OKI-DUO

Installation and Operating Instructions

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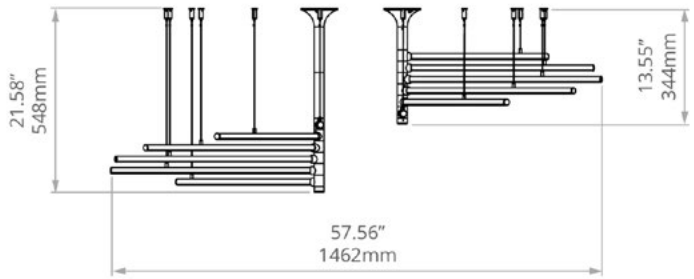
Ready-made fixture

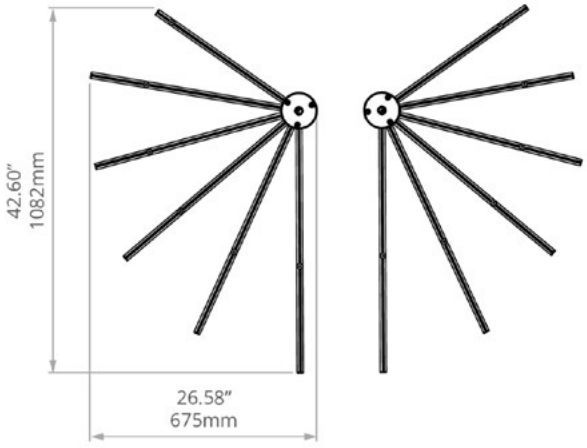
Suspended mounting

CE • LVD • EMC • RoHS

24 V DC

DIMENSIONS:

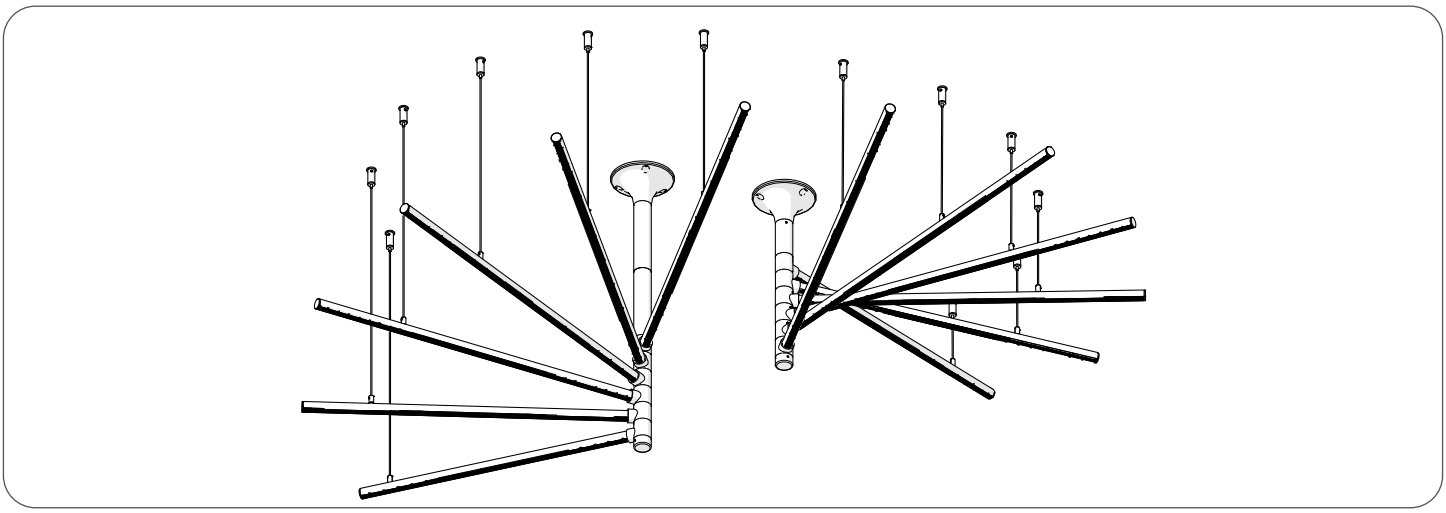




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OKI-DUO is a modular lighting fixture designed for suspended installation. The manual describes preparation of two power supply points, installation of suspensions, connection of linear modules, and adjustment of the ready-made assembly.



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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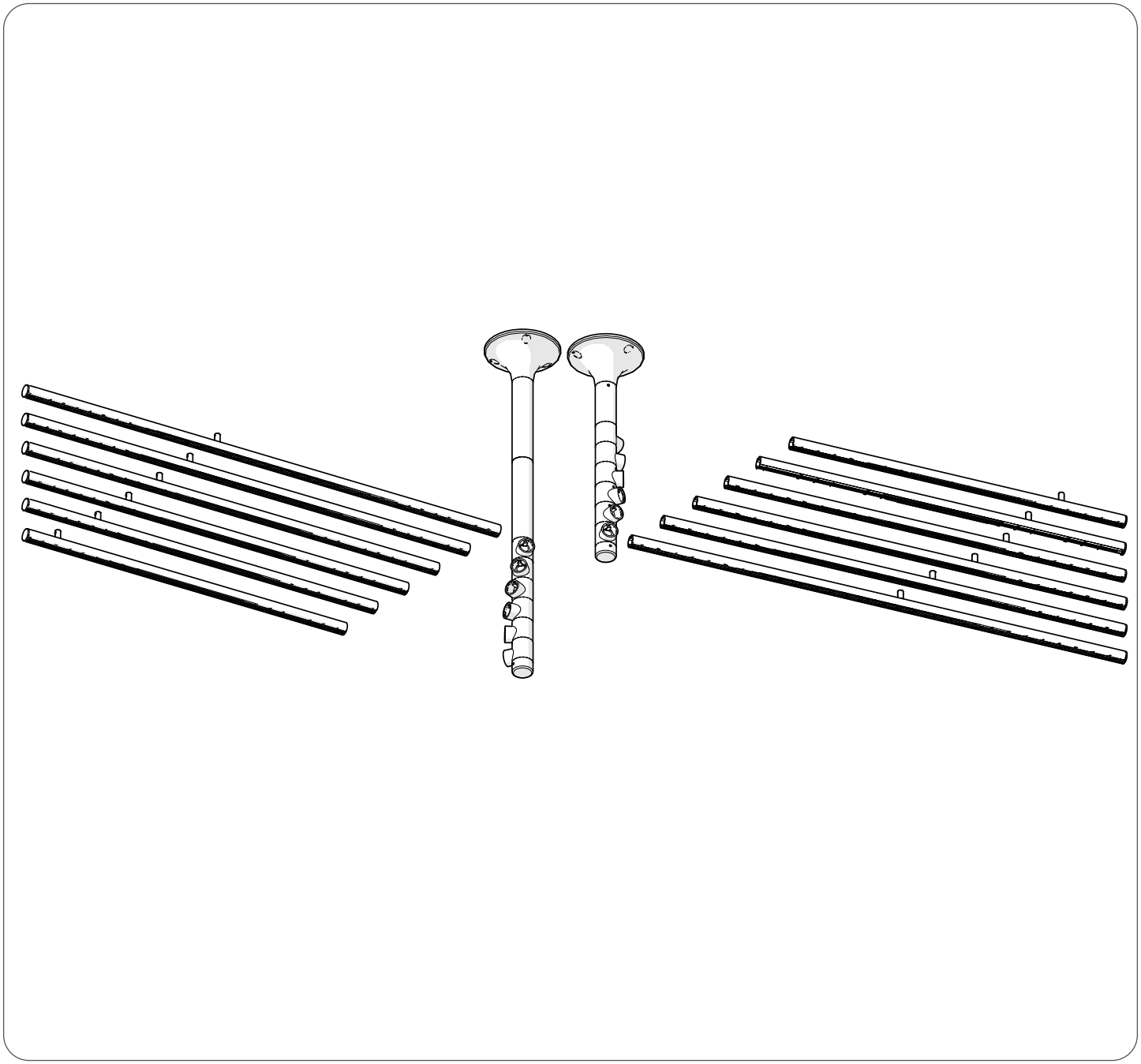
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Identification of components

