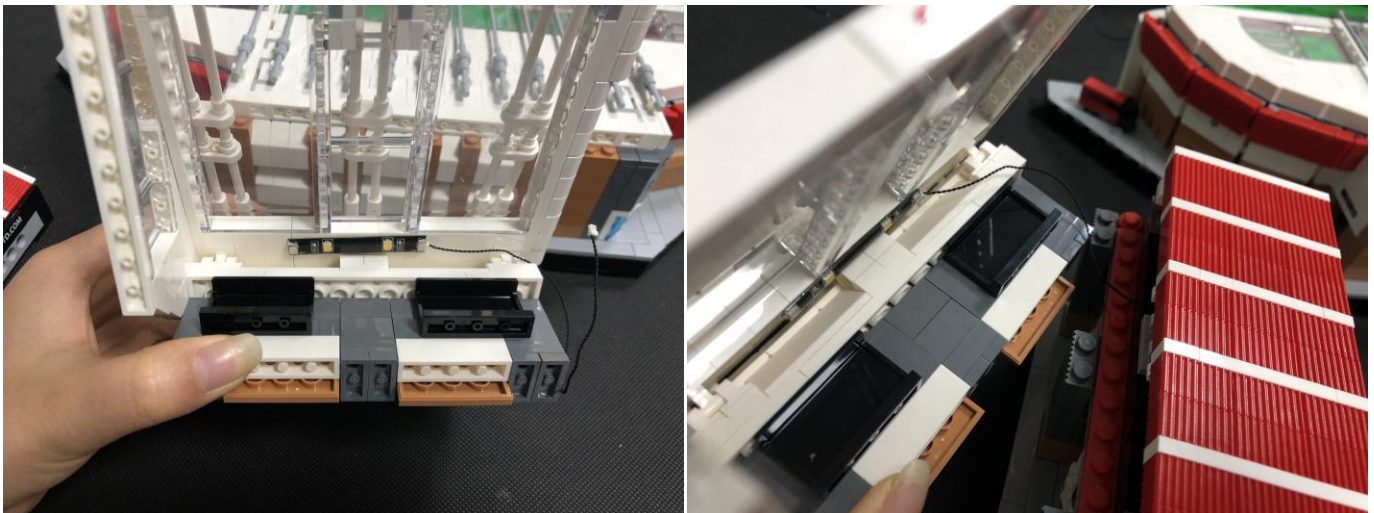
33. Organize the light cable, and stick the board to the position shown below with adhesive square, as shown below.



34.Take a warm white strip light and a 15cm connecting cable, and connect the connecting cable to the strip light, as shown in the figure below:



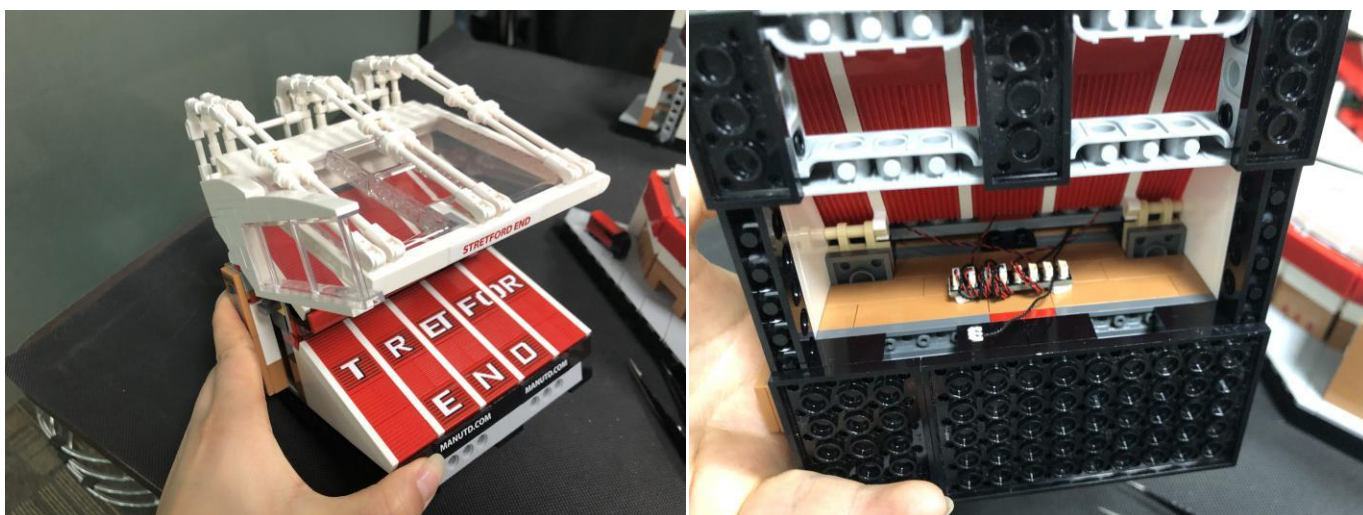
35.Stick the strip light at the position shown in the figure below, and the connecting cable passes through the gap position in the figure below, as shown in the figure below.



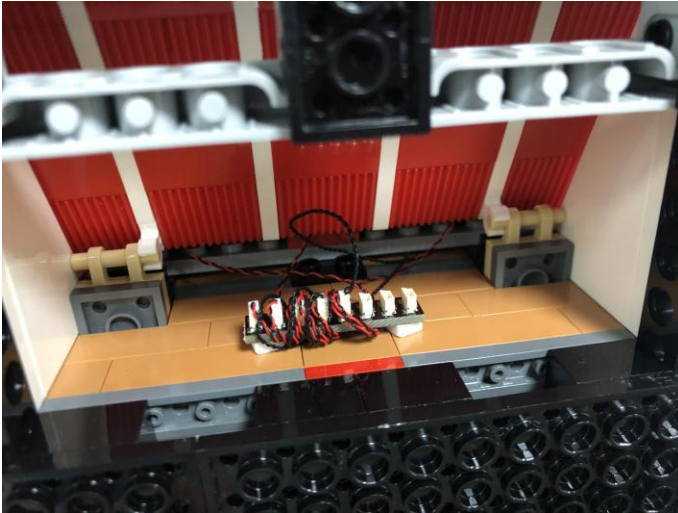
36.Open the seat, let the connecting cable passes through the gap position in the figure below and leads to the bottom, as shown in the figure below.



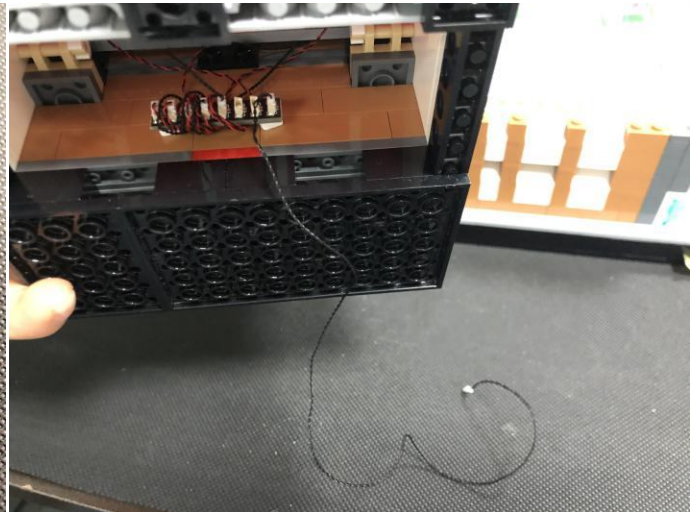
37.Restore the top cover, pull the connecting cable from the bottom, and then plug it into the expansion board, as shown in the figure below:



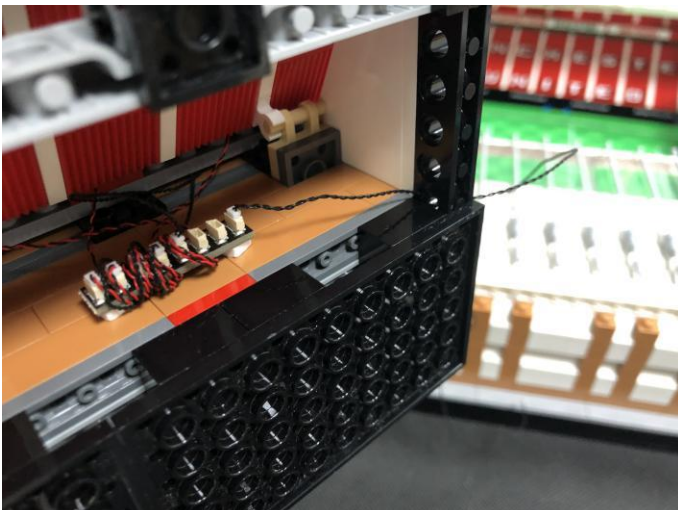
38



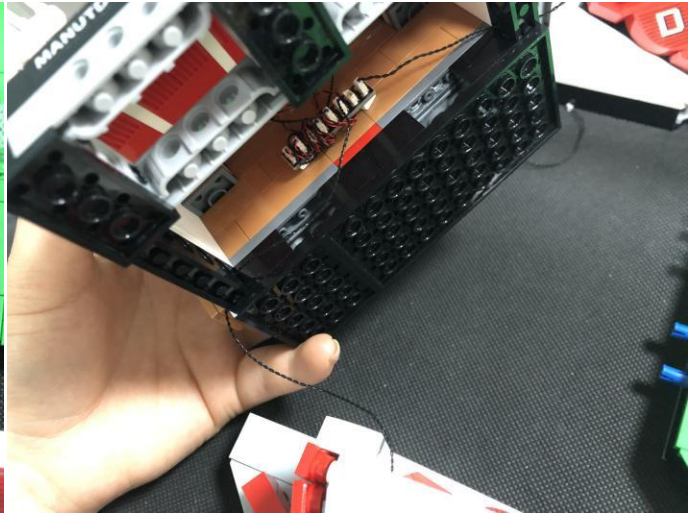
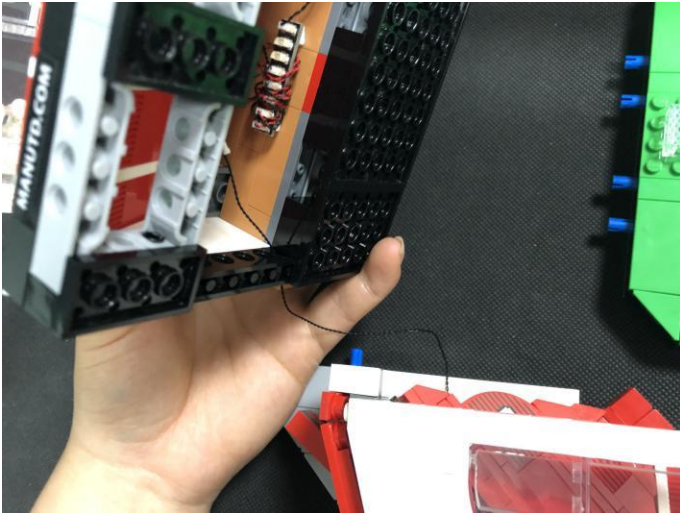
39. Take a 30cm connecting cable and connect it to the expansion board, as shown below.



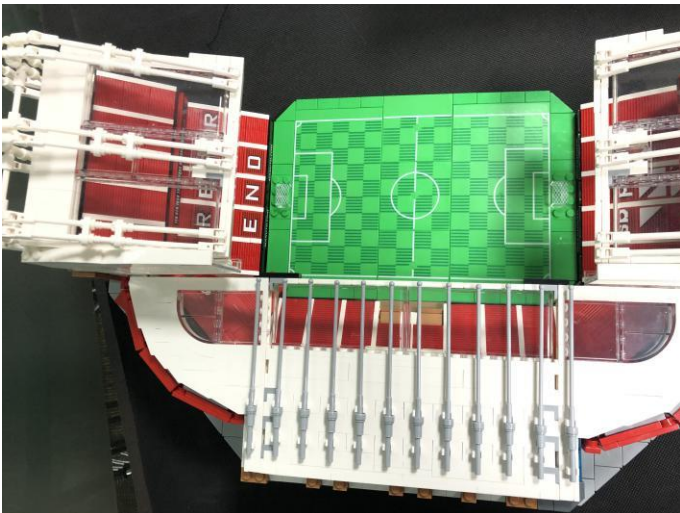
40. Pass the connecting cable through the hole in the block below.



