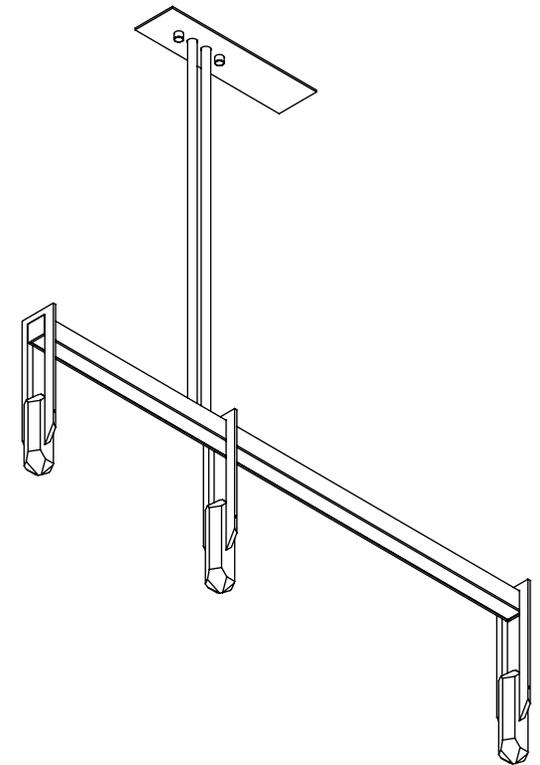
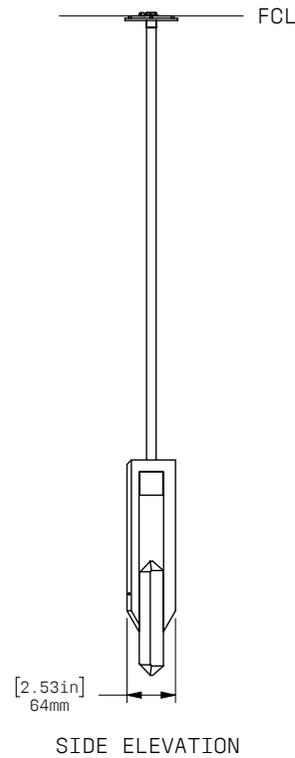
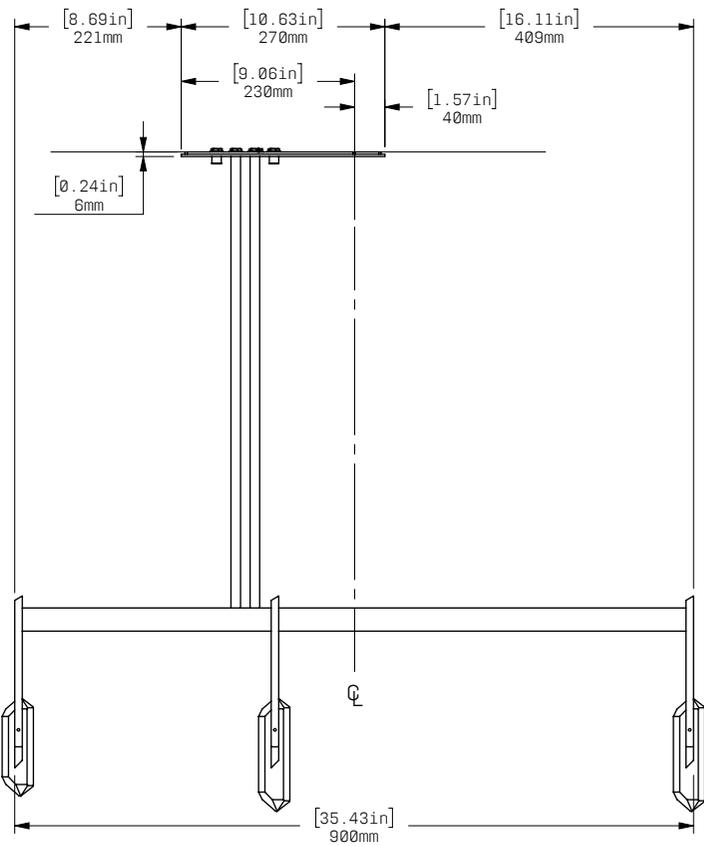
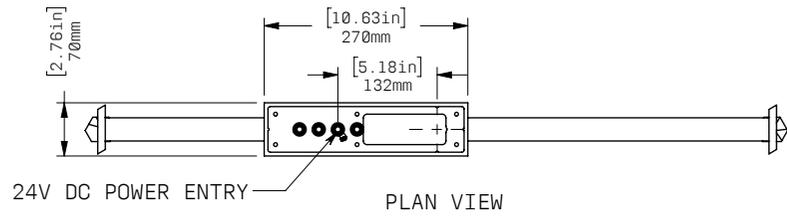
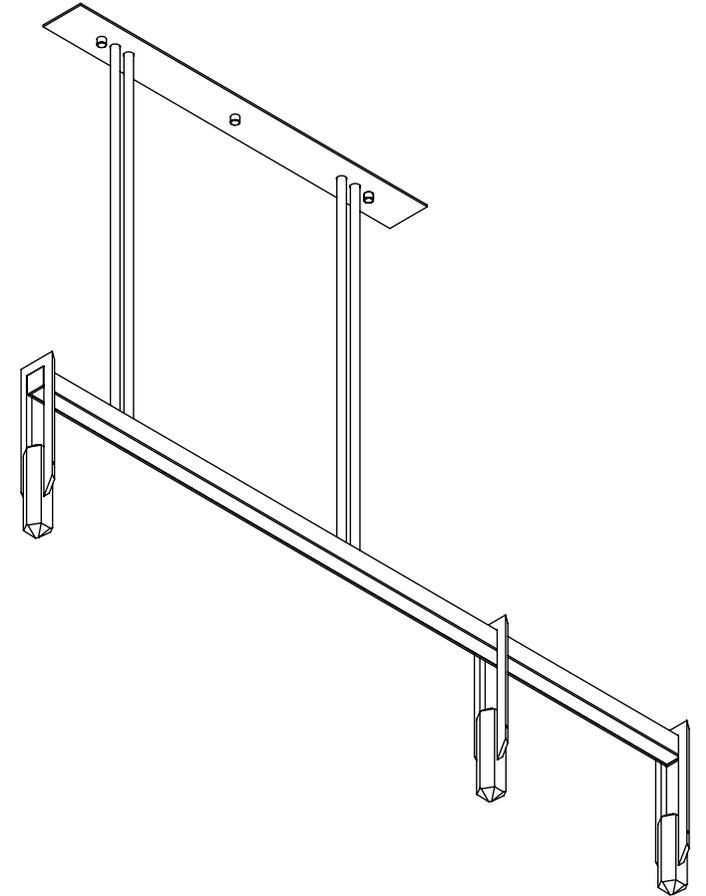
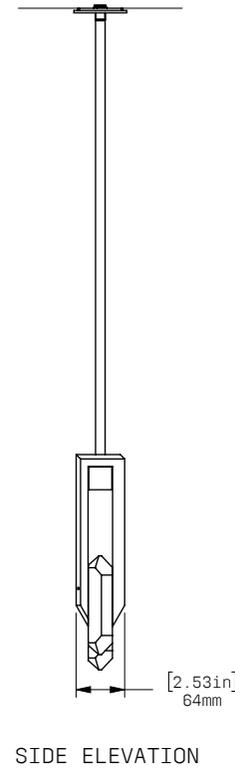
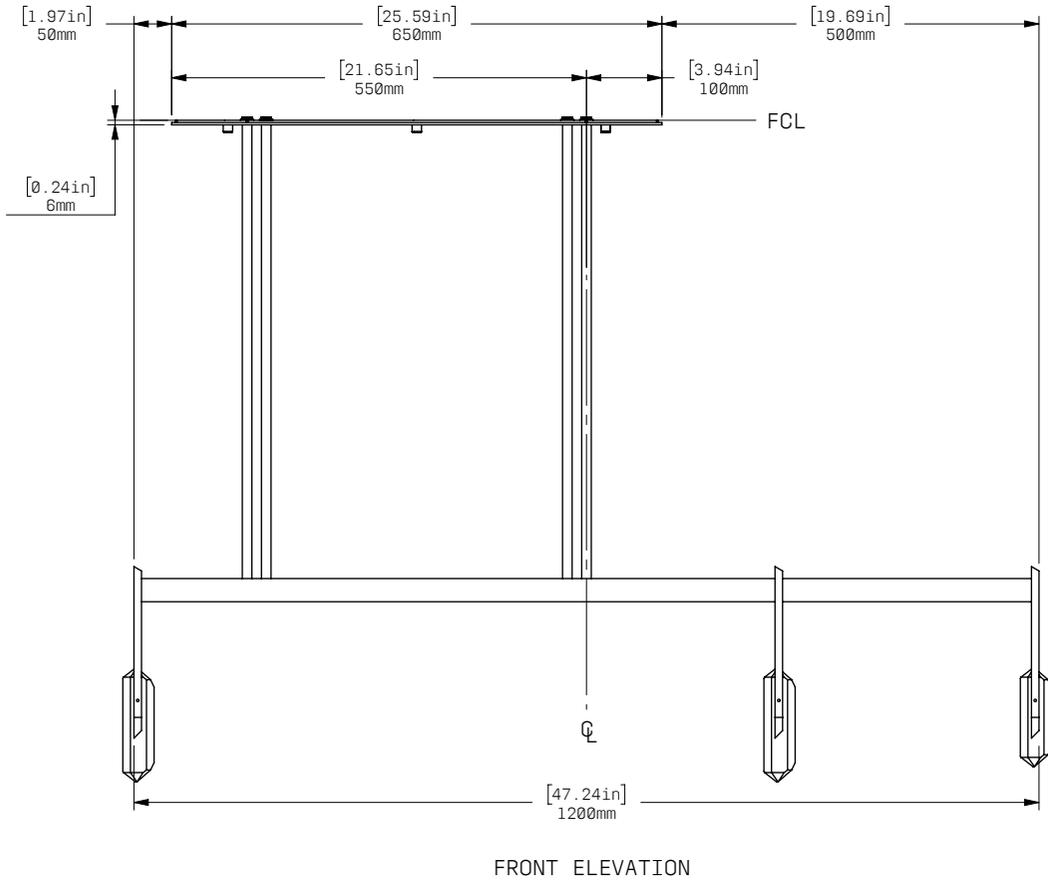
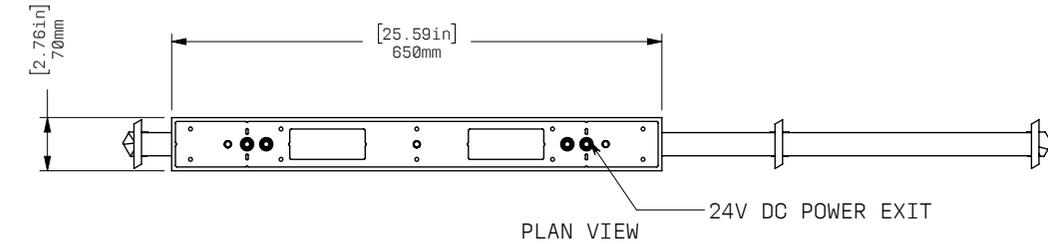


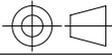
ABACUS 900



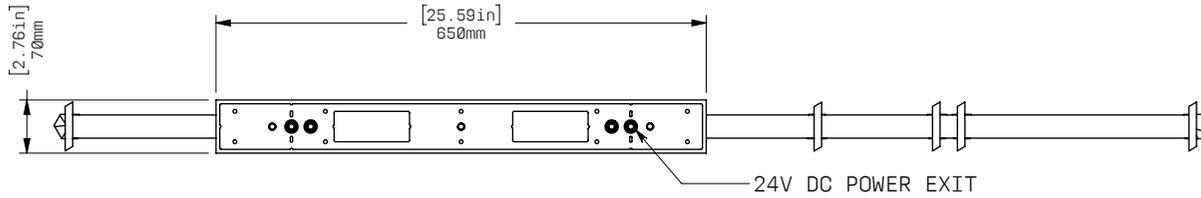
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DIMENSIONS IN MM UNLESS OTHERWISE SPECIFIED			
<small> © THIS DRAWING DOCUMENT IS THE PROPERTY OF CHRISTOPHER BOOTS. IT MUST NOT BE COPIED, LOANED OR REPRODUCED IN ANY WAY, IN PART OR WHOLE WITHOUT PRIOR WRITTEN CONSENT. 2020 ALL RIGHTS RESERVED. </small>			

ABACUS 1200

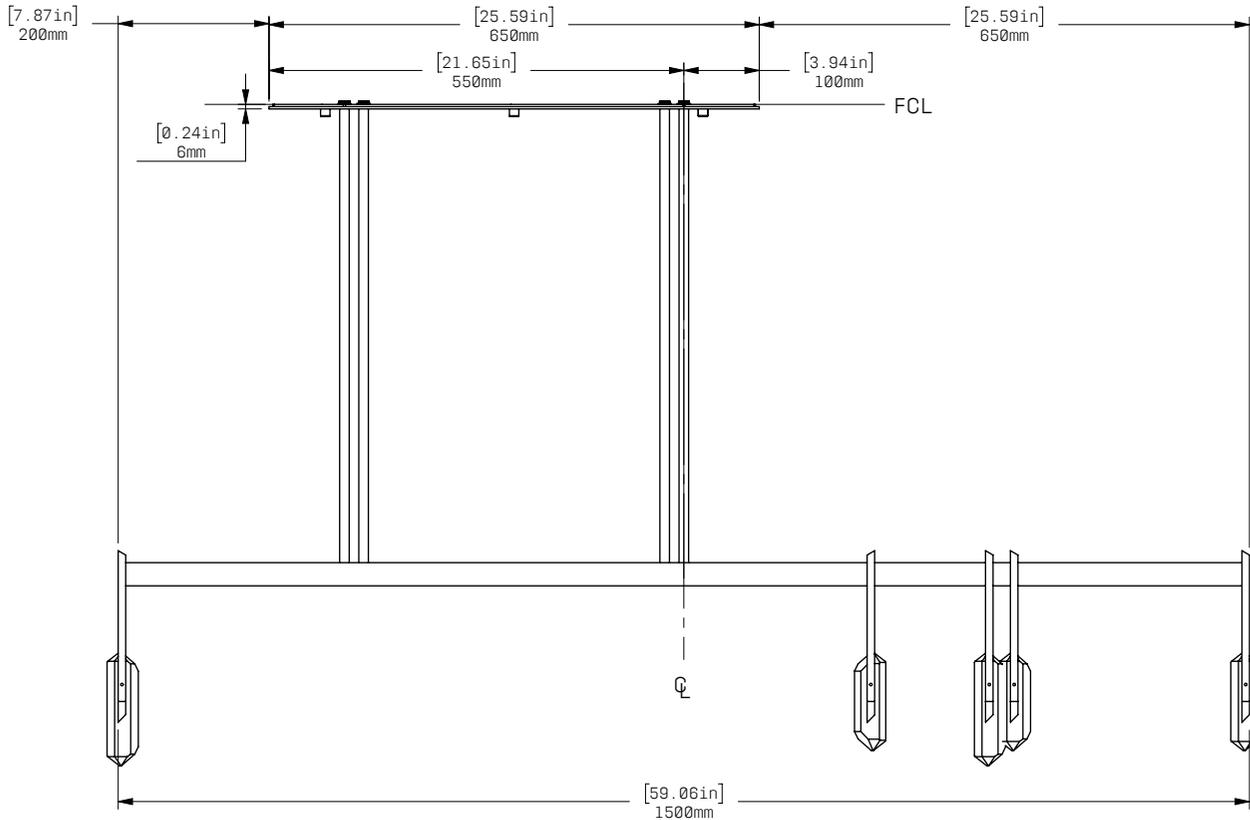


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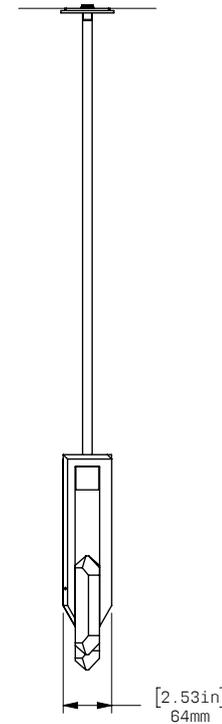
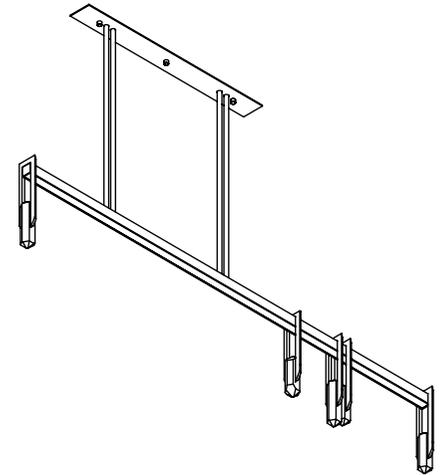
ABACUS 1500



