LINIO NEON 360° RGBW
Installation Instructions

Beamever

ATTENTION: This product should be installed by a professional licensed electrician.

UL | IP65 | INDOOR | OUTDOOR | 24V DC | 3 Yr. WARRANTY

Before you start

1 Verify all product is accounted for and in good condition. If not, skip installation instructions and see contact information at the bottom.

2 Please check local electrical codes.

3 Turn power off before installing, and make sure to use properly rated wire.

4 Modifying or not following instructions will void the warranty for this product.

5 Please read the instructions entirely before starting installation.

6 For specifications that call for more intricate installations, please don't hesitate to contact us at info@beamever.com.
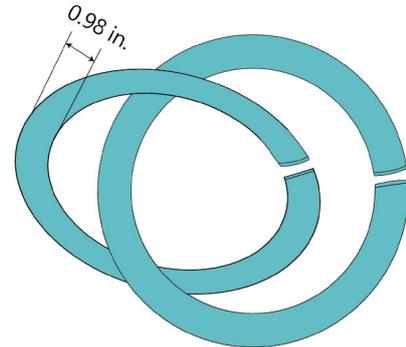
Warning

1 Please operate this product by instructions, and confirm the work voltage, it must be matched with product requirements.

2 This product is not field cuttable. Any wrong operation will damage this product.

3 Use qualified DC power supply.

4 The most suitable operation temperature shall be -40~60℃ (-40~140°F). DO NOT operate light when ambient temperature exceeds this range.

5 DO NOT energize the light over 30 minutes in coil packaging.

6 Please make sure the product does not stick with any paper related material directly.

7 The maximum bend diameter is 7.87'' / 200mm. DO NOT overbend it which may cause product damange. Do not twist, drop, hang the product in any way other than intended. This product can bend vertically&horizontally in relation to its light output.

0.98 in.

Minimum Bending Diameter
7.87"

Bend smaller than bending diameter
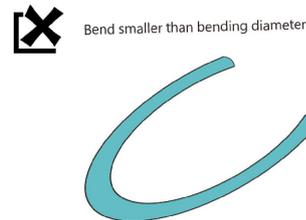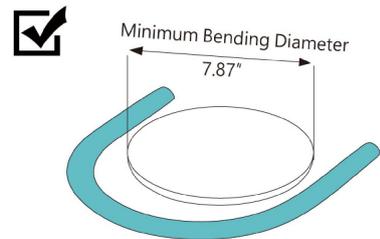
Installing Accessories

*Note* • Disconnect power at the source prior to attempting installation.

• NEVER wet the assembly units or assemble with wet hands.
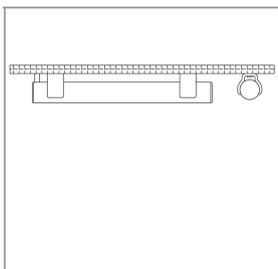
Surface mounting with open PC clips (LN360-01)
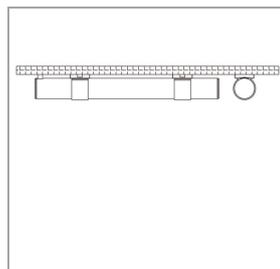
Surface mounting with closed clips (LN360-02)
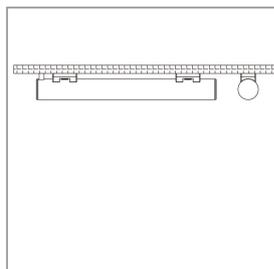
Surface mounting with clear low profile clip (LN360-03)
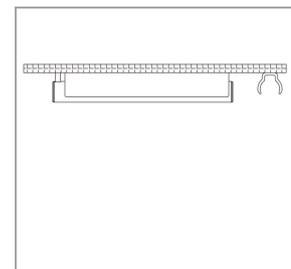
Surface mounting with PC profile (LN360-04)
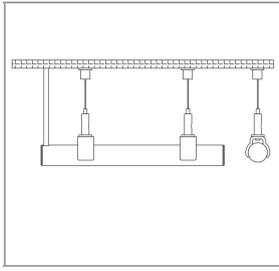
Suspended mounting with open PC clips (LN360-05)
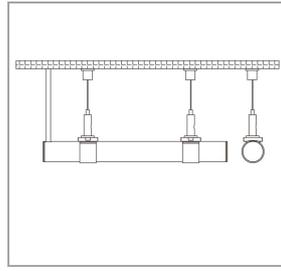
Suspended mounting with clear closed clip (LN360-06)
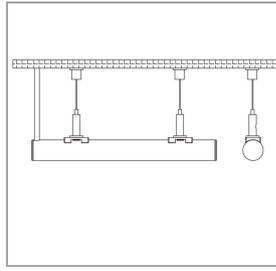
Suspended mounting with clear thin clip (LN360-07)
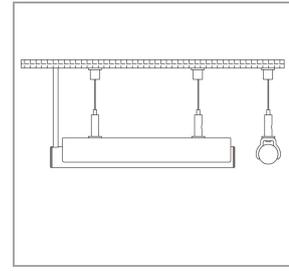

Horizontal suspended mount with PC profile (LN360-08)
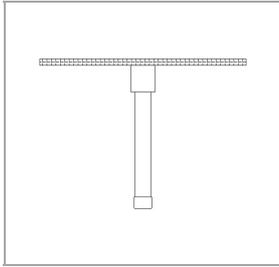
Vertical metal flush mounting (LN360-09)
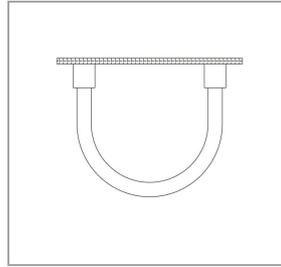
Metal flush mounting for "U" shape (ALN360-10)
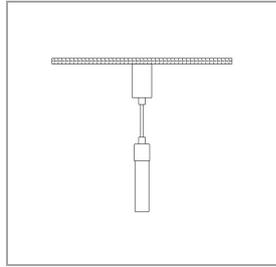
Vertical pendant suspended mounting (LN360-11)
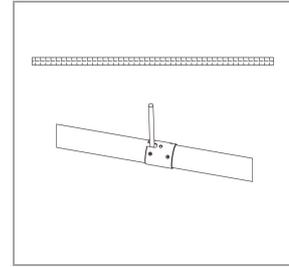
Metal joiner for side cable entry end cap (LN360-12)
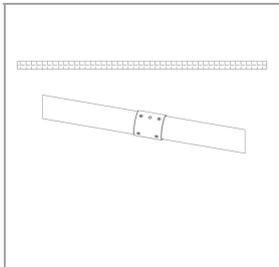
Metal joiner for closed end cap (LN360-13)
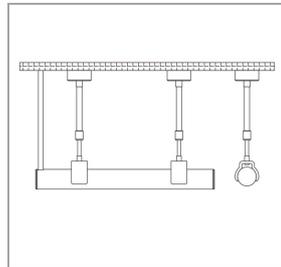
Telescoping mounting with clear open clip (LN360-14)
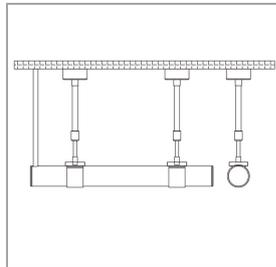
Telescoping mounting with closed PC clips (LN360-15)
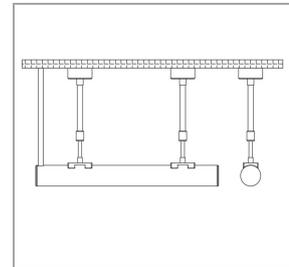
Telescoping mounting with thin clips (LN360-16)