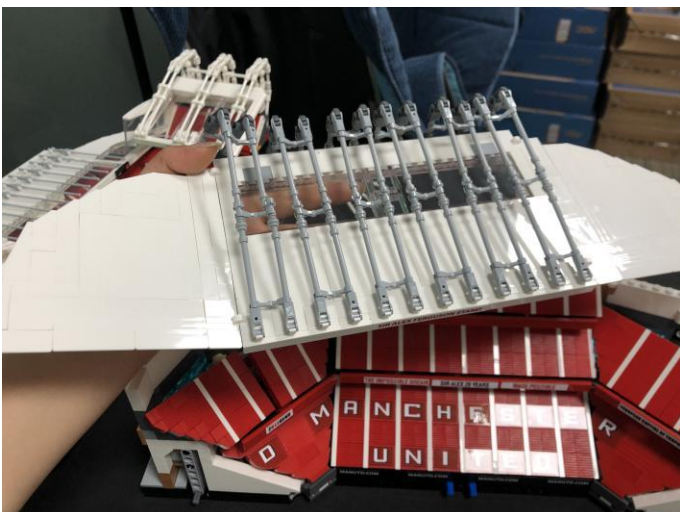
41. Pass the connection cable drawn from the first stand through the hole in the block below, and connect it to the board, as shown in the figure below.



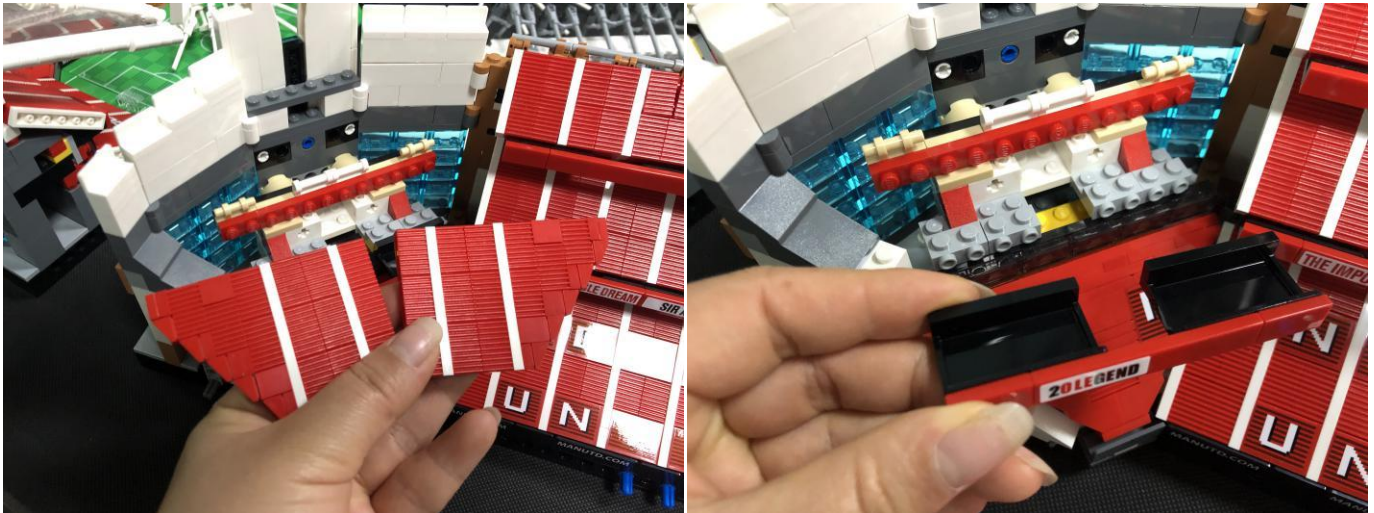
42. Replace this part and remove the stand below.



43. Remove the top cover of the stand.



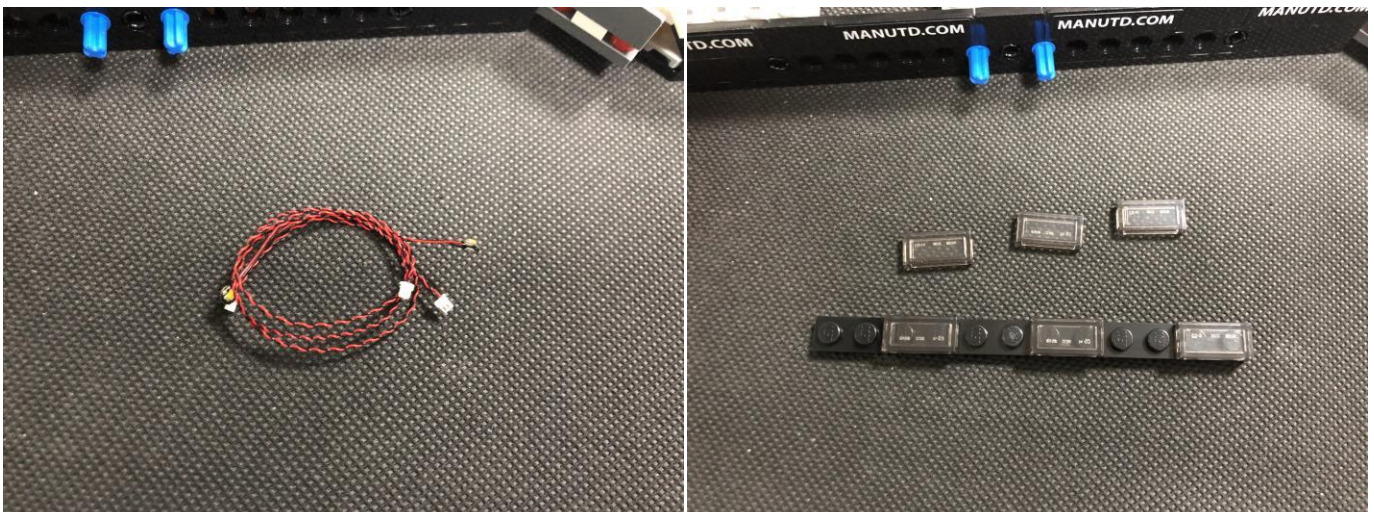
44. Remove the pieces as shown below.



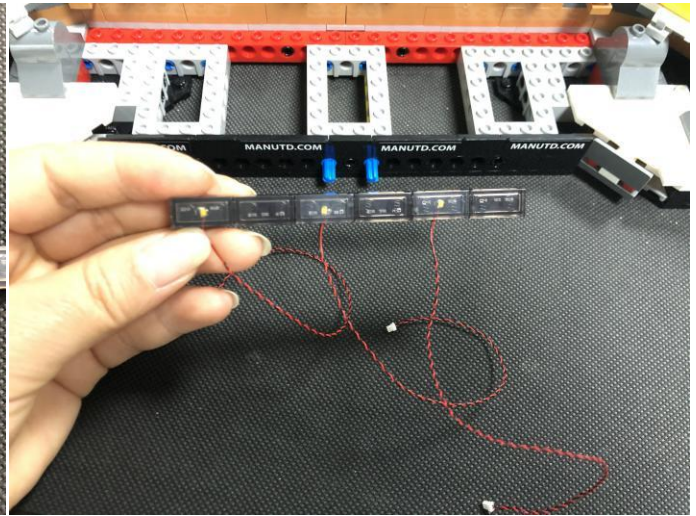
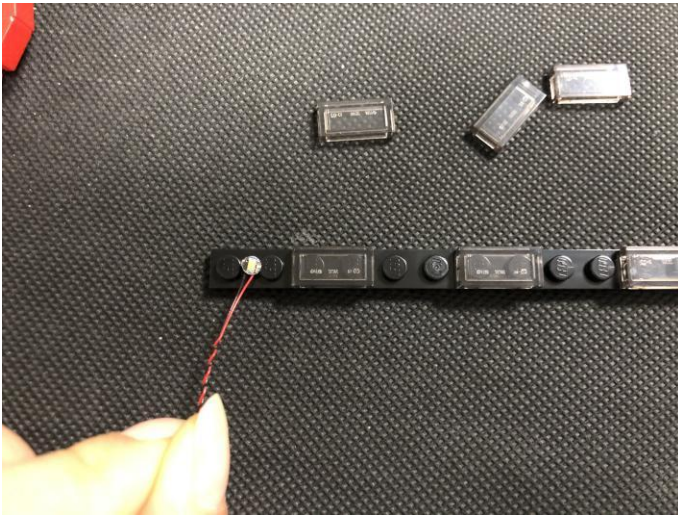
45



46. Take 3 pieces of 15cm warm white dot lights, take the transparent part removed from the left seat, and remove the 1x2 transparent board in 3 positions as shown in the figure.



47.With the dot lights facing upward, fix the dot lights with the removed 1x2 transparent plate, as shown in the figure below.



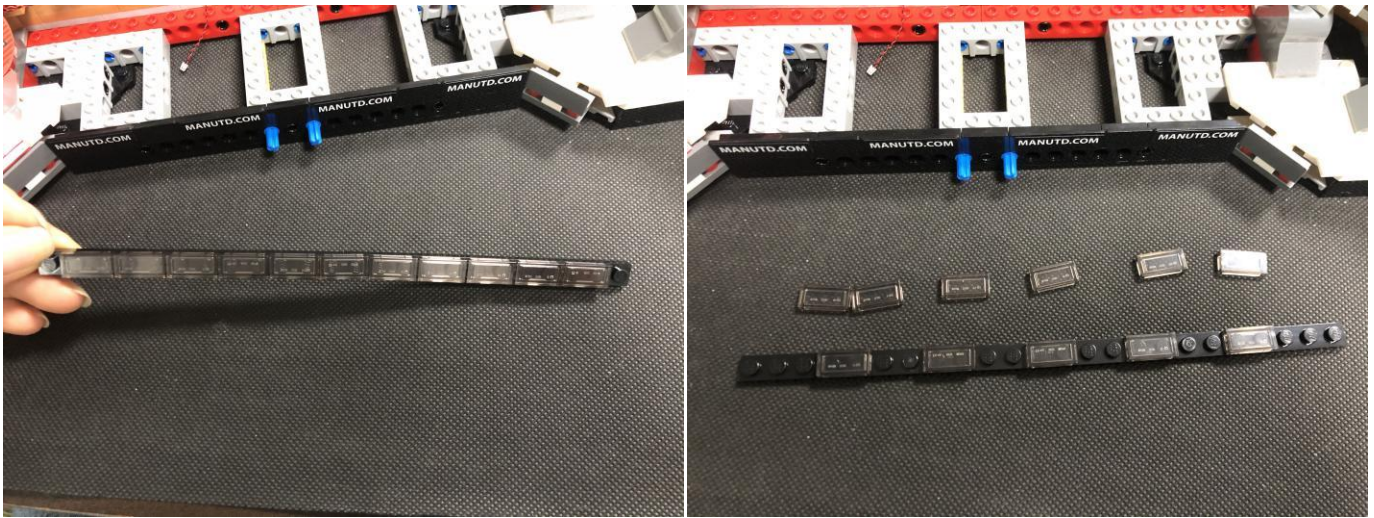
48.Replace it and twist the light cables together to the right, as shown in the figure below:



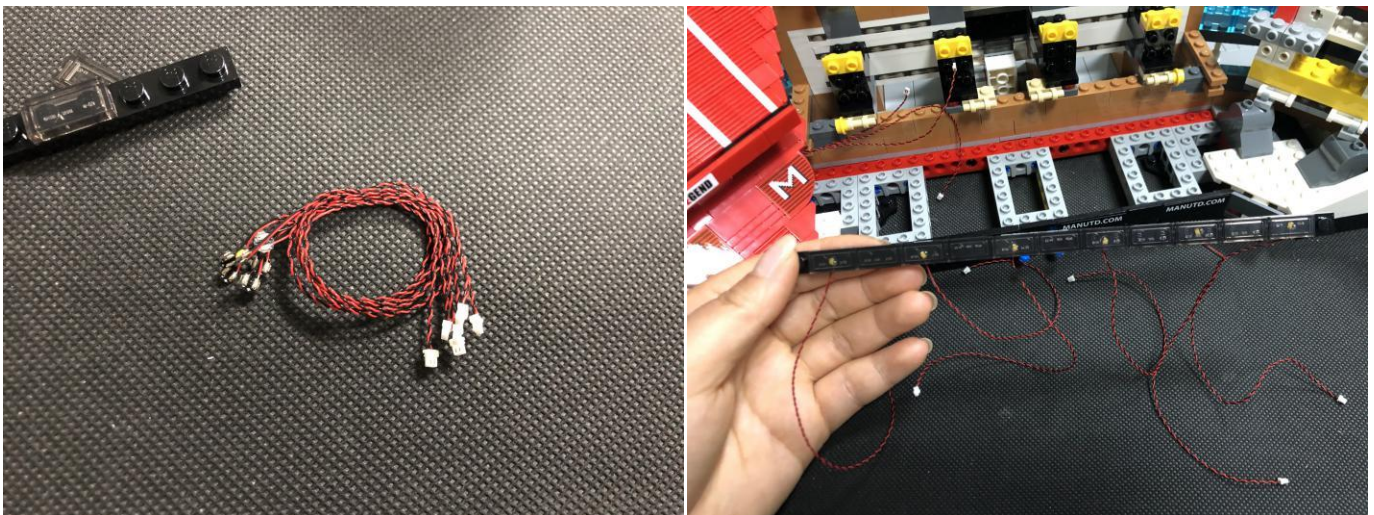
49.Restore the pieces of the left part, as shown below.