- 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.



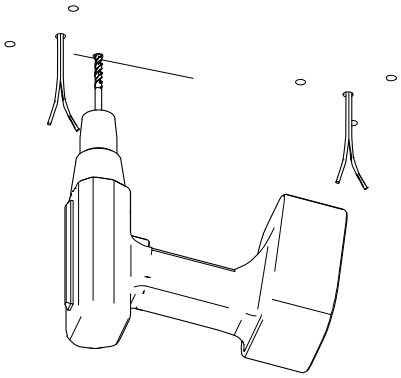
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Installation and connection of ceiling bodies

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

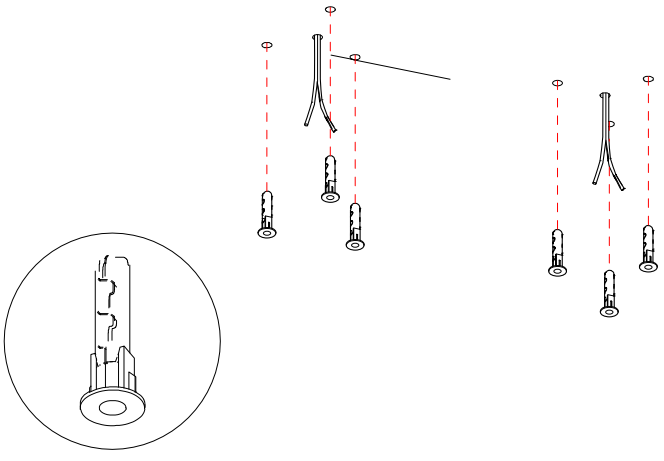
Step 1 - Mark and drill holes

- 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.



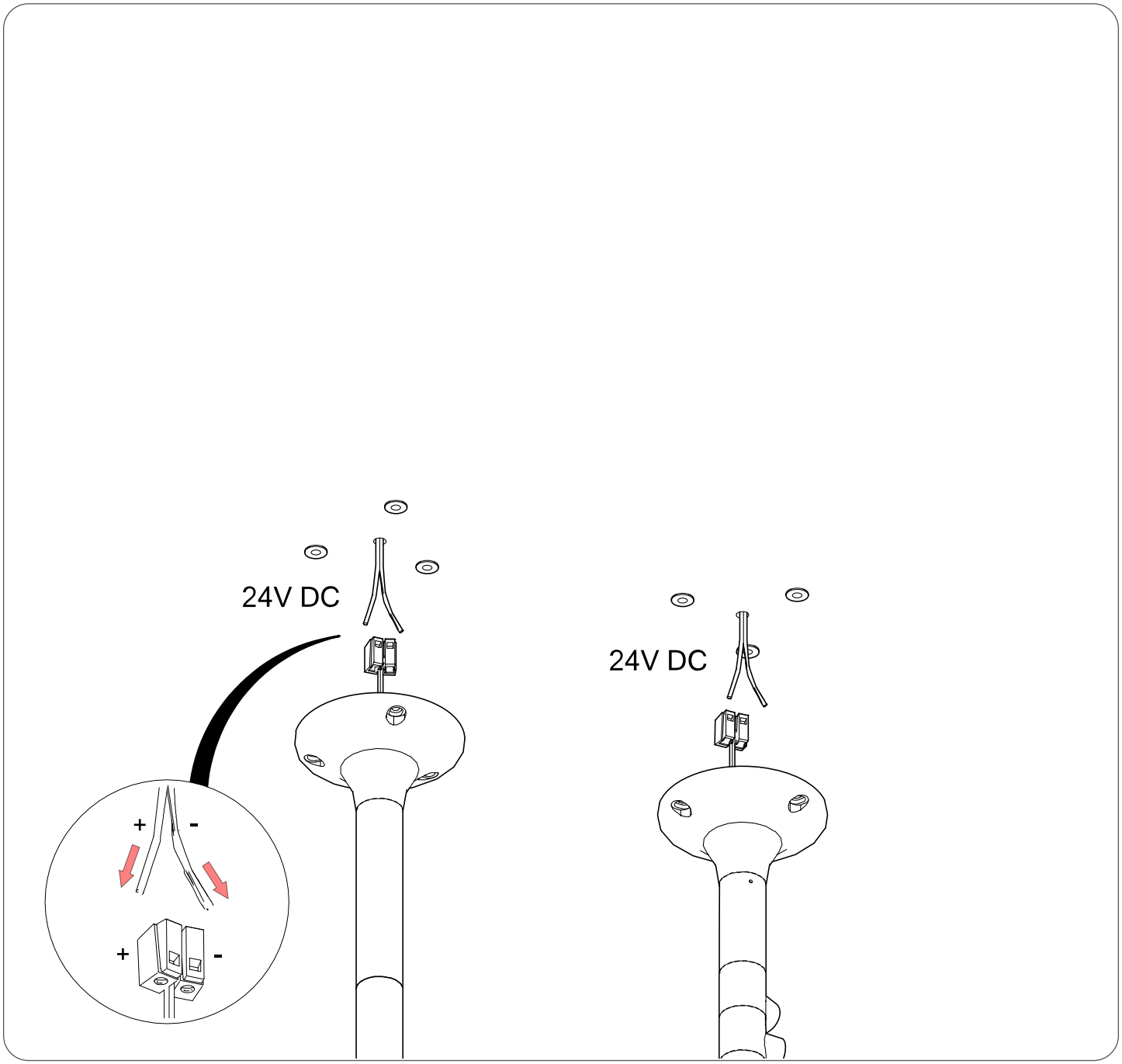
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Installation and connection of ceiling bodies

- 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.