Telescoping mounting with PC profile (LN360-17)

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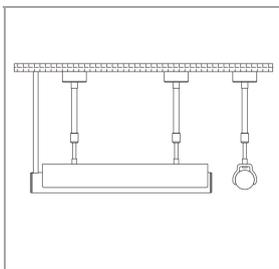
## 01 LINIO NEON 360° – Surface mounting with open PC clips (LN360–01)
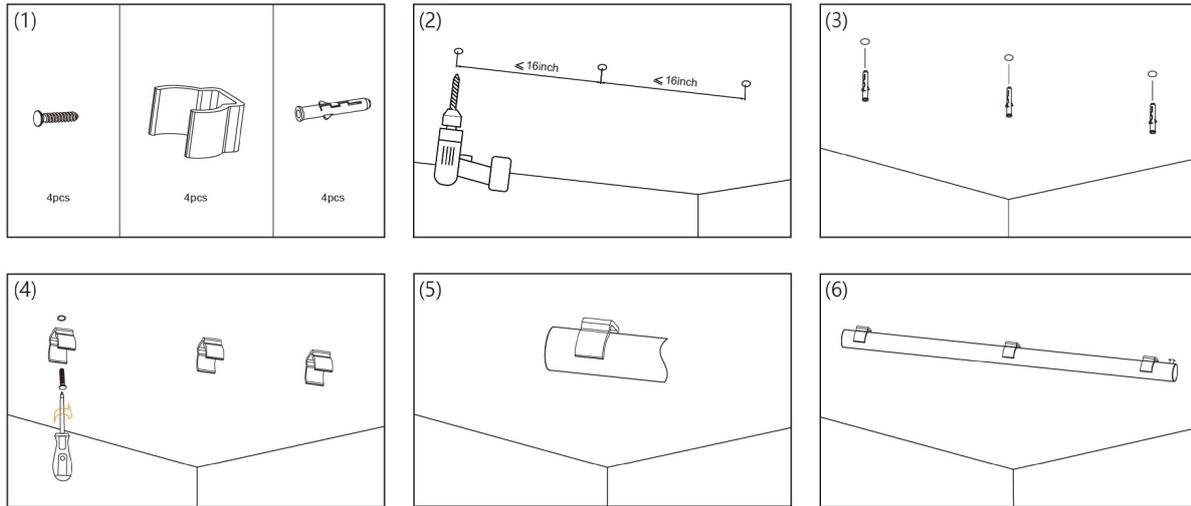
02 LINIO NEON 360° – Surface mounting with closed clips (LN360–02)

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03 LINIO NEON 360° – Surface mounting with clear low profile clip(LN360–03)

(1) 8pcs / 16pcs / 4pcs / 4pcs

(2) 0.51inch ≤16inch ≤16inch

(3)

(4)

(5) =figure 2

(6)

(7)
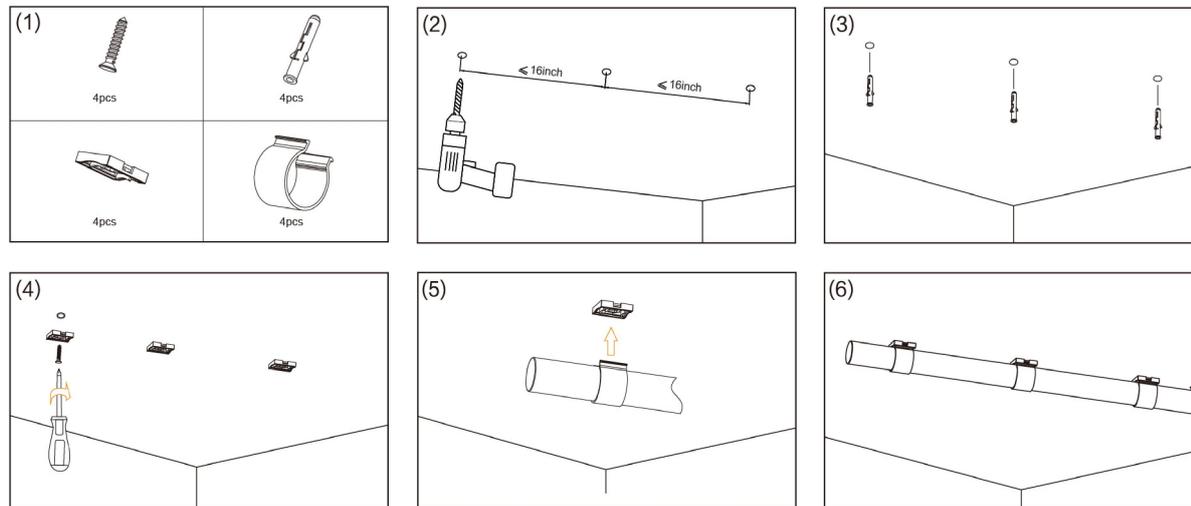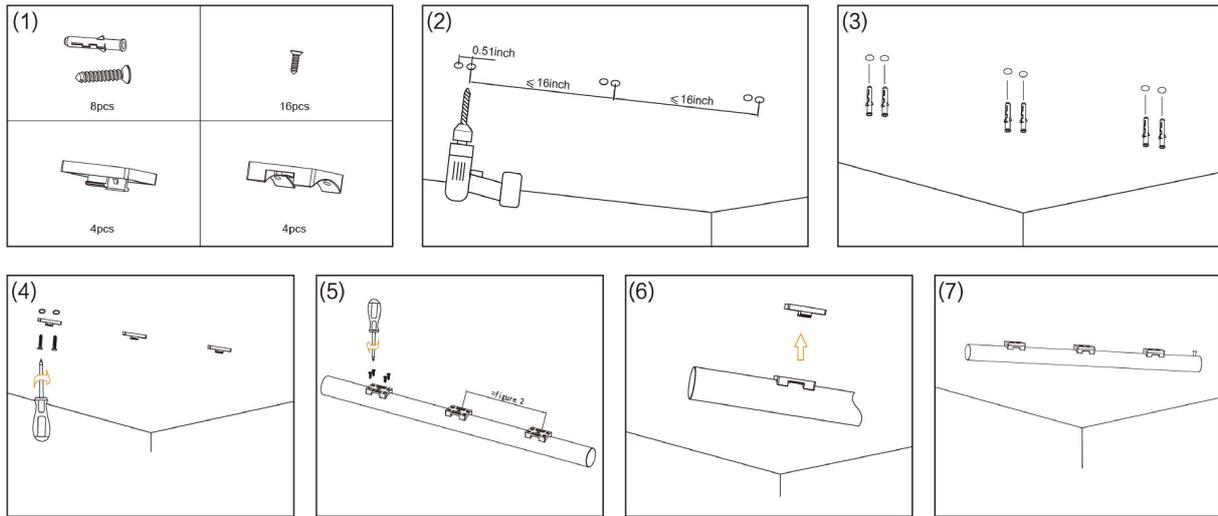
04 LINIO NEON 360° – Surface mounting with PC profile (LN360–04)