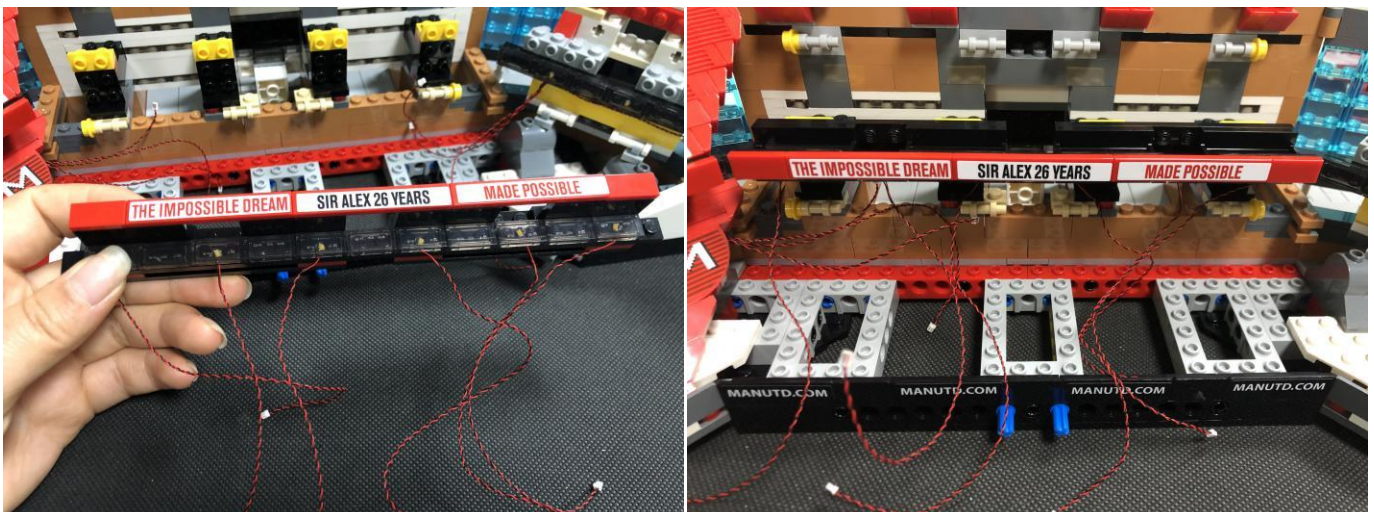
50. Now install the middle part, remove the 1x2 transparent board in 6 positions as shown in the figure below.



51. Take 6 pieces of 15cm warm white strip lights and install them as above.



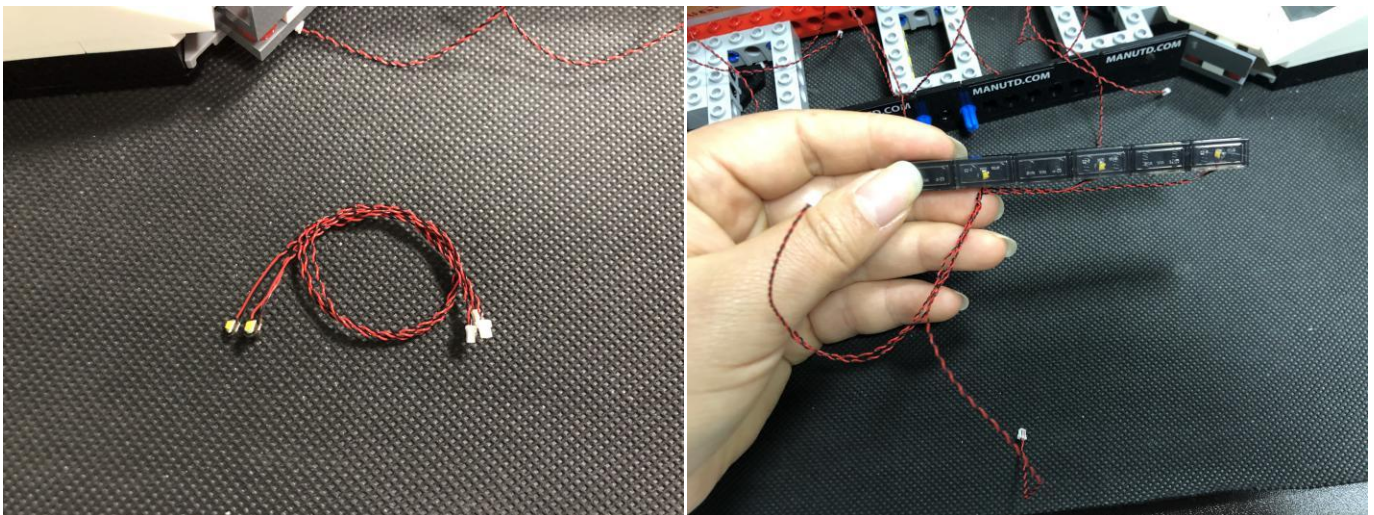
52. Restore the pieces as shown below.



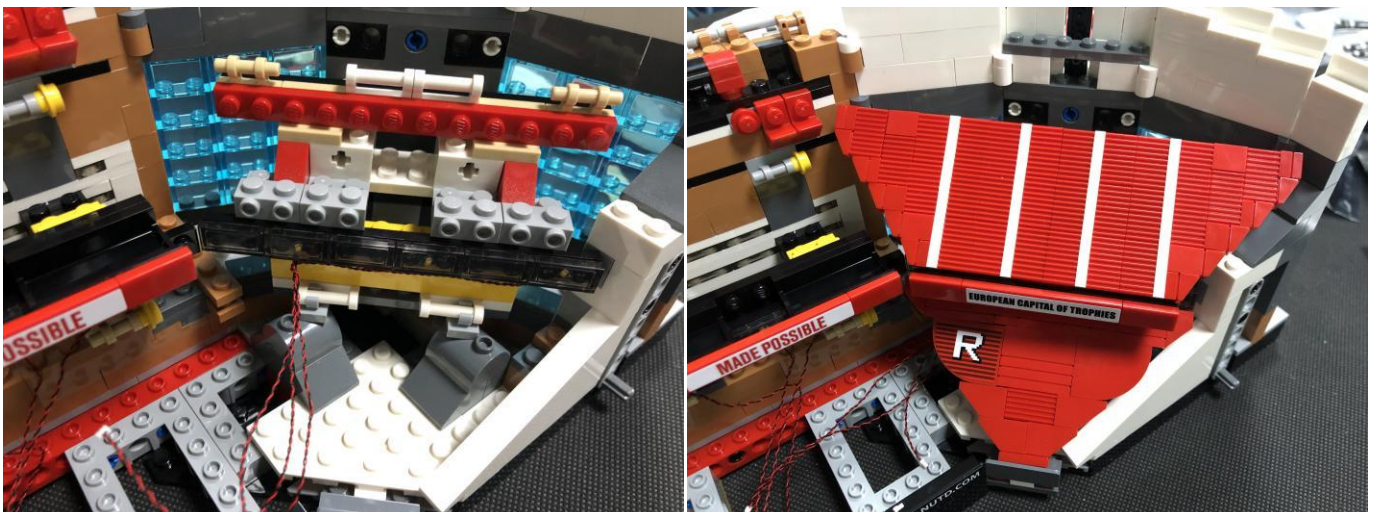
53. Now install the right part, remove the 1x2 transparent board in 3 positions as shown in the figure below.



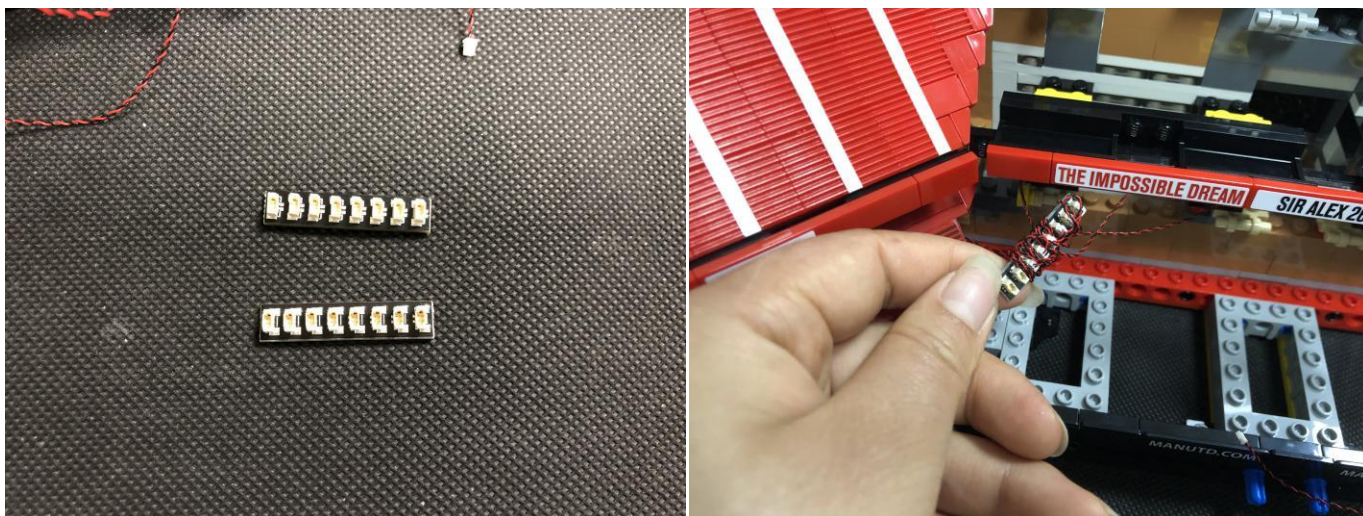
54. Take 3 pieces of 15cm warm white dot lights and install them according to the above method, as shown in the figure below.



55. Restore the right seat, as shown below.



56. Take two 8-port expansion boards and connect the 6 light cables on the left to one of the boards, as shown in the figure below.



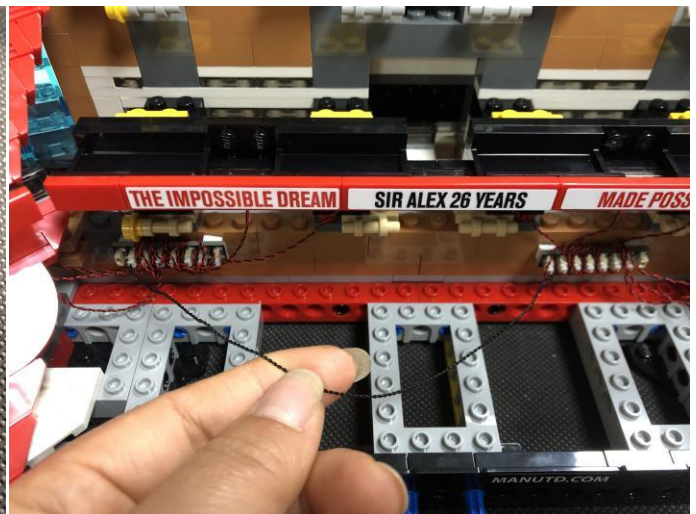
57. Organize the light cables, and stick it to the position below with adhesive square.



