



COLUMN SERIES

VERTICAL – PENDANT

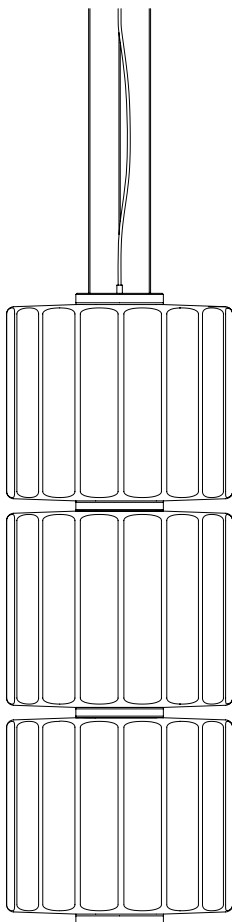
DESIGNER
LUKAS PEET

INSTRUCTIONS



SCAN HERE

NORTH AMERICA



a-n-d.com

INSTALLATION NOTES

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)**



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

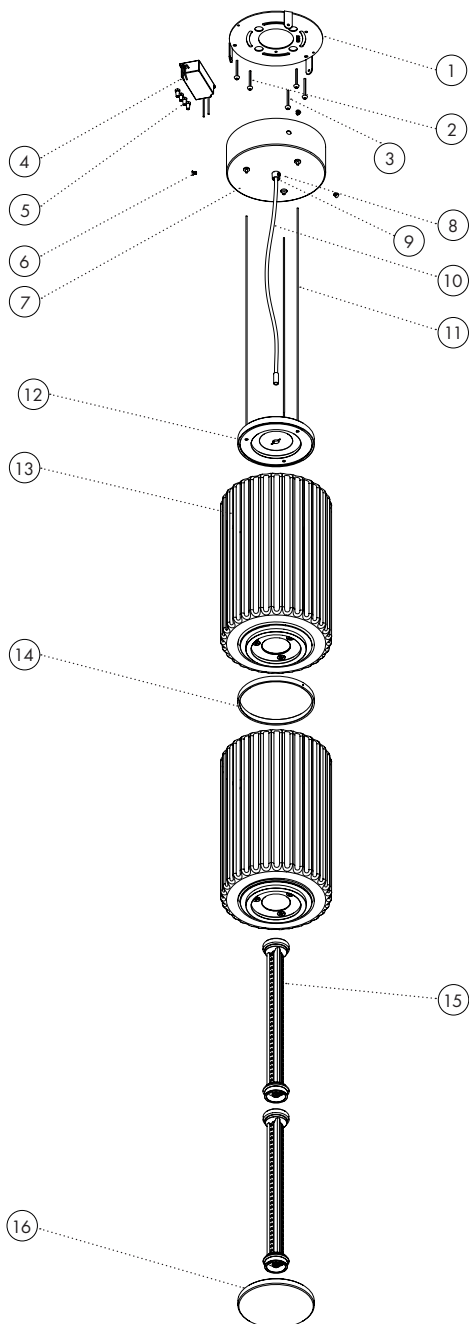
The luminaire must be installed by a qualified electrician in a dry indoor location.

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

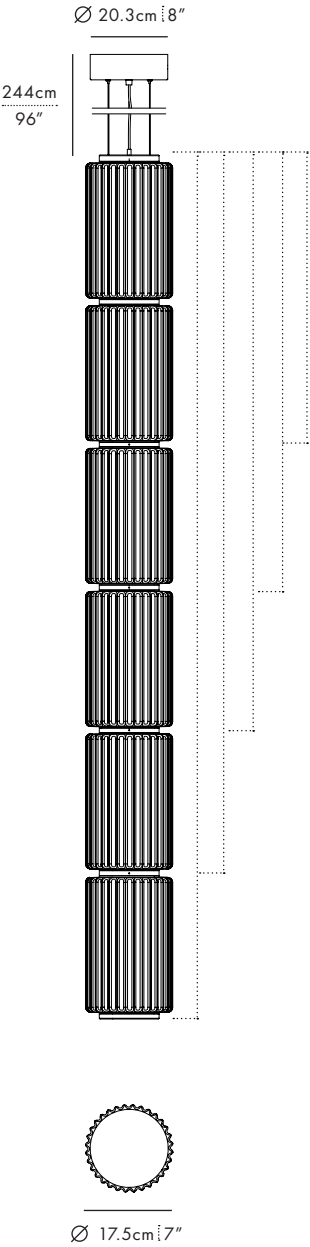


- ① BACKPLATE
- ② #8-32 SCREW (2)
- ③ #8 SCREW (3)
- ④ LED DRIVER
- ⑤ TERMINAL (4)
- ⑥ CANOPY SCREW (3)
- ⑦ CANOPY
- ⑧ STRAIN RELIEF PLASTIC SET SCREW
- ⑨ STRAIN RELIEF
- ⑩ ELECTRICAL CORD
- ⑪ AIRCRAFT CABLE (3)
- ⑫ SUSPENSION CAP
- ⑬ GLASS (1-6)
- ⑭ COLLAR RING (1-5)
- ⑮ LED MODULE (2-6)
- ⑯ ENDCAP