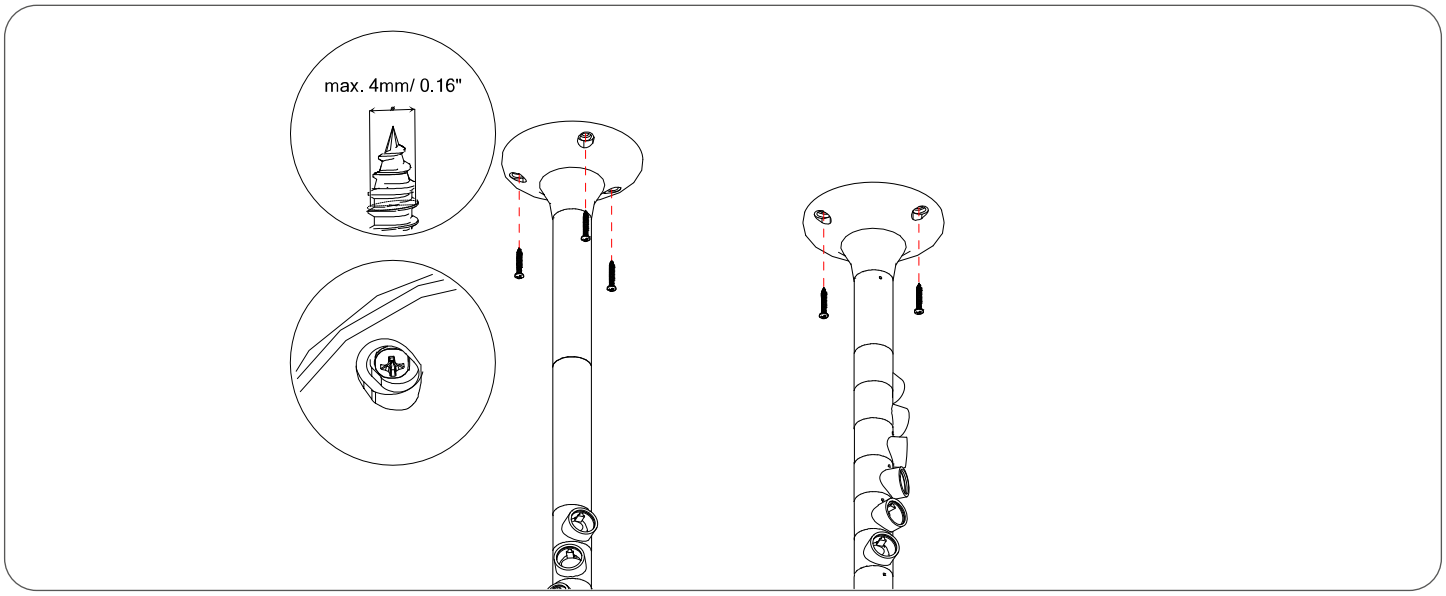
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Installation and connection of ceiling bodies

