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# PIPELINE SERIES PENDANT CM9

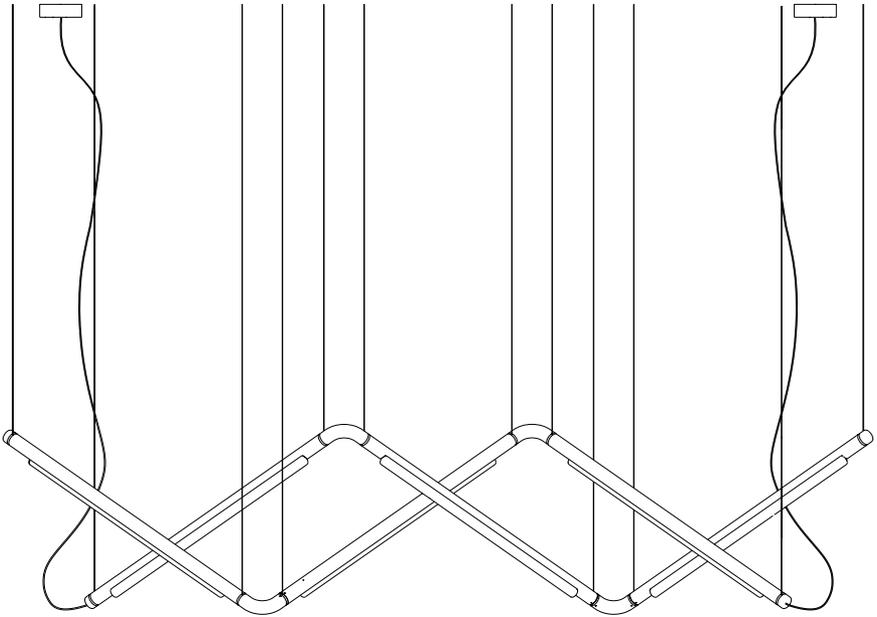
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DESIGNER  
**CAINE HEINTZMAN**

INSTRUCTIONS



SCAN HERE



**NORTH AMERICA**



[a-n-d.com](http://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.

It is recommended that two people install the Pipeline Pendant; one to gently support the luminaire while the other makes the electrical and mechanical connections to the ceiling.

For questions regarding installation, please email [info@A-N-D.com](mailto:info@A-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 soft lint-free cloth or an unscented magic eraser pad.

For replacement parts contact A-N-D directly.



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## WARNING

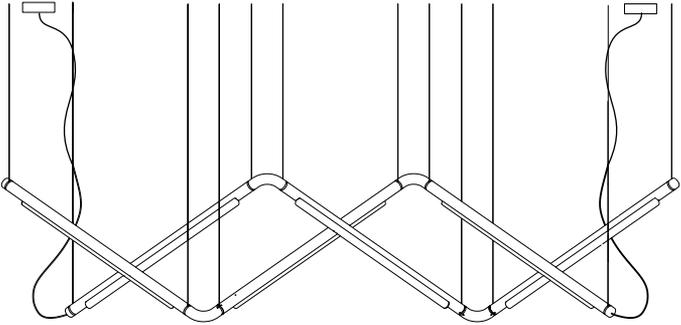
The luminaire must be installed by a qualified electrician in a dry indoor location.

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.

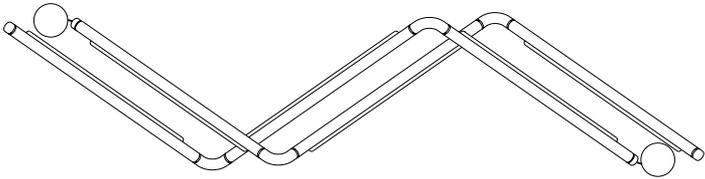
# PIPELINE DIMENSIONS



## PIPELINE CM9

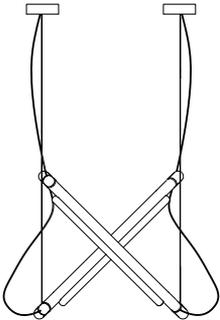


328cm [129"]



297cm [117"]

71cm  
28"

