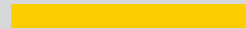




**LIGHT^{MY}
BRICKS**



**LEGO® THE ICE CASTLE #43197
LIGHT KIT
INSTALLATION GUIDE**

Light My Bricks



LEGO® THE ICE CASTLE 43197 LIGHT KIT INSTALLATION GUIDE

Hi There!

We're here to help you get started on the LEGO®

The Ice Castle (43197) Light Kit.

This PDF details the instructions for the LED light kit only. If you are wishing to purchase this product, please [click here](#) to view the product page.

If you run into any issues, please refer to the troubleshooting section towards the end of this guide.

Have fun and enjoy!



PACKAGE CONTENTS:



20 x Cool White 30cm Large Bit Light*
9 x Cool White 30cm Bit Light*



1x 6-Port Expansion Board
3 x 8-Port Expansion Board
1 x 12-Port Expansion Board
2 x Adhesive Squares



1 x Multi Effects Boards (3PFX)
1 x Twinkle Effects Board



2 x 5cm Connecting Cable
4 x 30cm Connecting Cable



1 x USB Power Cable
(Power Source not Included)

LEGO PIECES:

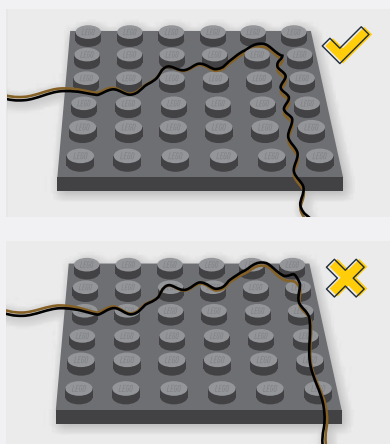


- 4 x 2x2 Plate 2x2 W Rounded Bottom - Trans Clear
- 2 x Round Plate 1x1 Open Stud - White

Contents

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Troubleshooting	55
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Before You Begin



Laying cables in between and underneath bricks

Cables can fit in between and underneath LEGO® bricks, plates, and tiles providing they are laid correctly between the LEGO® studs. Do NOT forcefully join LEGO® together around cables; instead ensure they are laying comfortably in between each stud.

CAUTION: Forcing LEGO® to connect over a cable can result in damaging the cable and light.

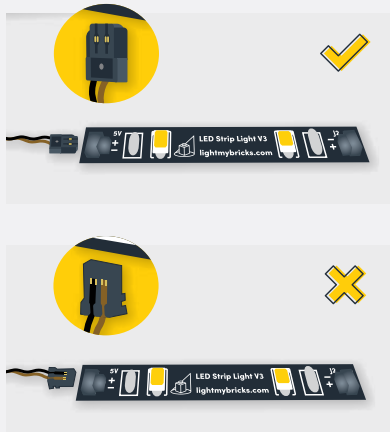


Connecting Cable Connectors To Expansion Boards

Take extra care when inserting connectors to ports of Expansion Boards. Connectors can be inserted only one way. With the expansion board facing up, look for the soldered “=” symbol on the left side of the port. The connector side with the wires exposed should be facing toward the soldered “=” symbol as you insert into the port. If a plug won’t fit easily into a port connector, do not force it.

Incorrectly inserting the connector can result in bent pins inside the port or possible overheating of the expansion board when connected.

Before You Begin



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.



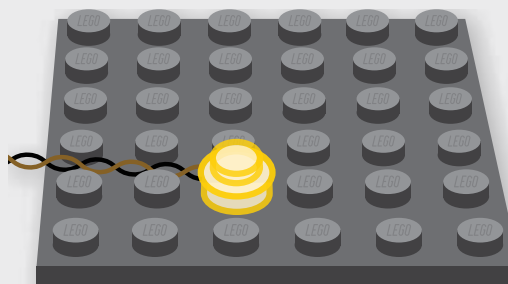
Connecting Micro Cable Connectors To Micro Expansion Board Ports

Take extra care when inserting the micro connectors to micro ports of Micro Expansion Boards. Connecting Micro Bit Lights to Micro Expansion Boards is similar to connecting lights and cables to Strip Lights. With the expansion board 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, do not force it. Use your fingernail to push the plastic part of the connector to the micro port.

Before You Begin

Installing Bit Lights Under Lego® Bricks And Plates

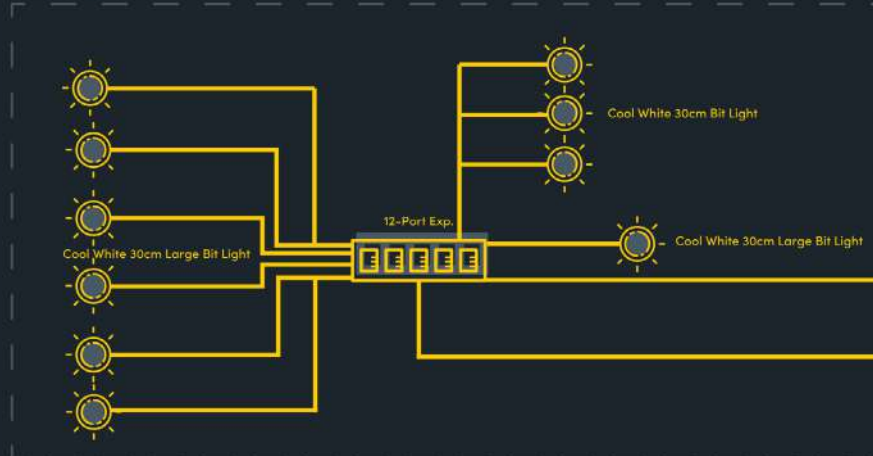
When installing Bit Lights under LEGO® pieces, ensure they are placed the correct way up (Yellow LED component exposed). You can either place them directly on top of LEGO® studs or in between.



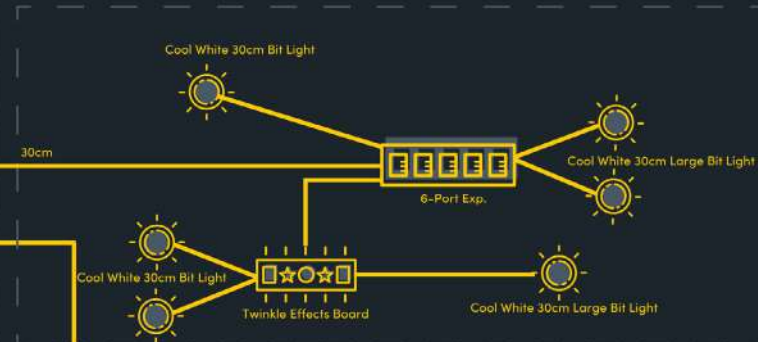


BLUEPRINT

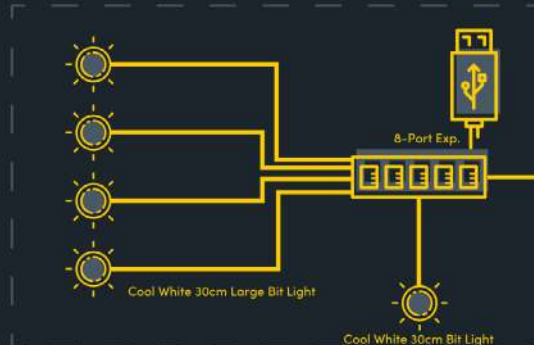
Steps 28-40



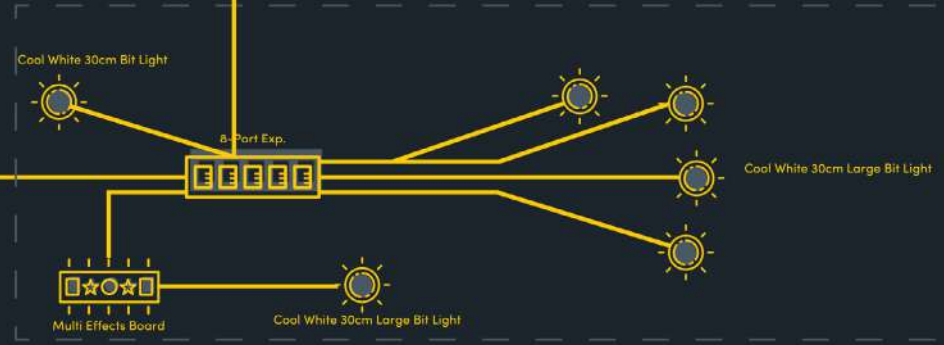
Steps 41-51



Steps 1-11



Steps 12-27





INSTRUCTIONS

To ensure a smooth installation of your light kit, please read and follow each step carefully. If you run into any issues, please refer to the online troubleshooting guide.

1



Legend

→ DISCONNECT

→ CONNECT / RECONNECT

↻ TURN / FLIP

→ DIRECTIONAL

↻ TWIST / BRAID

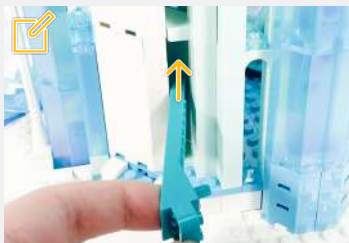
☀ POWER ON TEST

📝 NOTE ICON

2



Use the LEGO Removal Tool to push the door open



3



Legend

DISCONNECT
 CONNECT / RECONNECT
 TURN / FLIP
 DIRECTIONAL
 TWIST / BRAID
 POWER ON TEST
 NOTE ICON

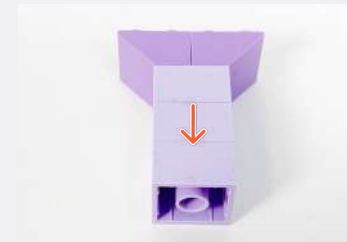
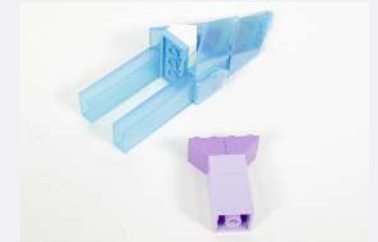
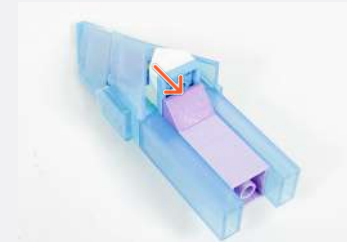
4



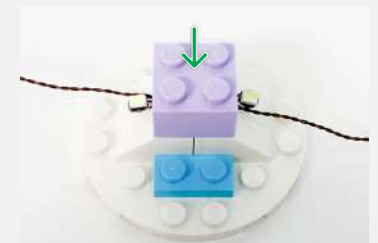
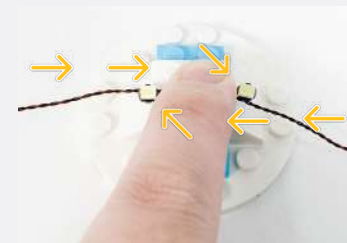
Cool White 30cm Bit Light



5

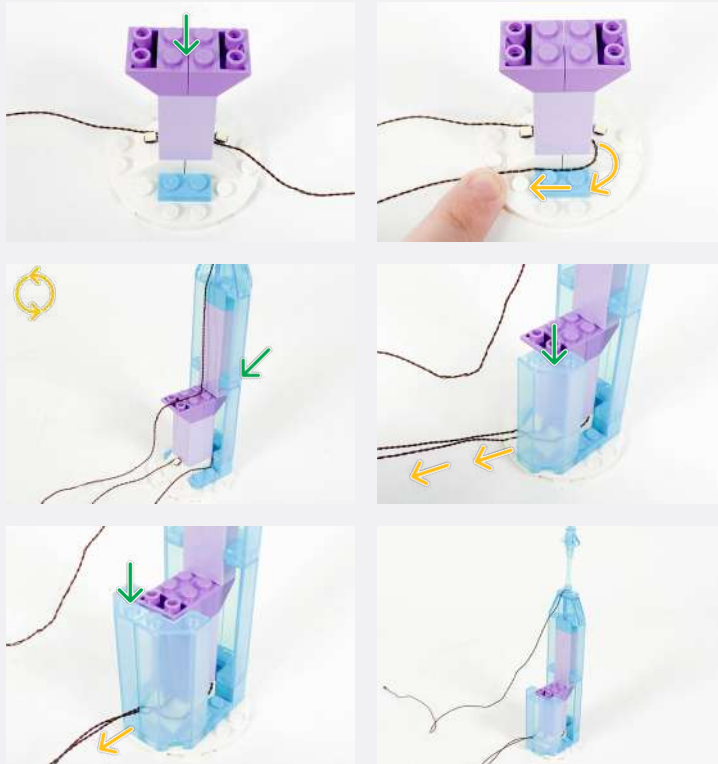


2 x Cool White 30cm Large Bit Light

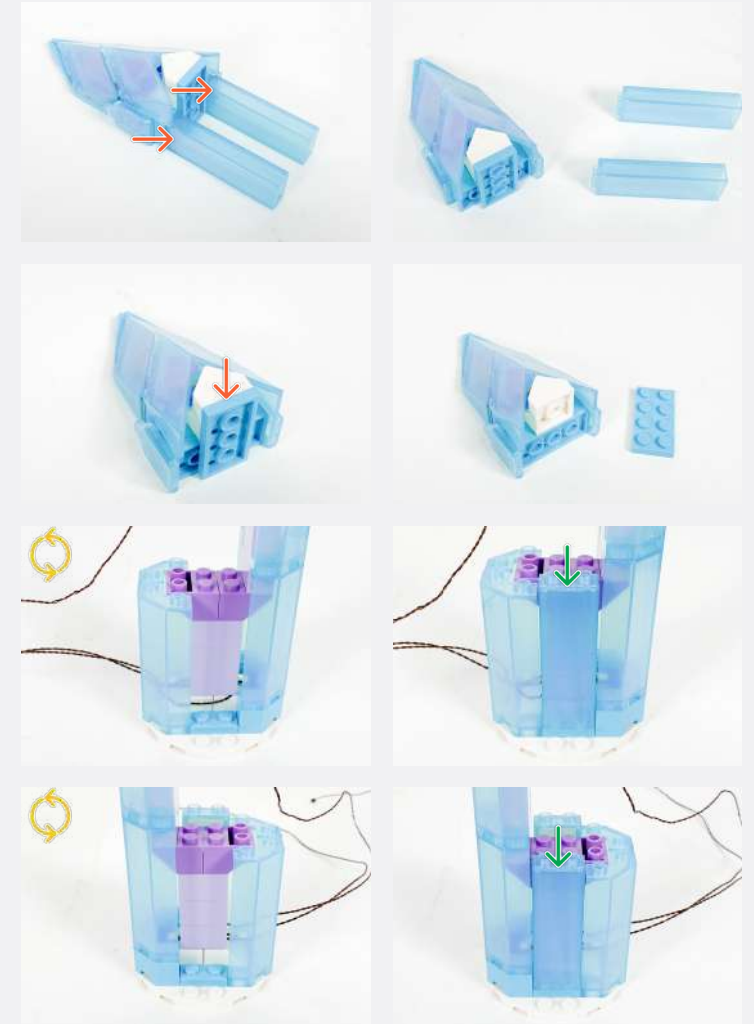


Legend

 DISCONNECT
  CONNECT / RECONNECT
  TURN / FLIP
  DIRECTIONAL
  TWIST / BRAID
  POWER ON TEST
  NOTE ICON

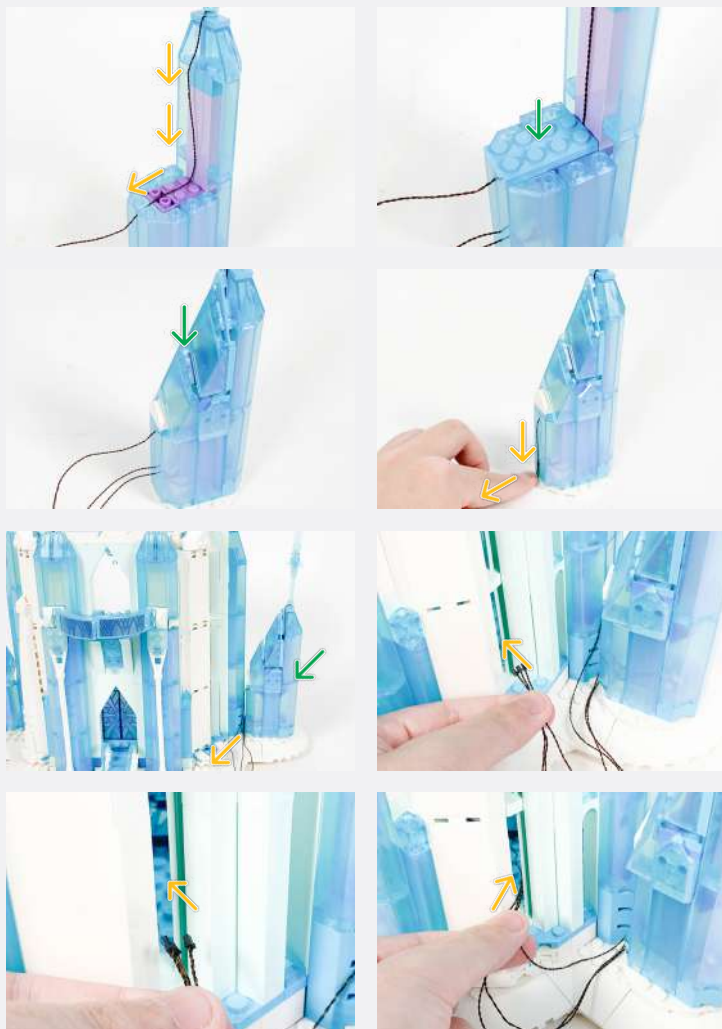


6



Legend

- DISCONNECT
- CONNECT / RECONNECT
- ↻ TURN / FLIP
- DIRECTIONAL
- ↻ TWIST / BRAID
- ⚡ POWER ON TEST
- 📝 NOTE ICON



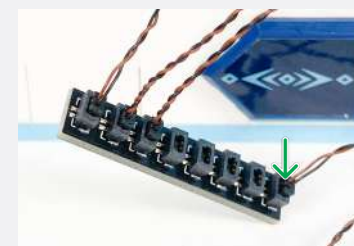
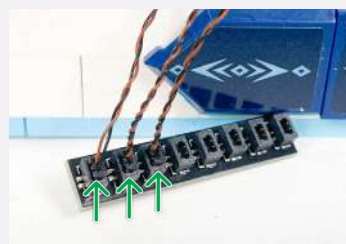
7



