SYRO-Bricks

More Pieces, More Fun

LinkedSparx Technology Co., LTD

Made in China

Designed and Manufactured by LinkedSparx

www.linkedsparx.com

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What's in the Box?

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SYRO-Bricks
Hexagonal Modules x 20

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3-Output
Controller with
1.5m USB Cable x 1

❸

RF Remote
Control x 1

❹

1m Type-C
Cables x 2

❺
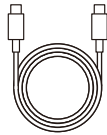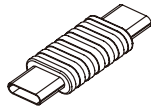
Type-C
Connectors x 20
(1 spare included)

❻
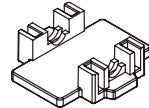
Fixtures x 20
(1 spare included)

❼
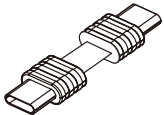
Type-C Flexible
Connectors x 22
(1 spare included)

❽
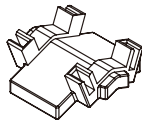
Angled Fixtures x 30
(1 spare included)

❾

Pry Bar x 1

❿
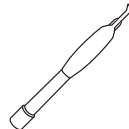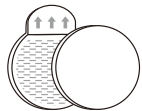
Hook & Loop
Adhesive Tapes x 10

* The power adapter is NOT
included in the kit. You can use
a standard 5V USB charger or a
power bank. An output of 5V
1~2A is recommended.

SYRO-Bricks Hexagonal Modules

Input
Here!

Output

Output
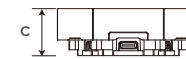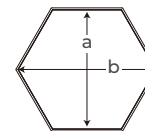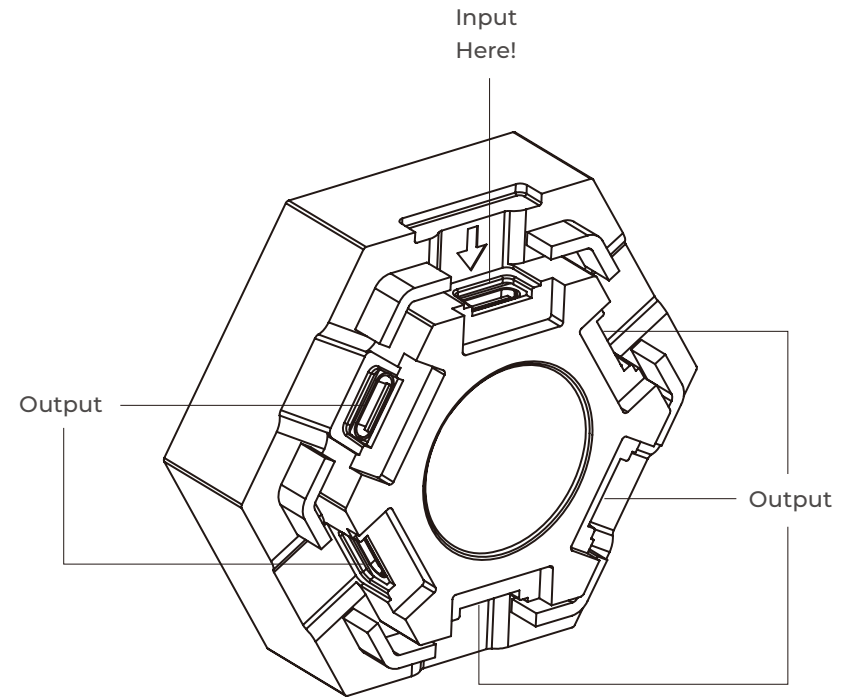
Module Dimensions	
a	6.29cm / 2.48in
b	7.25cm / 2.85in
c	2.4cm / 0.94in

Color: RGB 16 million colors

Connectivity: BT

Working Voltage: 5V/2A

Max Panels Per PSU ≈ 100

Max Panels Per Controller on a route: 300

Materials: Fireproof Polycarbonate & ABS

Operating Temperature: -5~45°C

Life Span: More than 20,000 hours

Controller

· Press to play next effect
· Press and hold for 2 seconds to loop all effects

· Switch ON/OFF
· Press and hold for 5 seconds to restore factory settings.

IR Receiver

· Steady Green: Power on

· Press to play next music mode
· Press and hold for 2 seconds to loop all music modes

Output

RF Remote

Power ON/OFF

Speed Up/Down

Brighten/Dim

Previous/Next Effect

Loop All Effects

Previous/Next Single Color

Previous/Next Music Mode

Sleep in 1H/2H

Adjust to Your Sound Environment

Pull out the tab before using the RF Remote

App Download

Please scan the QR code to
download the 'LEDSMART' App.

Download on the **App Store**

GET IT ON **Google Play**

*This application requires iOS 10.0 or later / Android 4.4 or later.

1. Download and install the "LEDSMART" App.

2. Go to 'Settings' of your mobile device and turn on BT.

3. App automatically searches and lists all available SYRO devices nearby. Select your device to connect, then you can fully control SYRO-Bricks.

* Generally, you can control up to 5 devices simultaneously. This may vary from different phones.
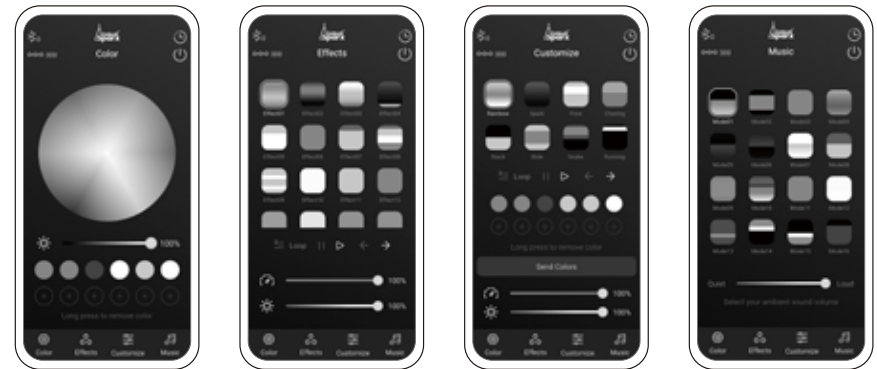
* The user interfaces provided above are for reference only, and might be different from the latest version of the App.

