



PIPELINE SERIES

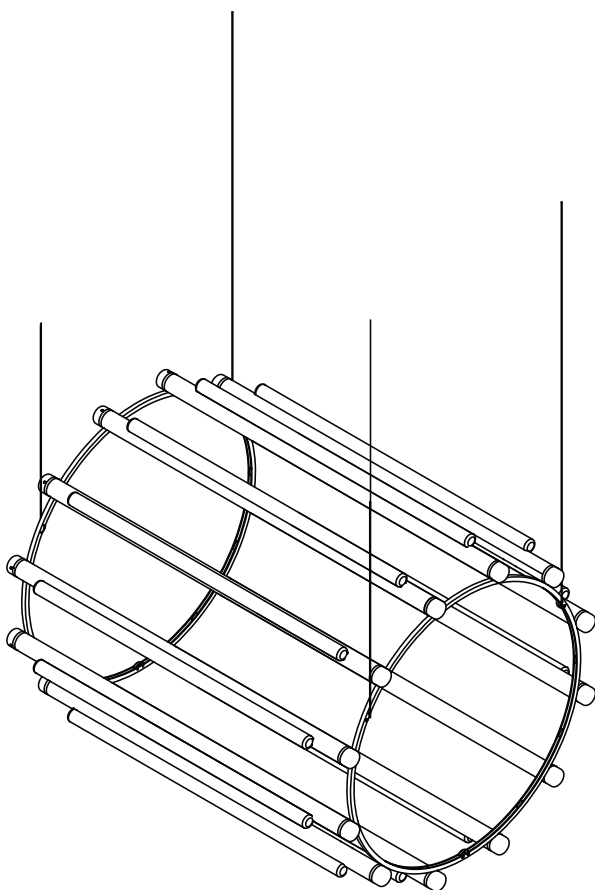
CHANDELIER – HORIZONTAL

DESIGNER
CAINE HEINTZMAN

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.

It is recommended that three people install the Pipeline Chandelier; two installers to gently support the luminaire while the third makes the electrical and mechanical connections to the ceiling.

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



CARE INSTRUCTIONS

Always wear clean gloves when handling the luminaire. Clean painted surfaces with a soft, lint-free cloth. Clean acrylic diffuser with a soft lint-free cloth or an unscented magic eraser pad.

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.



DANGER

Extremely heavy! Improper installation could lead to serious injury.

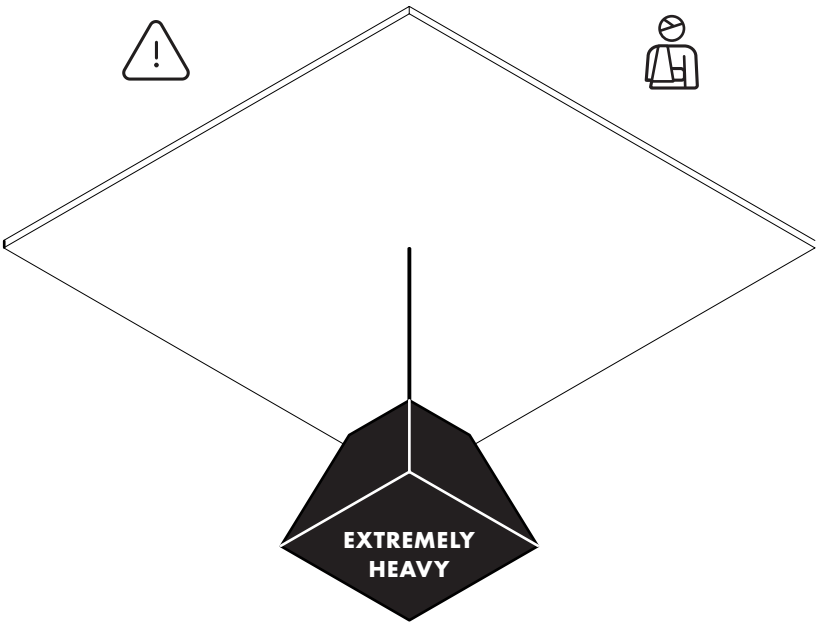
A-N-D is not responsible for damages or injury caused by improper installation.

PREPARATION



Reinforcement of the mounting surface is required to suspend this luminaire. Refer to pages 6-7 to establish the weight of the specific model.

It is recommended that a structural engineer assesses the site specific support requirements to ensure a safe installation.



LED DRIVER OPTIONS

The Pipeline Chandelier LED driver varies depending on dimming requirements and input voltage.