8-Port Expansion Board



USB Power Cable

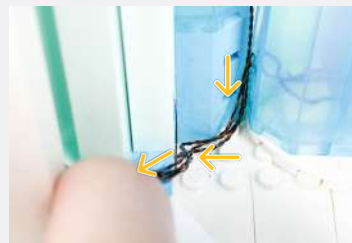


Legend

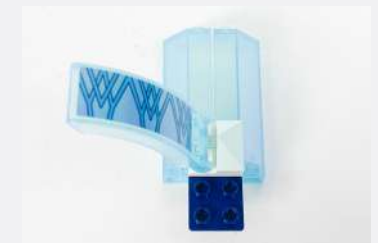
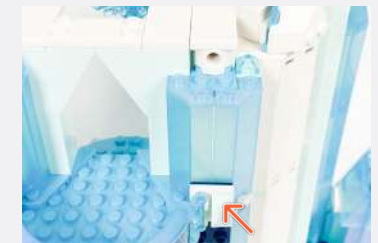
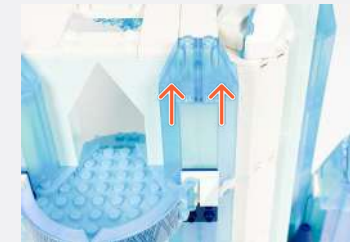
- DISCONNECT
- CONNECT / RECONNECT
- ↻ TURN / FLIP
- DIRECTIONAL
- ↻ TWIST / BRAID
- ⚡ POWER ON TEST
- 📝 NOTE ICON

📌 If you experience any issues with the lights not working and suspect an issue with a component, please try a different port on the expansion board to verify where the fault lies (with the light or expansion board). To correct any issues with expansion board ports, please view the section addressing expansion board issues in our troubleshooting section.

📌 Connect the other end to a USB Power Bank, USB Wall Adaptor, or USB to AA Battery Pack (sold separately)




8



Legend

→ DISCONNECT → CONNECT / RECONNECT ↺ TURN / FLIP → DIRECTIONAL ↻ TWIST / BRAID ✨ POWER ON TEST 📌 NOTE ICON

 Pull the LEGO pieces outwards to remove them

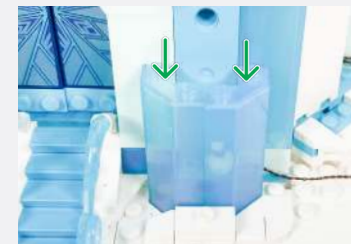
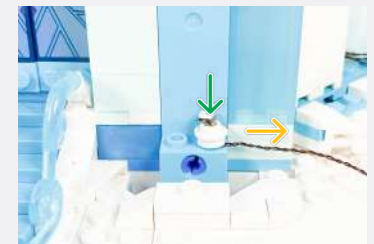
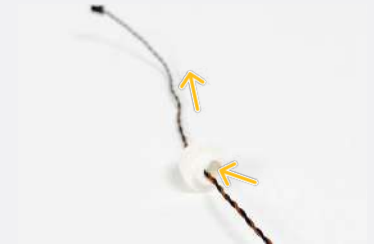


9

Cool White 30cm Large Bit Light

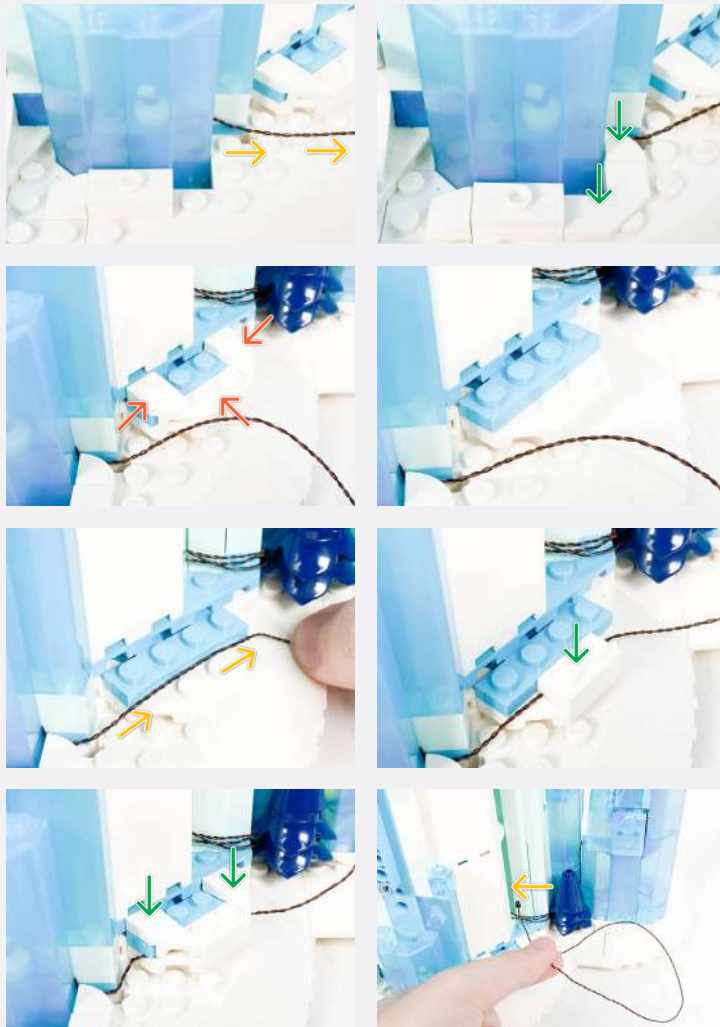


Round Plate 1x1
Open Stud - White



Legend

 DISCONNECT
  CONNECT / RECONNECT
  TURN / FLIP
  DIRECTIONAL
  TWIST / BRAID
  POWER ON TEST
  NOTE ICON



Legend

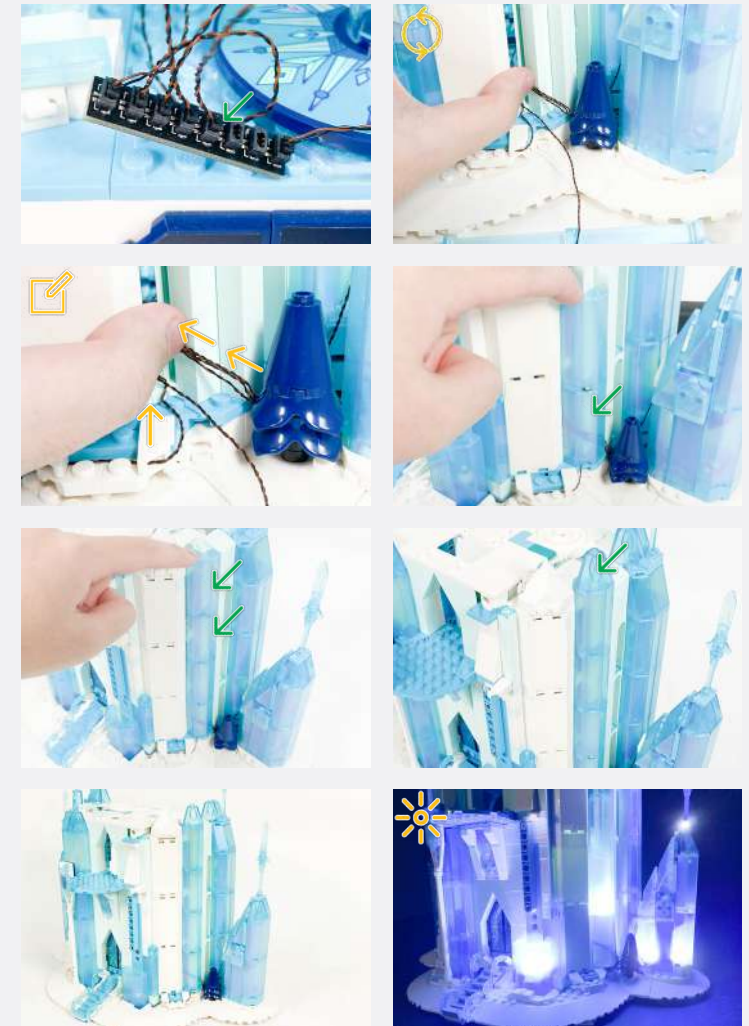
 DISCONNECT
  CONNECT / RECONNECT
  TURN / FLIP
  DIRECTIONAL
  TWIST / BRAID
  POWER ON TEST
  NOTE ICON

10

🔧 If you experience any issues with the lights not working and suspect an issue with a component, please try a different port on the expansion board to verify where the fault lies (with the light or expansion board). To correct any issues with expansion board ports, please view the section addressing expansion board issues in our troubleshooting section.



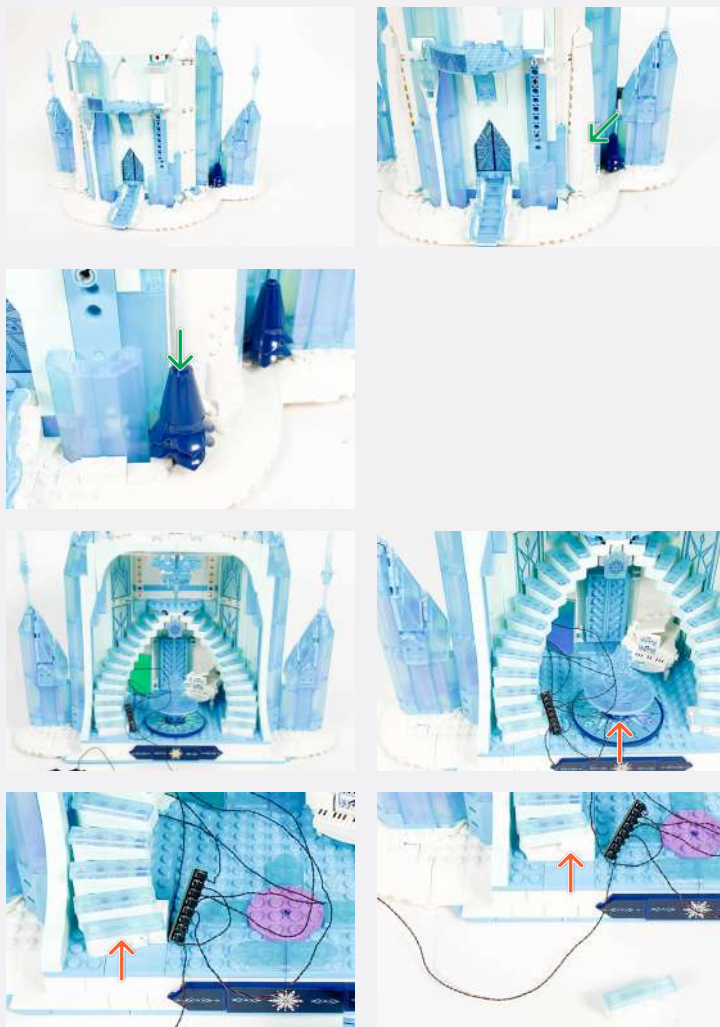
🔧 Ensure the Bit Lights from step 7 are running alongside the LEGO piece when re-attaching



Legend

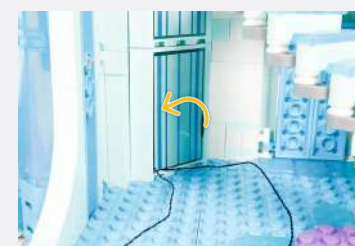
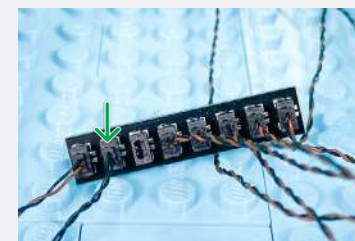
→ DISCONNECT → CONNECT / RECONNECT ↺ TURN / FLIP → DIRECTIONAL ↻ TWIST / BRAID ✨ POWER ON TEST 📝 NOTE ICON

11

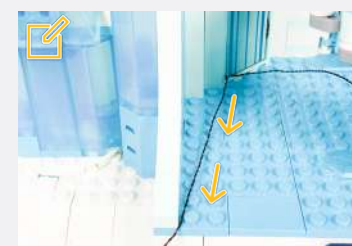
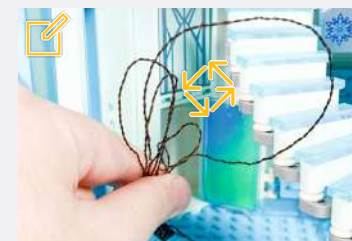


✂ Twist all the Bit Lights together excluding the Connecting Cable and USB Power Cable

