



# COLUMN SERIES

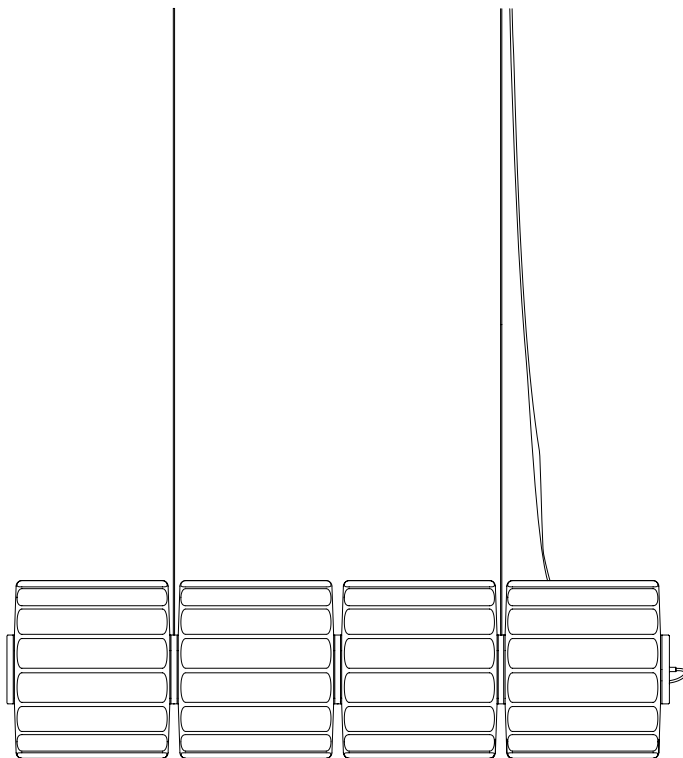
## PENDANT – HORIZONTAL

DESIGNER  
**LUKAS PEET**

INSTRUCTIONS



SCAN HERE



**NORTH AMERICA**



**a-n-d.com**

# INSTALLATION NOTES

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The luminaire is powered by 24V DC. A constant voltage LED driver is 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@[n-d.com](mailto:info@n-d.com)**



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## 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.



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## WARNING

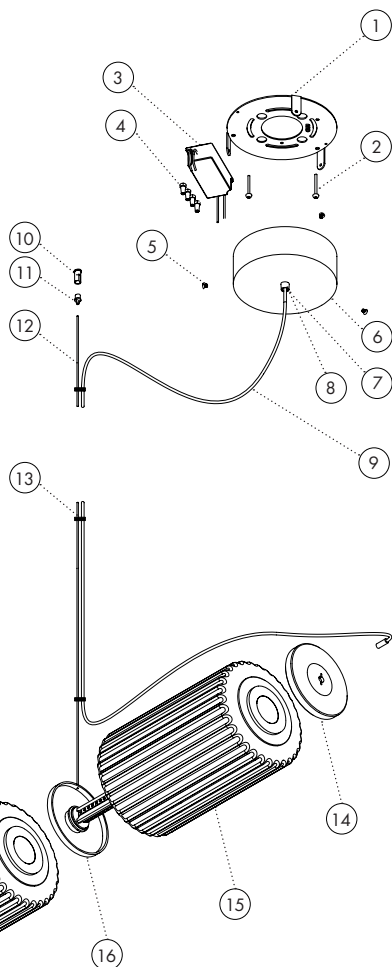
The luminaire must be installed by a qualified electrician in a dry indoor location.

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



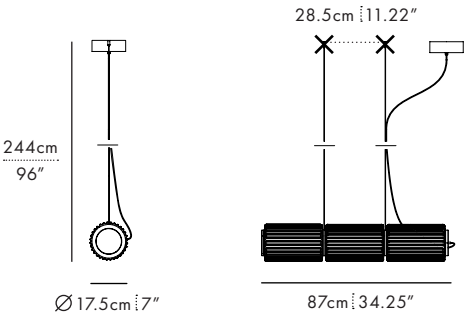
\* COLUMN 175 HORIZONTAL 3  
MODEL SHOWN

