

A—N—D

VALE SERIES VERTICAL – PENDANT

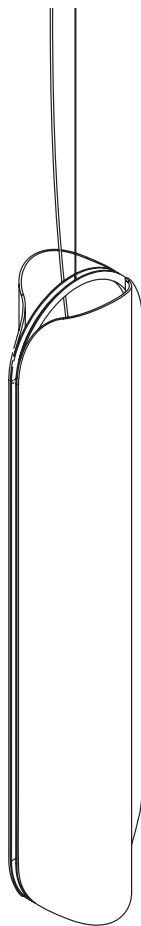
DESIGNER
CAINE HEINTZMAN

INSTRUCTIONS



SCAN HERE

WORLD MARKET



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 two people install the Vale 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**



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 and diluted solution of soap and 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.

LED DRIVER OPTIONS



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

Use the ordering code to determine the selected driver:

ie. VAL-1-P-V-EE-CLR-ANT-27-010-230

DIMMING --- INPUT VOLTAGE

PHASE CUT DIMMING (PC)

M28 SERIES - ES POWER

INPUT: 230VAC

OUTPUT: 24VDC, 22W

L x W x H: 89 x 42 x 31

M30 SERIES - ES POWER

INPUT: 230VAC

OUTPUT: 24VDC, 40W

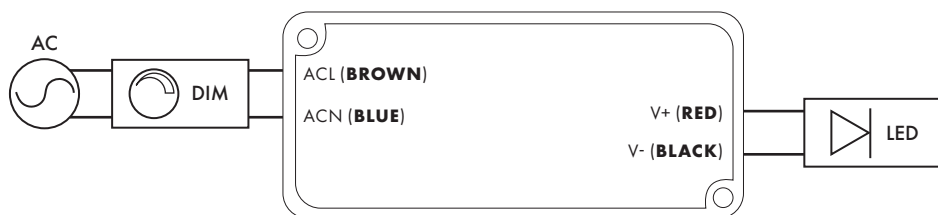
L x W x H: 111 x 44 x 32

M40 SERIES - ES POWER

INPUT: 230VAC

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, 22W

L x W x H: 89 x 44 x 32

Q40-P SERIES - ES POWER