COLUMN 175 VERTICAL OPTIONS

WEIGHTS



VERTICAL 2
LENGTH: 59cm / 23.2"
WEIGHT: 12.5lbs / 5.7 kg

VERTICAL 3
LENGTH: 87cm / 34.25"
WEIGHT: 17.1 lbs / 7.8 kg

VERTICAL 4
LENGTH: 115cm / 45.27"
WEIGHT: 21.7 lbs / 9.9 kg

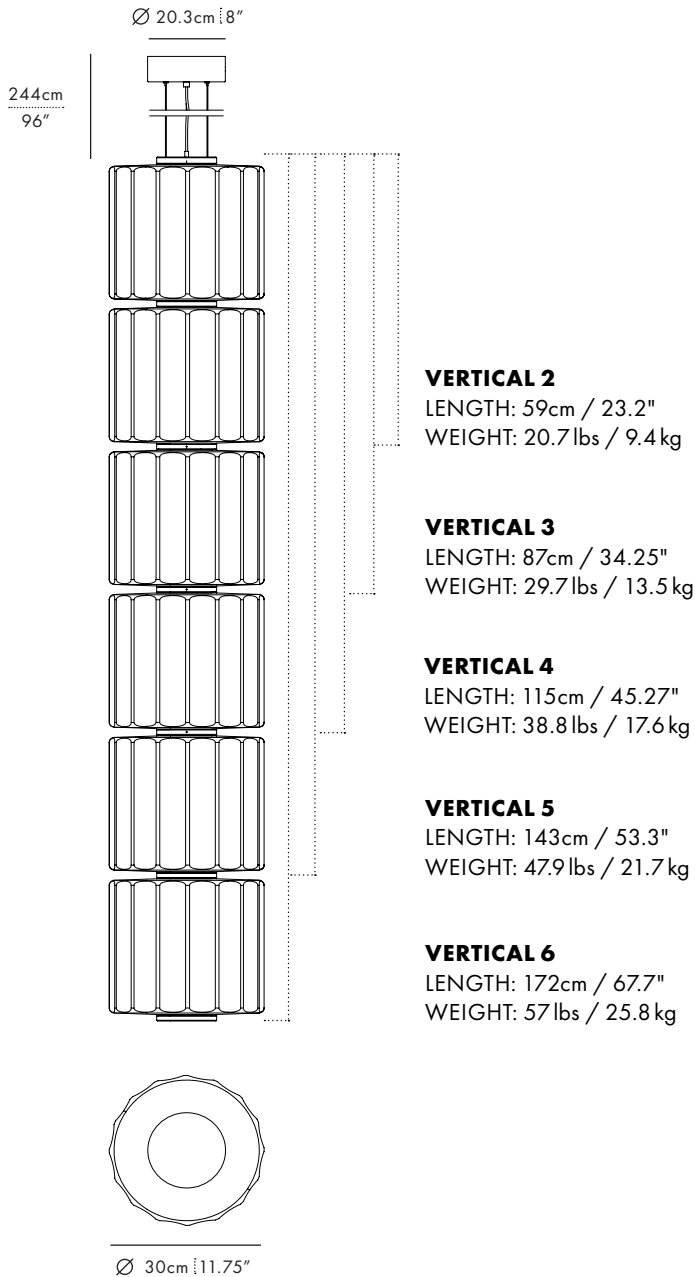
VERTICAL 5
LENGTH: 143cm / 53.3"
WEIGHT: 26.3 lbs / 12 kg

VERTICAL 6
LENGTH: 172cm / 67.7"
WEIGHT: 30.9 lbs / 14.1 kg

COLUMN 300 VERTICAL OPTIONS



WEIGHTS



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-175-1-P-V-CBN-27-010-277

DIMMING --- INPUT VOLTAGE

PHASE CUT DIMMING (PC)