(1) 1pcs / 3pcs / 3pcs

(2) ≤16inch ≤16inch

(3)

(4)

(5)
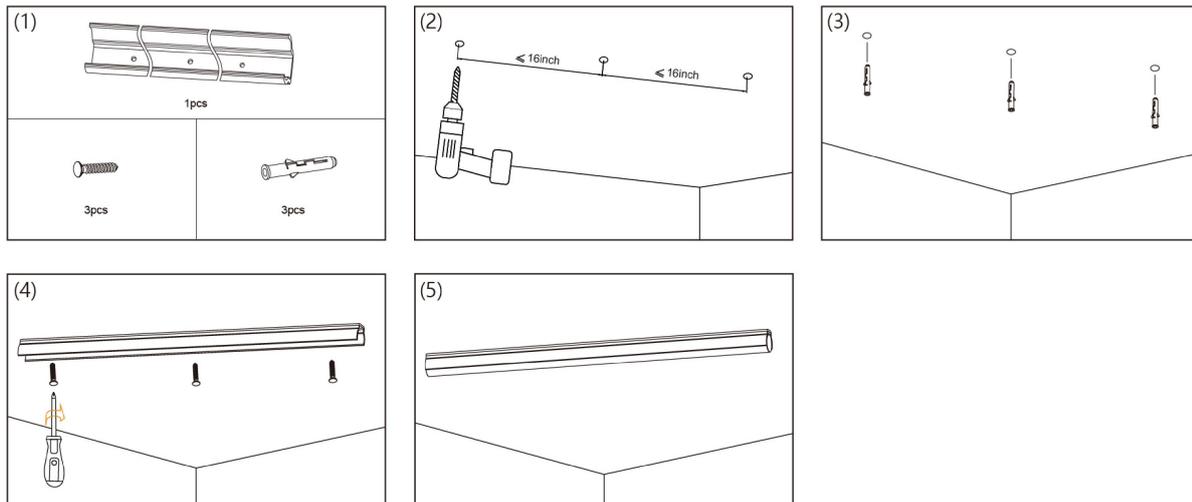
## 05 LINIO NEON 360°　–Suspended mounting with open PC clips (LN360–05)