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

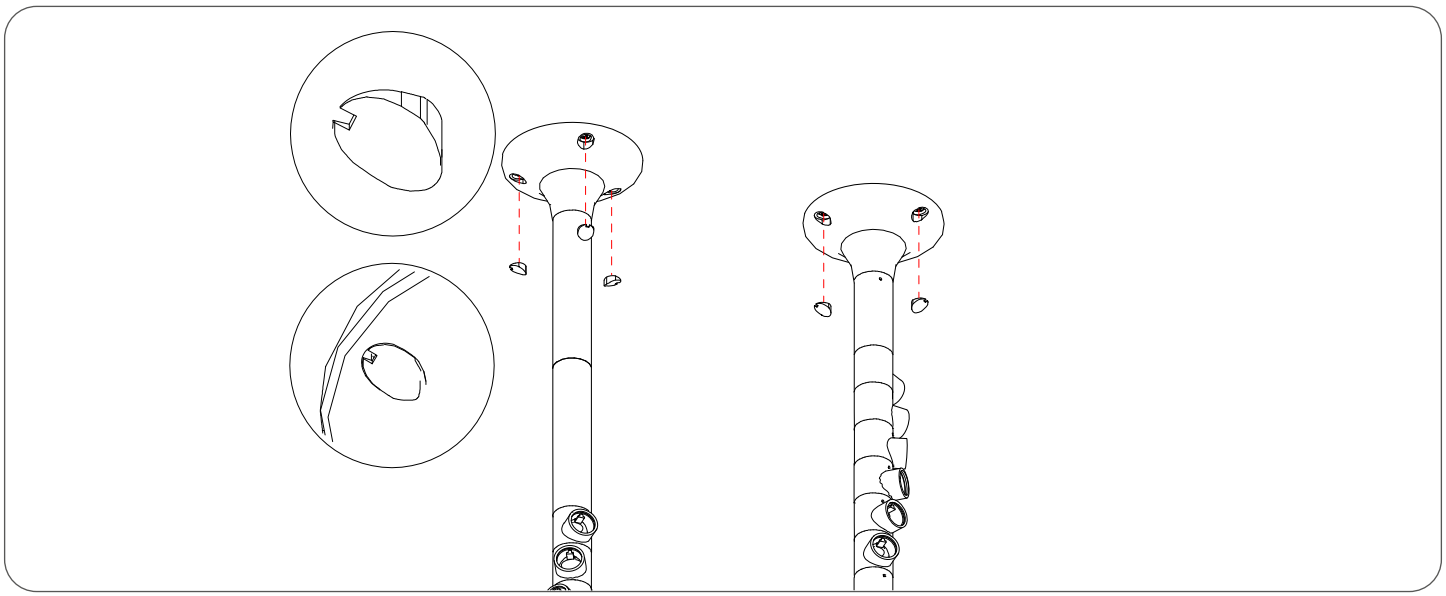
Step 4 - Screw bodies to the ceiling

- 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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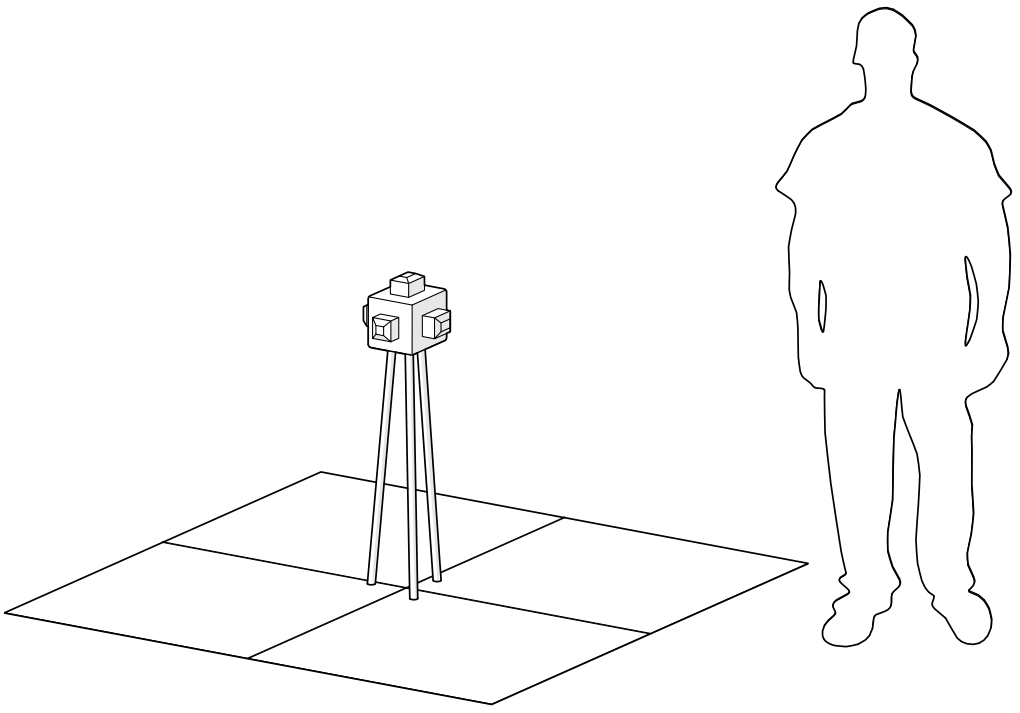
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Installation of ceiling suspensions

- 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.



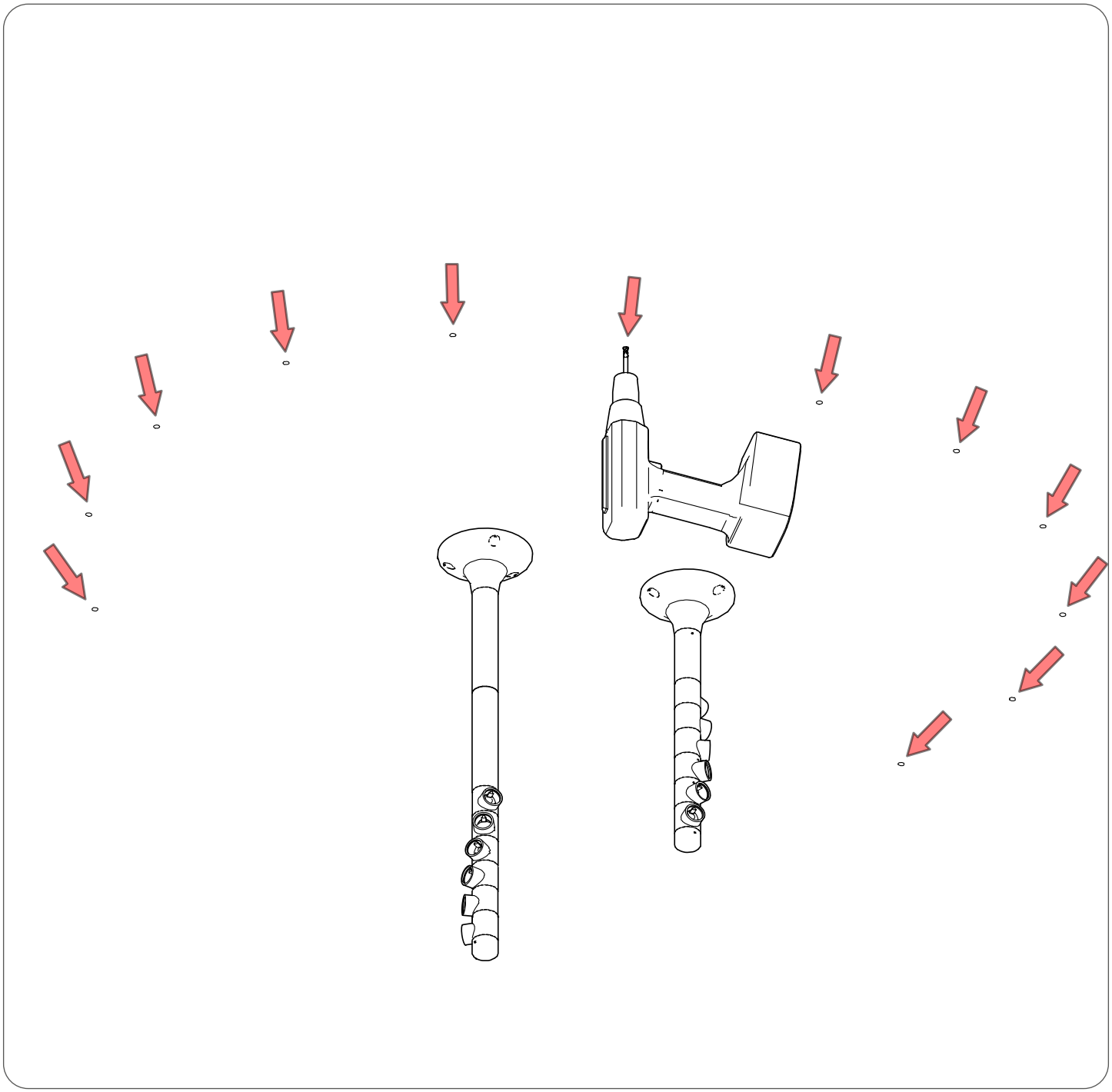
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Installation of ceiling suspensions

- 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.