M28 SERIES - ES POWER

INPUT: 120VAC

OUTPUT: 24VDC, 24W

L x W x H: 89 x 42 x 31

M40 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

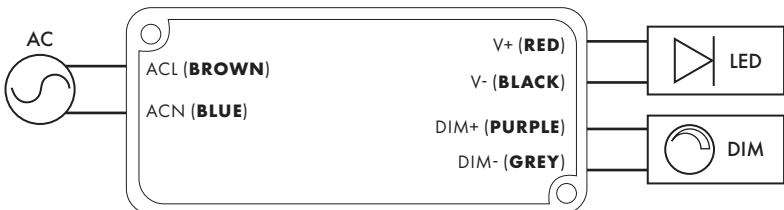
L x W x H: 111 x 44 x 32

Q22-P SERIES - ES POWER

INPUT: 110-277VAC

OUTPUT: 24VDC, 90W

L x W x H: 111 x 44 x 32



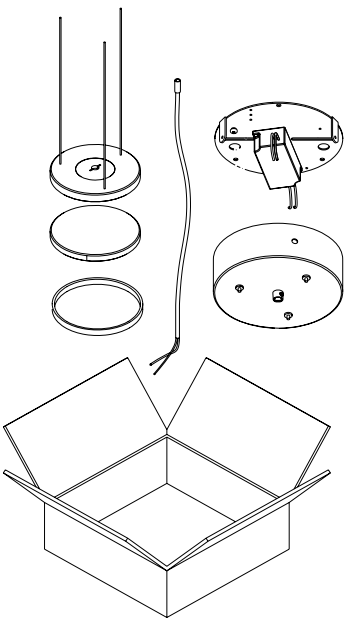
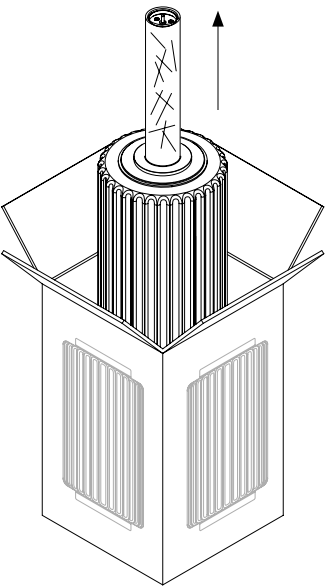
PREPARATION



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

Mount the backplate to the ceiling.

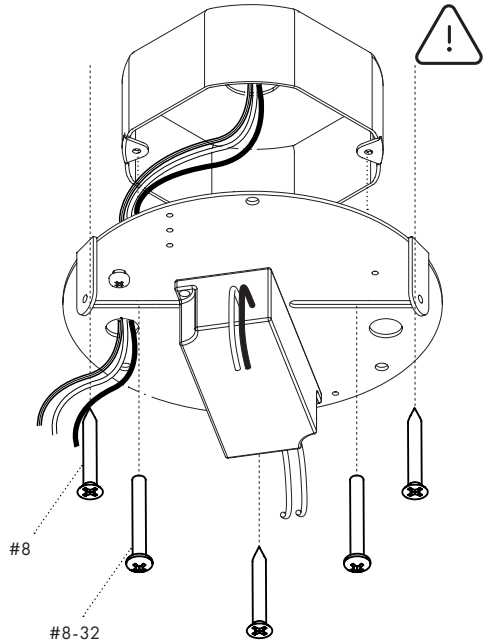
Use the provided two #8-32 screws to connect the backplate on the junction box.

Use the provided three #8 screws to secure the backplate on the ceiling.

Correct weight anchors are provided by installer.

Caution!

Ensure that the power is disconnected at the breaker.



REFER TO PAGE 4, 5: FIXTURE WEIGHT FOR MORE DETAILS

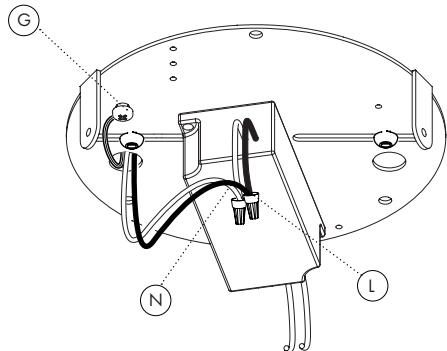
STEP 3

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)