INPUT: 110-277VAC

OUTPUT: 24VDC, 40W

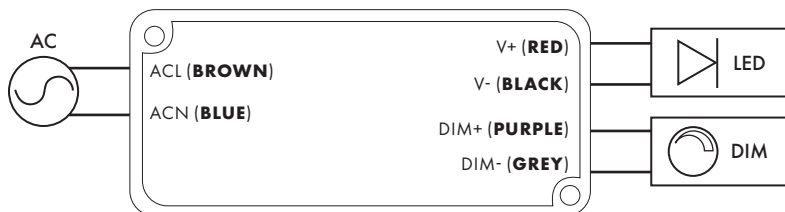
L x W x H: 111 x 44 x 32

Q68-P SERIES - ES POWER

INPUT: 110-277VAC

OUTPUT: 24VDC, 68W

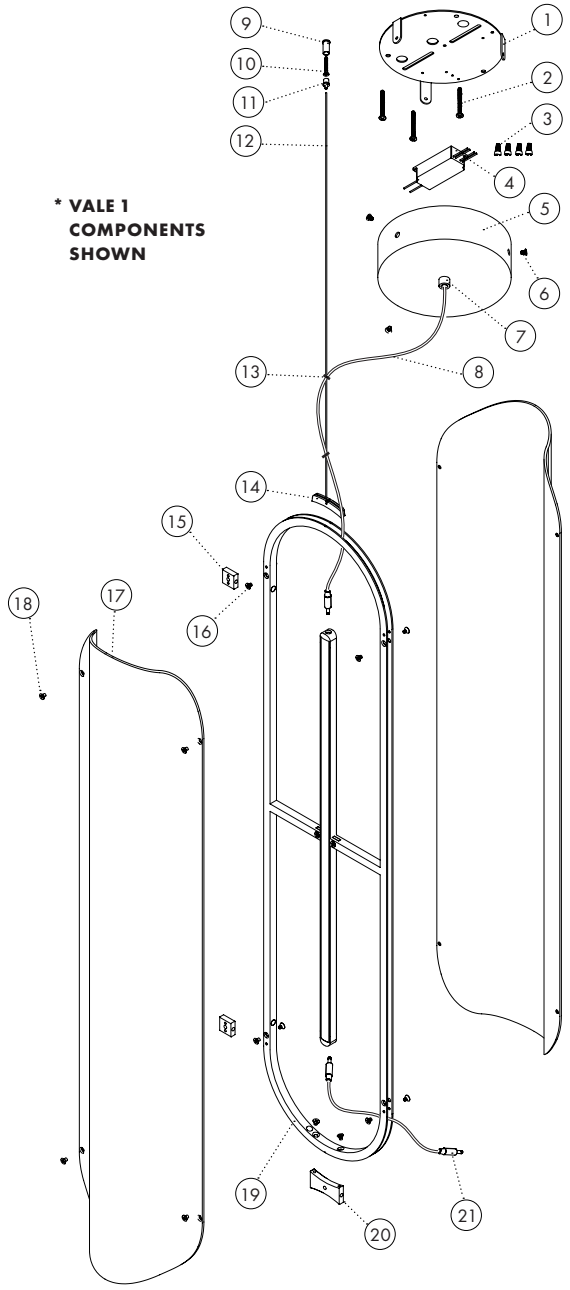
L x W x H: 140 x 49 x 32



COMPONENTS

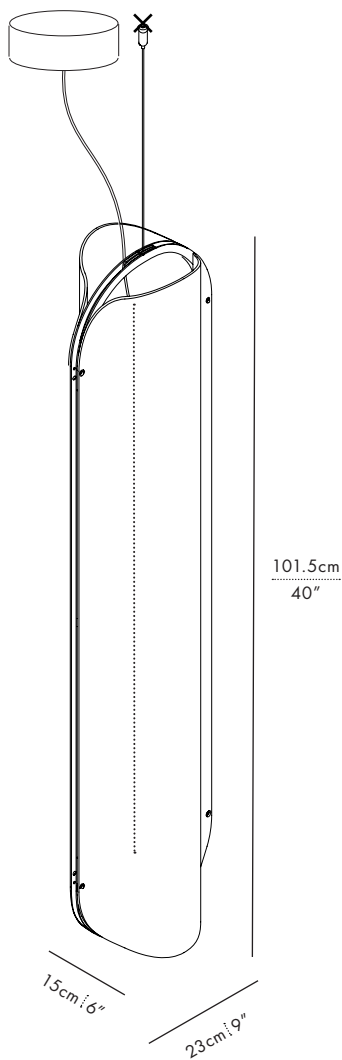
- ① BACKPLATE
- ② #8 SCREW (3)
- ③ WIRE NUT (4)
- ④ LED DRIVER
- ⑤ CANOPY
- ⑥ CANOPY SCREW (3)
- ⑦ STRAIN RELIEF
- ⑧ ELECTRICAL CORD
- ⑨ CEILING ANCHOR
- ⑩ #6 SCREW
- ⑪ CABLE GRIPPER
- ⑫ SUSPENSION CABLE
- ⑬ O-RING (4)
- ⑭ END PUCK (2)
- ⑮ SIDE-TO-SIDE PUCK (2)
- ⑯ PUCK SCREW (10)
- ⑰ LENS (2)
- ⑱ LENS SCREW (8)
- ⑲ FRAME
- ⑳ END-TO-END PUCK
- ㉑ JUMPER CORD

*** VALE 1
COMPONENTS
SHOWN**





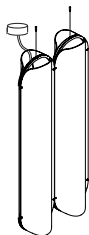
VAL-1-P-V



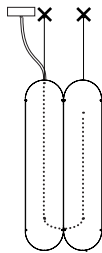
×	ANCHOR POINTS
.....	ELECTRICAL CIRCUIT

VALE DIMENSIONS – SIDE-TO-SIDE

VAL-2-P-V-SS

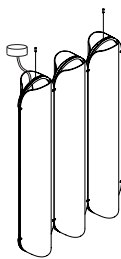


23.2cm
9.1"

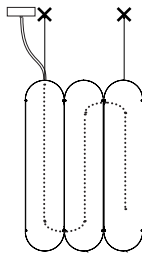


46cm [18.1"]

VAL-3-P-V-SS



46.5cm
18.2"