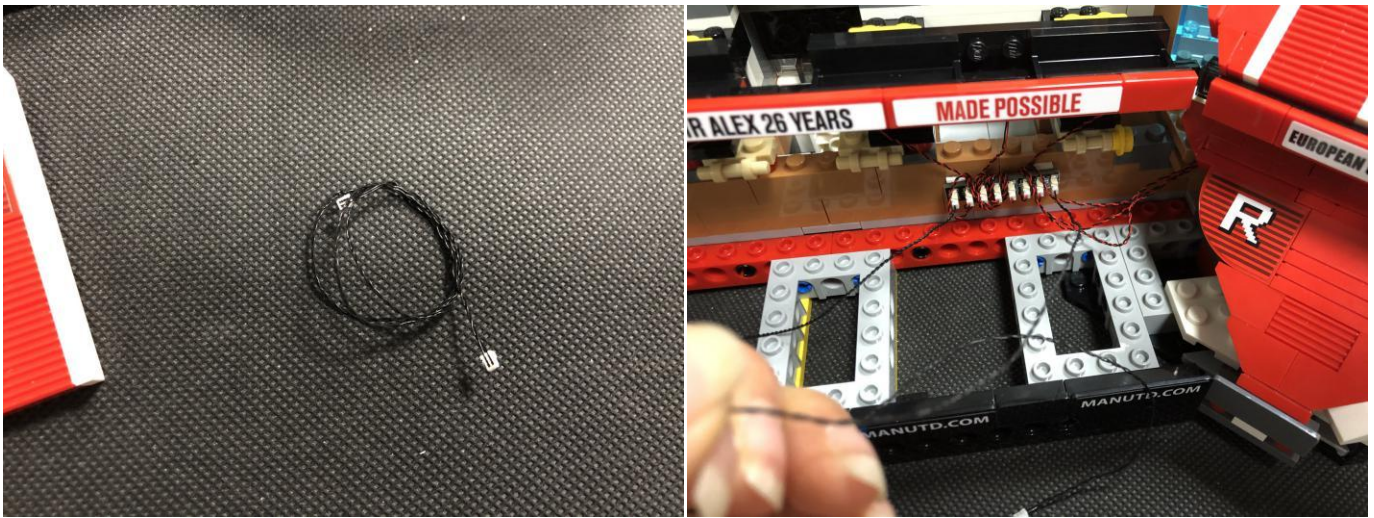
58. Connect the 6 light cables on the right to another new board, arrange the light cables, and stick them to the position shown below with adhesive square.



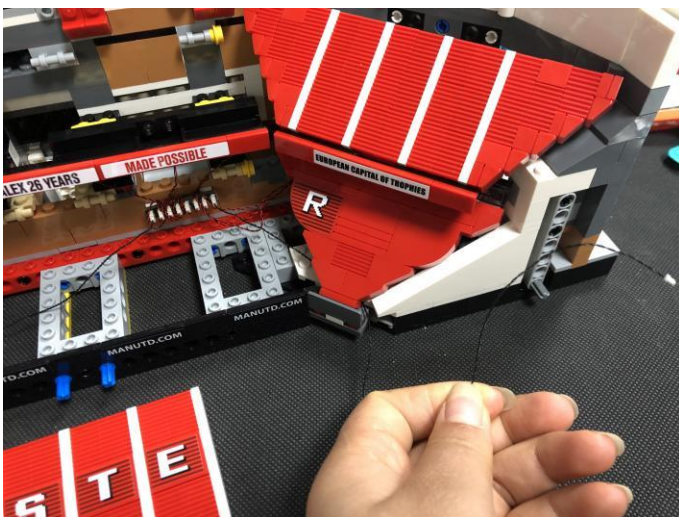
59. Take a 15cm connecting cable and connect the two boards with the connecting cable, as shown in the figure below.



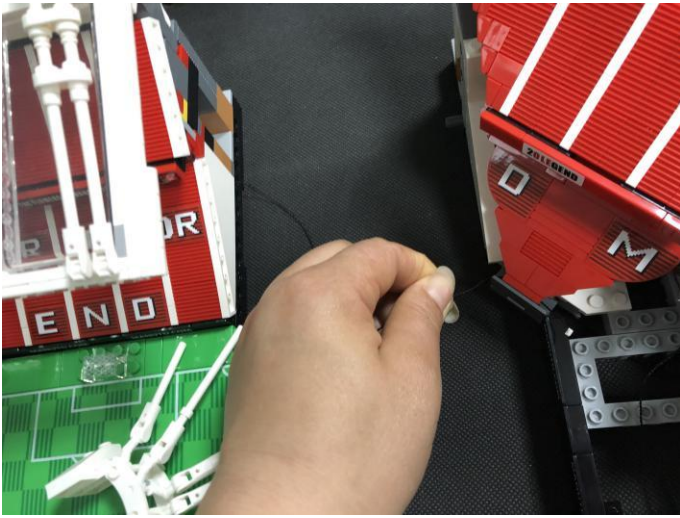
60.Take a 30cm connecting cable and connect it to the 8-port expansion board on the right, as shown below.



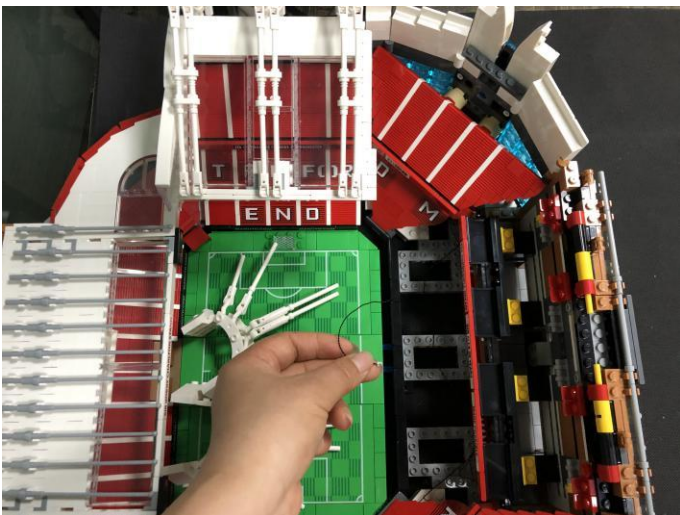
61.The connecting cables pass through the seat on the right and pull it to the right, as shown in the figure below.



62. Pass the connecting cable drawn from the second installed stand through the position shown below, as shown below.



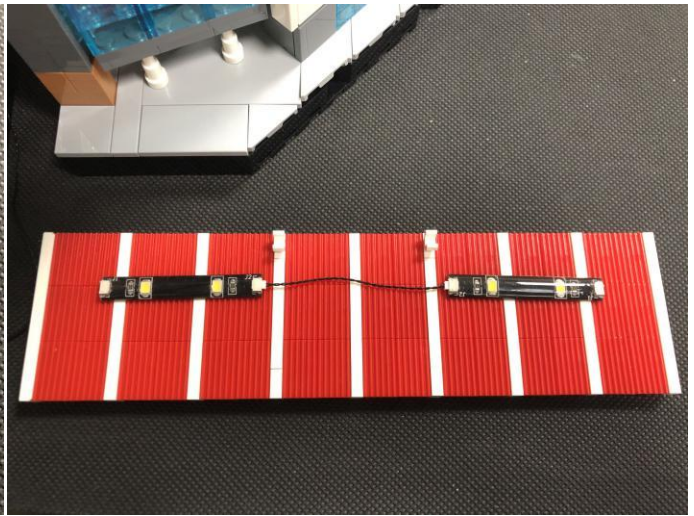
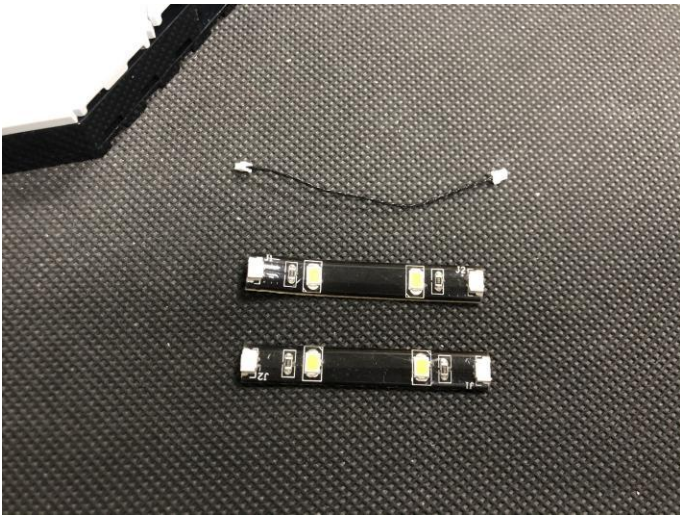
63. Replace the entire stand, and then connect the cable just pulled to the left board, as shown in the figure below.



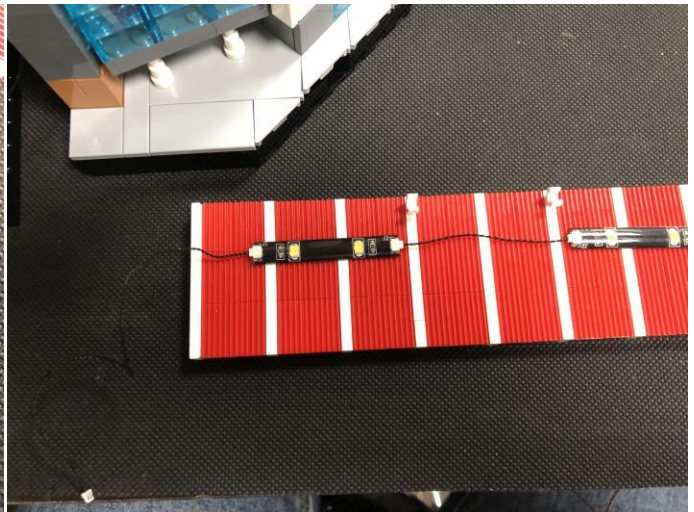
64. Restore a seat.



65.Take 2 warm white strip lights, a 15cm connecting cable, connect the two strip lights with the connecting cable, and stick them under the second floor seat, as shown in the figure.



66.Take a 15cm cable and connect it to the left strip light, as shown below:



67.Restoring seats on the second floor, with the connecting cable on the strip light facing to the right.



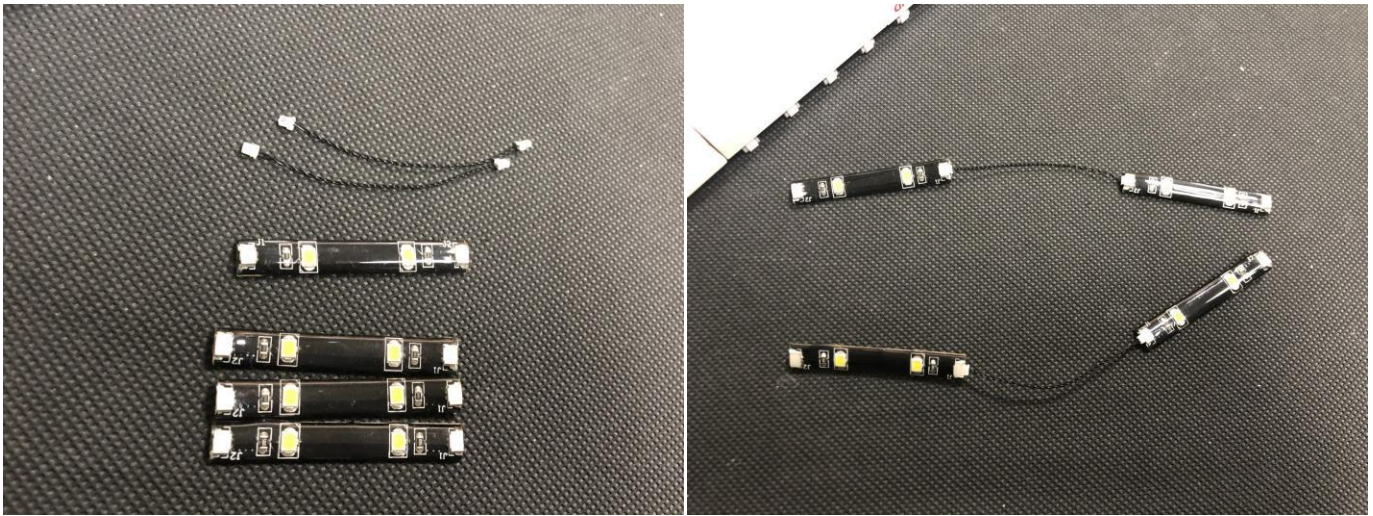
68.Restore the following pieces.