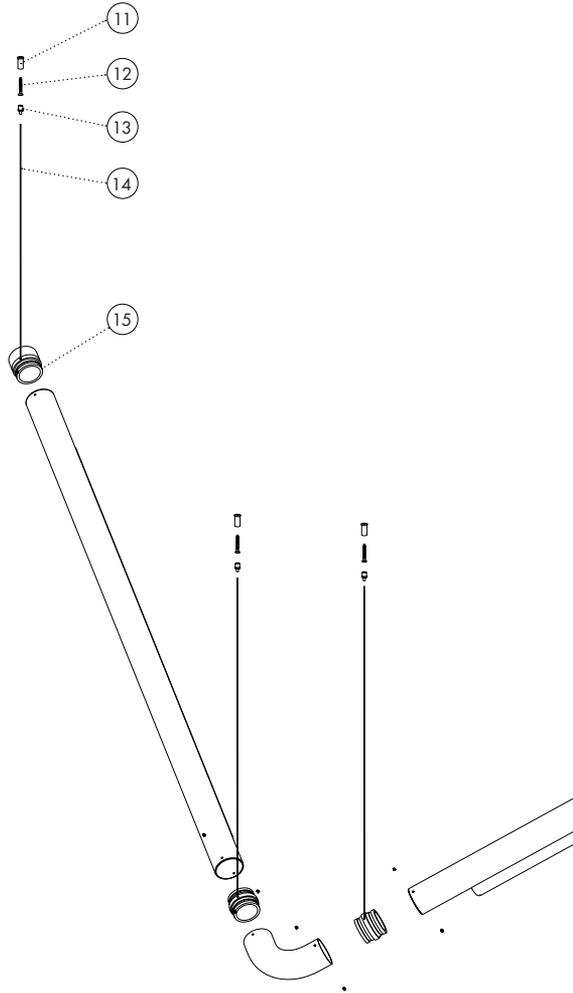


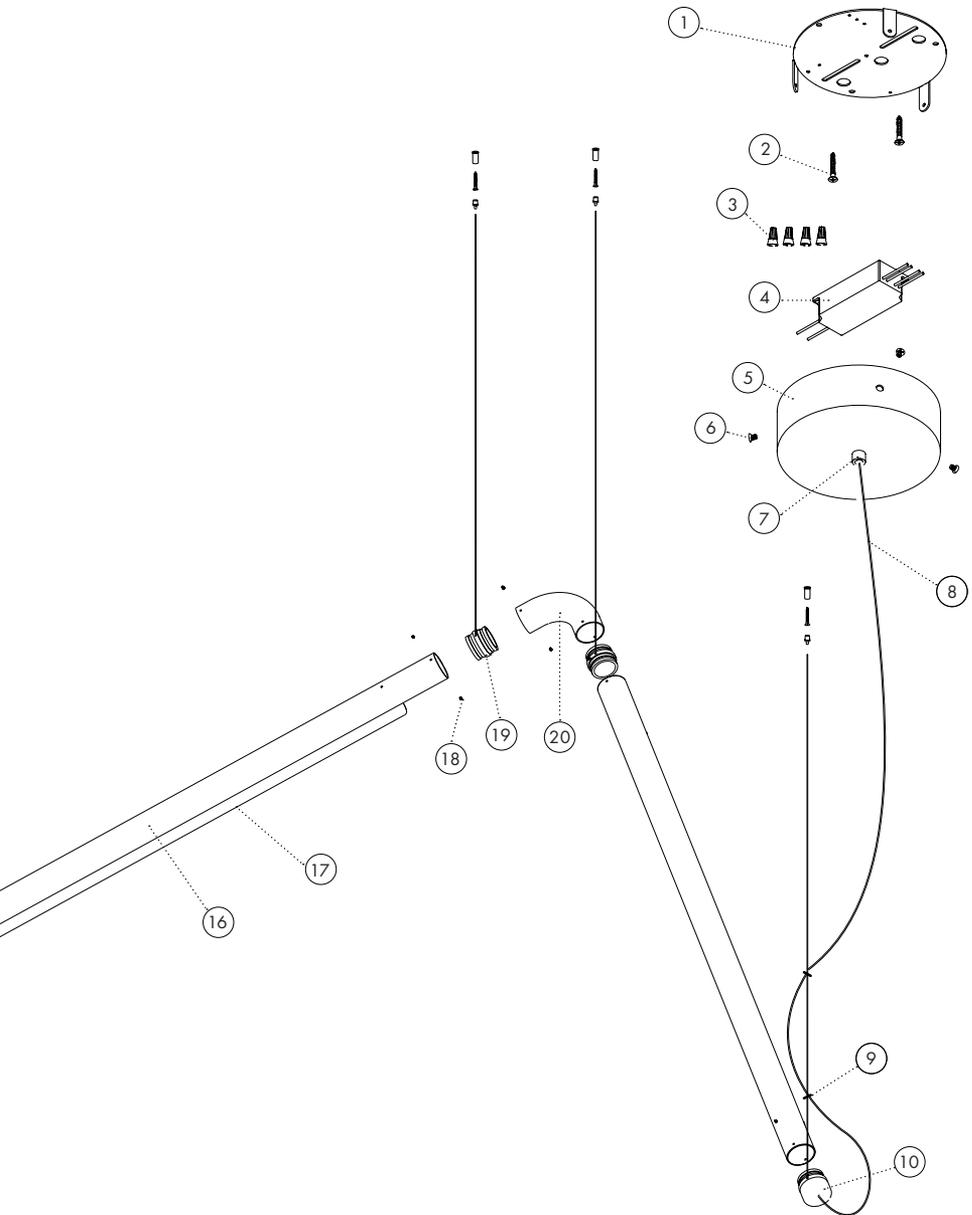
71cm  
28"

