OKI-DUO

Installation and Operating Instructions

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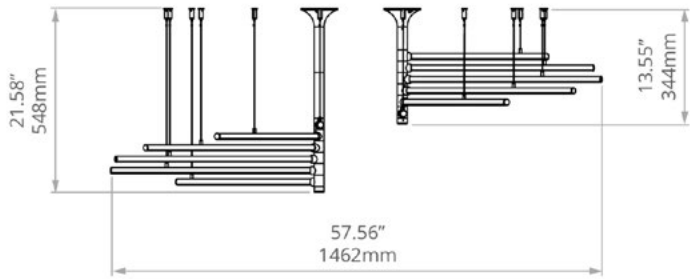
Ready-made fixture

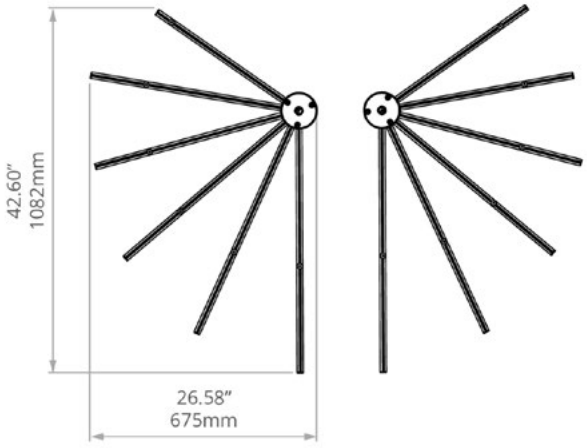
Suspended mounting

CE • LVD • EMC • RoHS

24 V DC

DIMENSIONS:

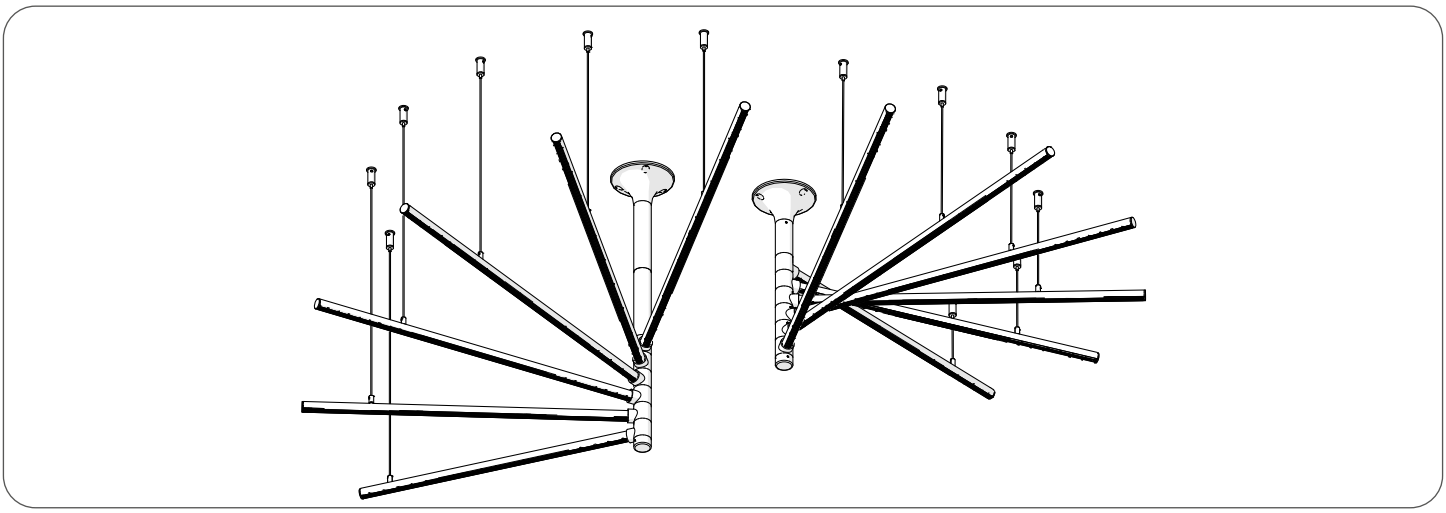




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OKI-DUO

OKI-DUO is a modular lighting fixture designed for suspended installation. The manual describes preparation of two power supply points, installation of suspensions, connection of linear modules, and adjustment of the ready-made assembly.



THE SET INCLUDES:

- OKI-DUO fixture (ready-made)
- Suspension elements / mounting accessories (according to configuration)
- Manual

SET DOES NOT INCLUDE

- Screws and wall plugs selected for the substrate (not always included)
- Control elements (if present in the fixture version)

REQUIRED TOOLS

- drill,
- spirit level,
- screwdriver

SAFETY

- Disconnect the power supply before installation, cleaning, and servicing.
- Installation and connection should be performed by qualified personnel.
- Do not modify the fixture. Use only compatible elements.
- Do not use the product if it is damaged.

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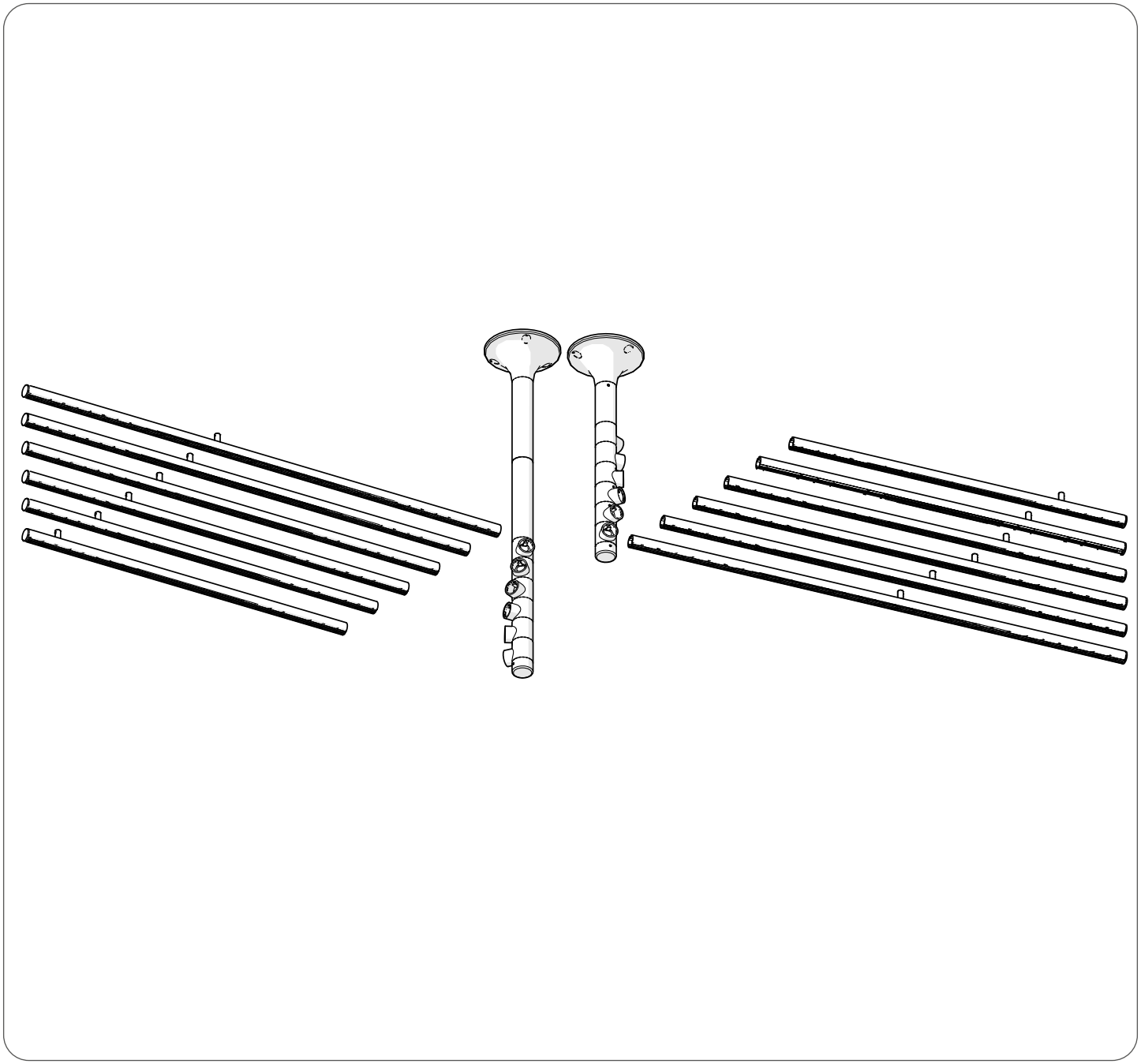
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Identification of components

- Before starting work, lay out, identify, and organize all components of the set.