# COLUMN 175 HORIZONTAL OPTIONS

WEIGHTS / ANCHOR POINTS

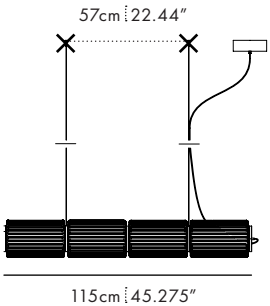
## HORIZONTAL 3

17.1 lbs / 7.8 kg



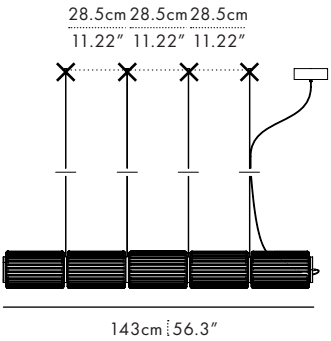
## HORIZONTAL 4

21.7 lbs / 9.9 kg



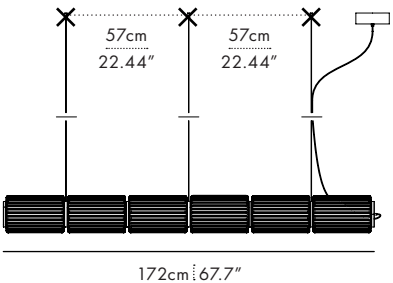
## HORIZONTAL 5

26.3 lbs / 12 kg



## HORIZONTAL 6

30.9 lbs / 14.1 kg



ANCHOR POINTS

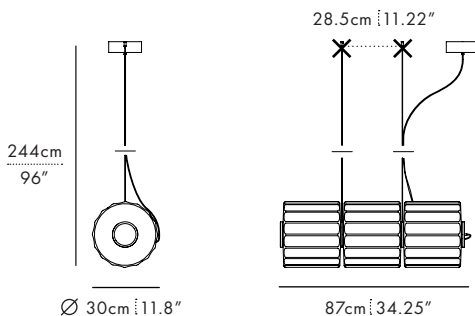
# COLUMN 300 HORIZONTAL OPTIONS



## WEIGHTS / ANCHOR POINTS

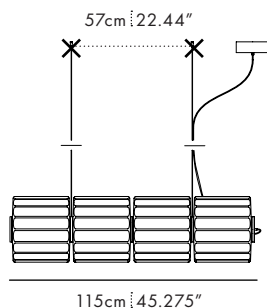
### HORIZONTAL 3

29.7 lbs / 13.5 kg



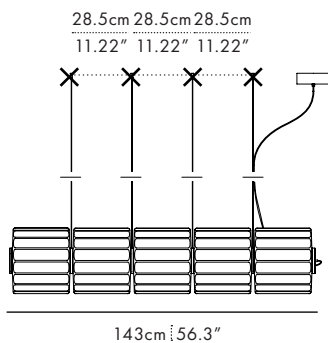
### HORIZONTAL 4

38.8 lbs / 17.6 kg



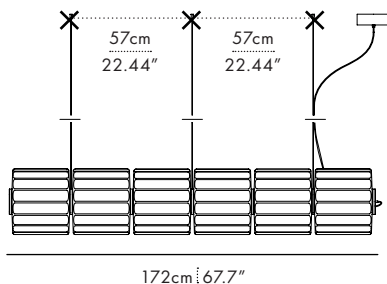
### HORIZONTAL 5

47.9 lbs / 21.7 kg



### HORIZONTAL 6

57 lbs / 25.8 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-175-3-P-H-CBN-27-010-277

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)

Q22-P SERIES - ES POWER

**INPUT:** 110-277VAC

**OUTPUT:** 24VDC, 60W

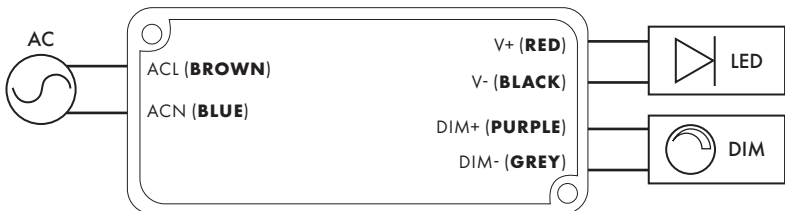
**L x W x H:** 111 x 44 x 32

Q22-P SERIES - ES POWER

**INPUT:** 110-277VAC

**OUTPUT:** 24VDC, 90W

**L x W x H:** 111 x 44 x 32



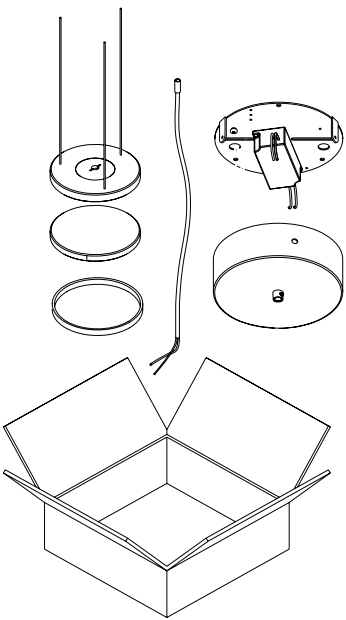
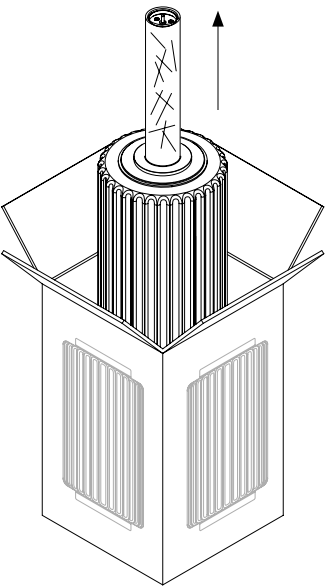
# PREPARATION



## STEP 1

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

The separate box contains all the required hardware for assembly.



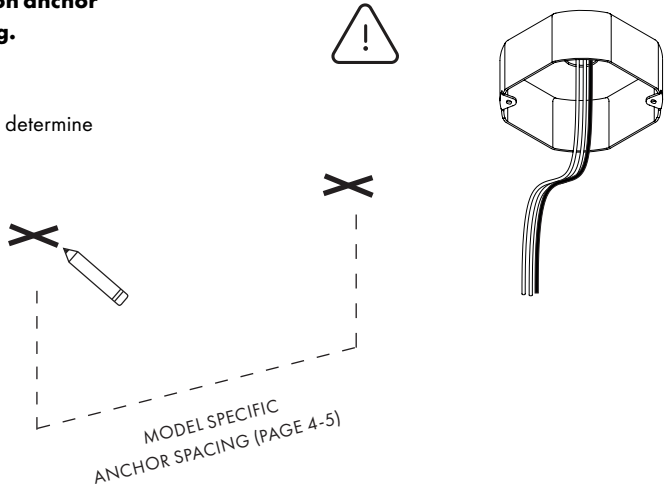
# INSTALLATION

## STEP 2

**Mark the suspension anchor points on the ceiling.**

**⚠ Attention!**

Refer to **PAGE 4 & 5** to determine the anchor spacing.



## STEP 3

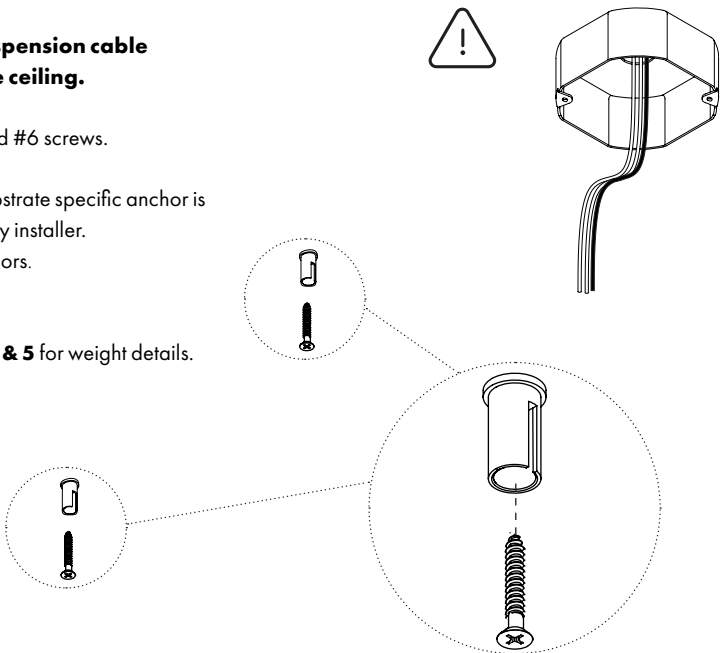
**Attach the suspension cable anchors to the ceiling.**

Use the provided #6 screws.

