



COLUMN SERIES

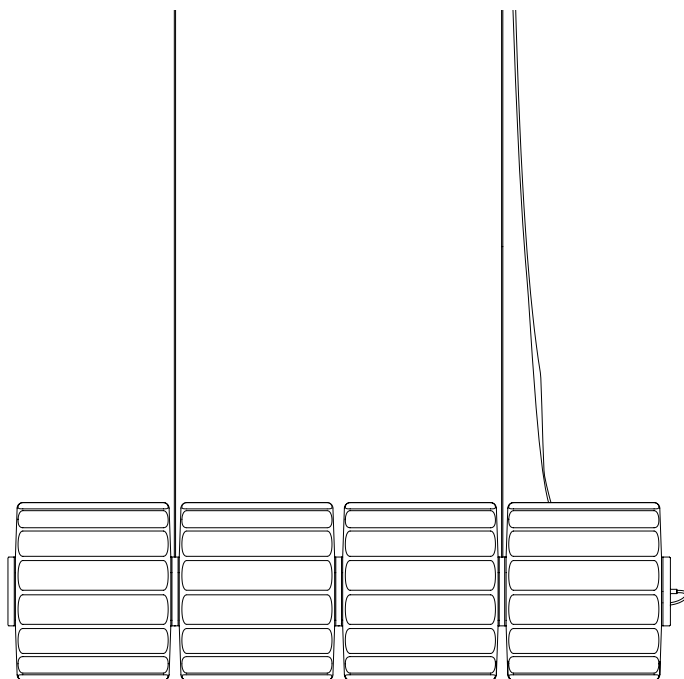
HORIZONTAL 8-12 – PENDANT

DESIGNER
LUKAS PEET

INSTRUCTIONS



SCAN HERE



NORTH AMERICA



a-n-d.com

INSTALLATION NOTES

The luminaire is powered by 24V DC.

Two constant voltage LED driver are required to operate the luminaire. The LED driver varies, depending on input voltage and dimming requirements.

A minimum of two people are required to install the Column Pendant.

For questions regarding installation,
please email **info@a-n-d.com**



CARE INSTRUCTIONS

Always wear clean gloves when handling the luminaire. Clean finished surfaces with a soft, lint-free cloth. Clean acrylic diffuser with a soft lint-free cloth and a diluted solution of dish soap in warm water.

For replacement parts contact A-N-D directly.



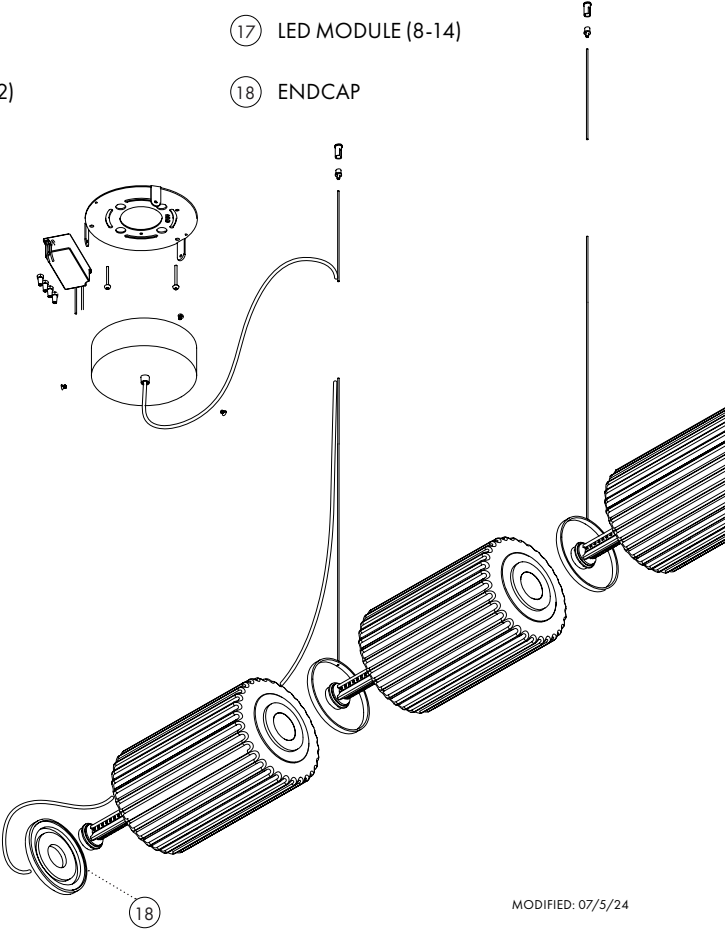
WARNING

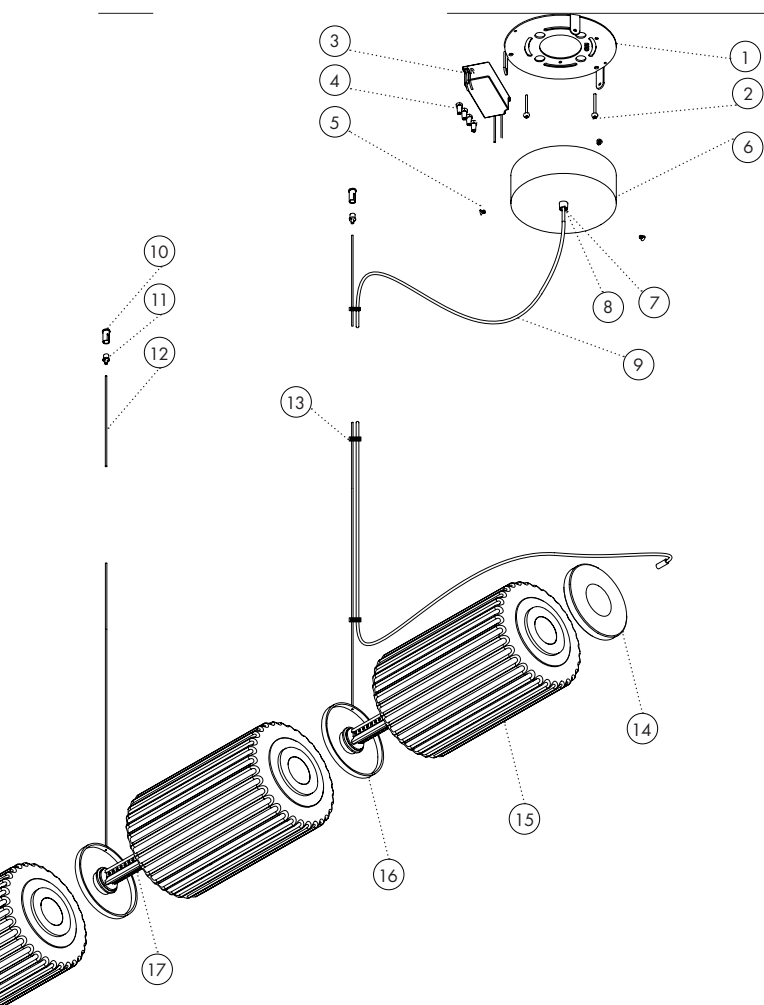
The luminaire must be installed by a qualified electrician in a dry indoor location.

Failure to meet any or all of these criteria will not only damage the luminaire, but will void both the warranty and all of its certifications.

COMPONENTS

- ① BACKPLATE (2)
- ② #8-32 SCREW (4)
- ③ LED DRIVER (2)
- ④ TERMINAL (8)
- ⑤ CANOPY SCREW (6)
- ⑥ CANOPY (2)
- ⑦ STRAIN RELIEF PLASTIC SET SCREW (2)
- ⑧ STRAIN RELIEF (2)
- ⑨ ELECTRICAL CORD (2)
- ⑩ ANCHOR (4-7)
- ⑪ CABLE GRIPPER (4-7)
- ⑫ AIRCRAFT CABLE (4-7)
- ⑬ O-RING (8)
- ⑭ POWER CAP
- ⑮ GLASS (8-14)
- ⑯ COLLAR RING (7-13)
- ⑰ LED MODULE (8-14)
- ⑱ ENDCAP