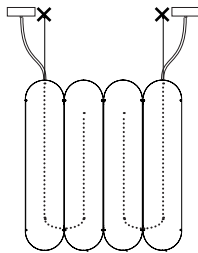


69cm [27.2"]

VAL-4-P-V-SS

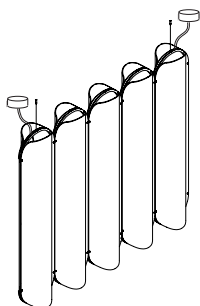


69.5cm
27.4"

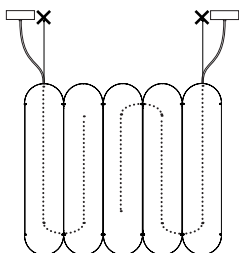


92cm [36.3"]

VAL-5-P-V-SS

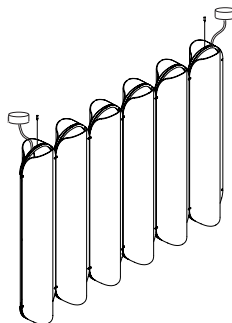


93cm
36.5"

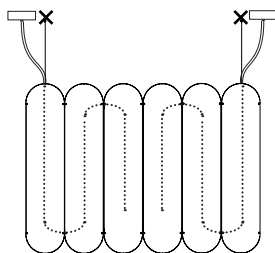


115.5cm | 45.5"

VAL-6-P-V-SS



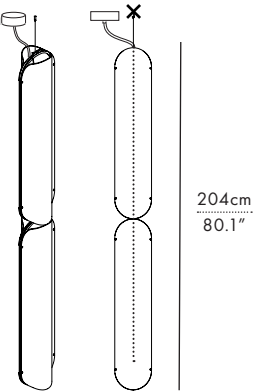
115.5cm
45.5"



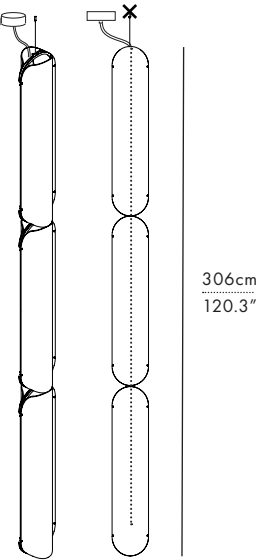
139cm | 54.6"

VALE DIMENSIONS- END-TO-END

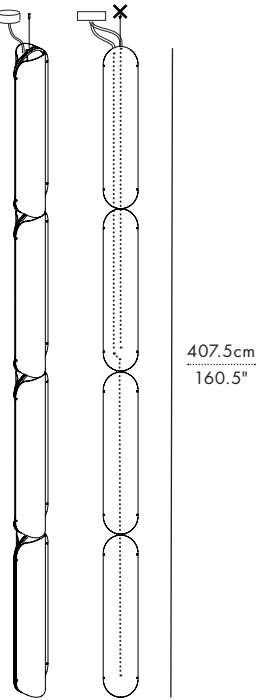
VALE-2-P-V-EE



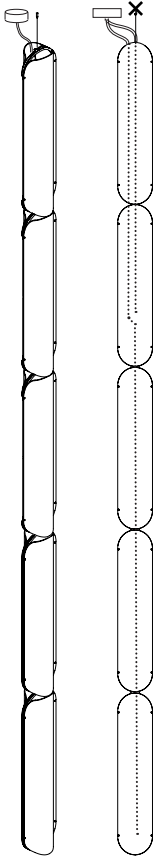
VALE-3-P-V-EE



VALE-4-P-V-EE

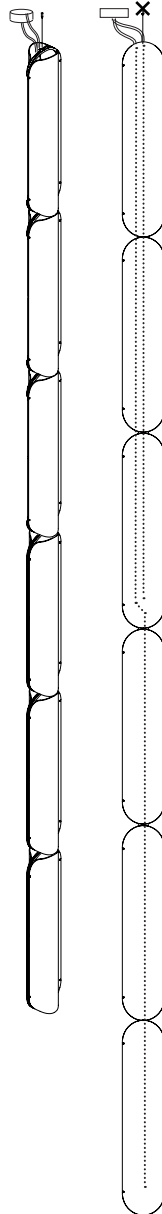


VALE-5-P-V-EE



509.5cm
200.6"