PLAN VIEW



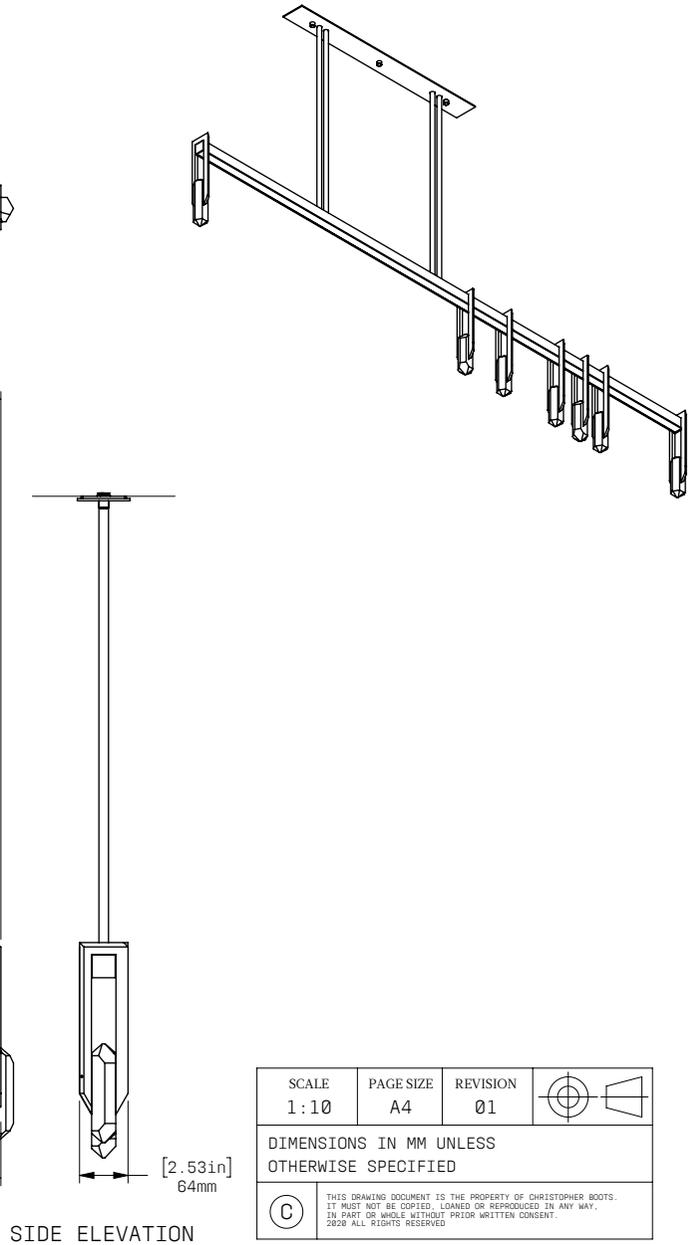
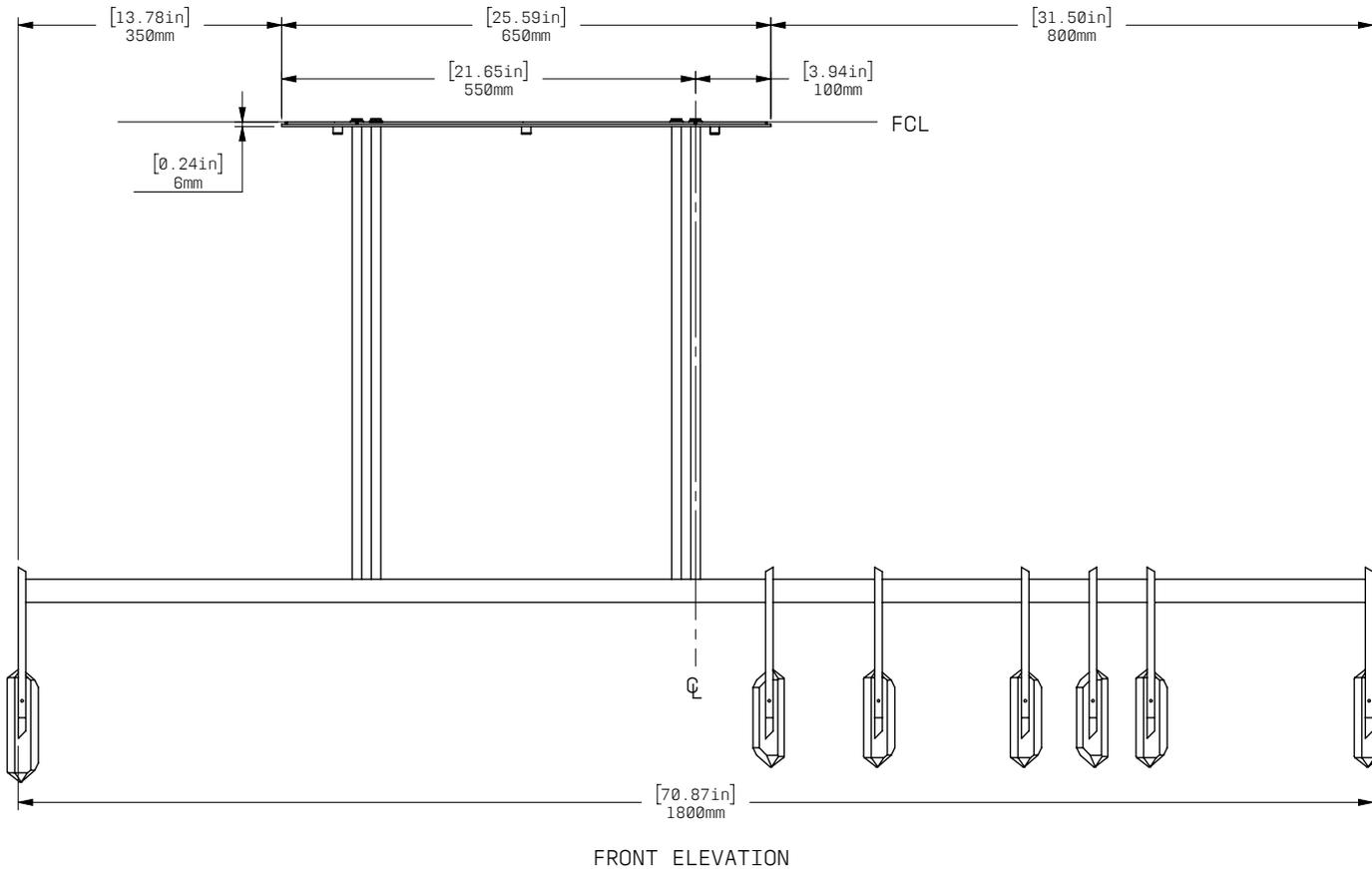
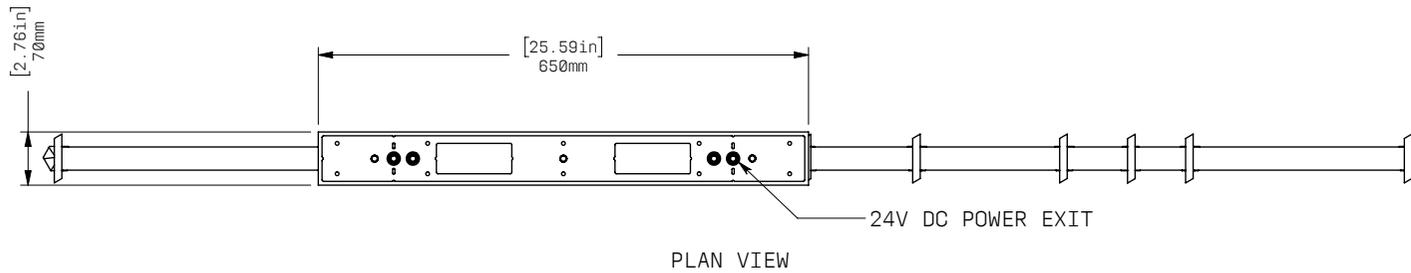
FRONT ELEVATION



SIDE ELEVATION

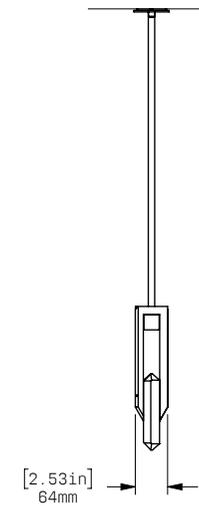
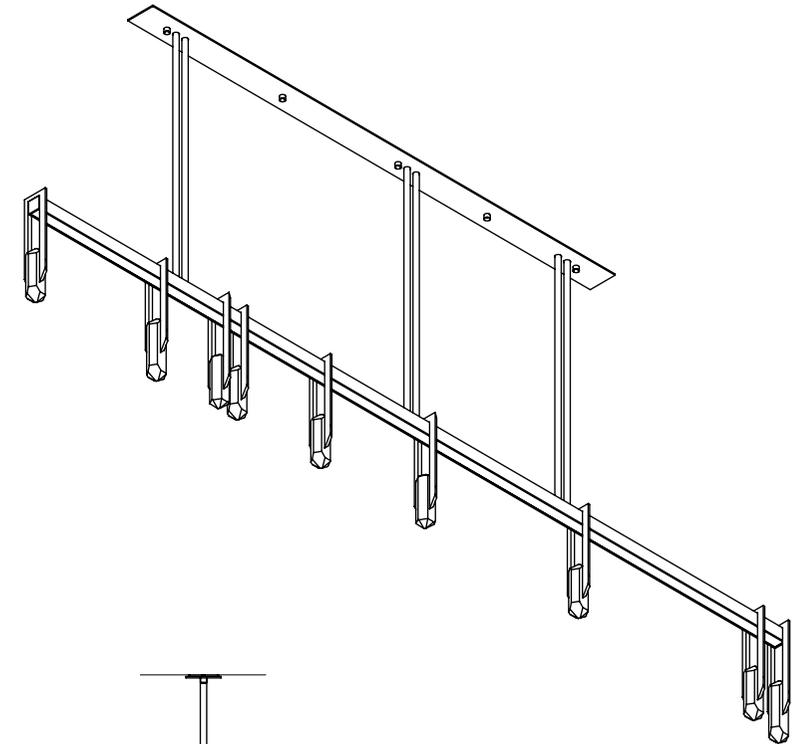
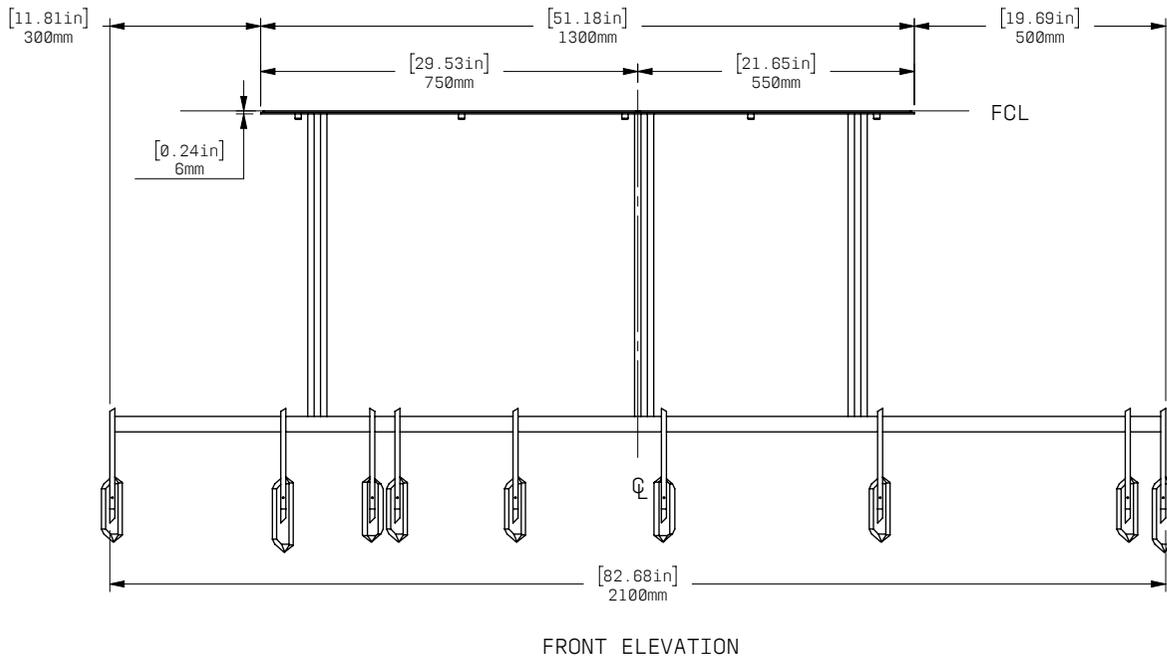
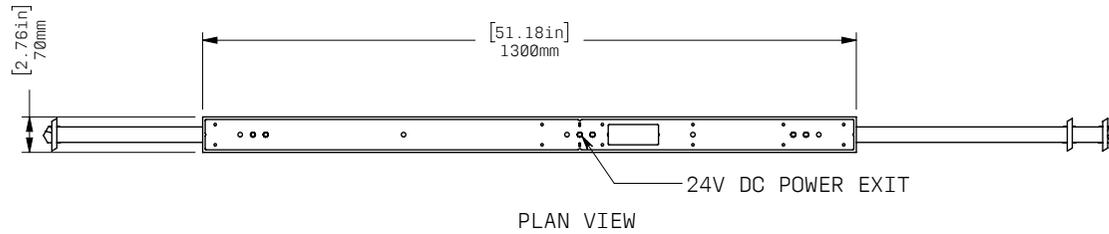
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ABACUS 1800



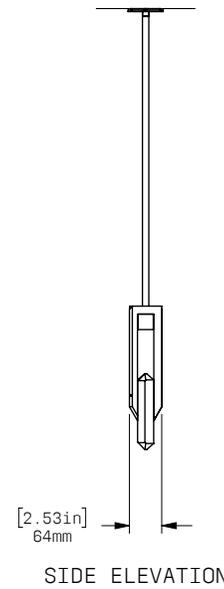
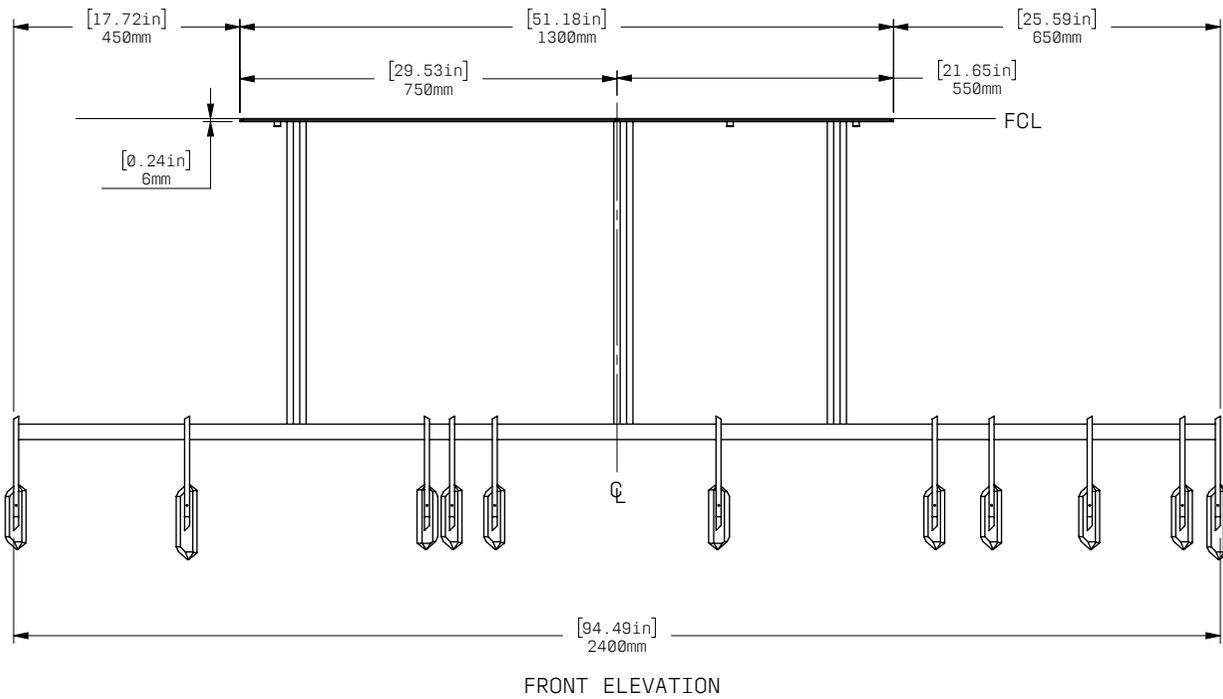
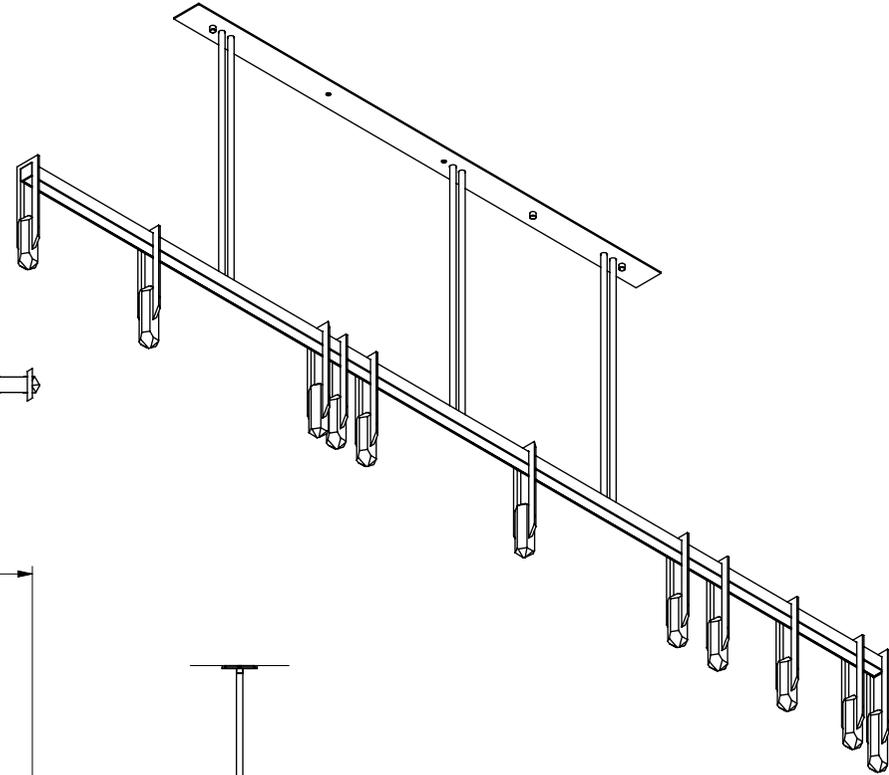
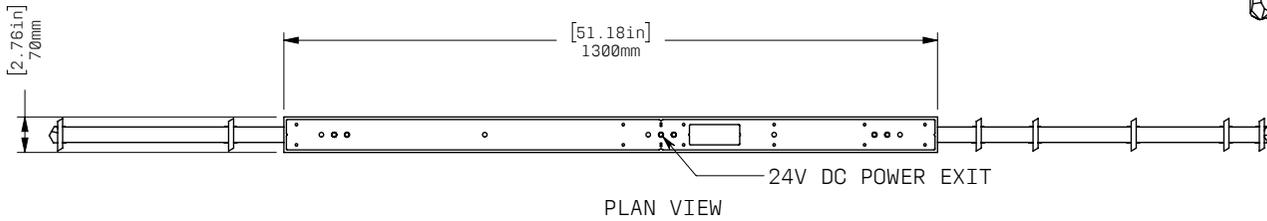
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DIMENSIONS IN MM UNLESS OTHERWISE SPECIFIED			
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ABACUS 2100



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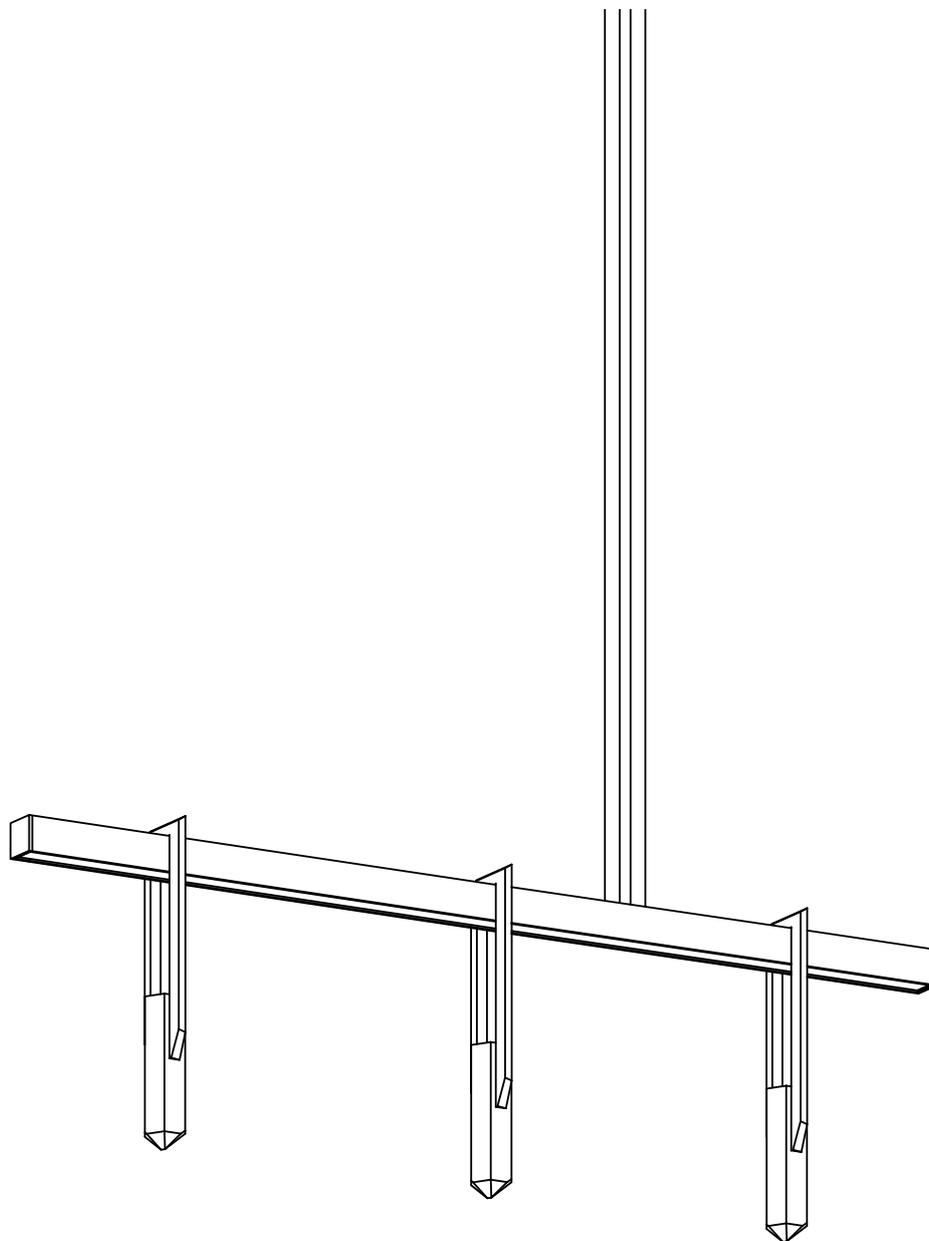
ABACUS 2400



SCALE 1:15	PAGE SIZE A4	REVISION 01	
DIMENSIONS IN MM UNLESS OTHERWISE SPECIFIED			
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ABACUS FLUSH SMALL CANOPY

LFS.ABA - ABA.900



WARNING

ALL ELECTRICAL CONNECTIONS MUST BE MADE BY A QUALIFIED ELECTRICIAN IN ACCORDANCE WITH THE REGULATIONS AND CODES GOVERNING THE AREA FOR WHICH THE CHRISTOPHER BOOTS FIXTURE IS INTENDED TO BE INSTALLED. FAILURE TO DO SO MAY RESULT IN SERIOUS HARM OR DAMAGE TO PROPERTY AND LIFE, AT THE OWNER'S LIABILITY AND EXPENSE. CHRISTOPHER BOOTS WILL NOT BE HELD LIABLE FOR ANY DAMAGE CAUSED FROM INSTALLATION.





