

## Carbon-freezing chamber Lighting Kit

### Package Contents:

Warm White Strip Lights

Blue Strip Lights

Connecting Cables

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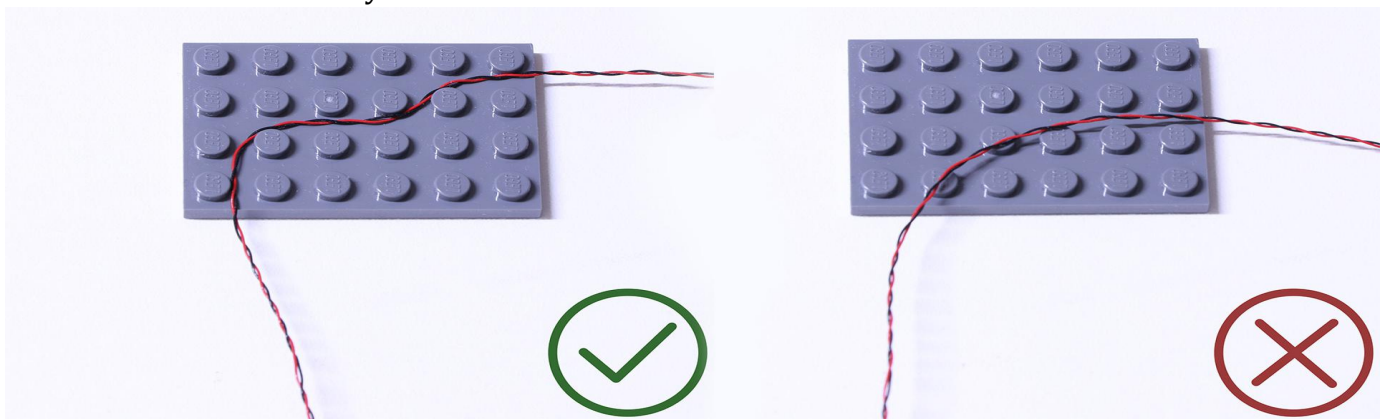
AA Battery pack

Extra LEGO Pieces

### Note:

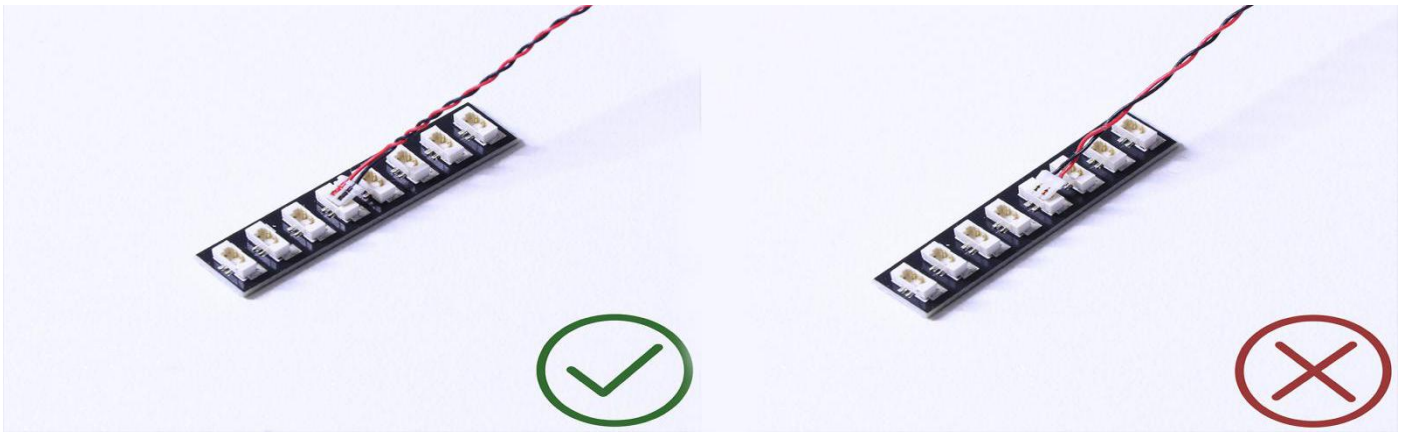
Place wires on the surface or under the LEGO building blocks.