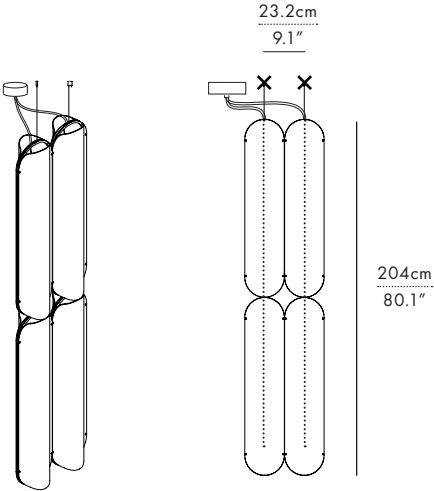
VALE-6-P-V-EE



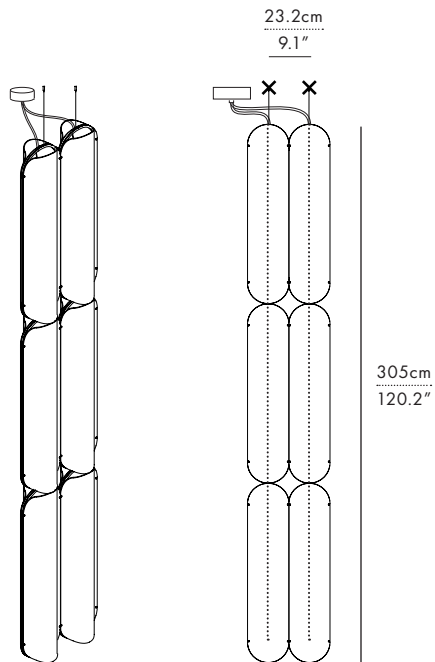
611.5cm
240.8"

VALE DIMENSIONS – SIDE-TO-SIDE + END-TO-END

VAL-4-P-Y-SE



VAL-6-P-Y-SE



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!

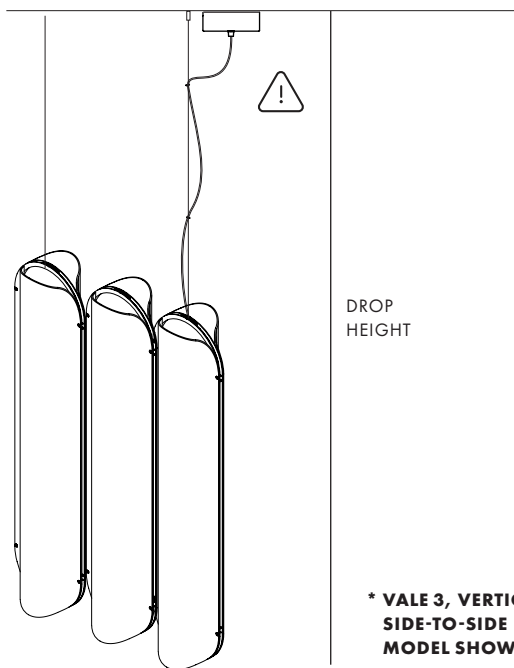
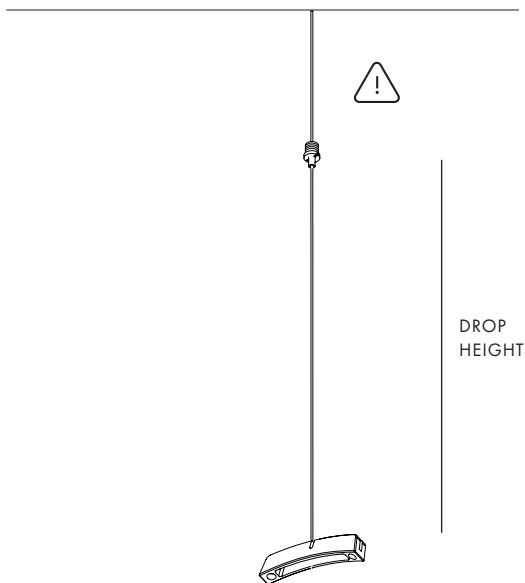
Do not trim cables until installation is complete. This allows for any required adjustments.