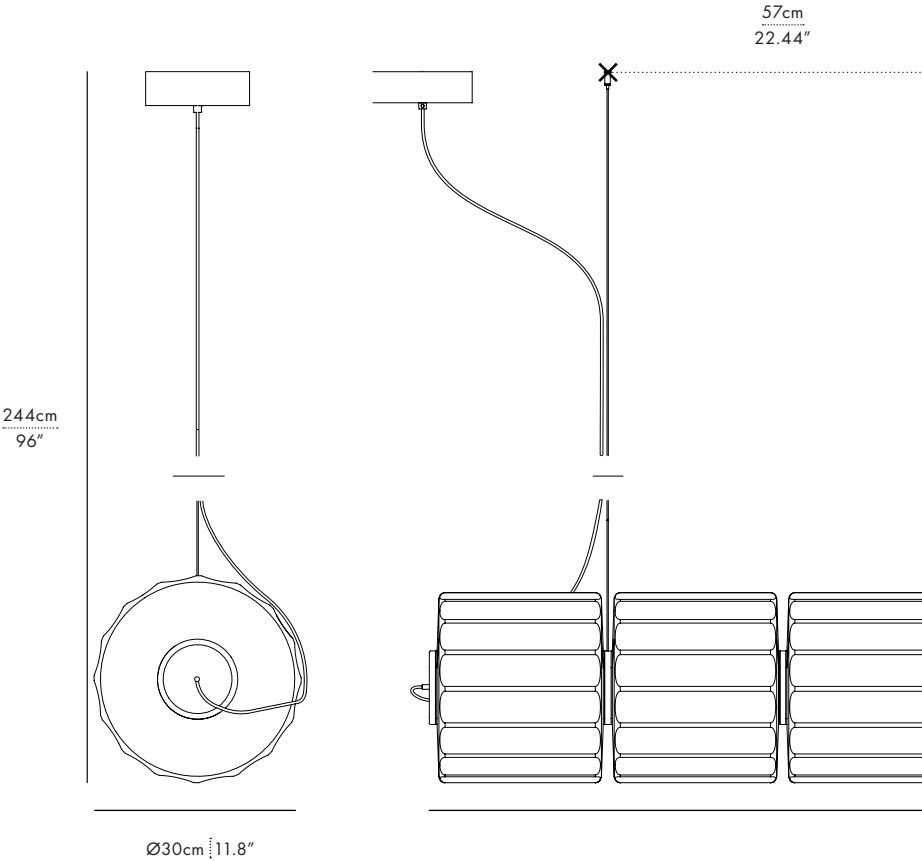
* PARTIAL MODEL SHOWN

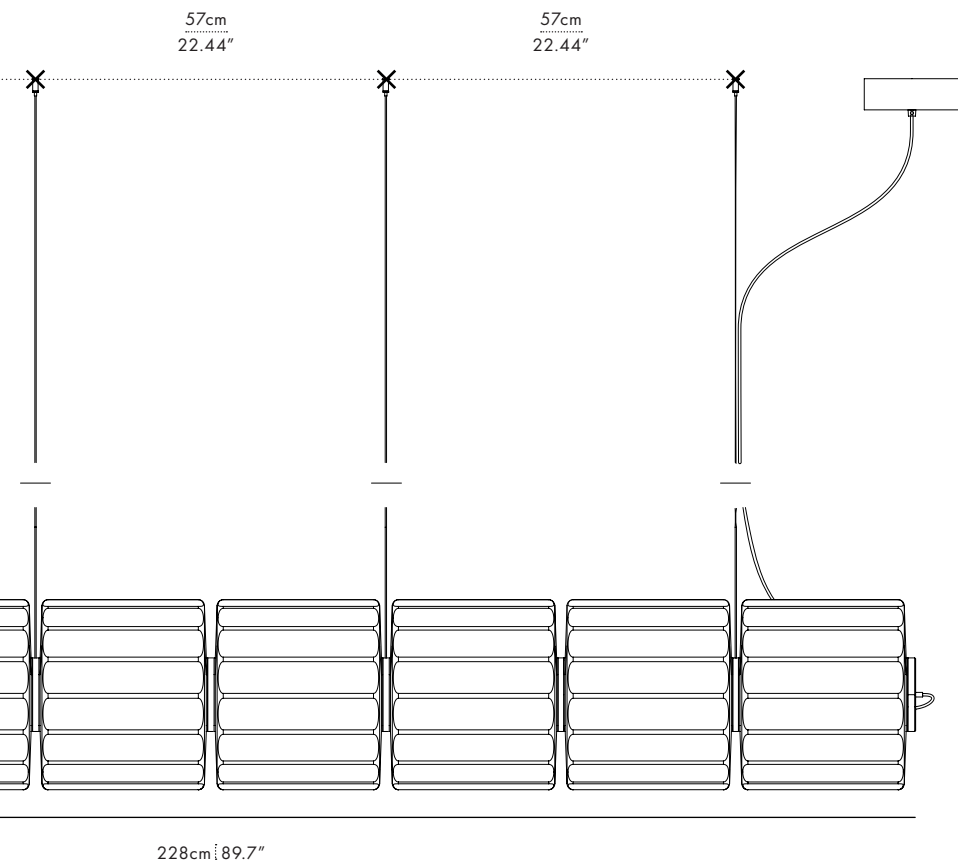
COLUMN 300 CUSTOM HORIZONTAL OPTIONS

WEIGHTS / ANCHOR POINTS

CUSTOM HORIZONTAL 8

76lbs / 34.4 kg





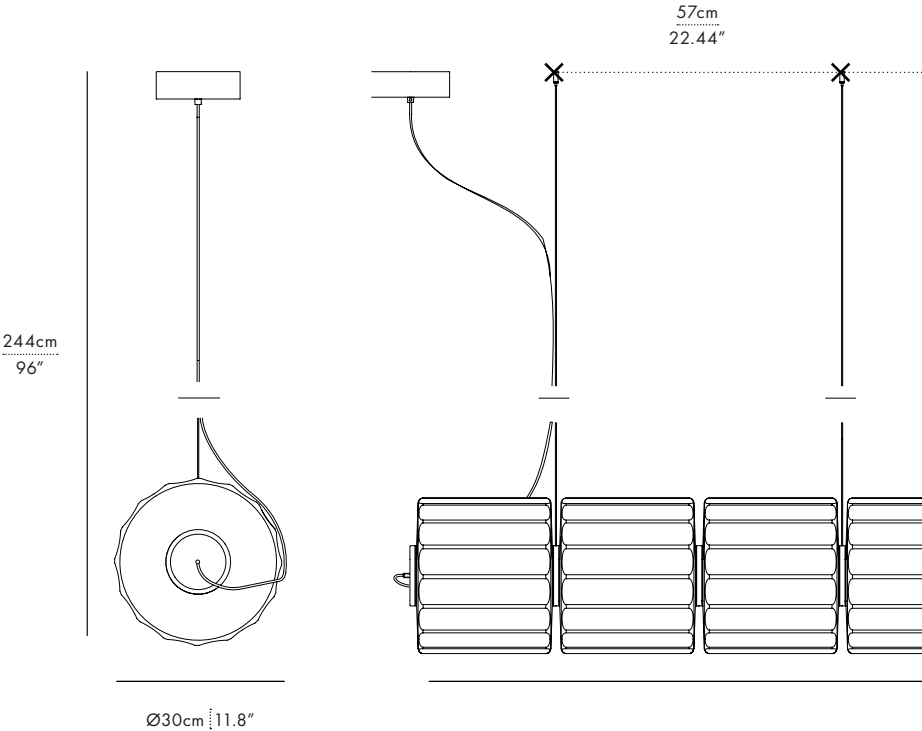
ANCHOR POINTS

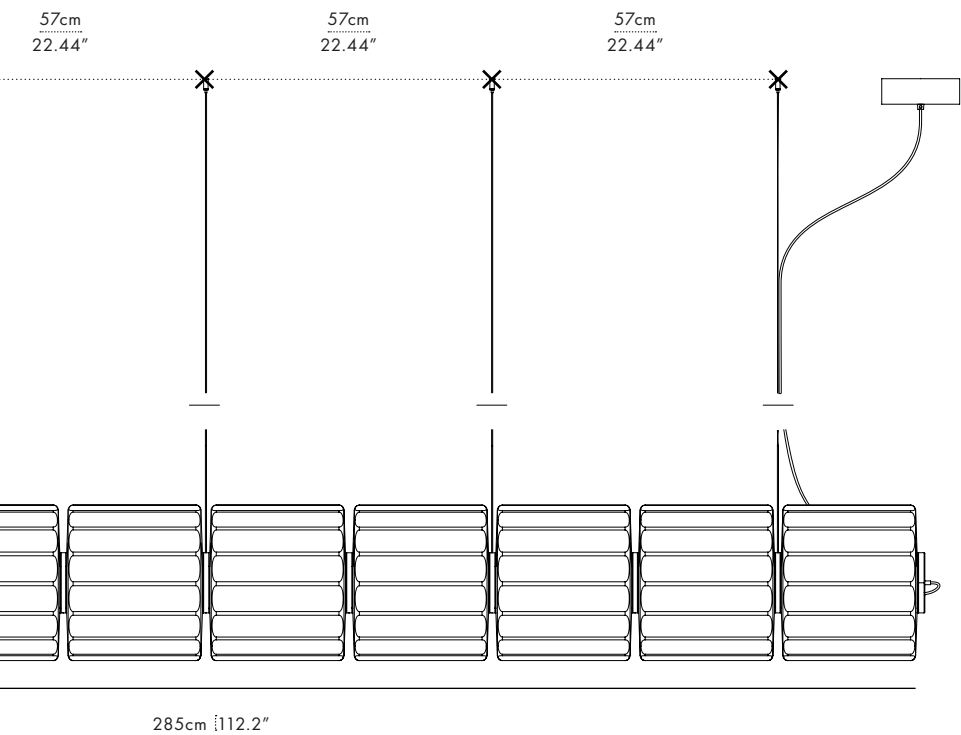
COLUMN 300 CUSTOM HORIZONTAL OPTIONS

WEIGHTS / ANCHOR POINTS

CUSTOM HORIZONTAL 10

95 lbs / 43 kg





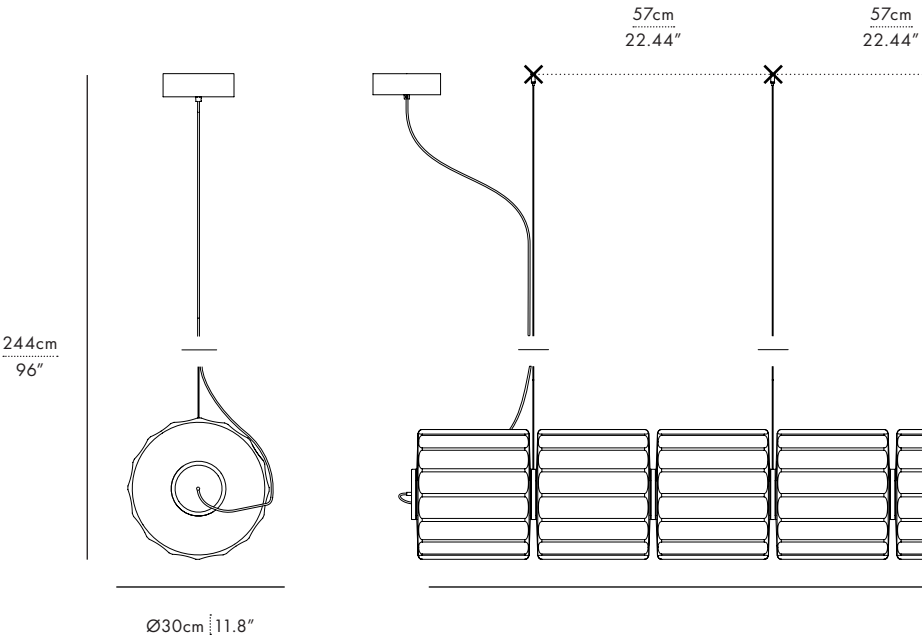
ANCHOR POINTS

COLUMN 300 CUSTOM HORIZONTAL OPTIONS

WEIGHTS / ANCHOR POINTS

CUSTOM HORIZONTAL 12

113 lbs / 51.6 kg



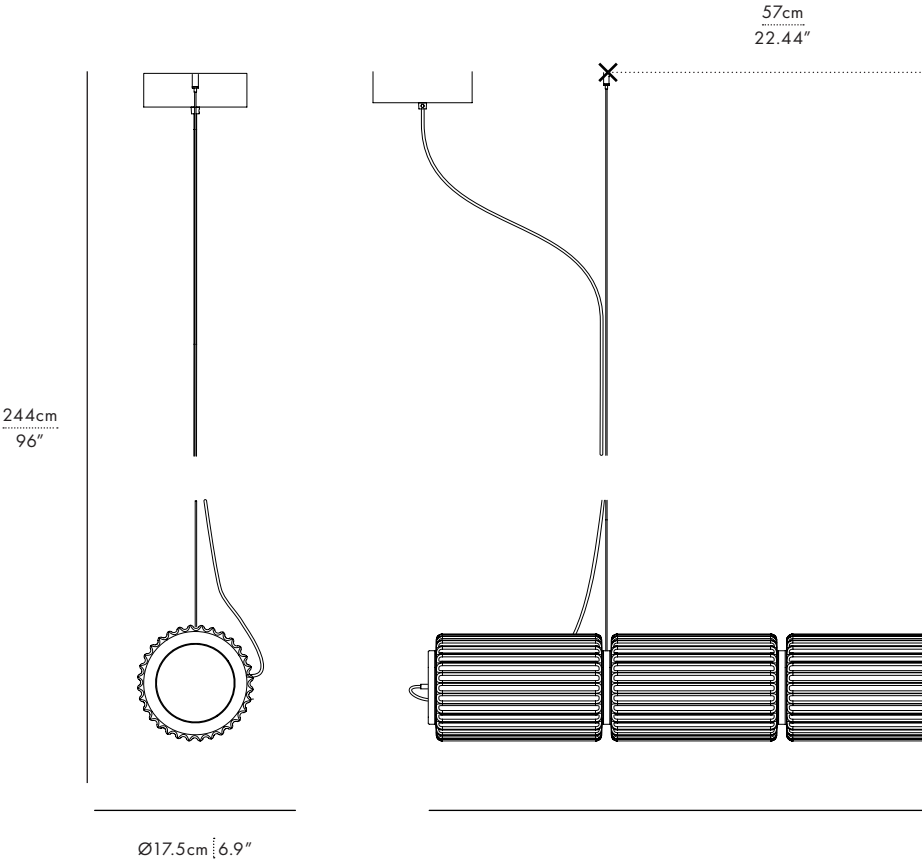


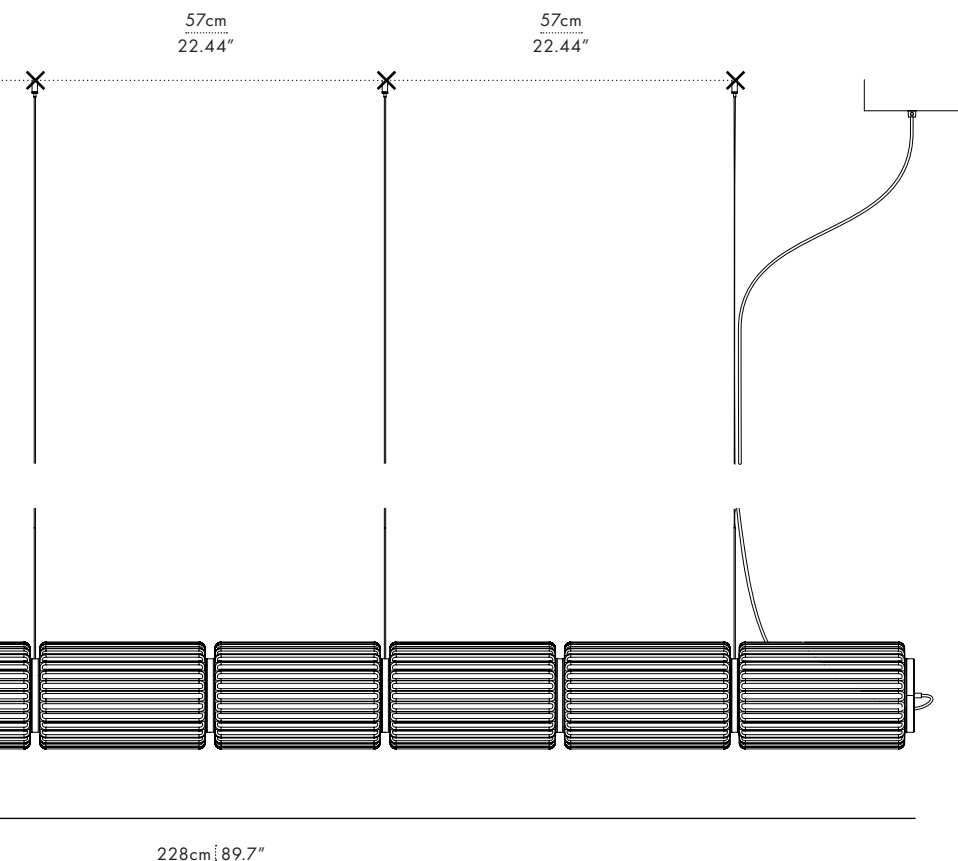