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

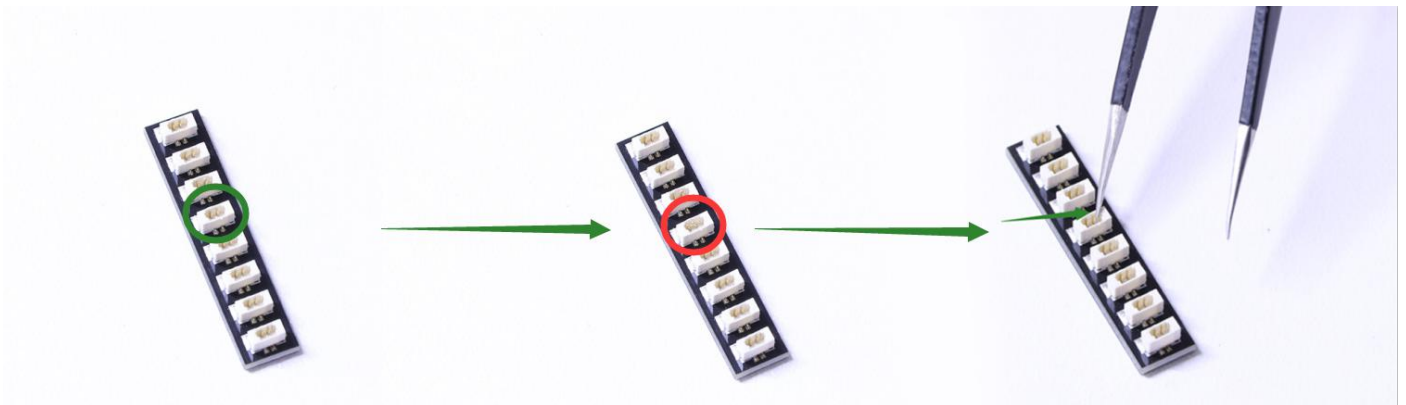


Insert the connectors to the ports.

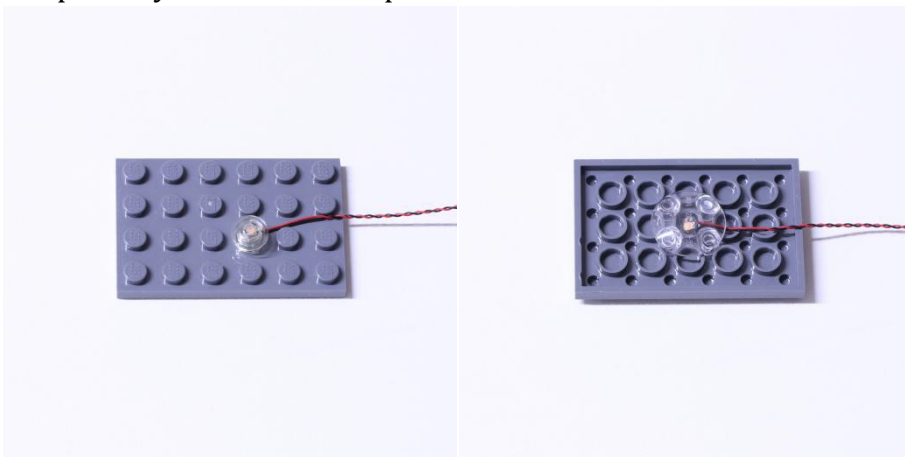
Be careful when you are operating, there's only one correct way to insert, make sure the expansion board is upward, find the soldered "=" sign on the left of the port. When you are inserting, the side which the wires can be seen should be faced to the "=" sign and if you feel hard to insert, please stop,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