Step 1 - Lay out and check components

- Lay out all parts on a clean, flat surface.
- Separate linear modules intended for the left and right column.
- Identify ceiling bodies, profiles, steel cables, mountings, covers, and connecting elements.
- Compare the number, length, and shape of parts with the drawing and configuration of the ordered fixture.
- Check if elements are not damaged, deformed, or incomplete.



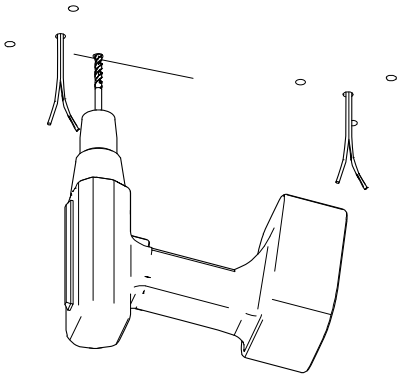
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Installation and connection of ceiling bodies

- Prepare two mounting points and power supply cables according to the fixture layout.

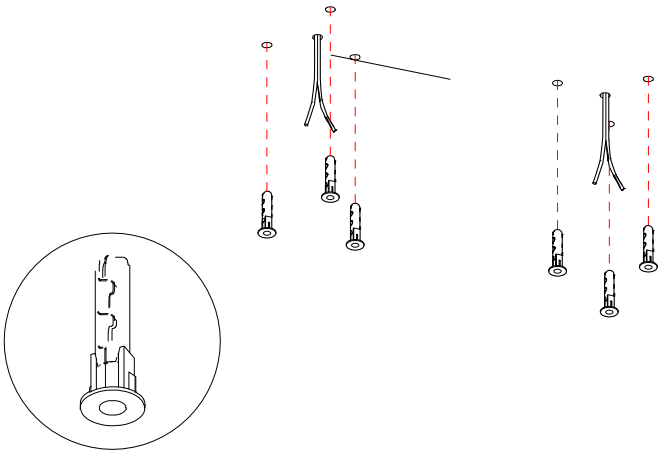
Step 1 - Mark and drill holes

- Disconnect the power supply and protect installation cables from damage.
- Mark the location of both ceiling bodies according to the project or mounting template.
- Check spacing and axes of bodies and location of cables coming out of the ceiling.
- Drill holes with a drill bit suitable for the type of substrate.
- Before drilling, make sure that no hidden utilities run through the hole locations.



Step 2 - Seat wall plugs

- Clean the drilled holes from dust and loose material.
- Insert wall plugs into all prepared holes.
- Seat plugs flush with the ceiling surface, without damaging them.
- Check if plugs are stable and do not rotate in the holes.
- In case of an unusual substrate, use a dedicated fastening system with appropriate load capacity.



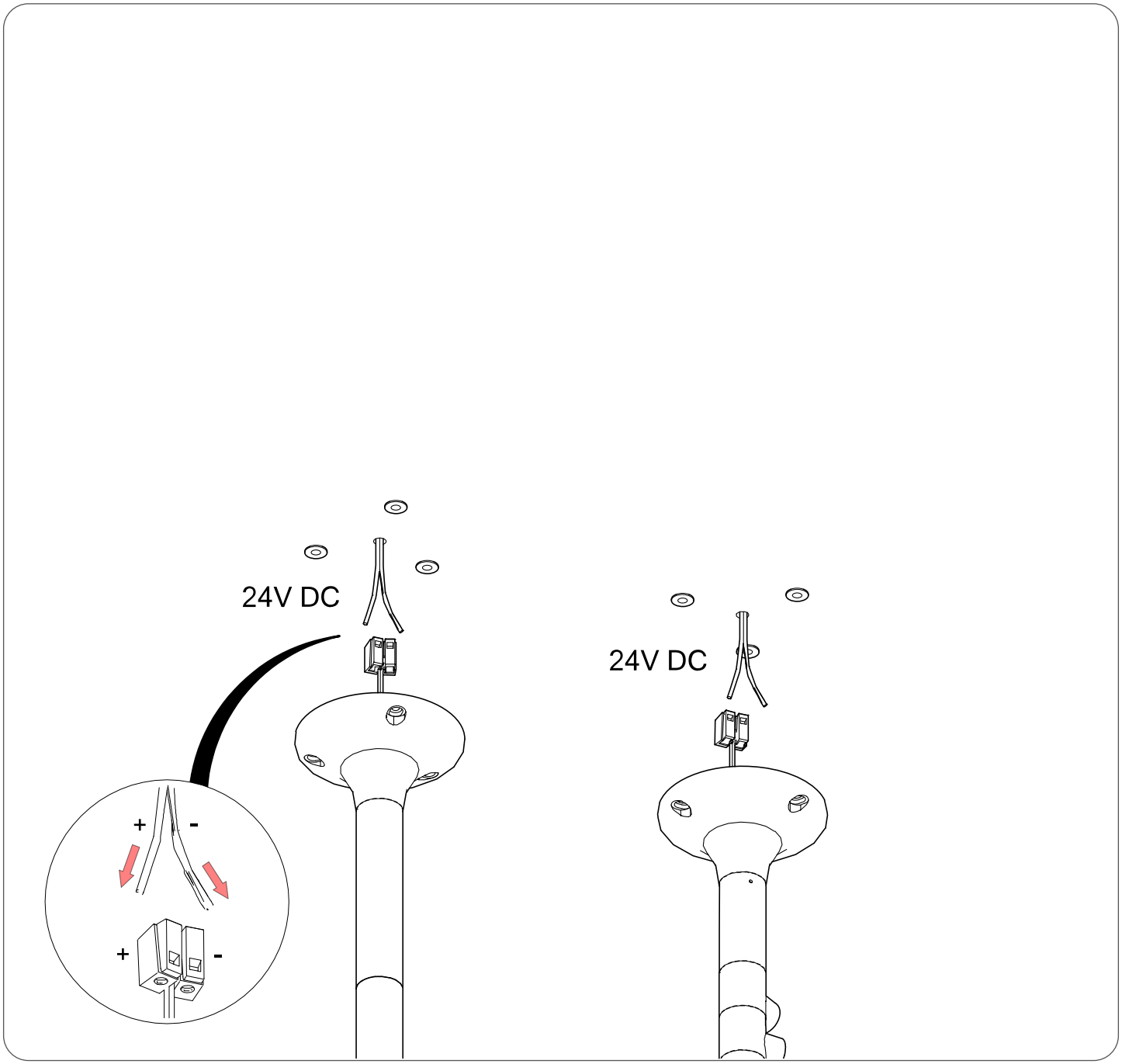
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Installation and connection of ceiling bodies

- Perform electrical connection exclusively with power supply disconnected.

Step 3 - Connect power supply cables

- Confirm absence of voltage in cables intended for connecting the fixture.
- Identify positive (+) and negative (-) wires of the 24V DC installation.
- Connect wires to appropriately marked terminals of the first body.
- Perform an analogous connection for the second body, maintaining the same polarity.
- Check security of connections, absence of exposed cores, and leave a small slack of wire without tension.