COLUMN 175 CUSTOM HORIZONTAL OPTIONS

WEIGHTS / ANCHOR POINTS

CUSTOM HORIZONTAL 8

42 lbs / 19.2 kg





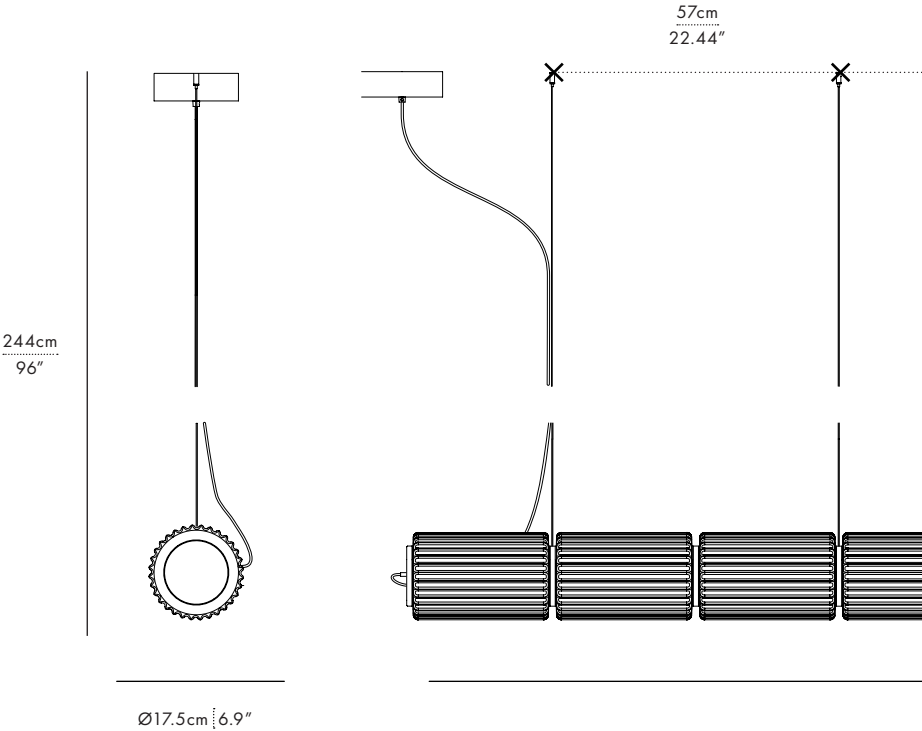
ANCHOR POINTS

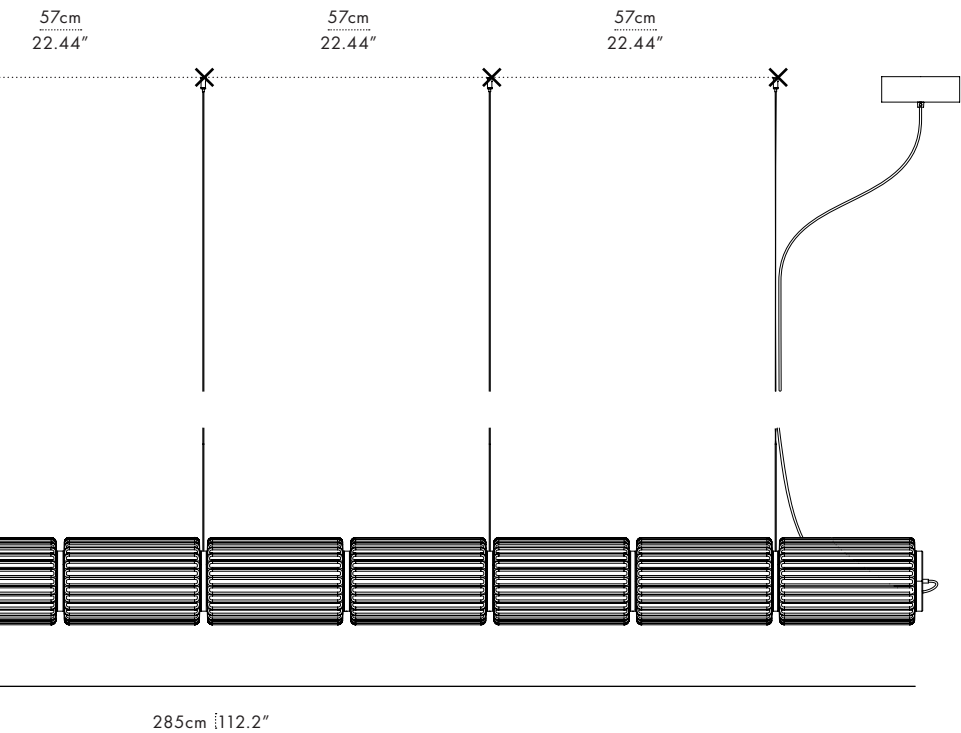
COLUMN 175 CUSTOM HORIZONTAL OPTIONS

WEIGHTS / ANCHOR POINTS

CUSTOM HORIZONTAL 10

53 lbs / 24 kg





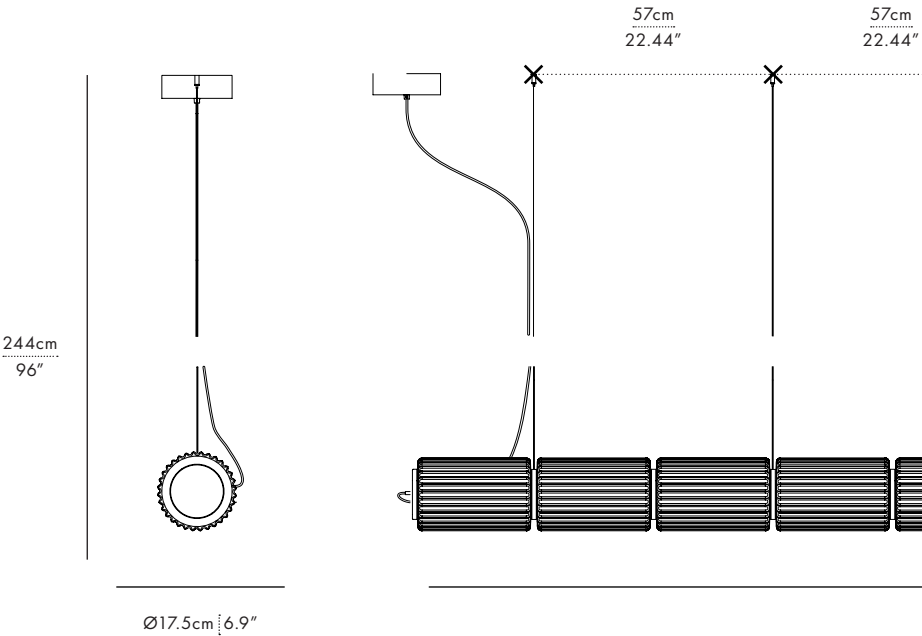
ANCHOR POINTS

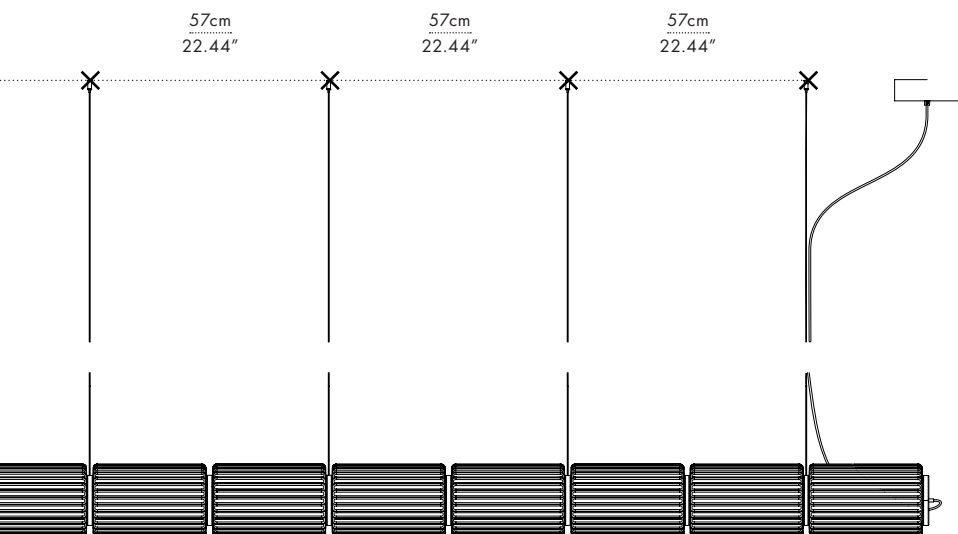
COLUMN 175 CUSTOM HORIZONTAL OPTIONS

WEIGHTS / ANCHOR POINTS

CUSTOM HORIZONTAL 12

63.5 lbs / 28.8 kg





ANCHOR POINTS

LED DRIVER OPTIONS

The Column Pendant LED driver varies depending on dimming requirements and input voltage.