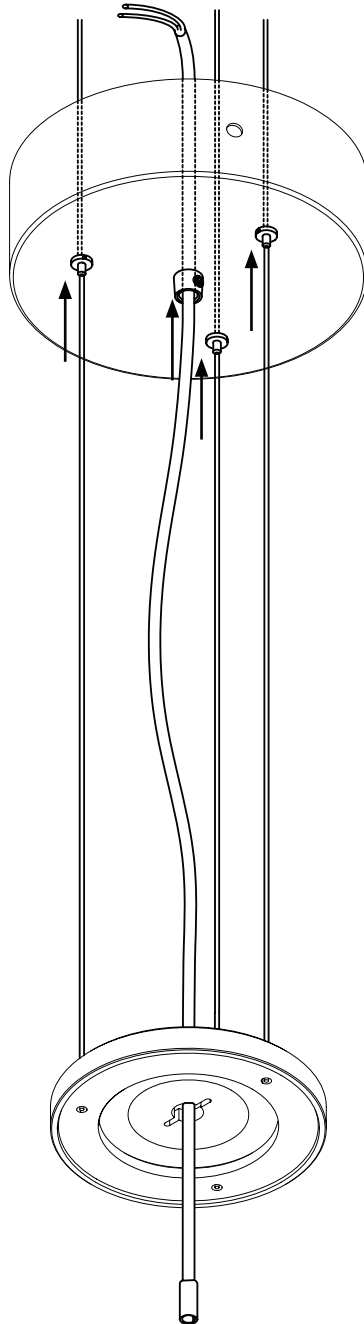
REFER TO PAGE 6: DRIVER OPTIONS FOR MORE DETAILS

STEP 4

Feed the aircraft cables (3) and the electrical cord through the canopy.

Attention!

Do not cut any cable/power cord at this step.



INSTALLATION

STEP 5

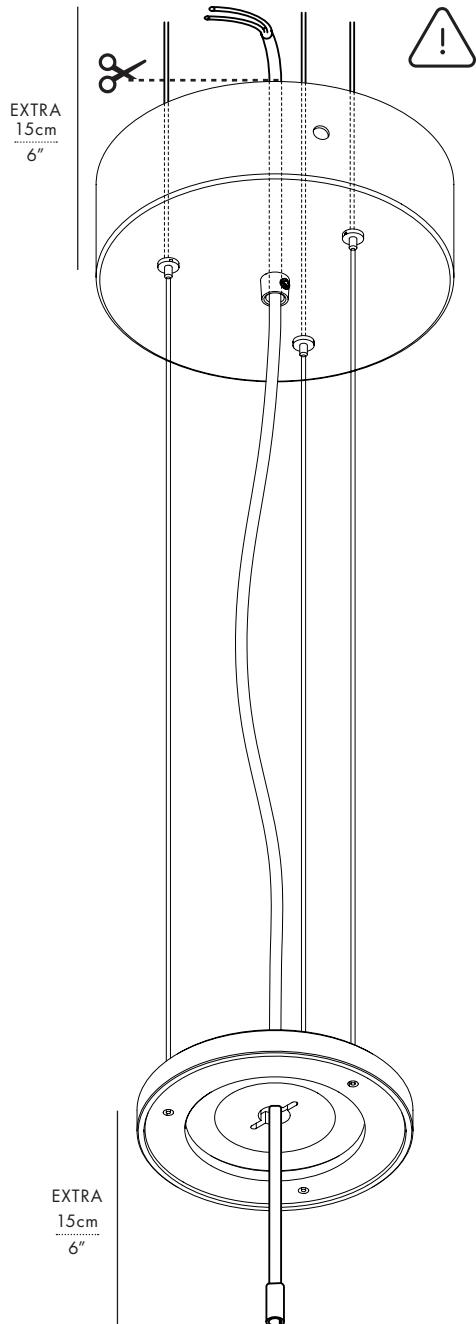
Determine the drop height and trim the excess electrical cord and aircraft cable.

Refer to **PAGE 4 & 5** for the light fixture total height.

⚠ Attention!

Leave an extra 15cm / 6" of aircraft cables and powercord inside the canopy.

Leave an extra 15cm / 6" powercord below the suspension cap.

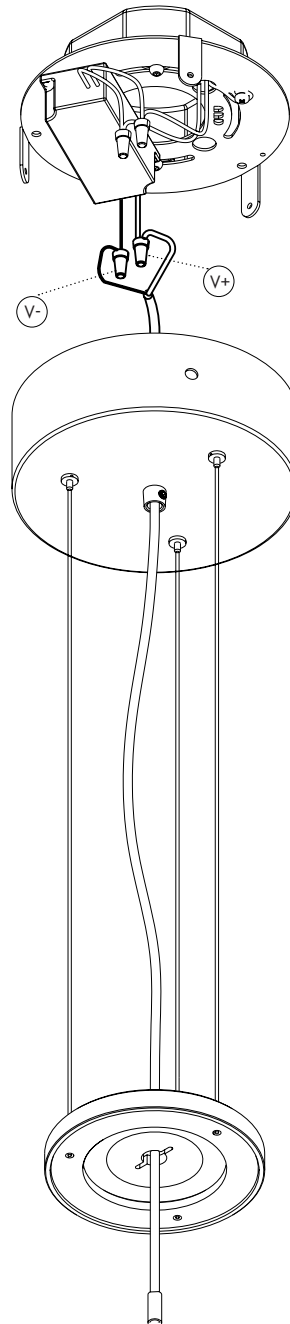


STEP 6

Connect the luminaire to secondary circuit on LED driver.