✂ Pull the USB Power Cable downwards



30cm Connecting Cable



Legend

→ DISCONNECT

→ CONNECT / RECONNECT

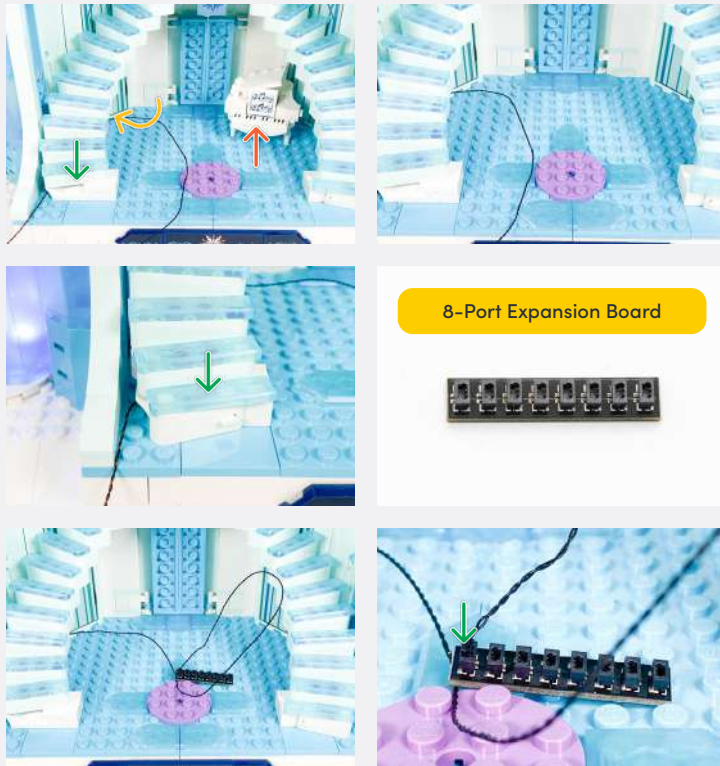
↻ TURN / FLIP

→ DIRECTIONAL

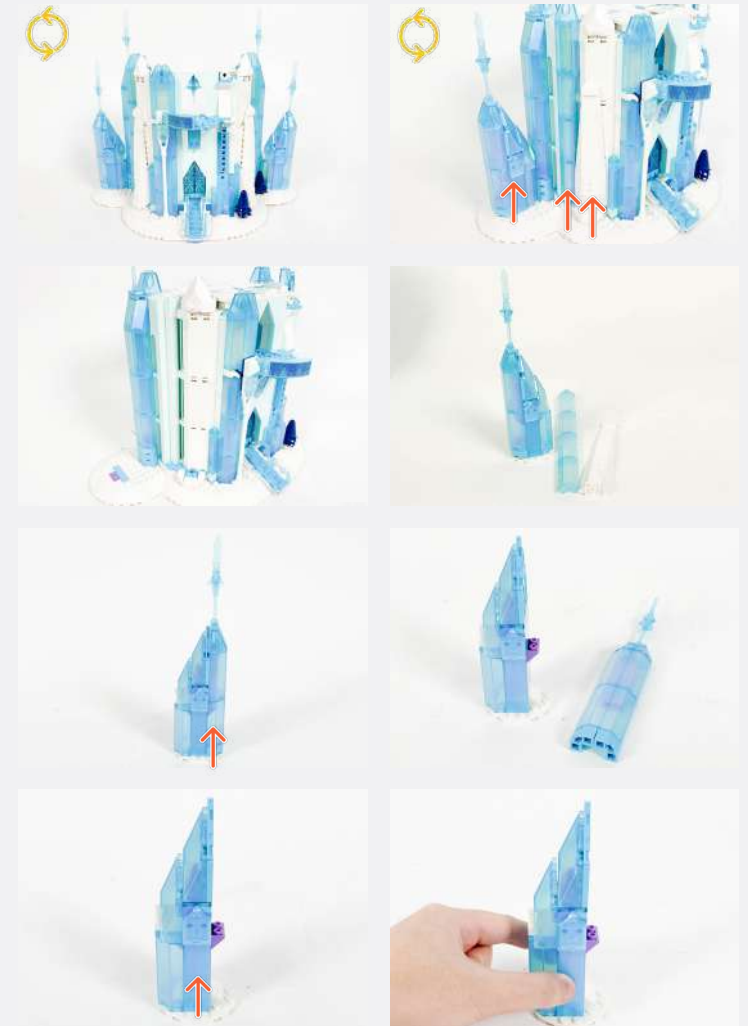
✂ TWIST / BRAID

✱ POWER ON TEST

✂ NOTE ICON

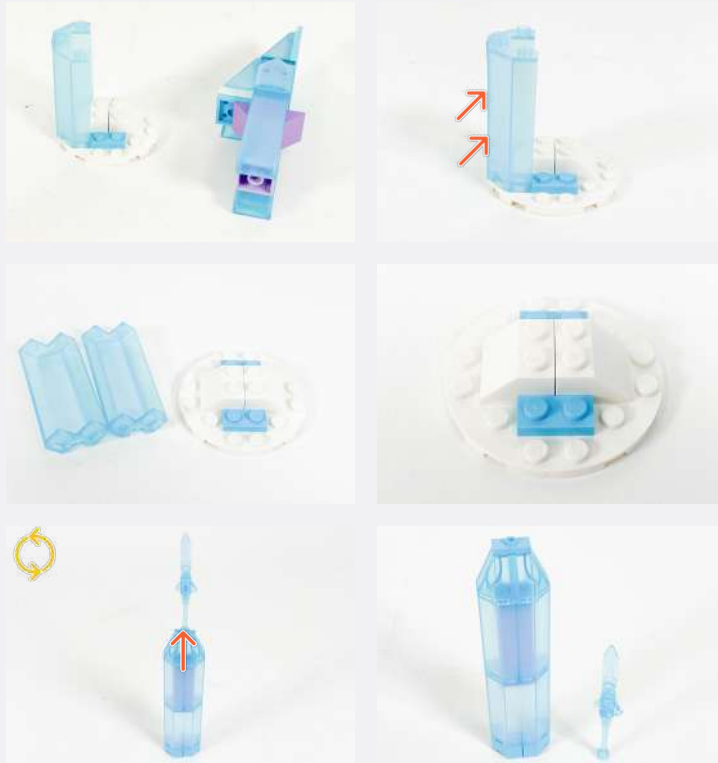


12



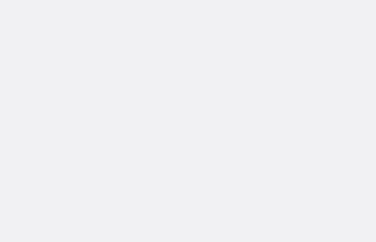
Legend

DISCONNECT
 CONNECT / RECONNECT
 TURN / FLIP
 DIRECTIONAL
 TWIST / BRAID
 POWER ON TEST
 NOTE ICON



13

Cool White 30cm Bit Light



Legend

→ DISCONNECT

→ CONNECT / RECONNECT

↻ TURN / FLIP

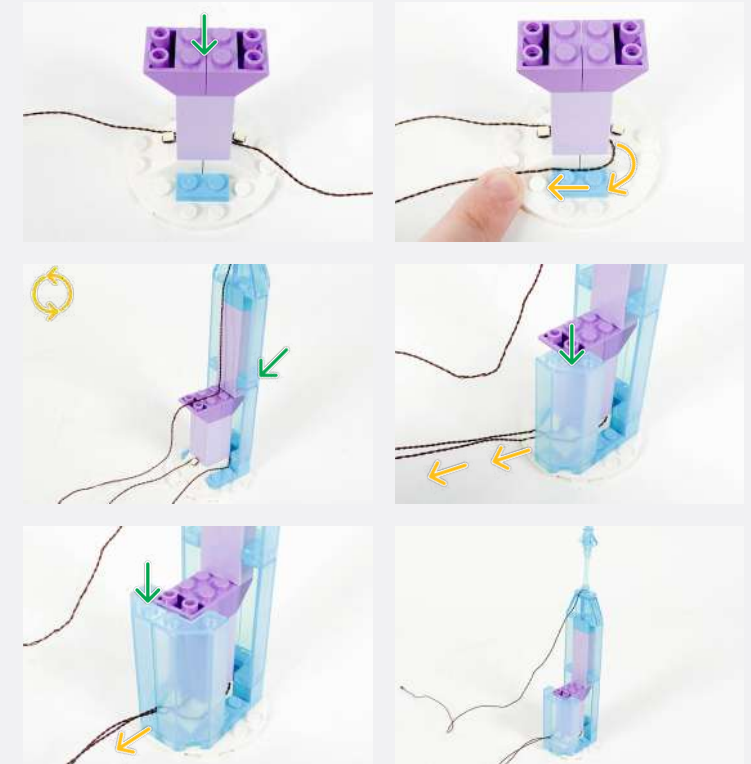
→ DIRECTIONAL

↻ TWIST / BRAID

⚡ POWER ON TEST

📝 NOTE ICON

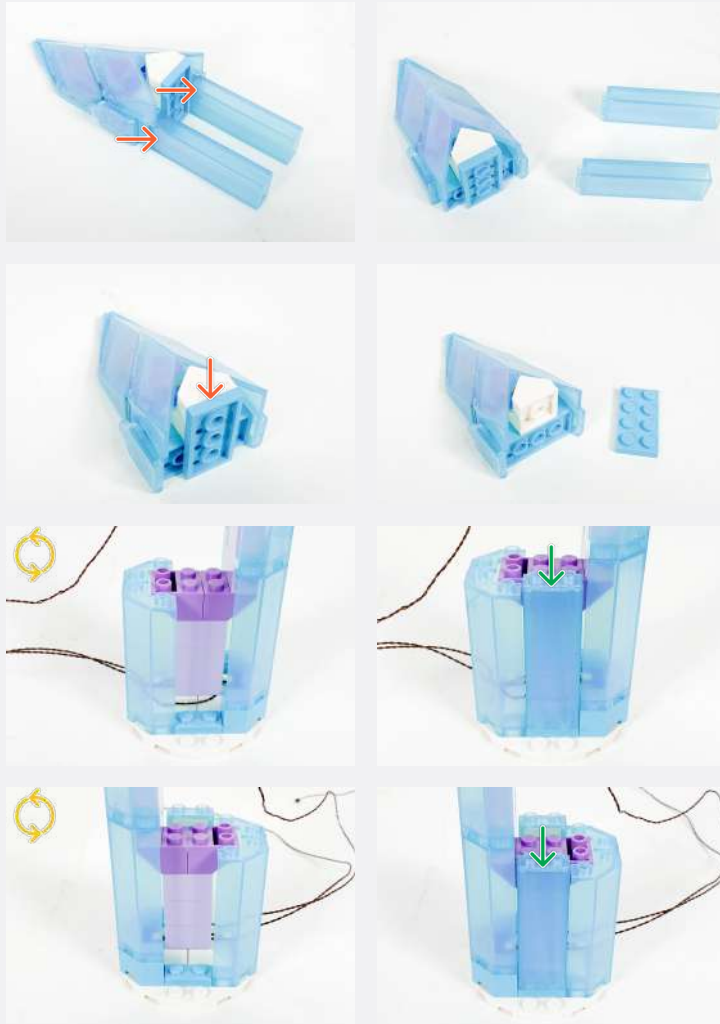
14



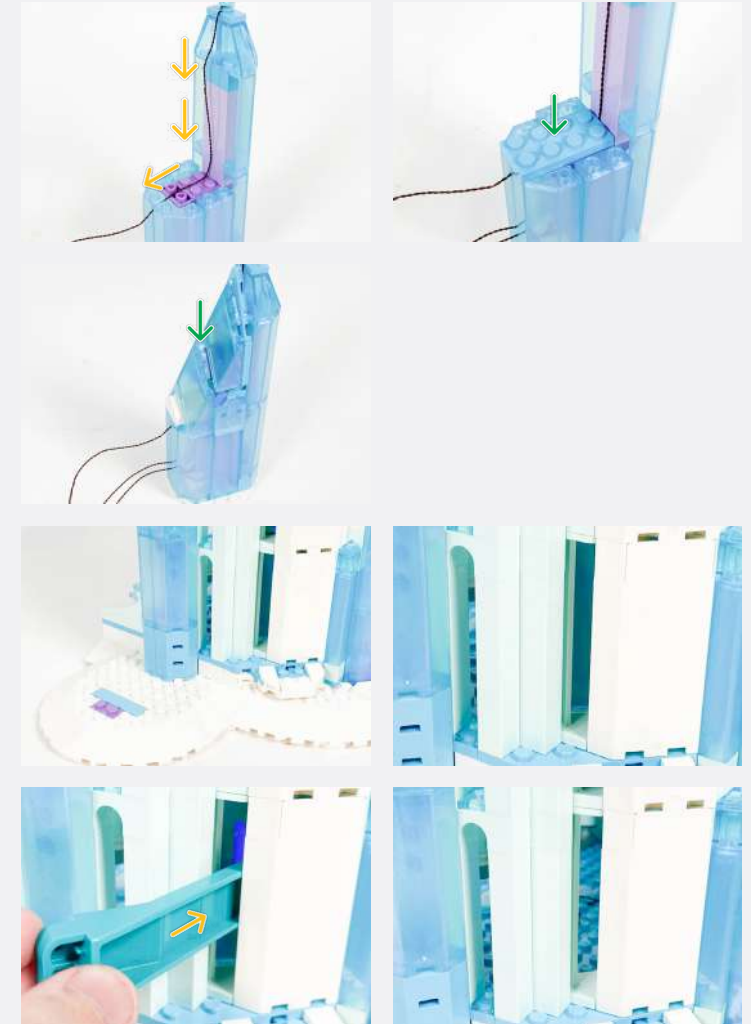
Legend

 DISCONNECT
  CONNECT / RECONNECT
  TURN / FLIP
  DIRECTIONAL
  TWIST / BRAID
  POWER ON TEST
  NOTE ICON

15



16

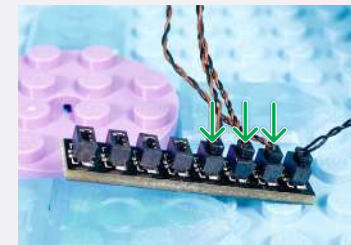
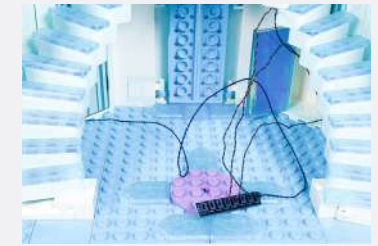


Legend

 DISCONNECT
  CONNECT / RECONNECT
  TURN / FLIP
  DIRECTIONAL
  TWIST / BRAID
  POWER ON TEST
  NOTE ICON

📌 If you experience any issues with the lights not working and suspect an issue with a component, please try a different port on the expansion board to verify where the fault lies (with the light or expansion board). To correct any issues with expansion board ports, please view the section addressing expansion board issues in our troubleshooting section.

17



Legend

→ DISCONNECT

→ CONNECT / RECONNECT

↻ TURN / FLIP

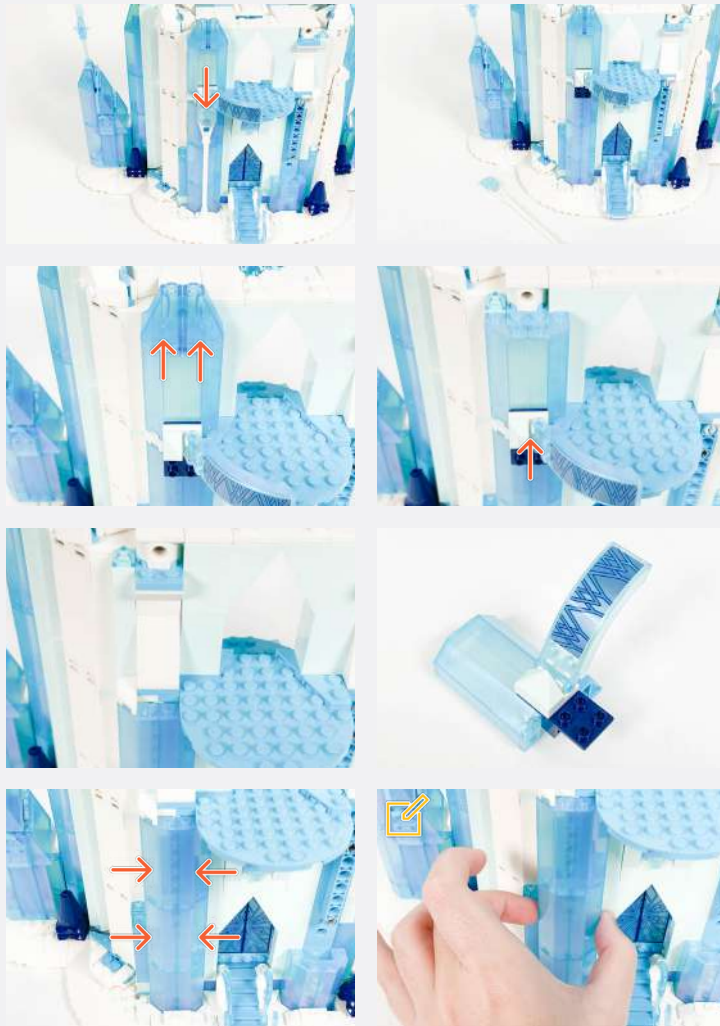
→ DIRECTIONAL


↻ TWIST / BRAID

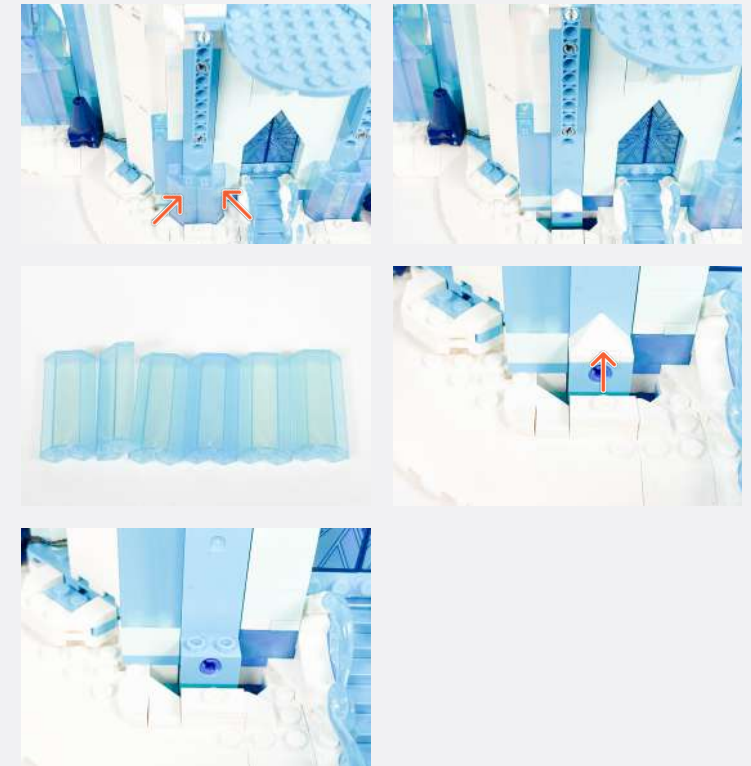
☀ POWER ON TEST

📌 NOTE ICON

18



 Pull the LEGO pieces outwards to remove them



Legend

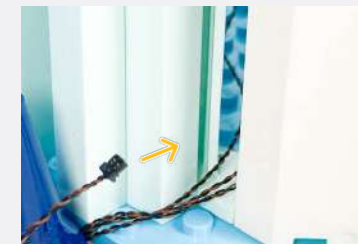
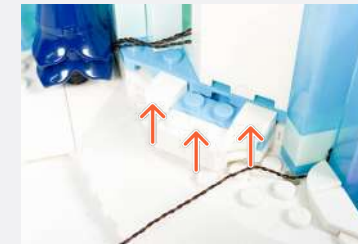
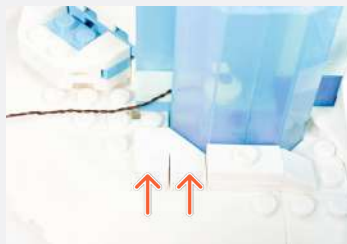
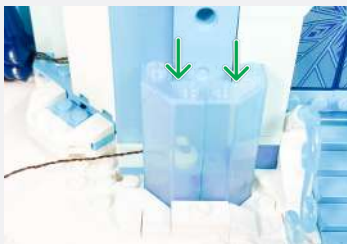
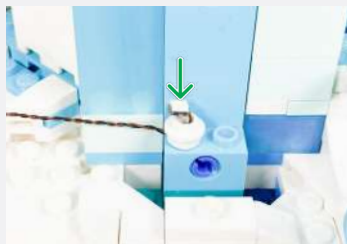
 DISCONNECT
  CONNECT / RECONNECT
  TURN / FLIP
  DIRECTIONAL
  TWIST / BRAID
  POWER ON TEST
  NOTE ICON