Use the ordering code to determine the driver selected:

ie. COL-300-10-P-H-CBN-27-PC-120

DIMMING ----- INPUT VOLTAGE

PHASE CUT DIMMING (PC)

M-40 SERIES - ES POWER

INPUT: 120VAC

OUTPUT: 24VDC, 75W

L x W x H: 140 x 49 x 32



0-10 + PWM DIMMING (010)

PWM-60-60-24

INPUT: 110-277VAC

OUTPUT: 24VDC, 60W

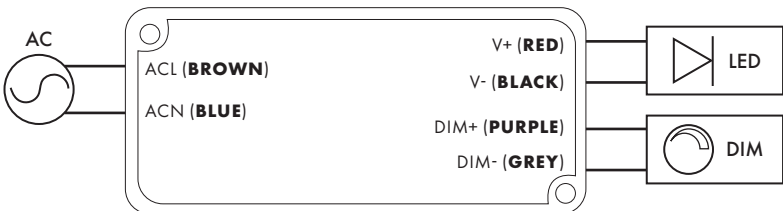
L x W x H: 150 x 52 x 37

PWM-90-60-24

INPUT: 110-277VAC

OUTPUT: 24VDC, 90W

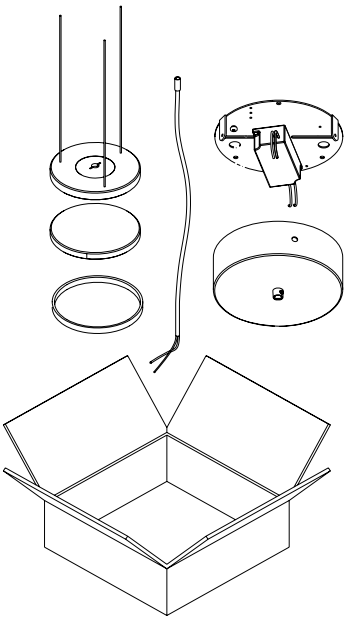
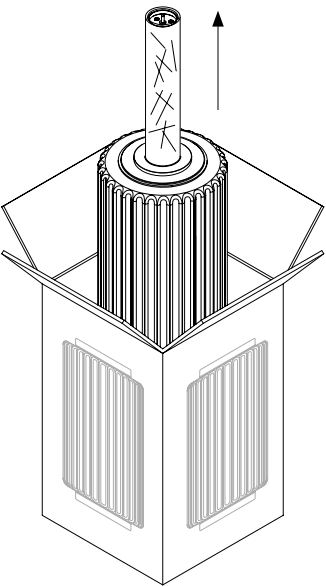
L x W x H: 174 x 62 x 37



STEP 1

Remove the wrapped LED module from each glass box and set aside.

The separate box contains all the required hardware for assembly.



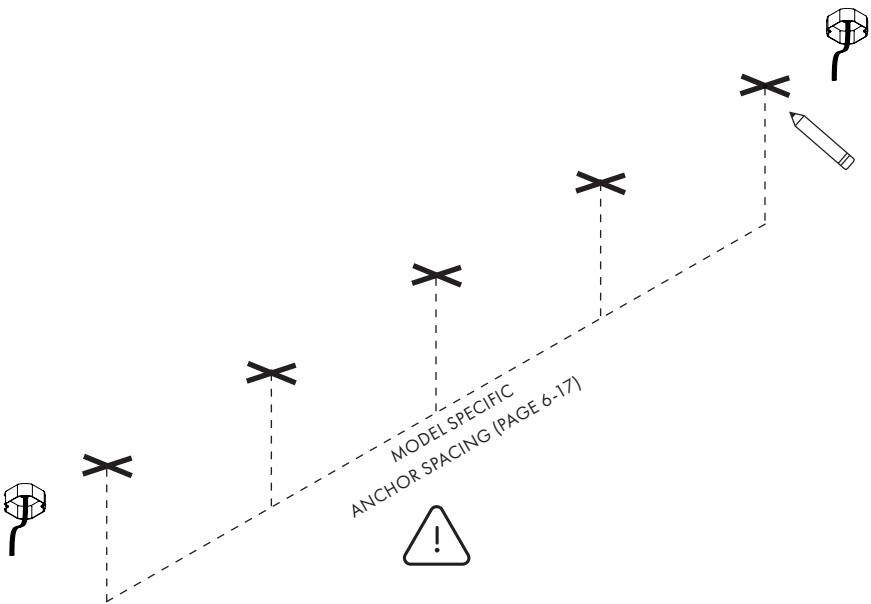
INSTALLATION

STEP 2

Mark the suspension anchor points on the ceiling.

⚠ Attention!

Refer to **PAGE 6 TO 17** to determine the anchor spacing.



STEP 3

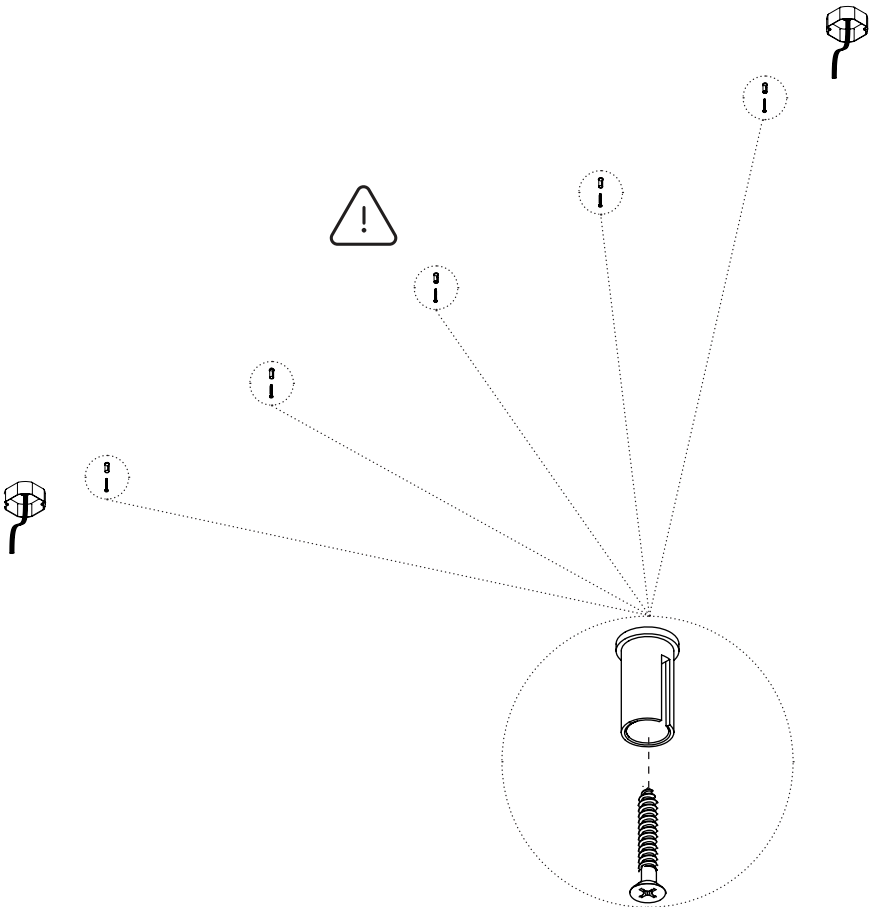
Attach the suspension cable anchors to the ceiling.

Use the provided #8 screws.

If required, a substrate specific anchor is to be provided by installer. i.e. drywall anchors.

Attention!

Refer to **PAGE 6 TO 17** for weight details.



INSTALLATION

STEP 4

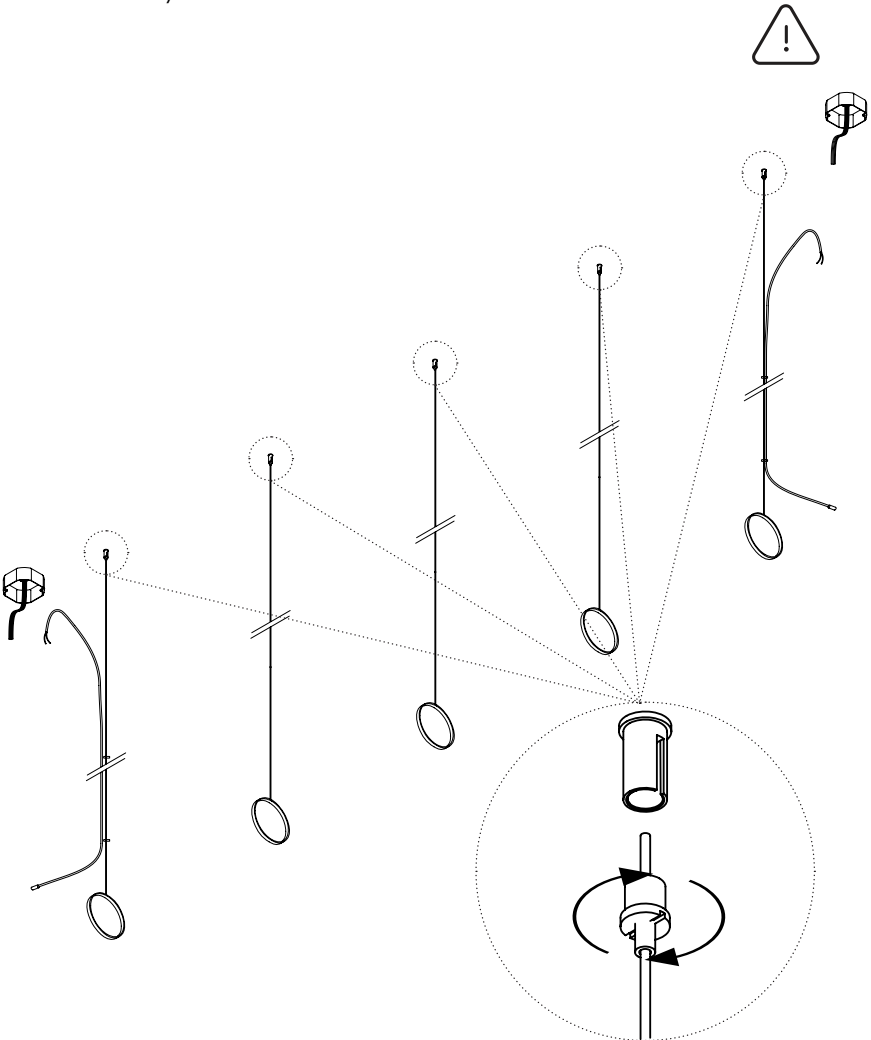
Thread each aircraft cable assembled on the collar rings to the anchors.

⚠ Attention!

The collar ring with powercord must be threaded to the anchor closest to the junction box.

⚠ Caution!

DO NOT make any electrical connection.