Online Guide

For more detailed features about the App, please visit
www.linkedsparx.com/syro-app

To accurately perform all light effects on your layout, our App lets you decide the sequence number of modules you wish to control or multiply.

How to count the sequence number of light modules

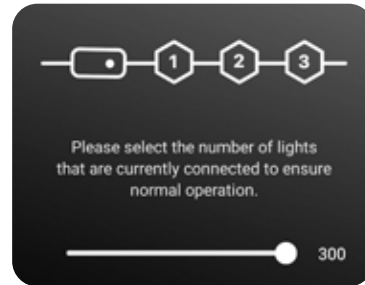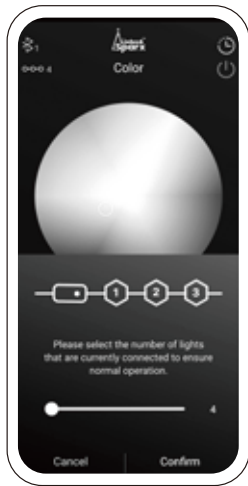If you connect 2 or up to 5 modules to the previous module, these newly connected (next-tier) modules will receive the same command from the previous one, therefore display same and synchronized effect.

You need to count the number of modules connected in the longest line. As you can see from the example below, you should set the sequence number as 4.

The sequence number you set should either be the same or less than the number of all connected modules.
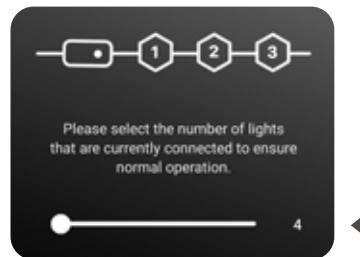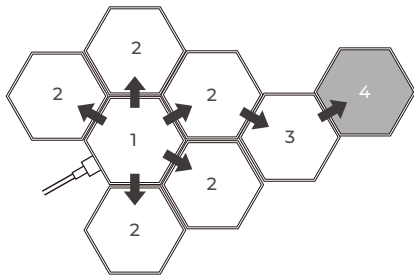
How to multiply light effect

It is also possible to set a small number than your actual setup. The App can automatically duplicate effects for the following segments.

For example, if you have 10 modules connected in a line and and set the number as 5, the 2 segments of modules will play the same effect.

Input
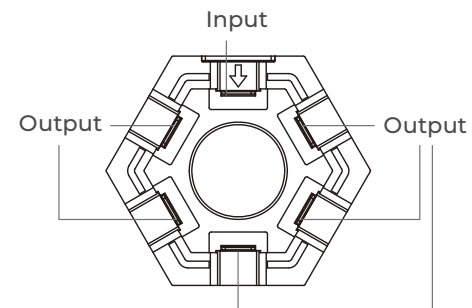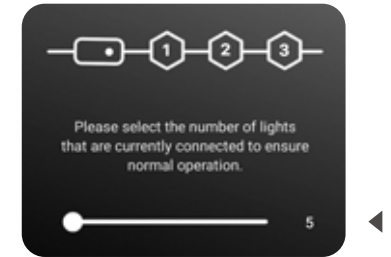
Output   Output

Each hexagonal module has 1 input and 5 outputs. You can easily find the input with an arrow ⇩ mark on it.

Please always plug the power + signal incoming source into the input. Be aware that improper connections could cause malfunction, such as modules not lighting up or uncontrollable.
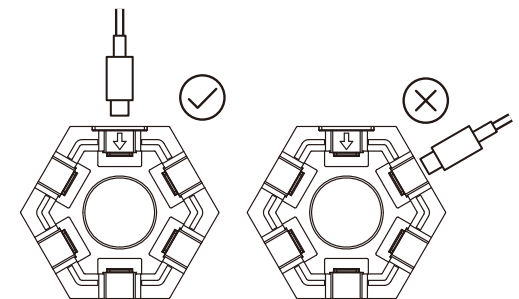
How to Install

1. Dyson Sphere Installation

While following this instruction to install your Dyson Sphere, you could also scan the QR code for a video tutorial.

www.linkedsparx.com/dysonsphere
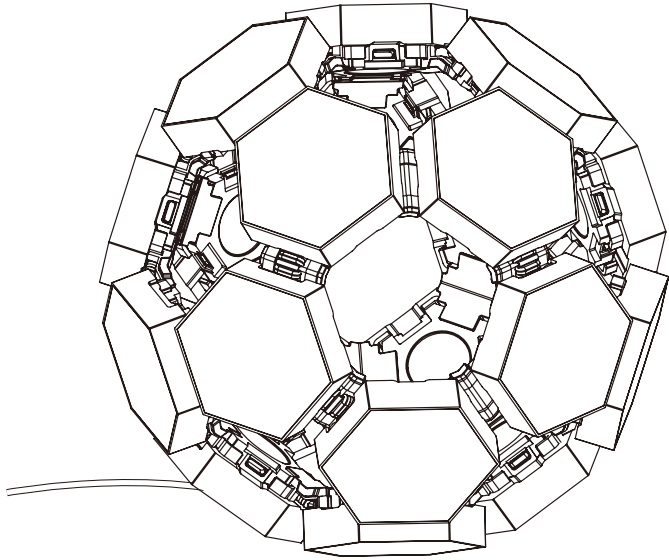
Input

Input

Starting Module

Type-C Flexible Connector
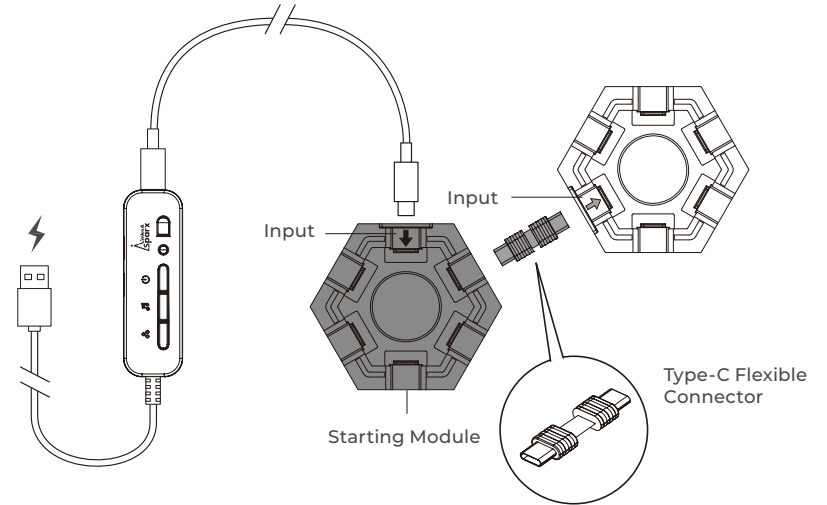
Use a Type-C cable to connect the controller to the input port of the starting module that you designate. We suggest you keep the power on while installing to make sure all modules are properly connected.