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

**⚠ Attention!**

Refer to **PAGE 4 & 5** for weight details.





## STEP 4

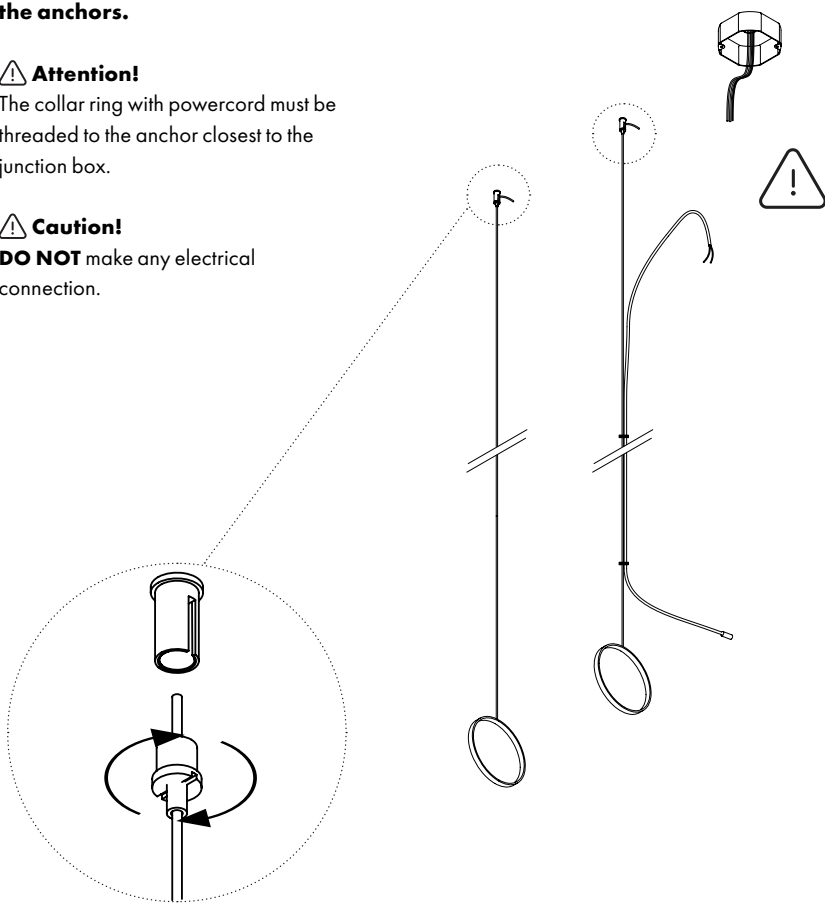
**Thread each aircraft cable assembled on the collar rings to the anchors.**

### **Attention!**

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

### **Caution!**

**DO NOT** make any electrical connection.



**\* COLUMN 175 HORIZONTAL 3  
MODEL SHOWN**

# INSTALLATION – COLUMN 175

## STEP 5A

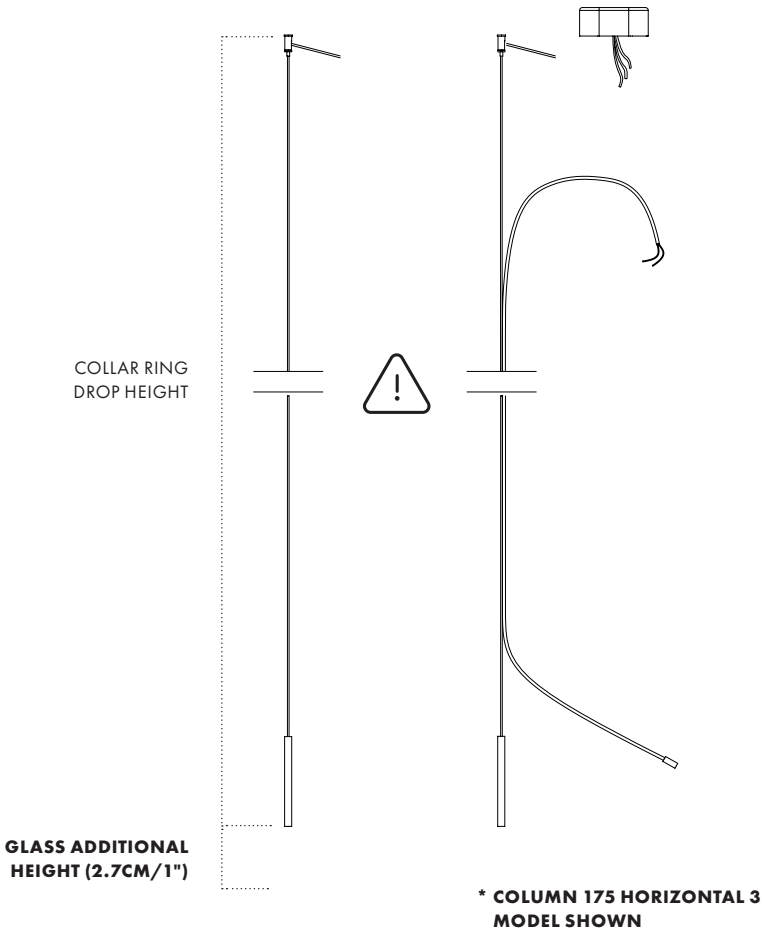
Determine the drop height of the fixture from the ceiling to the top of the collar rings. Do not cut the excess aircraft cable yet.