STEP 5A

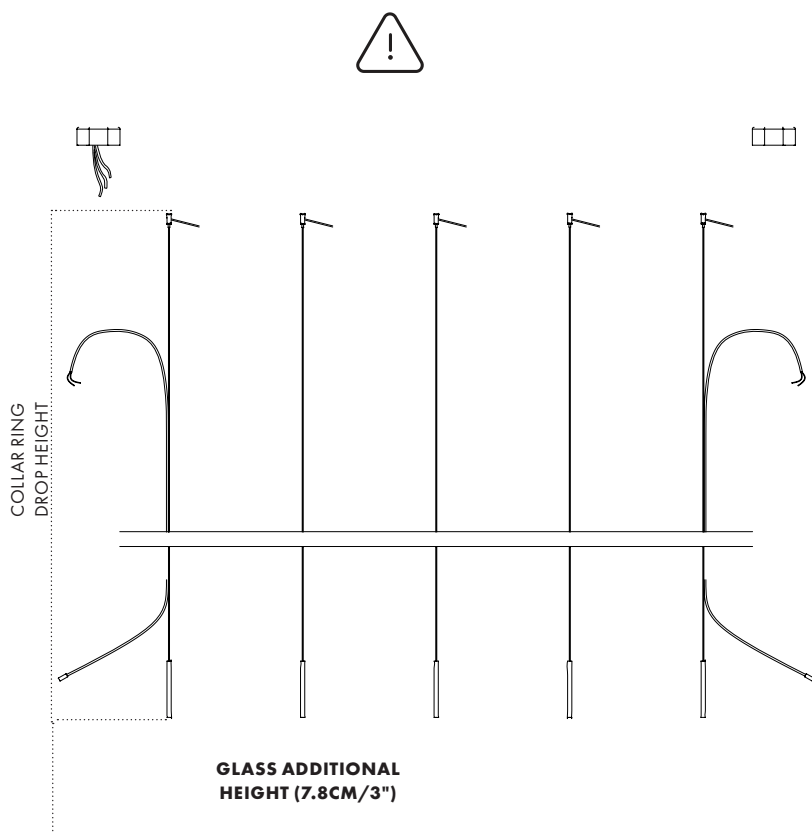
Determine the drop height of the fixture from the ceiling to the top of the collar rings. Do not cut the excess aircraft cable yet.

FOR COLUMN 300 HORIZONTAL ONLY

GLASS WILL HANG 7.8CM / 3" FROM THE BOTTOM OF THE COLLAR RING

⚠ Attention!

Ensure all the collar rings are at the same height.



INSTALLATION - COLUMN 175

STEP 5B

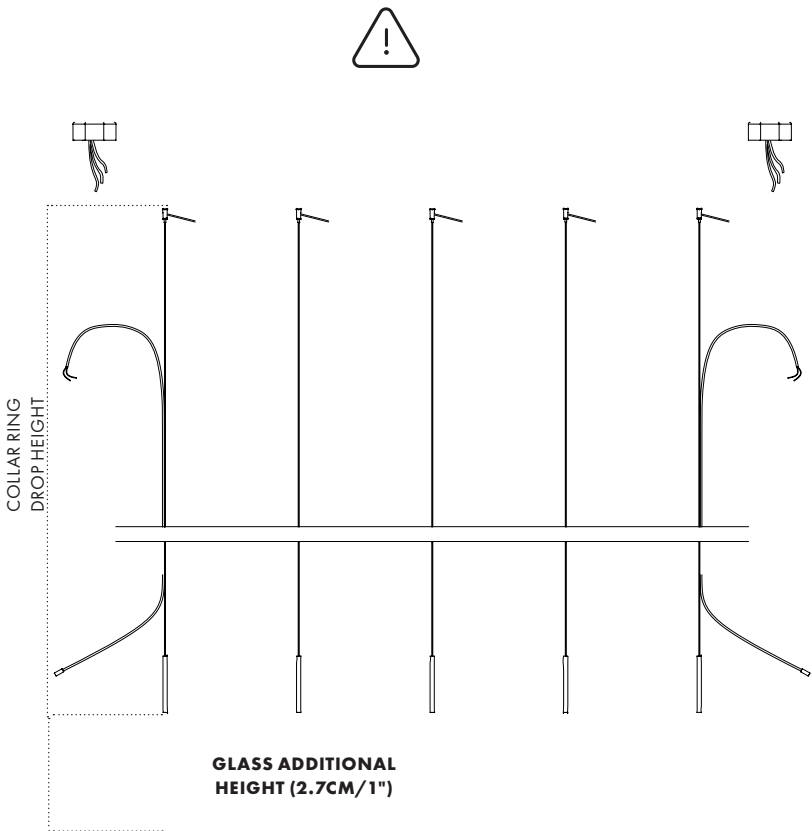
Determine the drop height of the fixture from the ceiling to the top of the collar rings. Do not cut the excess aircraft cable yet.

FOR COLUMN 175 HORIZONTAL ONLY

GLASS WILL HANG 2.7CM / 1" FROM THE BOTTOM OF THE COLLAR RING

⚠ Attention!

Ensure all the collar rings are at the same height.

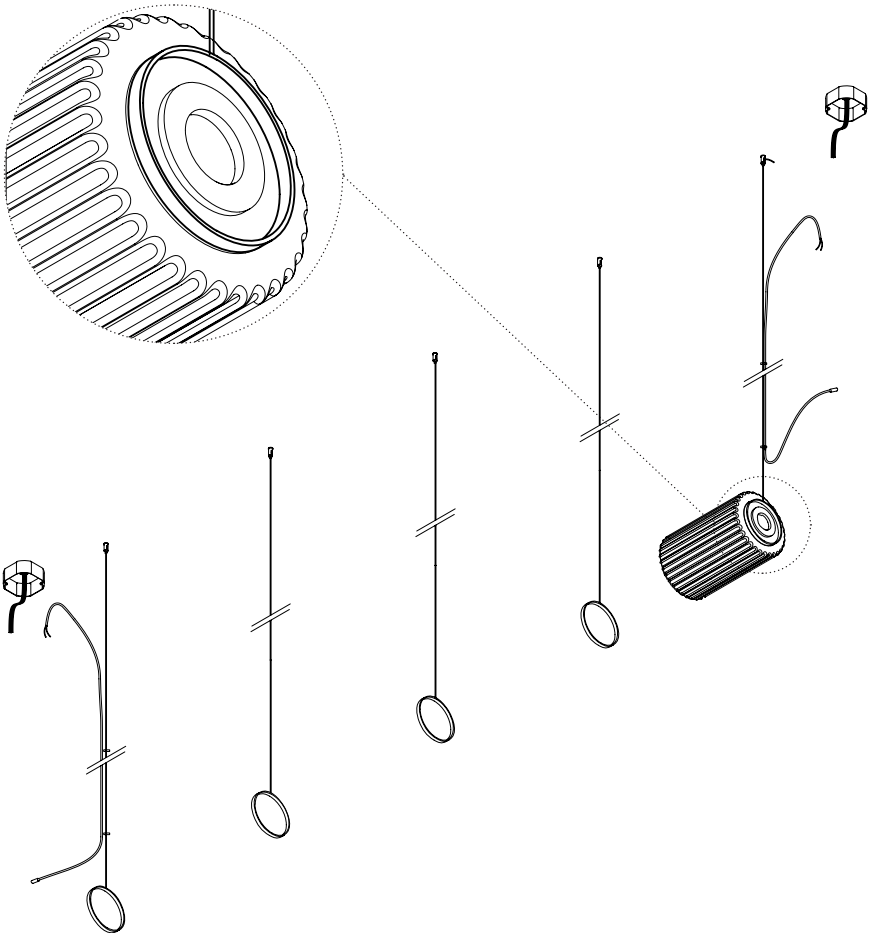


STEP 6

Choose one side and lift the first glass. Keep the glass centered to the collar ring with electrical cord.

Attention!

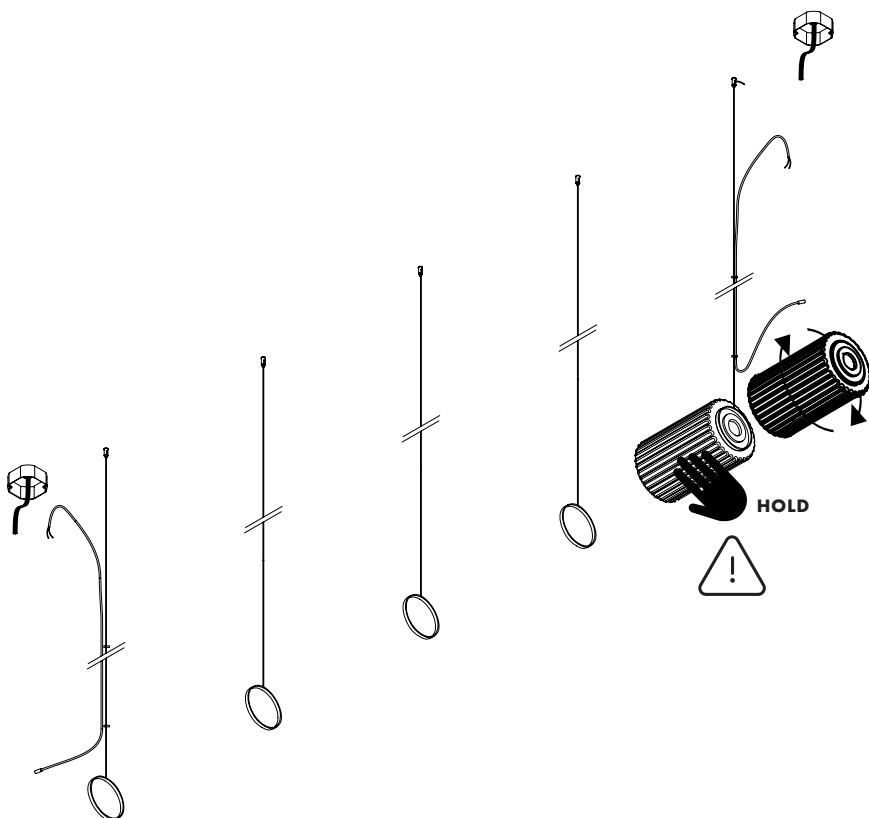
Remove any jewelry to prevent glass breakage.



INSTALLATION

STEP 7

With help, while keeping the collar ring centered to the first glass, thread the second glass on it.

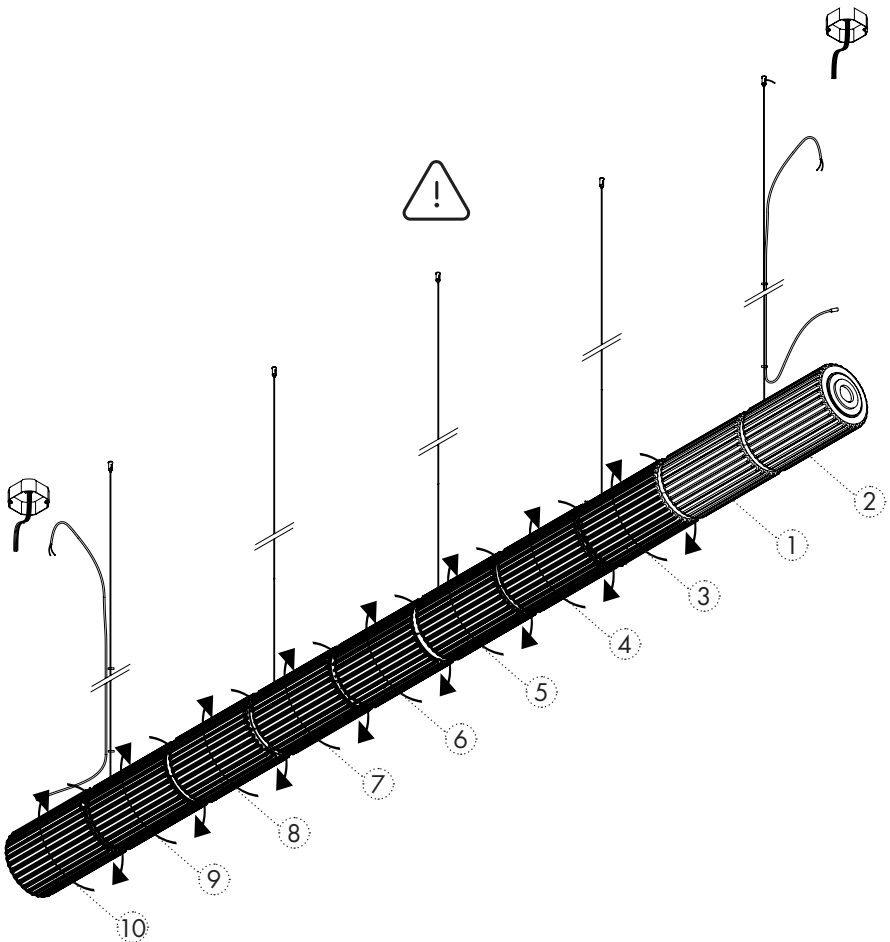


STEP 8

Repeat the step 6 and 7 for all the glass required.