06 LINIO NEON 360°　– Suspended mounting with clear closed clip(LN360–06)

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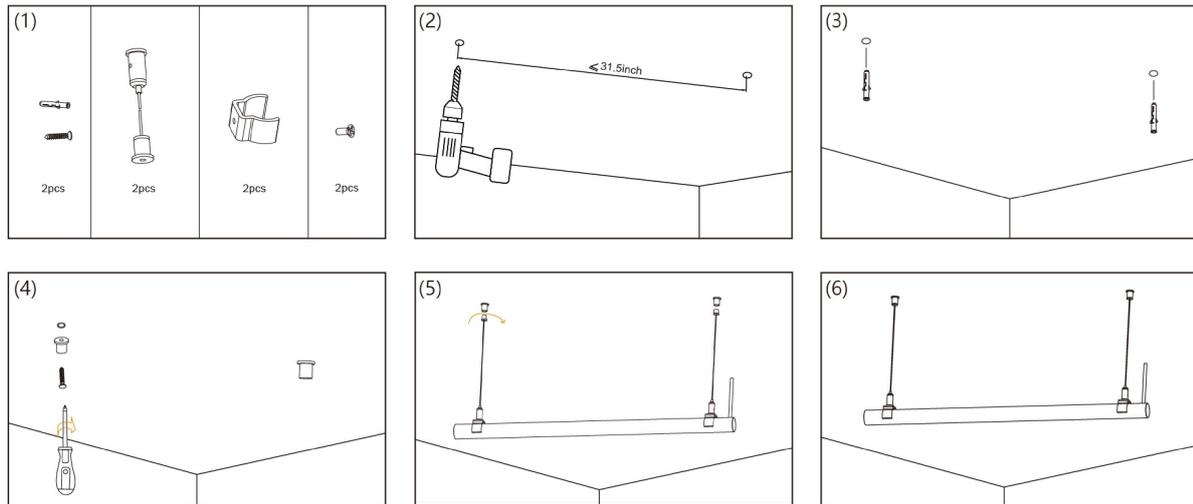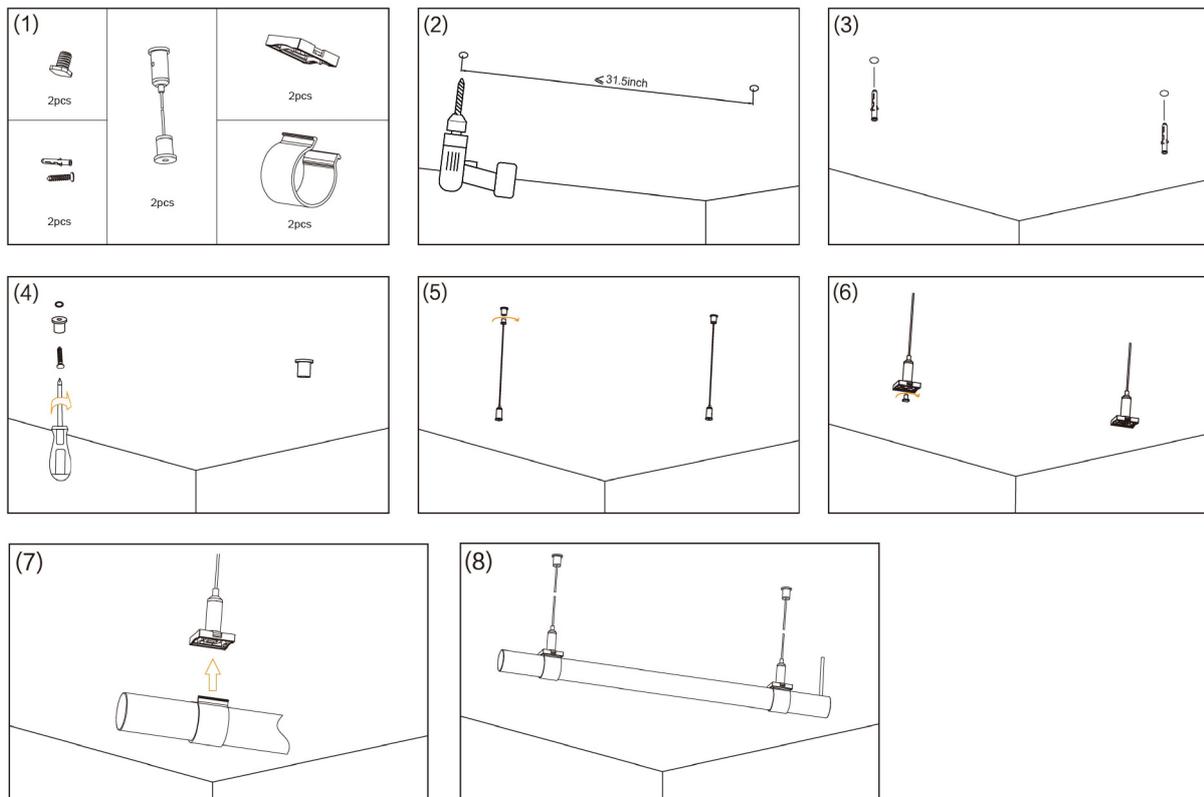
07 LINIO NEON 360° – Suspended mounting with clear low pprofiile clip(LN360–07)
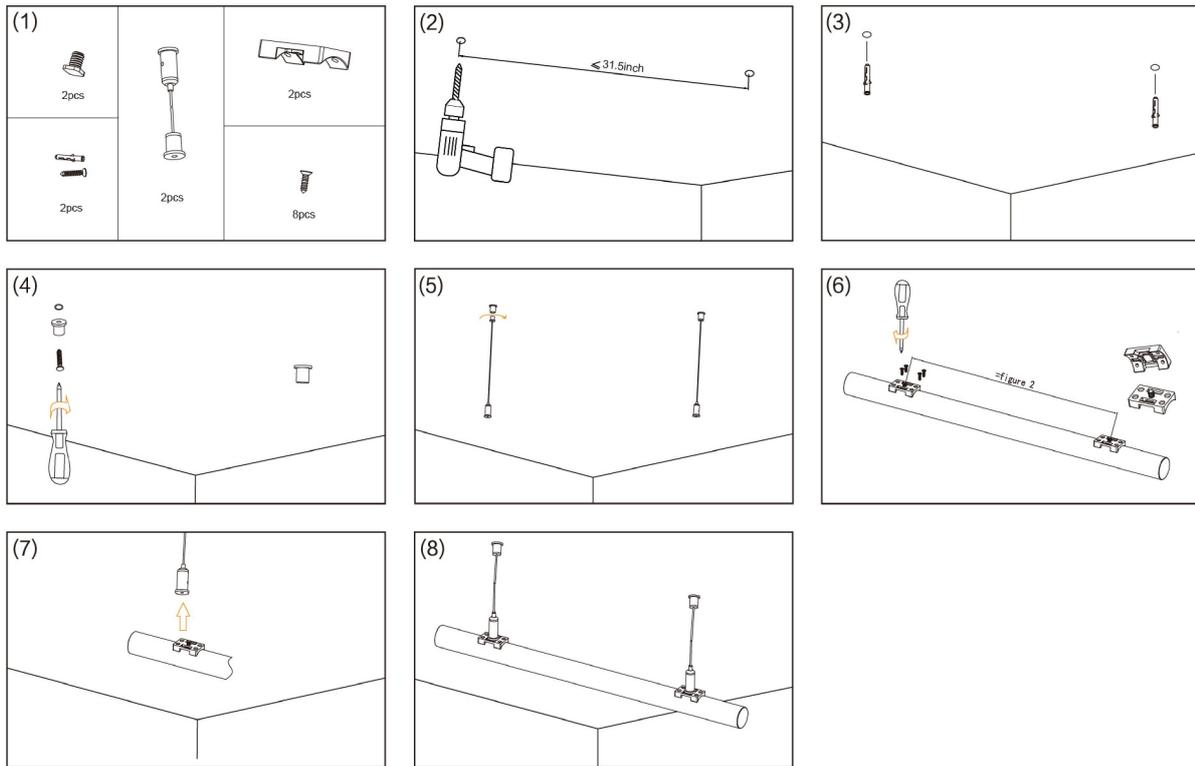
08 LINIO NEON 360° – Horizontal suspended mount with PC profile (LN360–08)

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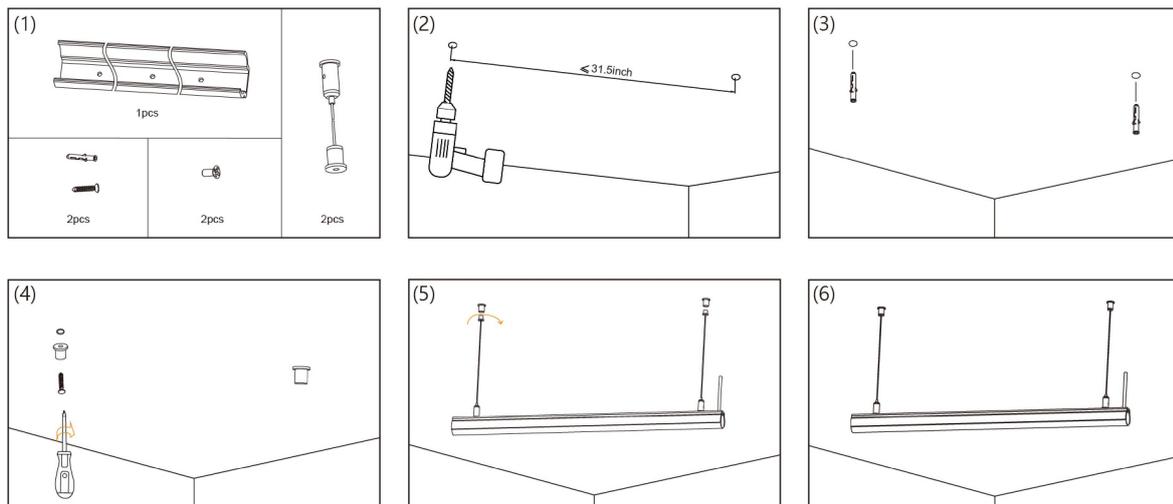
09 LINIO NEON 360° – Vertical metal flush mounting (LN360–09)