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

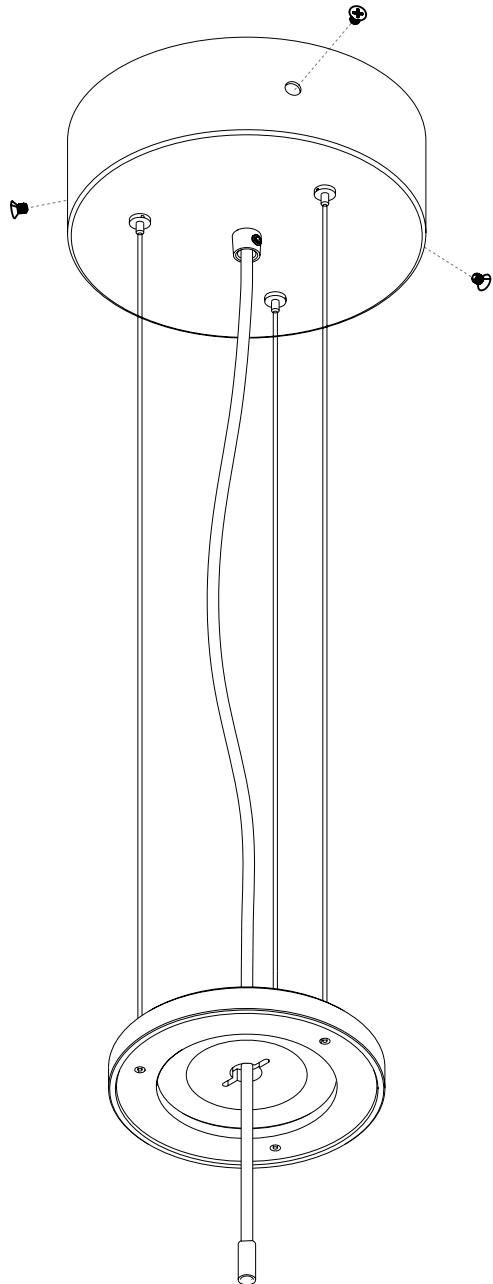
Black = **Negative** (V-)



INSTALLATION

STEP 7

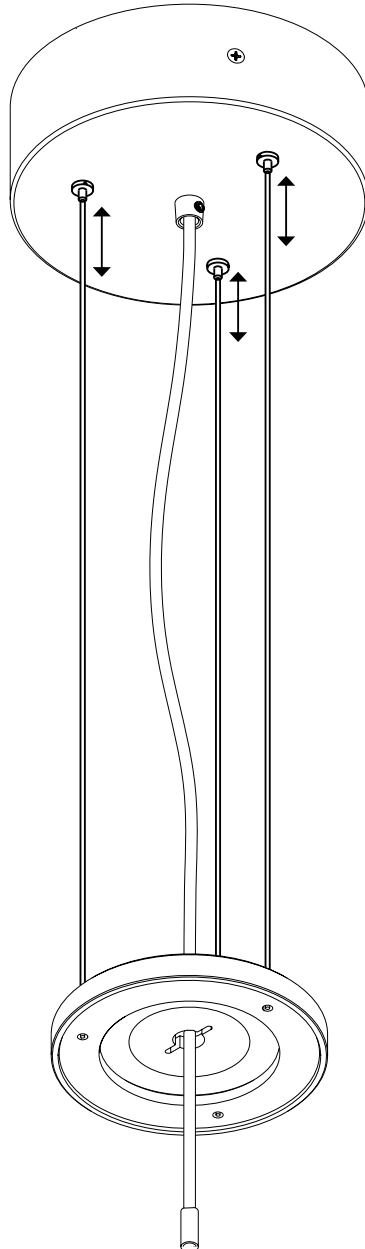
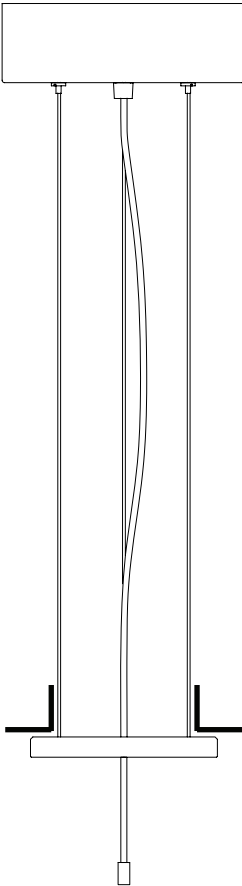
Using the provided canopy screws (3), attach the canopy to the backplate.