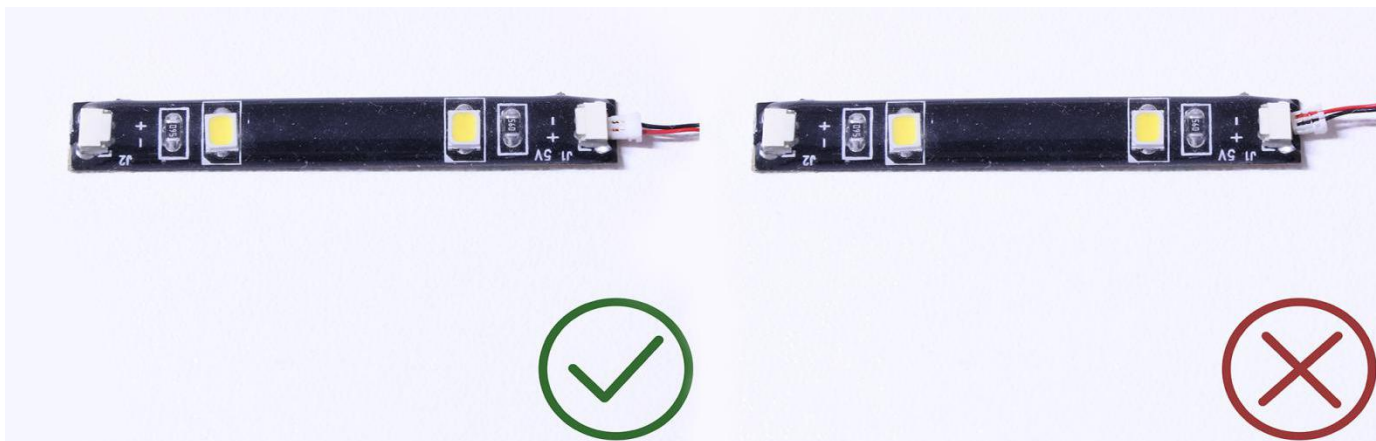


When installing dot lights, make sure they are correctly placed (Yellow LED package is exposed). You can put them either on the top of the studs or between studs.

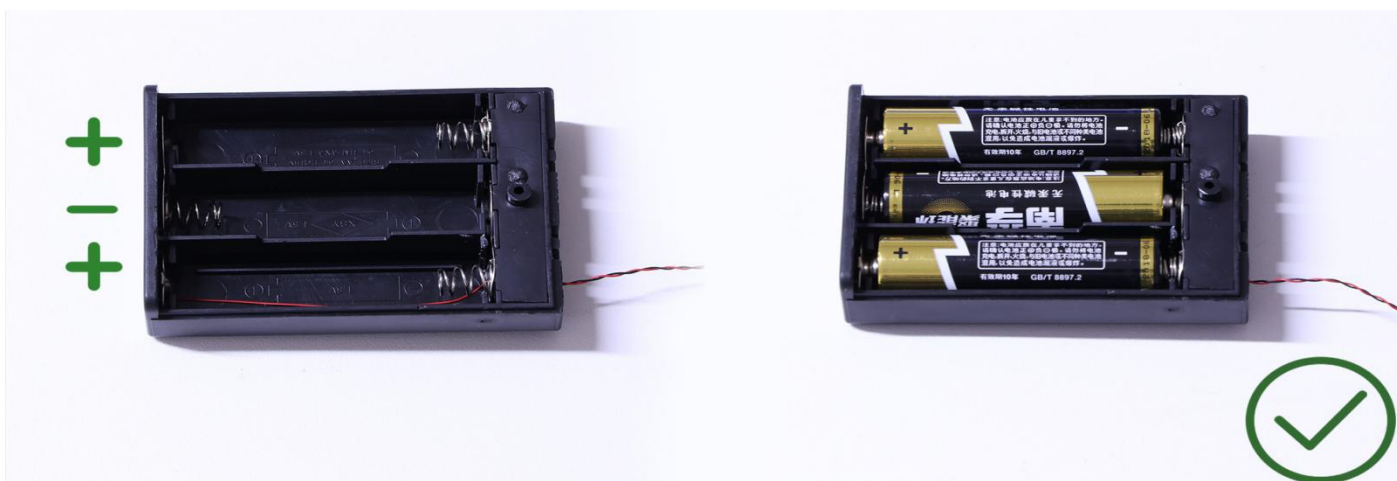


## Connecting cable connectors to Strip Lights

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.