71cm  
28"

# COMPONENTS

- ① BACKPLATE (2)
- ② #8-32 SCREW (4)
- ③ WIRE NUT (8)
- ④ LED DRIVER (2)
- ⑤ CANOPY (2)
- ⑥ CANOPY SCREW (6)
- ⑦ STRAIN RELIEF (2)
- ⑧ ELECTRICAL CORD (2)
- ⑨ O-RING (8)
- ⑩ POWERCAP ASSEMBLY (2)
- ⑪ CEILING ANCHOR (12)
- ⑫ #6 SCREW (12)
- ⑬ CABLE GRIPPER (12)
- ⑭ SUSPENSION CABLE (12)
- ⑮ ENDCAP ASSEMBLY (2)
- ⑯ LUMINAIRE (6)
- ⑰ ACRYLIC DIFFUSER (6)
- ⑱ SETSCREW (12)
- ⑲ CONNECTOR (8)
- ⑳ ELBOW (4)





\*PARTIAL CM9 MODEL SHOWN

# LED DRIVER OPTIONS

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

Use the ordering code to determine the driver selected:

ie. PIP-CM9-P-BK-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



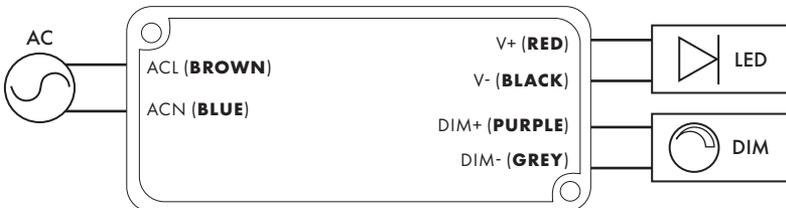
## 0-10 + PWM DIMMING (010)