Use the ordering code to determine the driver selected:

ie. PIP-CHA-1-BK-27-010-277

DIMMING --- INPUT VOLTAGE

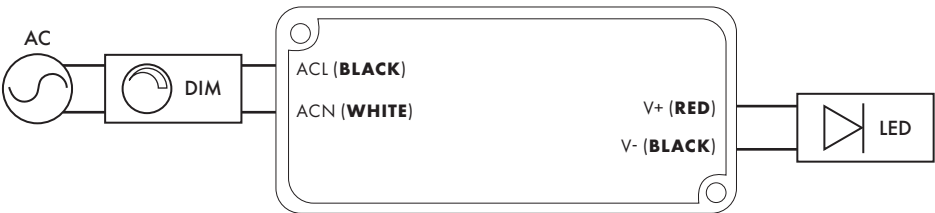
PHASE CUT DIMMING (PC)

M40 SERIES - ES POWER

INPUT: 120VAC

OUTPUT: 24VDC, 75W

L x W x H: 140 x 49 x 32



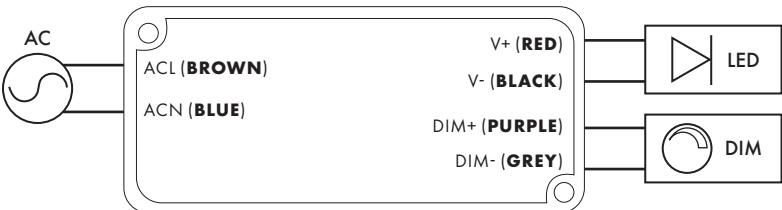
0-10 + PWM DIMMING (010)

Q68-P SERIES - ES POWER

INPUT: 110-277VAC

OUTPUT: 24VDC, 68W

L x W x H: 140 x 49 x 32

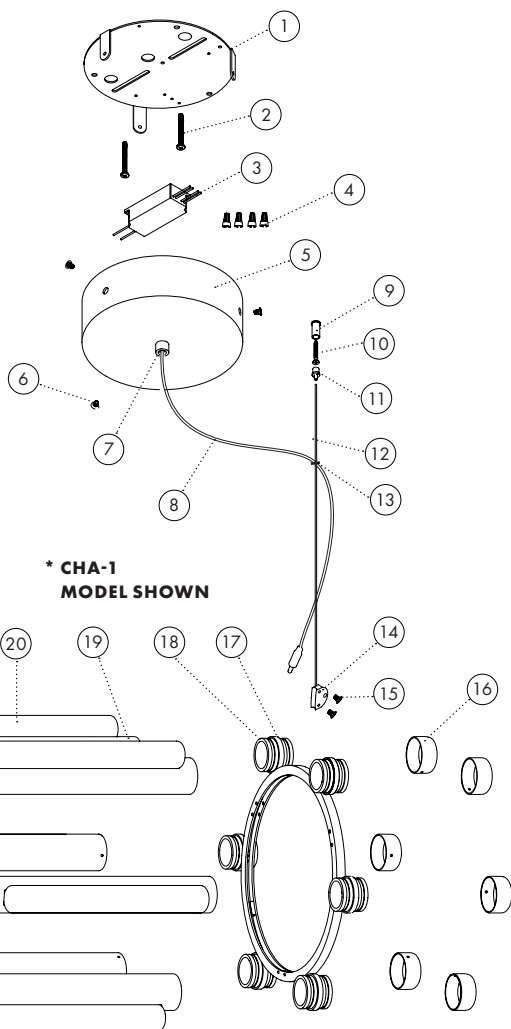


COMPONENTS



- | | | |
|--------------------|---|---------------------------|
| ① BACKPLATE | ⑬ END CAP (6-12) | ⑲ LUMINAIRE BODY (6-12) |
| ② #8-32 SCREW (2) | ⑭ TOP RING ASSEMBLY
(powerjack, connectors,
wiring harness) | ⑳ ACRYLIC DIFFUSER (6-12) |
| ③ LED DRIVER (1-4) | ⑮ CONNECTOR (6-12) | ㉑ BOTTOM RING |
| ④ WIRE NUT (2-4) | ⑯ RING SCREW (6) | |

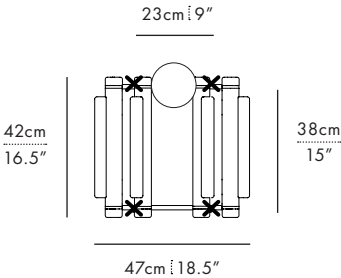
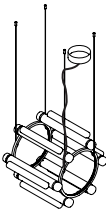
- ⑤ CANOPY
- ⑥ CANOPY SCREW (3)
- ⑦ STRAIN RELIEF
- ⑧ ELECTRICAL CORD (1-4)
- ⑨ CEILING ANCHOR (4)
- ⑩ #6 SCREW (4)
- ⑪ CABLE GRIPPER (4)
- ⑫ SUSPENSION CABLE (4)
- ⑬ O-RING (4-16)
- ⑭ SUSPENSION PUCK (4)
- ⑮ PUCK SCREW (8)