(1) 6pcs 2pcs 2pcs 1pcs 1pcs 1pcs

(2)

(3)

(4)

(5)

(6)

(7)

(8)

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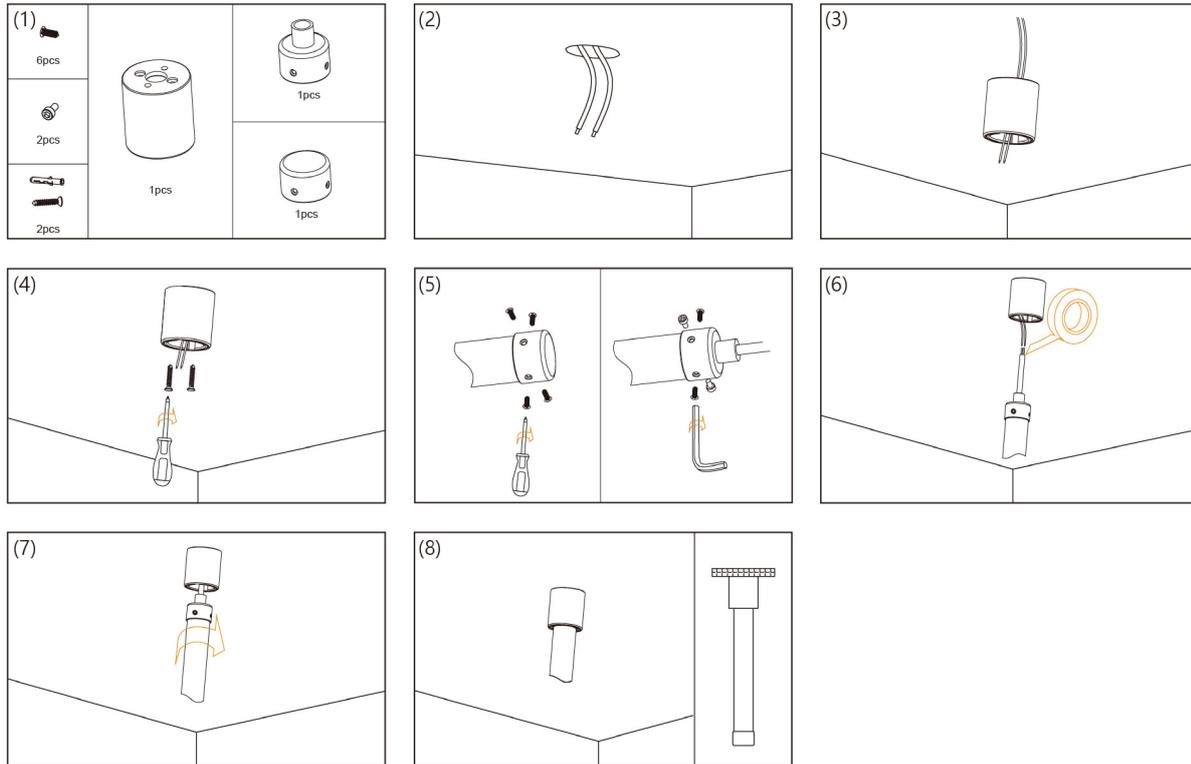
10 LINIO NEON 360° – Metal flush mounting for "U" shape (LN360–10)
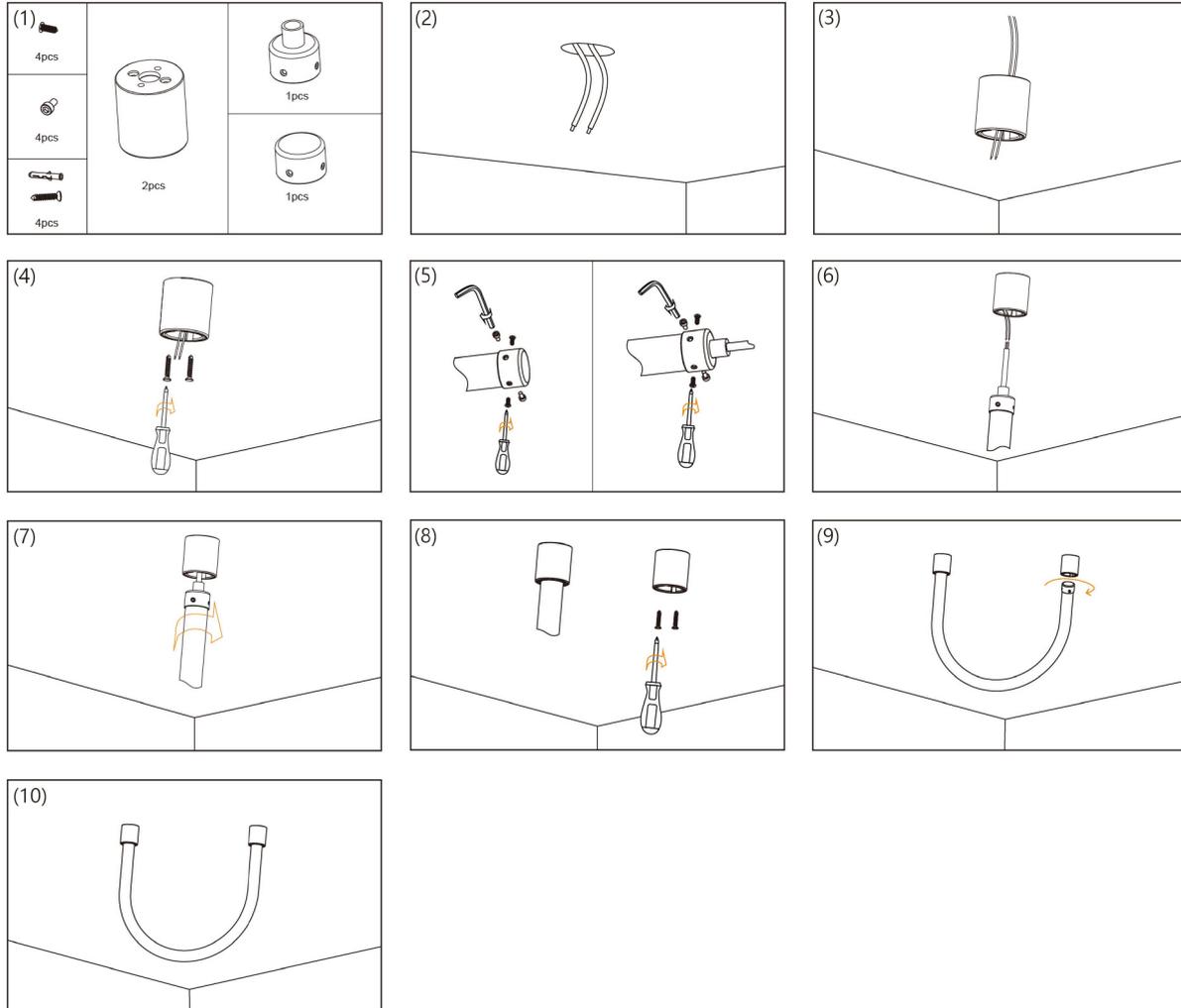
11 LINIO NEON 360° – Vertical pendant suspended mounting (LN360–11)