WARNING: SHOCK HAZARD

May result in serious injury or death.
ENSURE POWER IS OFF before commencing any work.



WARNING: ELECTRICAL

ALL ELECTRICAL connections must be made by a qualified electrician in accordance with the regulations and codes governing the area for which the CHRISTOPHER BOOTS Fixture is intended to be installed in. Failure to do so may result in serious harm or damage to property and life, at the owner's liability and expense.

CHRISTOPHER BOOTS will not be held liable for any damage caused from installation.



WARNING: STRUCTURAL

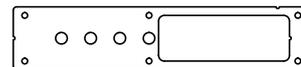
Ensure that the substrate is securely installed and is in accordance with local building regulations. Failure to do so may potentially result in serious harm or damage of property, at the owner's liability and expense.

CHRISTOPHER BOOTS will not be held liable for any damage caused from installation.



Refer to supplied WIRING DIAGRAM.

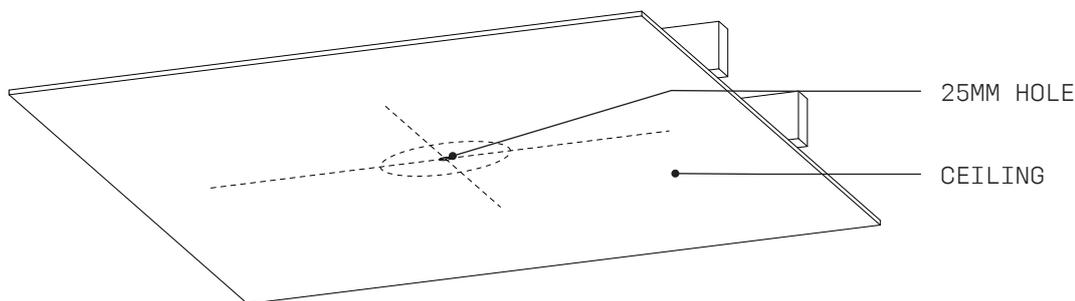
- 1** Wearing gloves, unpack the ABACUS 900 with care ensuring not to scratch the delicate surface.



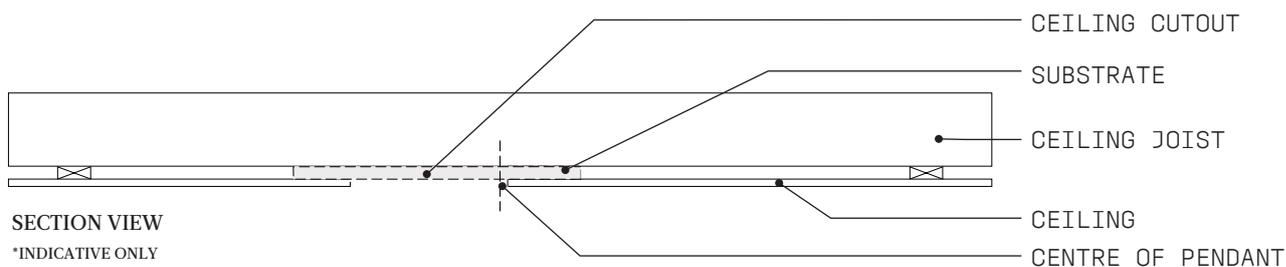
Separate the MOUNTING PLATE from the other components.

- 2** Prepare a Ø25mm hole on the ceiling central to the Pendants final hanging position.

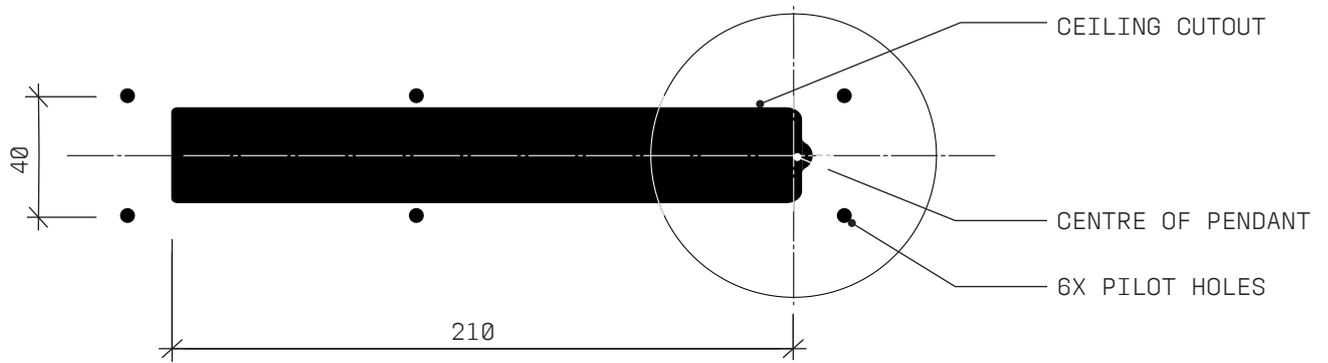
25MM HOLE



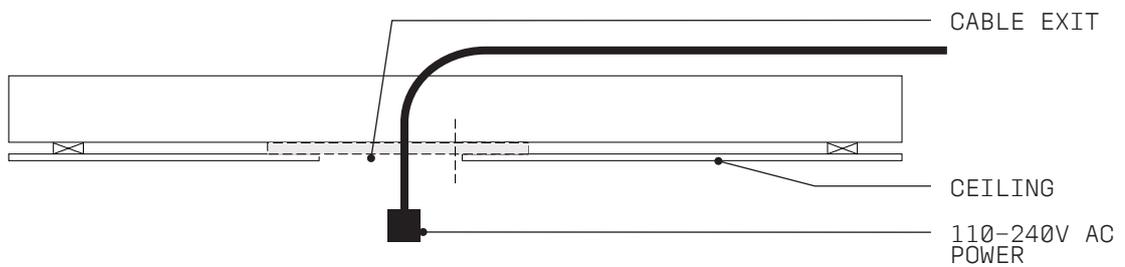
- 3** Installer to provide adequate load-bearing substrate, utilising ceiling joist where additional support is required. For accurate placement of CEILING CUTOUT in the Substrate, use the MOUNTING PLATE as a guide.



DRILLING GUIDE

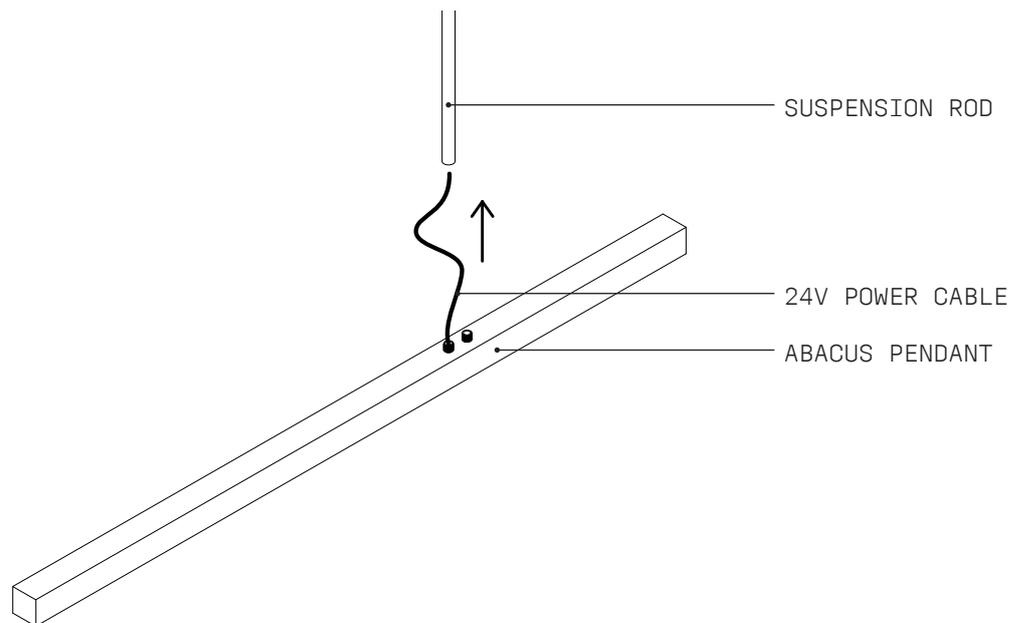


- 4 Prepare the 110-240V AC Power to be connected to the POWER SUPPLY UNIT.

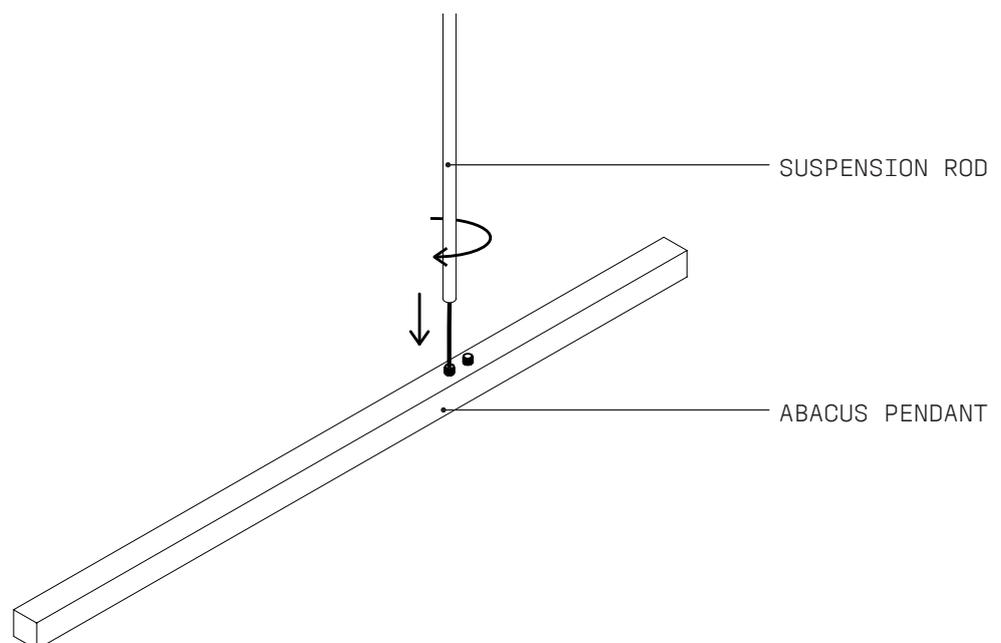


- 5** Wearing gloves, unpackage the ABACUS 900 with care.
— Do not to scratch the delicate surface of the PENDANT.

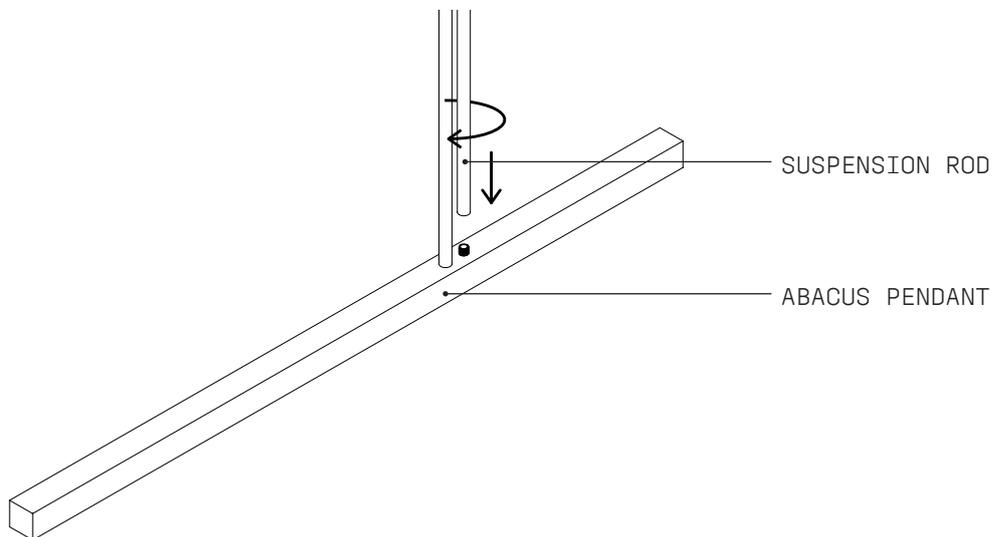
- 6** Begin by passing the 24V POWER CABLE through SUSPENSION ROD.



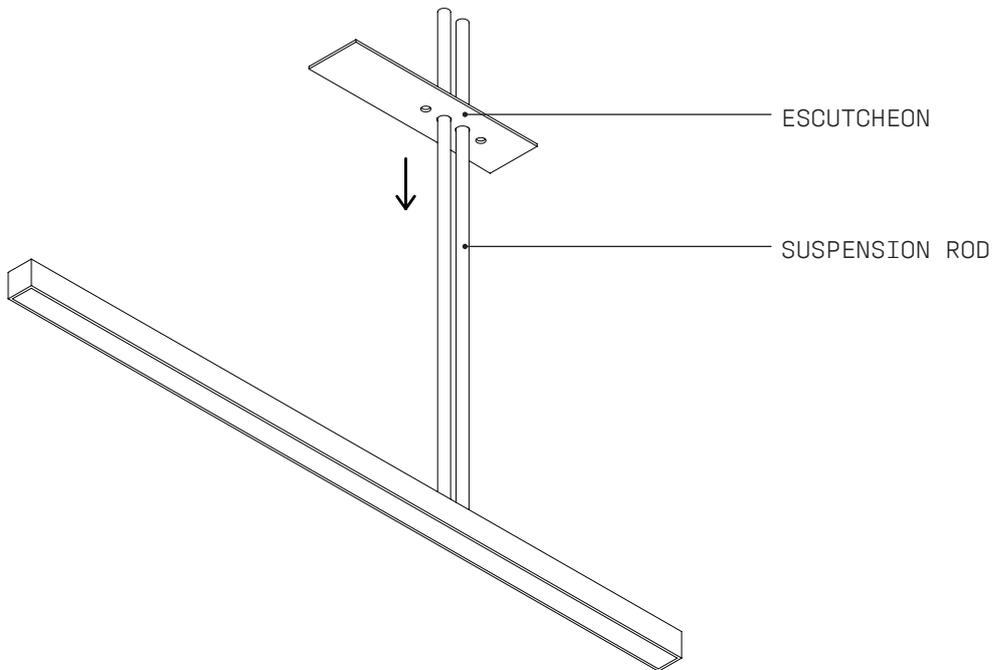
- 7** Tighten SUSPENSION ROD on the ABACUS PENDANT.



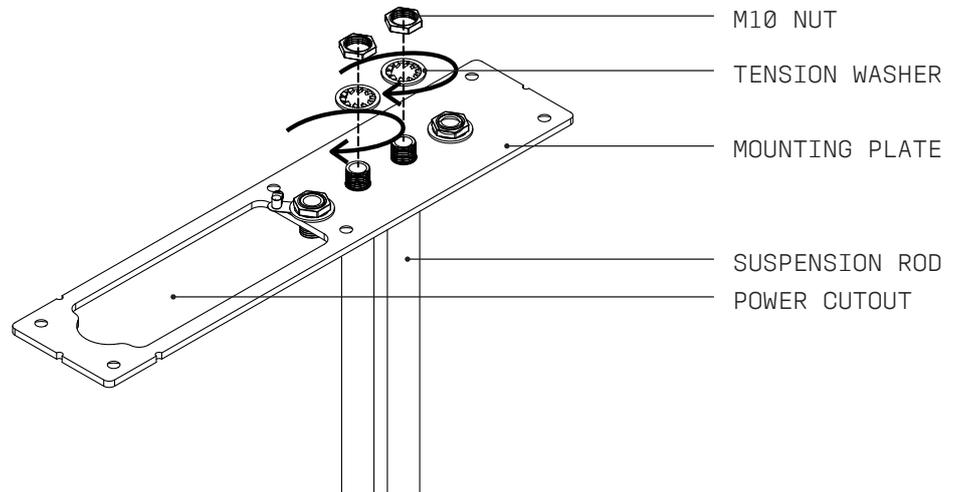
8 Tighten other SUSPENSION ROD onto the ABACUS PENDANT



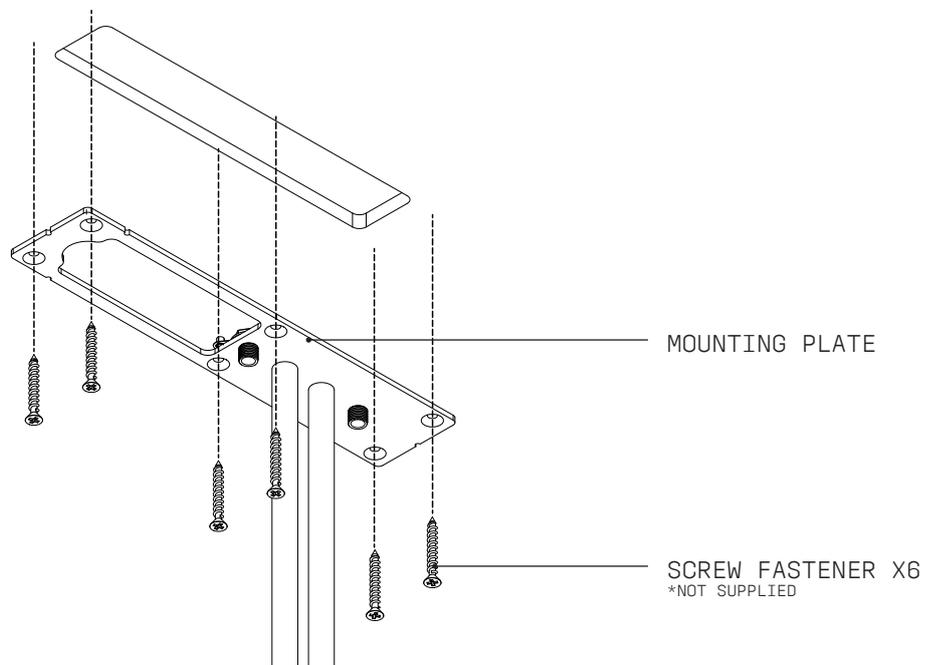
9 Carefully lower the ESCUTCHEON onto the 2 SUSPENSION RODS. Ensure not to damage the SUSPENSION RODS as the ESCUTCHEON is being lowered.



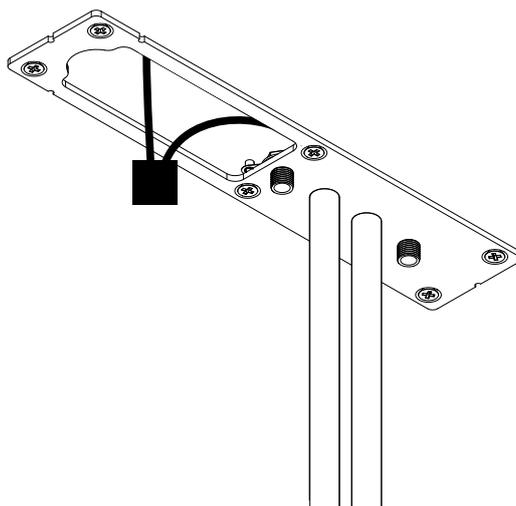
- 10** A. Place MOUNTING PLATE on to both SUSPENSION RODS ensuring the POWER CUTOUT is pointing towards the centre of the Pendant.
- B. Tightly fasten both TENSION WASHERS and M10 NUTS onto SUSPENSION RODS



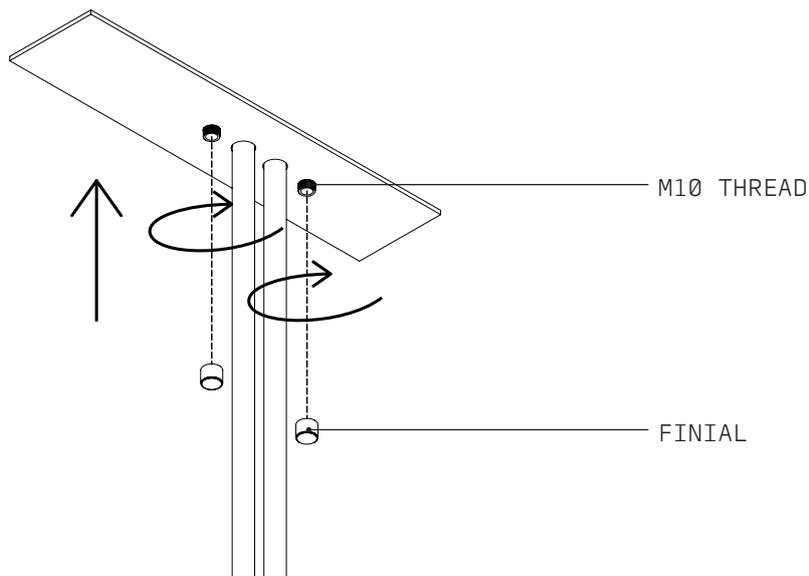
- 11** Attach the MOUNTING PLATE to the prepared Substrate with appropriate Fasteners.