PIPELINE CHANDELIER OPTIONS

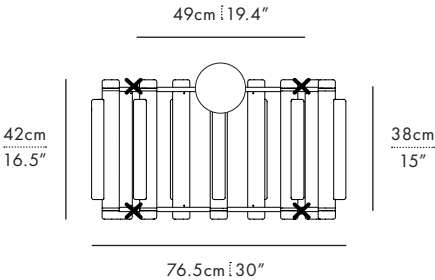
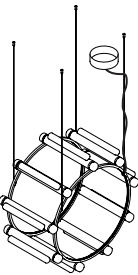
PIP-CHA-1

15 lbs / 7 kg



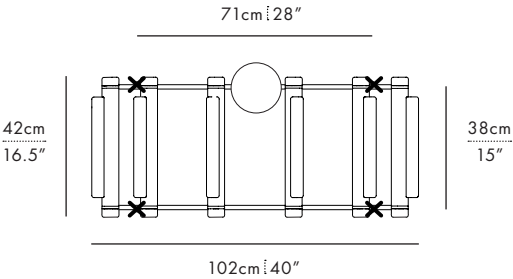
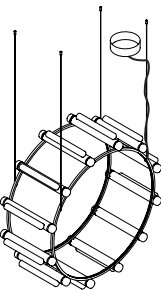
PIP-CHA-2

22 lbs / 10 kg



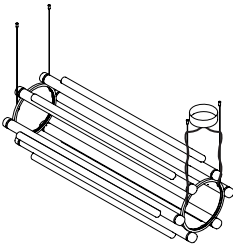
PIP-CHA-3

30 lbs / 14 kg

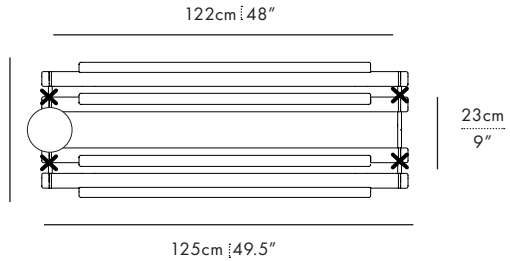


PIP-CHA-4

65lbs / 30kg

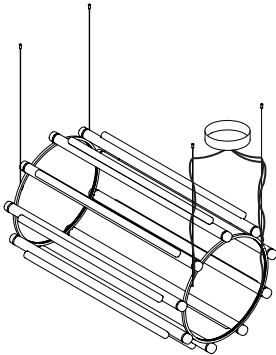


47cm
18.5"

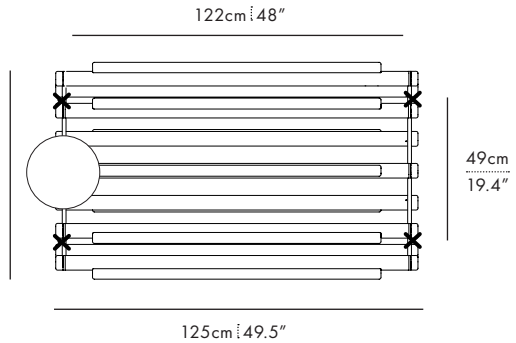


PIP-CHA-5

100lbs / 45kg

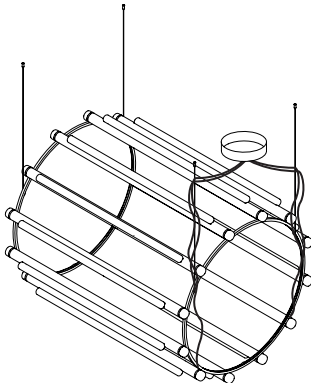


47cm
18.5"

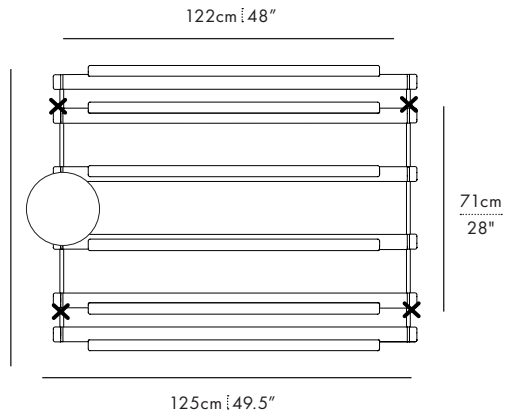


PIP-CHA-6

130lbs / 60kg



102cm
40"



PREPARATION

STEP 1

Determine the drop height of the fixture and set cable lengths.

Suspension cable length:

Position the cable grippers on the suspension cables to set the drop height of the luminaire.

⚠ Caution!