### FOR COLUMN 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 5B

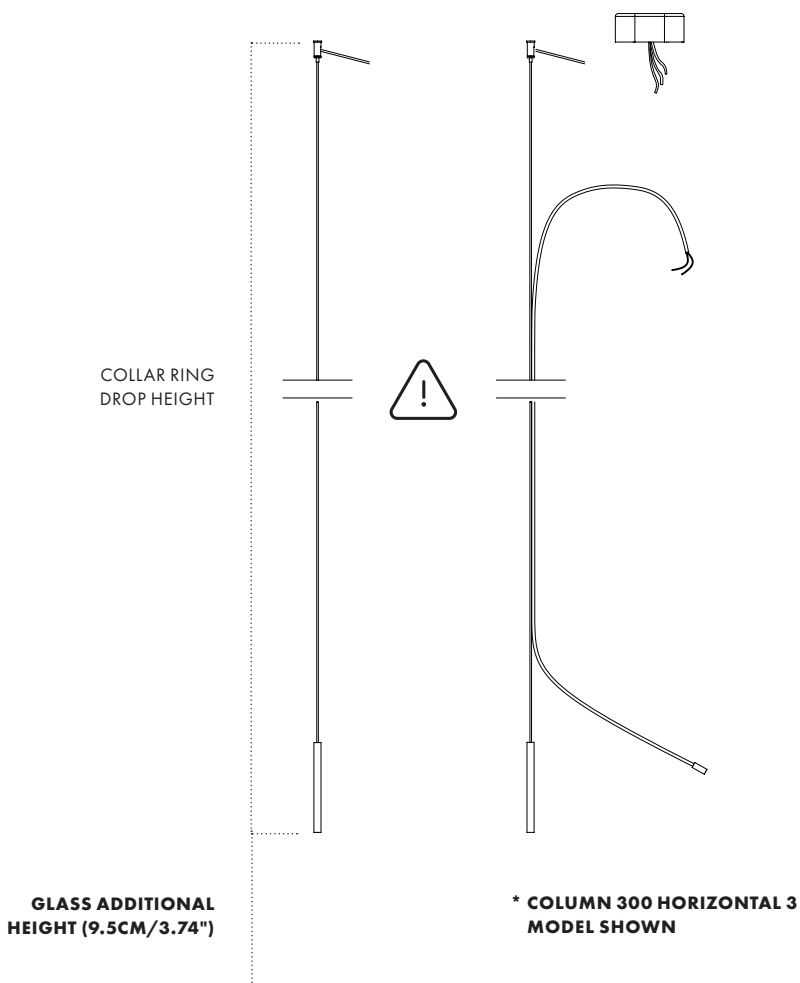
Determine the drop height of the fixture from the ceiling to the top of the collar rings. Do not cut the excess aircraft cable yet.

### FOR COLUMN 300 HORIZONTAL ONLY

GLASSES WILL HANG 9.5CM / 3.74" FROM THE BOTTOM OF THE COLLAR RING.

#### ⚠ Attention!

Ensure all the collar rings are at the same height.

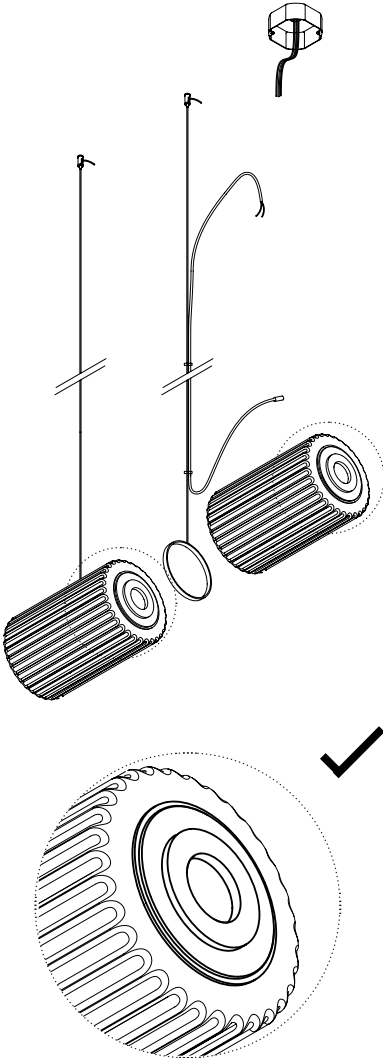


# INSTALLATION

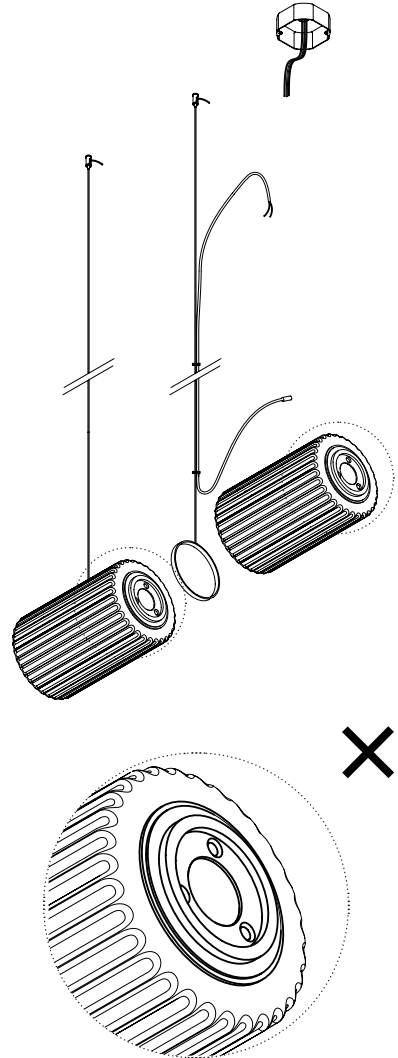
## STEP 6

**Before installing any glass,** remember to orient as shown. Use the aircraft cable with powercord as reference to orient them correctly.