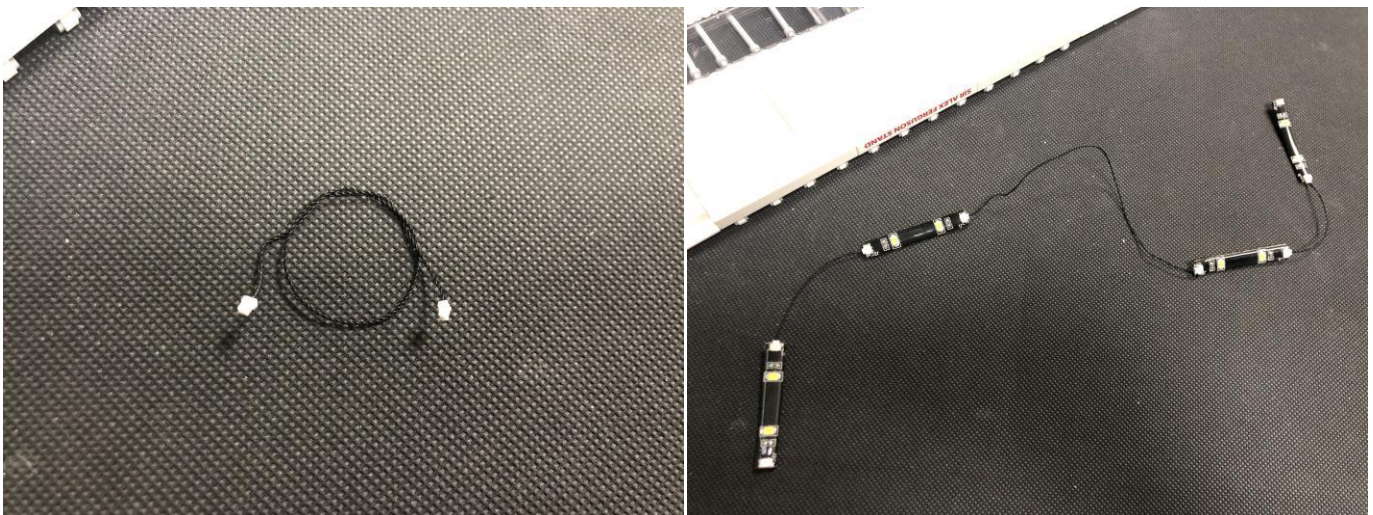
69.Install lights in the top cover now.



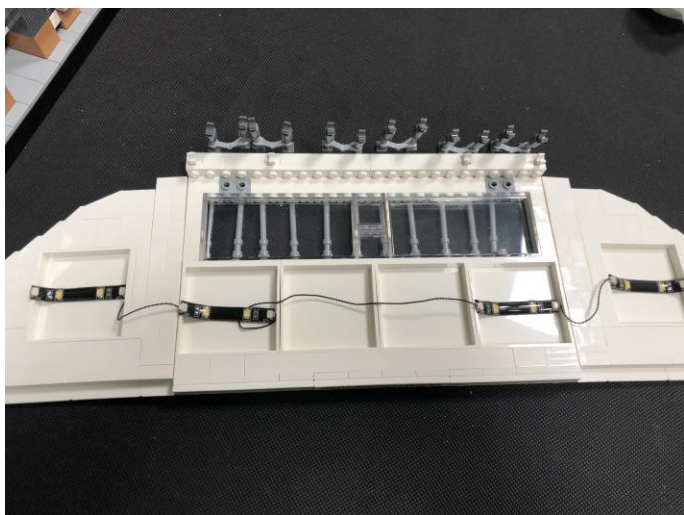
70.Take 4 warm white strip lights and 25cm connecting cables, and connect the 2 strip lights with connecting cables, as shown in the figure below.



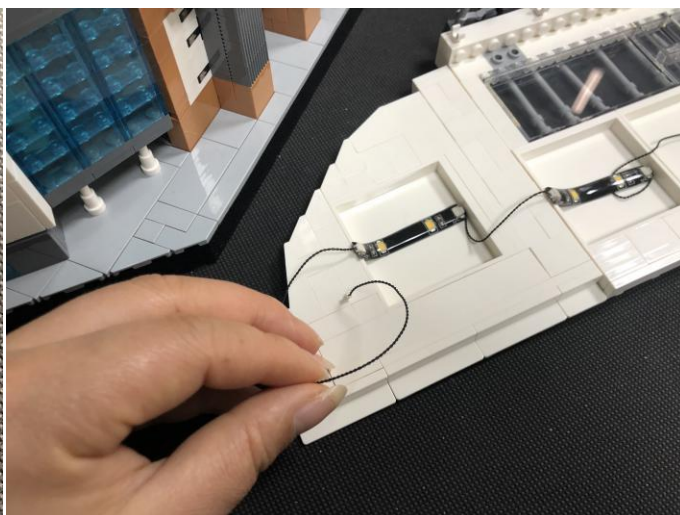
71.Take a 15cm connecting cable and use the 15cm cable to connect the two strip lights just connected, as shown in the figure below.



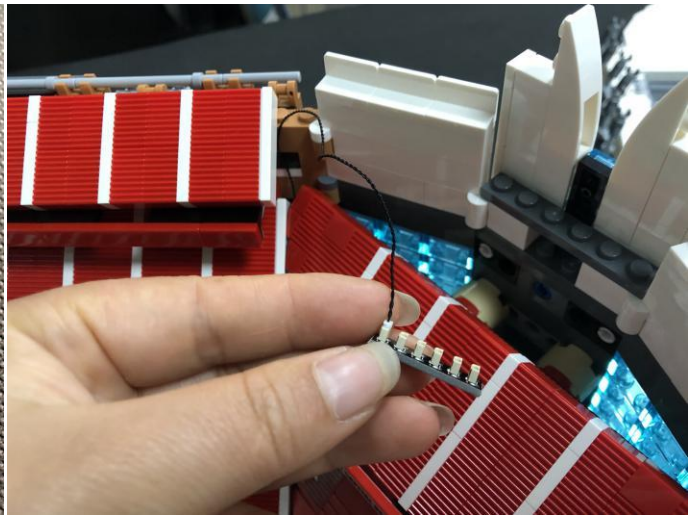
72.Then stick the strip light at the position below.



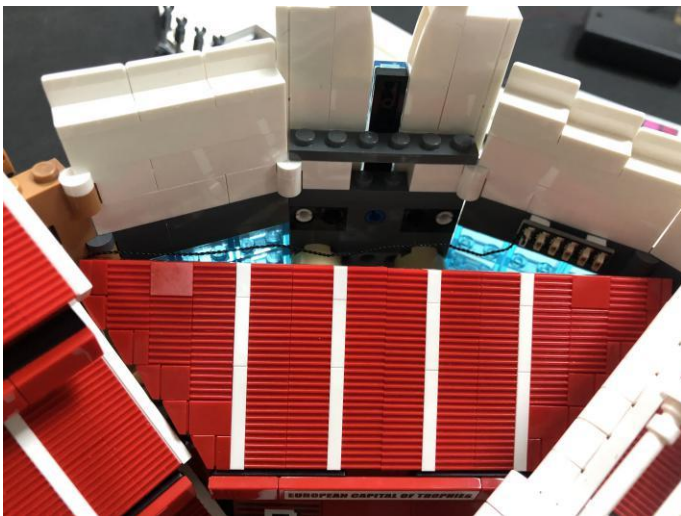
73.Take a 15cm connecting cable and connect it to the left strip light, as shown below.



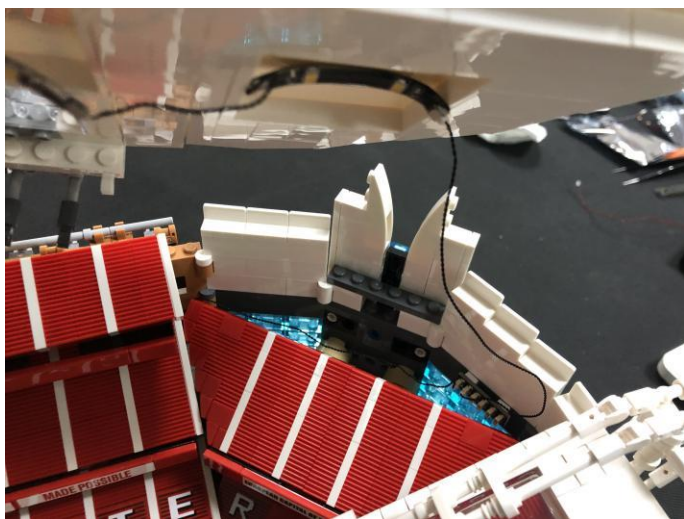
74. Take a 6-port expansion and connect the cable of the strip light on the middle second floor seat to the board, as shown in the figure below.



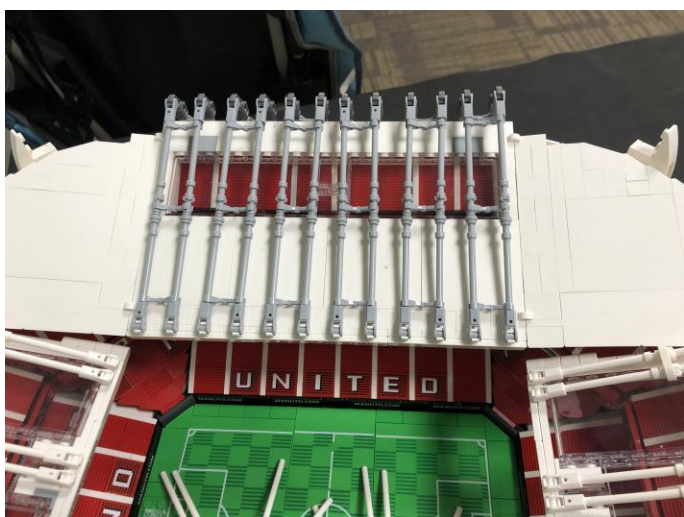
75. Use adhesive square to stick the board at the position shown below.



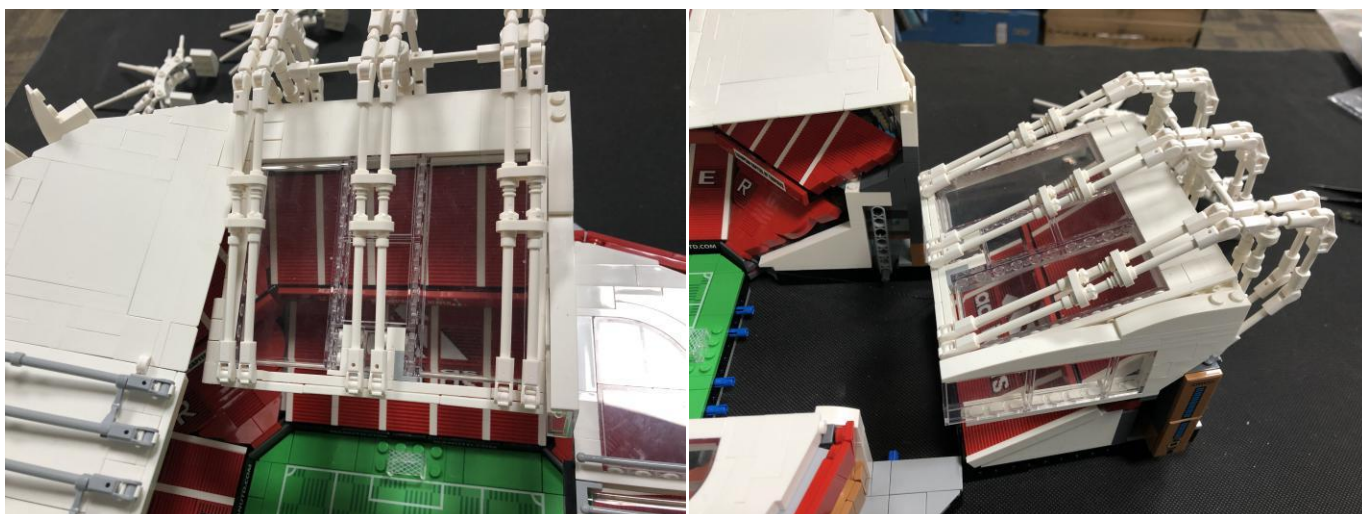
76.Then connect the connecting cable of the light bar on the top cover to the 6-port expansion board, as shown in the figure below.



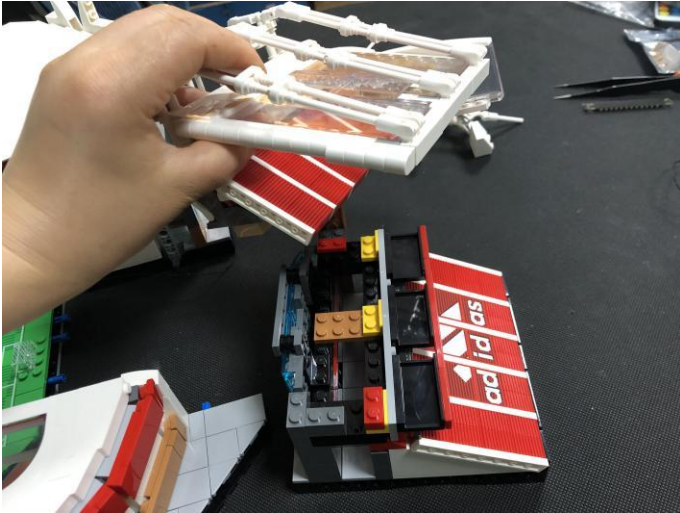
77.Restore the top cover.



78.Now install the last stand, split it out first, as shown below.



79.Remove the second layer, as shown below.