If function normally, place the angled fixtures on the flexible connectors to fasten them and provide a certain angle.

Angled Fixture

Starting Module

Starting Module

If a newly connected module does not light up, please make sure you connect the input and output ports between modules correctly.

Starting Module

Starting Module

Module x 1
Flexible Connector x 1
Angled Fixture x 1

Starting
Module

In places where there is
no flexible connector
attached between 2
neighboring modules,
angled fixtures should
be placed to achieve a
solid structure.

Module x 1
Flexible Connector x 1
Angled Fixture x 1

Please DO NOT put flexible
connectors here to form a
closed circuit which may
cause malfunctions.

Starting Module

Starting Module

Module x 1
Flexible Connector x 1
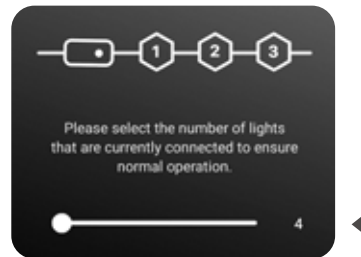Angled Fixture x 1

Starting Module
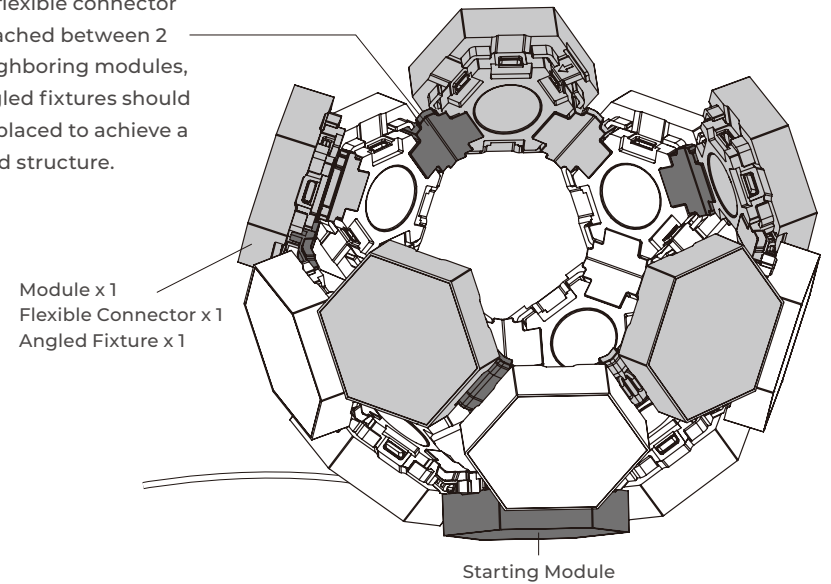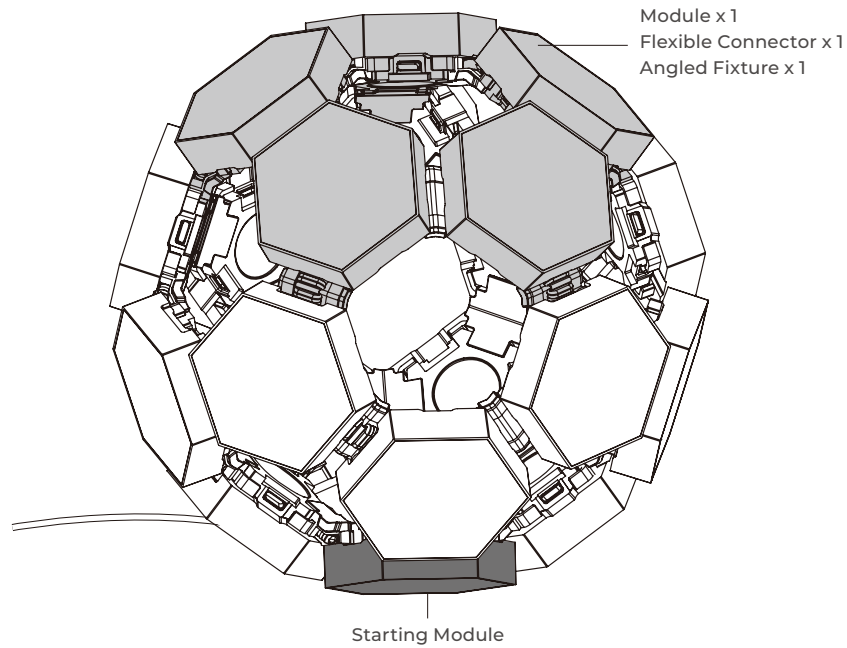
Dyson Sphere installation completed!

You are suggested to set the
number of sequence at 4 on the
App for an excellent light effect
with Dyson Sphere.

Please select the number of lights
that are currently connected to ensure
normal operation.