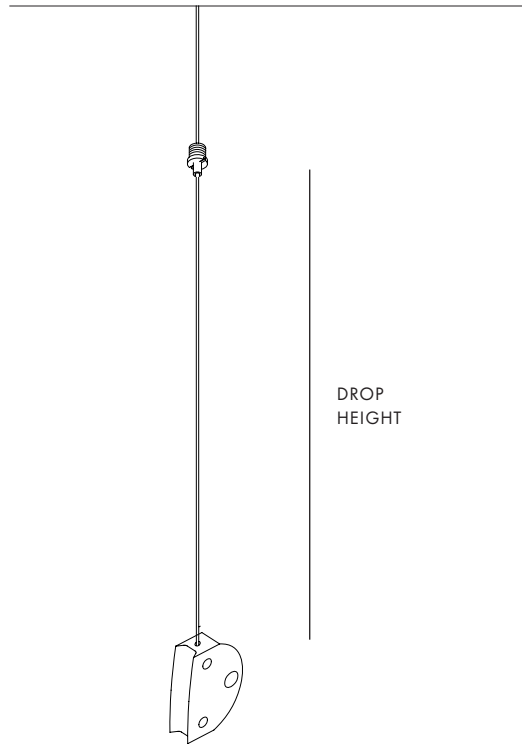
Do not trim cables until installation is complete. This allows for any required adjustments.

Electrical cord length:

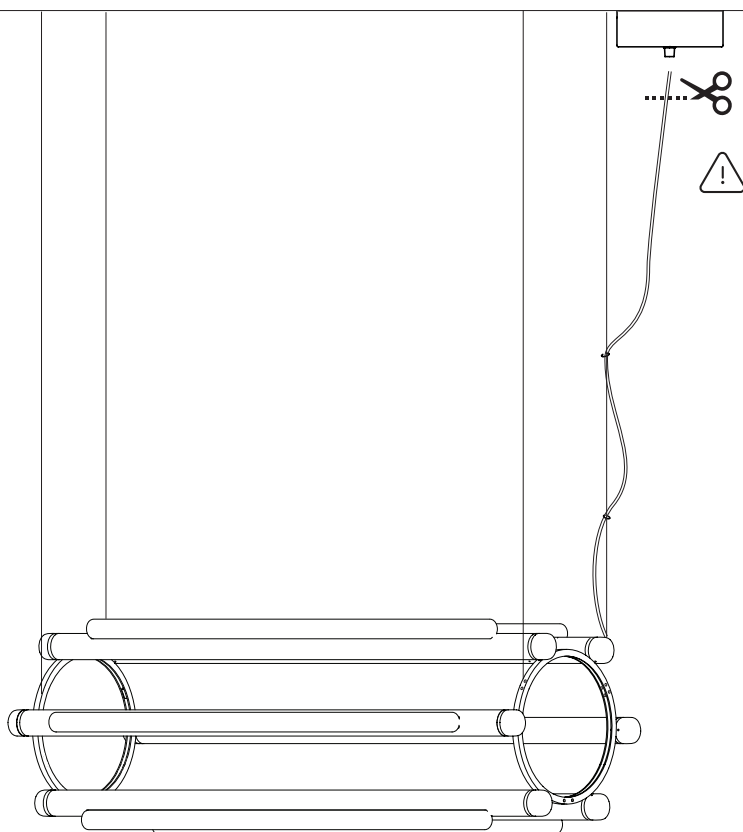
When trimming excess length, add an extra 45cm/18". This allows for slack, and electrical connections inside the canopy.

⚠ Caution!

The electrical cord must not bear any weight.



DROP
HEIGHT



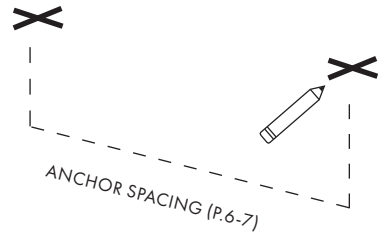
*** CHA-4
MODEL SHOWN**

INSTALLATION

STEP 2

Mark the suspension anchor points on the ceiling.

Use the model specific dimensions on **PAGE 6-7** to determine the anchor spacing.



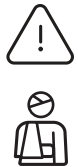
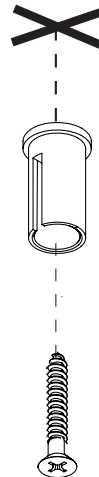
STEP 3

Install the suspension cable anchors onto reinforced ceiling.

#6 Screws are suggested for use with these anchors.

Danger!

Ensure ceiling is reinforced, and will safely support the weight of the luminaire.



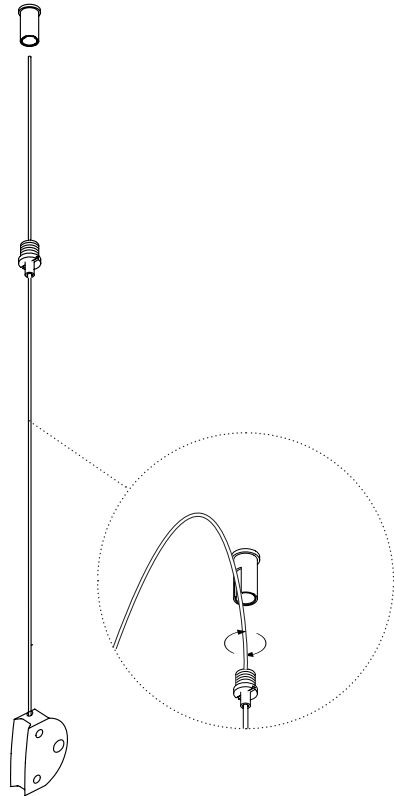
STEP 4

Hang the suspension cables and pucks.