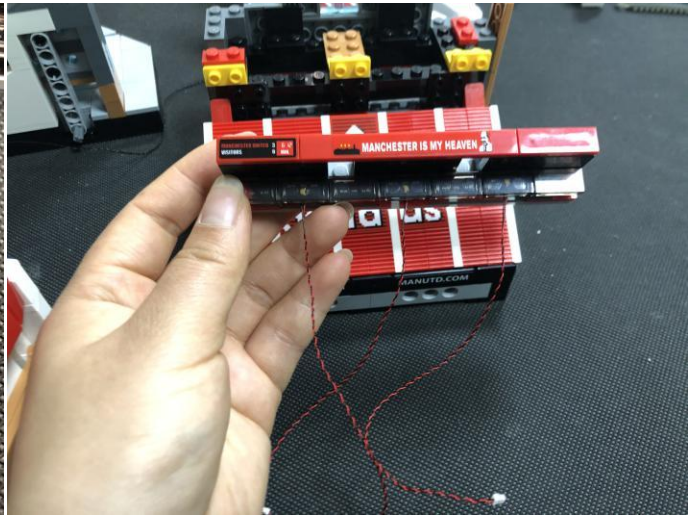
80.Remove the following pieces.



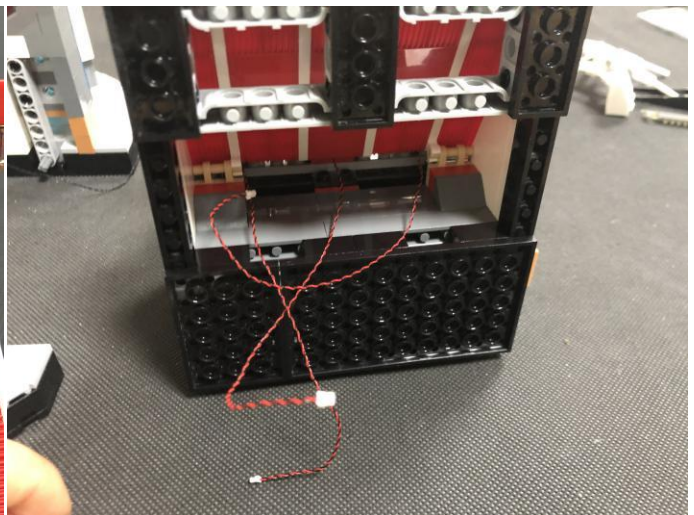
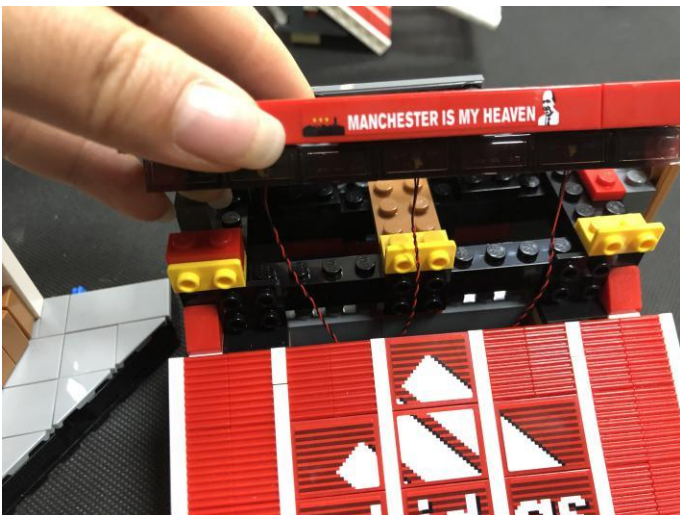
81.Remove the 1x2 transparent boards at the three positions as shown in the figure below.



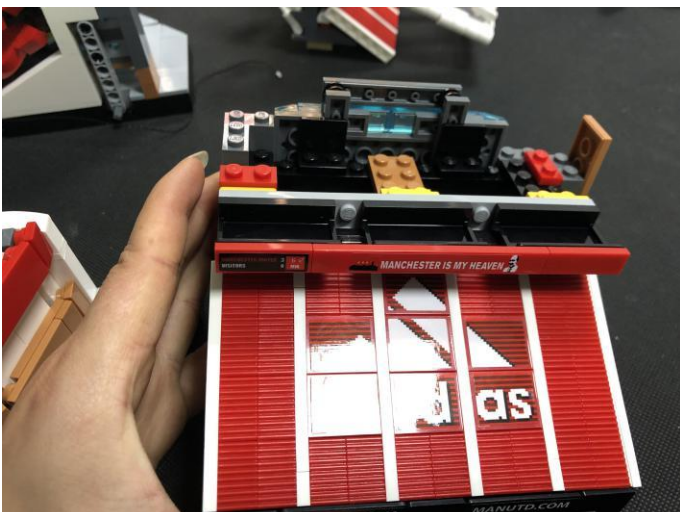
82. Take 3 pieces of 15cm warm white dot lights and install them as above.



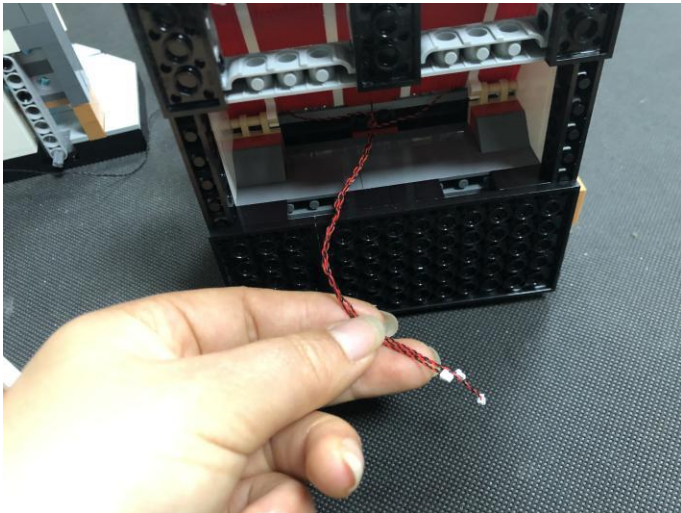
83. Pass the light cable through the gap behind the seat to the bottom, as shown in the figure below.



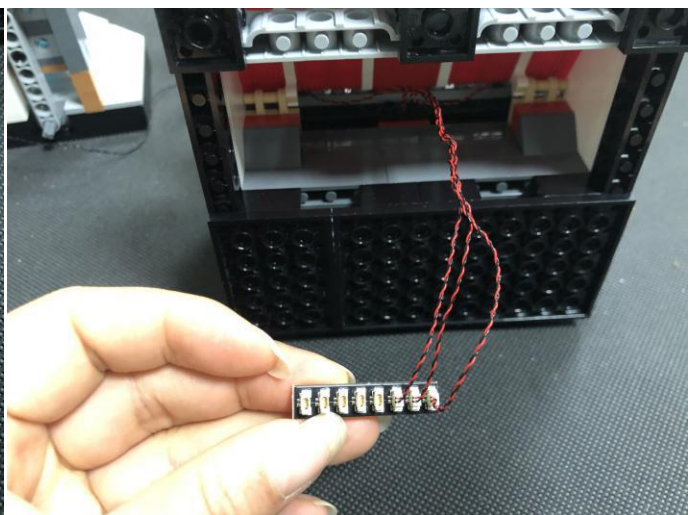
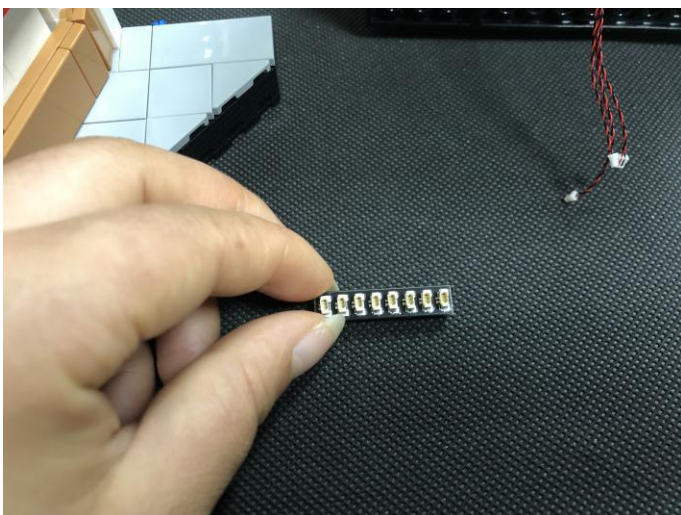
84. Restore the pieces.



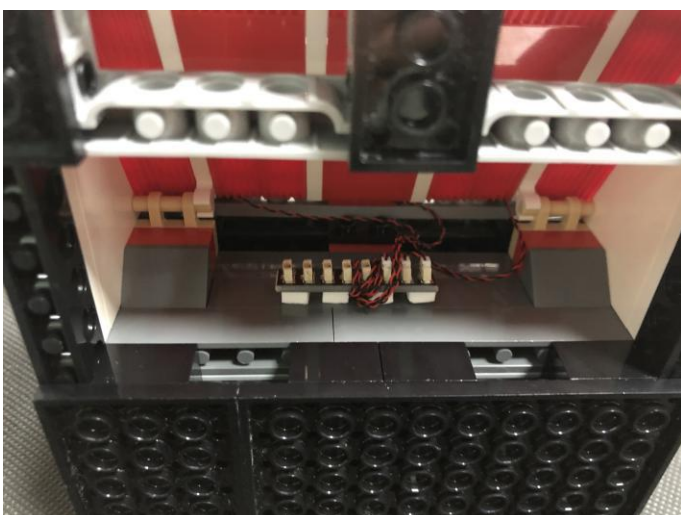
85. Twist the light cables into a thick one, as shown below.



86. Take an 8-port expansion and connect 3 light cables to the board, as shown in the figure below.



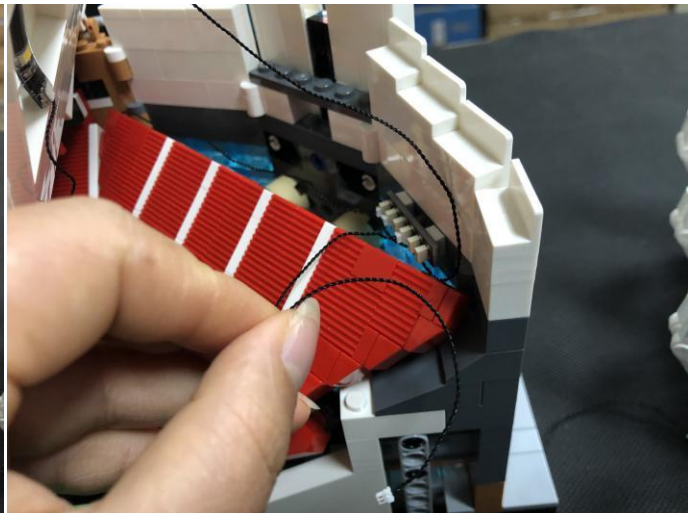
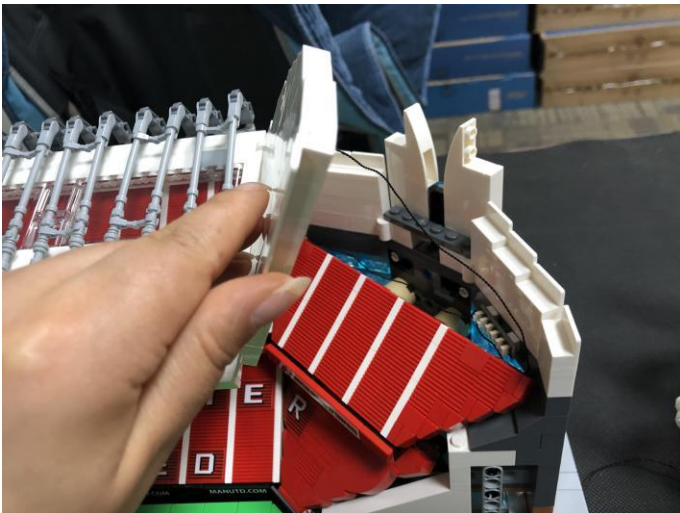
87. Organize the light cables, and stick it to the position below with adhesive square.