19

Cool White 30cm Large Bit Light



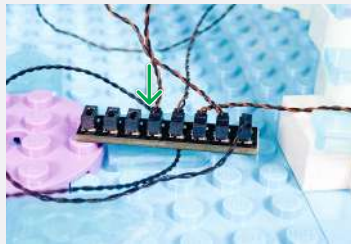
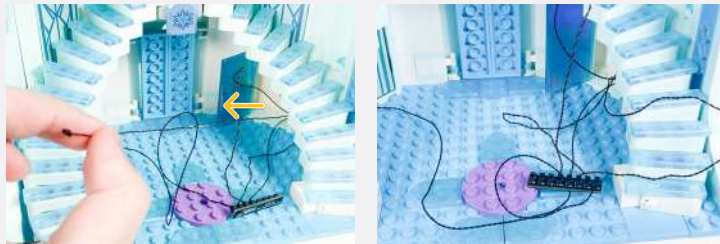
Round Plate 1x1
Open Stud - White



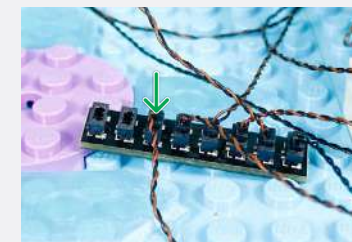
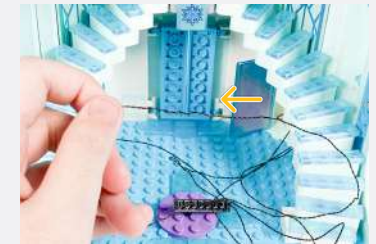
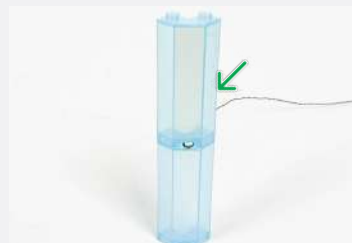
Legend

- DISCONNECT
- CONNECT / RECONNECT
- ↻ TURN / FLIP
- DIRECTIONAL
- ↻ TWIST / BRAID
- ✱ POWER ON TEST
- 📝 NOTE ICON

20



Cool White 30cm Large Bit Light

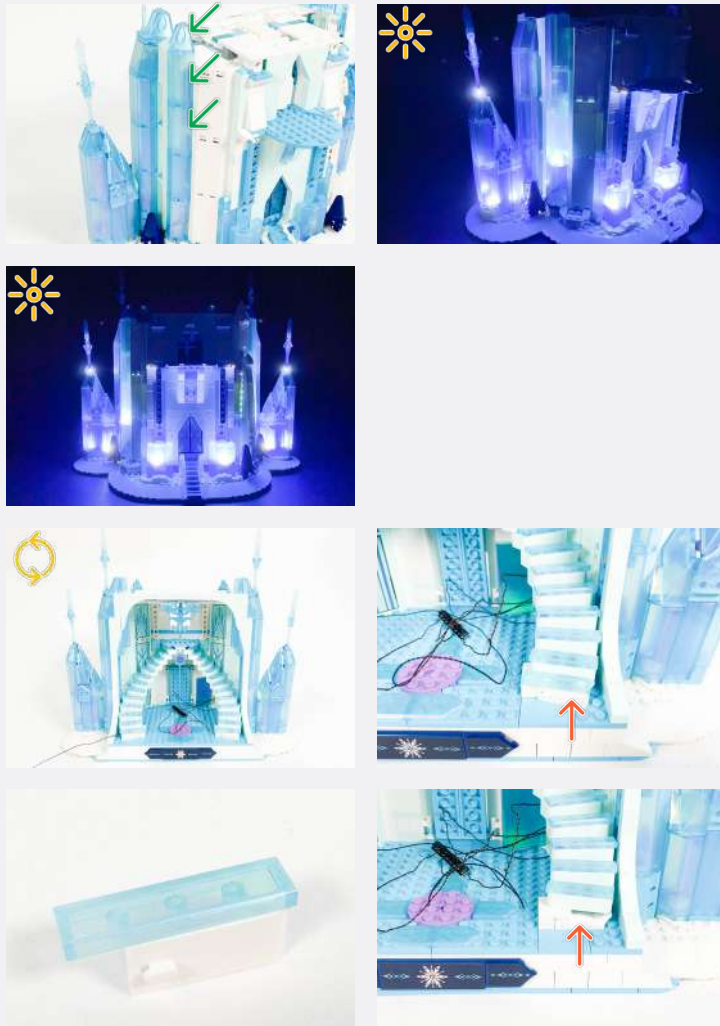


Legend

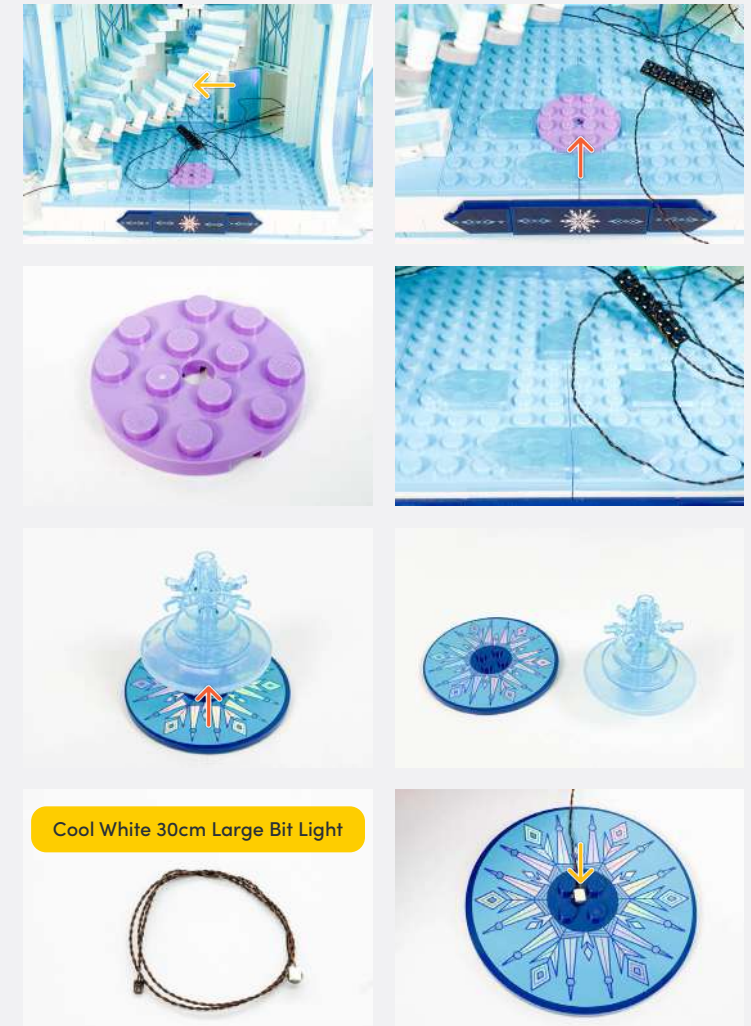
- DISCONNECT
- CONNECT / RECONNECT
- ↻ TURN / FLIP
- DIRECTIONAL
- ↻ TWIST / BRAID
- ⚡ POWER ON TEST
- 📝 NOTE ICON

📌 If you experience any issues with the lights not working and suspect an issue with a component, please try a different port on the expansion board to verify where the fault lies (with the light or expansion board). To correct any issues with expansion board ports, please view the section addressing expansion board issues in our troubleshooting section.

22



23



Cool White 30cm Large Bit Light

Legend

→ DISCONNECT → CONNECT / RECONNECT ↺ TURN / FLIP → DIRECTIONAL ↻ TWIST / BRAID ☀ POWER ON TEST 📌 NOTE ICON



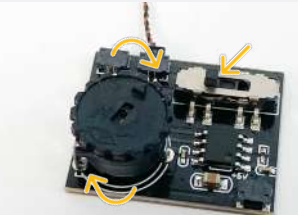
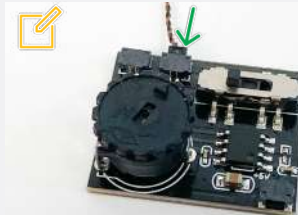
24

✍ Set the switch to the left for the "flash effect".

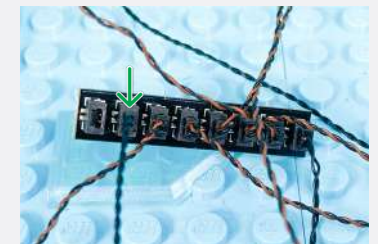
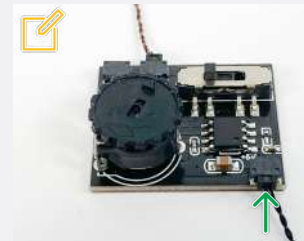
Set the speed of the flash to the fastest speed by turning the dial clockwise

✍ Connect the 5cm Connecting Cable to the '+5V' Port on the Mutli Effects Board

Multi Effects Board



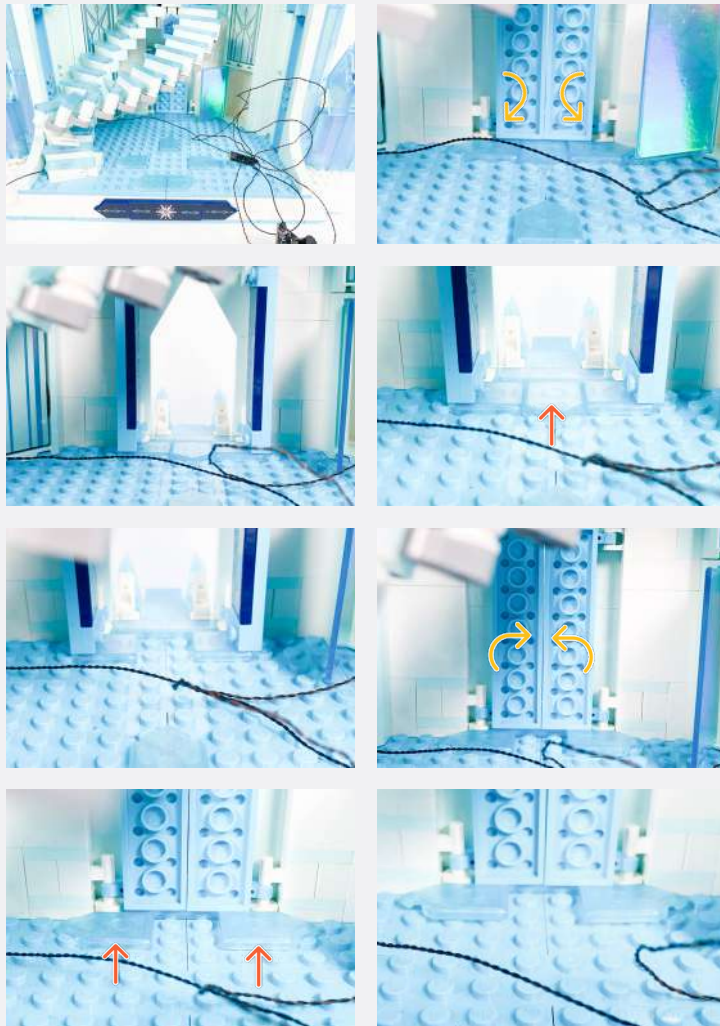
5cm Connecting Cable




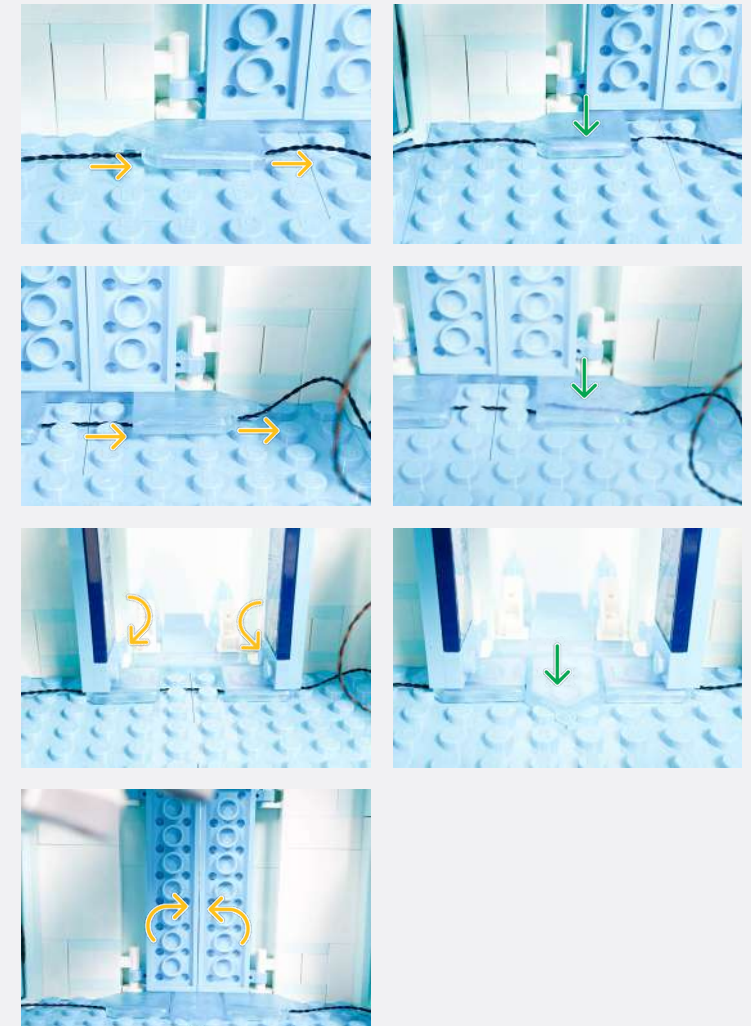
Legend

→ DISCONNECT → CONNECT / RECONNECT ↺ TURN / FLIP → DIRECTIONAL ↻ TWIST / BRAID ✨ POWER ON TEST ✍ NOTE ICON

25



 Slightly lift the two tiles so that we can thread the 30cm Connecting Cable underneath



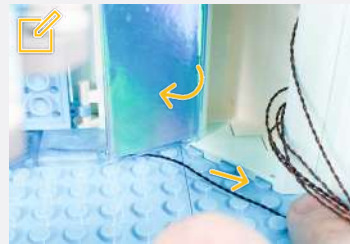
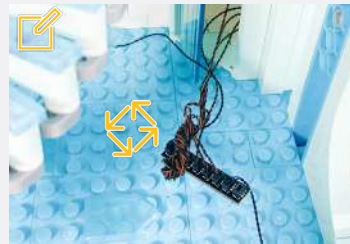
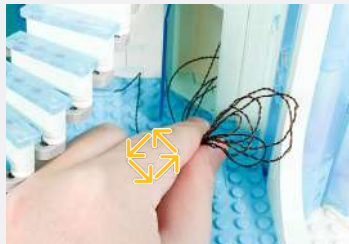
Legend

 DISCONNECT
  CONNECT / RECONNECT
  TURN / FLIP
  DIRECTIONAL
  TWIST / BRAID
  POWER ON TEST
  NOTE ICON

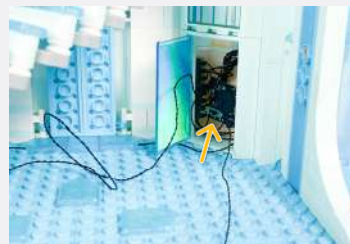
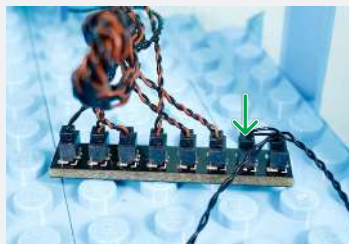
26

✂ Twist the cables excluding the 5cm Connecting Cable

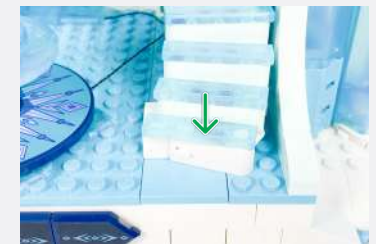
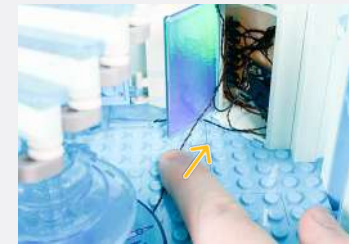
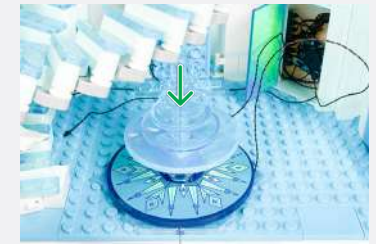
✂ Ensure the 30cm Connecting Cable is threaded below the door