4

2.Desktop Display

Firstly create your layout on a
flat surface and designate a
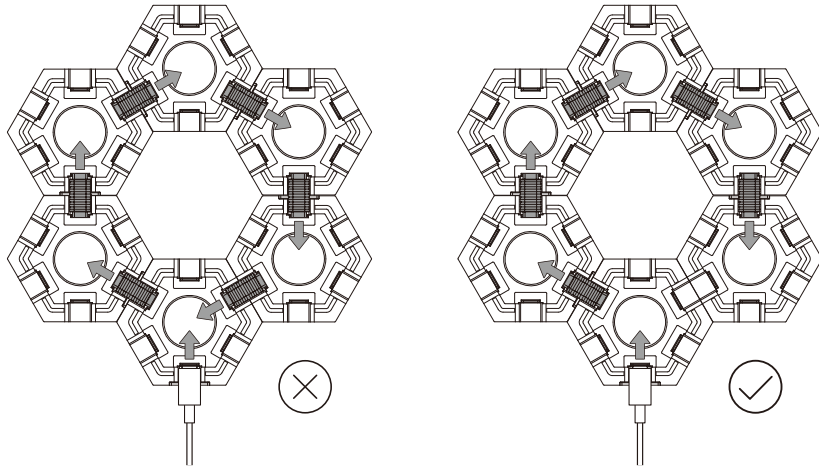module as the starting module.

Starting Module
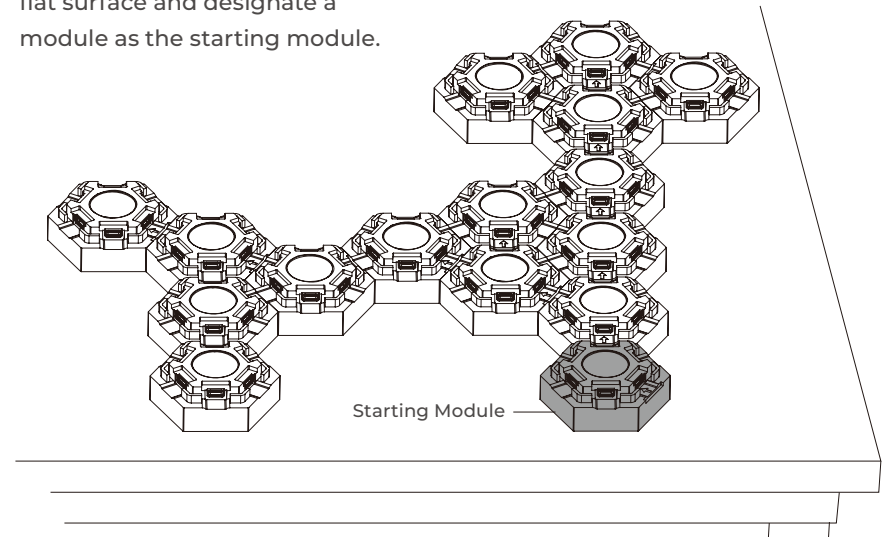
When you are satisfied with
your layout, attach connectors
between modules.

*There are 20 connectors
in the kit, 1 spare
included.

Input

Controller

Type-C
Connector

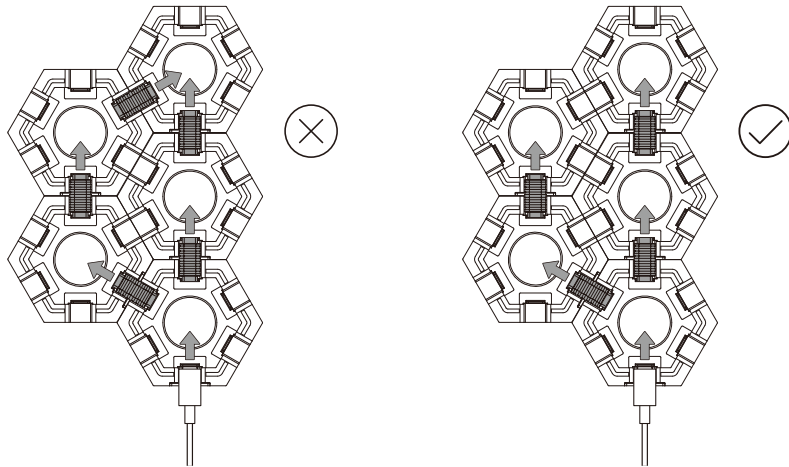Starting Module

Output
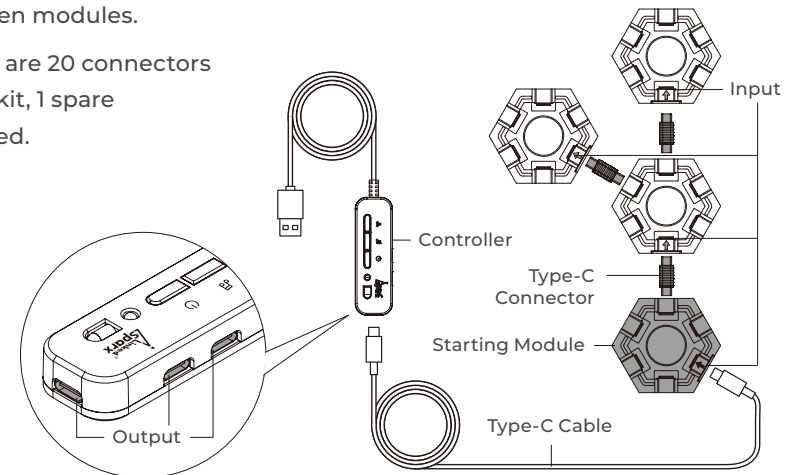
Type-C Cable

⚠ Please DO NOT use connectors to form a closed circuit that may cause malfunctions.

Example 1

Example 2

Then use a Type-C cable to connect the controller to the starting module.

Type-C Connectors

Starting Module

5V 2A power adapter or other 5V 2A USB power source

* A power adapter IS NOT included and needs to be prepared by yourself.