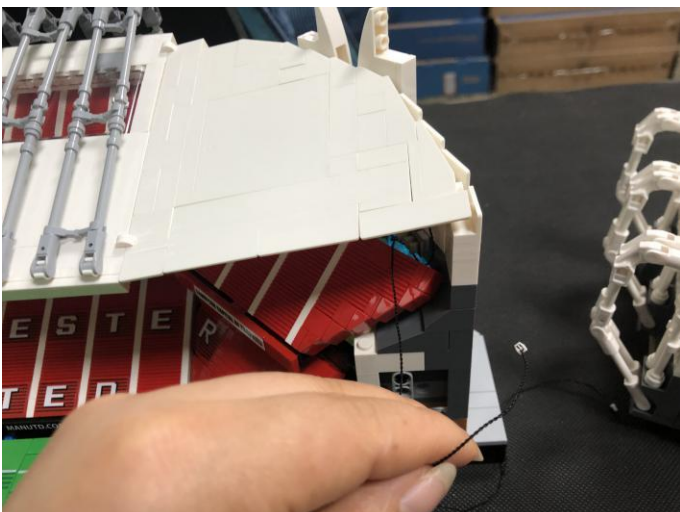
88. Take one 15cm connecting cable.



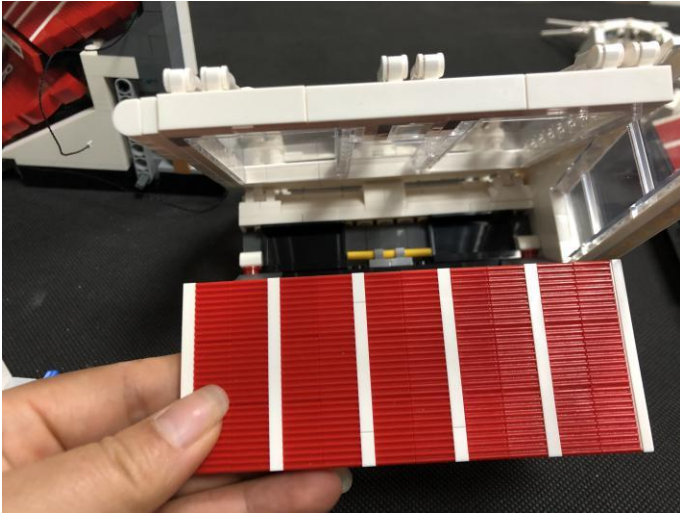
89. Open the top cover in the figure below, connect the cable to the expansion board here, and pull it to the right, as shown in the figure below.



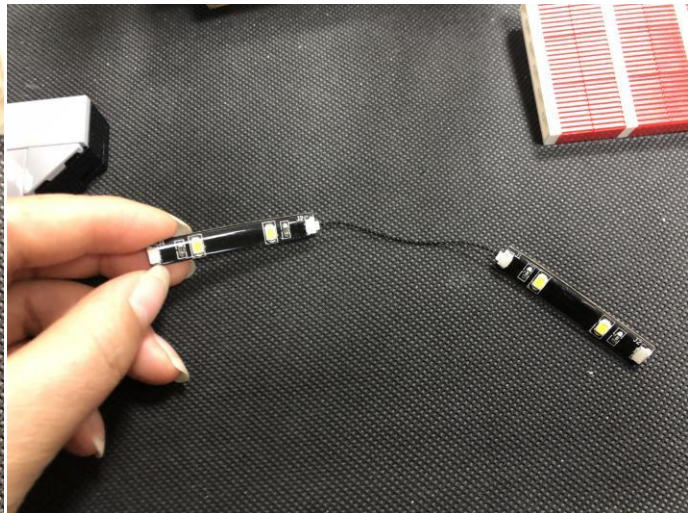
90



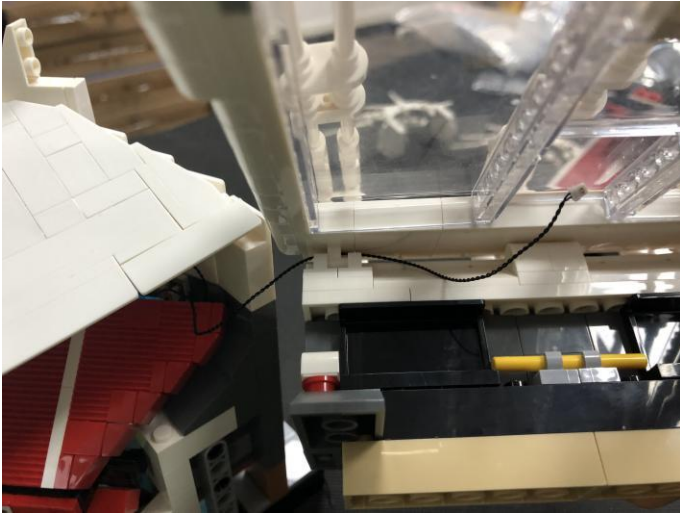
91.Remove the seats as shown below.



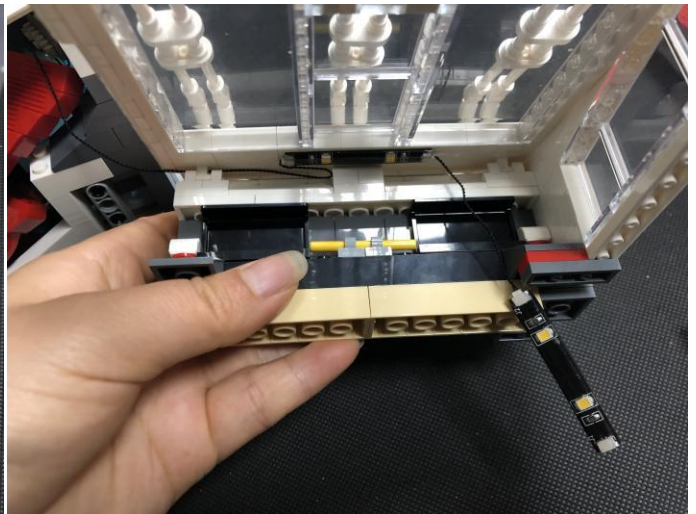
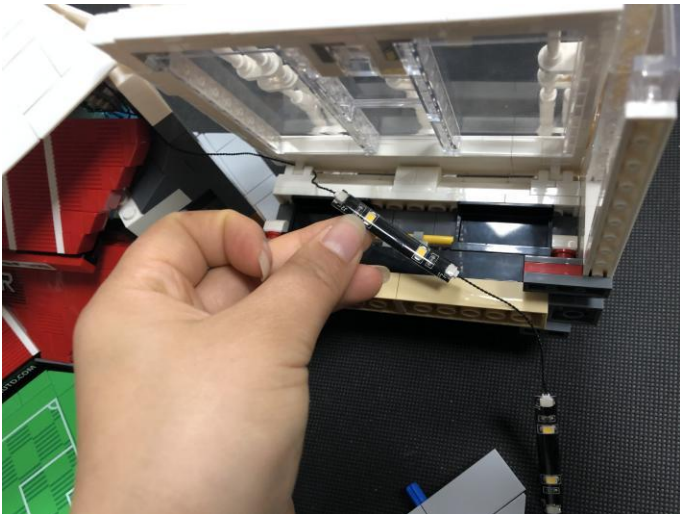
92.Take 2 warm white strip lights and one 15cm connecting cable, and connect the two strip lights with the connecting cable, as shown in the figure below.



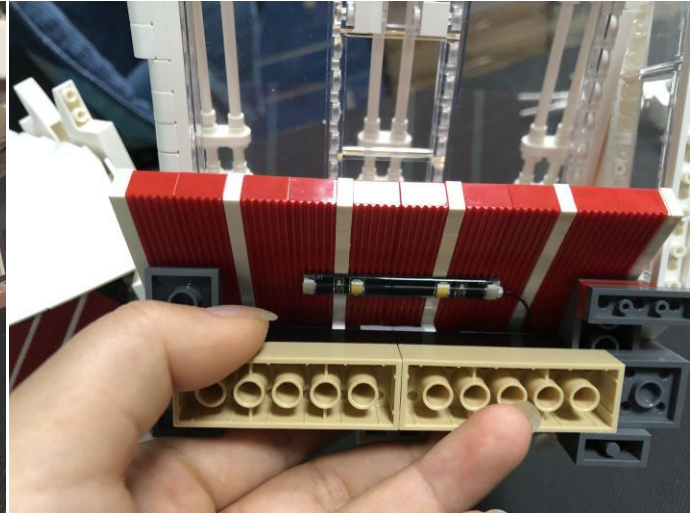
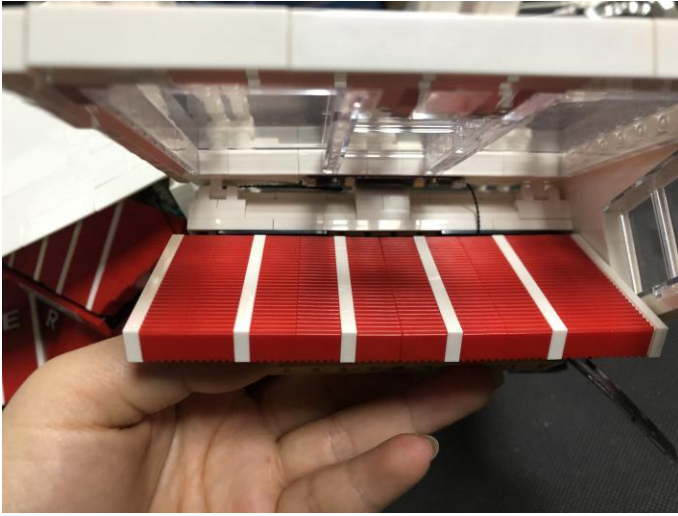
93. Pass the connecting cable just pulled out from the 6-port expansion through the position shown below.



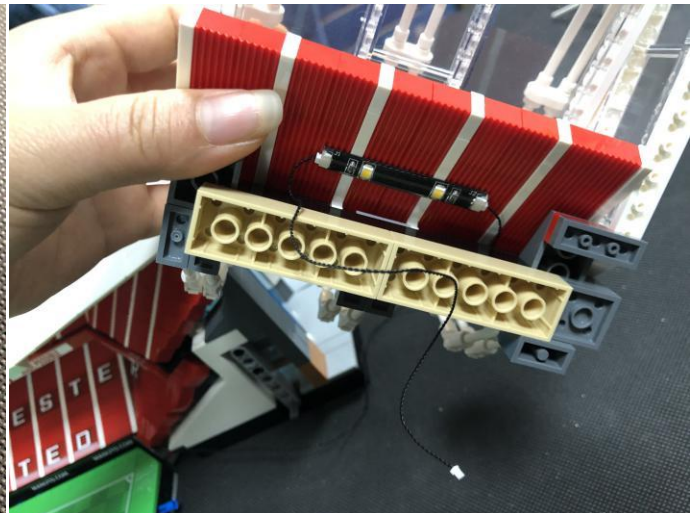
94. Then connect it to the one of the two strip lights just connected, then stick it in the position shown below with the other one faces down, as shown in the figure below.



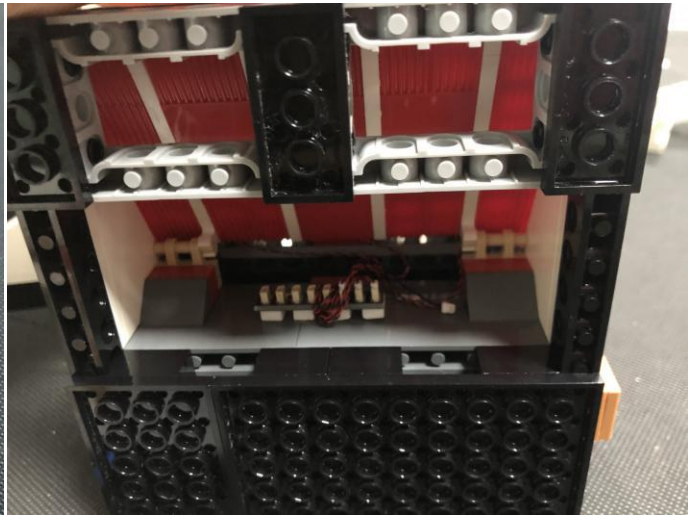
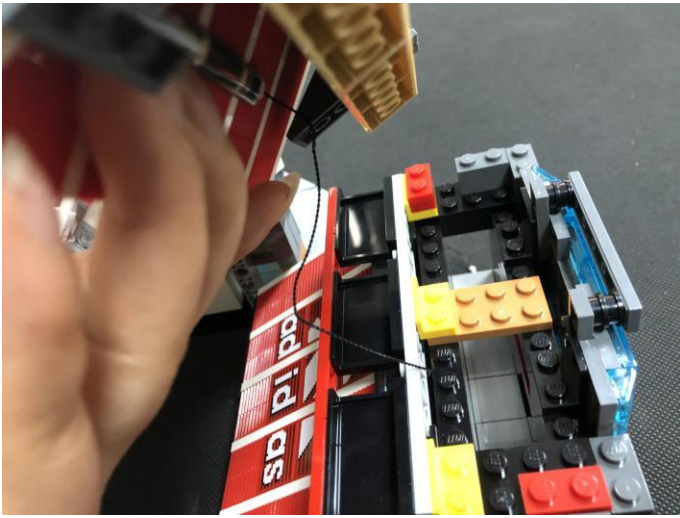
95. Replace the seat and stick the downward-facing light bar below the seat, as shown in the figure below.