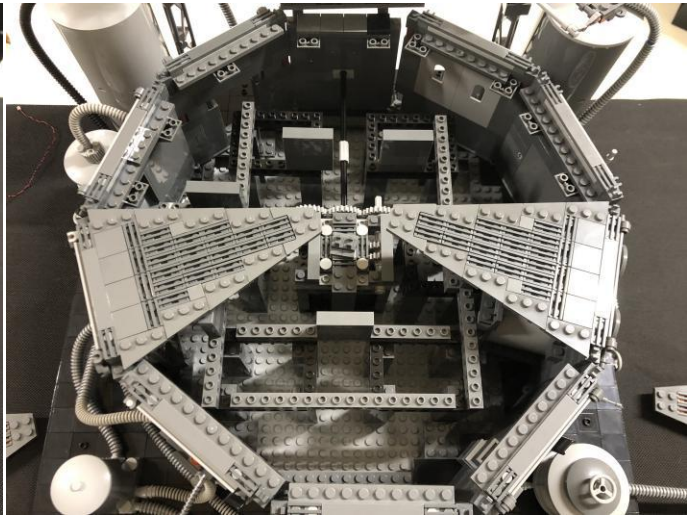
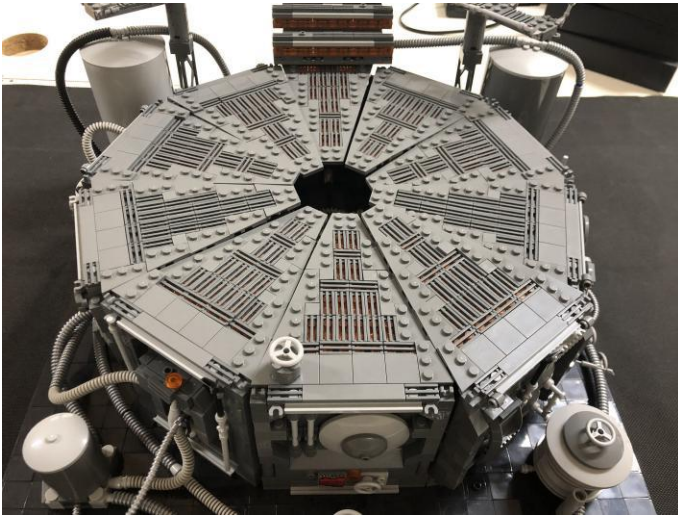




## Instructions for installing this kit

Start from install lights for the freezer

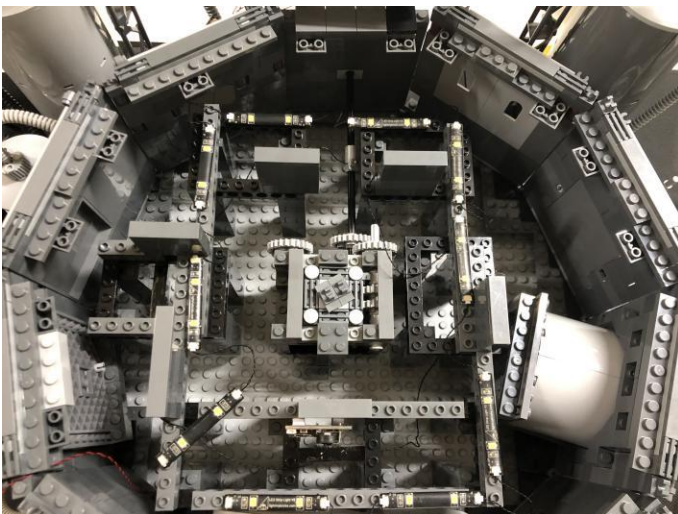
Remove the following pieces



Take 10 warm white strip lights, nine 5cm connecting cables, assemble them as per below