All modules lighting up indicates a correct connection.
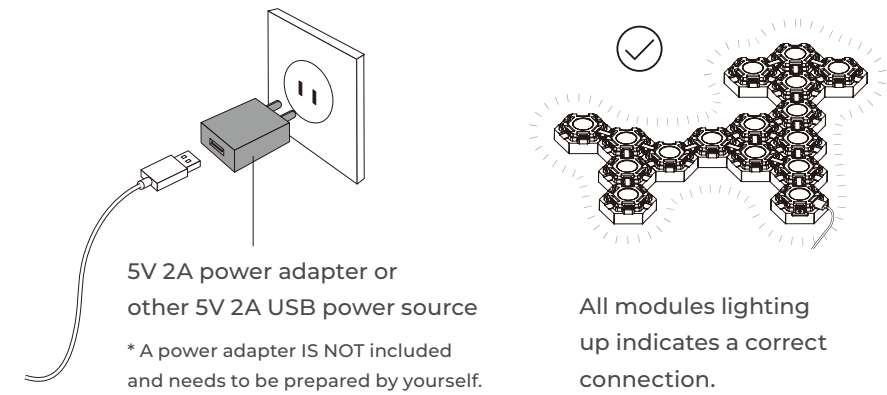
⚠ If no modules light up, please check if the controller and the power adapter are connected properly.
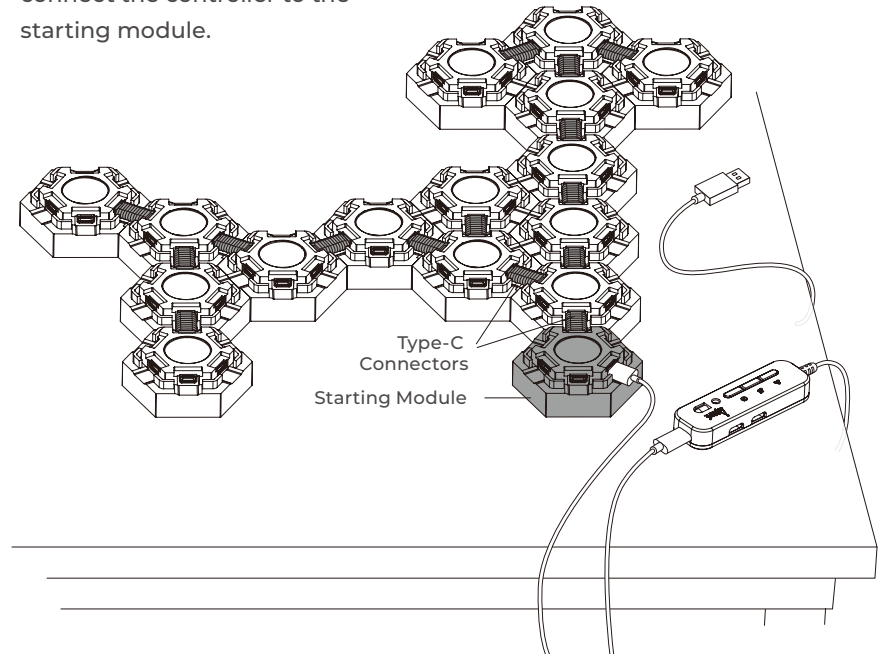
⚠ If certain modules DO NOT light up, please make sure you connect the input and output between modules correctly.

⚠ A power supply with 5V 2A output can carry 50 modules.

If you wish to connect more than 50 modules, you can plug a charger or power bank with a Type-C port into any output port of a module to provide extra power supply.

Theoretically speaking, you may extend your layout to up to 300 modules in a single line with enough power supply.

Starting Module

If function normally, you could place fixtures on all connectors to fasten them.
It can prevent connected modules from bending and avoid any damage to the product.
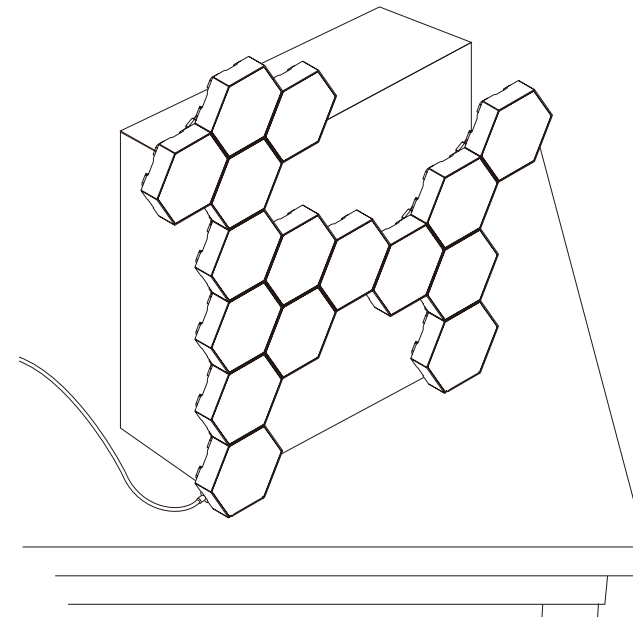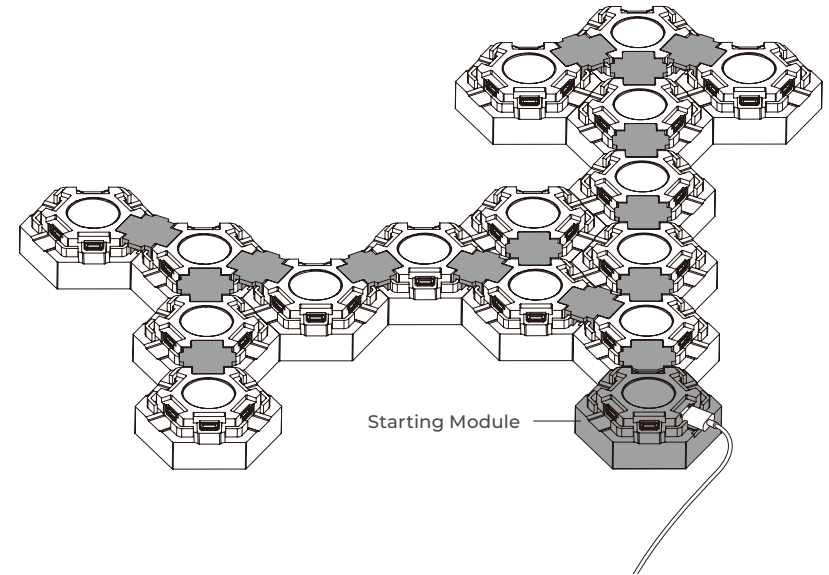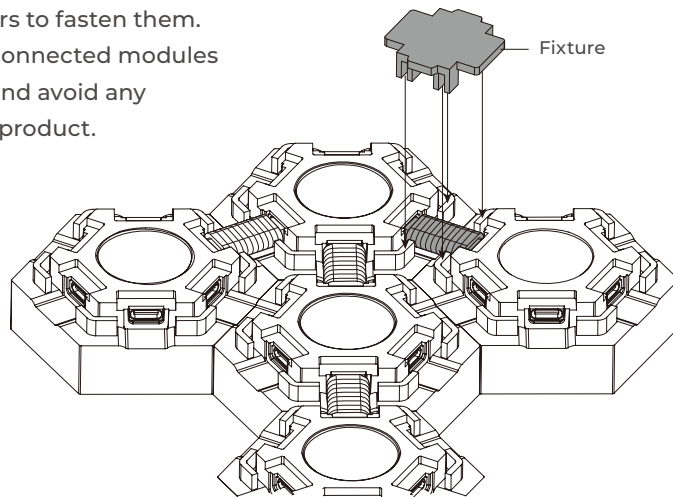
Fixture