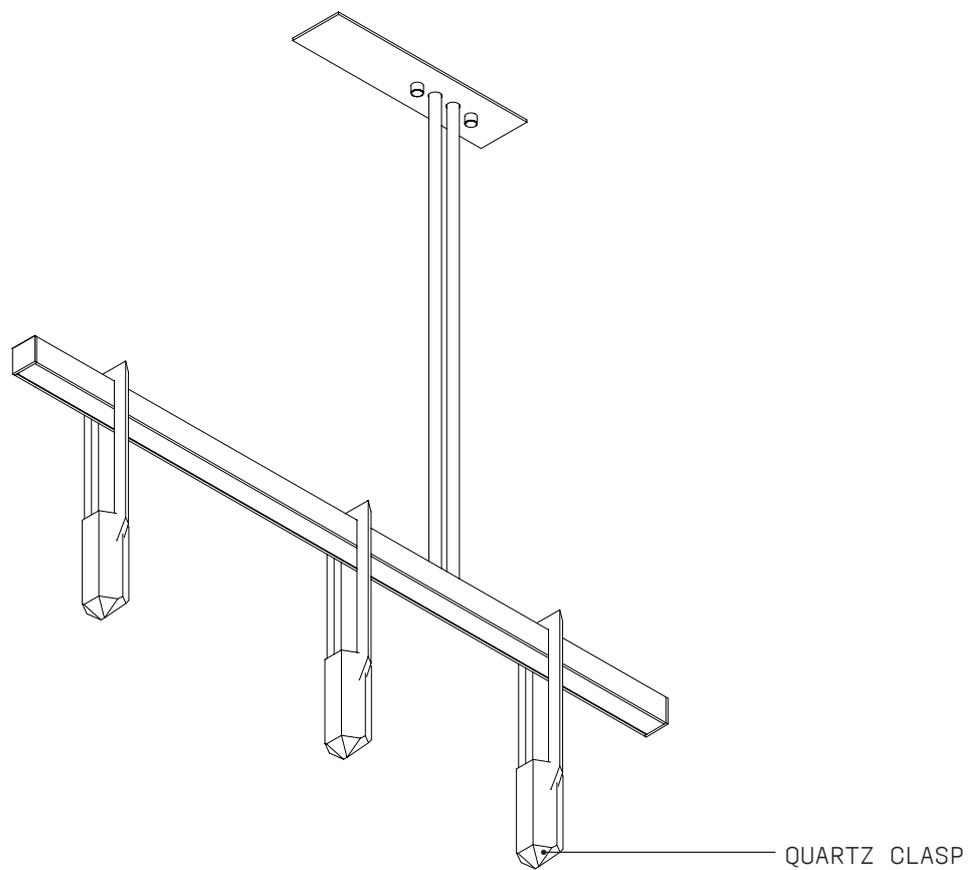
- 12 A. Connect the 110-240V AC Power to the POWER SUPPLY UNIT.
- B. Connect the POWER CABLE from the PENDANT to the POWER SUPPLY UNIT.
Refer to supplied WIRING DIAGRAM →



- 13 Carefully raise ESCUTCHEON to the ceiling until the 2 M10 threads are exposed and tighten a FINIAL onto each thread.
Ensure not to damage the SUSPENSION ROD as the ESCUTCHEON is being raised.

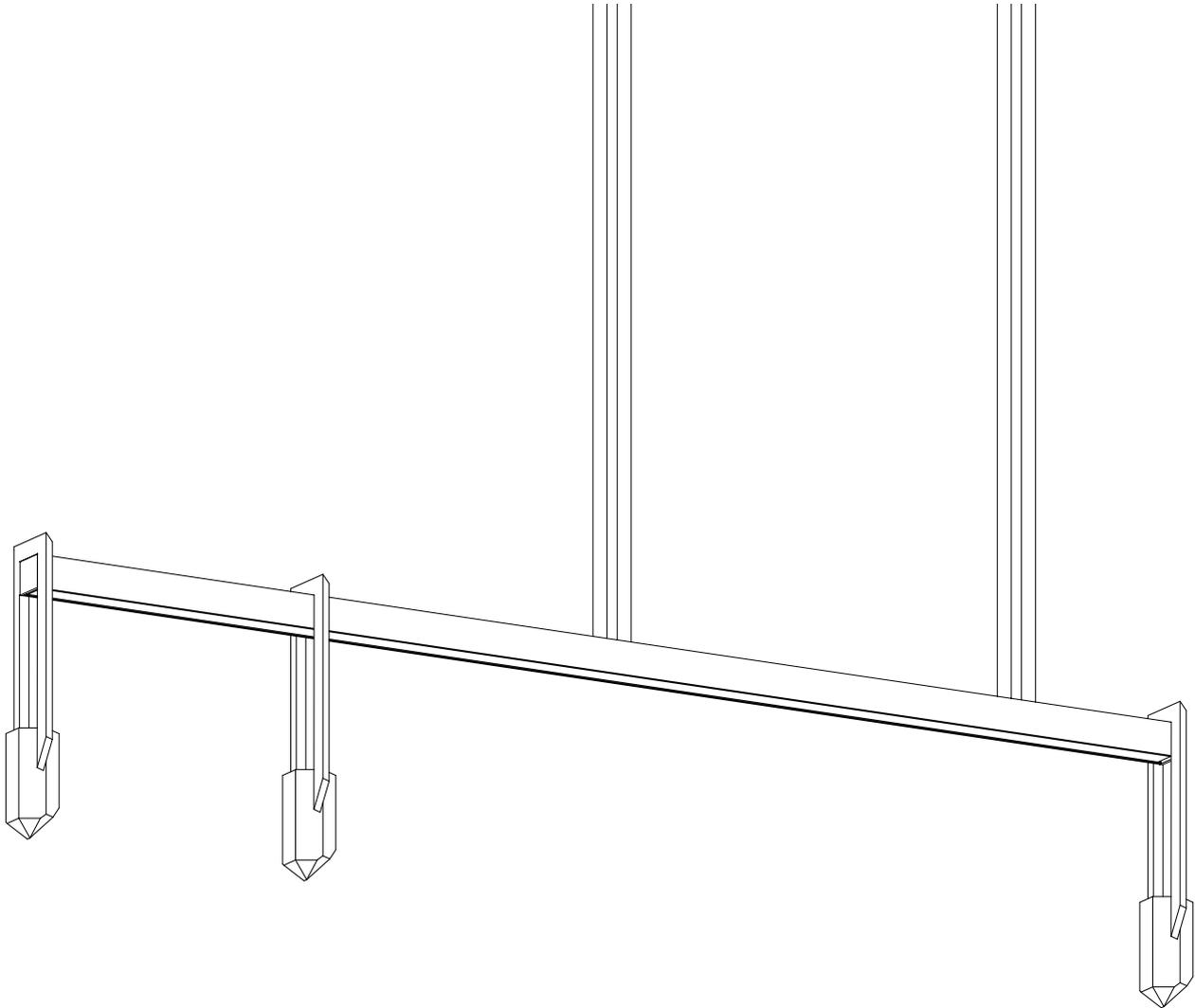


- 14** — Conduct a final visual assessment of both the canopy and pendant to ensure all parts have been properly fitted and secured. Once satisfied that everything is in working order, carefully place QUARTZ CLASPS onto the pendant which will now complete the installation process.



ABACUS FLUSH MEDIUM CANOPY

LFM.ABA - ABA.1200 ABA.1500



WARNING

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WARNING: SHOCK HAZARD

May result in serious injury or death.
ENSURE POWER IS OFF before commencing any work.



WARNING: ELECTRICAL

ALL ELECTRICAL connections must be made by a qualified electrician in accordance with the regulations and codes governing the area for which the CHRISTOPHER BOOTS Fixture is intended to be installed in. Failure to do so may result in serious harm or damage to property and life, at the owner's liability and expense.

CHRISTOPHER BOOTS will not be held liable for any damage caused from installation.



WARNING: STRUCTURAL

Ensure that the substrate is securely installed and is in accordance with local building regulations. Failure to do so may potentially result in serious harm or damage of property, at the owner's liability and expense.

CHRISTOPHER BOOTS will not be held liable for any damage caused from installation.

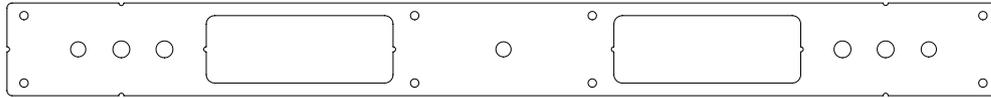


Refer to supplied WIRING DIAGRAM.

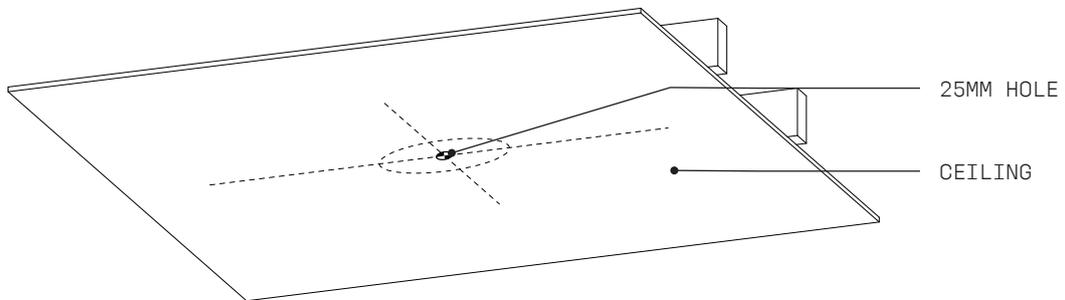
ABACUS FLUSH MEDIUM CANOPY

LFM.ABA - ABA.1200 ABA.1500

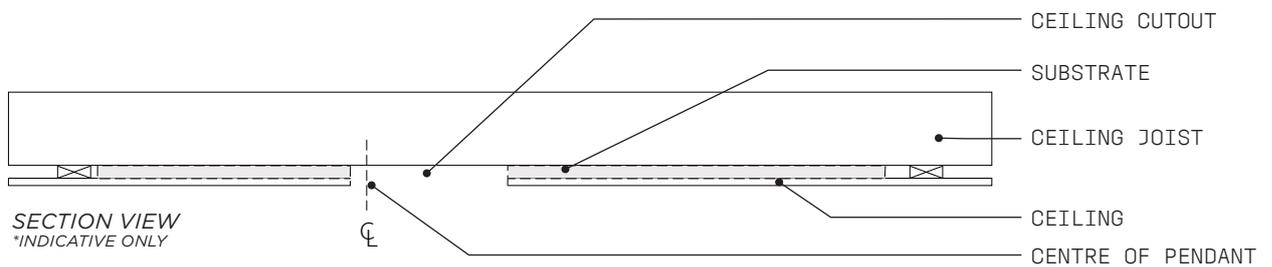
- 1 Wearing gloves, unpack the ABACUS with care ensuring not to scratch the delicate surface.
- Separate the MOUNTING PLATE from the other components.



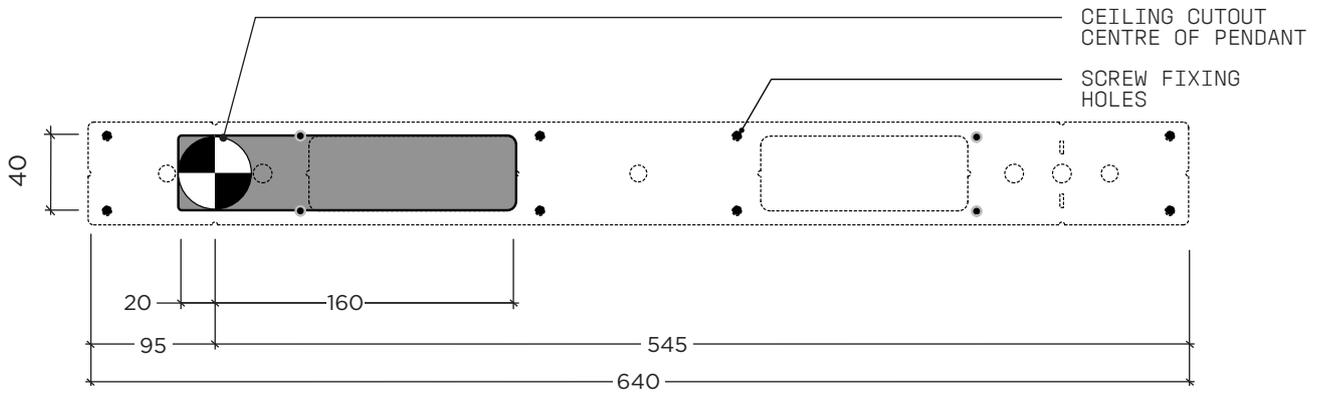
- 2 Prepare a Ø25mm hole on the ceiling central to the Pendants final hanging position.



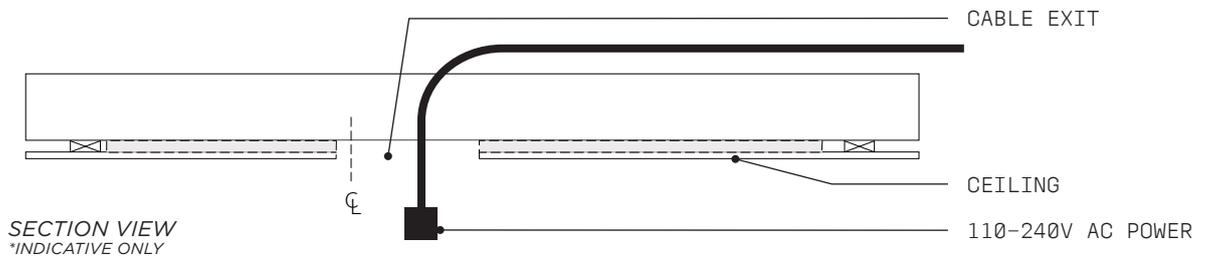
- 3 Installer to provide adequate load-bearing substrate, utilising ceiling joist where additional support is required. For accurate placement of CEILING CUTOUT in the Substrate, use the MOUNTING PLATE as a guide. DRILLING GUIDE on next page.



.....DRILLING GUIDE.....



- 4 Prepare the 110-240V AC Power to be connected to the POWER SUPPLY UNIT.

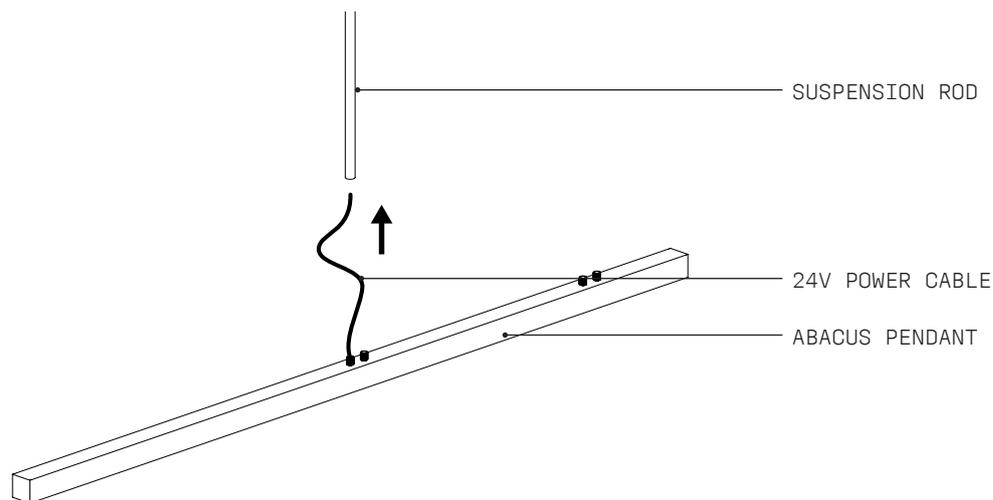


ABACUS FLUSH MEDIUM CANOPY

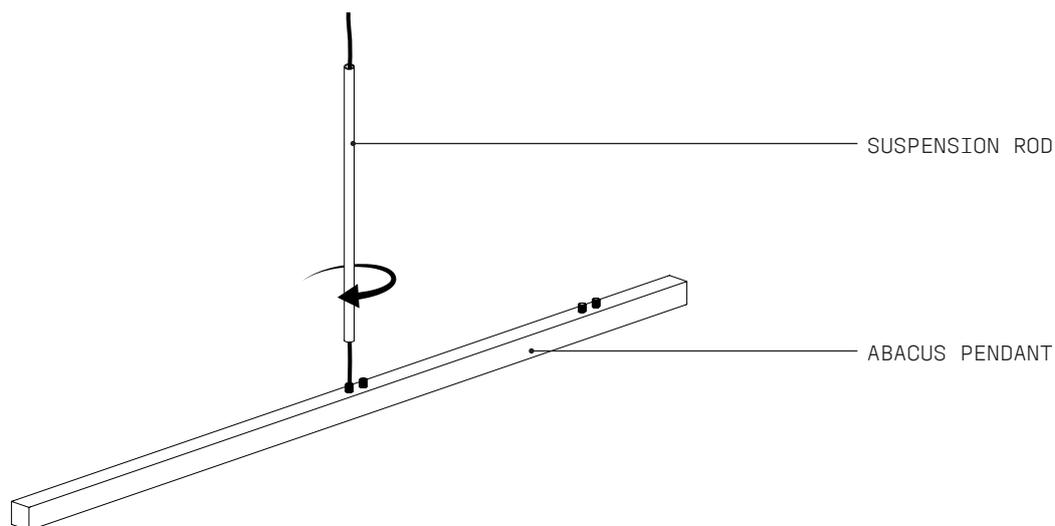
LFM.ABA - ABA.1200 ABA.1500

- 5 Wearing gloves, unpackage the ABACUS PENDANT with care.
— Do not to scratch the delicate surface of the PENDANT.

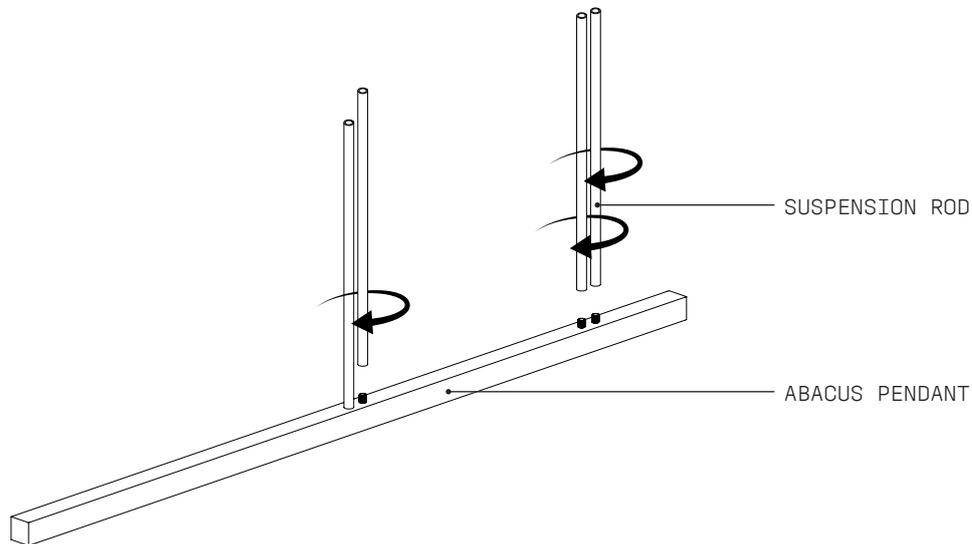
Begin by passing the 24V POWER CABLE through SUSPENSION ROD.