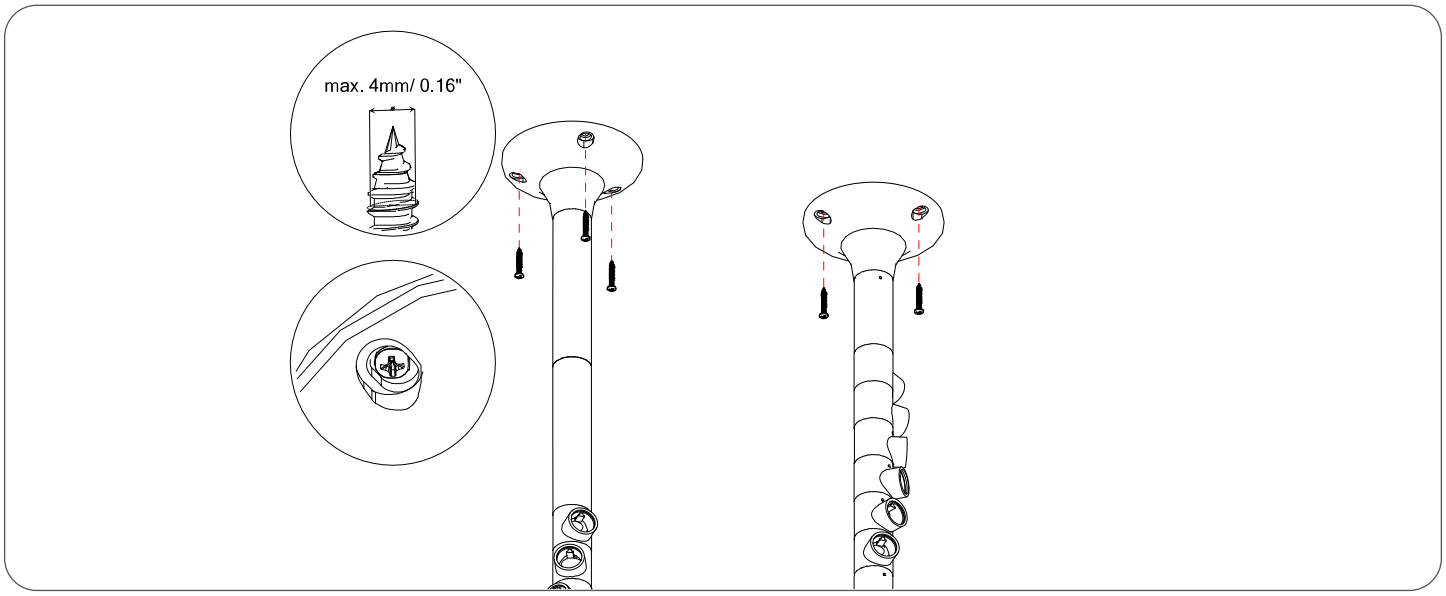
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Installation and connection of ceiling bodies

- Secure both bodies, arrange cables inside bases, and close mounting holes.

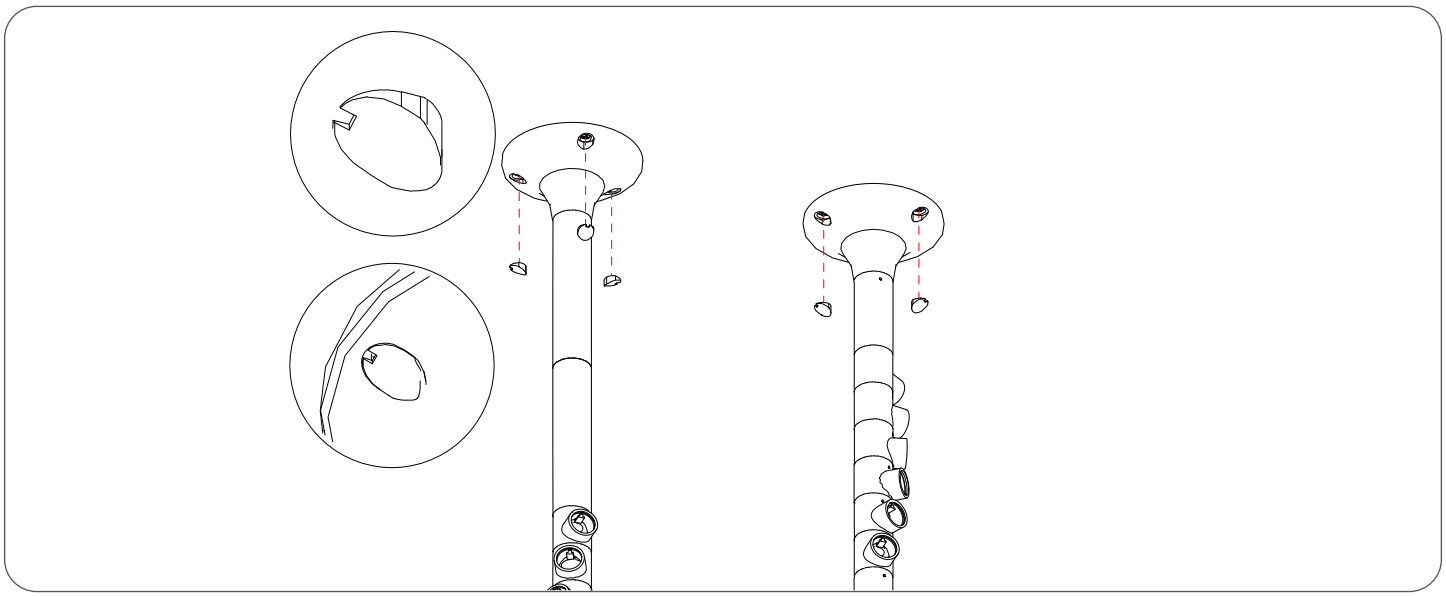
Step 4 - Screw bodies to the ceiling

- Position the first body over prepared holes and carefully arrange cables inside the base.
- Ensure cables are not bent or pinched between body and ceiling.
- Screw base evenly with max. 4 mm diameter screws.
- Repeat action for the second body and check stability of both fastenings.



Step 5 - Install hole caps

- Slide caps into holes located above screw heads.
- Press caps down to flush seating and check if they are securely fixed.



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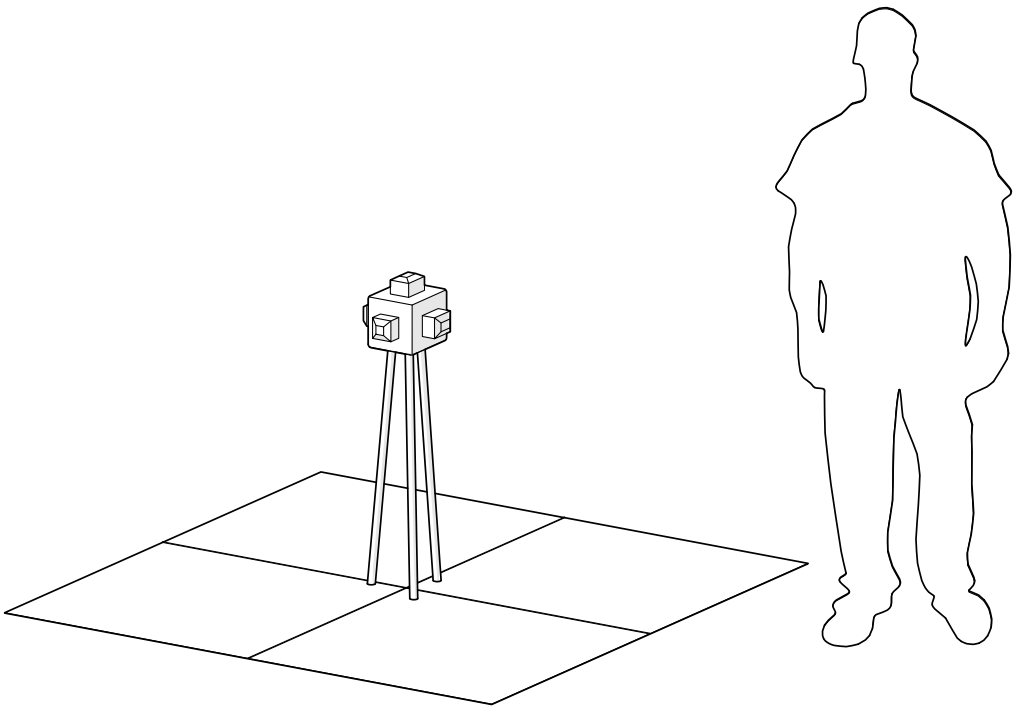
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Installation of ceiling suspensions

- Determine fixture geometry before drilling holes for cable mountings.