### CORRECT GLASS ORIENTATION



### INCORRECT GLASS ORIENTATION



\* COLUMN 175 HORIZONTAL 3  
MODEL SHOWN

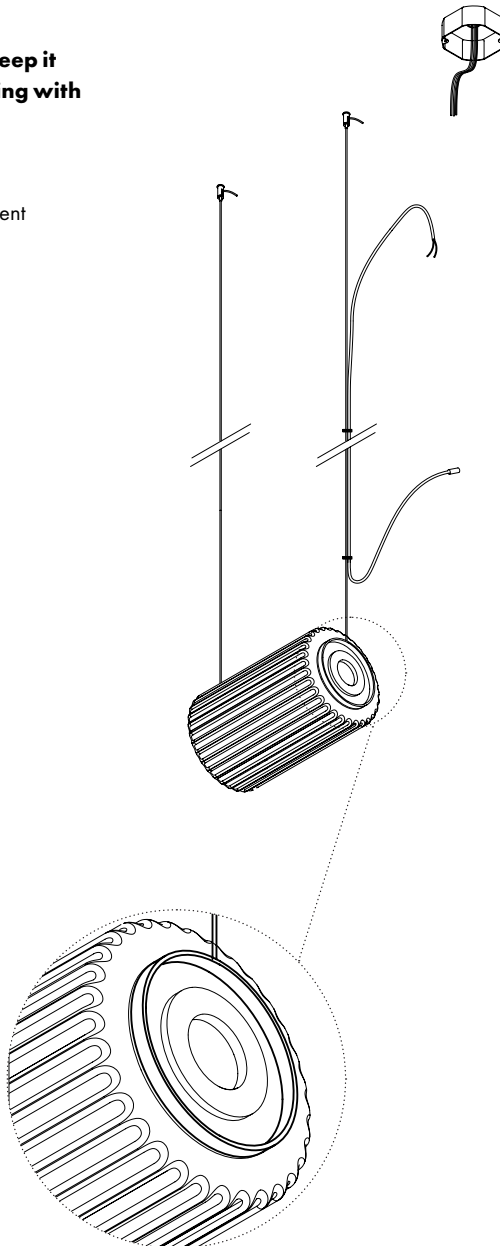
MODIFIED: 08/17/23

## STEP 7

**Lift the first glass and keep it centered to the collar ring with electrical cord.**

### **Attention!**

Remove any jewelry to prevent glass breakage.



\* COLUMN 175 HORIZONTAL 3  
MODEL SHOWN

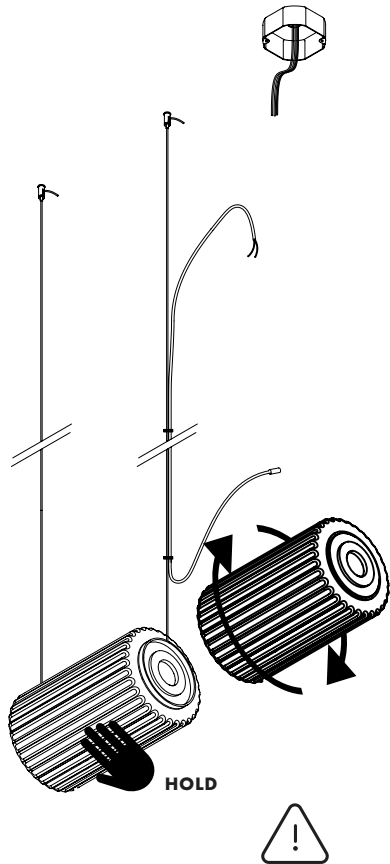
# INSTALLATION

## STEP 8

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

**⚠ Attention!**

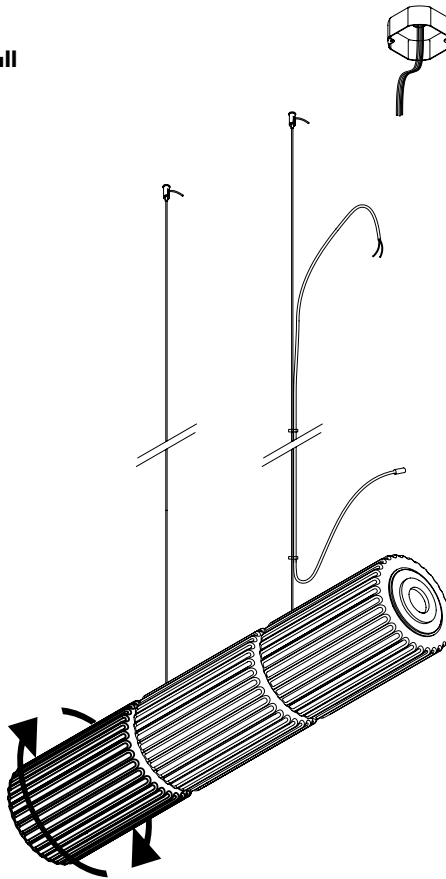
Remember to check correct glass orientation as shown at **STEP 6**.



**\* COLUMN 175 HORIZONTAL 3  
MODEL SHOWN**

## STEP 9

Repeat the step 7 and 8 for all the glass required.