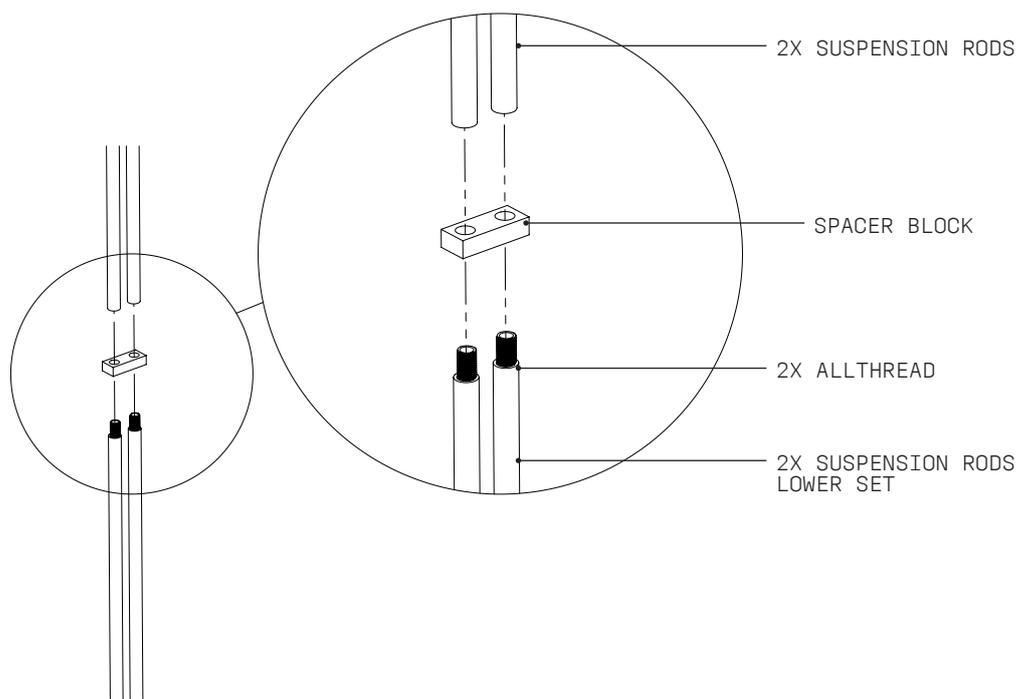
- 6 Tighten SUSPENSION ROD on the ABACUS PENDANT.



7 Tighten other SUSPENSION RODS onto the ABACUS PENDANT



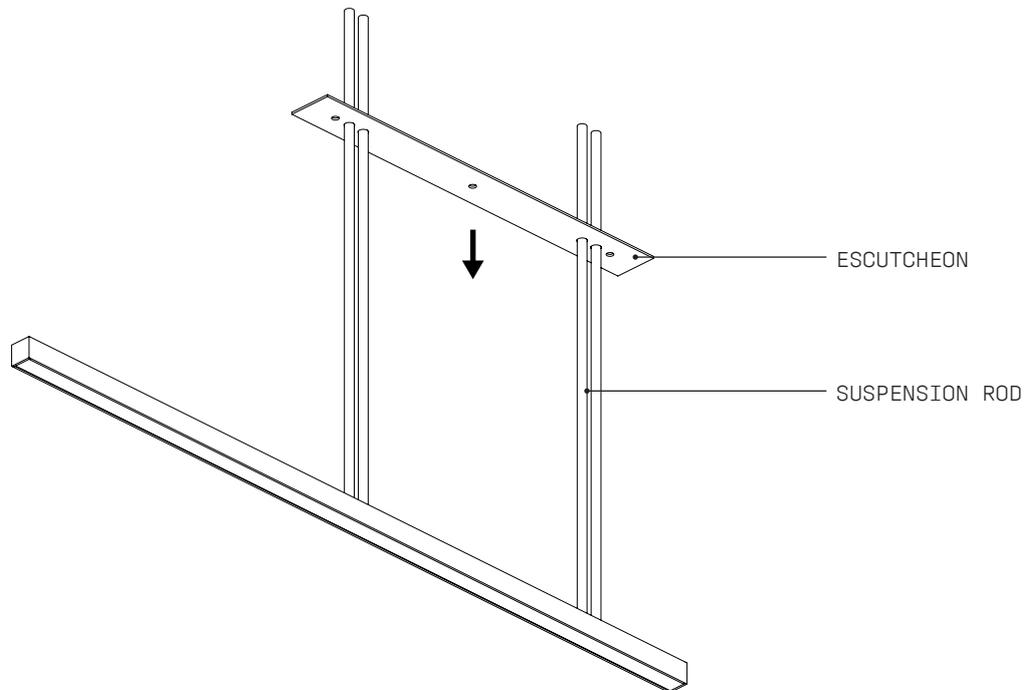
8 If your ABACUS PENDANT requires extra rods to extend the total drop, locate the spacer block on 2 allthreads and tighten next set of rods onto lower set.



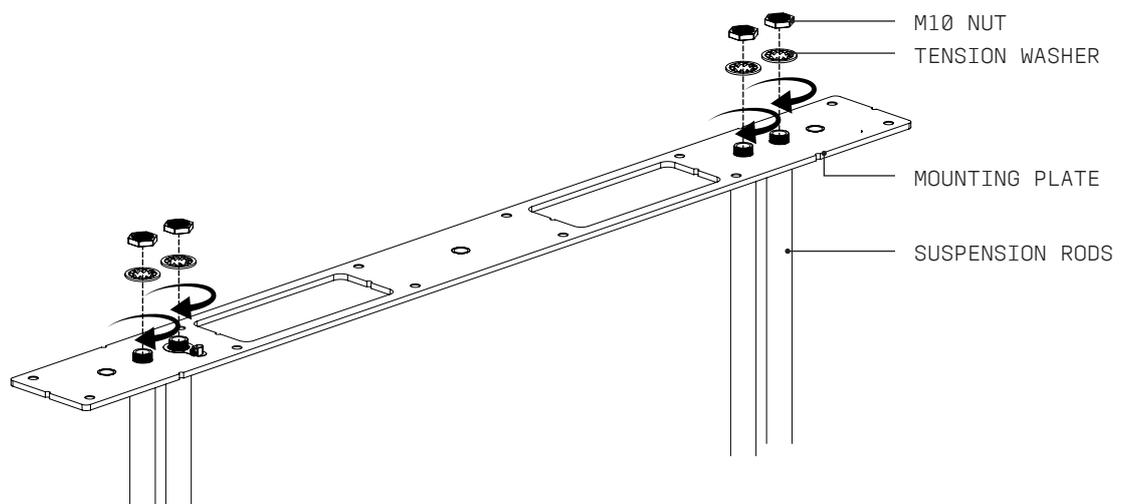
ABACUS FLUSH MEDIUM CANOPY

LFM.ABA - ABA.1200 ABA.1500

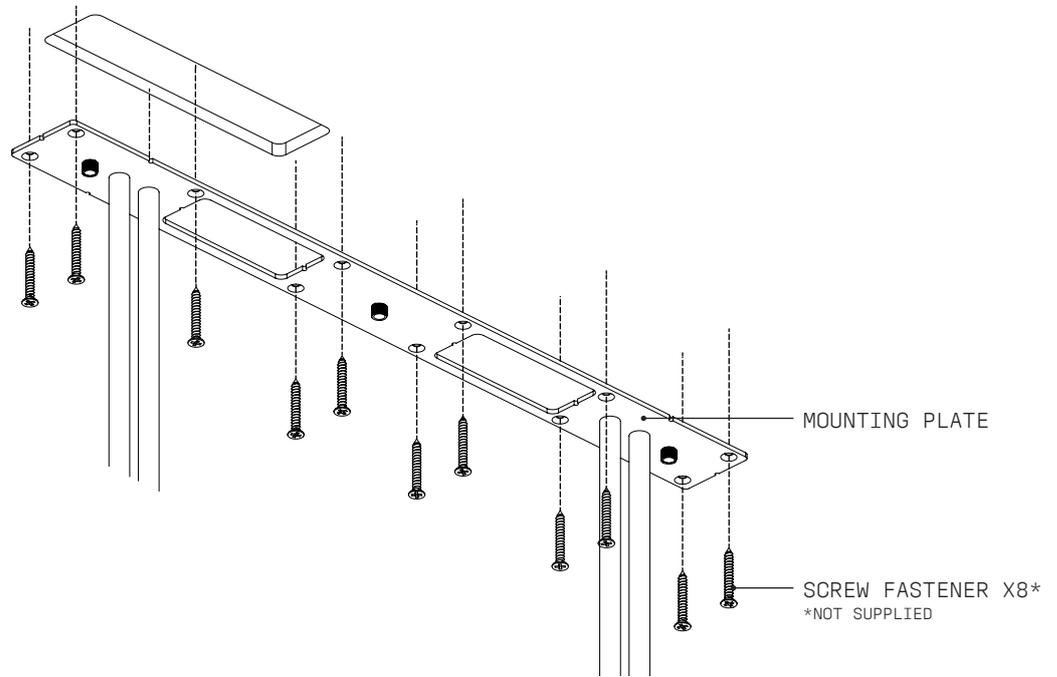
- 9 Carefully lower the ESCUTCHEON onto the SUSPENSION RODS. Ensure not to damage the SUSPENSION RODS as the ESCUTCHEON is being lowered.



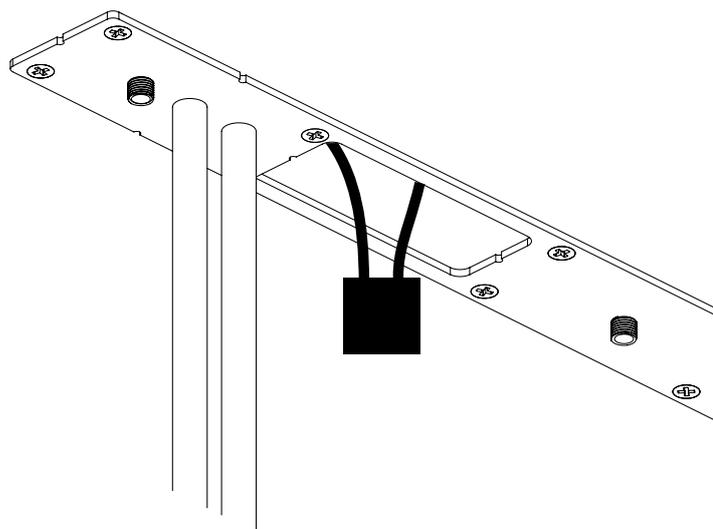
- 10 Place MOUNTING PLATE onto ALL SUSPENSION RODS.
Tightly fasten ALL TENSION WASHERS and M10 NUTS onto SUSPENSION RODS



- 11 Attach the MOUNTING PLATE to the prepared Substrate with 8 appropriate SCREW FASTENERS.



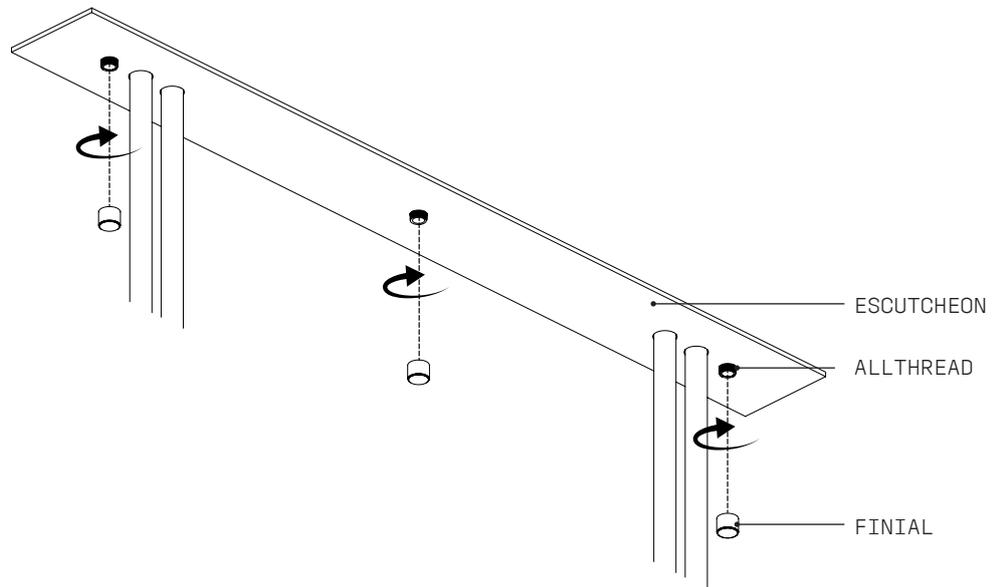
- 12 A. Connect the 110-240V AC Power to the POWER SUPPLY UNIT.
 B. Connect the POWER CABLE from the PENDANT to the POWER SUPPLY UNIT.
 Refer to supplied WIRING DIAGRAM →



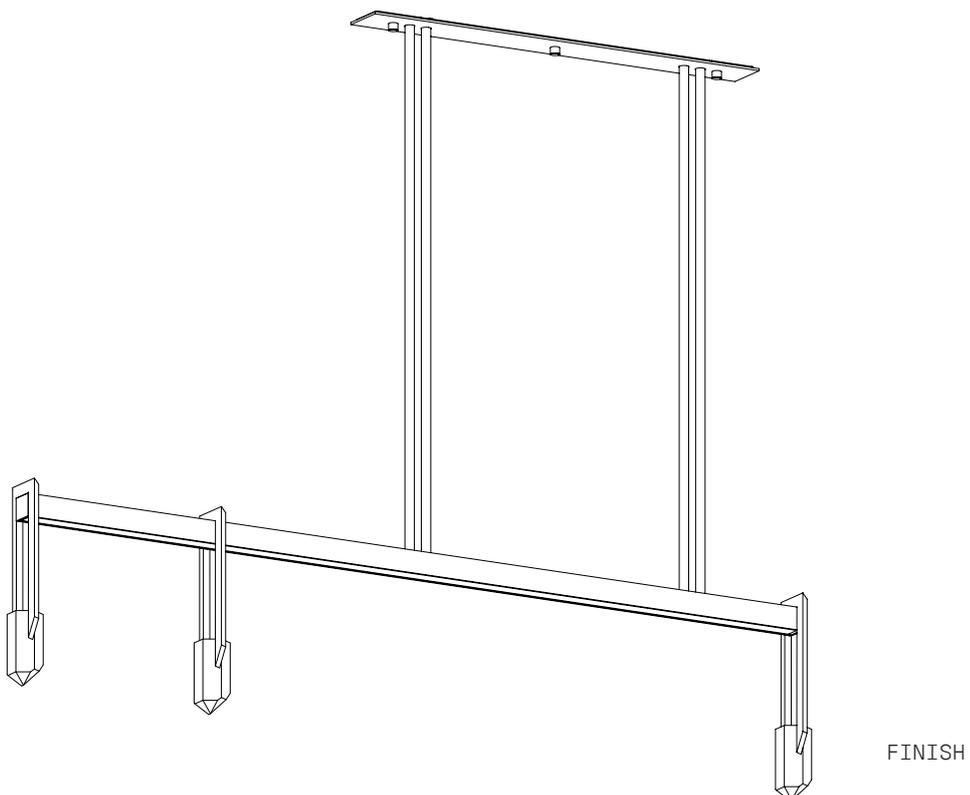
ABACUS FLUSH MEDIUM CANOPY

LFM.ABA - ABA.1200 ABA.1500

- 13 Carefully raise ESCUTCHEON to the ceiling until the 2 M10 threads are exposed and tighten a FINIAL onto each thread.
 — Ensure not to damage the SUSPENSION ROD as the ESCUTCHEON is being raised.



- 14 Conduct a final visual assessment of both the canopy and pendant to ensure all parts have been properly fitted and secured. Once satisfied that everything is in working order, carefully place QUARTZ CLASPS onto the pendant which will now complete the installation process.



CARE INSTRUCTIONS

- ABACUS is for indoor use only and operable to a maximum ambient temperature of 60° Celsius. The lamping of this luminaire, is a non-user replaceable source and must only be replaced by CHRISTOPHER BOOTS, an appointed agent and/or qualified professional of CHRISTOPHER BOOTS. Should your pendant require relamping, please contact sales@christopherboots.com to make necessary arrangements.
- Remove dust by simply running an electrostatic duster or dry cloth every few weeks over all external surfaces.
- Take particular care when dusting internal surfaces as these are extremely delicate. A clean lint-free cloth will be ample.
- Under no circumstances should the fixture be cleaned with any type of liquids/detergents or solvents.
- We recommend using micro fibre cloths.
- If more than dusting is required, please contact us at: sales@christopherboots.com

WARRANTY

1. Christopher Boots offers a 36 month / 3 year warranty from date of receipt of balance payment on all light fittings supplied (not installation) against mechanical defects.
2. Christopher Boots will repair or replace defective components or product within this warranty period.
3. Warranty for components includes:
4. LED lamps and strips: 3 years / 36 months after receipt.
5. LED drivers 60w: 3 years / 36 months after receipt.
6. LED drivers 100w + 150w: 5 years / 60 months after receipt.
7. Incandescent lamps: no warranty – no manufacturer warrants filament lamps.
8. Fixtures are clearly labeled with maximum allowable wattage therefore responsibility of installer / end client to ensure correct lamps & wattages are compliant.
9. Use of higher wattage bulbs than indicated will forfeit warranty.
10. Warranty claims require client to cover shipping enroute back for repair.
11. Any questions? Contact sales@christopherboots.com

CHRISTOPHER BOOTS WILL NOT BE HELD RESPONSIBLE FOR THE FOLLOWING

1. Damage caused by improper cleaning solutions or methods.
2. Damage caused by improper installation or assembly by customer or customer's agent.
3. Damage caused by improper use of light bulbs:
4. Installers ensure screwing lamps / glass lamp cover inline with trajectory of product branch + lampholder upon lamp replacement.
5. A screwing motion of slightest angle may cause cross-threading & breakage not covered under warranty.
6. Damage caused by exposure to weather or improper environment – client to check IP rating prior to purchase.
7. Changes in appearance of hand applied finishes or unlacquered finishes.
8. Please note that finishes are designed to age in appearance.
9. Any costs of installation, removal, or re-installation.
10. Restoration, repair work & any parts purchased separately from supplied light fixtures.
11. Damage caused during shipping. All items are packed specifically for global transport.

DAMAGES

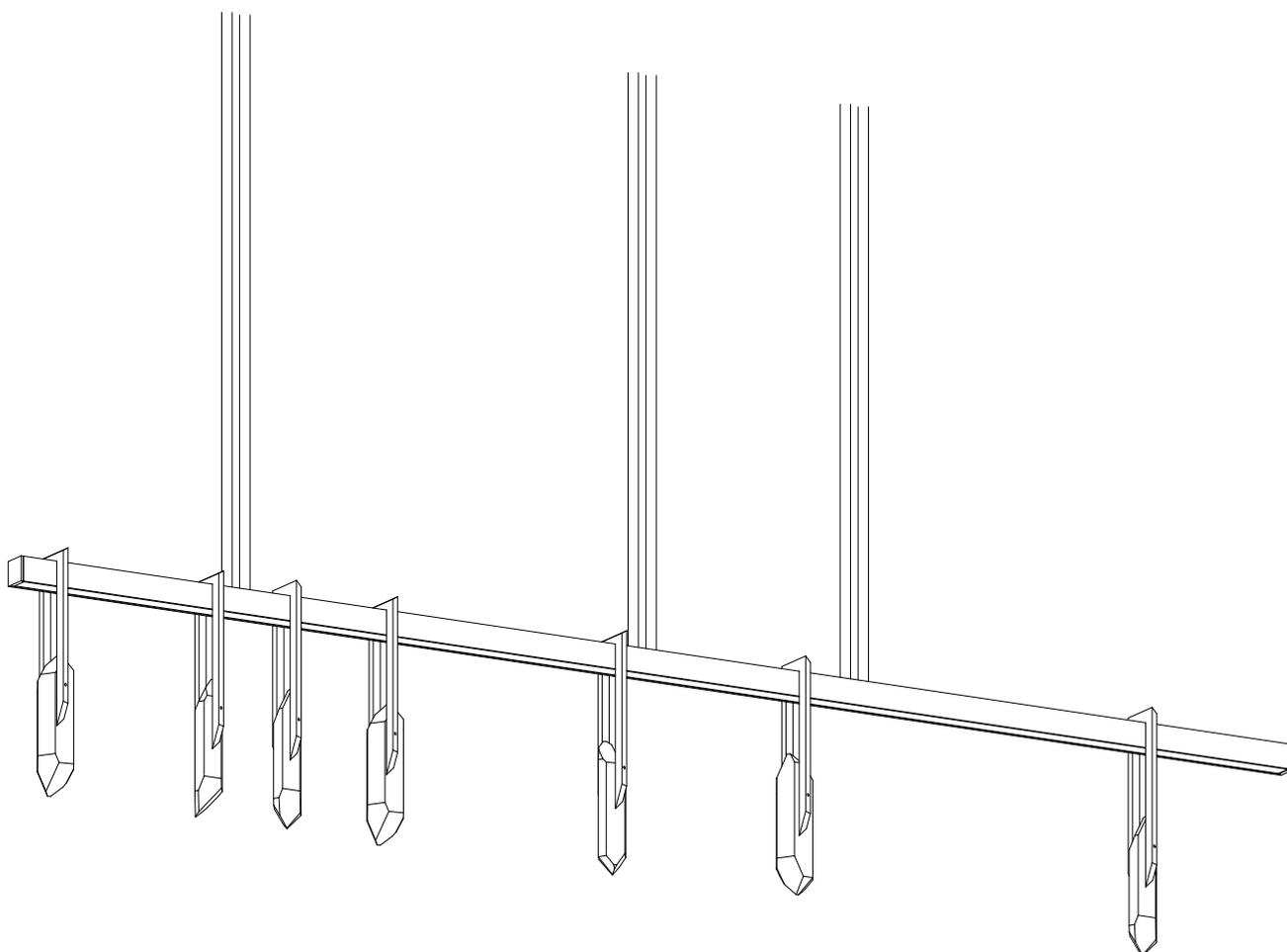
1. Damages must be documented and reported within 7 business days of receipt.
2. Photo evidence will be required upon reporting of damage claim.
3. Christopher Boots is not responsible for repair or replacement of damages reported after this time.
4. If damage has occurred in shipping, all packaging must be retained by receiver. Failure to do so may invalidate any claim.