12 LINIO NEON 360° – Metal joiner for side cable entry end cap (LN360–12)

13 LINIO NEON 360° – Metal joiner for closed end cap (LN360–13)

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14 LINIO NEON 360° – Telescoping mounting with clear open clip(LN360–14)

(1) 2pcs / 4pcs / 2pcs / 4pcs / 2pcs / 2pcs / 2pcs / 2pcs / 2pcs

(2) 1.34inch   ≤ 31.5inch

(3)

(4)

(5)

(6)

(7)

(8) 19.7-39.37inch

(9)

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15 LINIO NEON 360° – Telescoping mounting with closed PC clips (LN360–15)

(1) 2pcs 4pcs 2pcs 2pcs 2pcs 2pcs 4pcs 2pcs

(2) 1.34inch ≤ 31.5inch

(3)

(4)

(5)

(6)

(7)

(8) 19.7-39.37inch

(9)

(10)
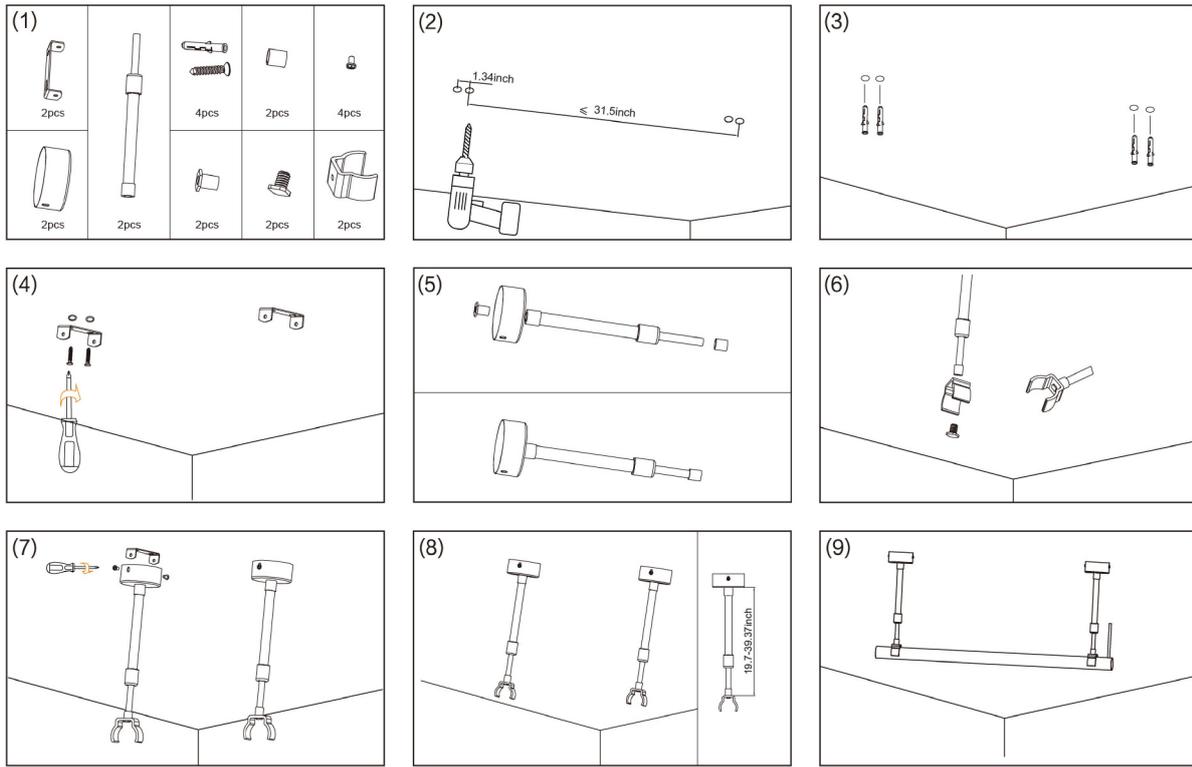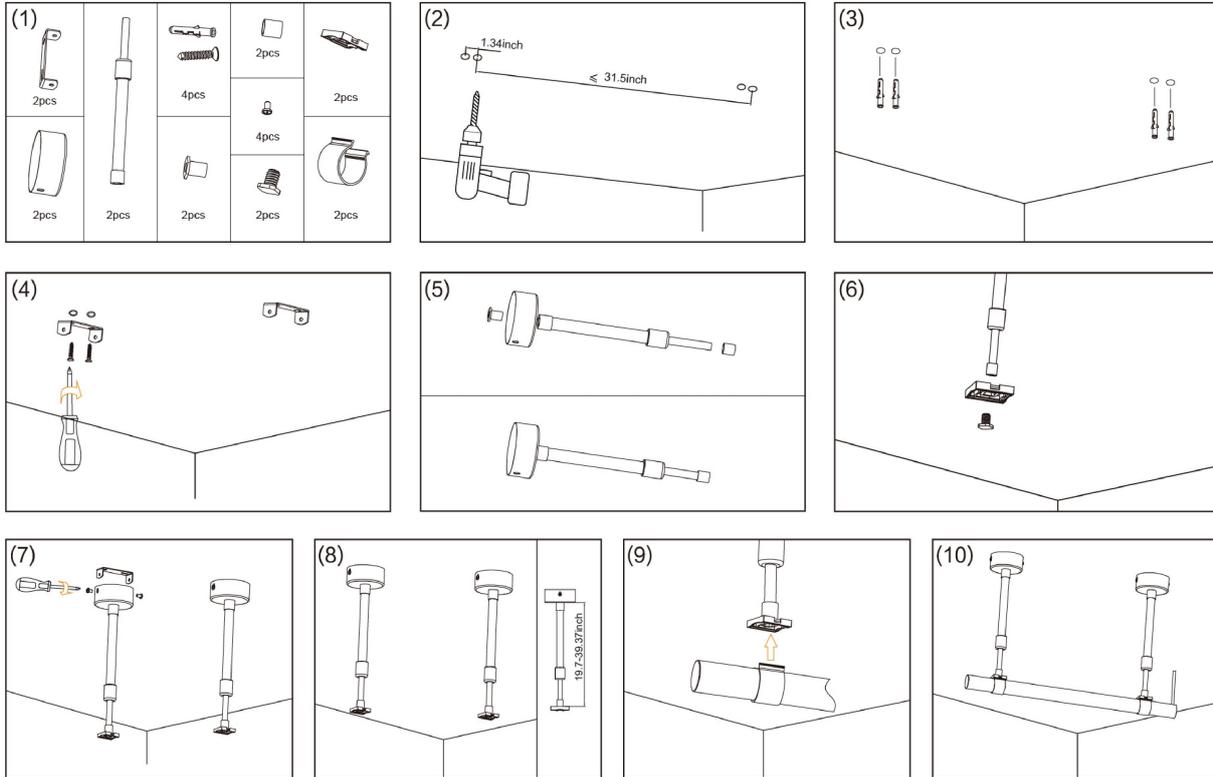
16 LINIO NEON 360° – Telescoping mounting with low profile clips (LN360–16)