\* COLUMN 175 HORIZONTAL 3  
MODEL SHOWN

# INSTALLATION

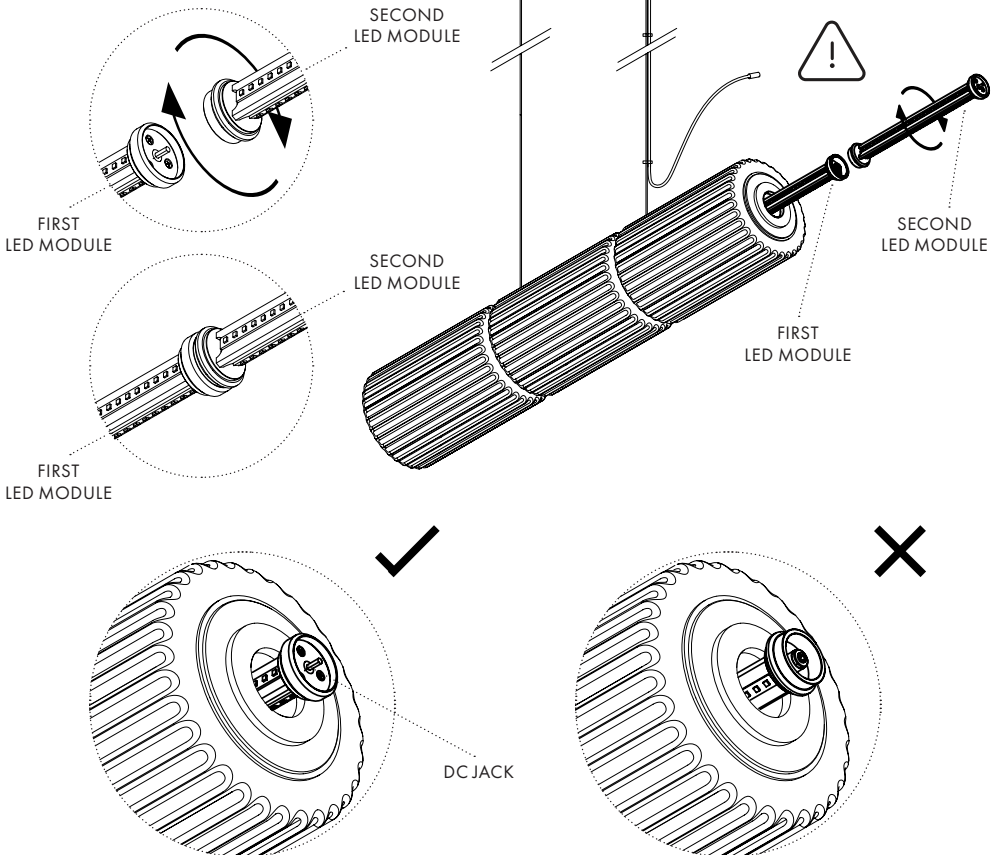
## STEP 10

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

You can insert the LED module from either side of the fixture.

### ⚠ Attention!

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

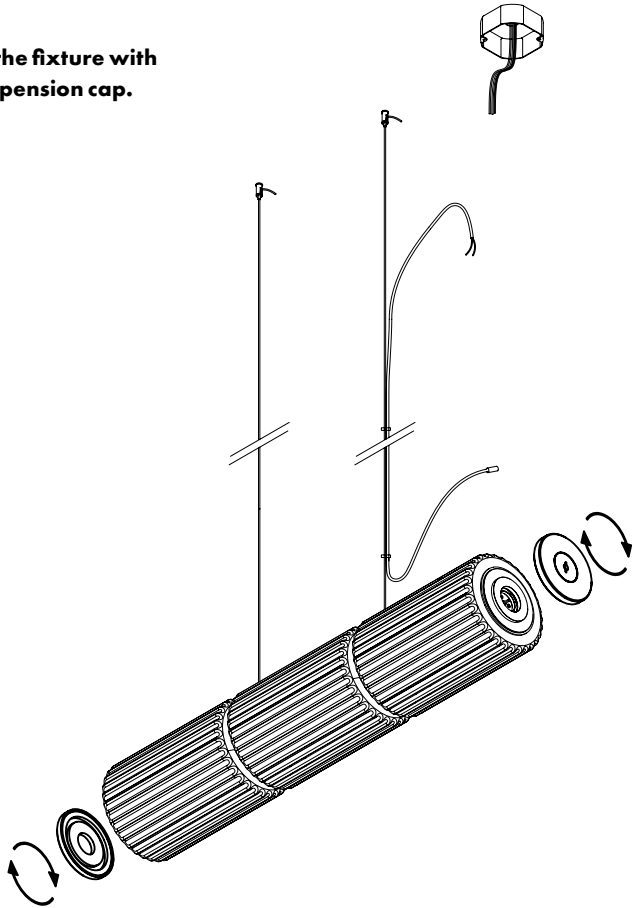


\* COLUMN 175 HORIZONTAL 3  
MODEL SHOWN



## STEP 11

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



# INSTALLATION

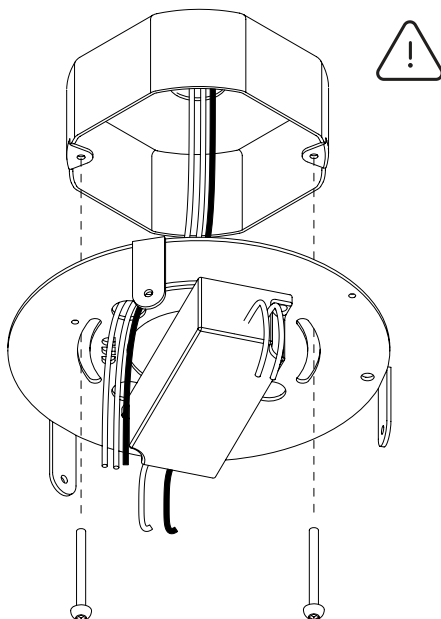
## STEP 12

### 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.



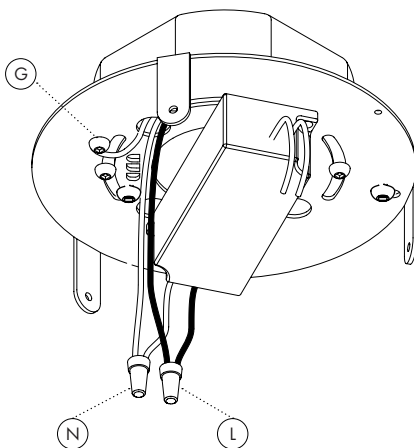
## STEP 13

### 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)



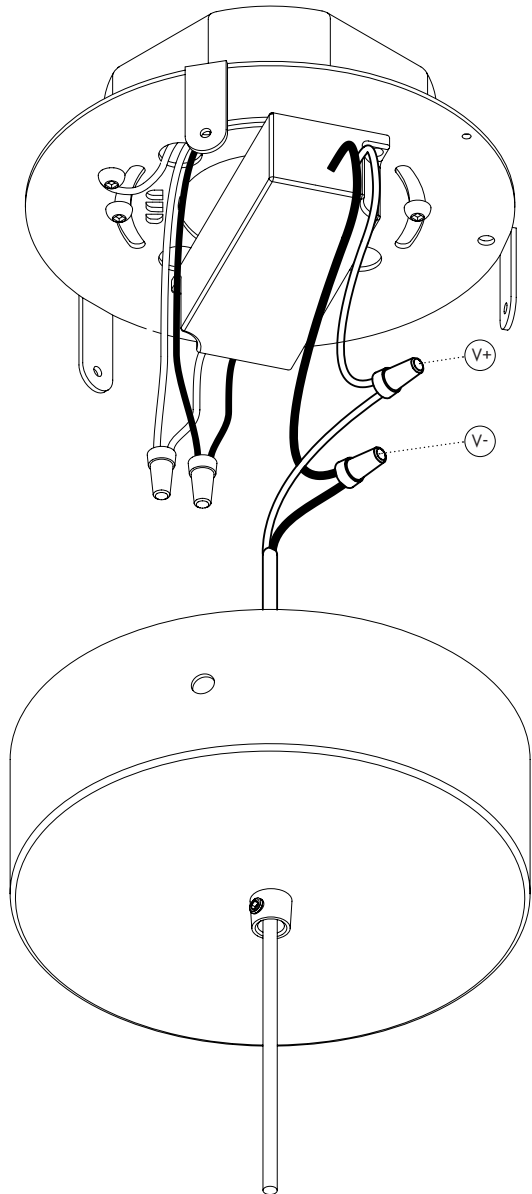
REFER TO PAGE 6: DRIVER OPTIONS FOR MORE DETAILS