Step 1 - Determine layout of suspension points

- Set laser or template according to target position of linear modules.
- Mark axes of both columns and path of each module on the ceiling.
- Transfer suspension points to the ceiling so they are vertically above mountings in profiles.
- Check distances from walls, obstacles, and other installations.
- Before drilling, re-verify spacing, symmetry, and compliance of the entire layout.



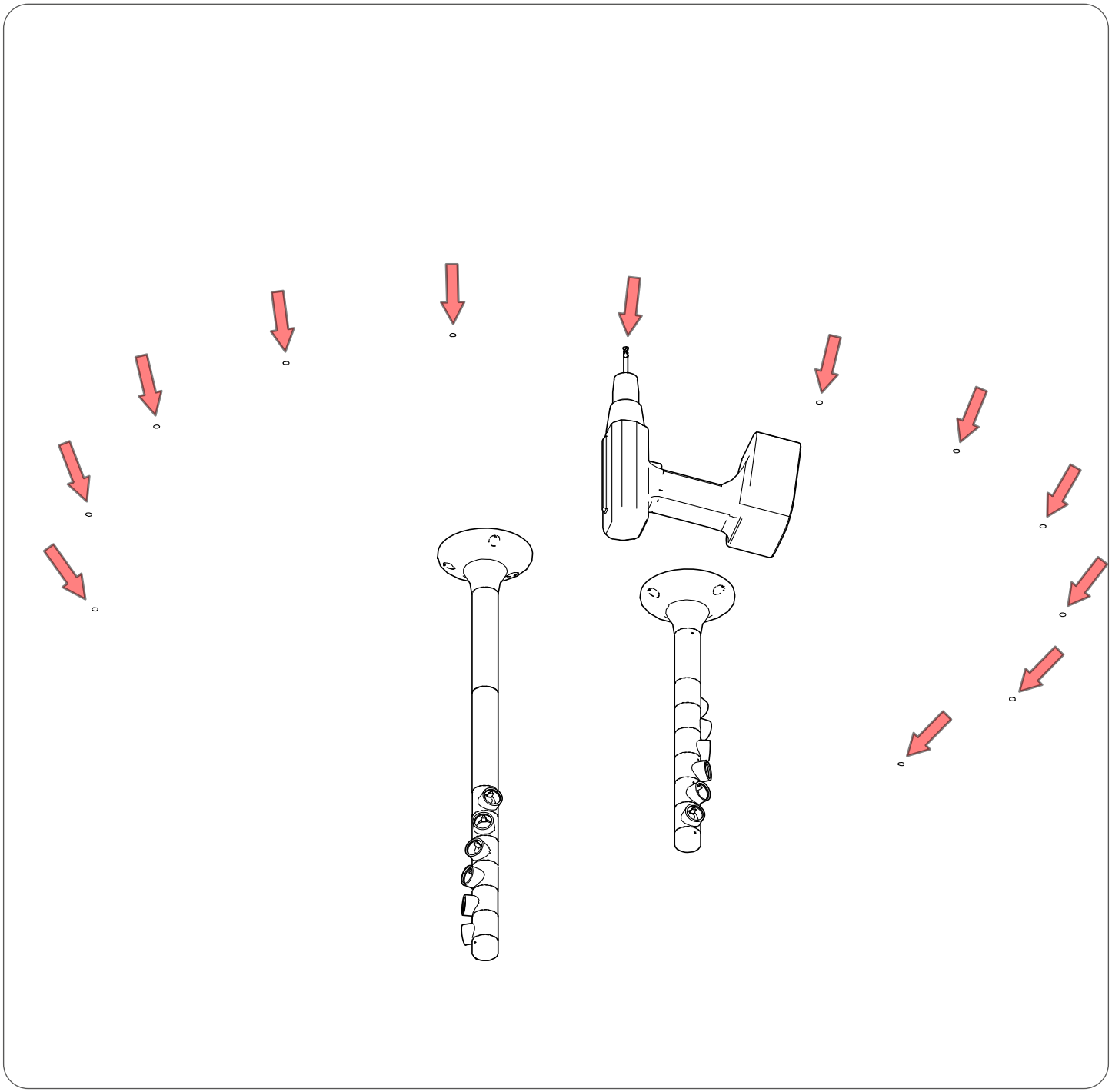
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Installation of ceiling suspensions

- Drill holes at all previously marked suspension points.

Step 2 - Drill holes for mountings

- Check location of all marked points before starting drilling.
- Drill holes with a drill bit selected for ceiling type and wall plugs used.
- Guide drill bit perpendicularly to ceiling surface.
- Be careful not to damage cables or other hidden installations.
- After drilling, clean holes from dust and prepare them for seating mountings.



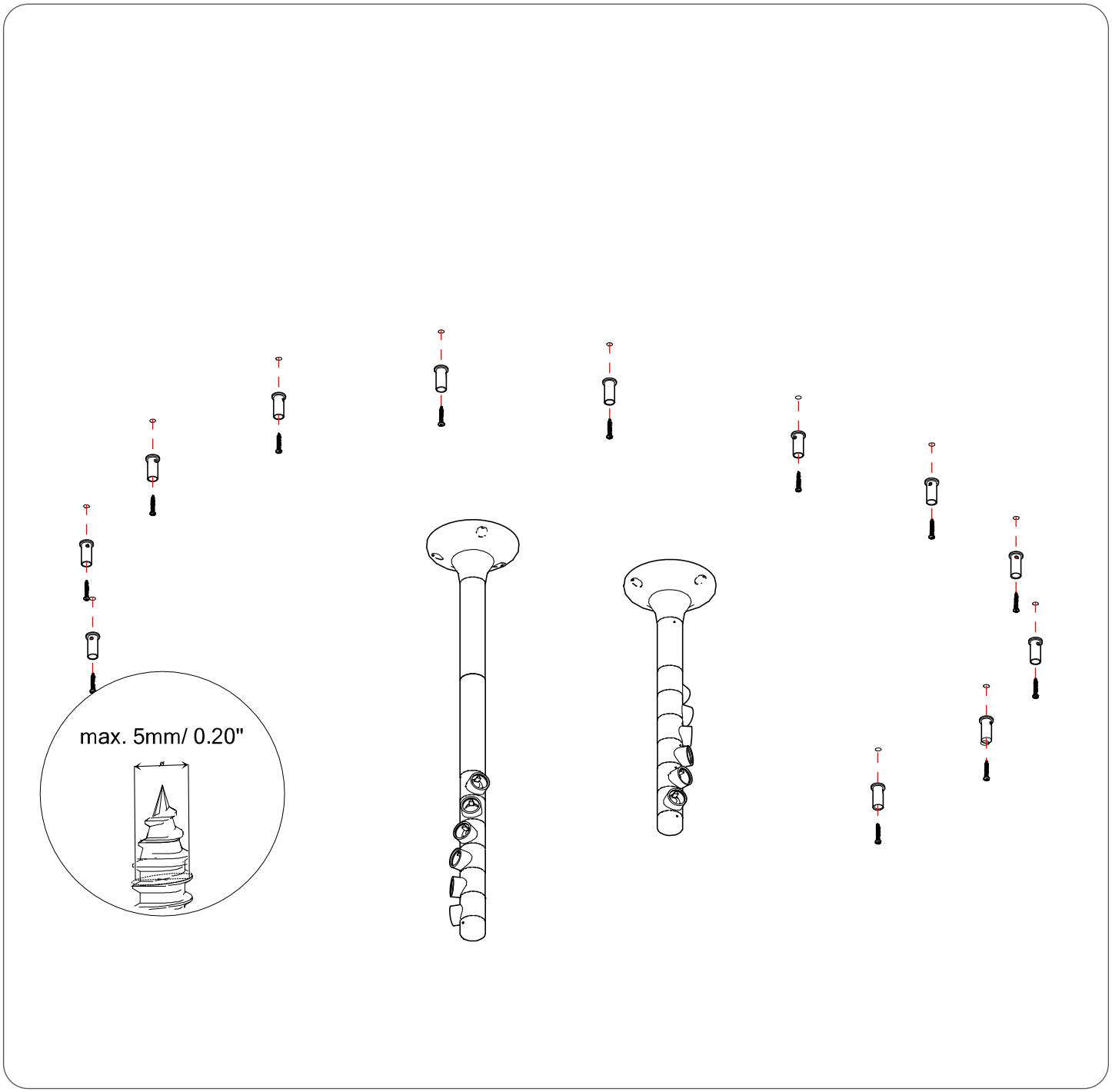
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Installation of ceiling suspensions

- Mount ceiling brackets

Step 3 - Mount ceiling brackets

- Seat wall plugs or other fastening elements suitable for the substrate.
- Screw each ceiling bracket with max. 5 mm diameter screw.
- Tighten brackets evenly, without damaging their surface.
- Align all brackets vertically and at equal depth.
- Check stability of each mounting manually before introducing steel cables.