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.



*** VALE 3, VERTICAL
SIDE-TO-SIDE
MODEL SHOWN**

INSTALLATION

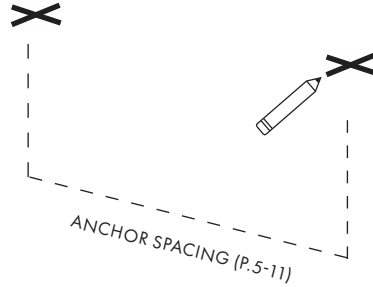


STEP 2

Mark the suspension anchor points on the ceiling.

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

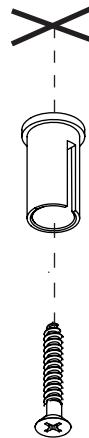
Use the model specific dimensions on pages 5-11 to determine the anchor spacing.



STEP 3

Install the suspension cable anchors on ceiling.

Use the provided #6 screws.



INSTALLATION

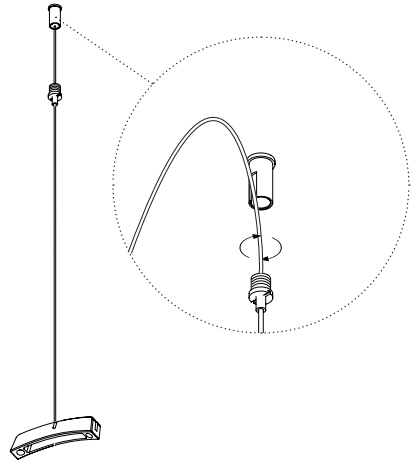
STEP 4

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.

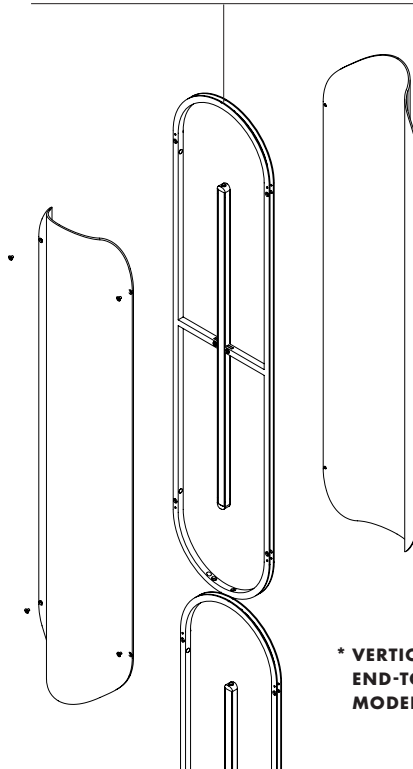


STEP 5

Suspend the luminaire.

If suspending multiples, attach one section at a time.

Connect the lenses last, after the frames have been attached to the pucks.



* VERTICAL
END-TO-END
MODEL SHOWN

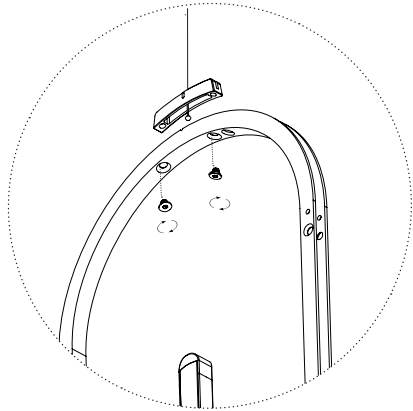
5A

Select the puck and connect the frames.

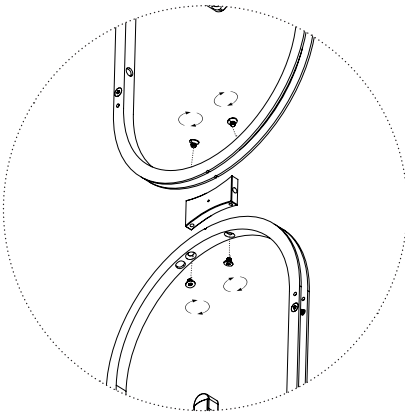
Use one of the provided puck types and frame screws to create the arrangement.

Depending on the quantity and orientation of the luminaire, different pucks are used.