⚠ Attention!

Ensure all the aircraft cable are equally tensioned. If necessary, make the necessary adjustments while installing each glass.



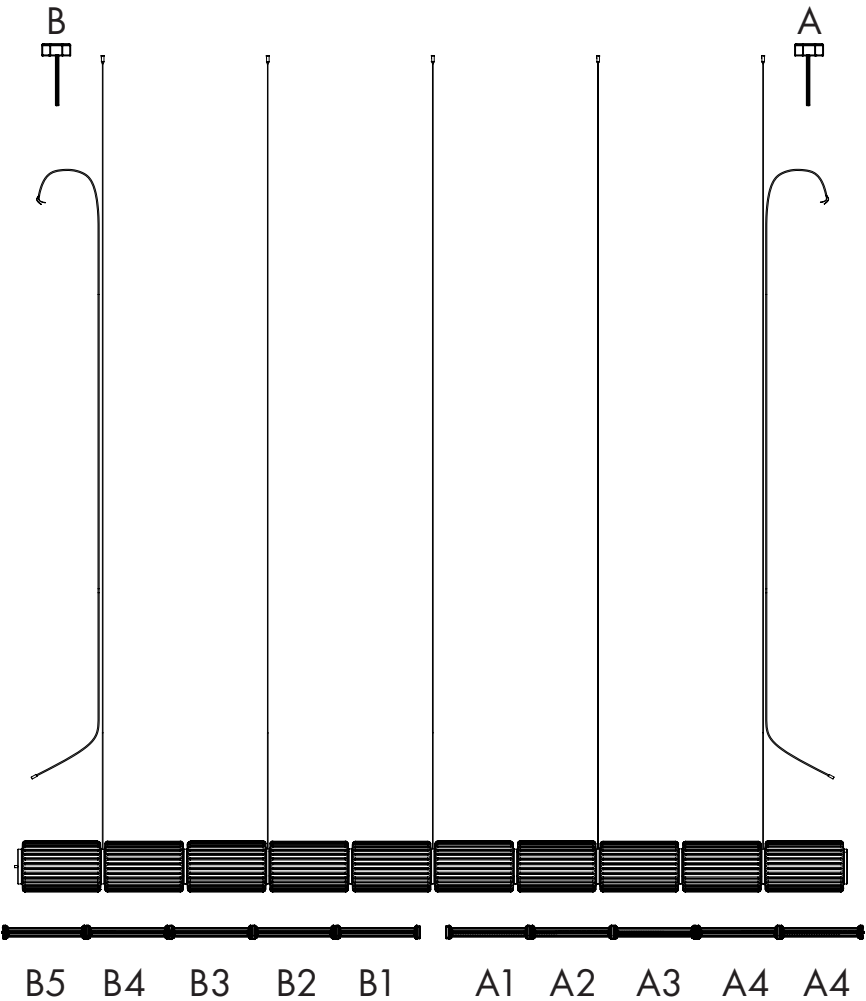
INSTALLATION

STEP 9

Before installing the LED modules, identify the two junction boxes that will be used to power the light fixture.

⚠ Attention!

The LED modules are labelled based on the two canopies that will be installed.

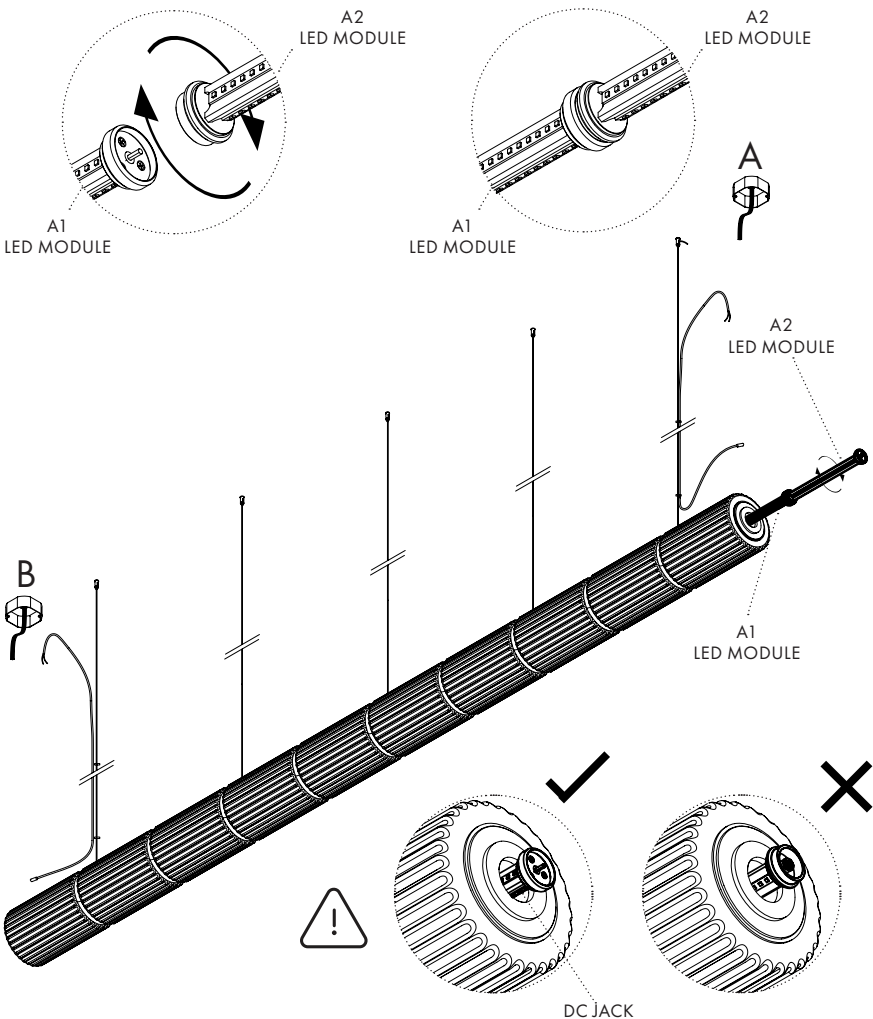


STEP 10

Slide the first LED module into the first glass and thread the second LED module together.

⚠ Attention!

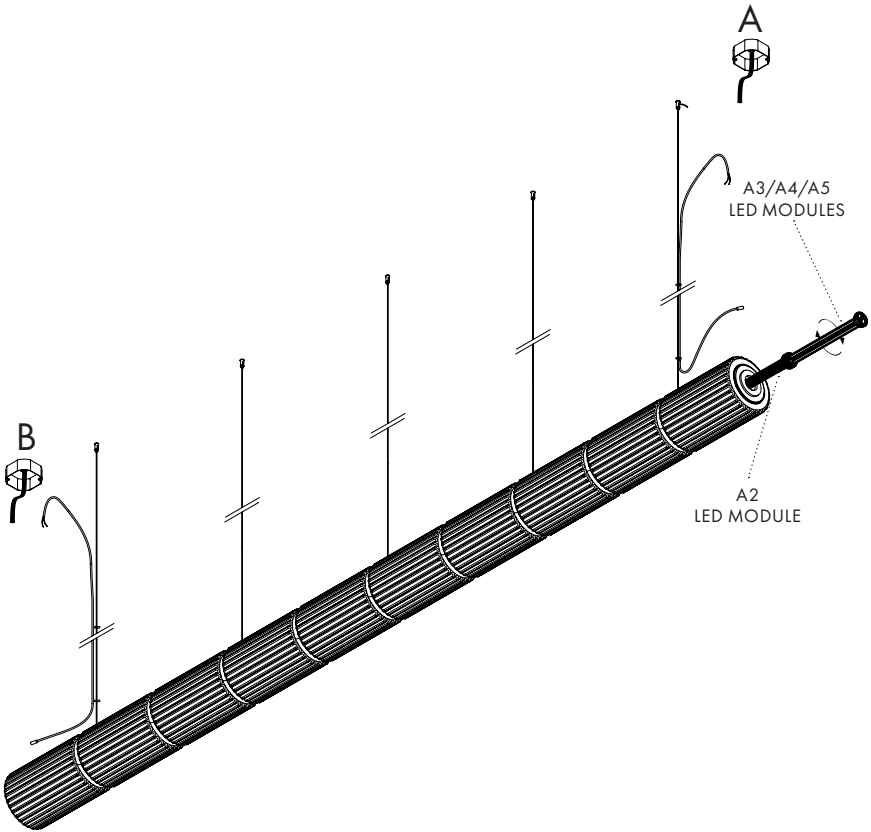
Ensure the side with the DC JACK is oriented as shown.



INSTALLATION

STEP 11

Repeat Step 10 for the other three LED modules.

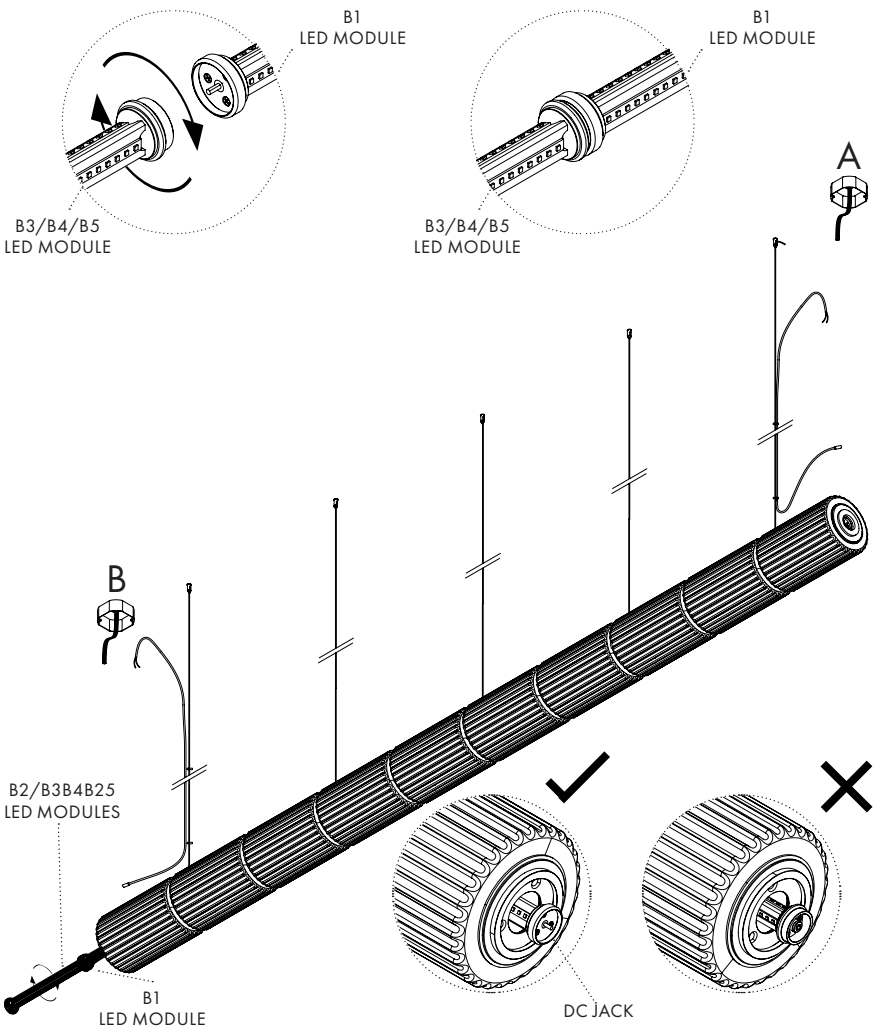


STEP 12

Repeat the step 10 and 11 on the other side of the luminaire.