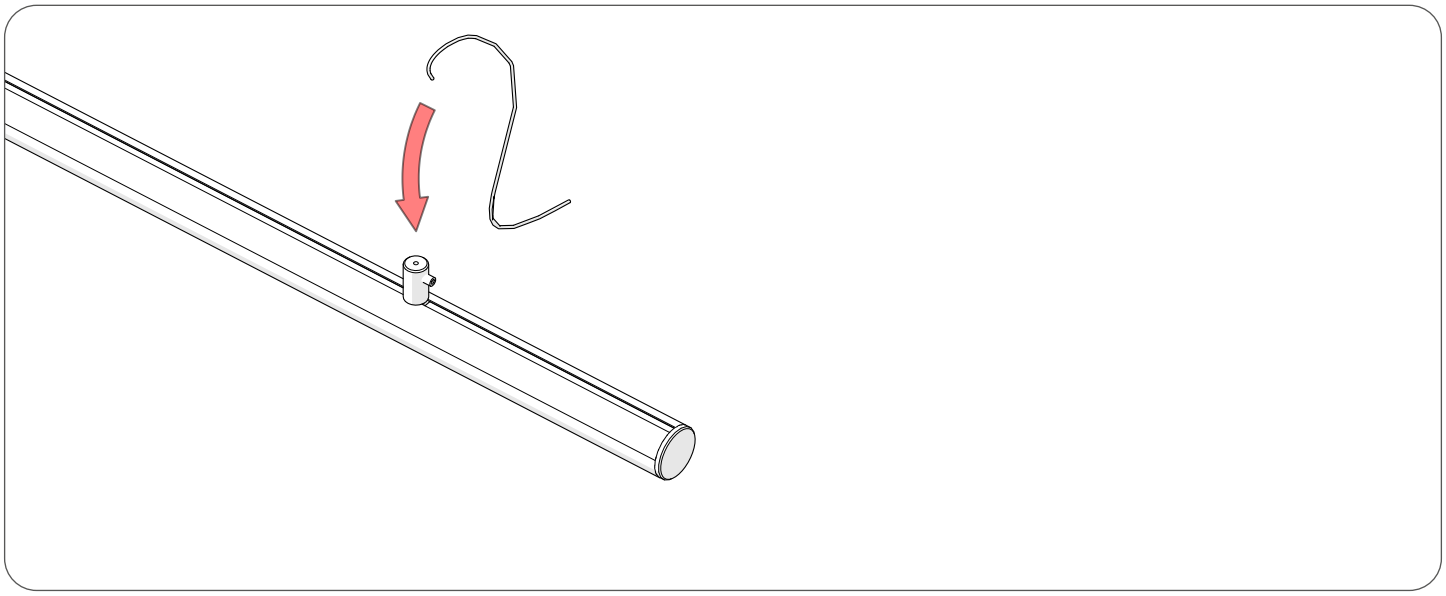
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Preparation of modules and steel cables

- Prepare each module separately, without cutting excess cable before final adjustment.

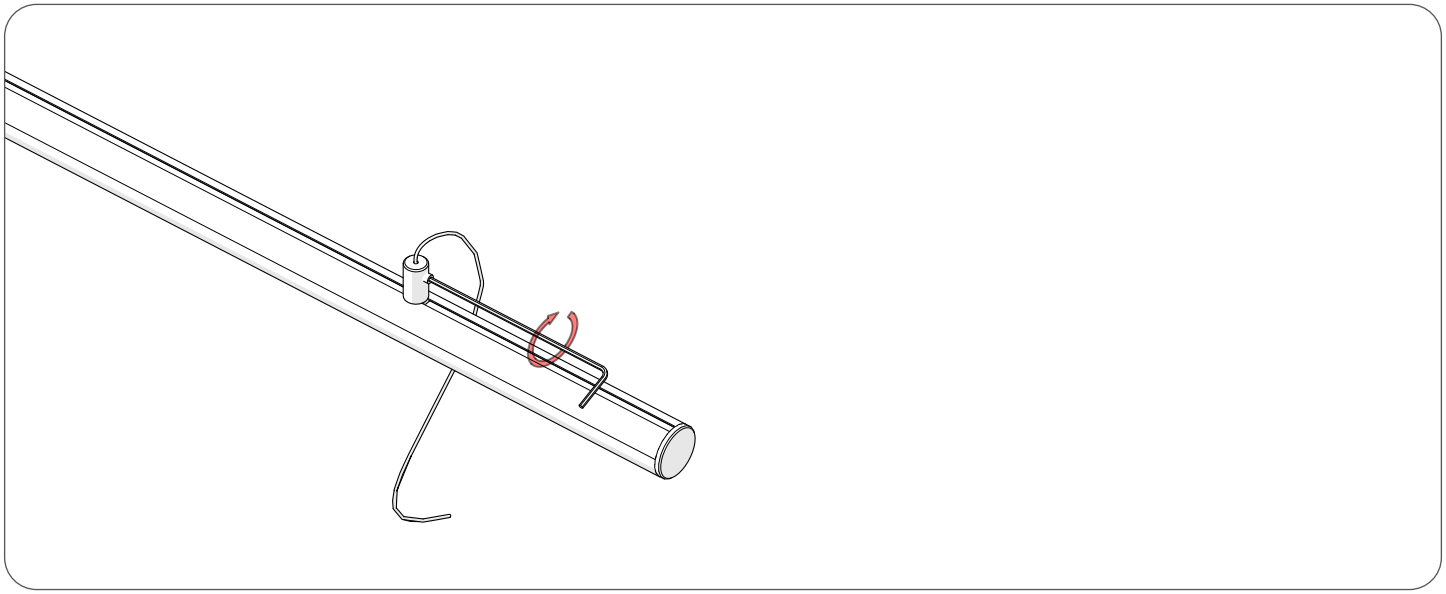
Step 1 - Introduce steel cable into profile mechanism

- Lay module on a clean surface and protect it from scratching.
- Slide end of steel cable vertically into mechanism located on the profile.
- Introduce cable without bends, twists, or damaging its surface.
- Pull lightly on the cable to check lock operation.



Step 2 - Route and secure steel cable

- Route free end of steel cable through guide element according to drawing.
- Arrange cable without twists, leave slack for adjustment, and repeat for all modules.