Attach the suspension cable grippers to the ceiling anchors by threading them clockwise.

Align the suspension cable so that it exits the slot in the side of the ceiling anchor.

To adjust the position of the cable in the cable gripper, push the center pin inwards. This releases the auto-locking mechanism on the cable.



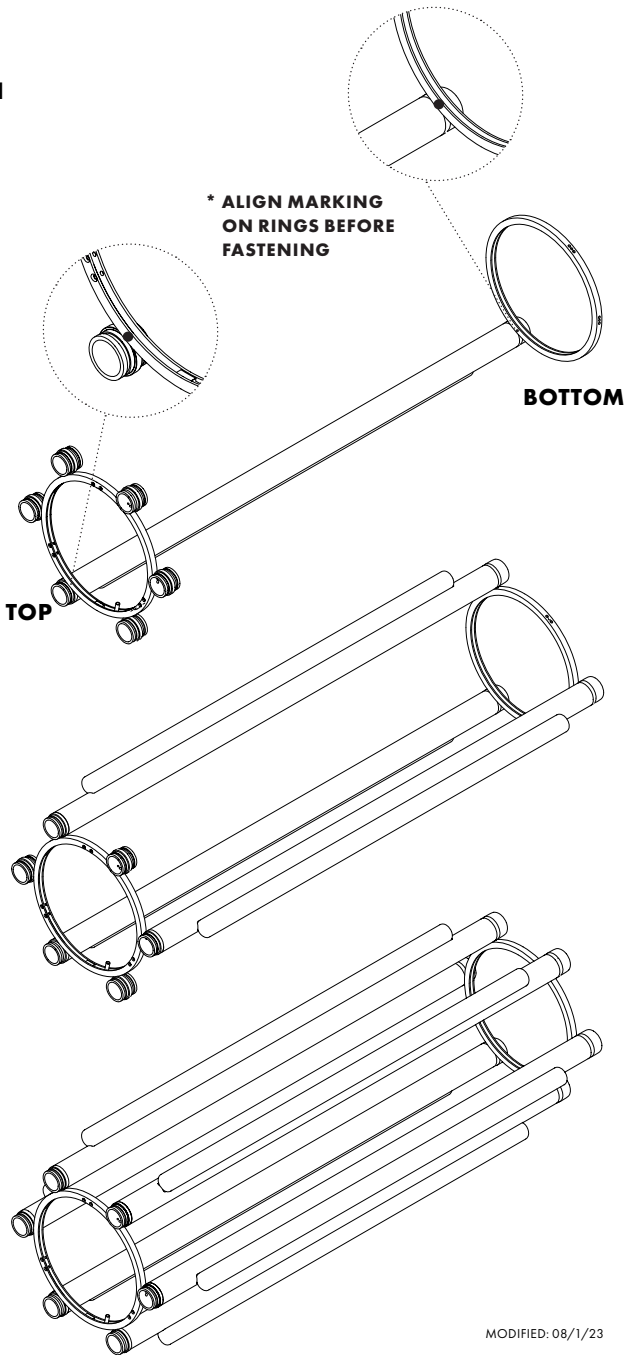
INSTALLATION

STEP 5

Assemble the luminaire sections onto the top and bottom rings.

For easy installation, begin by attaching every second luminaire section and rotate. Repeat sequence until all sections are attached.

TOP RING ASSEMBLY (CANOPY SIDE)



5A

Align the rings correctly. The countersinks on the holes must face outwards.

Incorrect alignment of the rings will prevent the correct installation of the electrical wires and suspension cables.

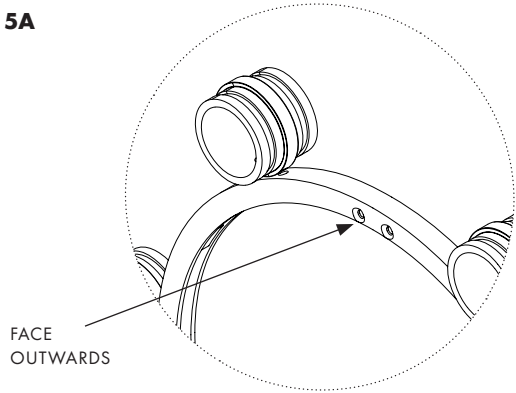
5B

Use the provided hex key and set screws to attach the luminaire sections to the top ring.

5C

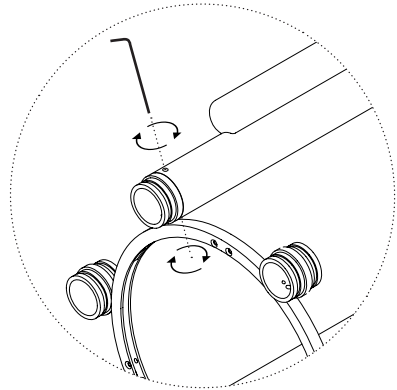
Use the provided ring screws to attach the luminaire section to the bottom ring.