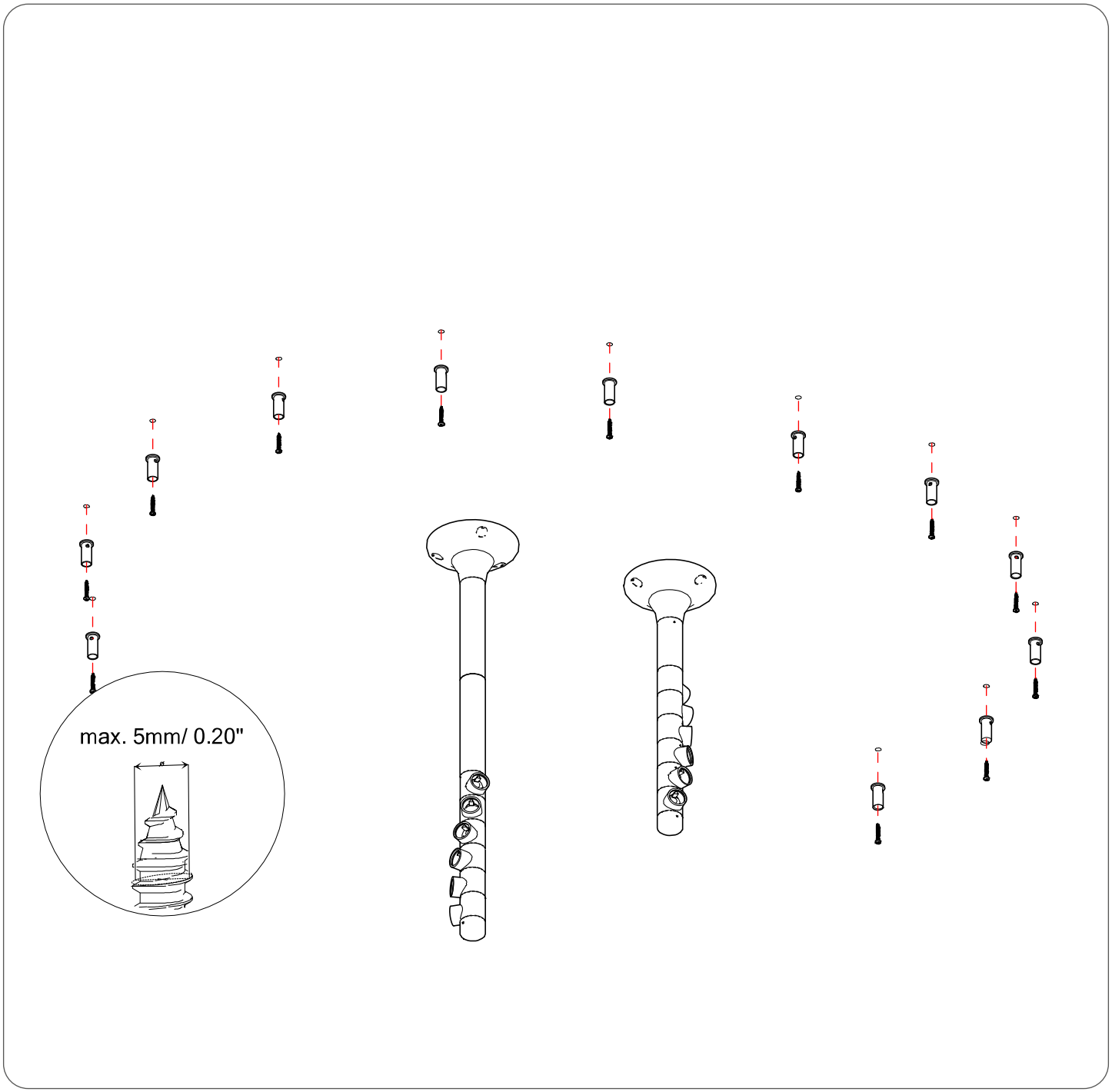
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Installation of ceiling suspensions

- 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.



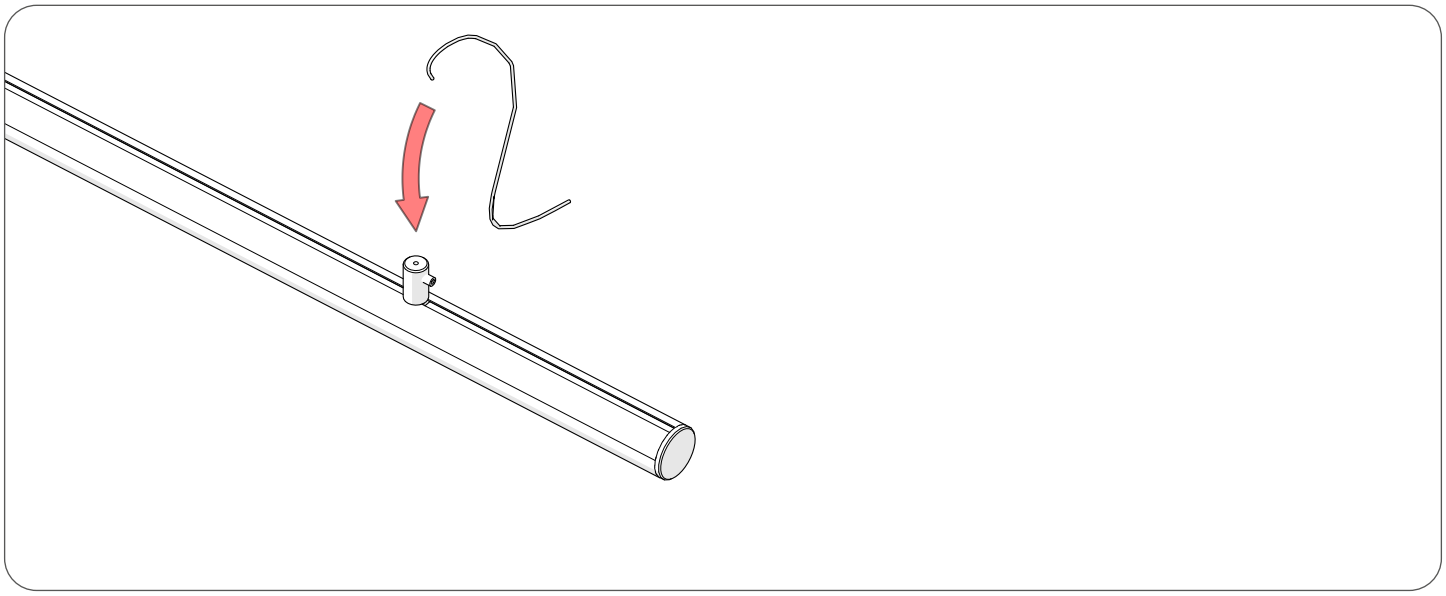
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Preparation of modules and steel cables