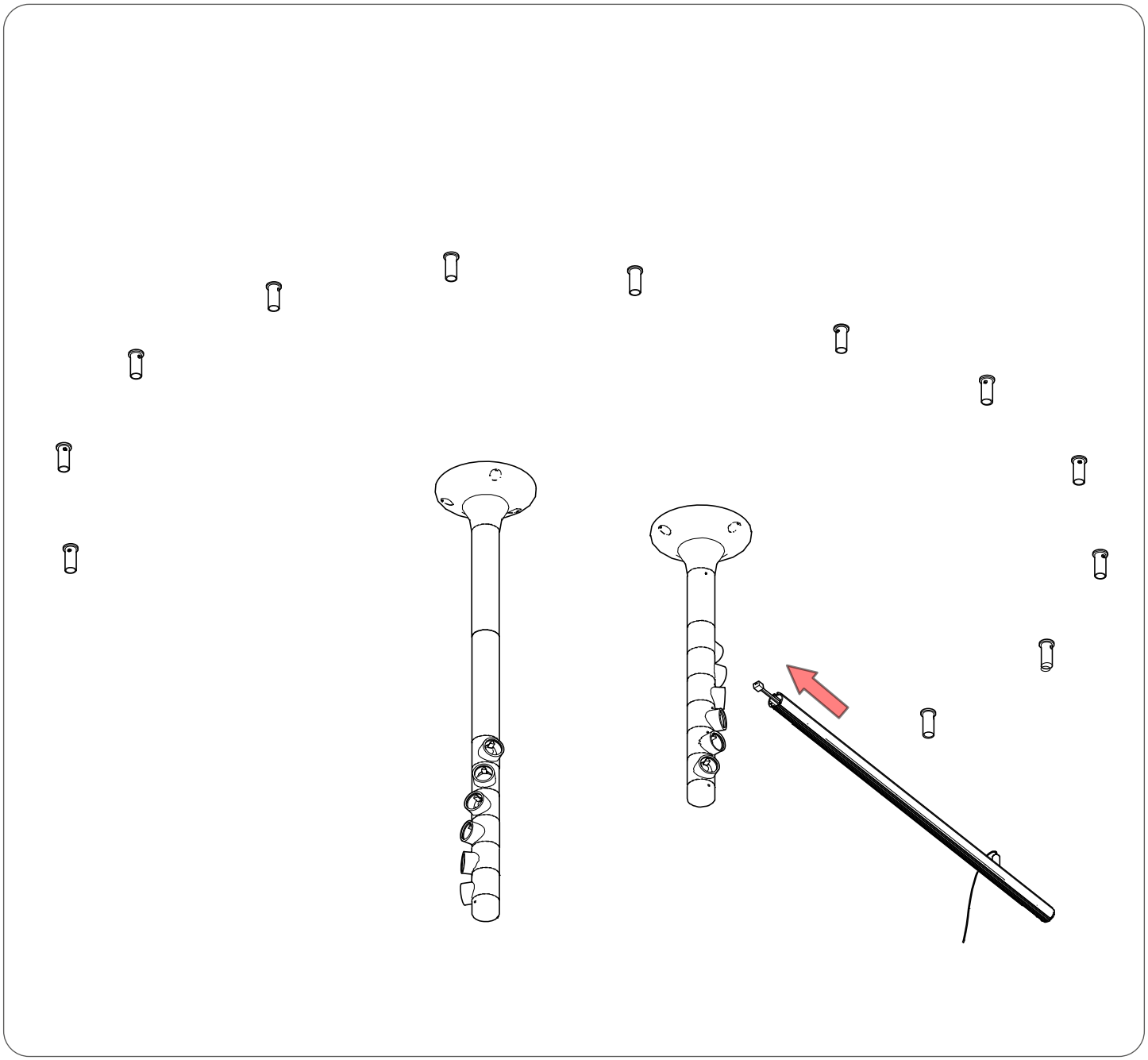
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Installation of linear fixtures

- Perform installation sequentially, starting from fixtures located closest to the columns.

Step 1 - Position fixture at correct column

- Match fixture to appropriate socket in left or right column.
- Lift profile and position its end coaxially with column socket.
- Support second end of profile manually or using prepared steel cable.
- Do not allow weight of profile to load cable or unlocked connector.
- Before connection, check profile direction and location of suspension point.



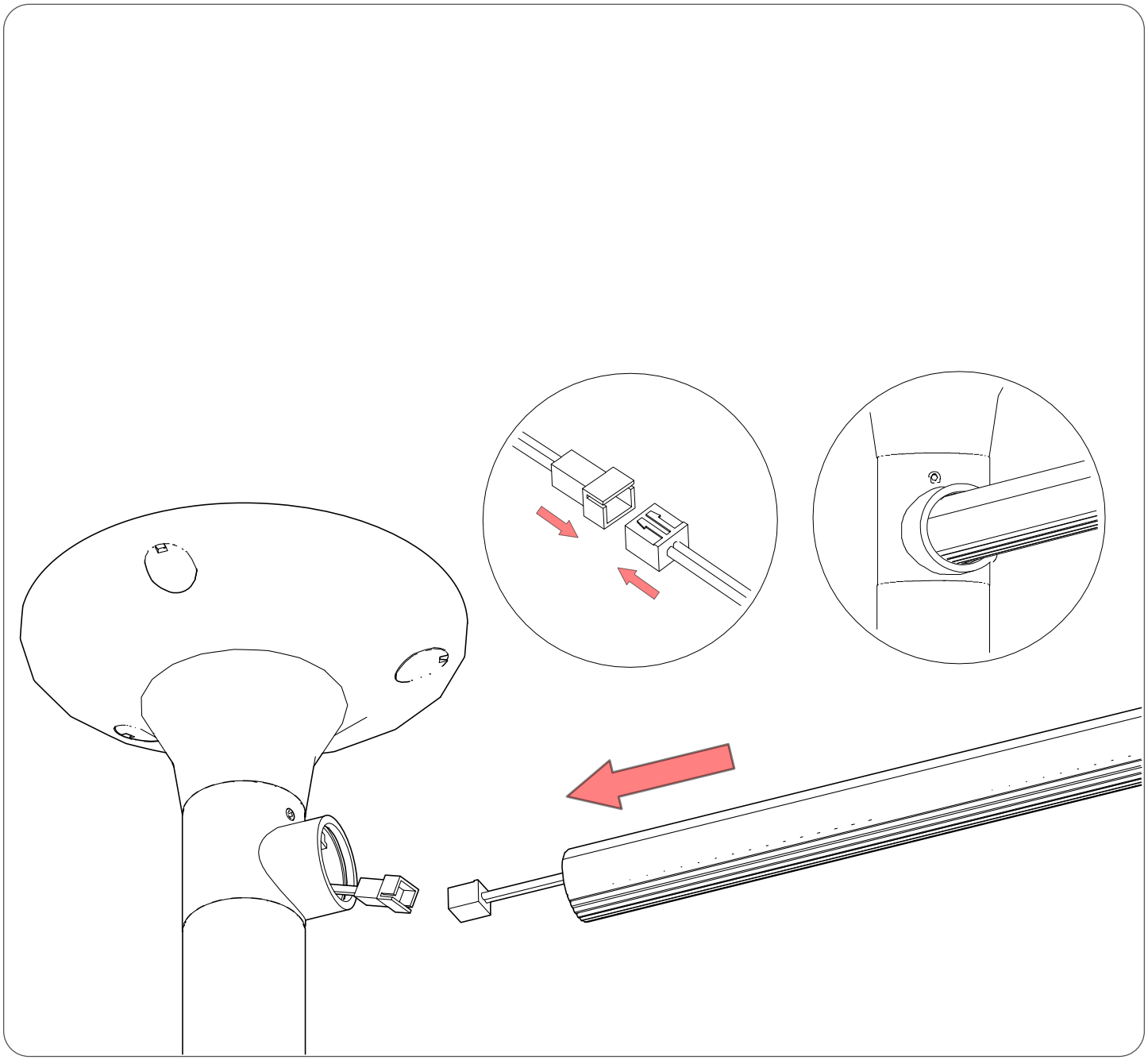
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Installation of linear modules

- Connect each module electrically and mechanically to appropriate column socket.

Step 2 - Connect and secure module

- Match module plug to socket of cable coming out of column.
- Connect connectors according to their shape and markings, without using excessive force.
- Arrange connected cables so they are not pinched during profile insertion.
- Slide end of profile into column socket in direction indicated by arrow.
- Repeat action for subsequent modules, maintaining previously established order.