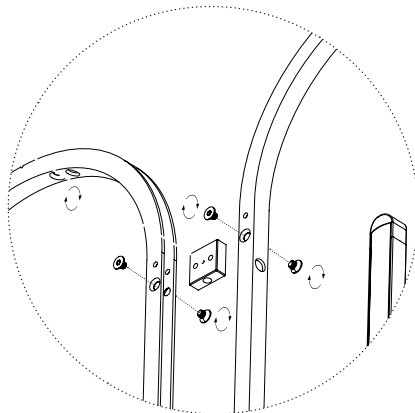
END PUCK



END-TO-END PUCK



SIDE-TO-SIDE PUCK



INSTALLATION

5B

Connect internal electrical wires.

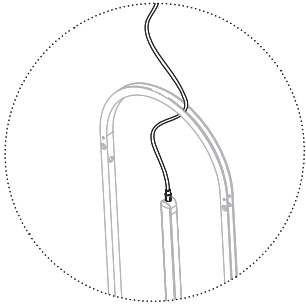
If installing an arrangement with multiple frames, use the jumper cord to connect them.

Caution!

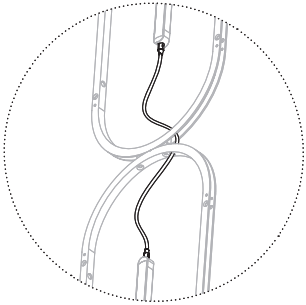
A single LED driver can power a maximum of 3 frames.

For Vale 4, Vale 5, and Vale 6, two LED drivers are required to power the luminaire. There will be two corresponding electrical circuits.

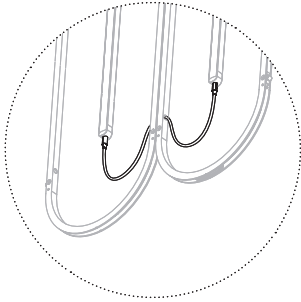
POWER-IN



END-TO-END



SIDE-TO-SIDE



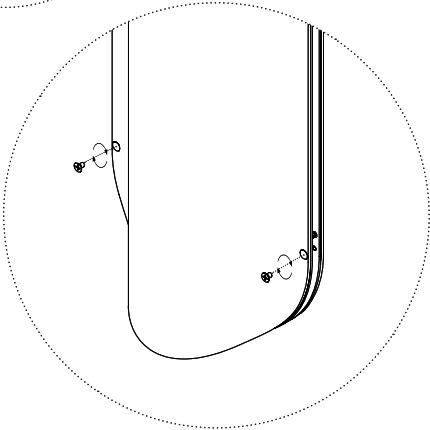
MAX WATTAGE
3 X FRAMES.

5C

Attach lenses.

Use the provided clear lens screws.

Tighten the setscrews until lens is tight to the frame.



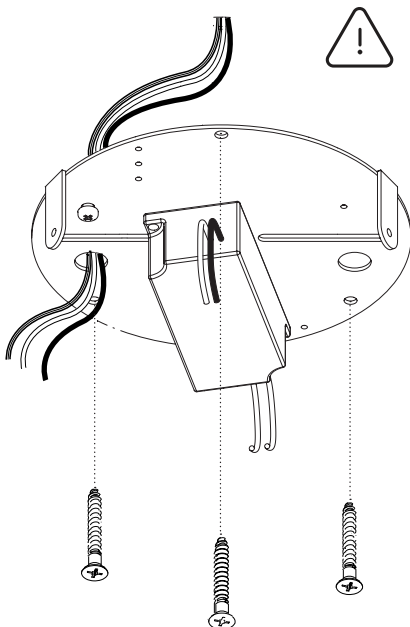
STEP 6

Mount the backplate to the ceiling.

Use the provided #8 screws.
Anchors to be provided by installer.

Caution!

Ensure that the power is disconnected at the breaker.