5A



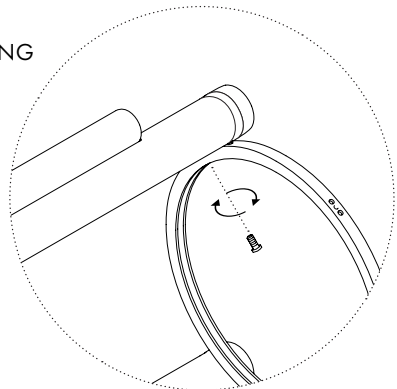
5B

TOP RING



5C

BOTTOM RING



INSTALLATION

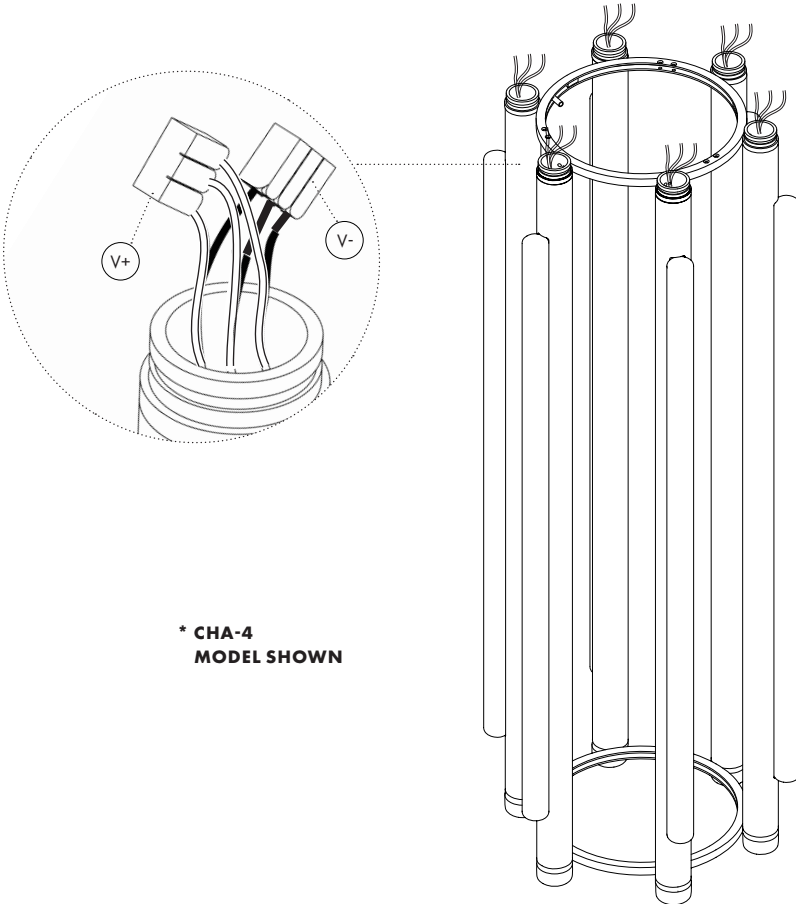
STEP 6

Connect the internal electrical wires.

Red wire to red wire (V+)

Black wire to black wire (V-)

When complete, push the electrical connections inside the luminaire sections.

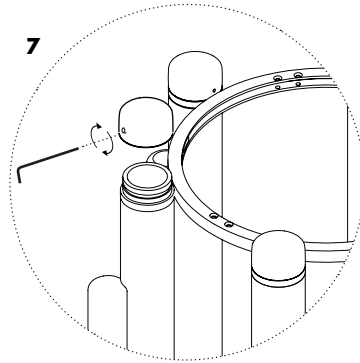


*** CHA-4
MODEL SHOWN**

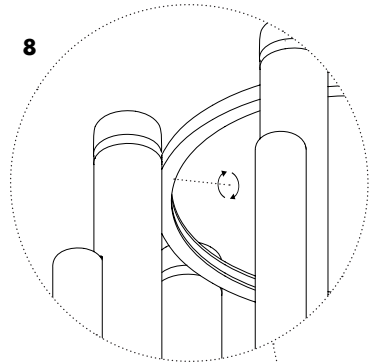
STEP 7

Attach the end caps.

Use the provided set screws and hex key to attach the end caps to the luminaire sections.



8



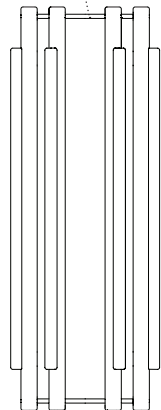
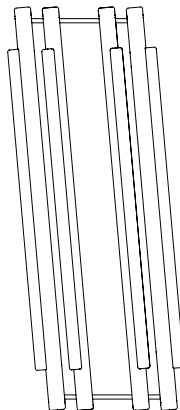
STEP 8

Adjust the alignment of the luminaire sections.