Q68-P SERIES - ES POWER

**INPUT:** 110-277VAC

**OUTPUT:** 24VDC, 68W

**L x W x H:** 140 x 49 x 32



# 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 luminaire's drop height.

### **! Caution!**

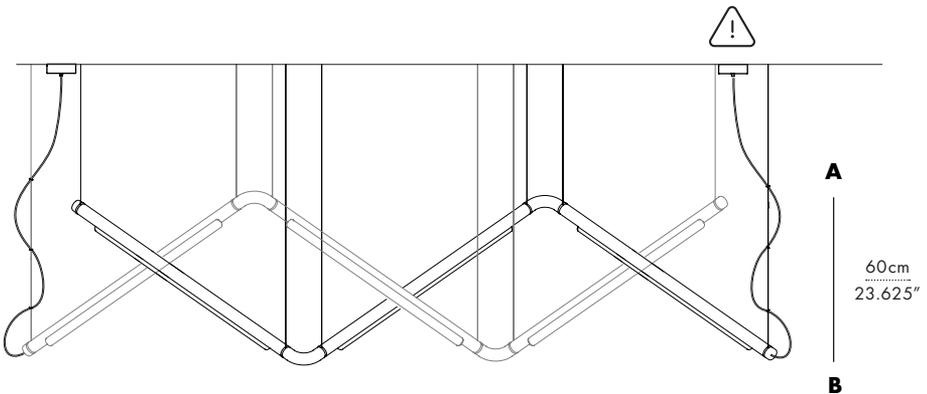
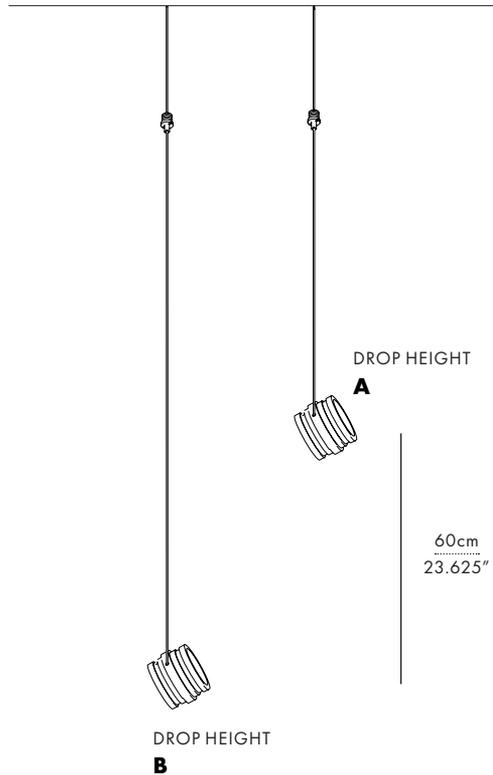
Do not trim cables until installation is complete. This allows for any required adjustments.

### **Electrical cord length:**

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

### **! Caution!**

The electrical cord must not bear any weight.



The CM9 has two drop heights to calculate high and low.  
The difference in height between the two drop heights is 60cm/23.625".  
The two heights are labelled **A** and **B**.

# INSTALLATION

## STEP 2

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

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

There are 12 anchors total. The anchors are placed in two parallel lines of 6 anchors.

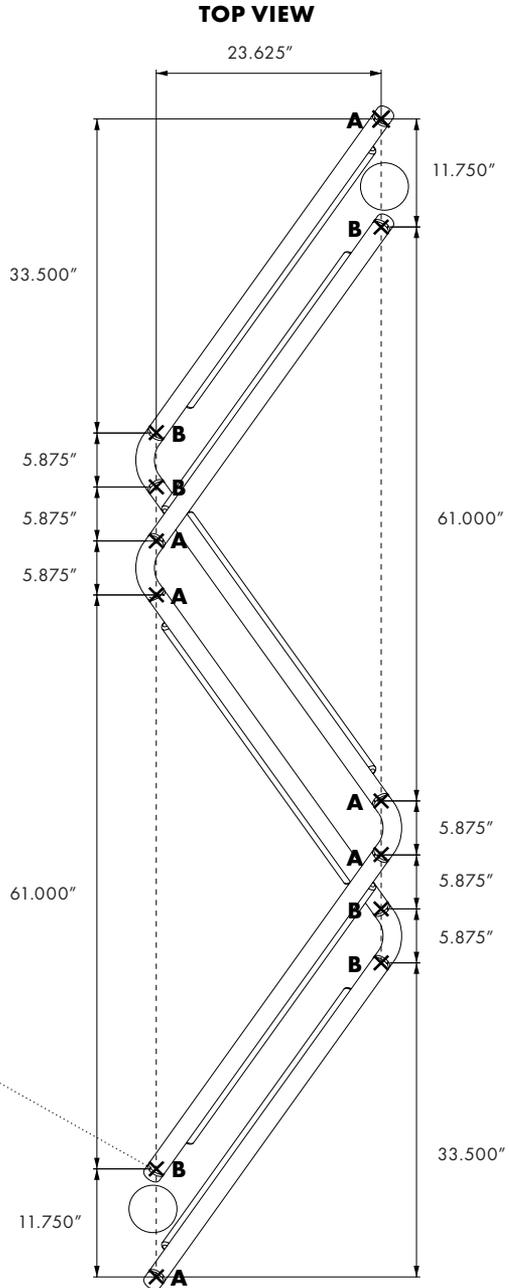
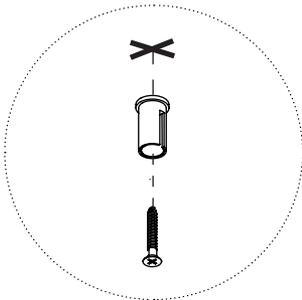
See the spacing on the diagram for details.