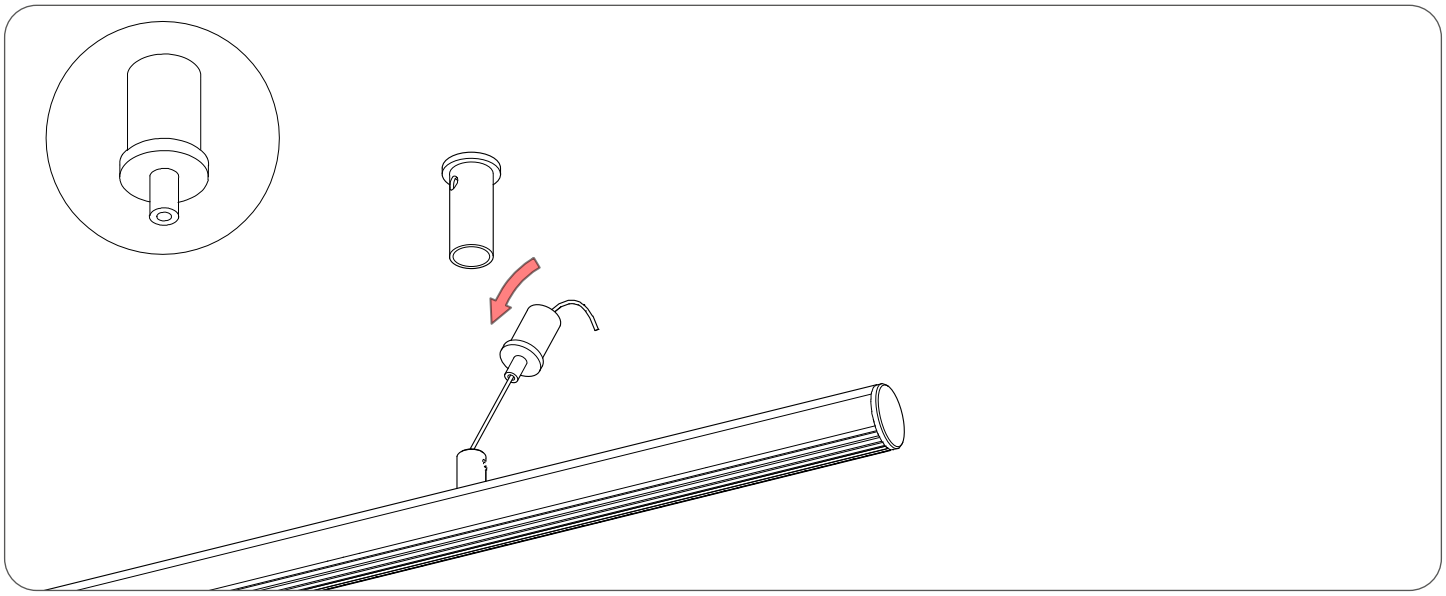
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Installation of linear modules

- After connecting module to column, close and secure its suspension point.

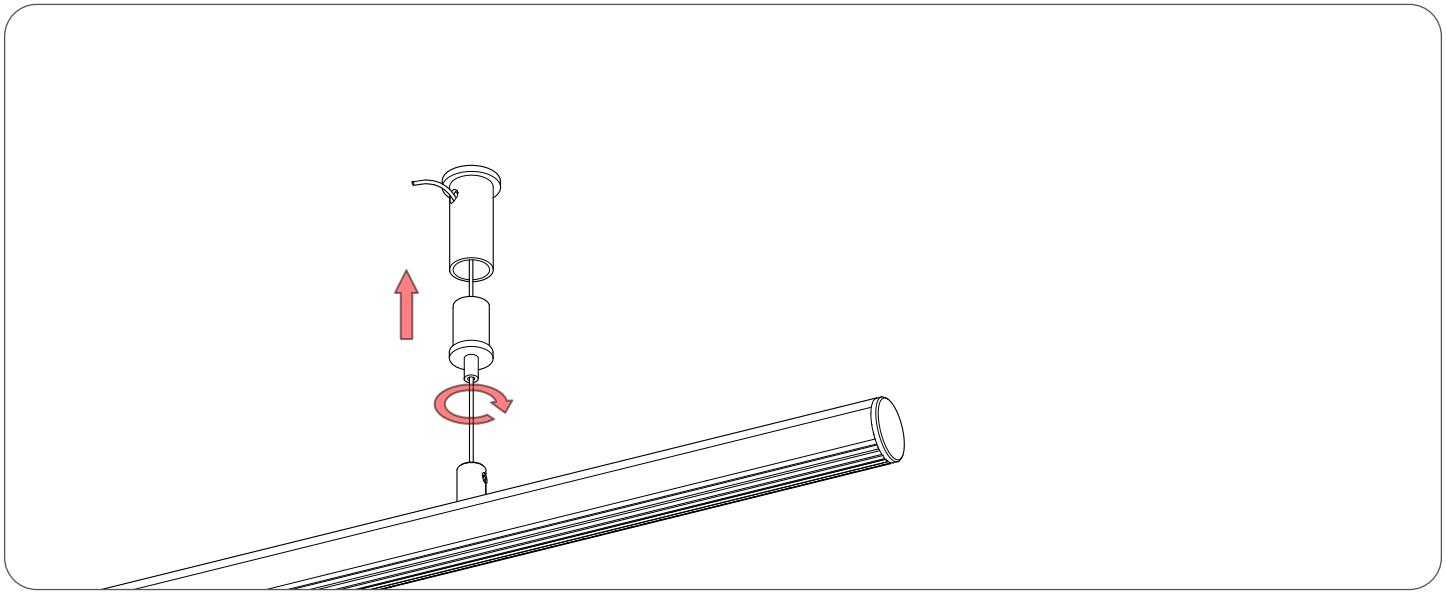
Step 3 - Connect suspension elements

- Support profile until suspension is fully locked.
- Position element located on steel cable directly above pin mounted in profile.
- Lower element onto pin and align both parts coaxially.



Step 4 - Lock suspension sleeve

- Slide sleeve onto connected elements and tighten manually in direction of arrow.
- Check connection under light load and repeat action at all suspension points.



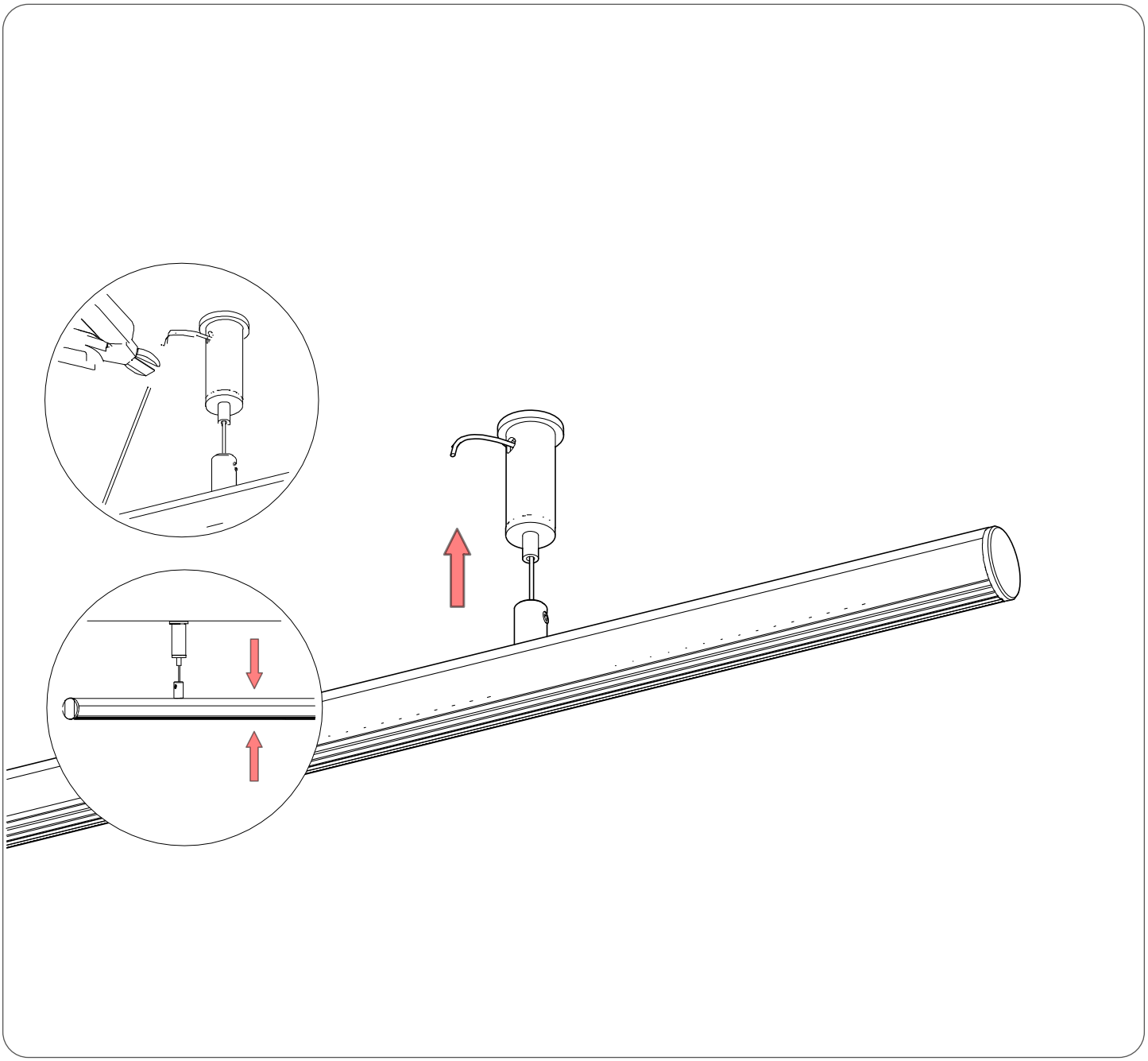
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Adjustment and inspection of the fixture