STEP 8

Ensure the suspension cap is levelled.

While pushing the cable gripper, pull/feed the aircraft cables one at a time.



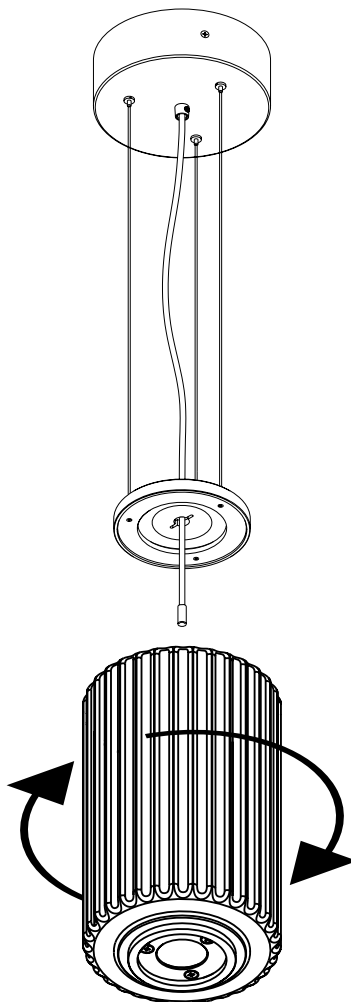
INSTALLATION

STEP 9

Thread the glass onto the suspension cap by turning clockwise.

Attention!

Remove rings/jewelry from fingers to prevent breakage during this step.



* COLUMN 175 VERTICAL 2
MODEL SHOWN

STEP 10

Place the collar centered to the bottom glass.

While your partner holds the top glass, tighten the bottom section.

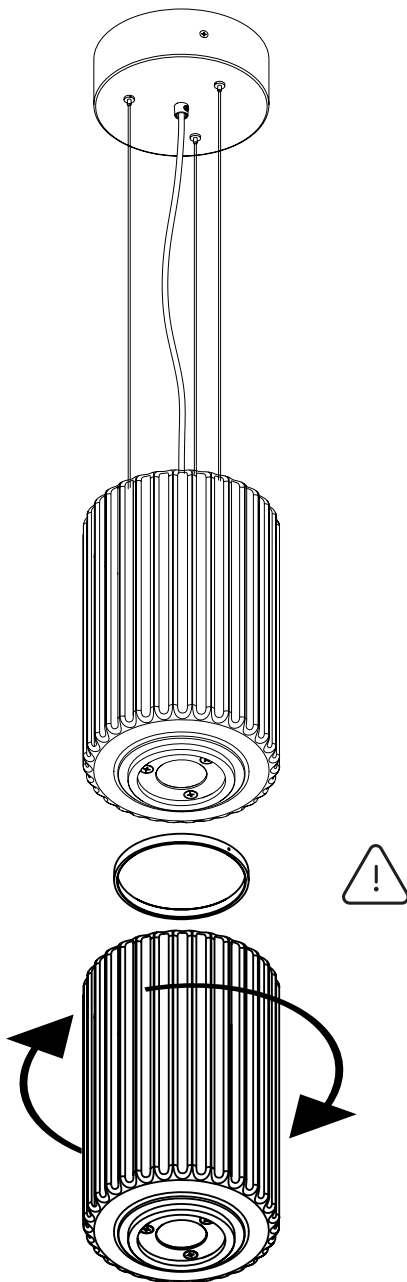
Repeat for all glass needed.

Caution!

Ensure the collar is centered while tightening the glass: do not overtighten glass to avoid cracking.

Attention!

Remove rings/jewelry from fingers to prevent breakage during this step.