✕ = ANCHOR POINTS

## STEP 3

### Install the suspension cable anchors on ceiling.

Use the provided #6 screws.



## STEP 4

### Hang the suspension cables and connectors.

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

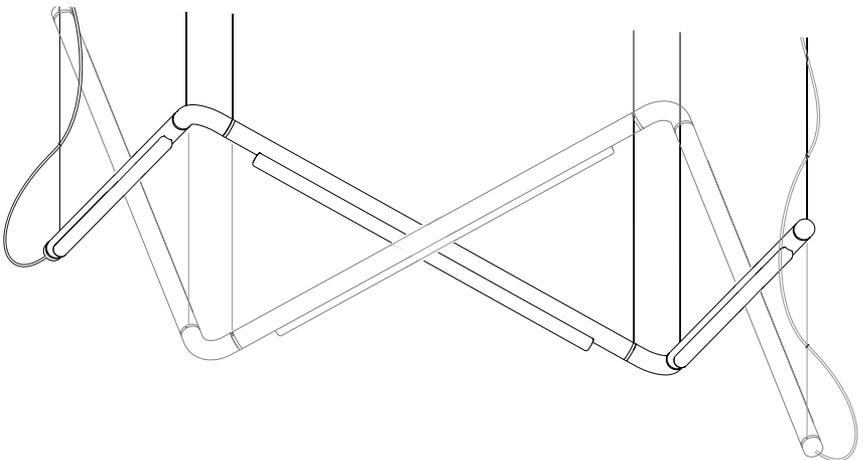
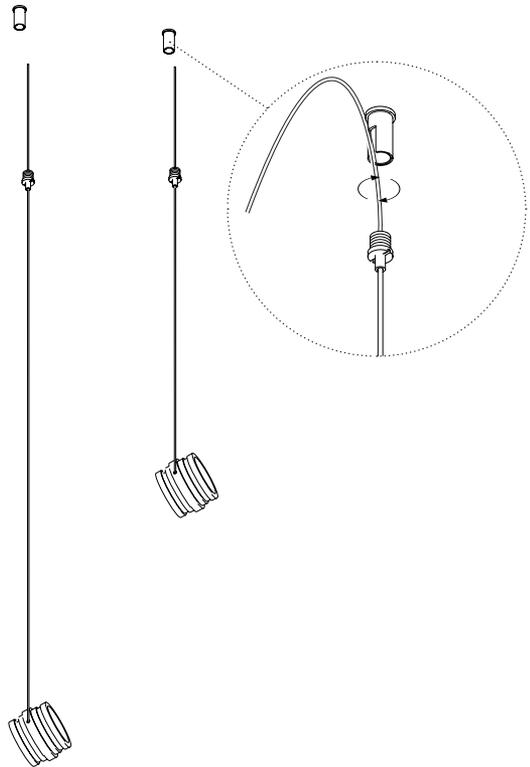
Align the suspension cable so that it exits the slot in the side of the ceiling anchor.

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.

### NOTE:

#### Intertwine the two luminaires.

Before hanging and connecting the luminaires together, take note of the arrangement.