RETURNS

1. Because of the hand-made nature of our product, we unable to offer returns.

ABACUS FLUSH LARGE CANOPY 1800

LFL.ABA.1800



WARNING

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WARNING: SHOCK HAZARD

May result in serious injury or death.
ENSURE POWER IS OFF before commencing any work.



WARNING: ELECTRICAL

ALL ELECTRICAL connections must be made by a qualified electrician in accordance with the regulations and codes governing the area for which the CHRISTOPHER BOOTS Fixture is intended to be installed in. Failure to do so may result in serious harm or damage to property and life, at the owner's liability and expense.

CHRISTOPHER BOOTS will not be held liable for any damage caused from installation.



WARNING: STRUCTURAL

Ensure that the substrate is securely installed and is in accordance with local building regulations. Failure to do so may potentially result in serious harm or damage of property, at the owner's liability and expense.

CHRISTOPHER BOOTS will not be held liable for any damage caused from installation.



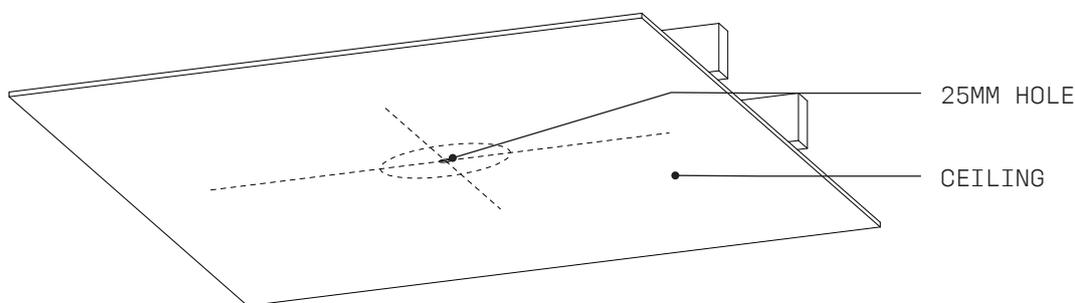
Refer to supplied WIRING DIAGRAM.

- 1 Wearing gloves, unpack the ABACUS with care ensuring not to scratch the delicate surface.

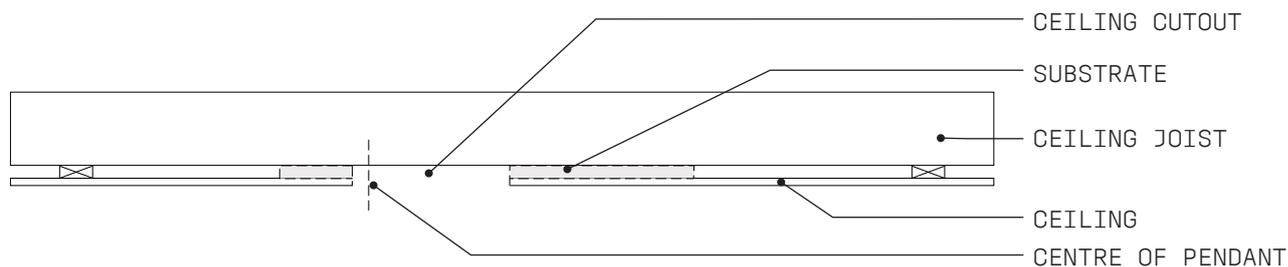
Separate the MOUNTING PLATE from the other components.

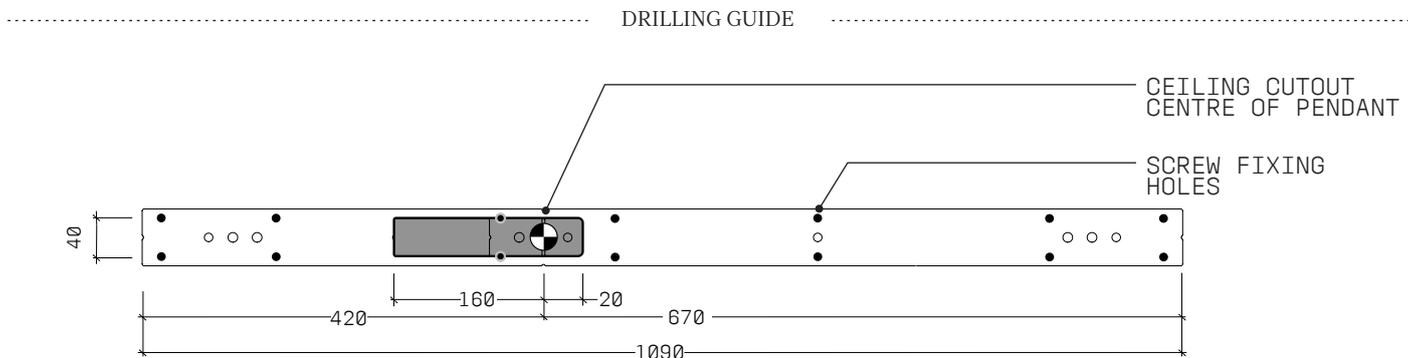


- 2 Prepare a Ø25mm hole on the ceiling central to the Pendants final hanging position.

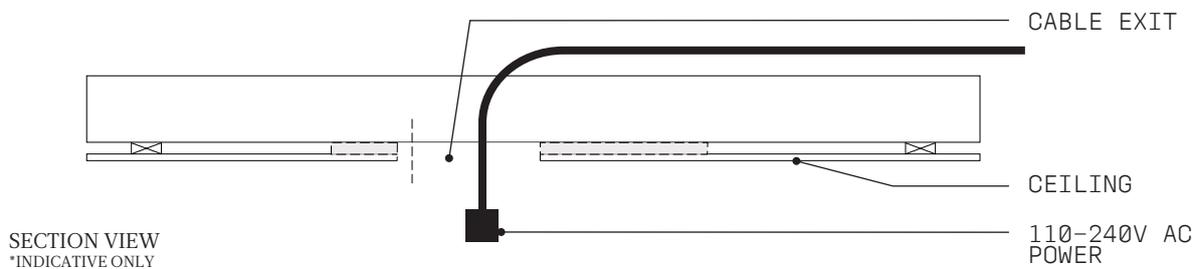


- 3 Installer to provide adequate load-bearing substrate, utilising ceiling joist where additional support is required. For accurate placement of CEILING CUTOUT in the Substrate, use the MOUNTING PLATE as a guide. DRILLING GUIDE on next page.



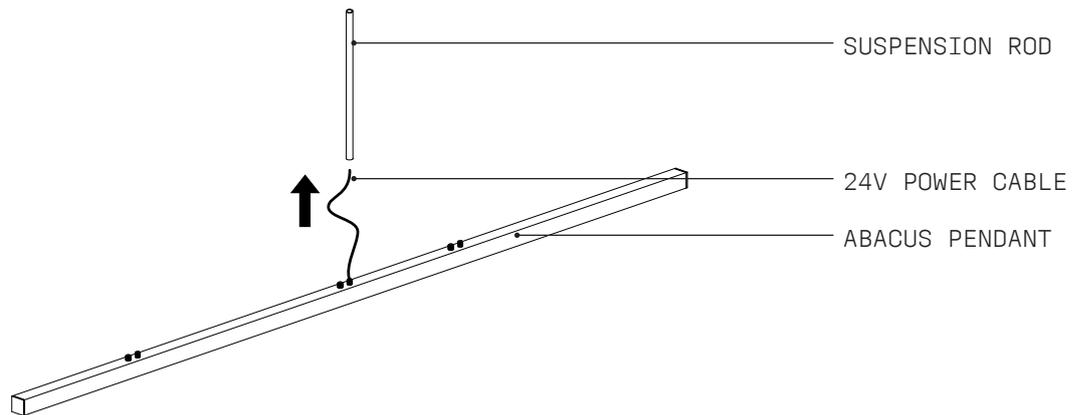


4 Prepare the 110-240V AC Power to be connected to the POWER SUPPLY UNIT.

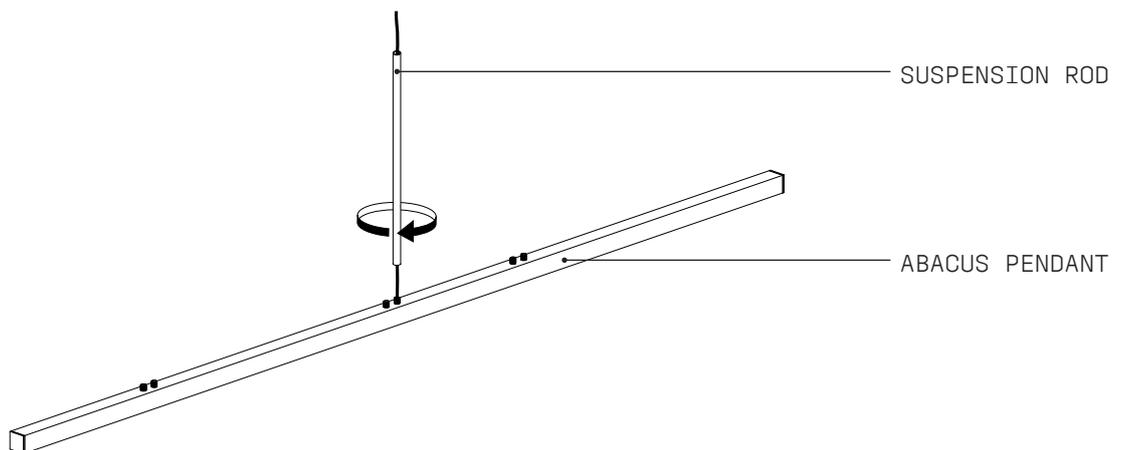


- 4 Wearing gloves, unpackage the ABACUS PENDANT with care.
 — Do not to scratch the delicate surface of the PENDANT.

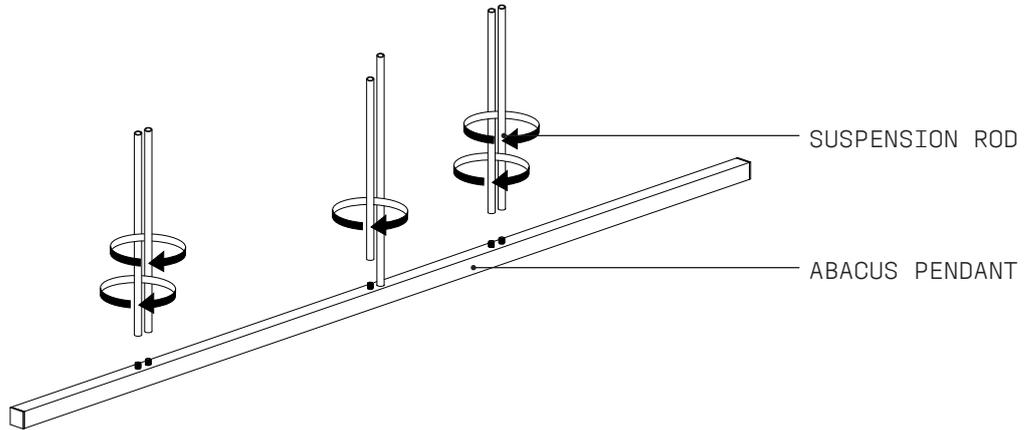
- 5 Begin by passing the 24V POWER CABLE through SUSPENSION ROD.



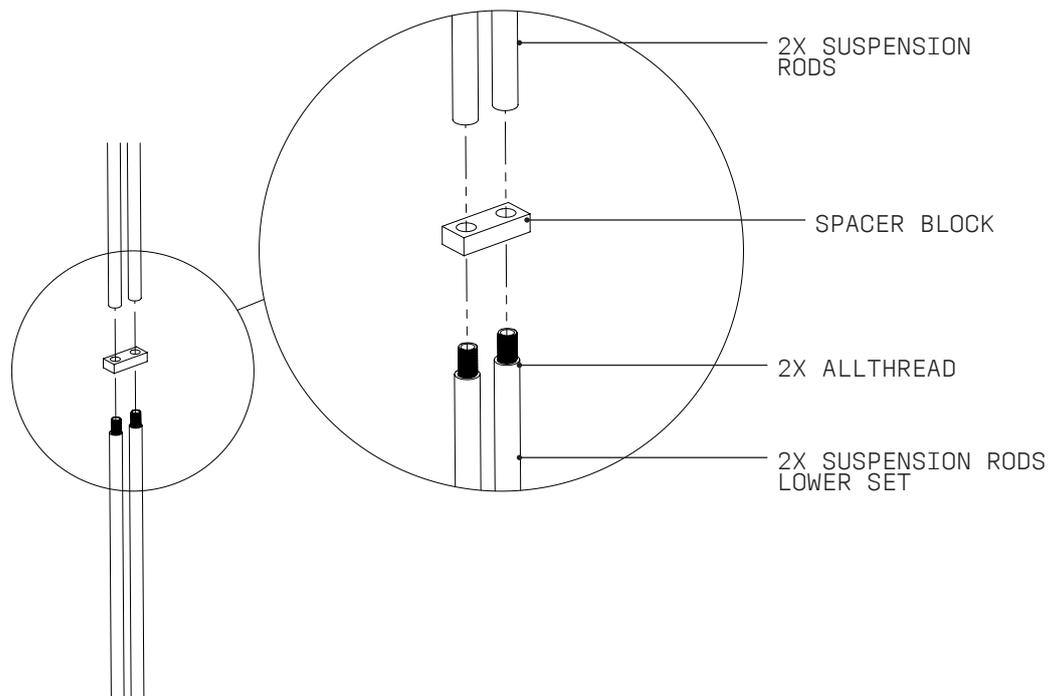
- 6 Tighten SUSPENSION ROD on the ABACUS PENDANT.



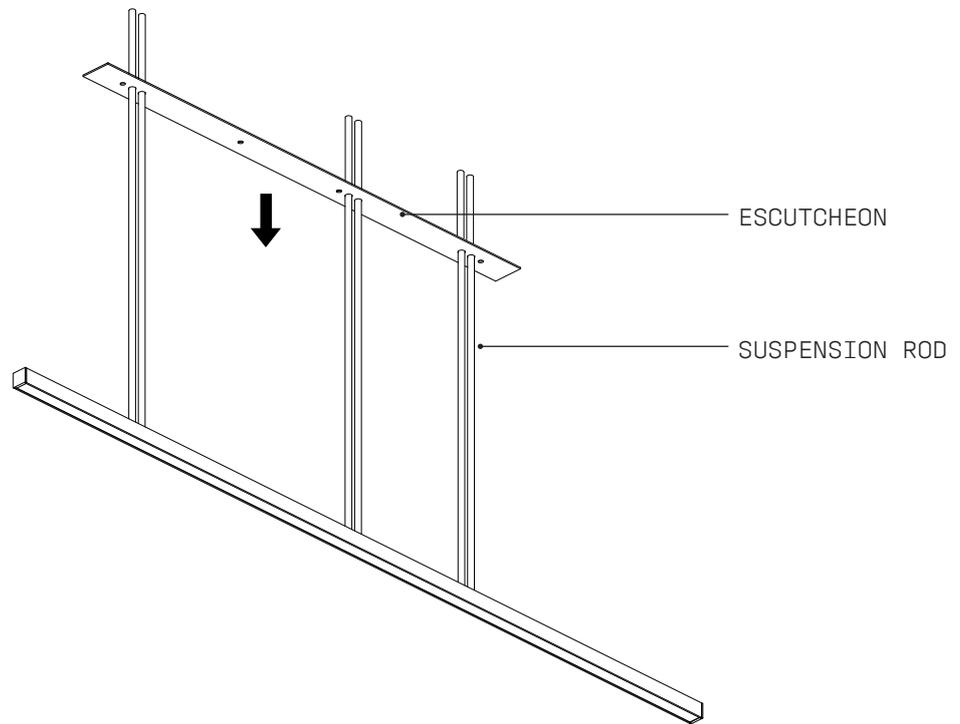
7 Tighten other SUSPENSION RODS onto the ABACUS PENDANT



8 If your ABACUS PENDANT requires extra rods to extend the total drop, locate the spacer block on 2 allthreads and tighten next set of rods onto lower set.

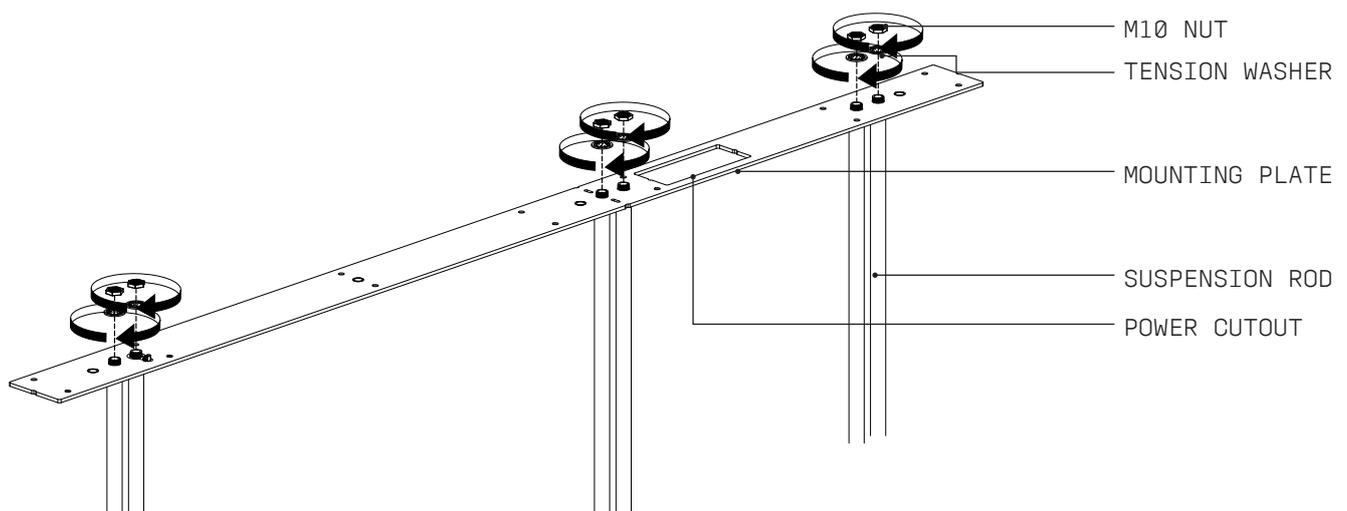


- 9 Carefully lower the ESCUTCHEON onto the 4 SUSPENSION RODS. Ensure not to damage the SUSPENSION RODS as the ESCUTCHEON is being lowered.