After assembly, the Pipeline Chandelier may lean to one side.

Where necessary, reposition the luminaire sections so that they are perpendicular to the top and bottom rings.

Tighten all the screws on the top and bottom ring to secure the position.



INSTALLATION

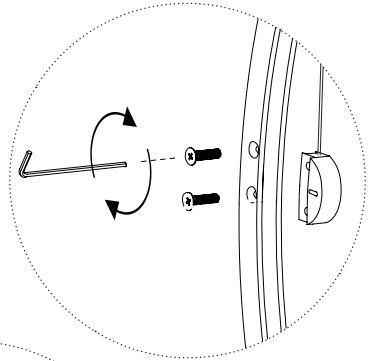
STEP 9

Suspend the Chandelier. Connect electrical cords.

9A

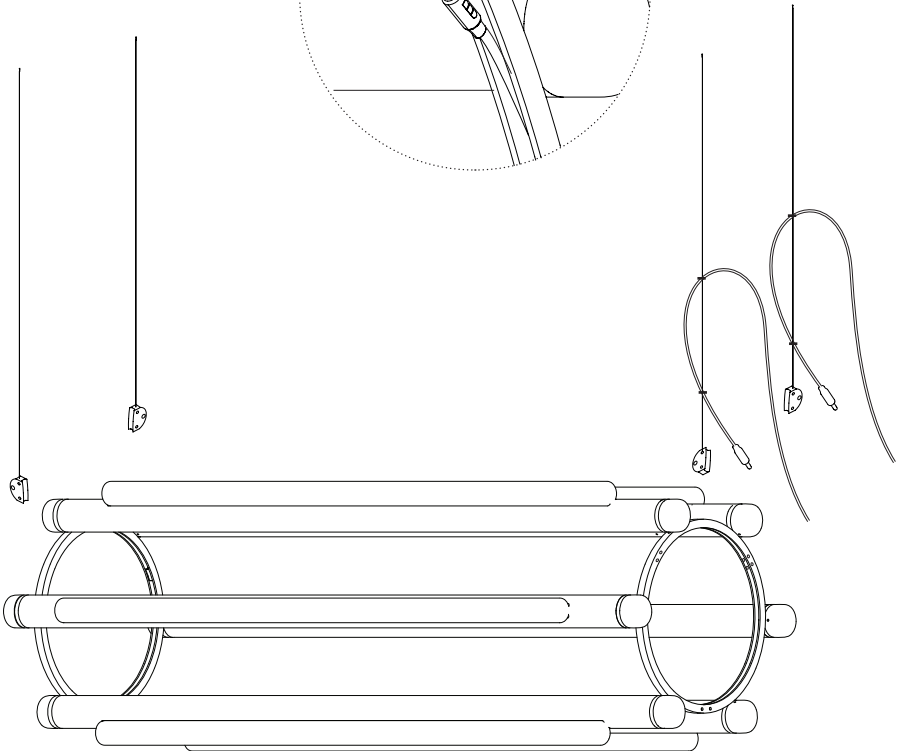
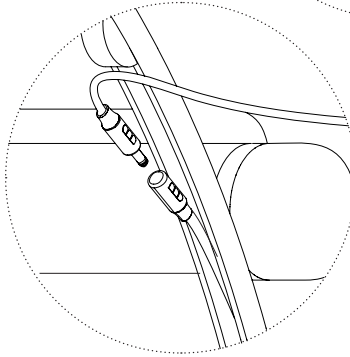
Insert the suspension pucks into the top and bottom rings.

Use the provided screws and hex key to attach the suspension pucks to the rings.



9B

Connect the electrical cords to the power jacks on the ring.



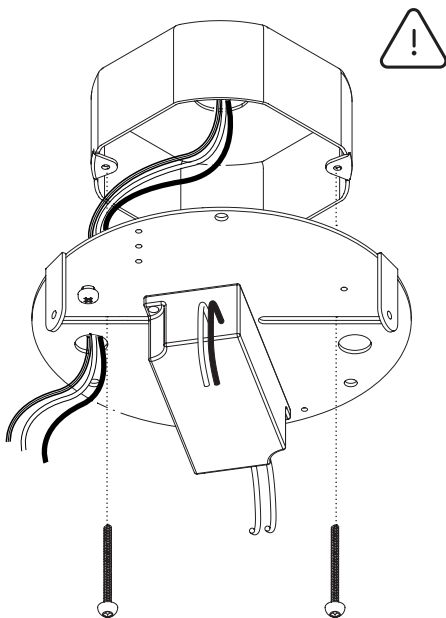
STEP 10

Mount the backplate to the junction box and pull the wires through.

Use the provided #8-32 screws.

Caution!

Ensure that the power is disconnected at the breaker.