30cm Connecting Cable



✂ Pull the loose 30cm Connecting Cable upwards, out of the door

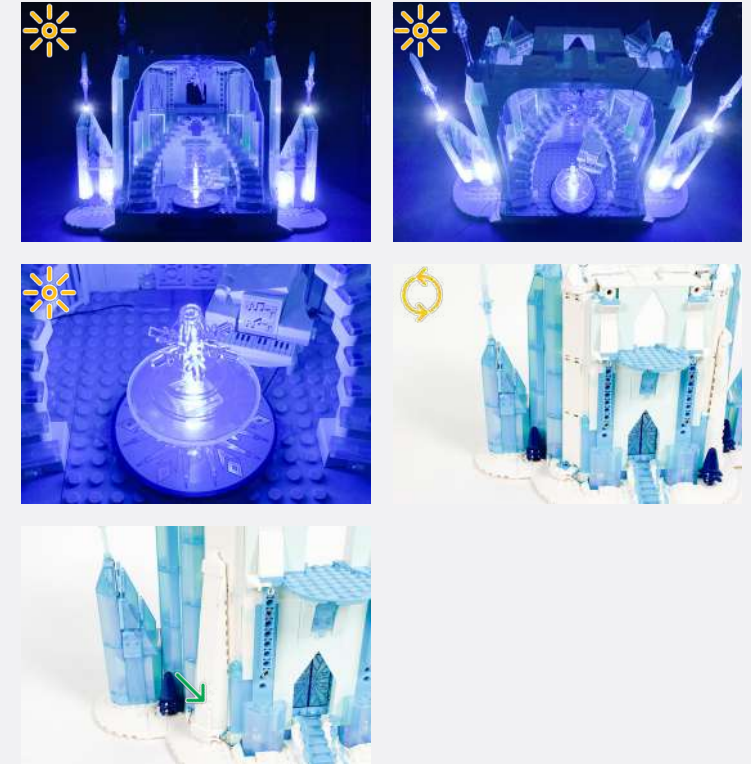
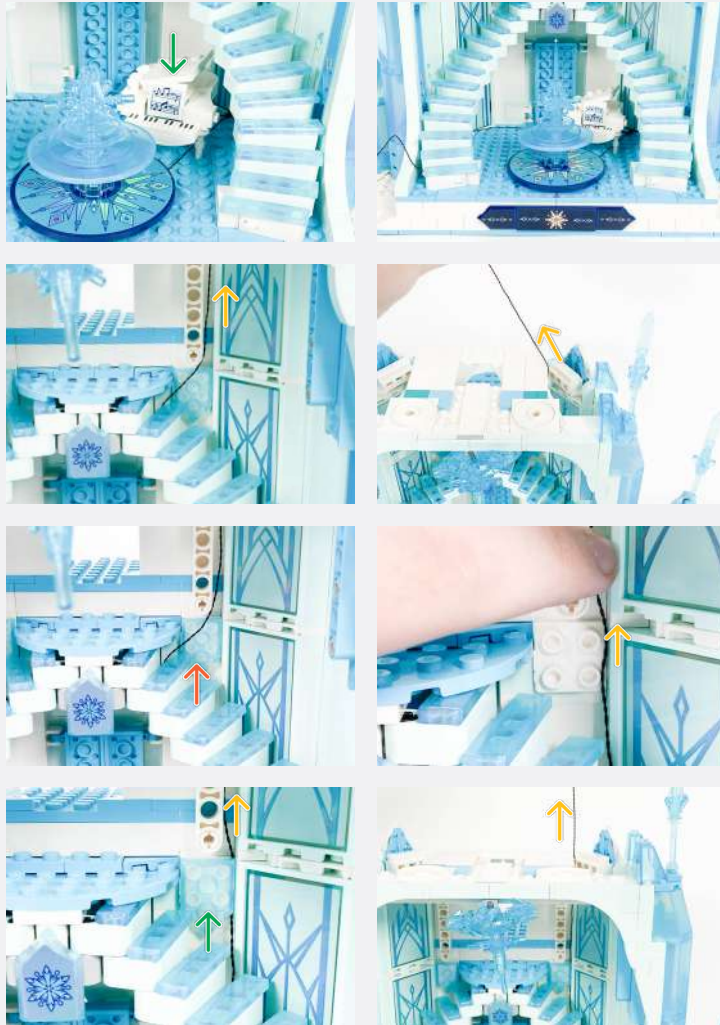


Legend

→ DISCONNECT → CONNECT / RECONNECT ↺ TURN / FLIP → DIRECTIONAL ✂ TWIST / BRAID ✨ POWER ON TEST ✂ NOTE ICON

📌 If you experience any issues with the lights not working and suspect an issue with a component, please try a different port on the expansion board to verify where the fault lies (with the light or expansion board). To correct any issues with expansion board ports, please view the section addressing expansion board issues in our troubleshooting section.

27



Legend

→ DISCONNECT → CONNECT / RECONNECT ↺ TURN / FLIP → DIRECTIONAL ↻ TWIST / BRAID ☀ POWER ON TEST 📌 NOTE ICON

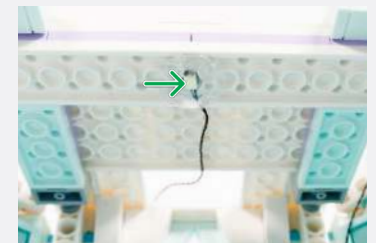
28



Cool White 30cm Large Bit Light



Trans Clear Round Plate
2x2 w/ Rounded Bottom



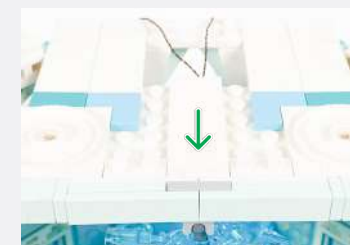
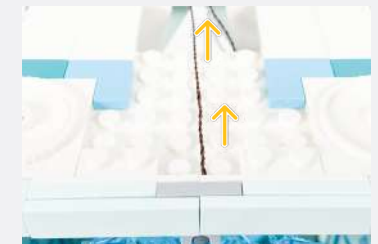
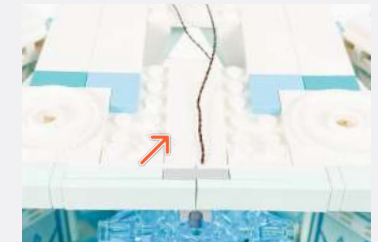
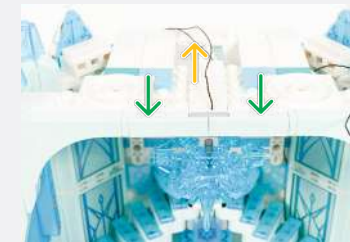
Legend

DISCONNECT
 CONNECT / RECONNECT
 TURN / FLIP
 DIRECTIONAL
 TWIST / BRAID
 POWER ON TEST
 NOTE ICON

29



Cool White 30cm Bit Light



Legend

→ DISCONNECT

→ CONNECT / RECONNECT

↻ TURN / FLIP

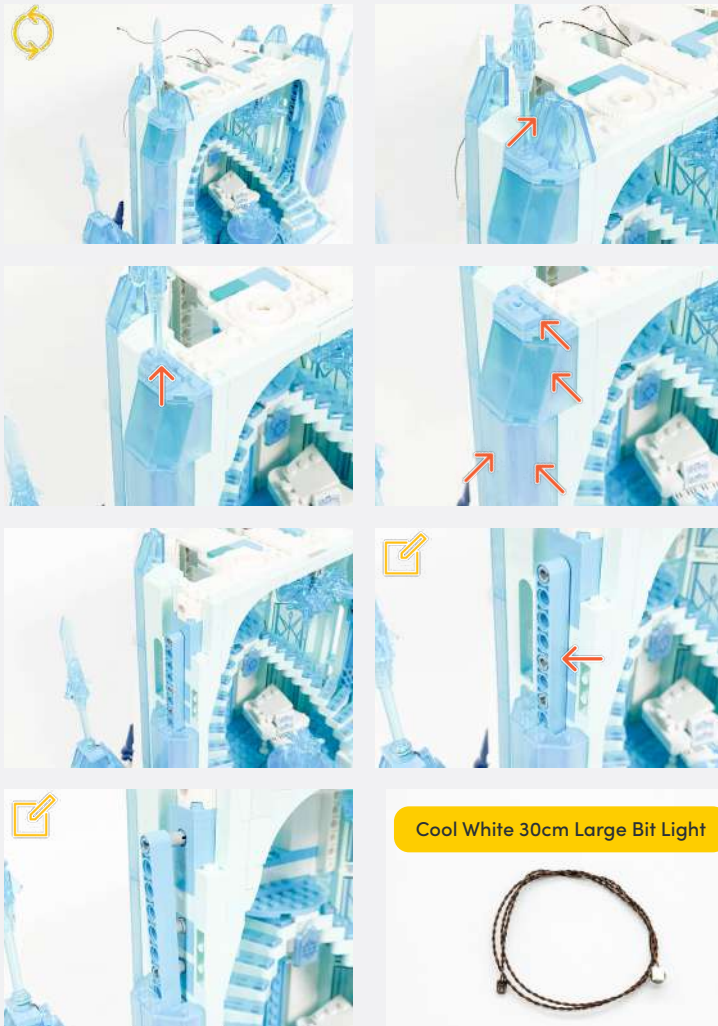
→ DIRECTIONAL

↻ TWIST / BRAID

✱ POWER ON TEST

📝 NOTE ICON

30

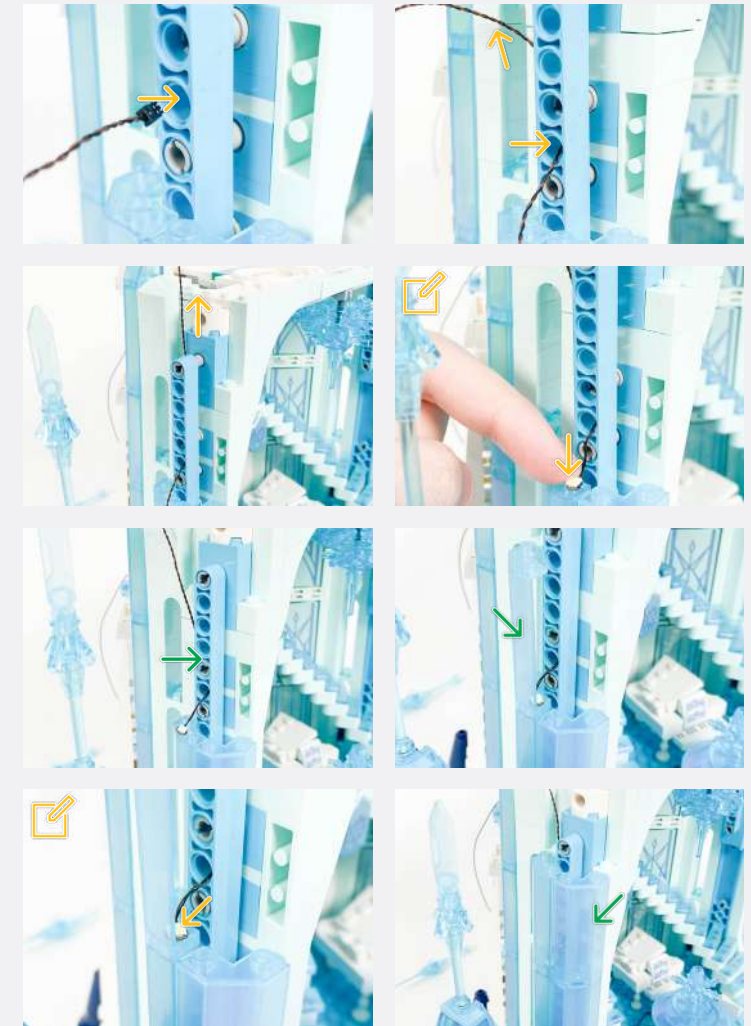


✎ Slightly disconnect the Liftarm

Cool White 30cm Large Bit Light



✎ Leave excess cable from the LED as shown before reconnecting the Liftarm



✎ Ensure the LED is facing upwards

Legend

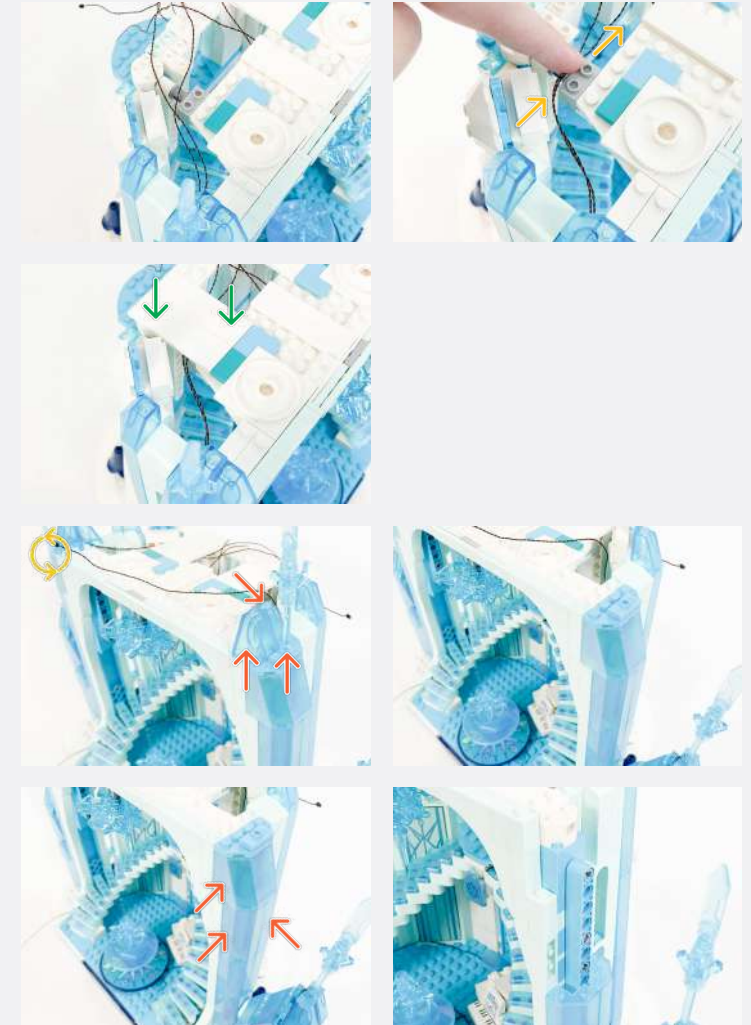
DISCONNECT
 CONNECT / RECONNECT
 TURN / FLIP
 DIRECTIONAL
 TWIST / BRAID
 POWER ON TEST
 NOTE ICON

31

Cool White 30cm Bit Light



32



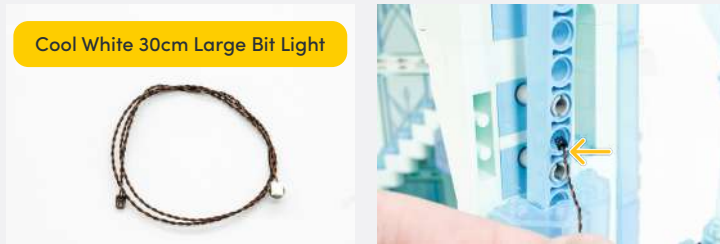
Legend

→ DISCONNECT → CONNECT / RECONNECT ↺ TURN / FLIP → DIRECTIONAL ↻ TWIST / BRAID ✨ POWER ON TEST 📝 NOTE ICON

Slightly disconnect the Liftarm



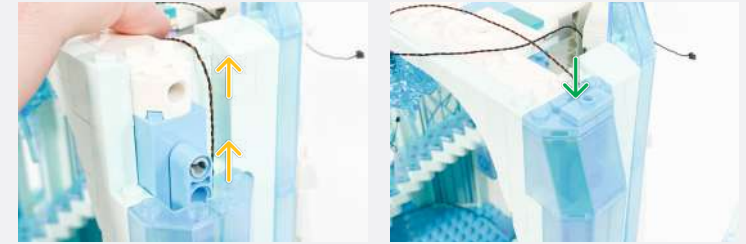
Cool White 30cm Large Bit Light



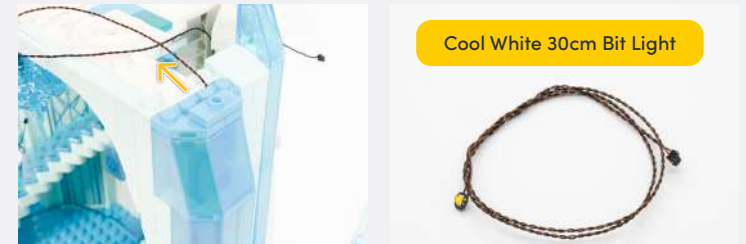
Leave excess cable from the LED as shown before reconnecting the Liftarm



33



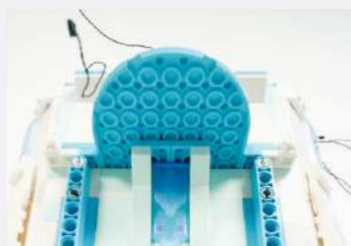
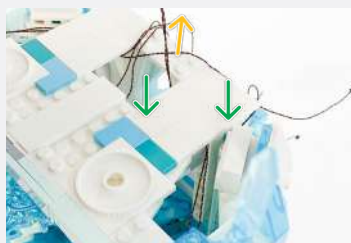
Cool White 30cm Bit Light