## STEP 14

**Connect the luminaire to secondary circuit on LED driver.**

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

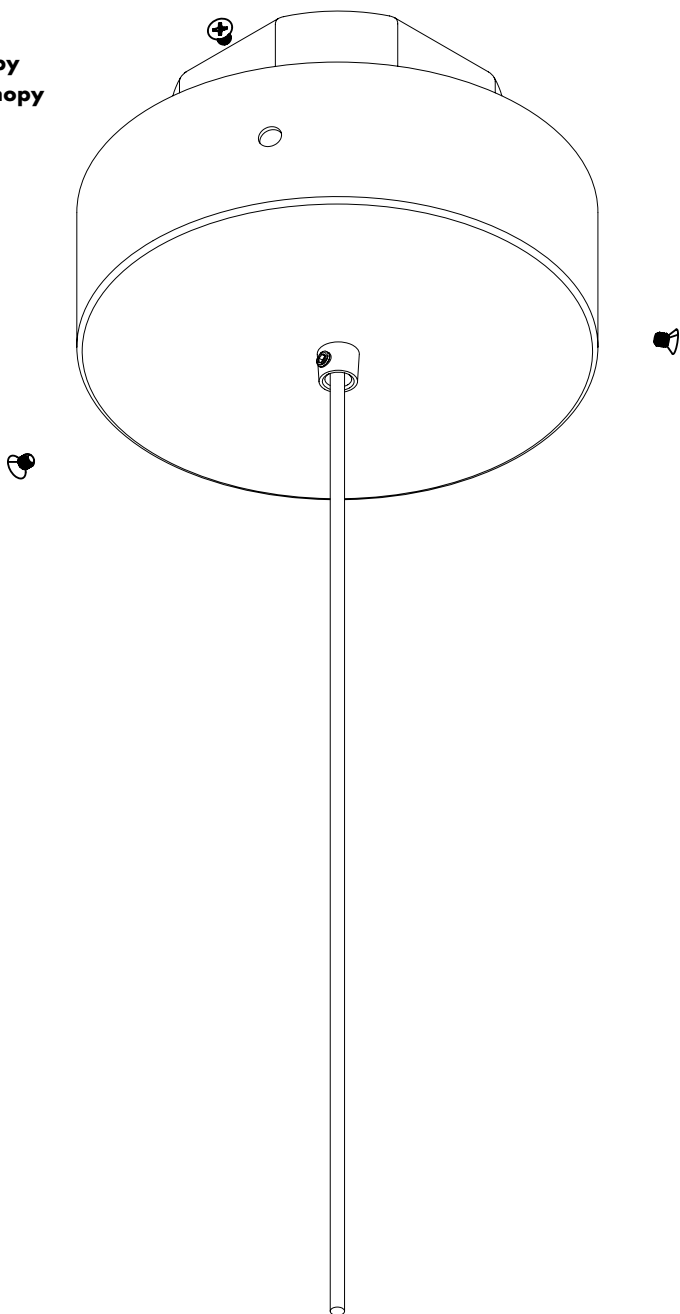
Black = **Negative** (V-)



REFER TO PAGE 6: DRIVER OPTIONS FOR MORE DETAILS

## STEP 15

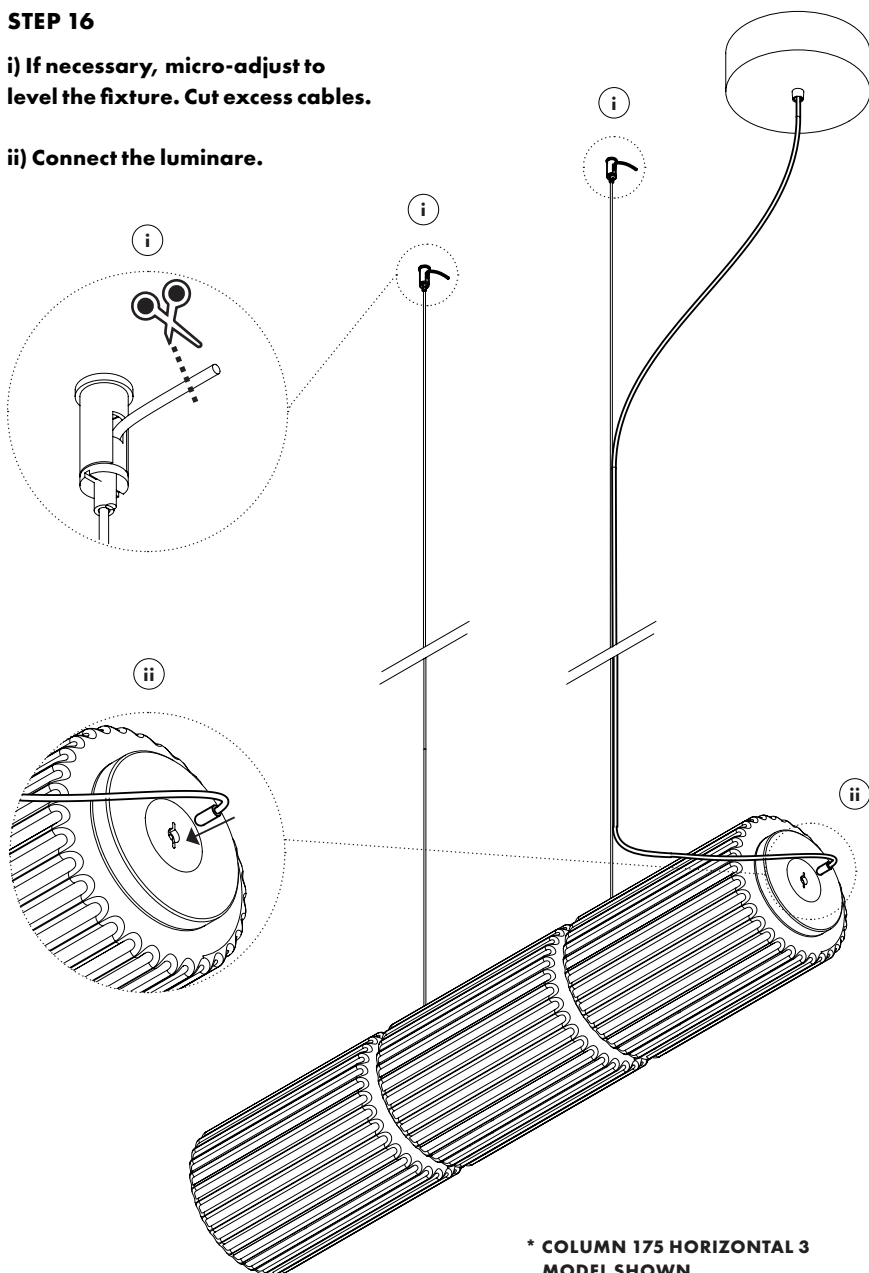
Using the provided canopy screws (3), attach the canopy to the backplate.