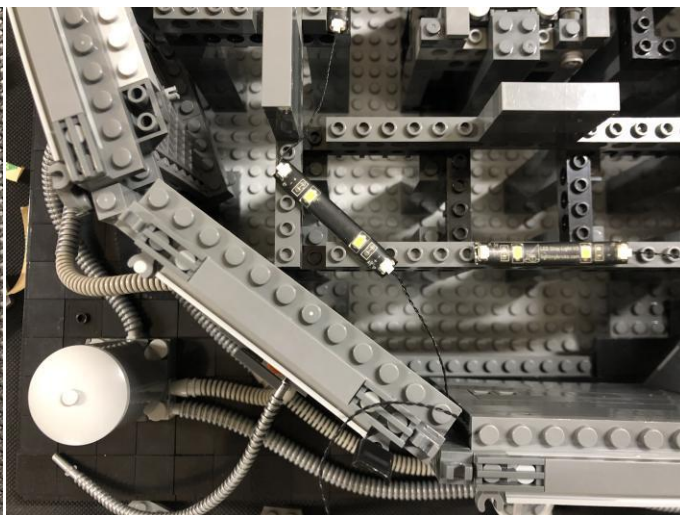


Stick the strip lights to the following places

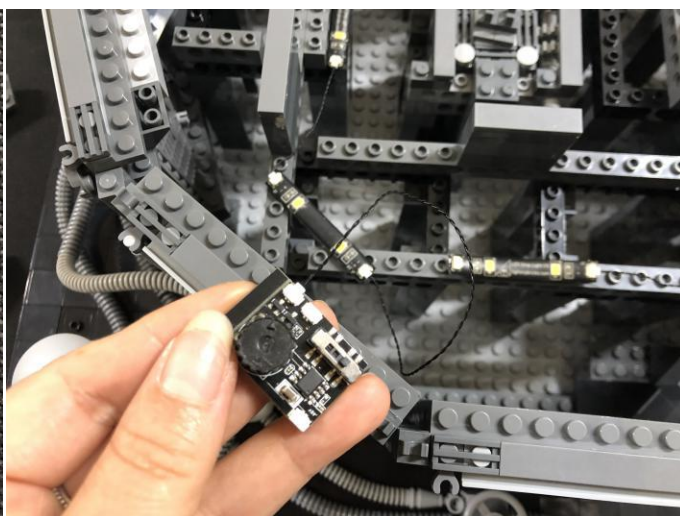
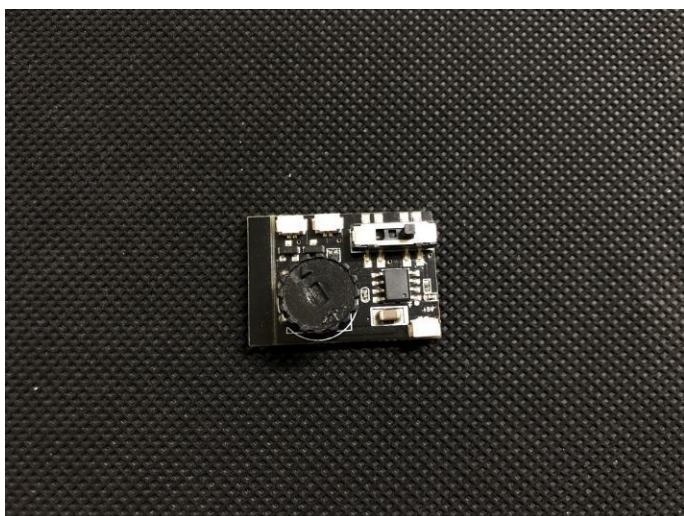