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

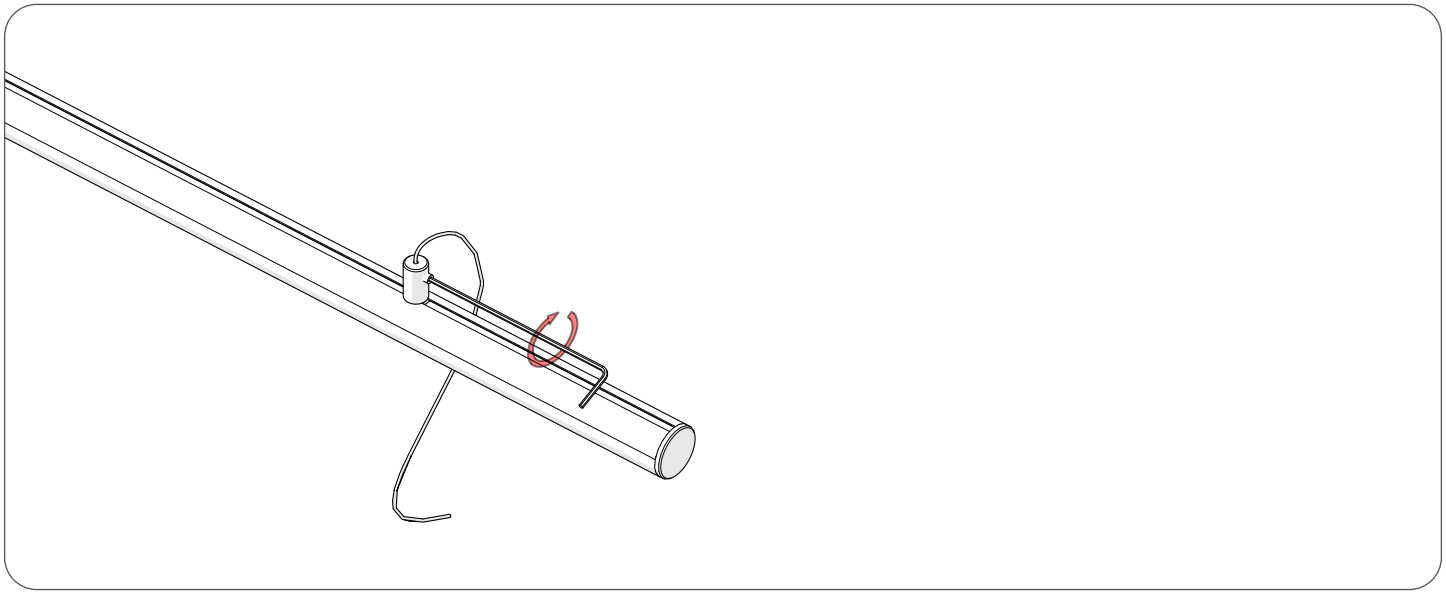
Step 1 - Introduce steel cable into profile mechanism

- 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.



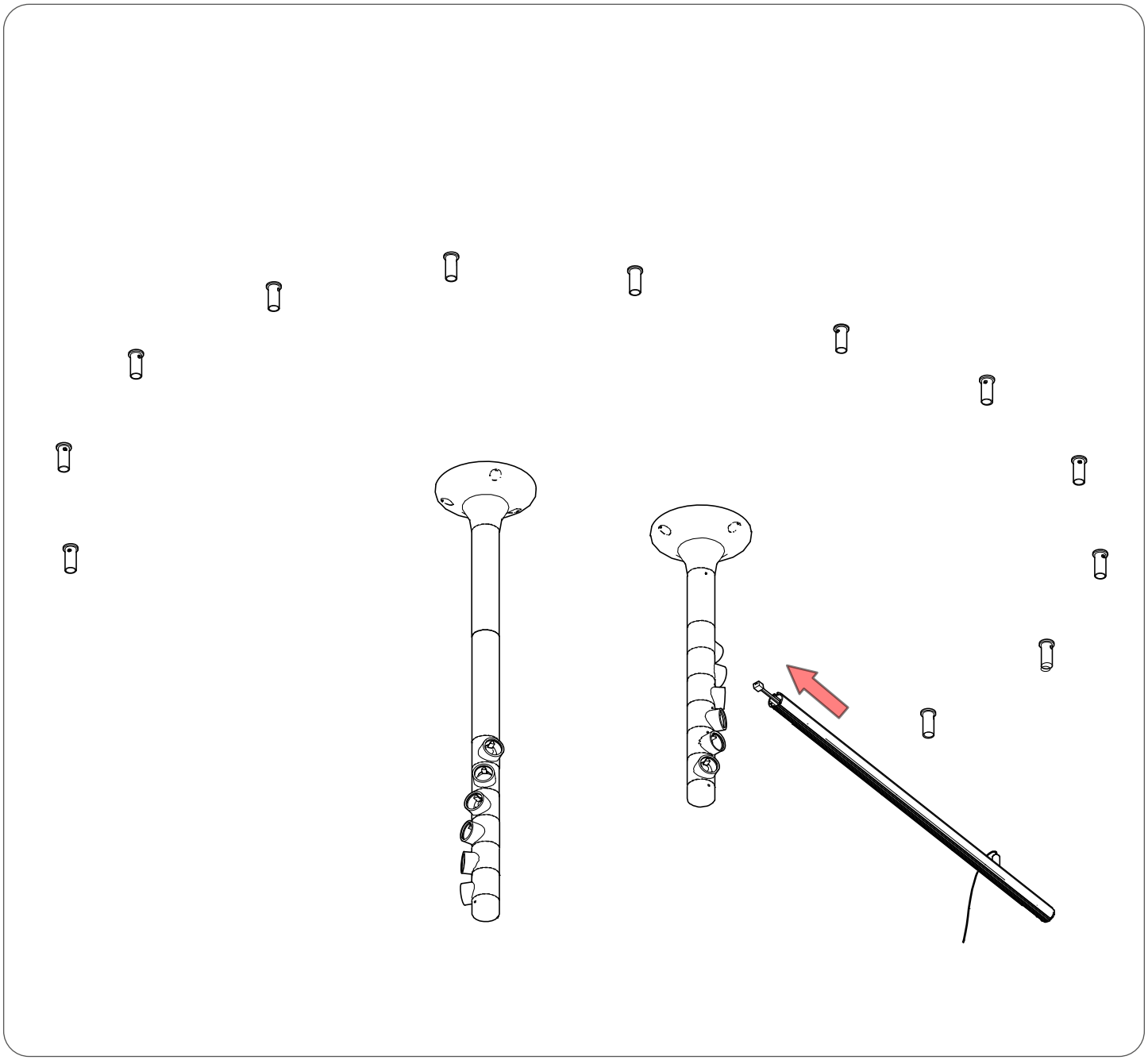
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Installation of linear fixtures

- 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.