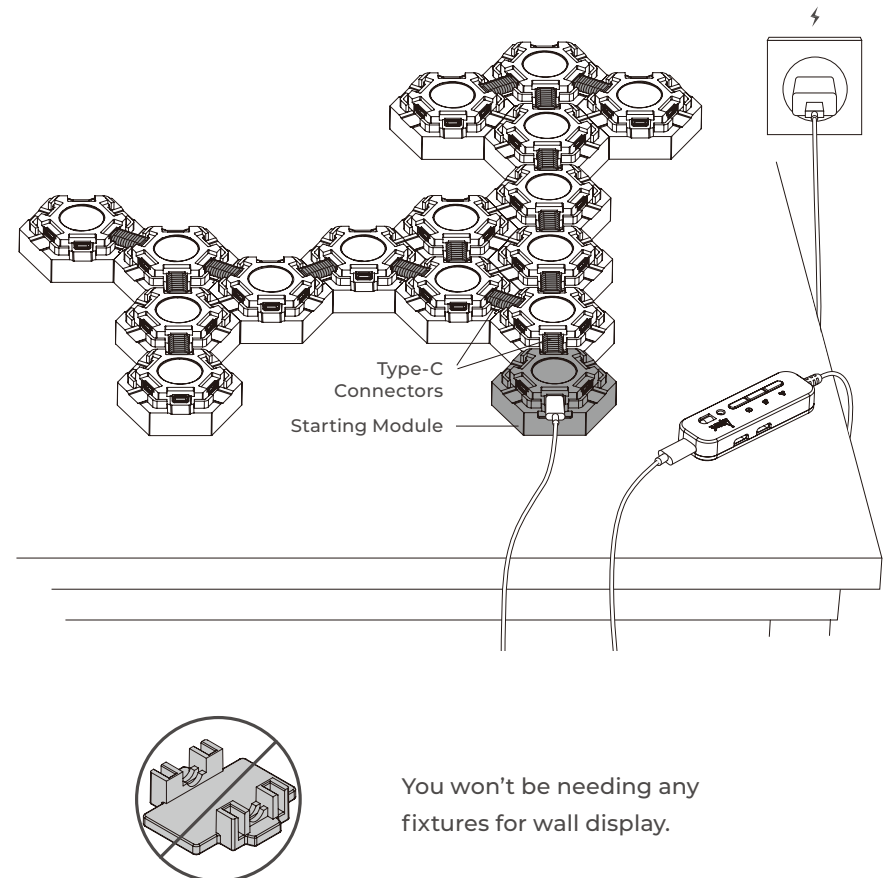Now you can put your creation upright and lean it against an object.