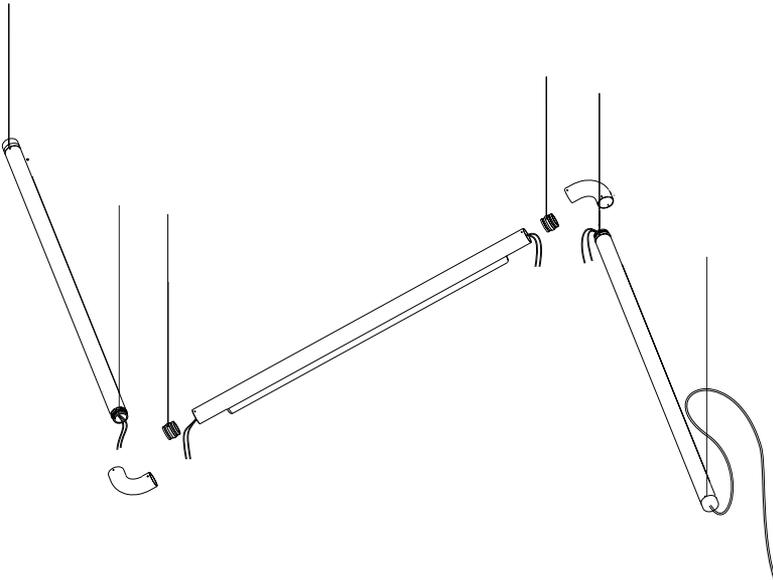
# INSTALLATION

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## STEP 5

### Suspend the luminaire.

Attach one section at a time.  
Connect the elbows last.



## 5A

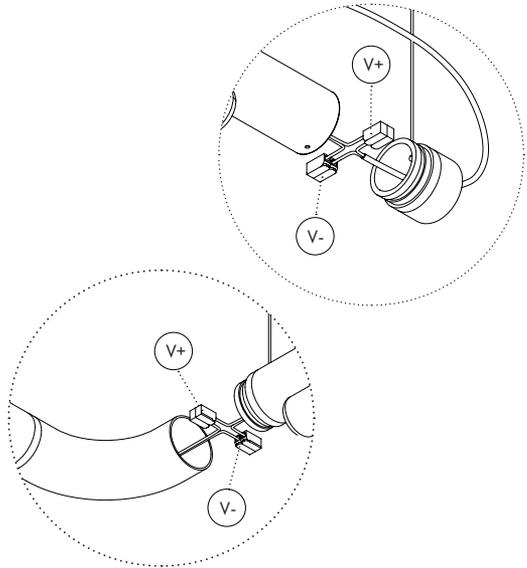
### Connect the internal electrical wires:

**Red wire to red wire** (V+)

**Black wire to black wire** (V-)

Use the electrical cord extension to connect through the elbows.

Push the electrical wires and connectors inside the luminaire.



## 5B

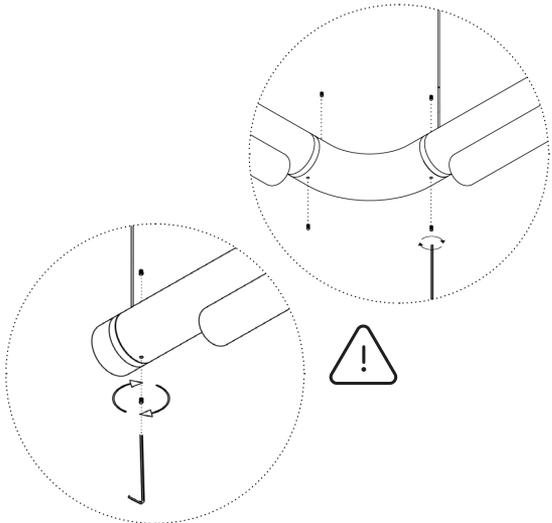
### Connect and close the luminaire sections.

Use the provided set screws and hex key.

Tighten the set screws until the sections are aligned and secure.

#### **⚠ Caution!**

Overtightening the set screws will cause misalignment and possibly damage the luminaire.