Take a 15cm connecting cable, connect it to the port of the following strip light

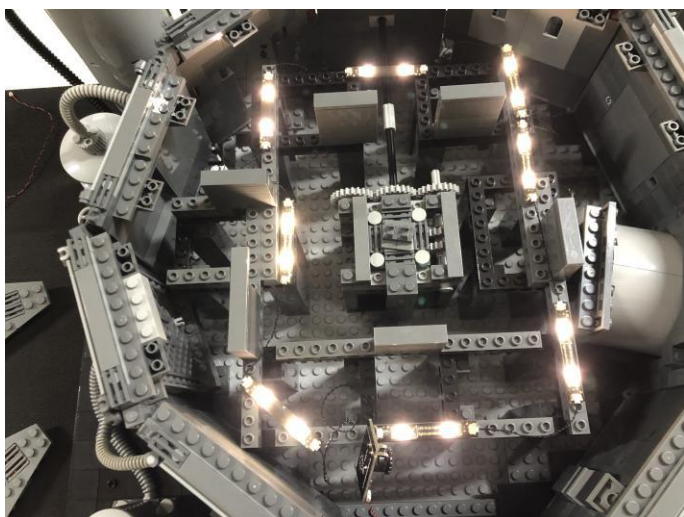




Take the Multi Effects Board, connect the other end of the 15cm connecting cable to it

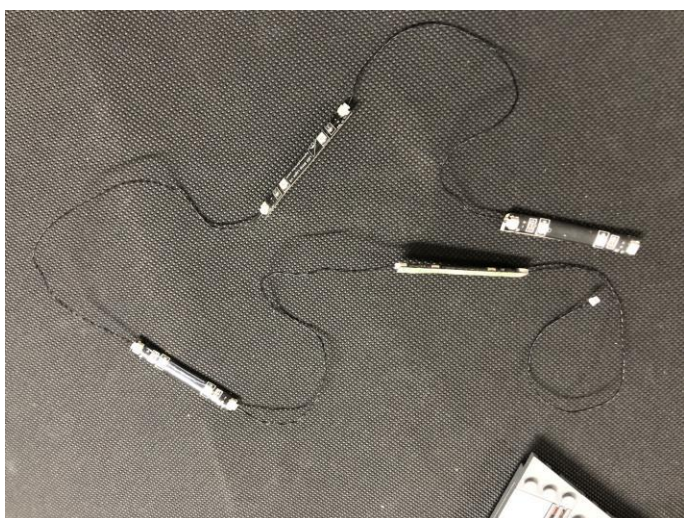


Turn the power on to verify the current

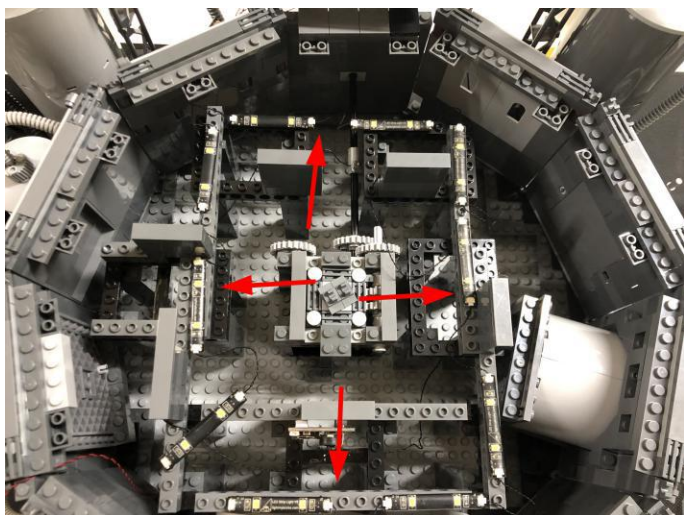


Take 4 blue strip lights, four 15cm connecting cables, assemble them as per below