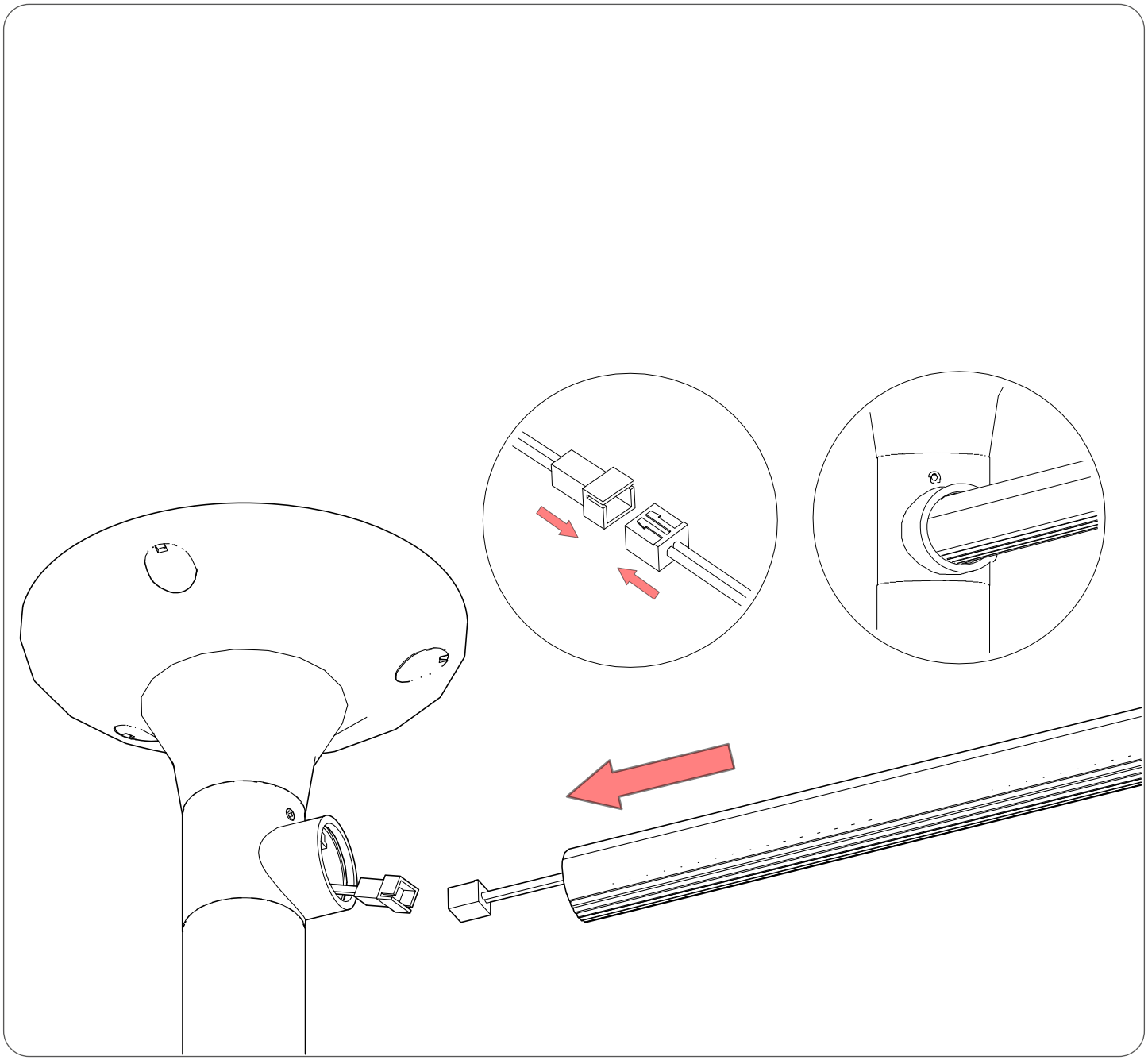
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Installation of linear modules

- 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.



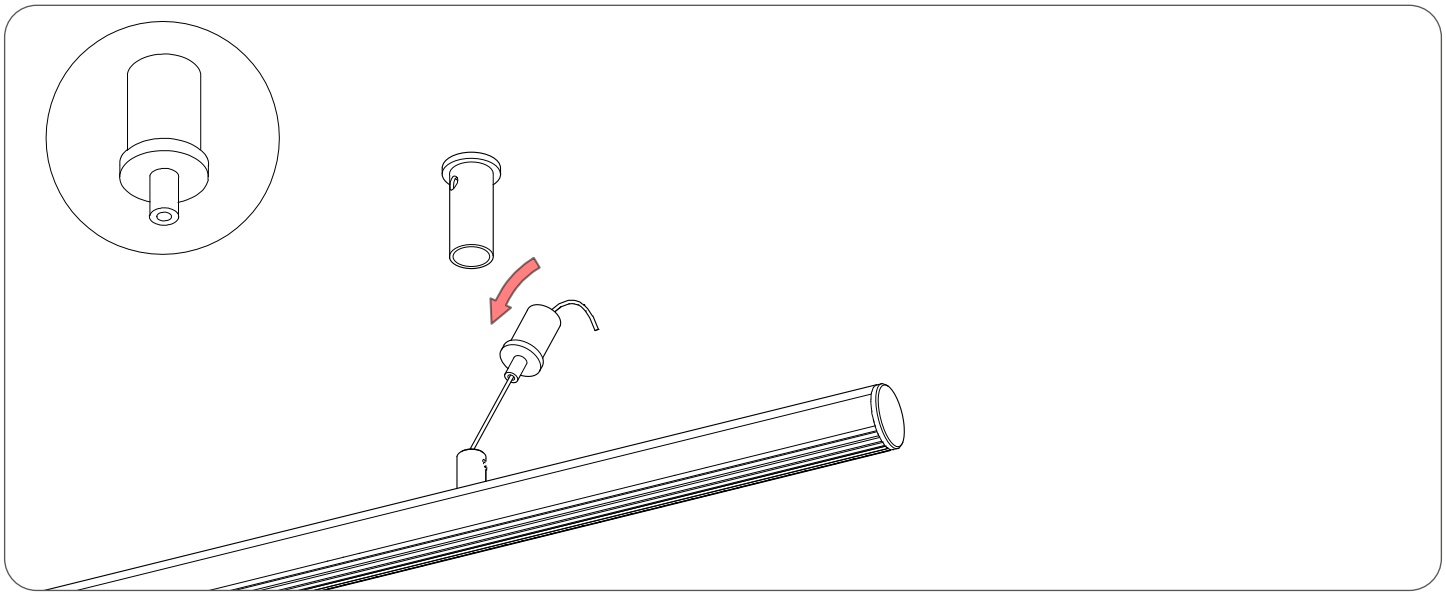
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Installation of linear modules