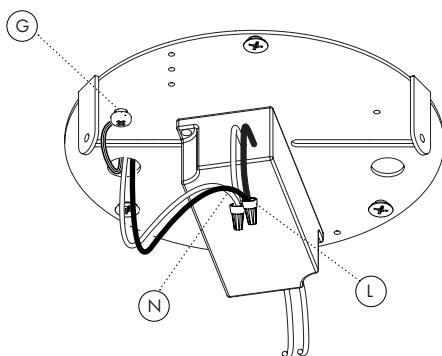
STEP 7

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 3: DRIVER OPTIONS FOR MORE DETAILS

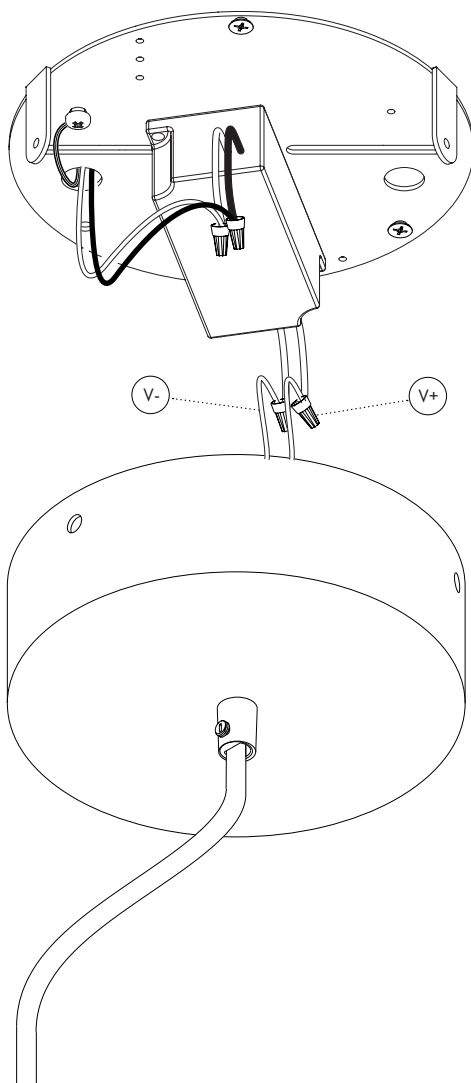
INSTALLATION

STEP 8

Connect the luminaire to secondary circuit on LED driver.

Red Wire = **Positive** (V+)

Black Wire = **Negative** (V-)



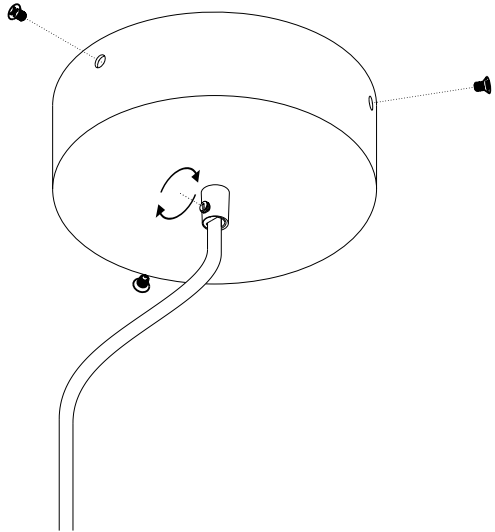
REFER TO PAGE 3: DRIVER OPTIONS FOR MORE DETAILS

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.

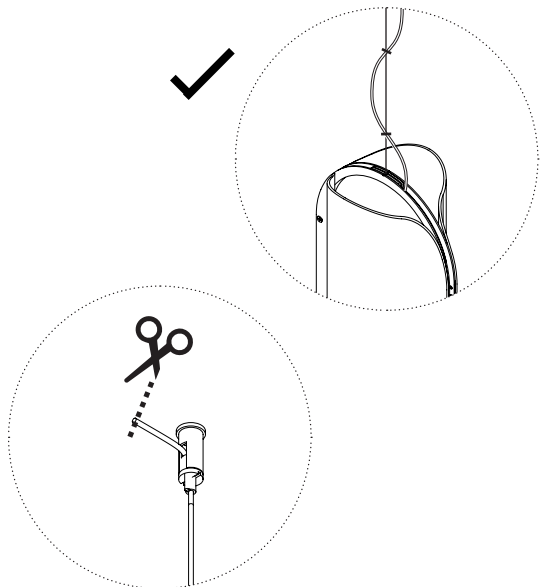


STEP 10

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

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

This is a visual element of the Vale luminaire.



A—N—D

For support, please contact:

info@a-n-d.com

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