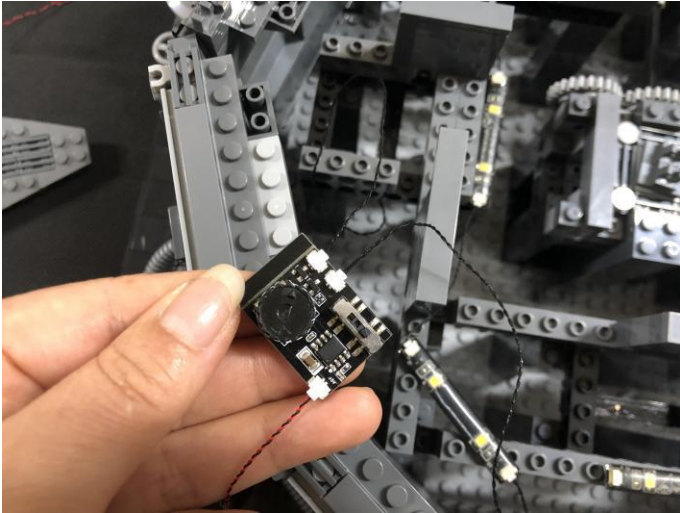


Stick the strip lights to the following places as per below

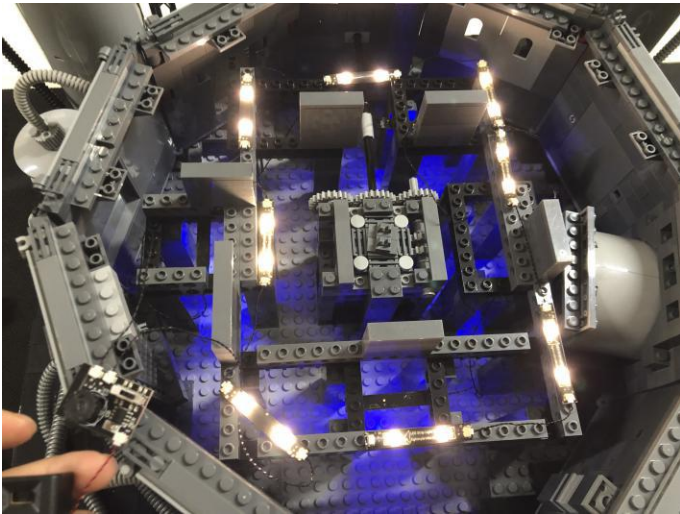


Connect the spare end of the connecting cable to the Multi Effects Board

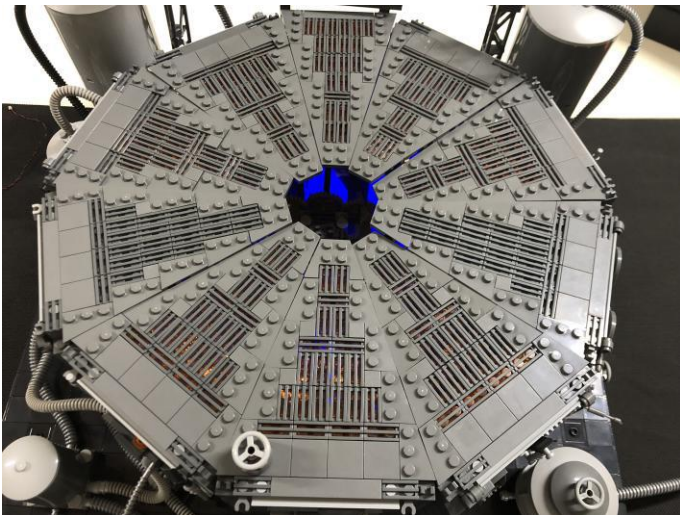




Turn the power on to see if all lights are working OK



Reconnect the pieces we removed before



This completes installation of this LED Lighting Kit. ENJOY!