## STEP 16

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

ii) Connect the luminaire.



\* COLUMN 175 HORIZONTAL 3  
MODEL SHOWN

# INSTALLATION

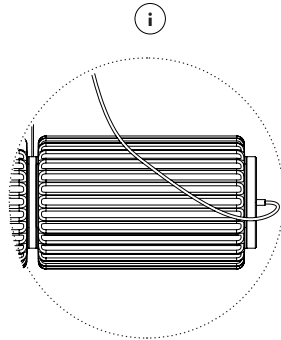
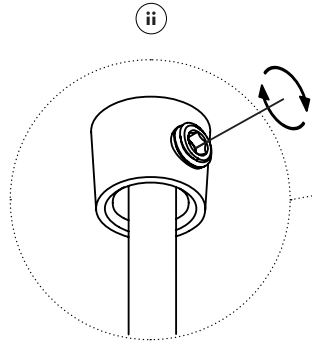
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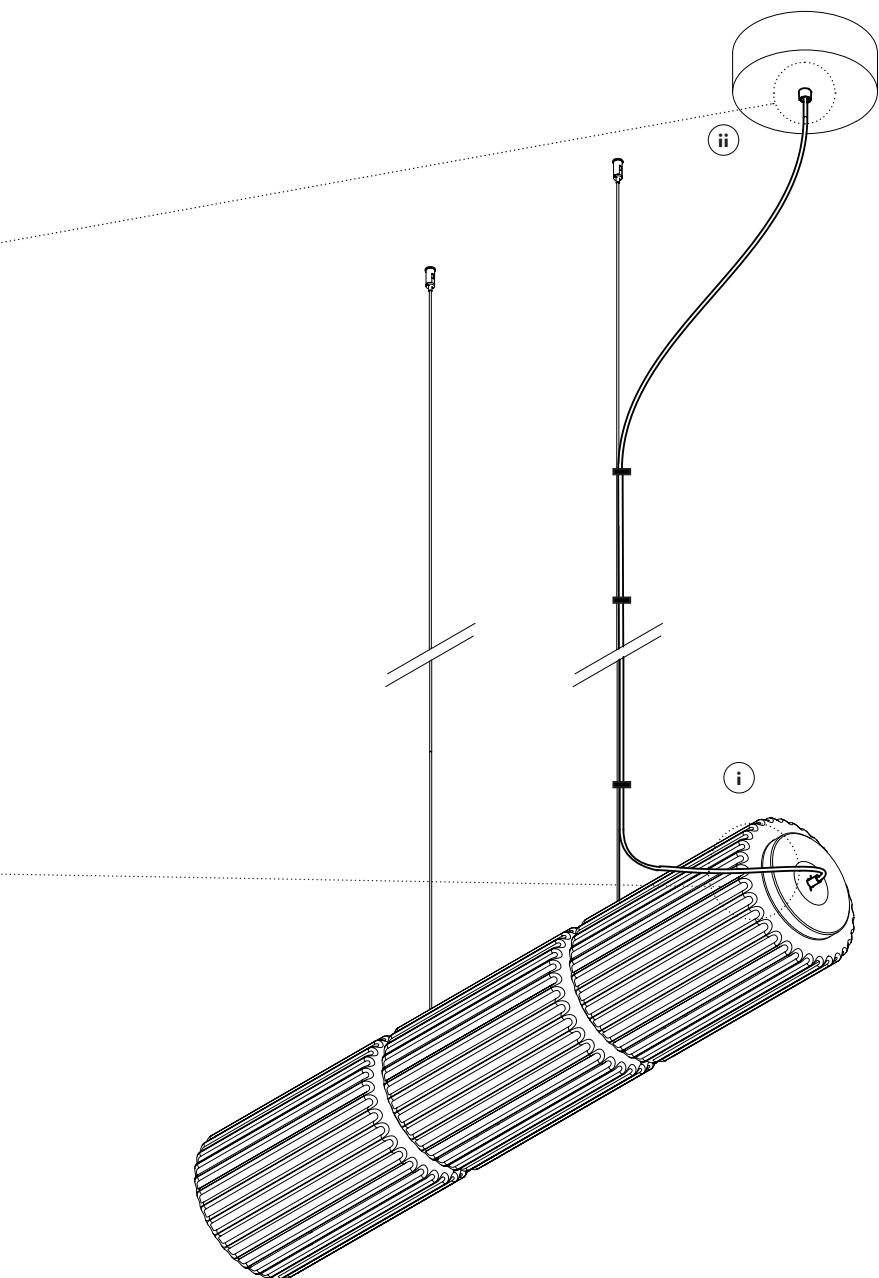
## STEP 17

### 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.







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For support, please contact:  
[info@a-n-d.com](mailto:info@a-n-d.com)  
+1 604 563 6938

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