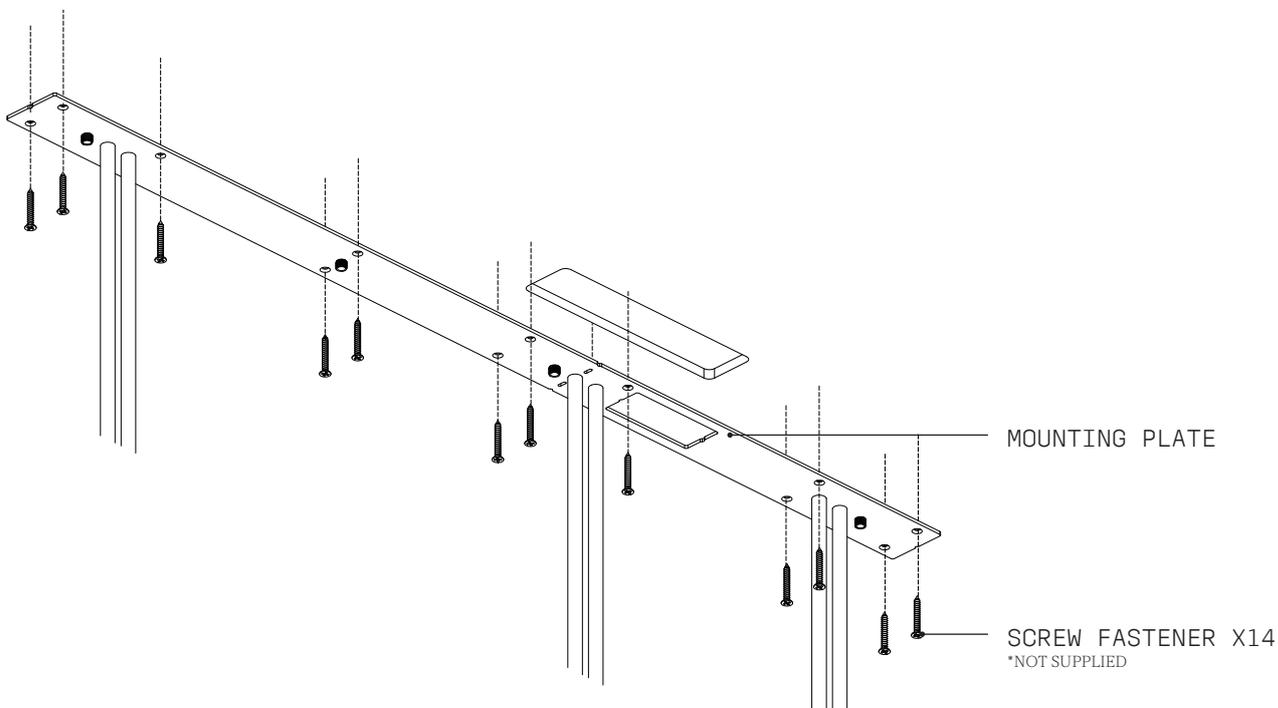


- 10 Place MOUNTING PLATE onto ALL SUSPENSION RODS.

Tightly fasten ALL TENSION WASHERS and M10 NUTS onto SUSPENSION RODS

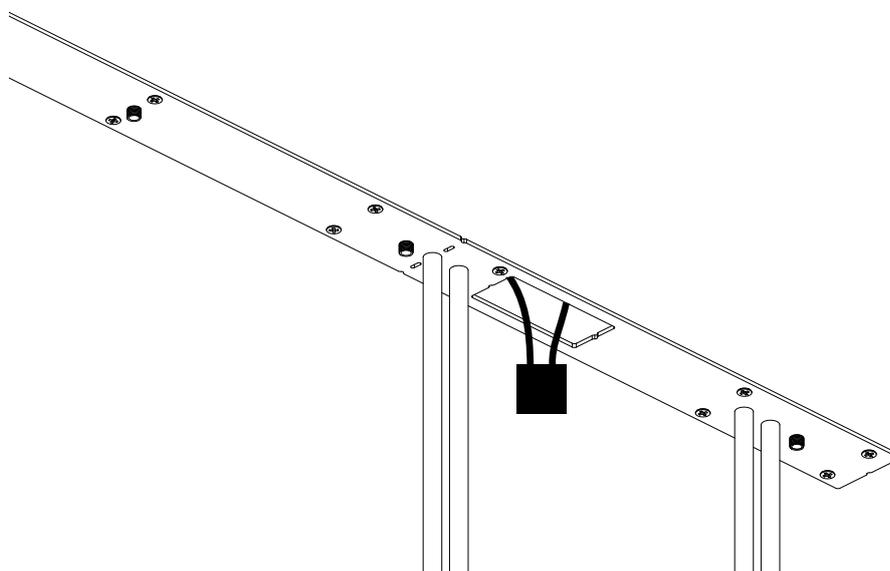


11 Attach the MOUNTING PLATE to the prepared Substrate with appropriate Fasteners.

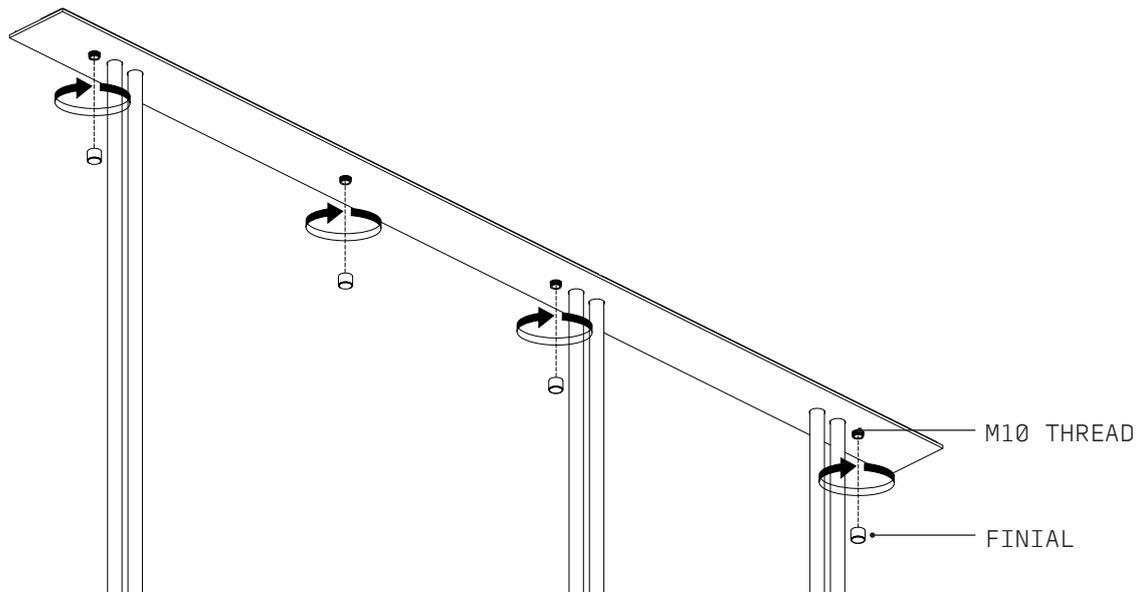


12 Connect the 110-240V AC Power to the POWER SUPPLY UNIT.

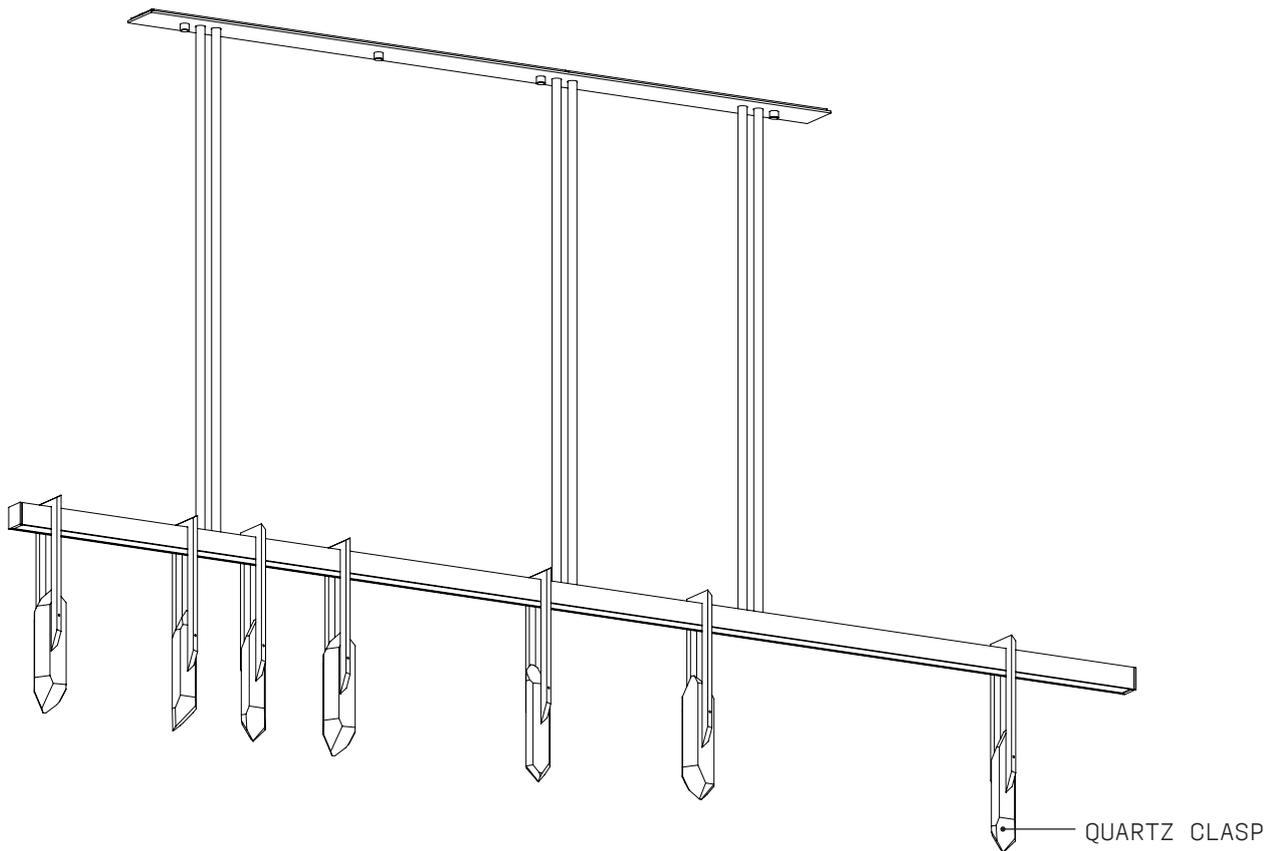
Connect the POWER CABLE from the PENDANT to the POWER SUPPLY UNIT.
Refer to supplied WIRING DIAGRAM →



- 13 Carefully raise ESCUTCHEON to the ceiling until the 4x M10 threads are exposed and tighten a FINIAL onto each thread.
— Ensure not to damage the SUSPENSION ROD as the ESCUTCHEON is being raised.

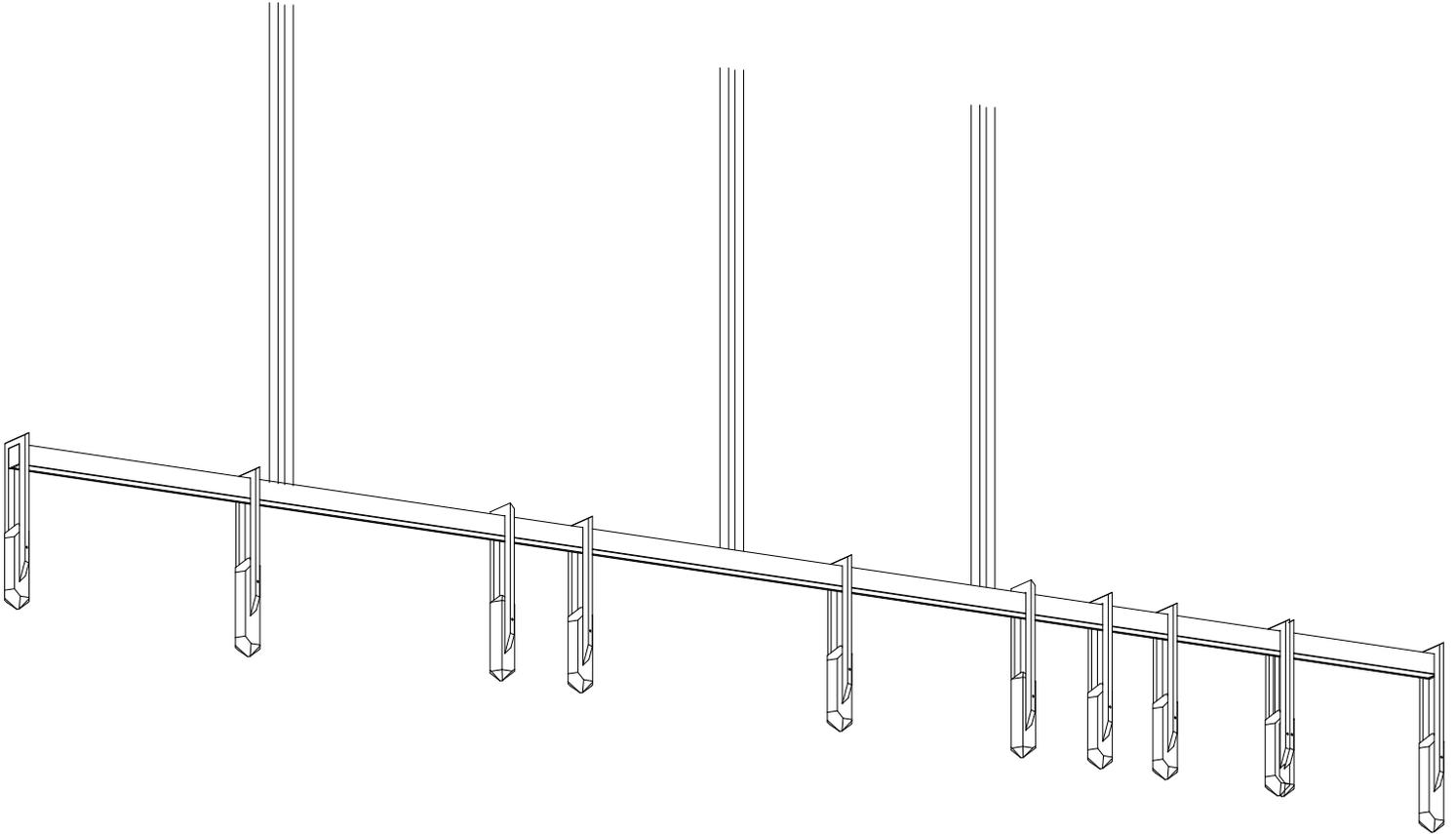


- 14 — Conduct a final visual assessment of both the canopy and pendant to ensure all parts have been properly fitted and secured. Once satisfied that everything is in working order, carefully place QUARTZ CLASPS onto the pendant which will now complete the installation process.



ABACUS FLUSH LARGE CANOPY

ABA.LFL - ABA.2100 ABA.2400



WARNING

ALL ELECTRICAL CONNECTIONS MUST BE MADE BY A QUALIFIED ELECTRICIAN IN ACCORDANCE WITH THE REGULATIONS AND CODES GOVERNING THE AREA FOR WHICH THE CHRISTOPHER BOOTS FIXTURE IS INTENDED TO BE INSTALLED IN. FAILURE TO DO SO MAY RESULT IN SERIOUS HARM OR DAMAGE TO PROPERTY AND LIFE, AT THE OWNER'S LIABILITY AND EXPENSE. CHRISTOPHER BOOTS WILL NOT BE HELD LIABLE FOR ANY DAMAGE CAUSED FROM INSTALLATION.



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CHRISTOPHER BOOTS will not be held liable for any damage caused from installation.



WARNING: STRUCTURAL

Ensure that the substrate is securely installed and is in accordance with local building regulations. Failure to do so may potentially result in serious harm or damage of property, at the owner's liability and expense.

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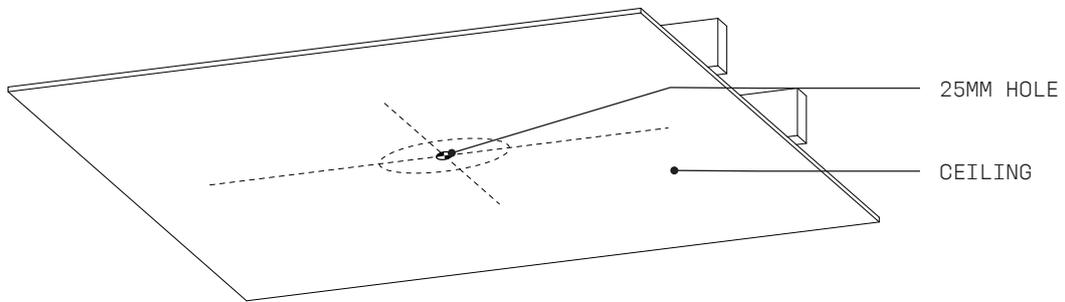


Refer to supplied WIRING DIAGRAM.

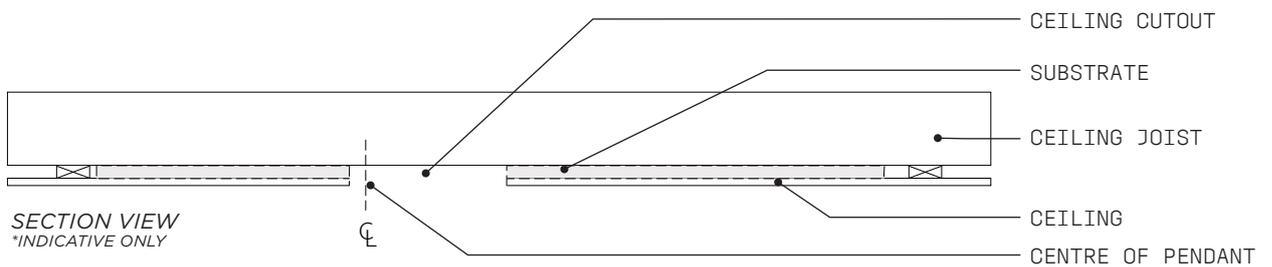
- 1 Wearing gloves, unpack the ABACUS with care ensuring not to scratch the delicate surface.
 — Separate the MOUNTING PLATE from the other components.



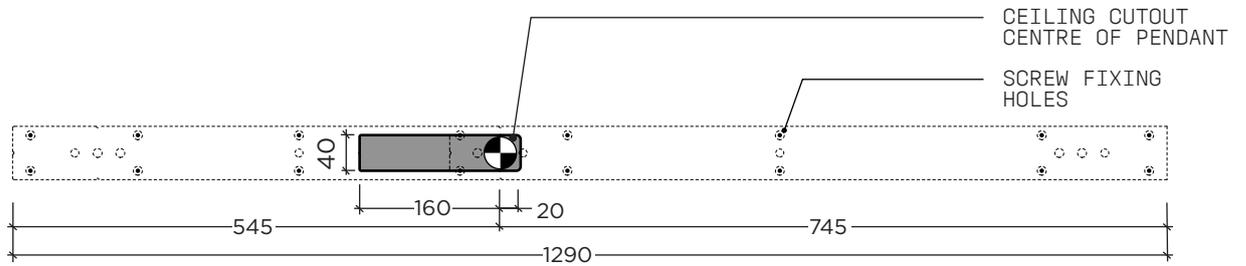
- 2 Prepare a Ø25mm hole on the ceiling central to the Pendants final hanging position.



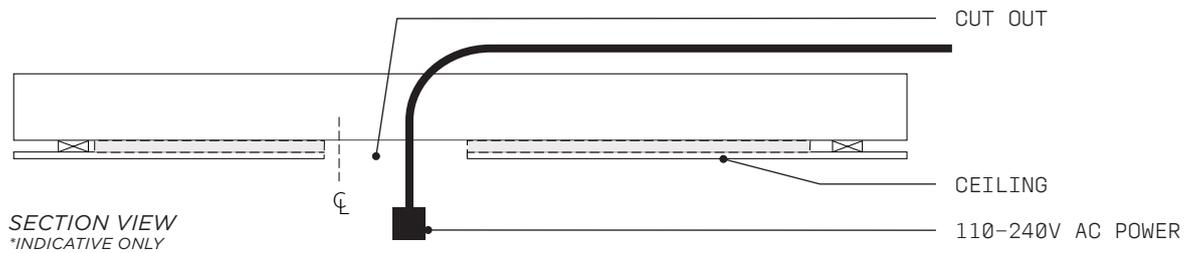
- 3 Installer to provide adequate load-bearing substrate, utilising ceiling joist where additional support is required. For accurate placement of CEILING CUTOUT in the Substrate, use the MOUNTING PLATE as a guide. DRILLING GUIDE on next page.



DRILLING GUIDE

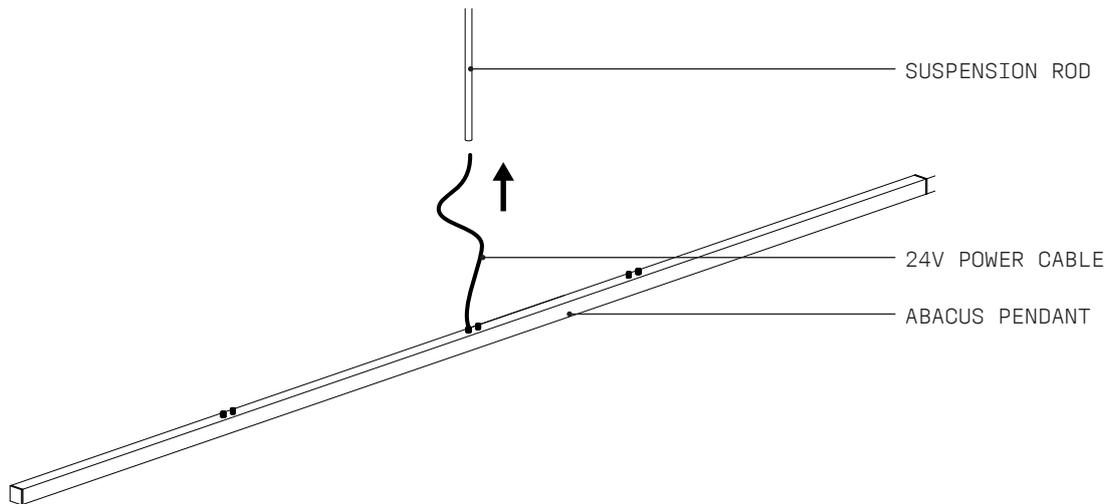


- 4 Prepare the 110-240V AC Power to be connected to the POWER SUPPLY UNIT.