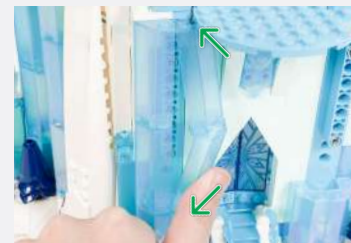
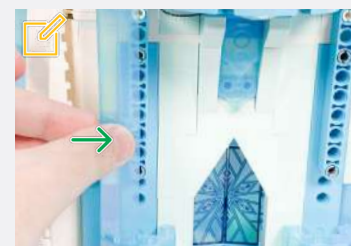
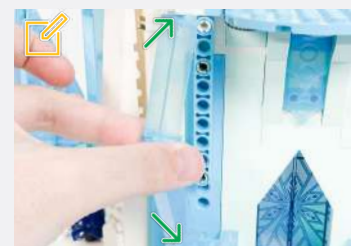
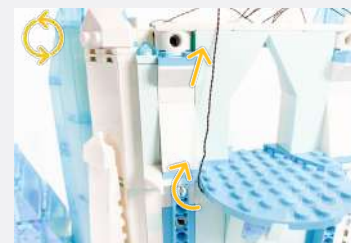
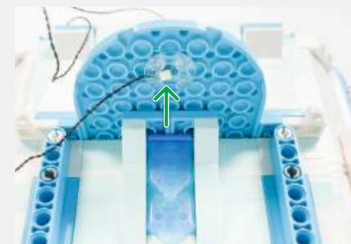
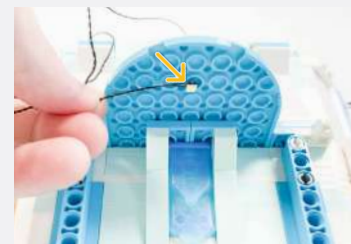
Legend


DISCONNECT
 CONNECT / RECONNECT
 TURN / FLIP
 DIRECTIONAL
 TWIST / BRAID
 POWER ON TEST
 NOTE ICON

34



Cool White 30cm Large Bit Light

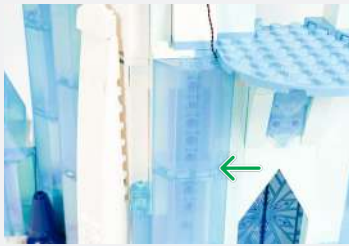

Trans Clear Round Plate
2x2 w/ Rounded Bottom


 To reconnect the two pieces, connect the top and bottom end as shown, then push the middle to fully secure

Legend

 DISCONNECT
  CONNECT / RECONNECT
  TURN / FLIP
  DIRECTIONAL
  TWIST / BRAID
  POWER ON TEST
  NOTE ICON

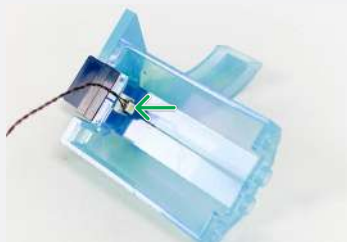
35



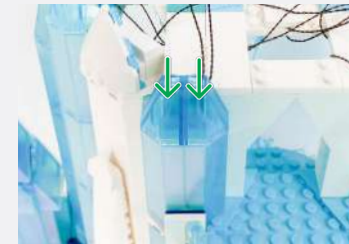
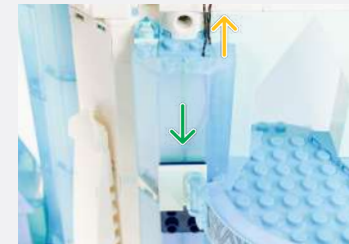
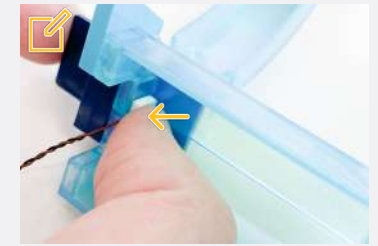
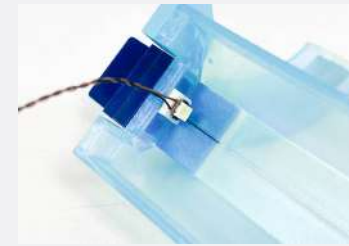
Adhesive Square



Cool White 30cm Large Bit Light



Apply heavy pressure to ensure the Bit Light is stuck in a secure manner



Legend

DISCONNECT



CONNECT / RECONNECT



TURN / FLIP



DIRECTIONAL



TWIST / BRAID



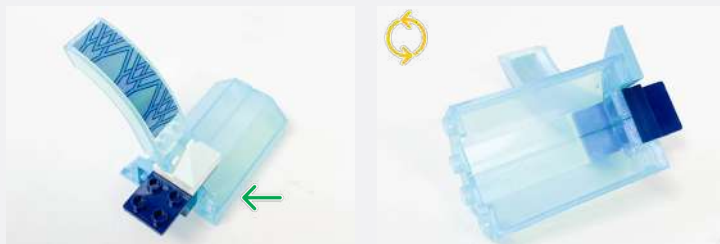
POWER ON TEST



NOTE ICON

36

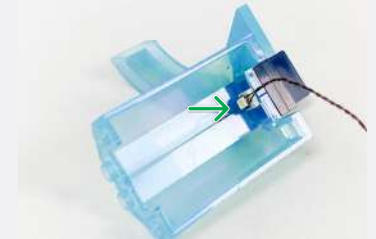
To reconnect the two pieces, connect the top and bottom end as shown, then push the middle to fully secure



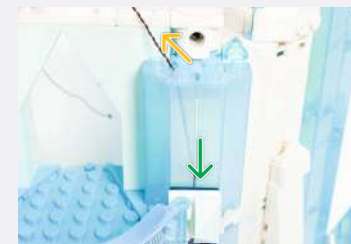
Adhesive Square



Cool White 30cm Large Bit Light



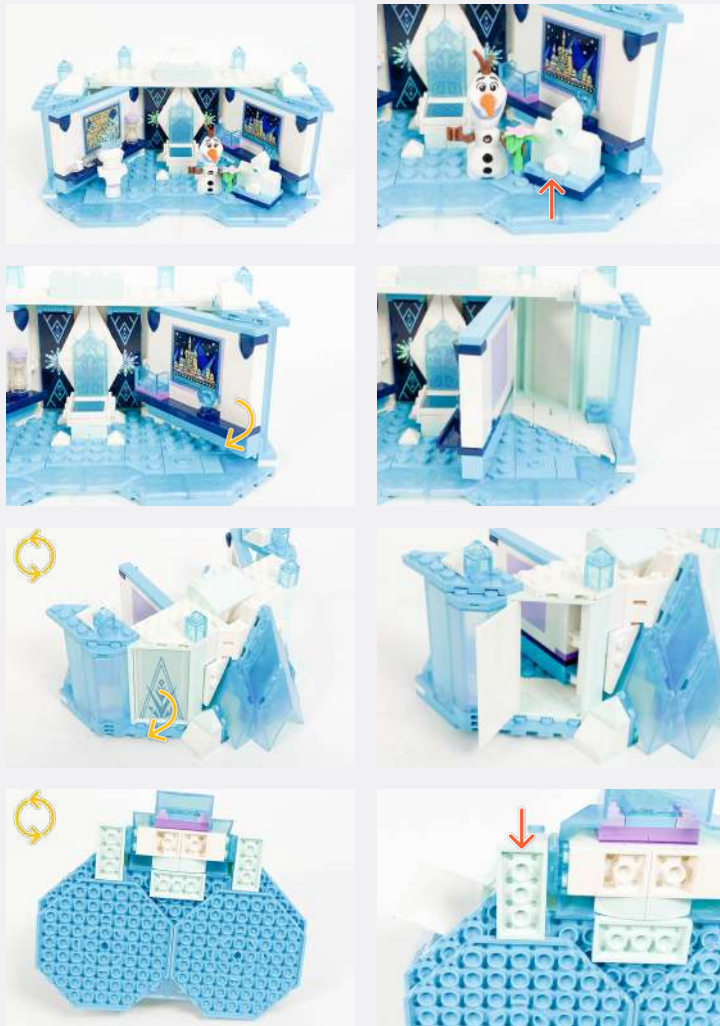
Apply heavy pressure to ensure the Bit Light is stuck in a secure manner



Legend

DISCONNECT
 CONNECT / RECONNECT
 TURN / FLIP
 DIRECTIONAL
 TWIST / BRAID
 POWER ON TEST
 NOTE ICON

37



38

Group all the cables at the top of the ground/first floor together from the connector head



Legend

→ DISCONNECT → CONNECT / RECONNECT ↺ TURN / FLIP → DIRECTIONAL ↻ TWIST / BRAID ✨ POWER ON TEST 📝 NOTE ICON

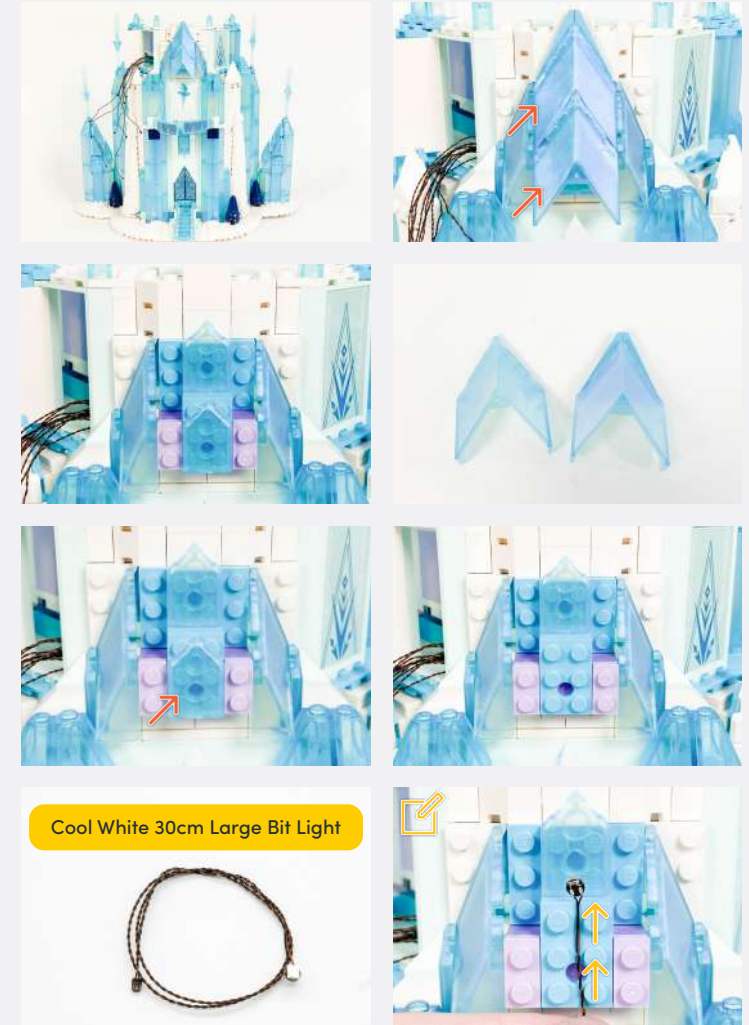
38

Thread the grouped cables through the gap on the second floor



39

Ensure the LED is facing towards the LEGO pieces



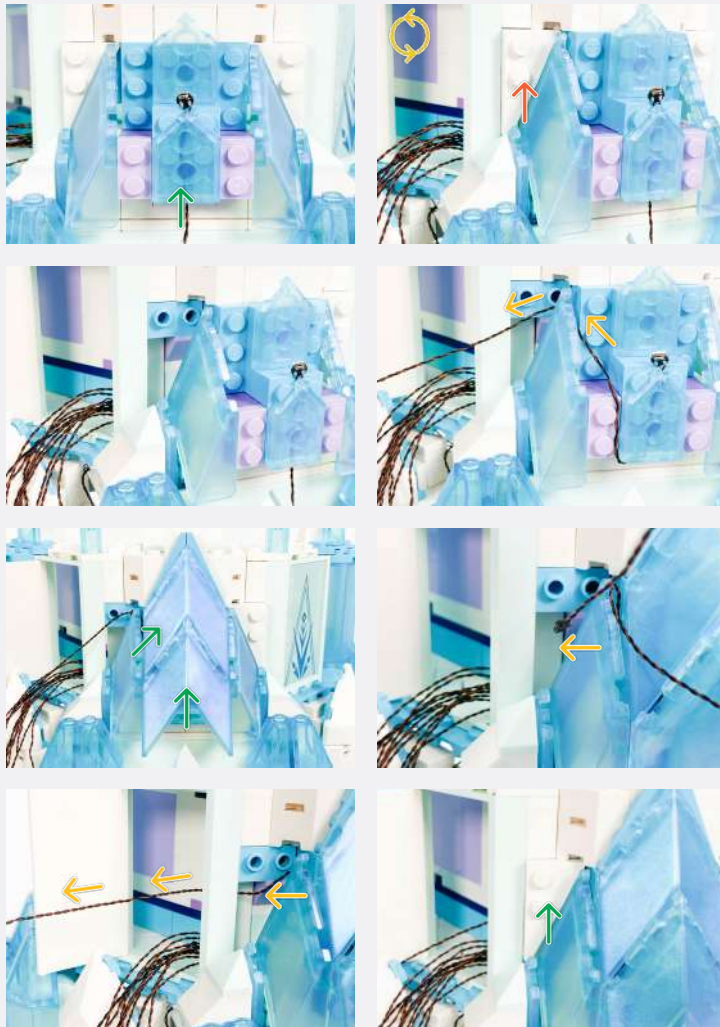
Cool White 30cm Large Bit Light



Legend

 DISCONNECT
  CONNECT / RECONNECT
  TURN / FLIP
  DIRECTIONAL
  TWIST / BRAID
  POWER ON TEST
  NOTE ICON

🔧 If you experience any issues with the lights not working and suspect an issue with a component, please try a different port on the expansion board to verify where the fault lies (with the light or expansion board). To correct any issues with expansion board ports, please view the section addressing expansion board issues in our troubleshooting section.