⚠ Attention!

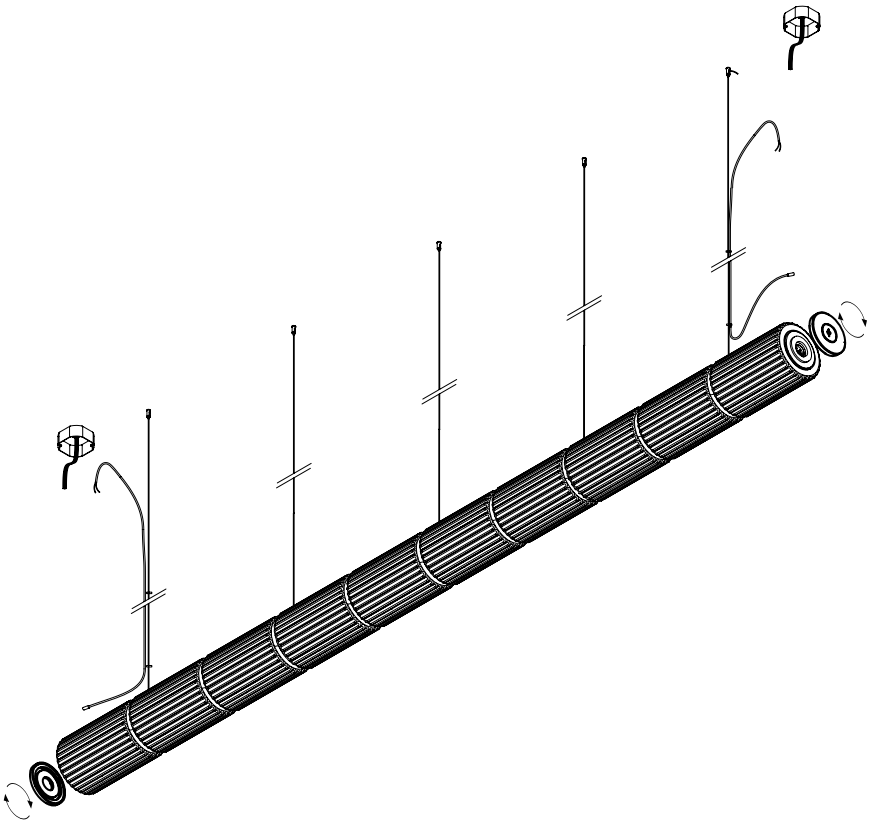
Ensure the side with the DC JACK is oriented as shown.



INSTALLATION

STEP 13

Close both ends of the fixture with the endcap and suspension cap.



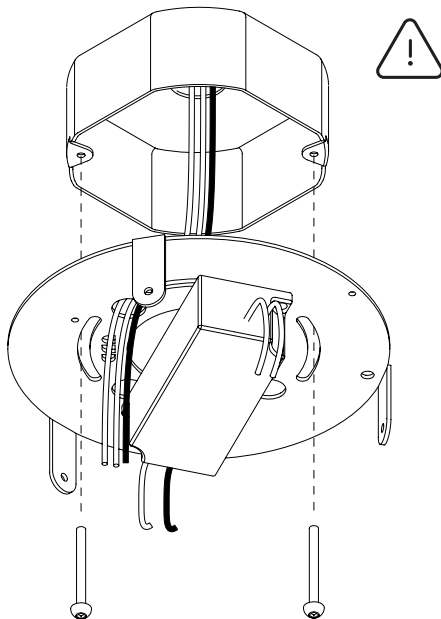
STEP 14

Mount the backplate to the ceiling.

Use the provided #8-32 screws. Anchors are provided by installer.

Caution!

Ensure that the power is disconnected at the breaker.



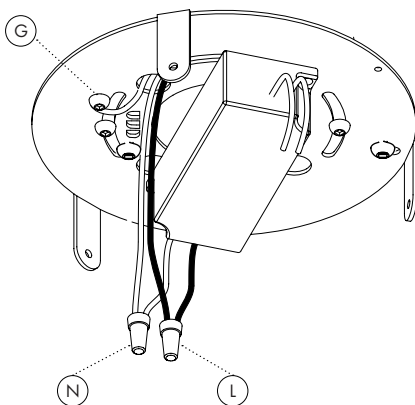
STEP 15

Connect the primary circuit on the LED driver to input power. Connect ground.

Black/brown wire = **Line** (L)

White/blue wire = **Neutral** (N)

Green screw = **Ground** (G)



REFER TO PAGE 6: DRIVER OPTIONS FOR MORE DETAILS

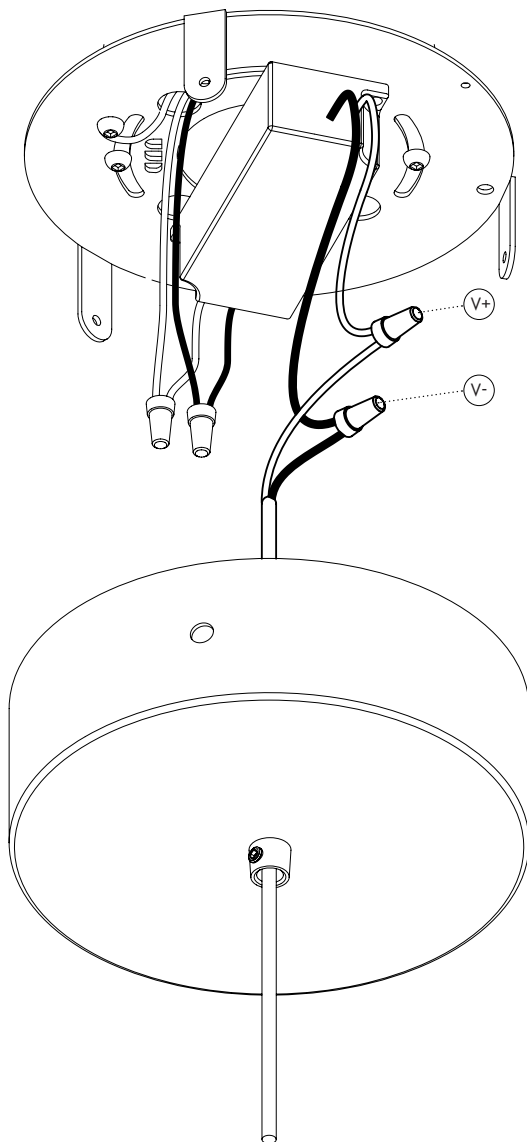
INSTALLATION

STEP 16

Connect the luminaire to secondary circuit on LED driver.

Dashed line = **Positive** (V+)

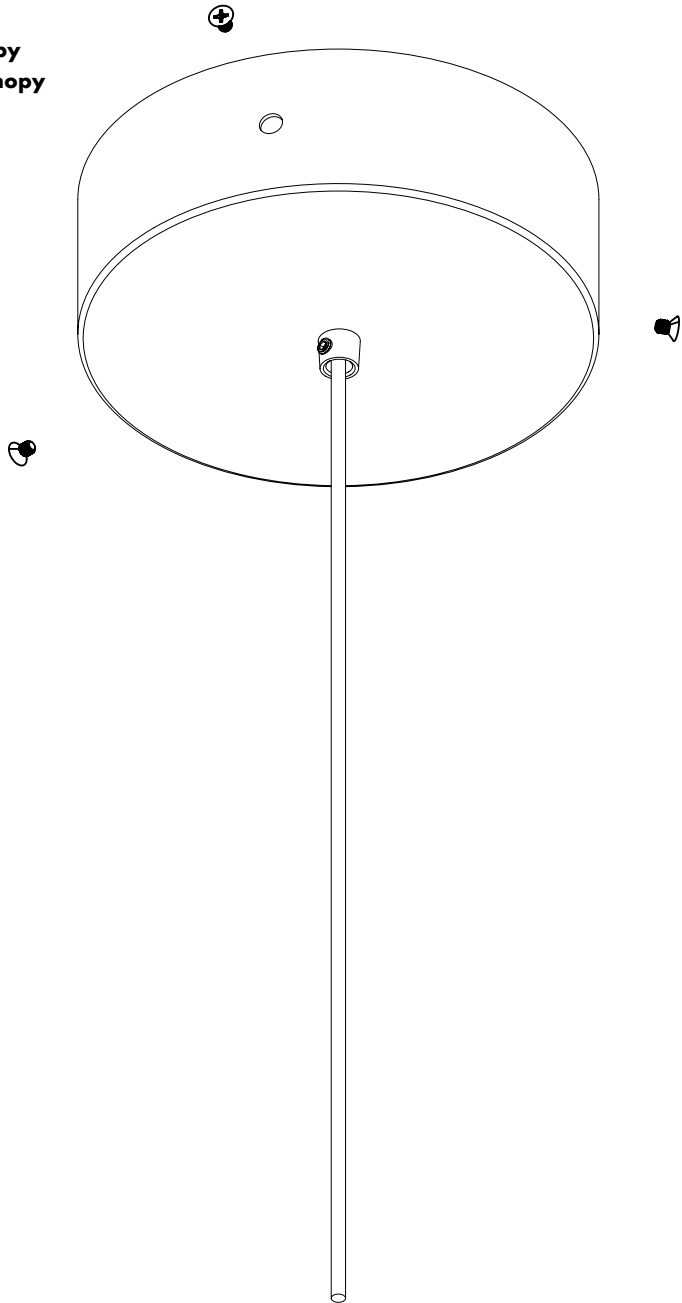
Black = **Negative** (V-)



REFER TO PAGE 6: DRIVER OPTIONS FOR MORE DETAILS

STEP 17

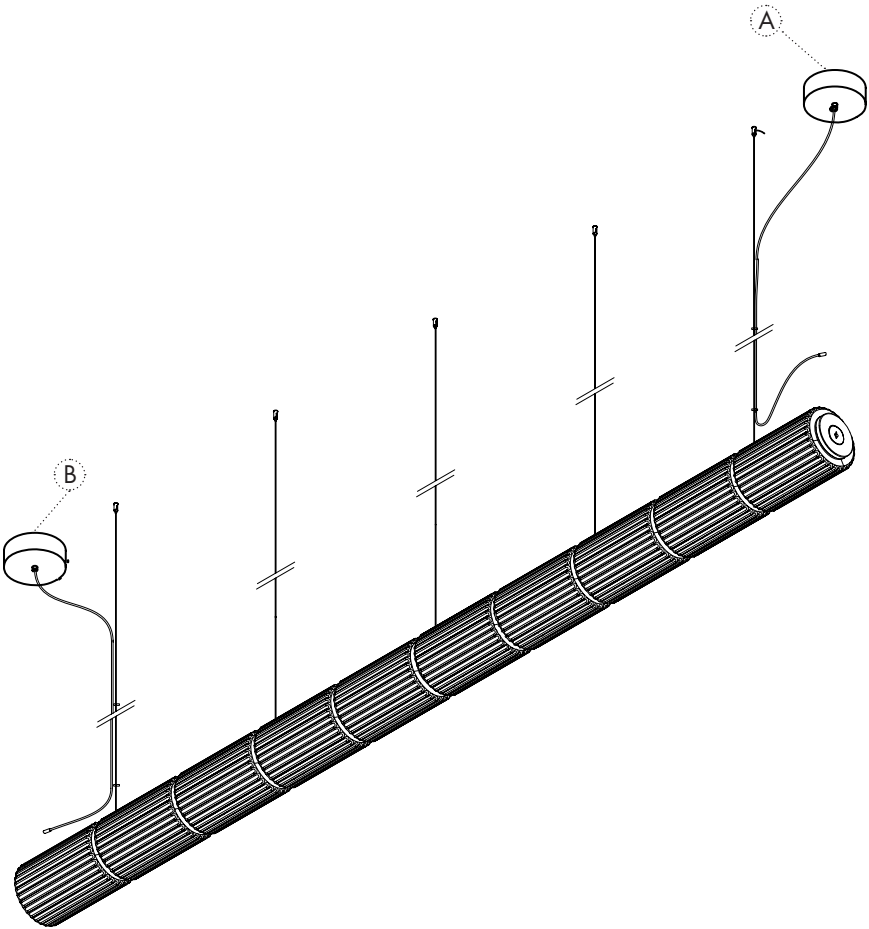
Using the provided canopy screws (3), attach the canopy to the backplate.