(1)
2pcs
4pcs
2pcs
2pcs
4pcs
2pcs
2pcs
2pcs
8pcs

(2)
1.34inch
≤ 31.5inch

(3)

(4)

(5)

(6)

(7)
=figure 2

(8)
19.7-39.37inch

(9)

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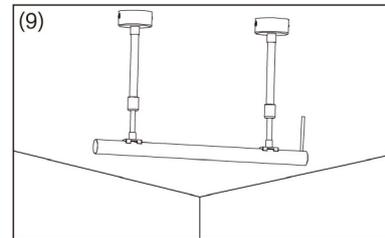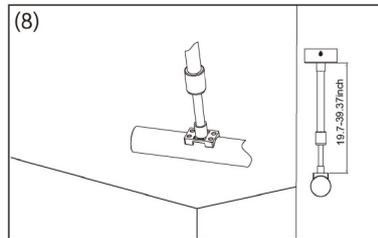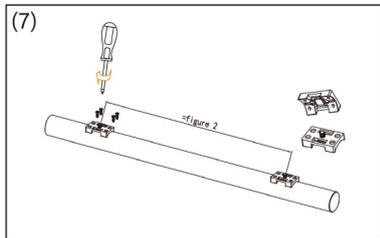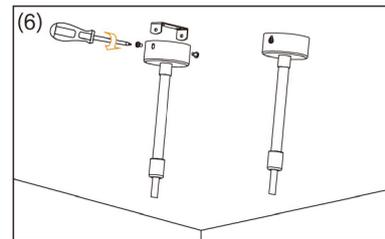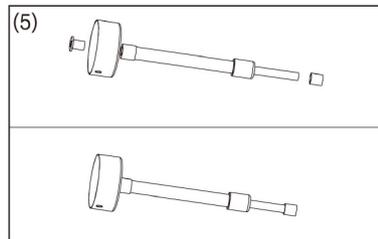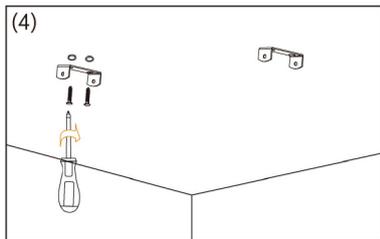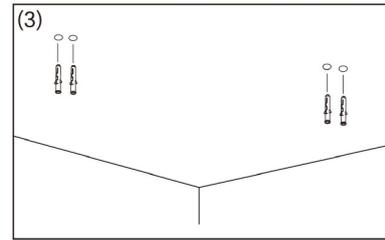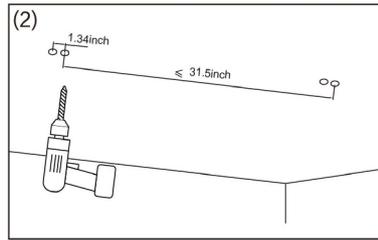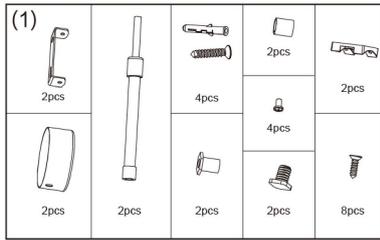
17 LINIO NEON 360° – Telescoping mounting with PC profile (LN360–17)

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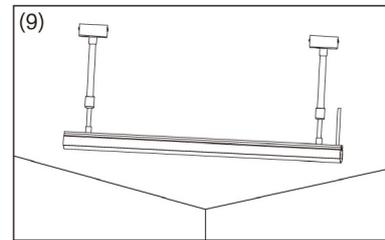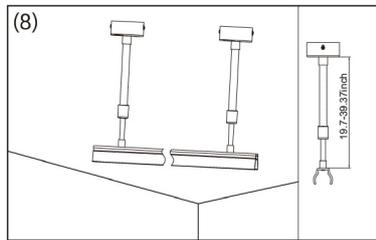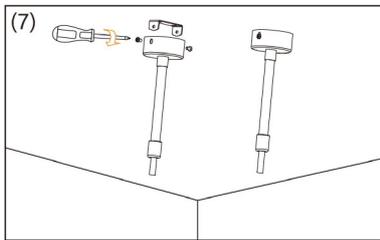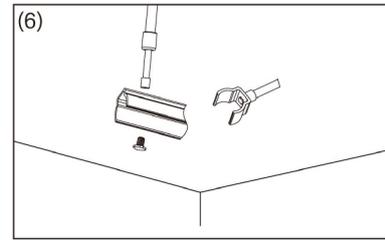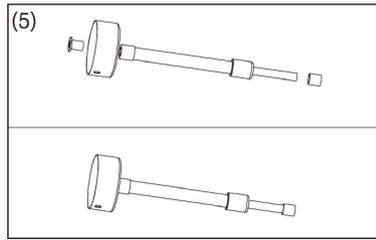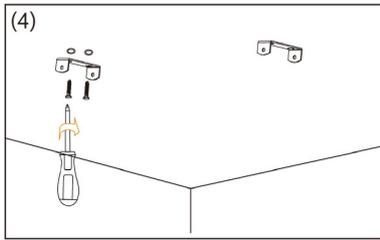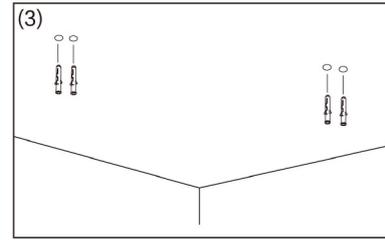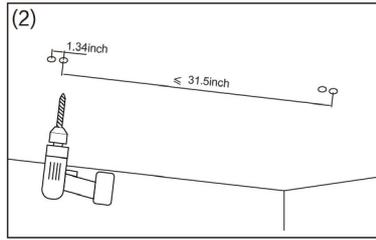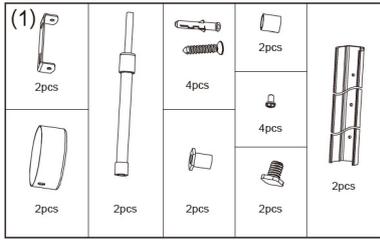
Wiring Diagram