# INSTALLATION

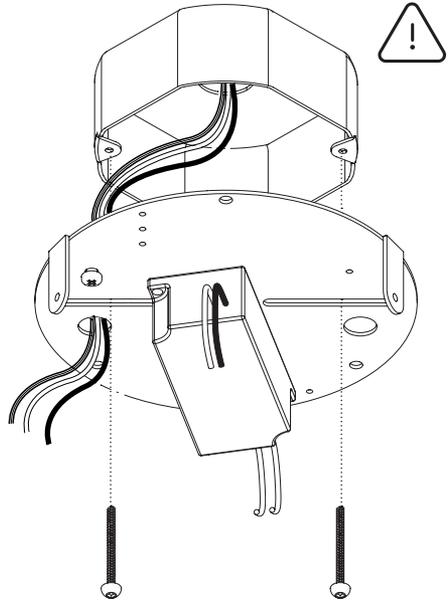
## STEP 6

**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.



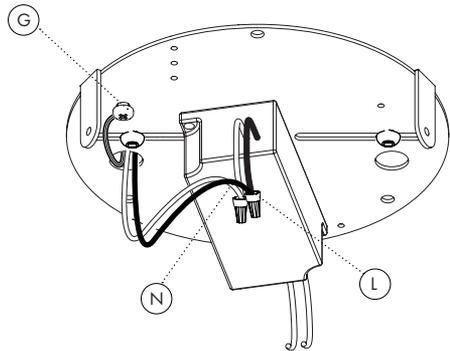
## STEP 7

**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)



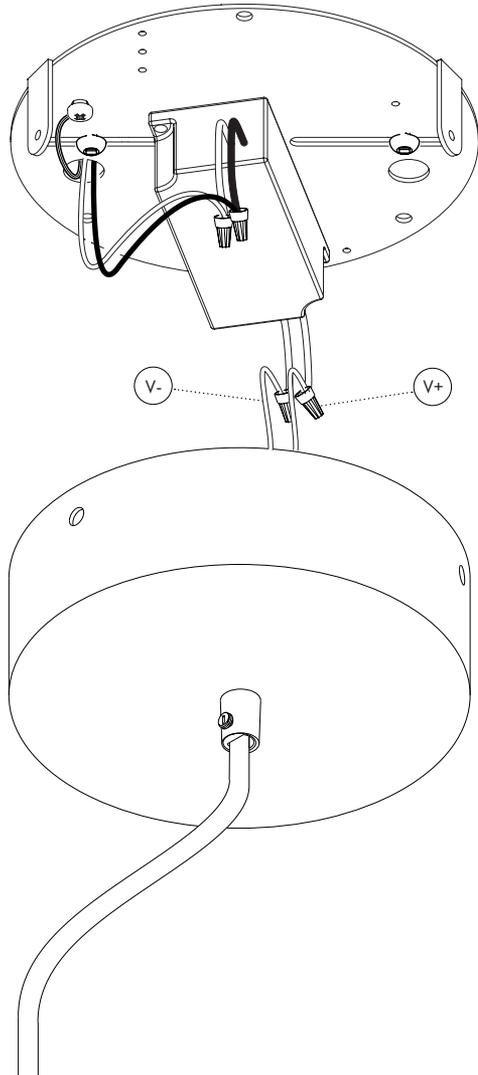
REFER TO PAGE 6: DRIVER OPTIONS FOR MORE DETAILS

**STEP 8**

**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

# INSTALLATION

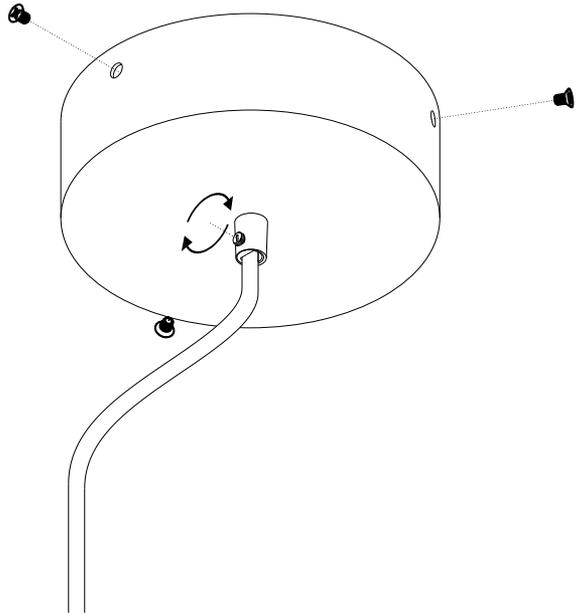
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## STEP 9

### **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.



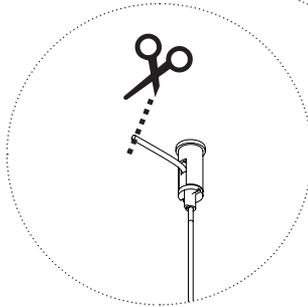
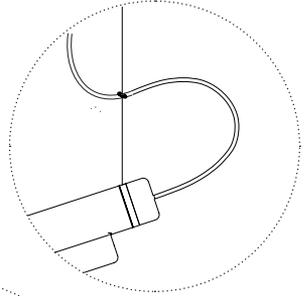
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## STEP 10

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

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

This is a visual element of the Pipeline luminaire.





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For support, please contact:

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