- After installing all modules, set target height and geometry of entire layout.

Step 1 - Adjust height of modules

- Support profile during any change of cable length.
- To raise profile, introduce cable deeper into locking mechanism.
- To lower profile, release lock as shown in detail and carefully extend cable.
- Adjust subsequent points in small steps, maintaining even support of module.
- Set target level, angles, and gaps between profiles according to project.
- After each adjustment, lightly load profile and ensure mechanism locked cable again.



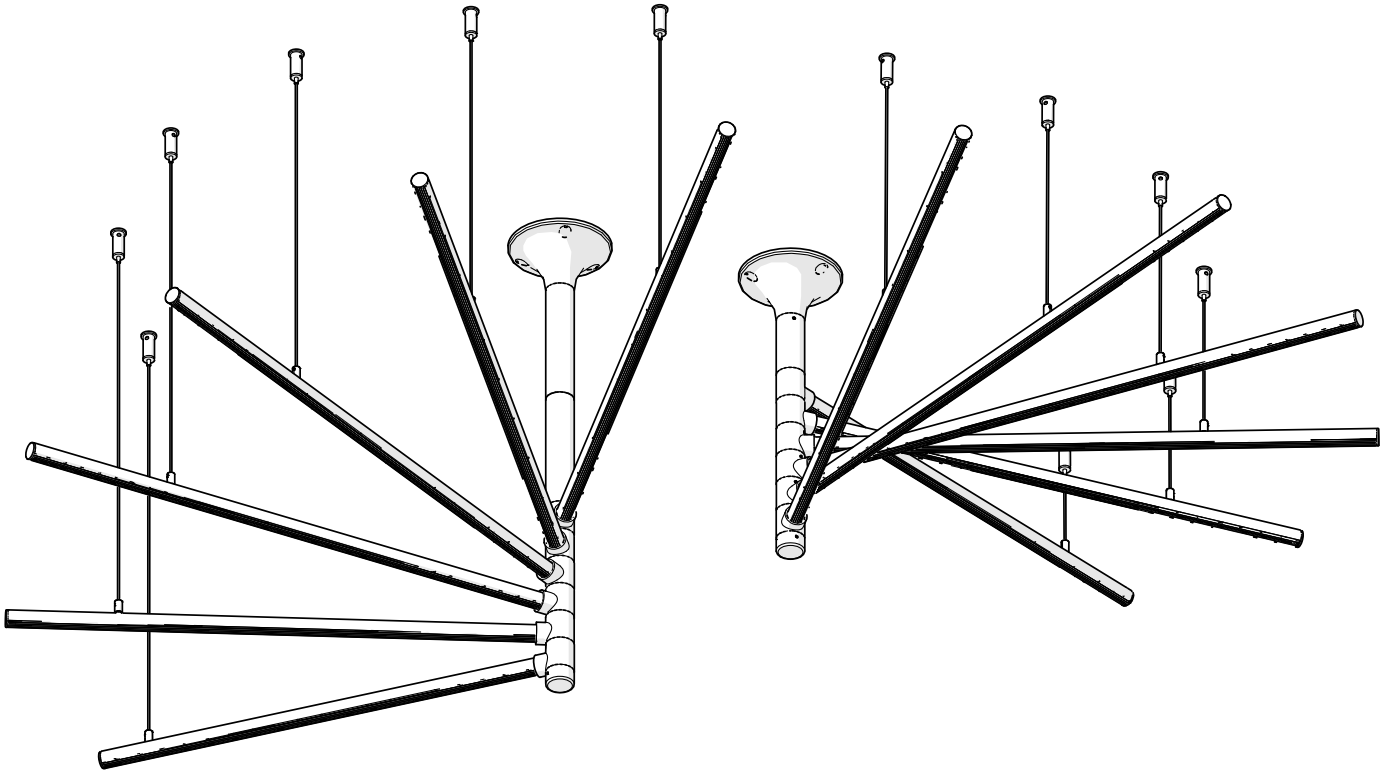
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Adjustment and inspection of the fixture

- Turn on power supply only after completing inspection of all connections and mountings.

Step 2 - Perform final inspection and start the fixture

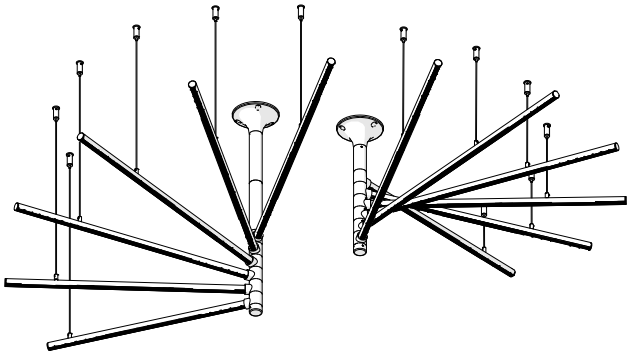
- Check stability of both ceiling bodies and all cable brackets.
- Verify tightening of suspension sleeves and security of profile-to-column connections.
- Check level, height, angles, and gaps between modules.
- Ensure steel cables and power wires are not twisted, strained, or pinched.
- Check that correct polarity is maintained in all connectors and there are no exposed wires.
- After completing inspection, turn on 24V DC power supply and check operation of each module.



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Maintenance, disposal, USA compliance



CLEANING:

- Clean with a dry or slightly damp cloth.
- Do not use abrasive cleaners or aggressive chemicals.

DISPOSAL

- Do not dispose of with household waste.
- Dispose of the luminaire at an authorized electrical and electronic equipment recycling facility in accordance with local regulations.

COMPLIANCE

- This product complies with applicable EU directives and relevant standards (including PN-EN 60598-1).
- For the USA market, the product must be installed in accordance with the National Electrical Code (NEC) and local regulations.

*** LUMINAIRE DISASSEMBLY**

Disassembly must be performed in reverse order of installation.
All operations must be carried out with the power supply switched off.

WARNING!

BEFORE STARTING DISASSEMBLY, DISCONNECT THE MAINS POWER SUPPLY (120V / 277V AC) TO THE REMOTE DRIVER.
ENSURE THE LUMINAIRE IS PROPERLY SUPPORTED DURING REMOVAL TO PREVENT IT FROM FALLING.

- Switch off the power and verify that no voltage is present in the circuit.
- Disconnect the 24V DC supply from the 2-pin terminal block.
- Support the luminaire and release it from the suspension system.
- Loosen the adjustment mechanism and remove the suspension cables, if applicable.
- Remove the ceiling mounting hardware (screws, anchors), if required.

After completing disassembly, secure the installation wiring in accordance with applicable regulations.

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