| Note	• Disconnect power at the source prior to attempting installation.
	• Use this product with appropriate 24V DC power supply only. Any other power supply may damage the product.
	• Always observe proper polarity.
	• Ensure to add 20% buffer when sizing power supply.
	• Ensure that the power cable carried current is no greater than 80% of its capacity.
	• To minimize the voltage drop and keep light consistency, position power supply nearest to the power feed end of the fixture and keep the power line as short as possible.
	• Prior to installing 24V DC power supply, refer to the power supply installation instruction for more information.

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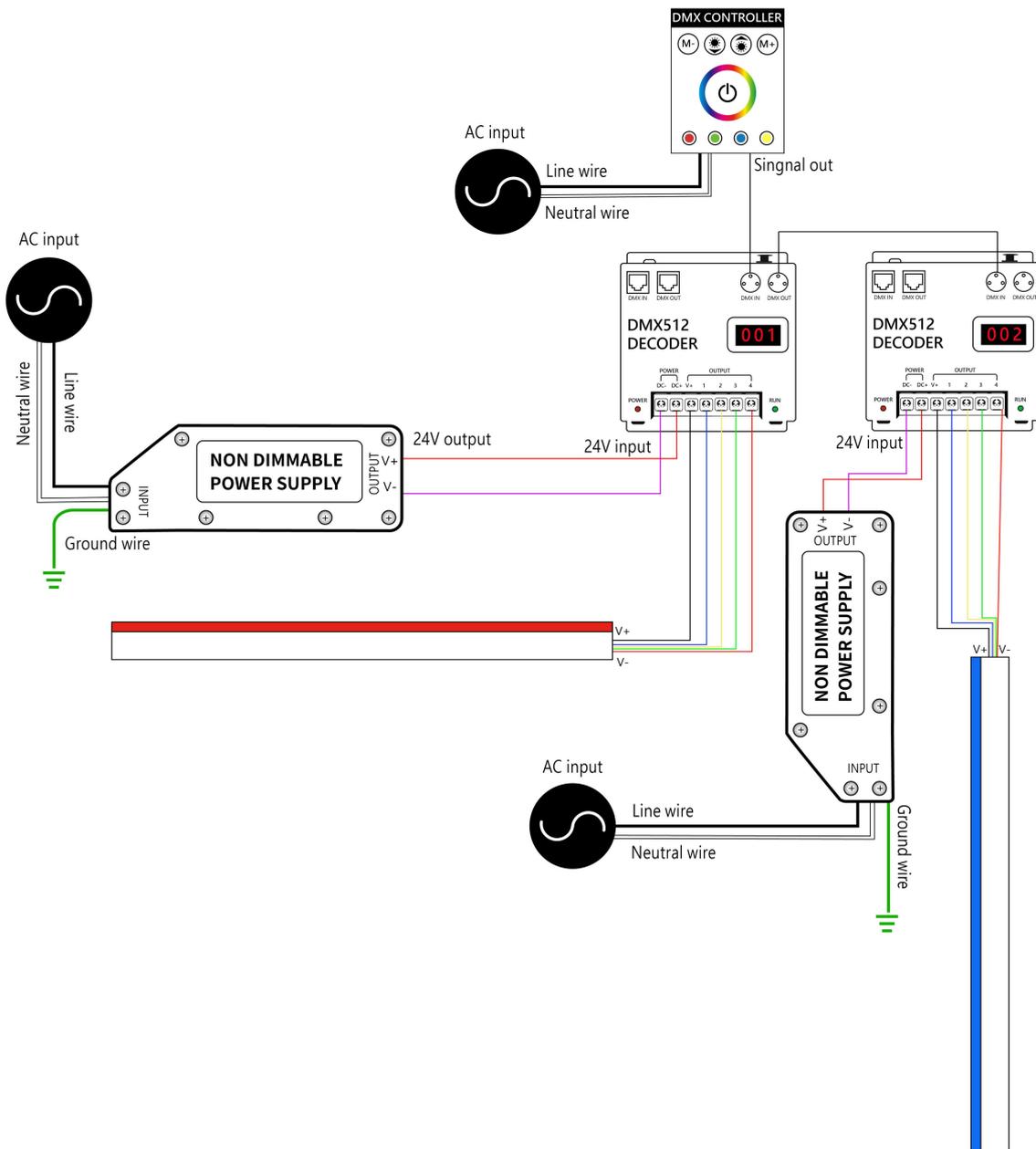
Trouble Shooting

01 The whole fixture doesn't work.

- Check whether the power supply is plugged in, switched on and receiving power.
- Check whether the fixture, decoders, controllers are connected to the power supply correctly.
- Check whether the polarity of all wire connections are connectd correctly.
- Make sure power supply output voltage is 24V DC.
- Check whether the connector and end caps are inserted behind the PCB properly.

02 Light emitting appear dim or dull at one end.

- Check whether the output voltage of the power supply is lower than that of the fixture.
- Adjust the dimming level to the maximum.
- Try to power the fixture from both ends or shorten lighting length to prevent voltage drop.
- Check whether the fixture is too far away from the power supply leading to voltage drop.

03 Light emitting appear excessive brightness.

- Check whether the output voltage of power supply is higher than that of the fixture.
- Check whether the power grid is stable.

04 The first segment of the fixture doesn't work.

- Check whether the fixture is NOT cut on indicated cutting mark in a straight line.
- Cut out and remove the first segment.
- Check whether the first LED is damage when inserting the cable connector/end cap. Cut out and remove the first segment and properly assemble again.
- Check whether there is water ingress due to poor connector/end cap assembling, leading to short circuit of first segment. Replace the length with a new one.
- Check whether there is external impact damage inside LEDs. Replace the length with a new one.

05 Fixture is flashing on and off.

- Check whether the sizing of the power supply supports the length of the fixture.
- Select the appropriate strength or install additional power supply.
- Check whether power supply output voltage is stable.
- Check whether the connector/end cap is properly installed with good contact with the copper PCB.
- Check whether proper controller is connected for light working.