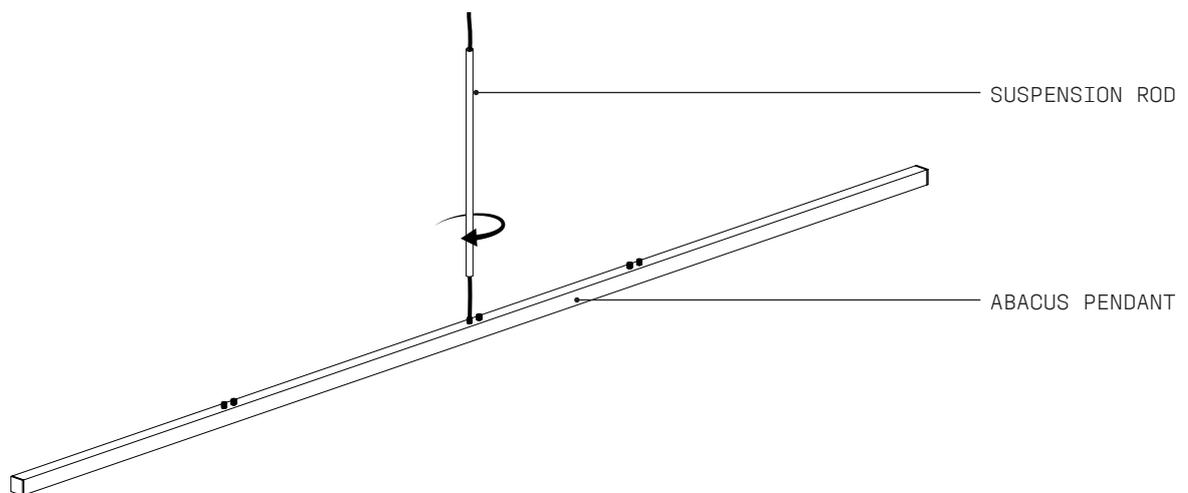


- 5 Wearing gloves, unpackage the ABACUS PENDANT with care.
— Do not to scratch the delicate surface of the PENDANT.

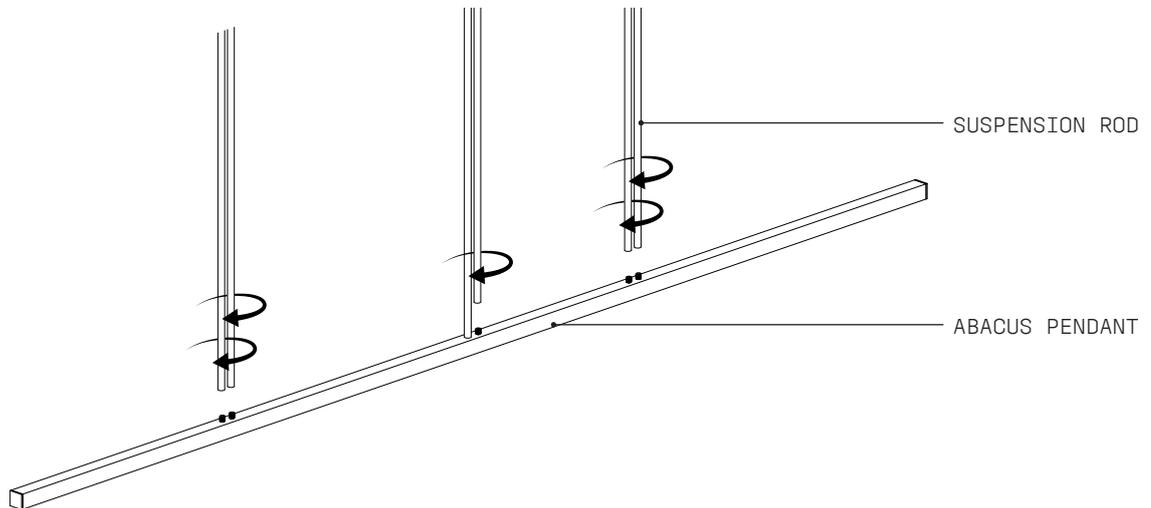
Begin by passing the 24V POWER CABLE through SUSPENSION ROD.



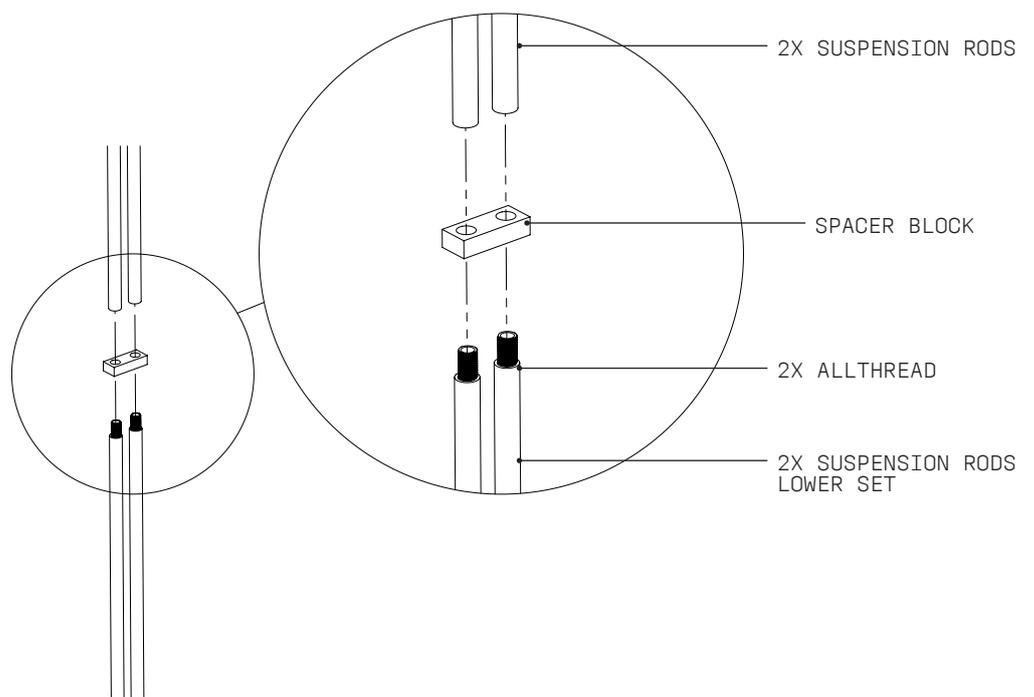
- 6 Tighten SUSPENSION ROD on the ABACUS PENDANT.



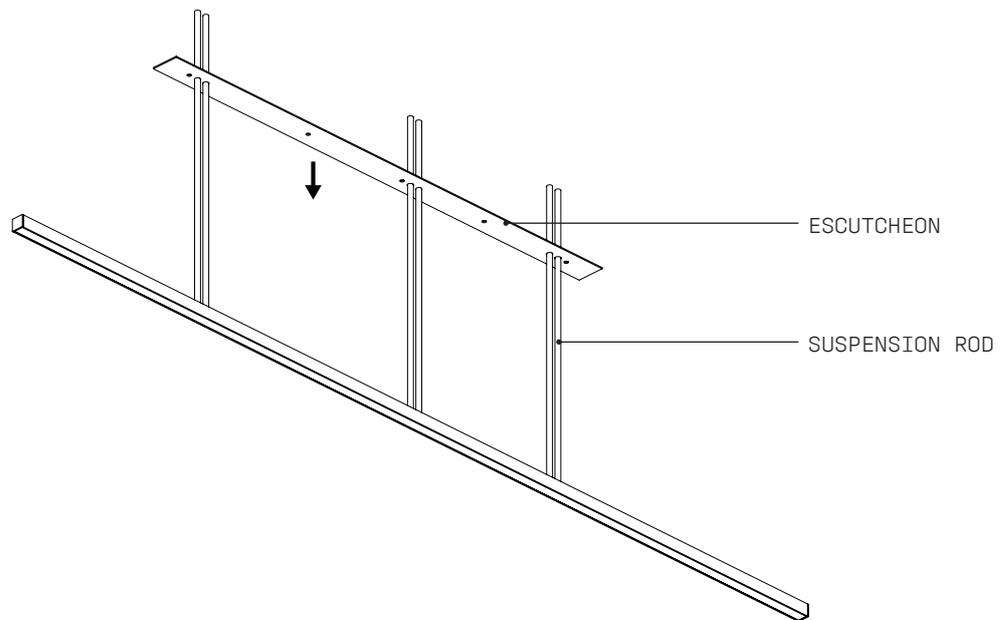
7 Tighten other SUSPENSION RODS onto the ABACUS PENDANT



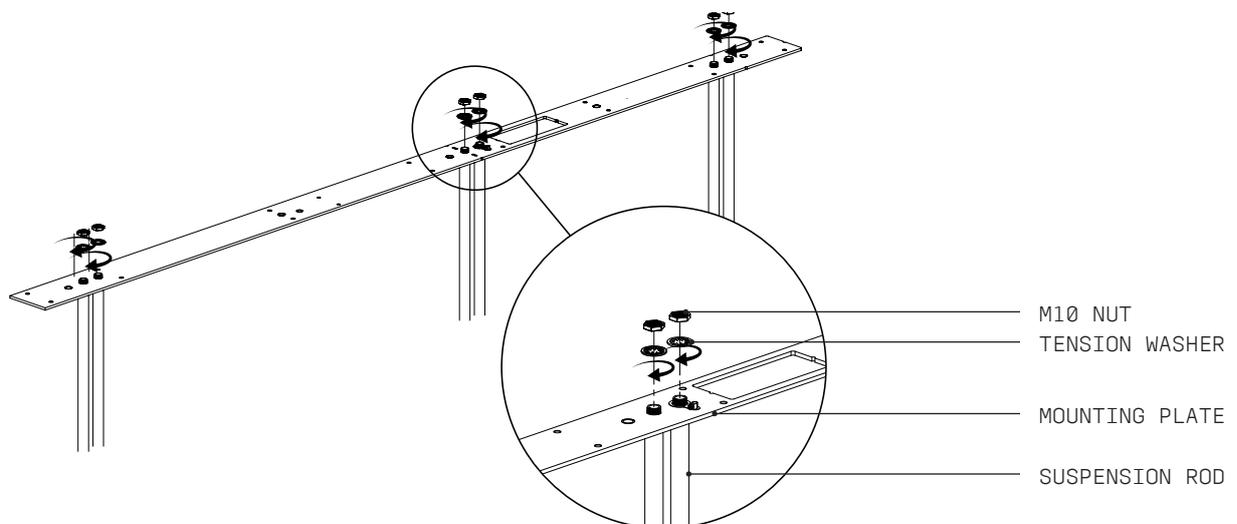
8 If your ABACUS PENDANT requires extra rods to extend the total drop, locate the spacer block on 2 allthreads and tighten next set of rods onto lower set.



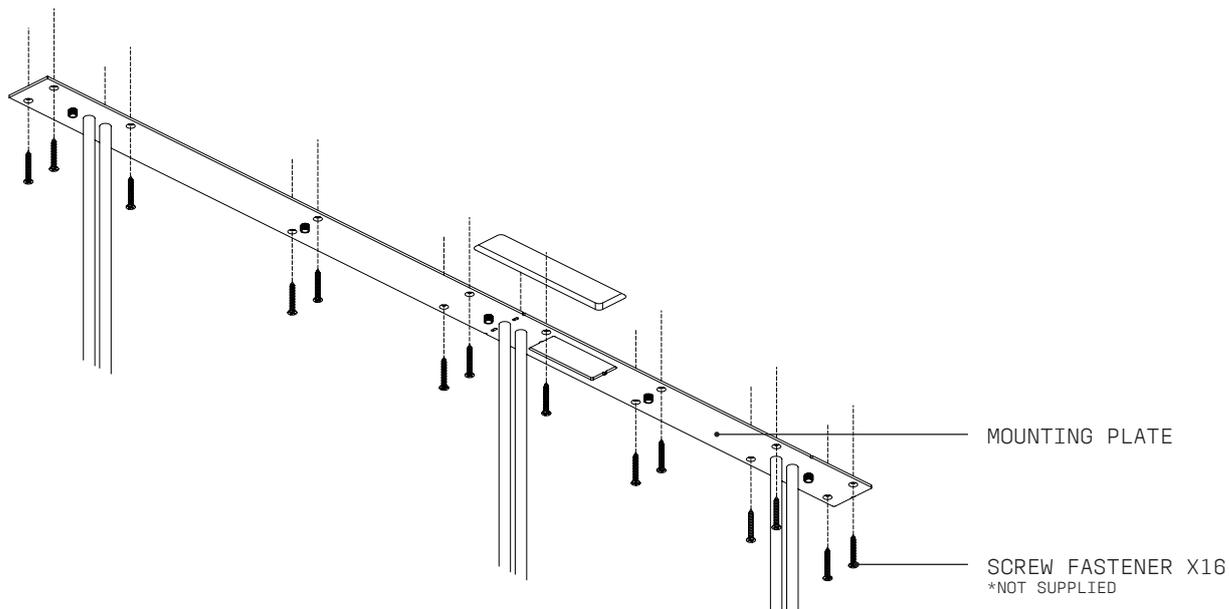
- 9 Carefully lower the ESCUTCHEON onto the 6 SUSPENSION RODS. Ensure not to damage the SUSPENSION RODS as the ESCUTCHEON is being lowered.



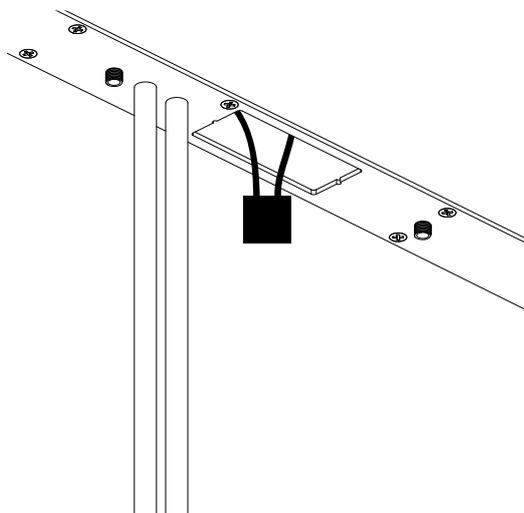
- 10 Place MOUNTING PLATE onto ALL SUSPENSION RODS.
Tightly fasten ALL TENSION WASHERS and M10 NUTS onto SUSPENSION RODS



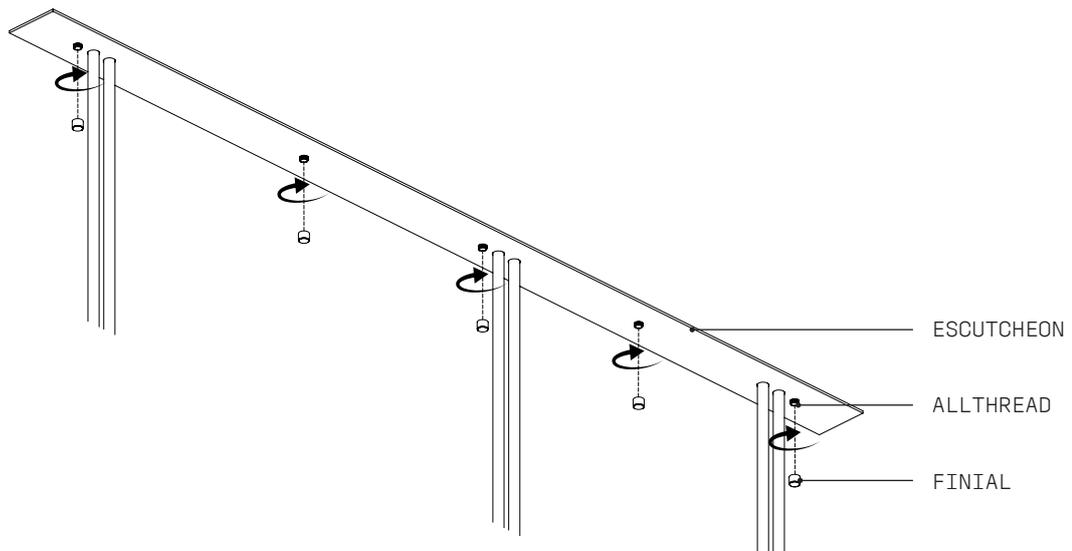
11 Attach the MOUNTING PLATE to the prepared Substrate with appropriate Fasteners.



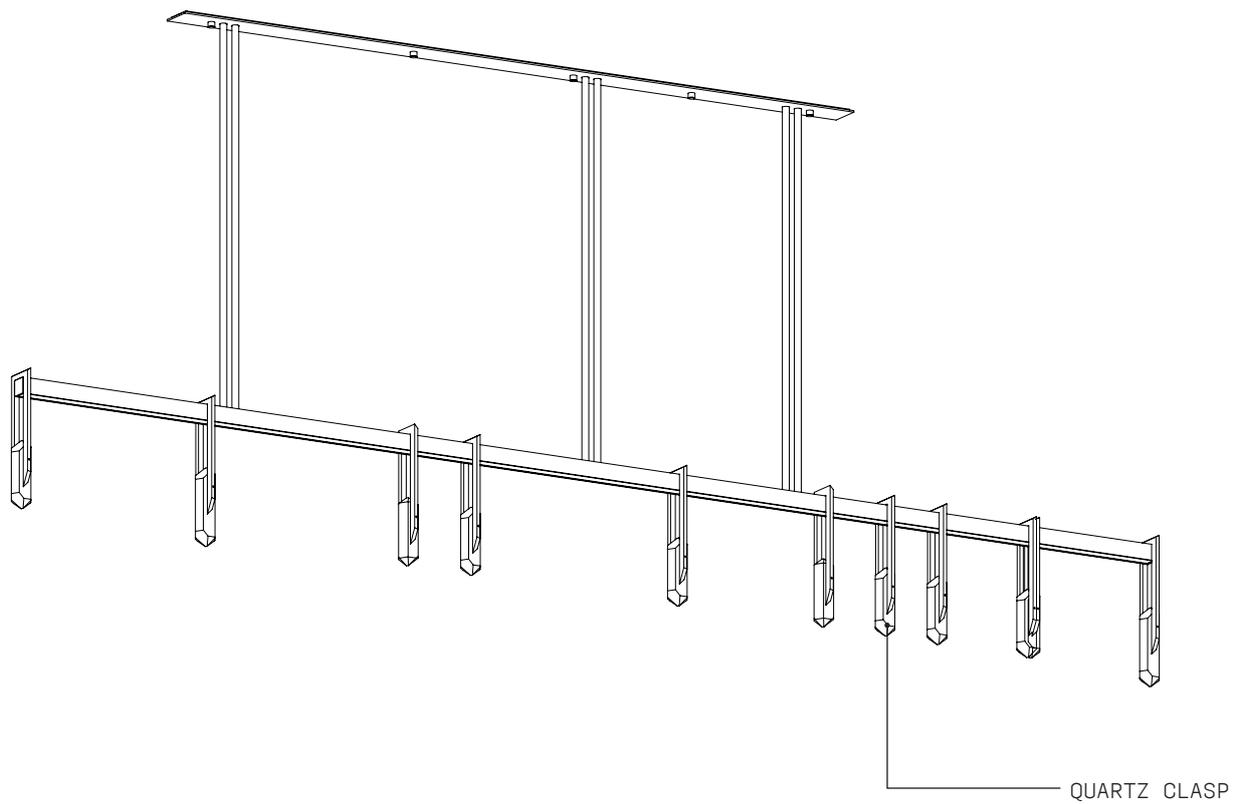
12 Connect the 110-240V AC Power to the POWER SUPPLY UNIT.
Connect the POWER CABLE from the PENDANT to the POWER SUPPLY UNIT.
Refer to supplied WIRING DIAGRAM →



- 13 Carefully raise ESCUTCHEON to the ceiling until the 5x M10 threads are exposed and tighten a FINIAL onto each thread.
— Ensure not to damage the SUSPENSION ROD as the ESCUTCHEON is being raised.



- 12 — Conduct a final visual assessment of both the canopy and pendant to ensure all parts have been properly fitted and secured. Once satisfied that everything is in working order, carefully place QUARTZ CLASPS onto the pendant which will now complete the installation process.



FINISH