40

12-Port Expansion Board



🔧 Connect all of the loose 11 cables to the 12-Port Expansion Board



Legend

→ DISCONNECT

→ CONNECT / RECONNECT

↻ TURN / FLIP

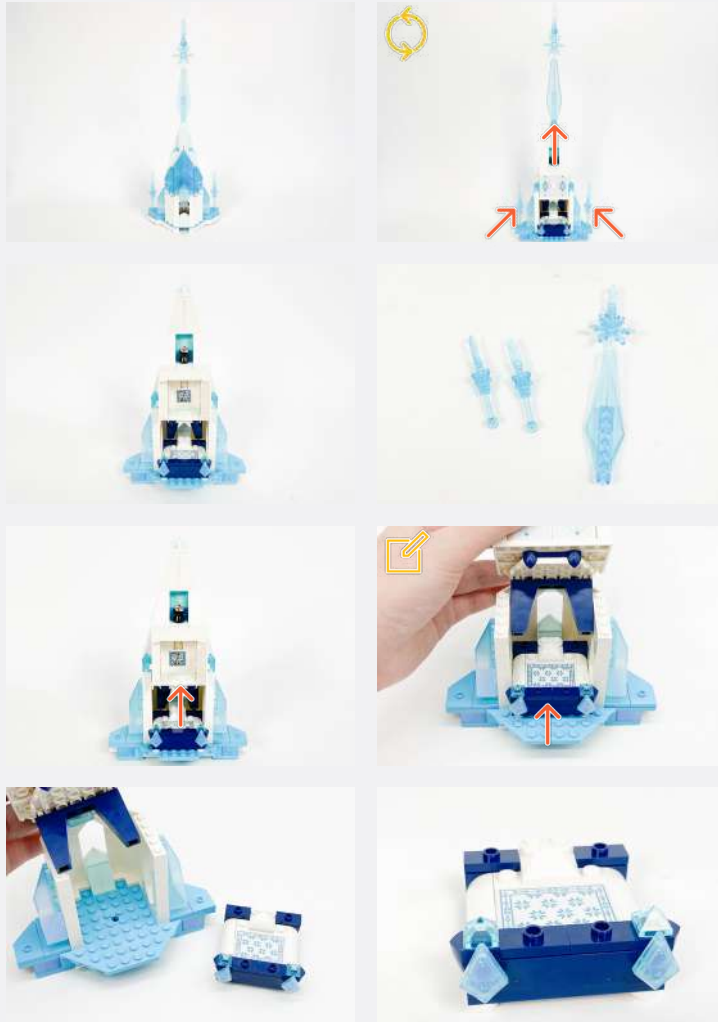
→ DIRECTIONAL

↻ TWIST / BRAID

☀ POWER ON TEST

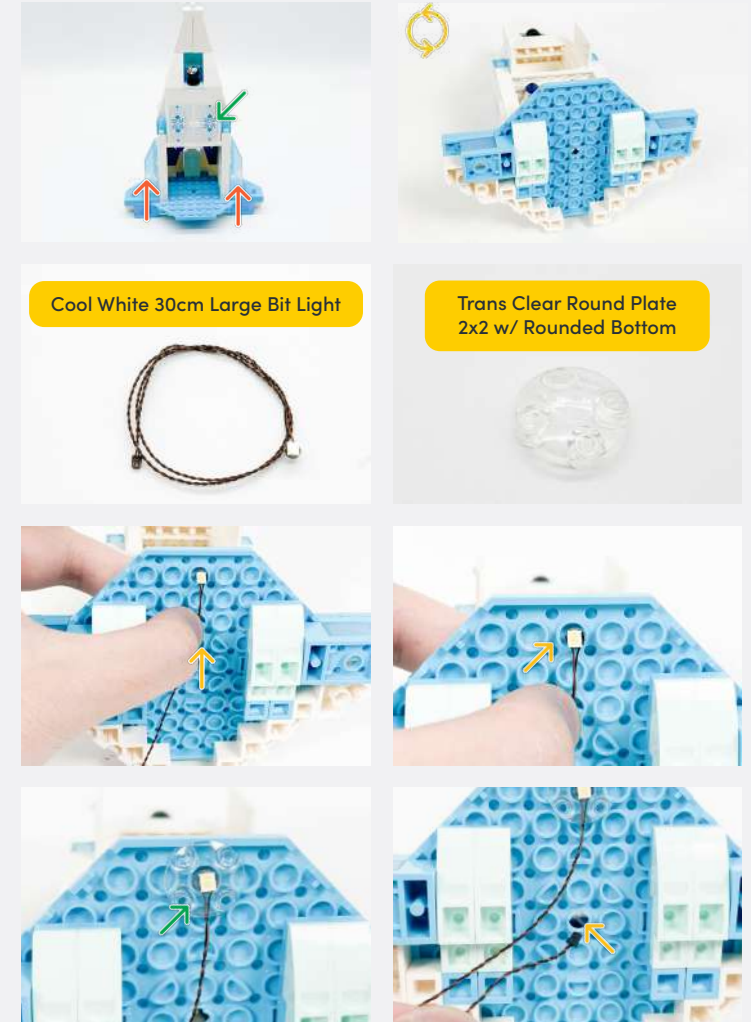
🔧 NOTE ICON

41



Temporarily disconnect the upper part in order to remove the bed

42

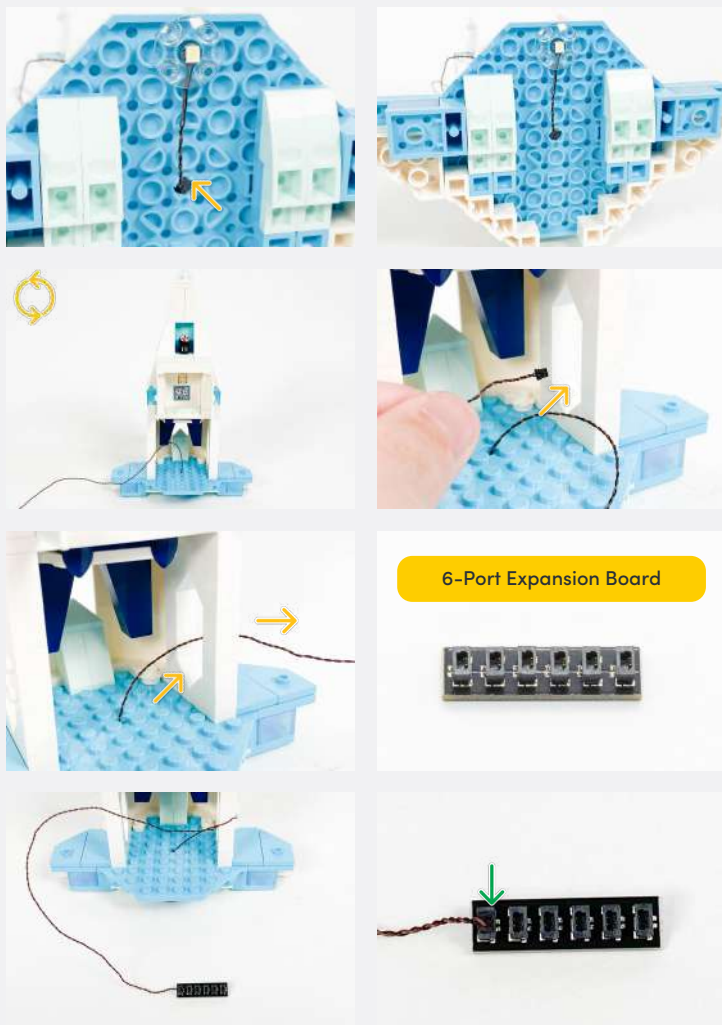


Cool White 30cm Large Bit Light

Trans Clear Round Plate
2x2 w/ Rounded Bottom

Legend

→ DISCONNECT → CONNECT / RECONNECT ↺ TURN / FLIP → DIRECTIONAL ↻ TWIST / BRAID ✨ POWER ON TEST 📌 NOTE ICON



43




✎ Reconnect the Bed but one stud forward from its original position - in front of the curtains

Legend

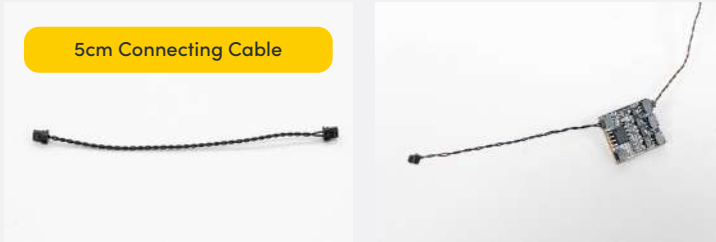
→ DISCONNECT → CONNECT / RECONNECT ↺ TURN / FLIP → DIRECTIONAL ↻ TWIST / BRAID ✨ POWER ON TEST ✎ NOTE ICON

44

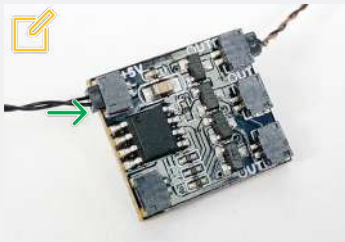


 Connect the Cool White 30cm Bit Light to the 'OUT' port on the Twinkle Effects Board

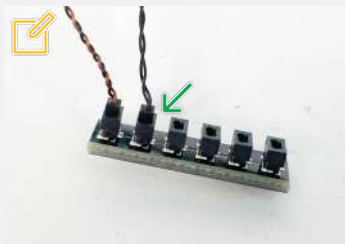
5cm Connecting Cable



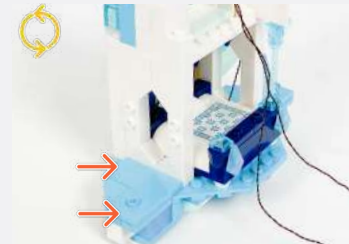
✍ Connect the 5cm Connecting Cable to the '+5V' port on the Twinkle Effects Board



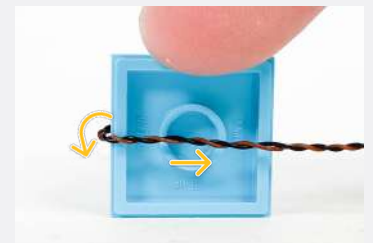
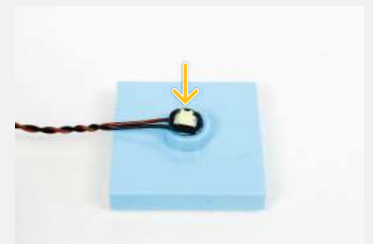
✍ Connect the other end of the 5cm Connecting Cable to the 6-Port Expansion Board



45



Cool White 30cm Bit Light



Legend

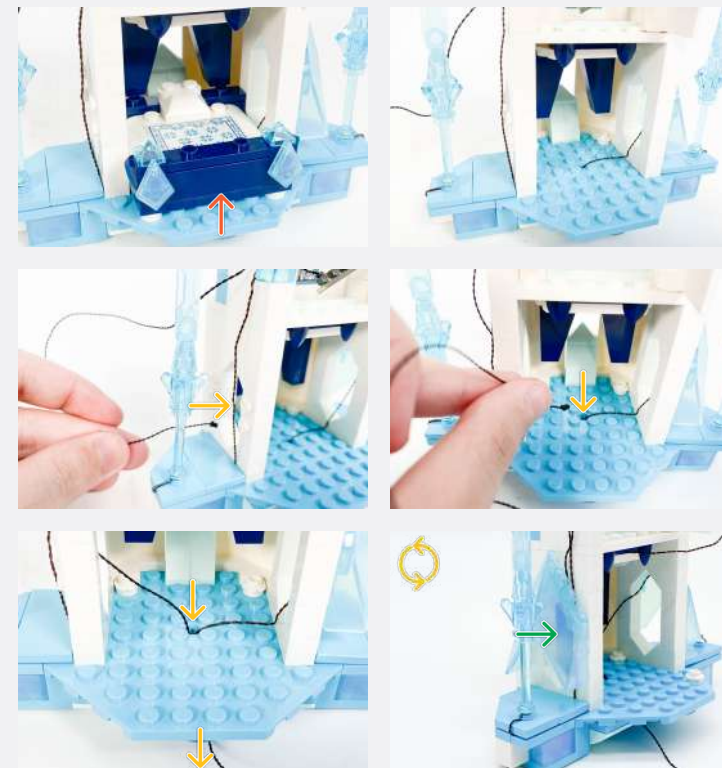
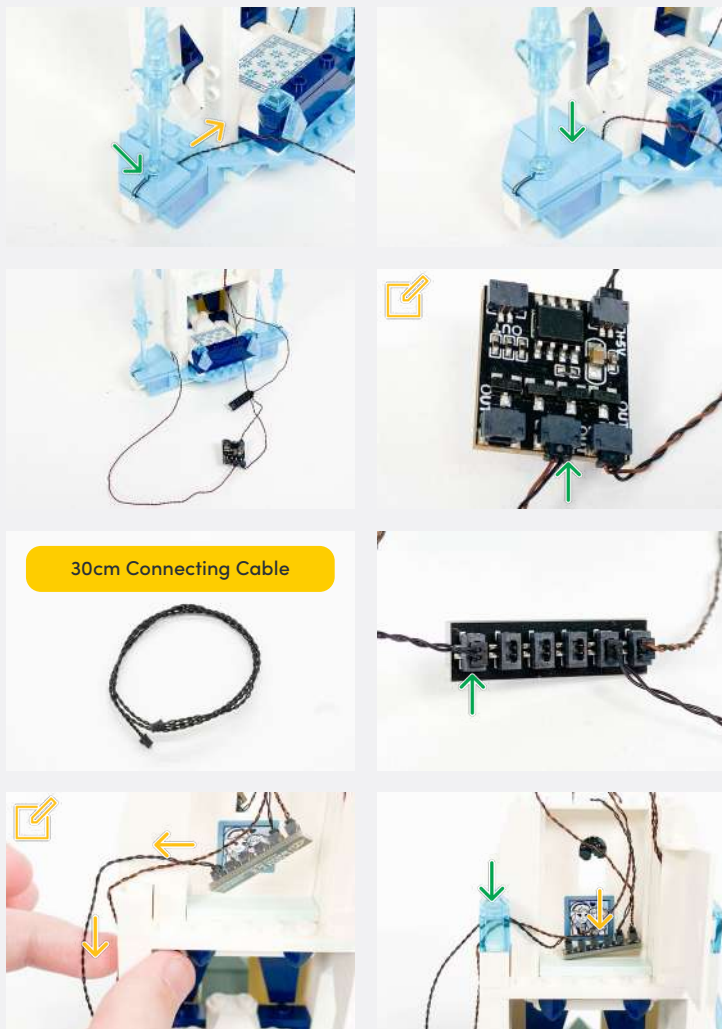
 DISCONNECT
  CONNECT / RECONNECT
  TURN / FLIP
  DIRECTIONAL
  TWIST / BRAID
  POWER ON TEST
  NOTE ICON

Connect the Cool White 30cm Bit Light to the 'OUT' port on the Twinkle Effects Board

46

30cm Connecting Cable

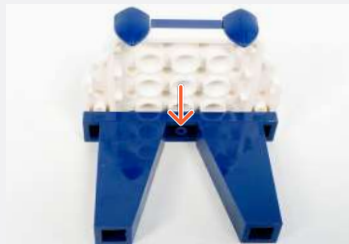
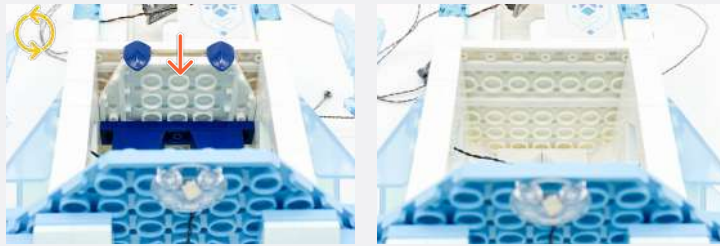
Connect the Cool White 30cm Bit Light to the 'OUT' port on the Twinkle Effects Board



Legend

DISCONNECT
 CONNECT / RECONNECT
 TURN / FLIP
 DIRECTIONAL
 TWIST / BRAID
 POWER ON TEST
 NOTE ICON

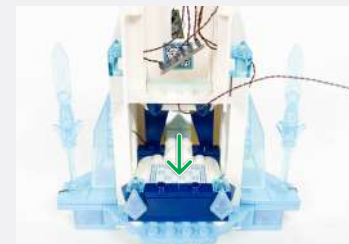
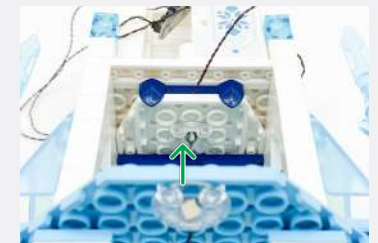
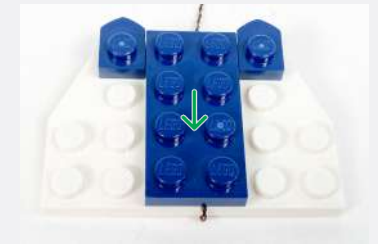
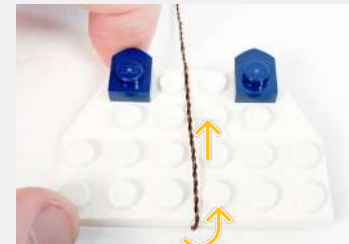
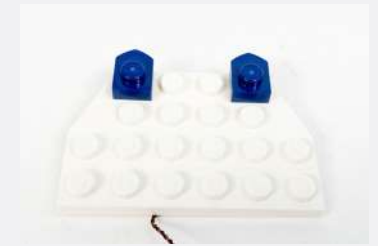
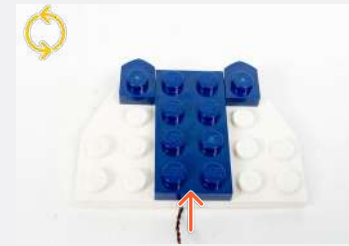
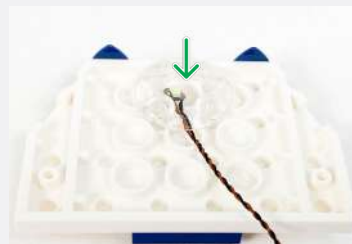
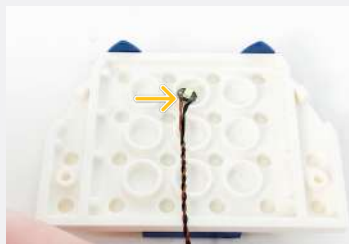
47



Cool White 30cm Bit Light



Trans Clear Round Plate
2x2 w/ Rounded Bottom



Legend

→ DISCONNECT

→ CONNECT / RECONNECT

↻ TURN / FLIP

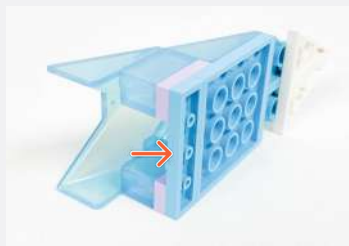
→ DIRECTIONAL

↻ TWIST / BRAID

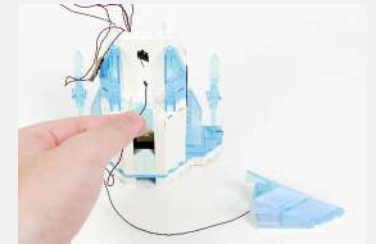
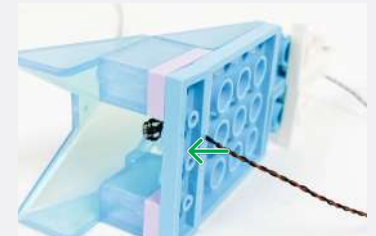
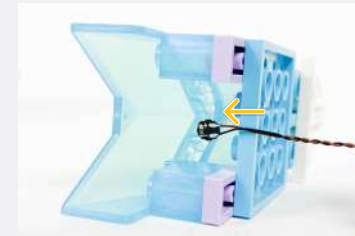
✳ POWER ON TEST