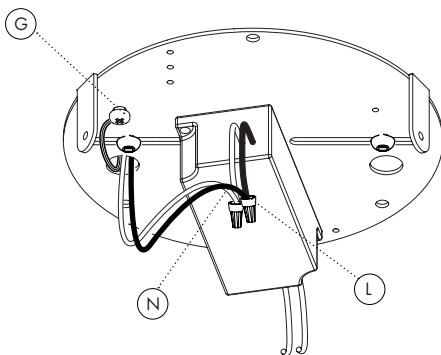
STEP 11

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 4: DRIVER OPTIONS FOR MORE DETAILS

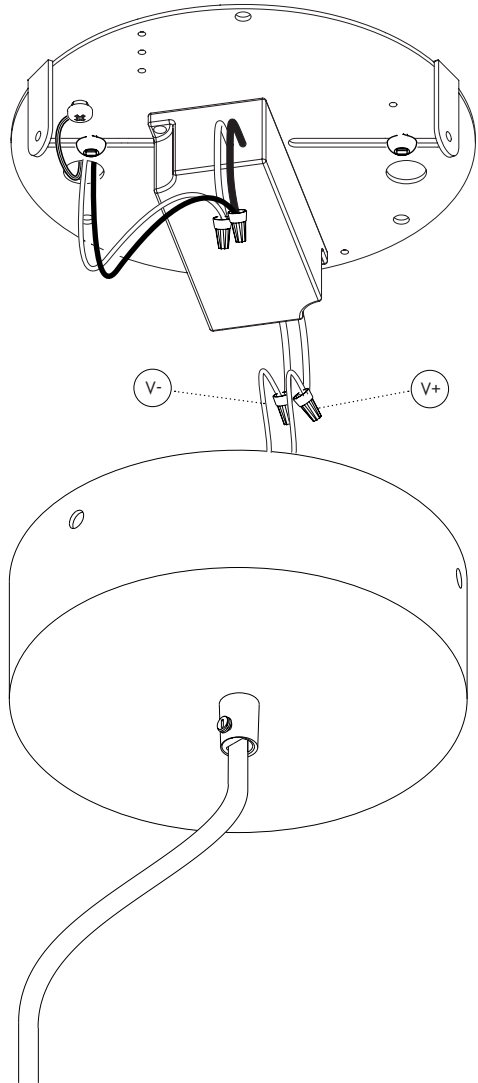
INSTALLATION

STEP 12

Connect the luminaire to secondary circuit on LED driver.

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

Black = **Negative** (V-)



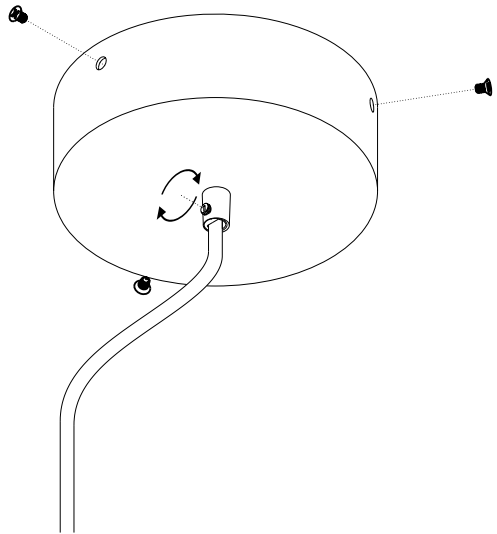
REFER TO PAGE 4: DRIVER OPTIONS FOR MORE DETAILS

STEP 13

Attach the canopy to the backplate and secure the electrical cord.

Use the provided colour matched machine screws to attach the canopy.

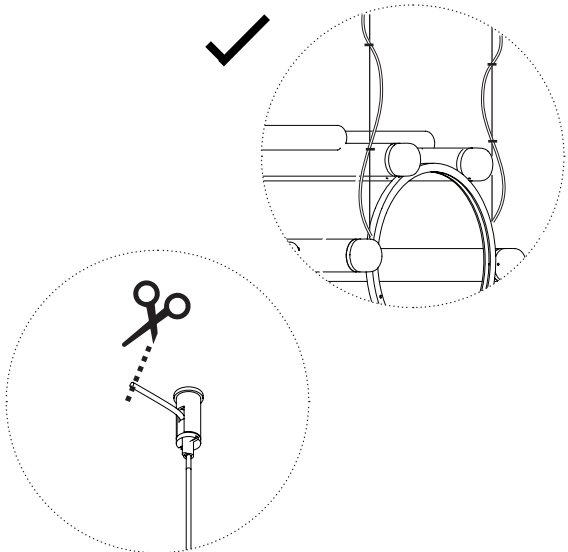
Adjust the position of the electrical cord then secure it by tightening the screw on the strain relief until it gently holds it in place.



STEP 14

Adjust the position of the electrical cord and trim excess cable.

Use the O-rings to create a gently sweep the electrical cord along the suspension cable.





For support, please contact:
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A-N-D

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