How to Unfasten the Fixture
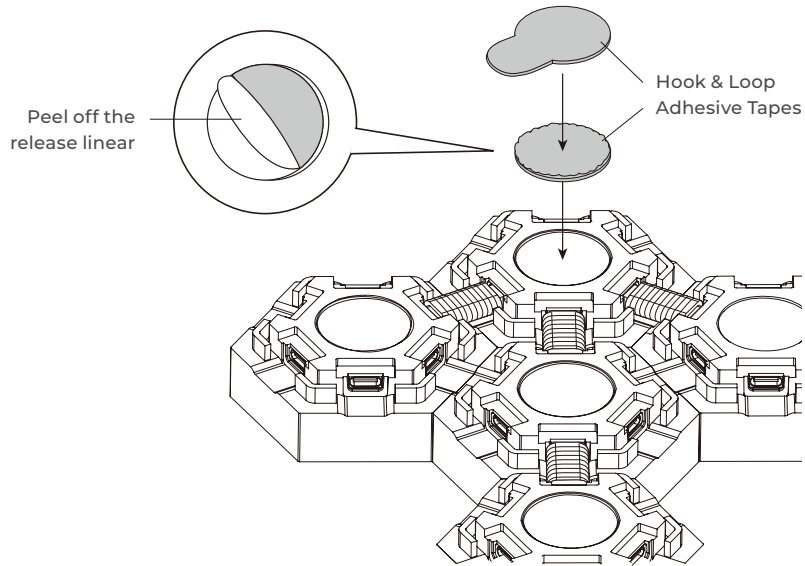
Fixture

Pry Bar

Fixture

Pry Bar
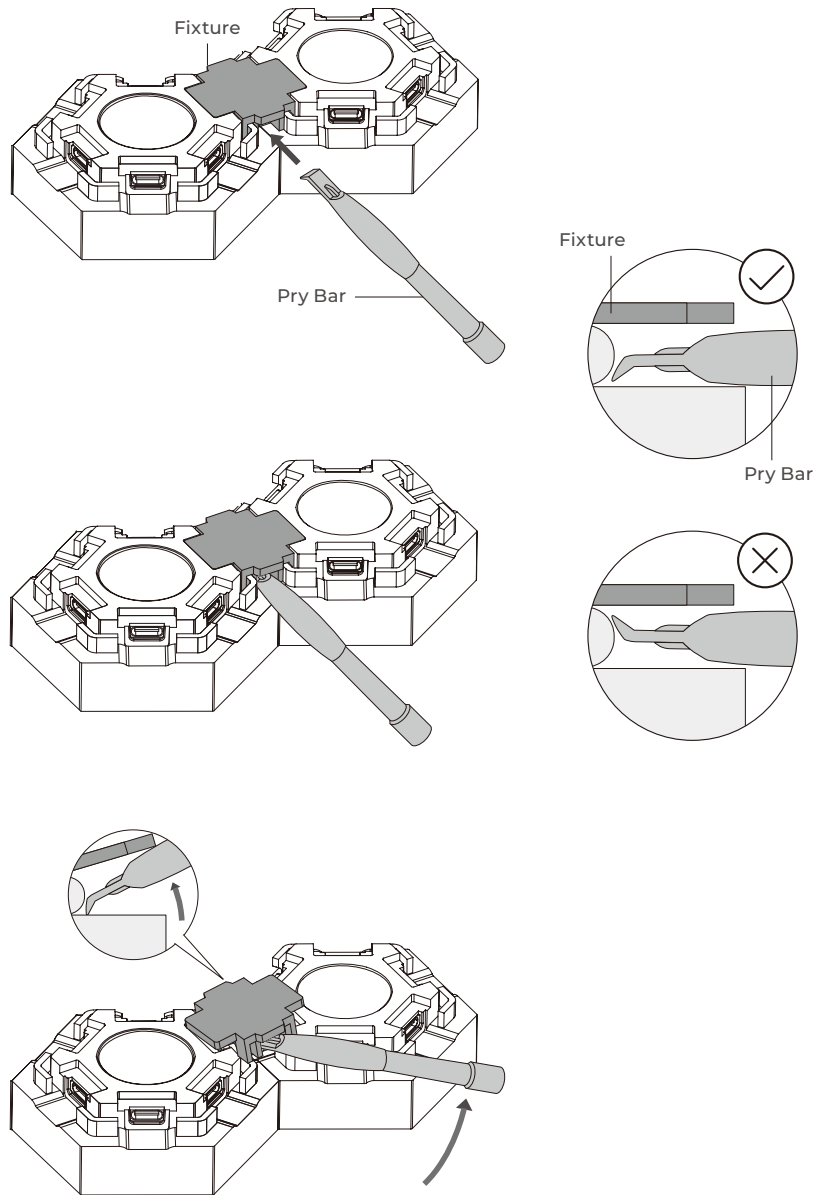
3.Wall Display

Firstly create your layout on a flat surface and designate a module as the starting module. When you are satisfied with your layout, attach connectors between modules and connect to the controller and power source. Then power on to check if all modules are properly connected.

* Please refer to page 16-18 for detailed steps.

Type-C Connectors

Starting Module

You won't be needing any fixtures for wall display.

Peel off the
release linear

Hook & Loop
Adhesive Tapes

Considering that you might
want to change your layout and
get it off the wall anytime, we
suggest you not put adhesive
tapes on the back of every
module.

Starting module
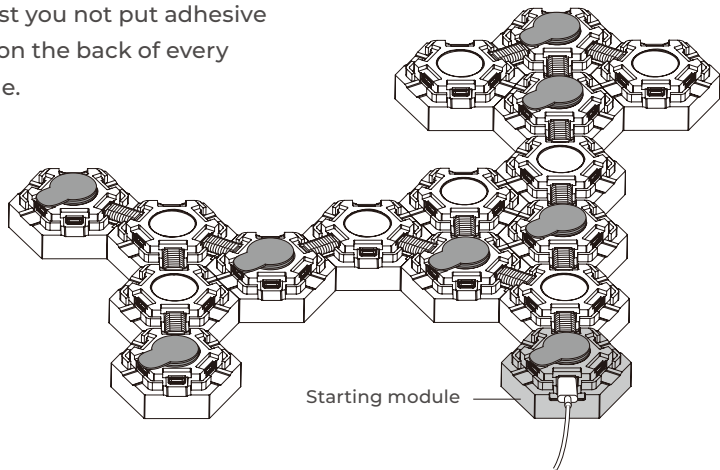
Find the supporting points of your layout and put tapes on these modules.
Every 3 modules should at least have 1 module with tapes on the back.

The light modules should be installed on a clean, flat, and smooth
surface. The adhesive tape is NOT recommended for wallpaper,
brick walls, moist, or dusty walls.

10s
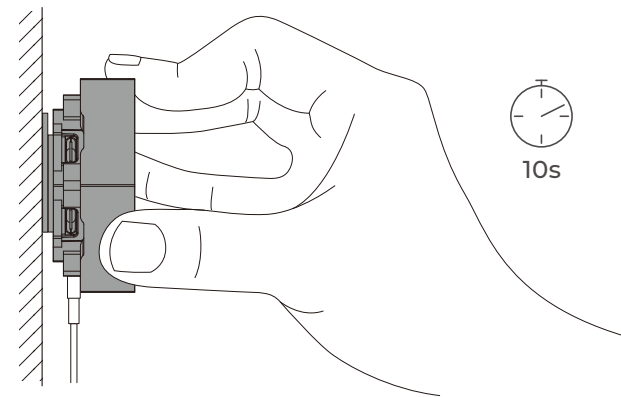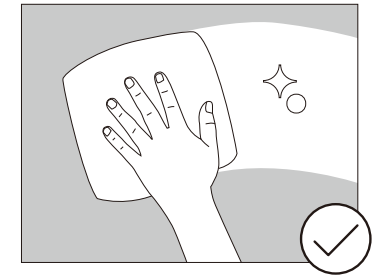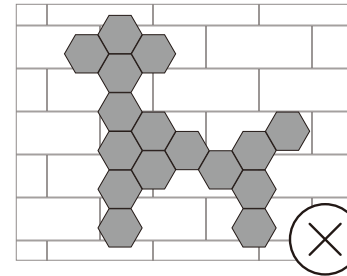
Begin with the starting module with controller while powered on:
Peel off the release linear from tape. Position the module on wall, and apply
strong pressure to the center for more than 10 seconds to better adhere.
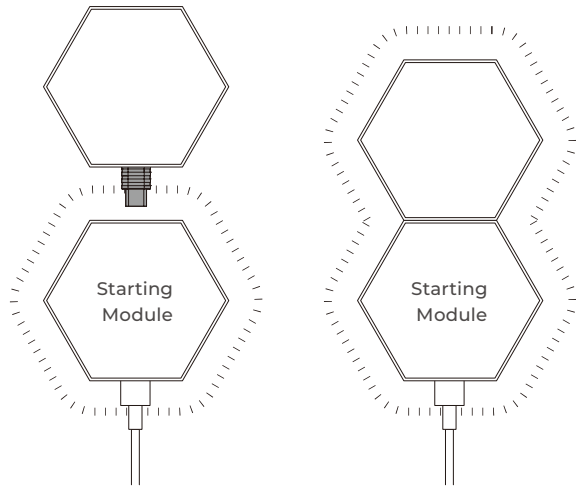
Attach a connector to the next module's input and peel off the tape linear. Plug it into the previous module and then press it onto the wall. Make sure that the newly connected module light up and is aligned edge to edge.
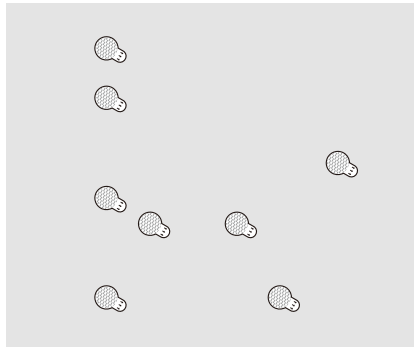
❶ ❷ ❸