📝 NOTE ICON

48



Cool White 30cm Large Bit Light



Legend

→ DISCONNECT

→ CONNECT / RECONNECT

↻ TURN / FLIP

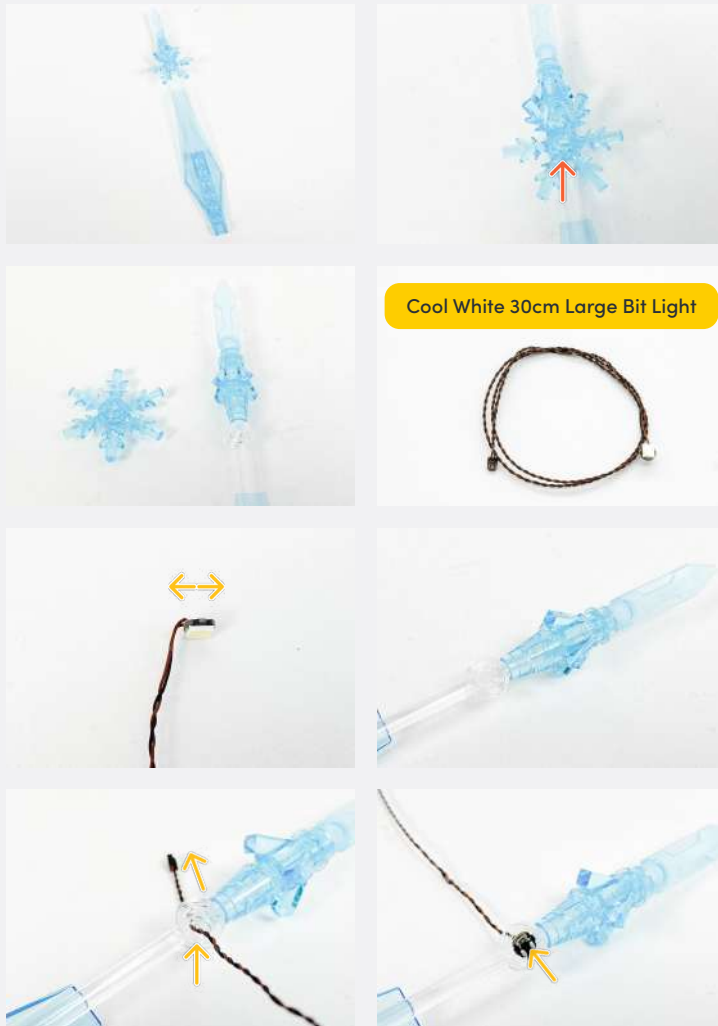
→ DIRECTIONAL

↻ TWIST / BRAID

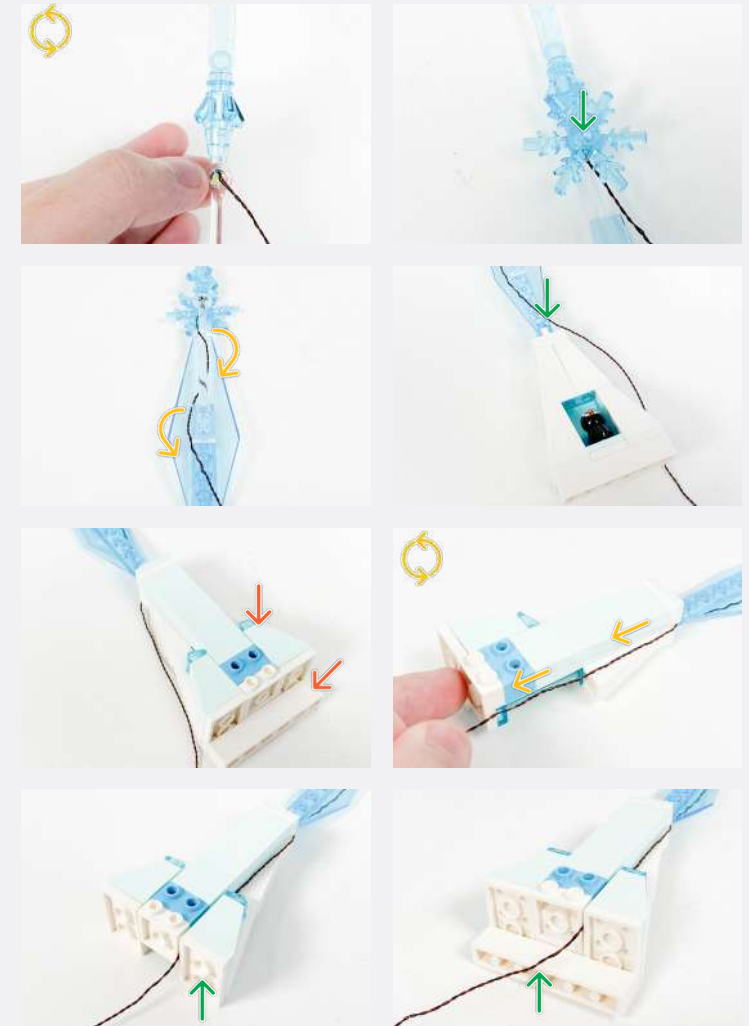
⚡ POWER ON TEST

📝 NOTE ICON

49




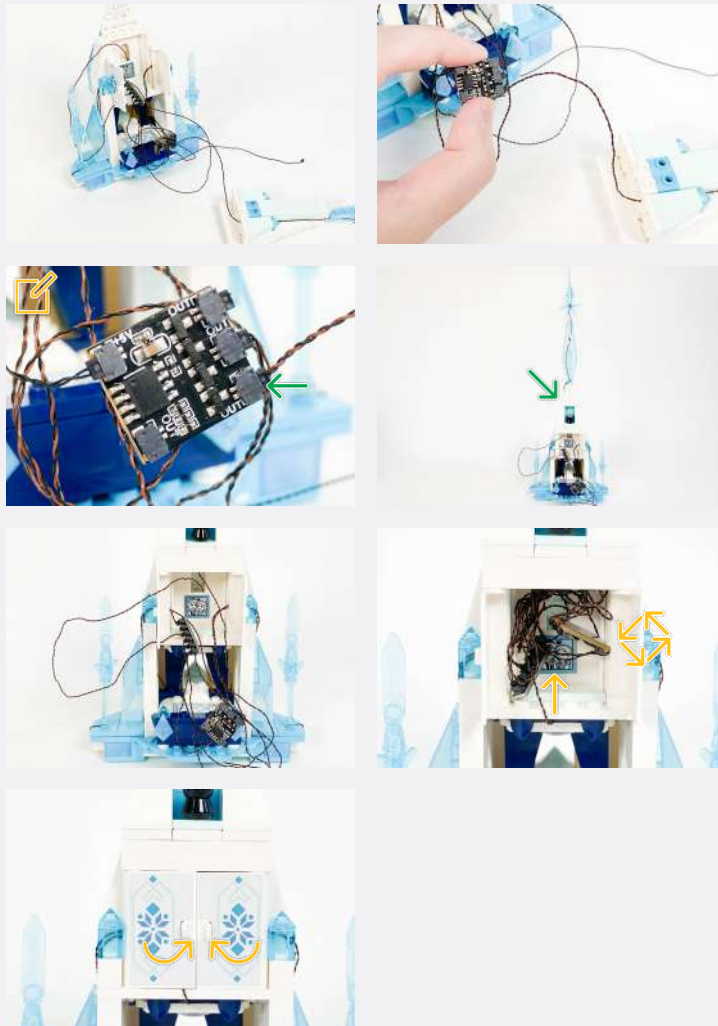
50




Legend

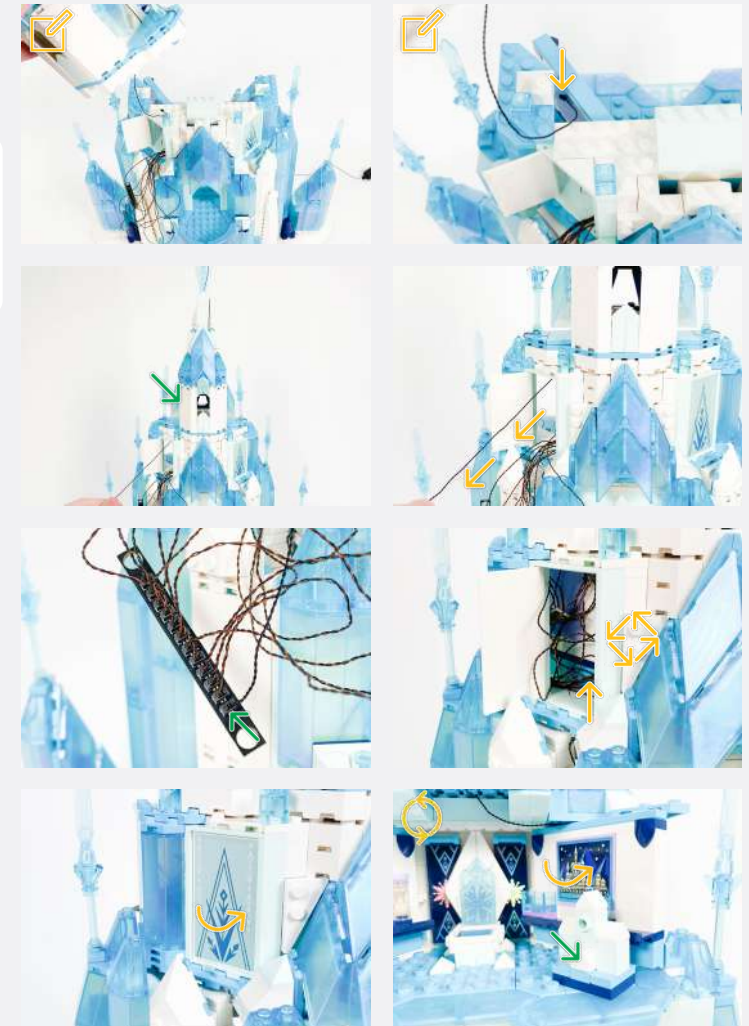
- DISCONNECT
- CONNECT / RECONNECT
- ↻ TURN / FLIP
- DIRECTIONAL
- ↻ TWIST / BRAID
- ⚡ POWER ON TEST
- 📝 NOTE ICON

 Connect the Cool White 30cm Large Bit Light to the 'OUT' port on the Twinkle Effects Board




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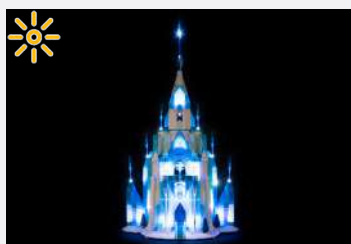
 Reconnect the top level by first threading the 30cm Connecting Cable through the gap on the previous level



Legend

 DISCONNECT
  CONNECT / RECONNECT
  TURN / FLIP
  DIRECTIONAL
  TWIST / BRAID
  POWER ON TEST
  NOTE ICON

 If you experience any issues with the lights not working and suspect an issue with a component, please try a different port on the expansion board to verify where the fault lies (with the light or expansion board). To correct any issues with expansion board ports, please view the section addressing expansion board issues in our troubleshooting section.



Legend

 DISCONNECT

 CONNECT / RECONNECT

 TURN / FLIP

 DIRECTIONAL

 TWIST / BRAID

 POWER ON TEST

 NOTE ICON

FINAL PRODUCT

This finally completes installation of the Light My Bricks Ice Castle 43197 Light Kit.





TROUBLESHOOTING

Light My Bricks lighting kits contain individual components that are very small and can be easily damaged if not handled correctly.

To prevent unnecessary damage to components, we highly recommend that the User Guide section, **“Important things to note”** is read carefully. Follow the handling procedures in the User Guide to help prevent faults and damages to your Light My Bricks components.

If you are experiencing issues with your Light My Bricks set, watch our troubleshooting video [here](#) or read on for a list of common causes to help you troubleshoot.

Troubleshooting

Firstly, ensure that the batteries have power using a battery charge gauge.

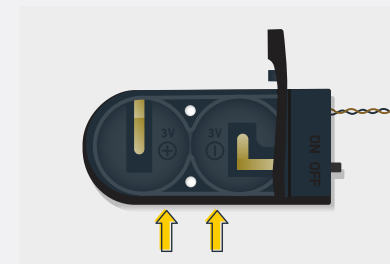
If the batteries have no power, replace the batteries.

If the batteries still have power, check to see if the batteries have been inserted correctly into the battery pack.

Check For CR2032 Batteries Using The Flat Battery Pack

Inside the battery pack is a symbol indicating which side the (round) CR2032 battery should be inserted. Check that the “+” side of the battery pack has the battery with the “+” symbol facing downwards.

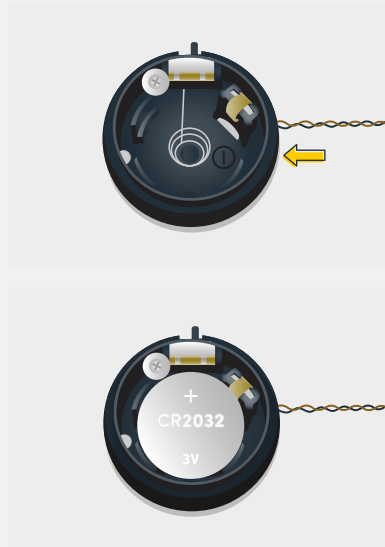
On the opposite side, the “-” side of the battery pack should have the battery flipped upside down, that is the “+” symbol facing upwards.



Troubleshooting

Check For Cr2032 Batteries Using The Round Battery Pack

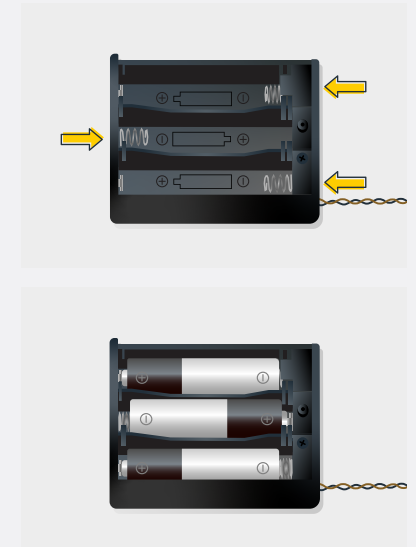
Inside the battery pack is a symbol indicating which side the (round) CR2032 battery should be inserted. In this case, for the stacked battery pack, ensure that BOTH batteries have the “+” symbol facing upwards.



Check for AA batteries using the AA battery pack

Inside the battery pack are symbols indicating which direction the AA battery should be inserted. The flat side of the battery should be paired with the spring side of the battery pack.

If the batteries have been installed correctly and your kit still isn't operating correctly, the next step is to check the wiring.



Troubleshooting

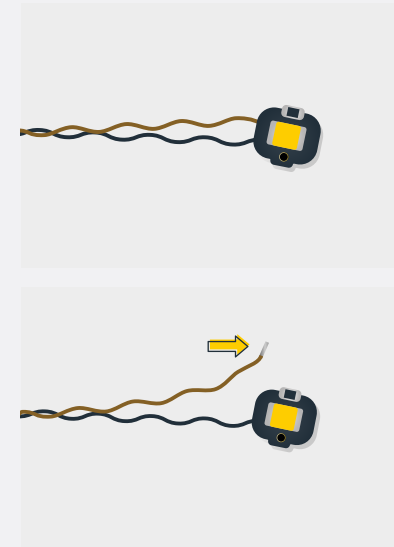
Check Your Wires

In order for Light My Bricks components to fit in between and underneath LEGO® bricks, the components need to be very small. Due to this nature, Light My Bricks components can be easily damaged when not handled correctly.

Be careful when removing unpacked components out of the packaging and ensure not to forcibly pull at the wires as this can damage the soldering that attach the wires to the LEDs.

If the wiring is detached from the LED itself, the light will not operate.

When connecting lights to your LEGO set, check that there are no pinched wires underneath or in between bricks and plates. When the wires are pinched and the exposed wires are touching each other, this can cause a crosswire and the lights to not function correctly.



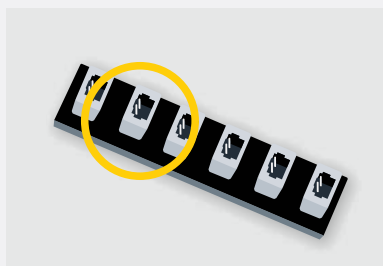
Troubleshooting

Check Your Expansion Board Ports/ Strip Light Ports / Effects Board Ports

It is important to note that connectors can only be inserted to the expansion board, strip light, or effects board ports in one direction.

Forcibly inserting connectors in the incorrect direction will result in damaging the pins inside each of the ports on your component board.

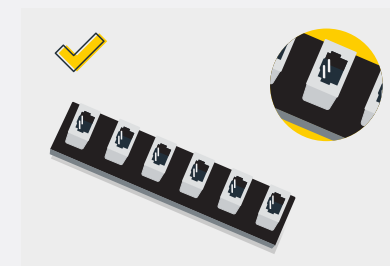
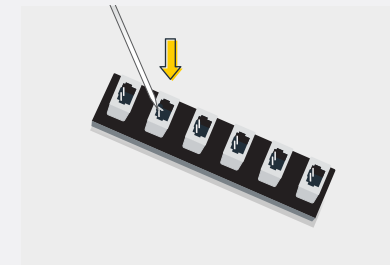
Not only will a light connected to the damaged port not work, but if the pins inside the port are bent to a point they are touching each other, this can result in all other lights in the system to stop working. This is a short circuit.



A short circuit can also result in overheating of the board, cable or batteries. If you suspect a short circuit, **DISCONNECT POWER IMMEDIATELY**. Batteries can fail, catch fire, or even explode if left connected to a short circuit for too long.

If you suspect you have a faulty component due to a bent pin, try the following steps:

If you look carefully inside each of the ports, each port contains 2 small pins that should be straight. You will be able to identify a faulty port if it has any bent pins.





CONTACT US

If you have an enquiry regarding the online shop, our products or a general enquiry please refer to our Frequently Asked Questions webpage here. Alternatively, you can contact our Customer Services team by visiting our online support portal here.

support.lightmybricks.com

We thank you for purchasing this product and hope you enjoy!



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