* COLUMN 175 VERTICAL 2
MODEL SHOWN

INSTALLATION

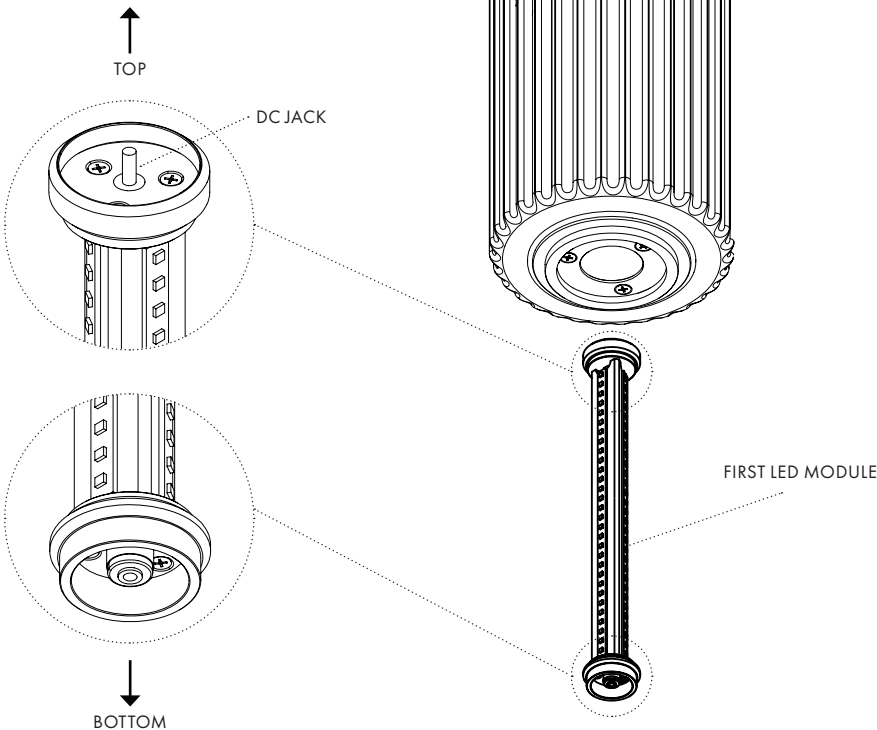
STEP 11

Slide the first LED module from the bottom glass

Ensure the side with the DC JACK is facing up in the fixture.

⚠ Caution!

Do not drop the LED module. Always hold the LED module with one hand.

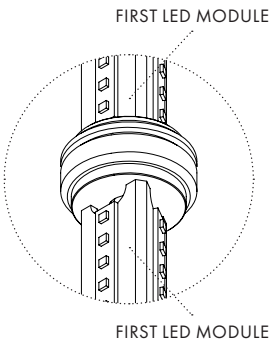
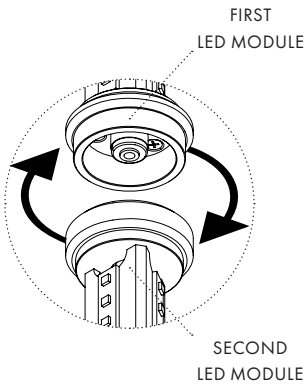


* COLUMN 175 VERTICAL 2
MODEL SHOWN

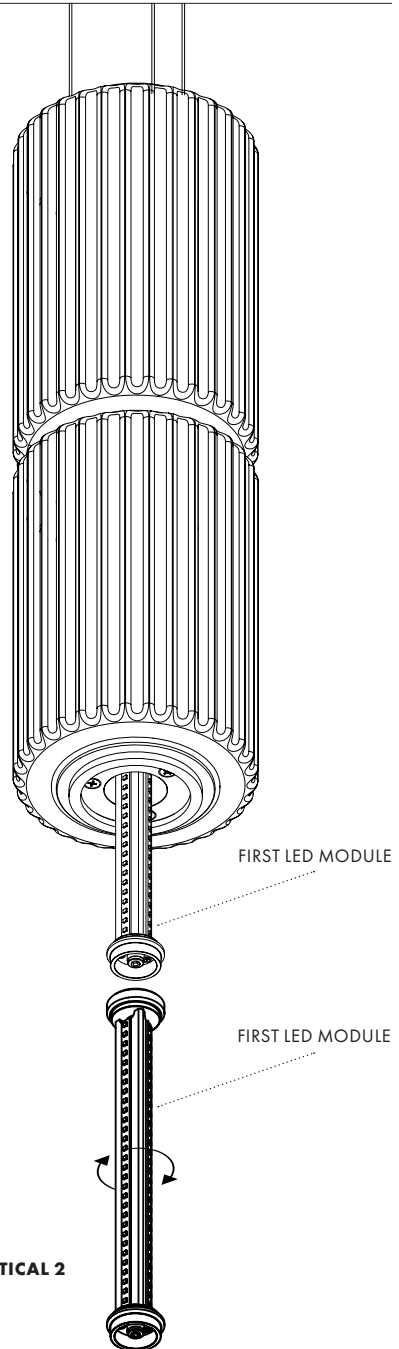
STEP 12

Thread the second LED module on the first one.

Repeat this step for all the LED modules required.