INSTALLATION

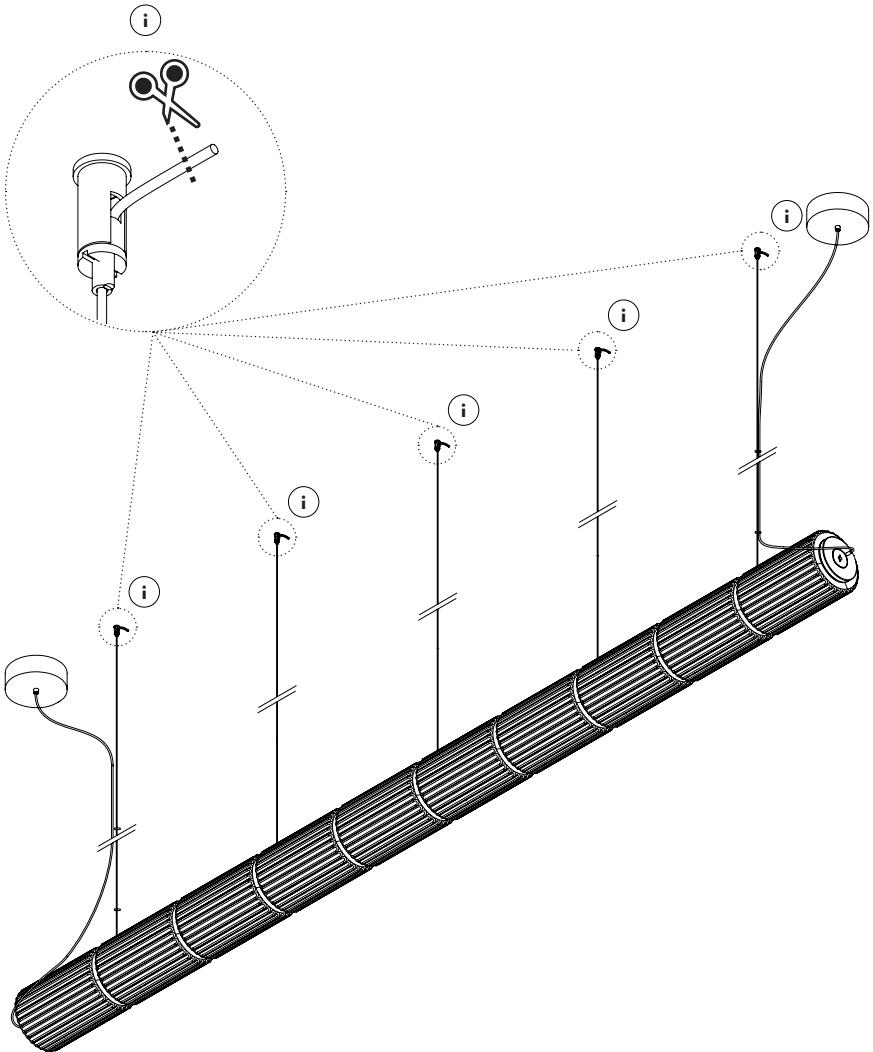
STEP 18

Repeat from Step 14 for the second canopy.



STEP 19

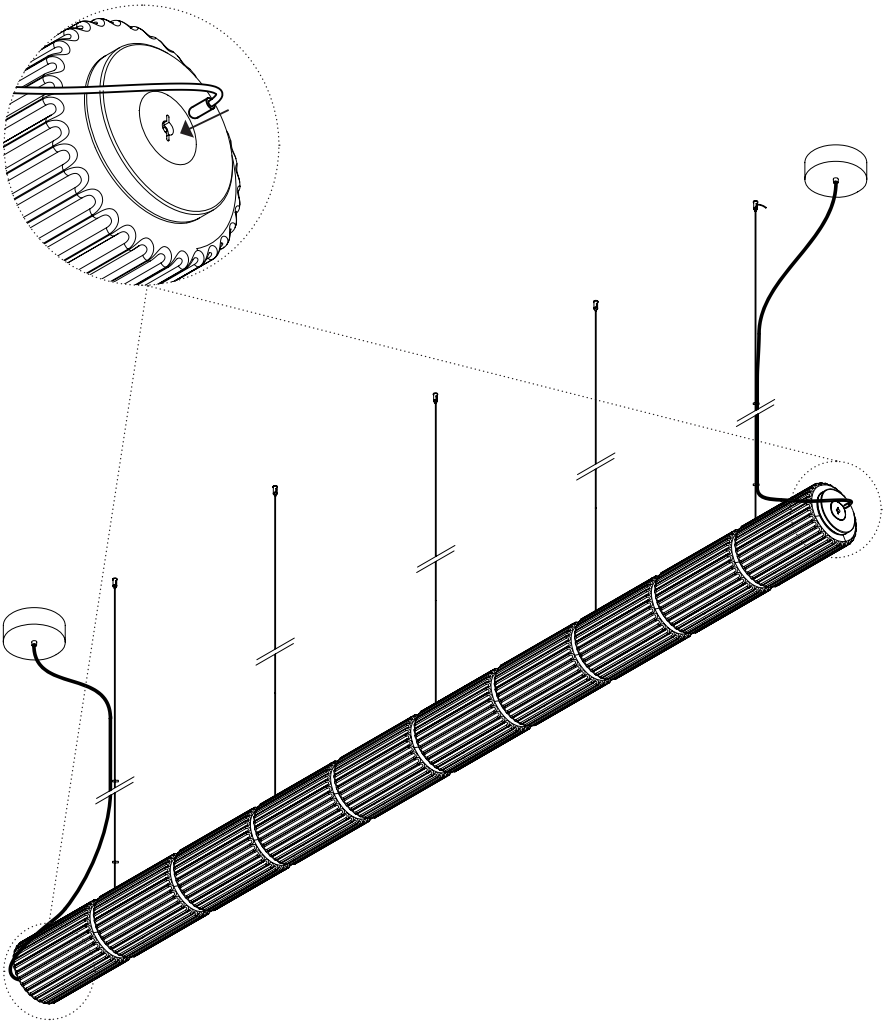
If necessary, micro-adjust to level the fixture. Cut excess cables.



INSTALLATION

STEP 20

Connect the luminaire on both ends.

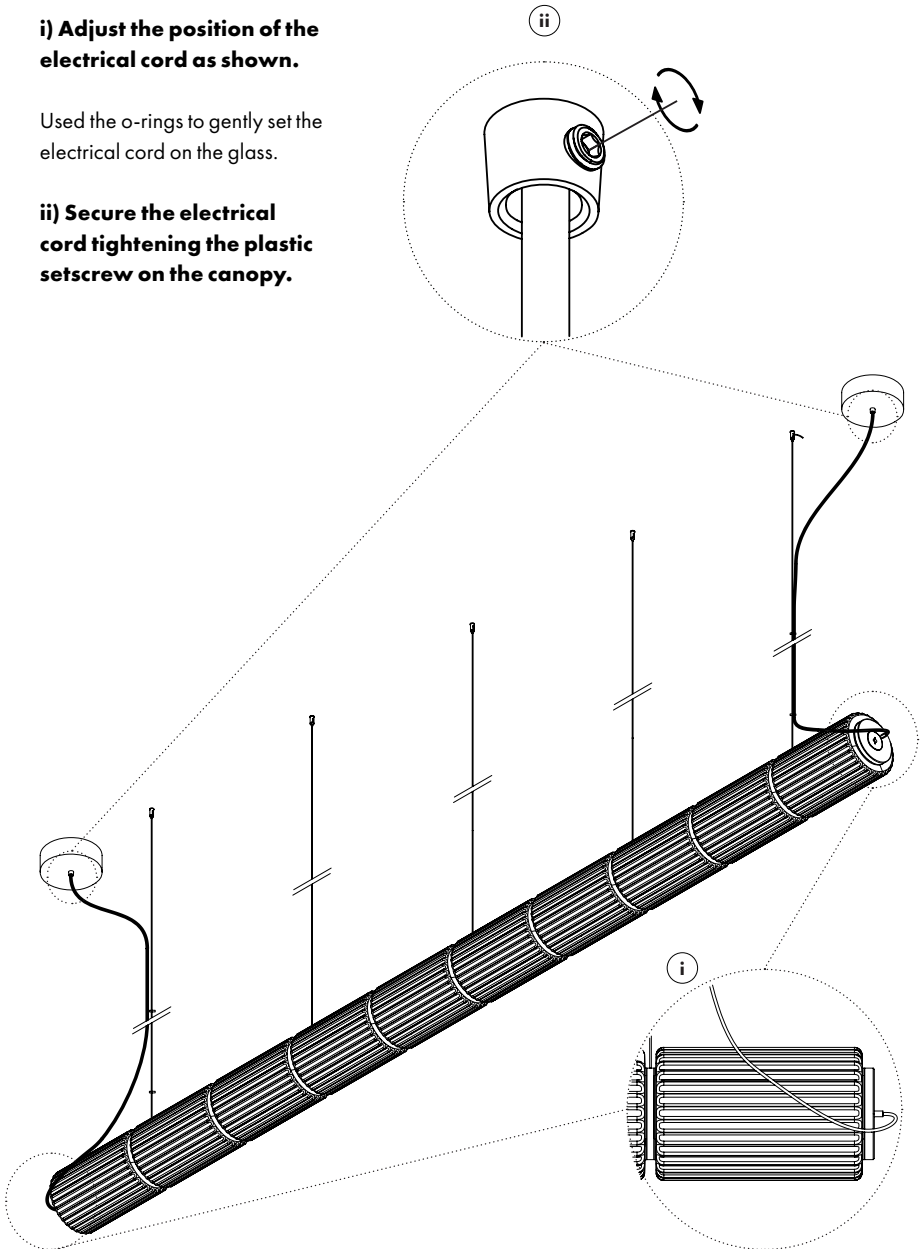


STEP 21

i) Adjust the position of the electrical cord as shown.

Used the o-rings to gently set the electrical cord on the glass.

ii) Secure the electrical cord tightening the plastic setscrew on the canopy.





For support, please contact:

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