❹ ❺
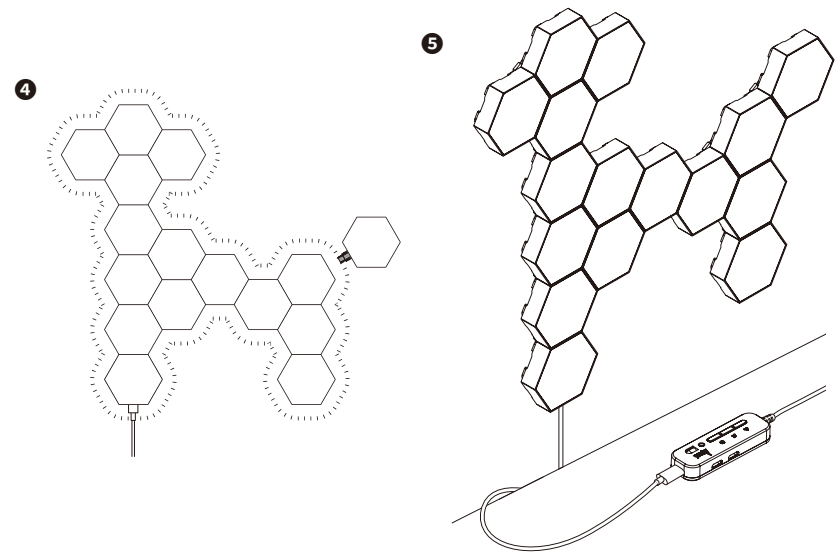
Advanced: Connect Multiple Groups of Modules
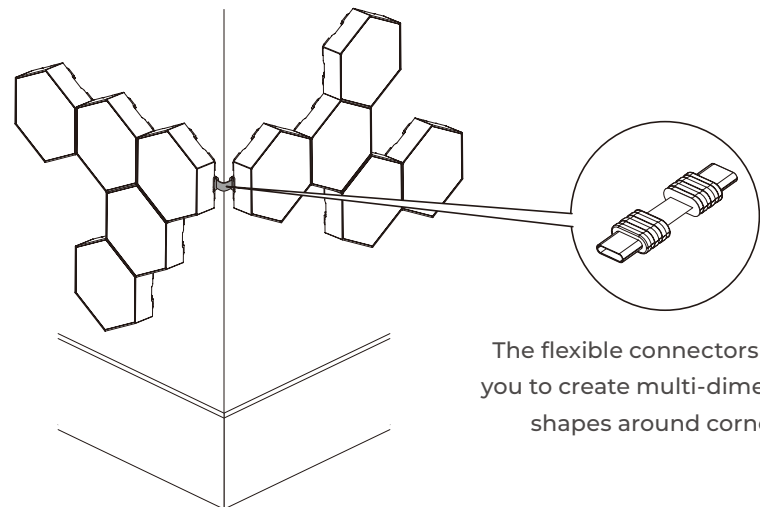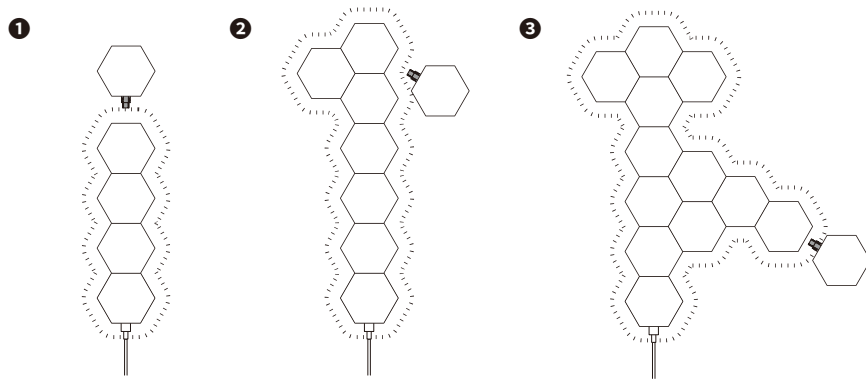
The flexible connectors enable you to create multi-dimensional shapes around corners.
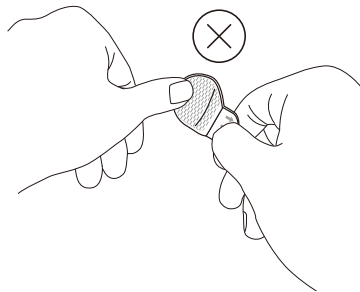
How to Remove Your Layout from Wall

Take off your modules one by one or group by group from the wall. One side of the hook & loop tape will remain on the wall.

With one hand pressing on the tape, use your other hand to pull the sticking-out end along the wall until it is fully removed.

Do not lift or pull from other angles to avoid damage to your wall.

Paint Your Idea