*** COLUMN 175 VERTICAL 2
MODEL SHOWN**



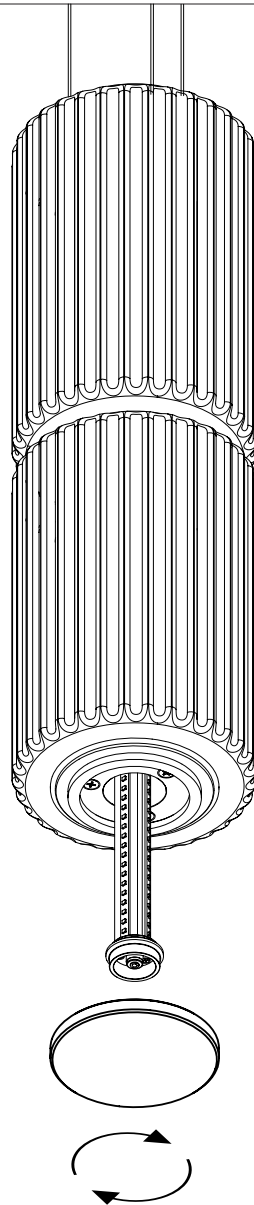
INSTALLATION

STEP 13

Thread the endcap on the bottom glass.

⚠ Attention!

Do not drop the LED module while threading on the endcap.



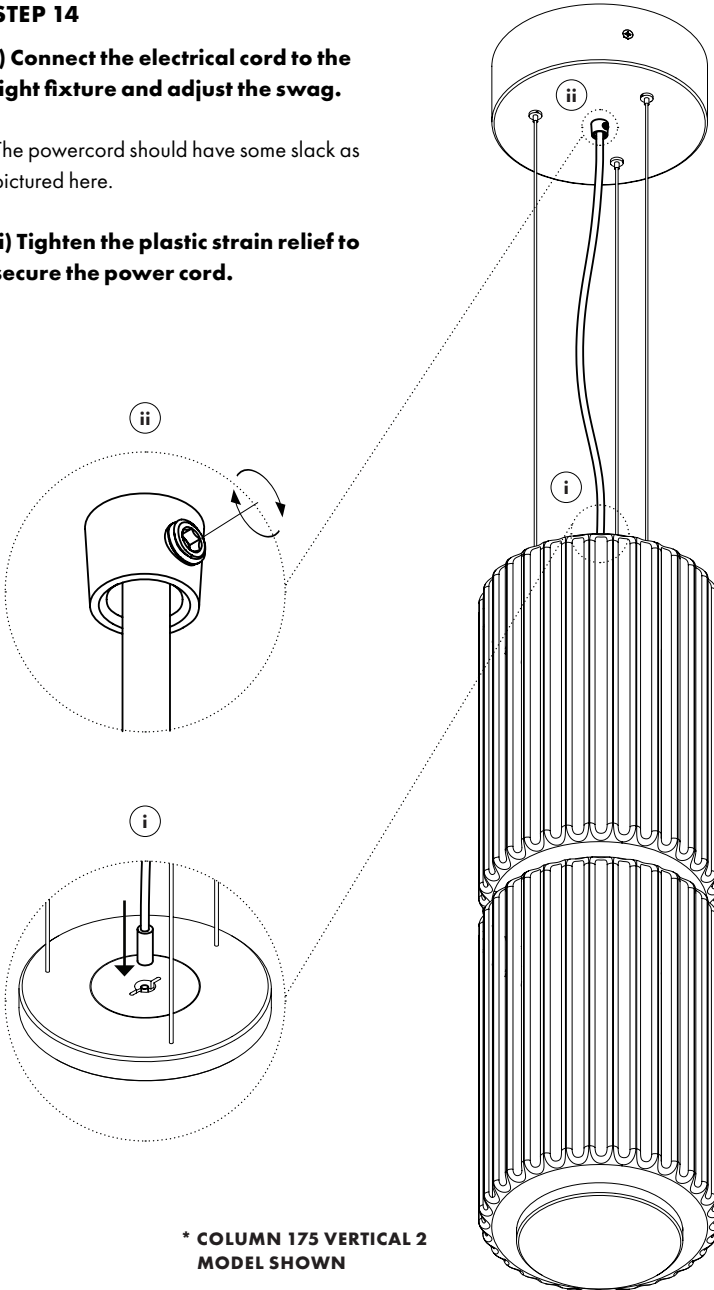
*** COLUMN 175 VERTICAL 2
MODEL SHOWN**

STEP 14

i) Connect the electrical cord to the light fixture and adjust the swag.

The powercord should have some slack as pictured here.

ii) Tighten the plastic strain relief to secure the power cord.



*** COLUMN 175 VERTICAL 2
MODEL SHOWN**



For support, please contact:

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