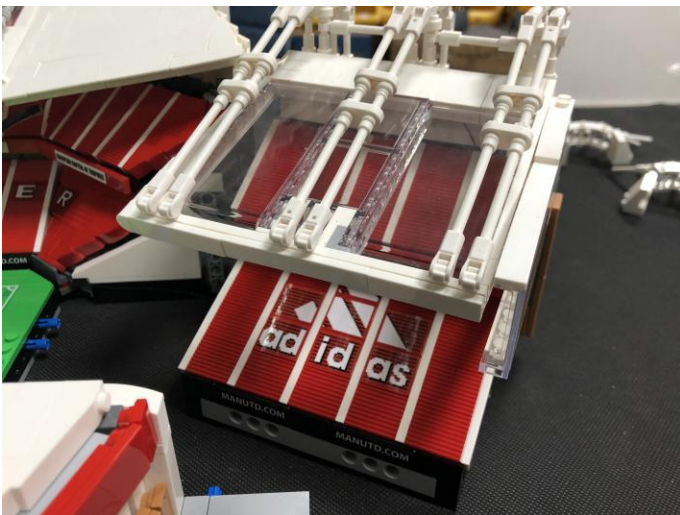
96. Take a 15cm connecting cable and connect it to the seat strip light, as shown below.



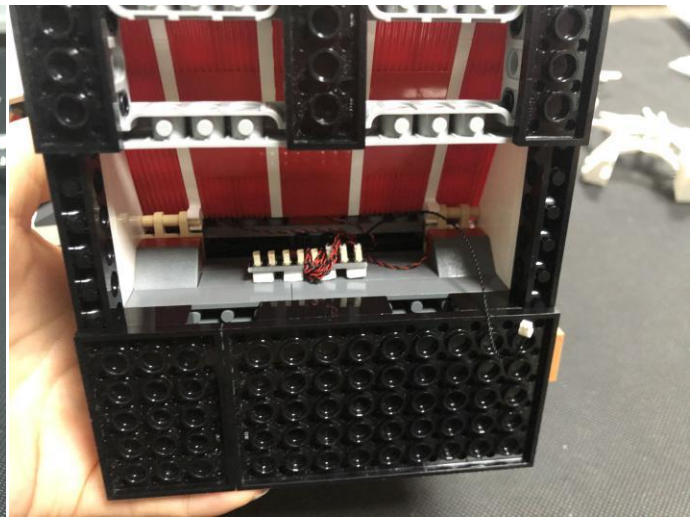
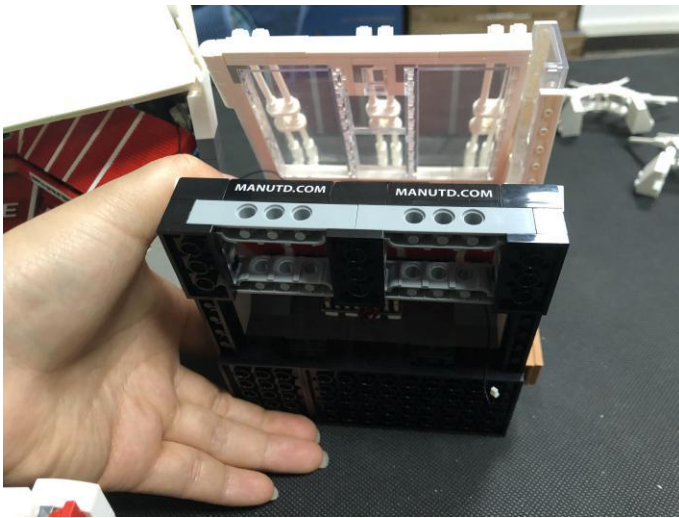
97. Pass the connecting cable from the gap in the figure below to the bottom, as shown in the figure below.



98. Restore the removed part.



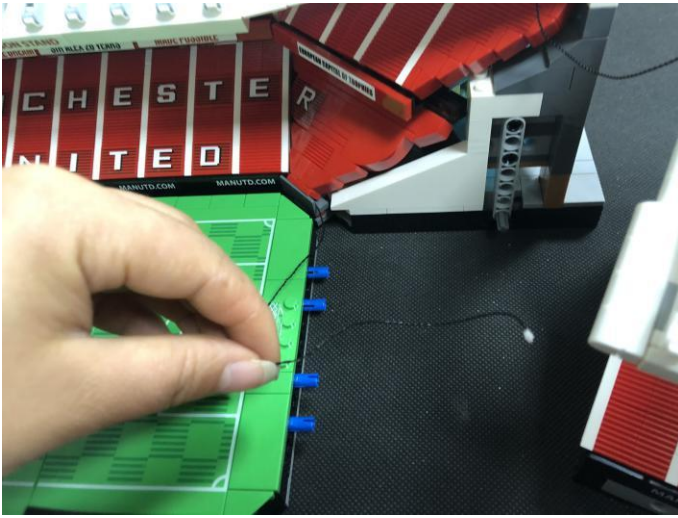
99. Put it on its side and connect the cable to the expansion board, as shown in the figure below.



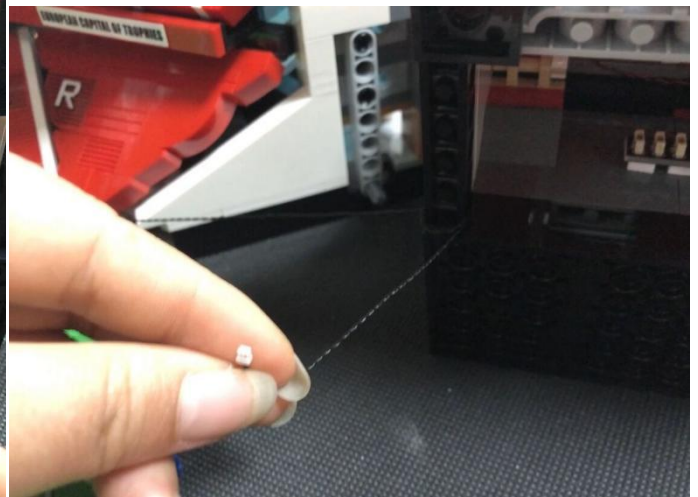
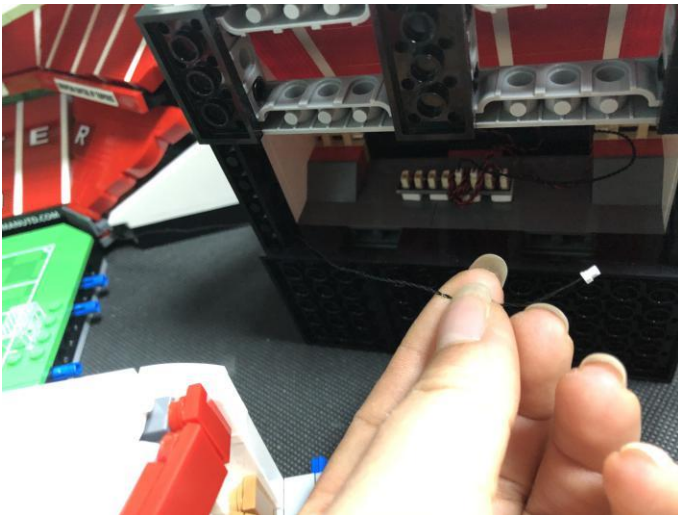
100



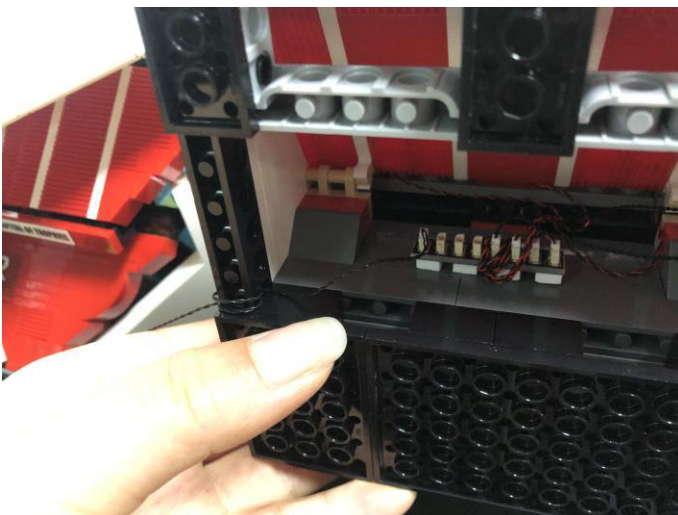
101. Pass the 30cm connecting cable drawn from the third installed stand through the hole in the block below, as shown below.



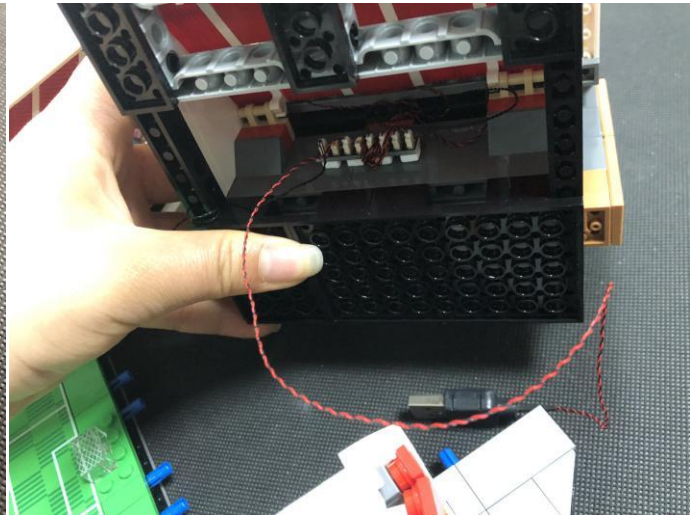
102. You can wind the extra connecting cables a few times and then plug it into the expansion board, as shown below.



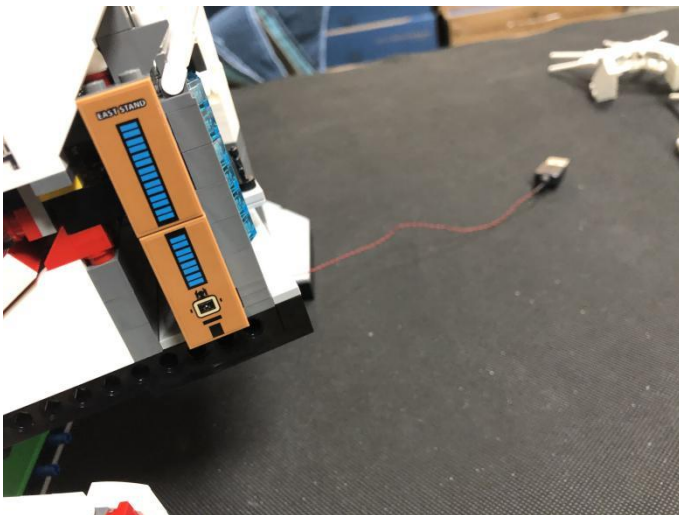
103



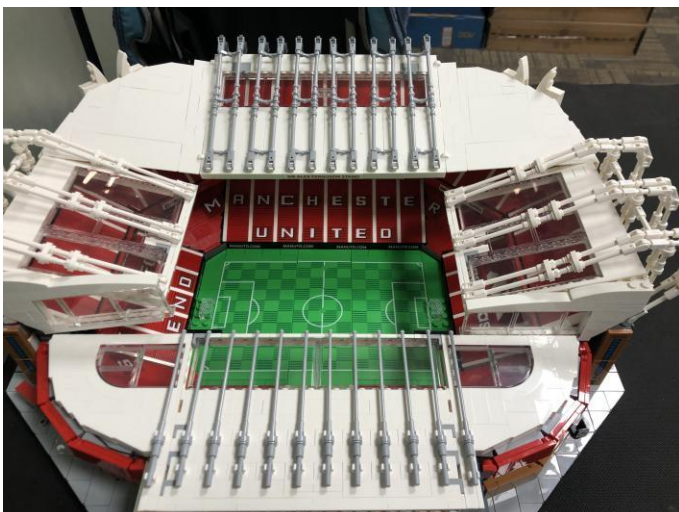
104. Take USB and connect it to the expansion board, as shown in the figure below.



105. Pull the USB from the bottom toward the outside of the court, as shown below.



106. Restore the stands.



107. Now we have finished the lighting kit!



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