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

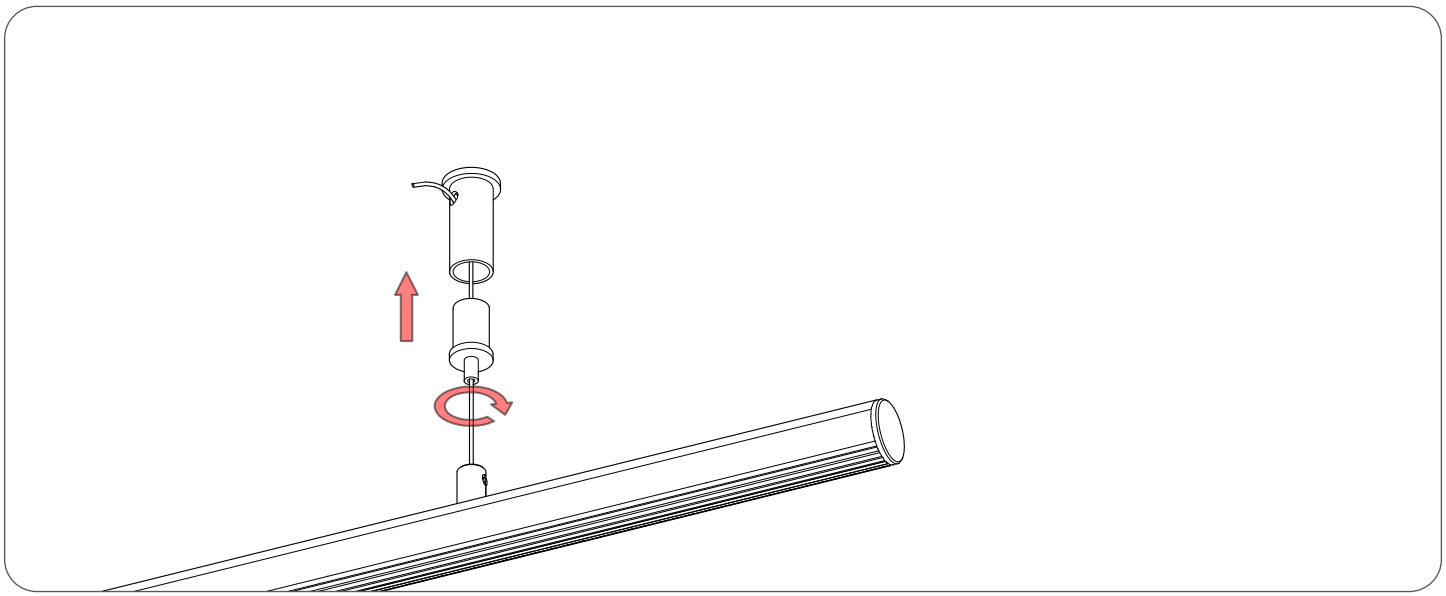
Step 3 - Connect suspension elements

- 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.



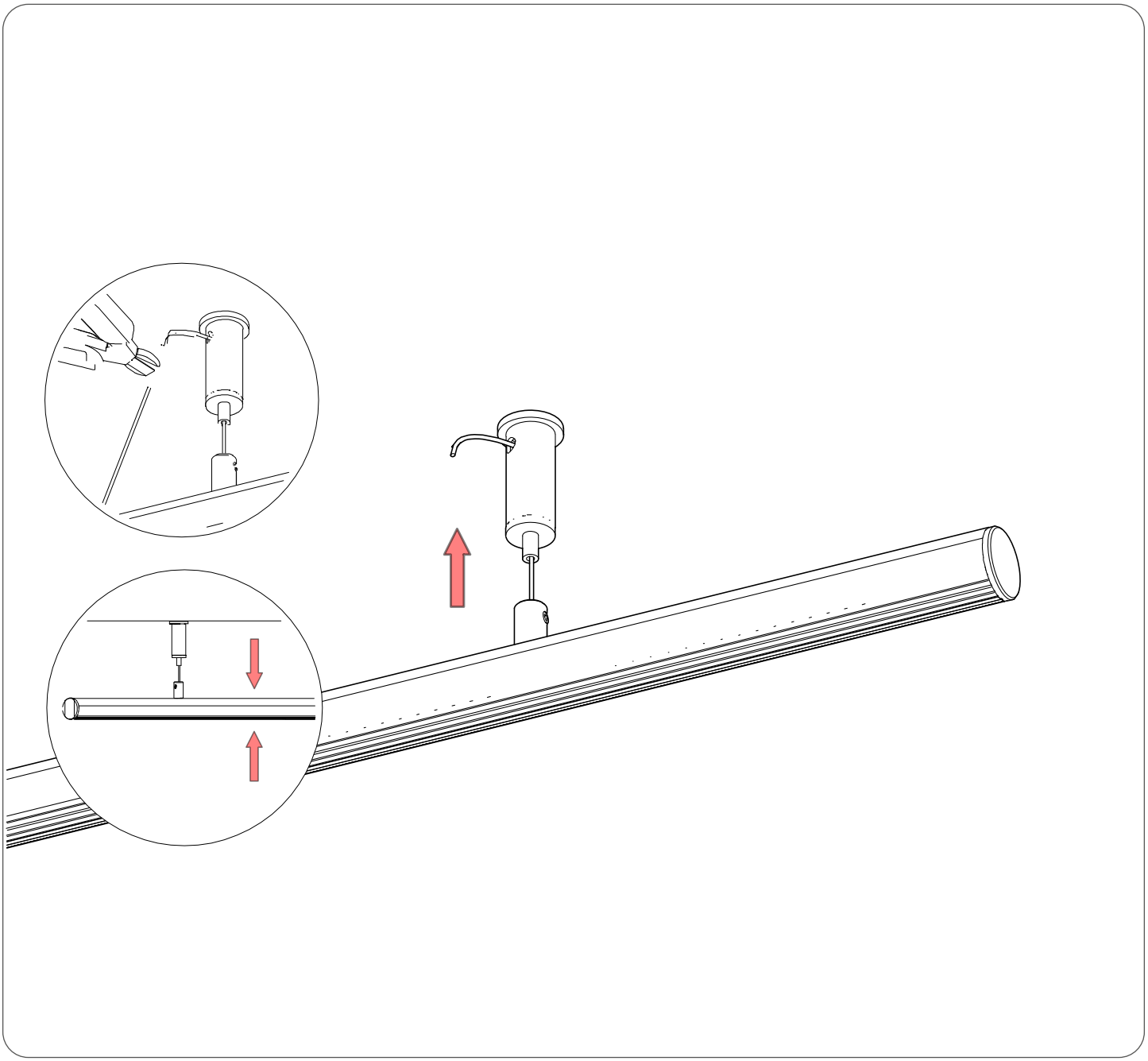
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Adjustment and inspection of the fixture

- 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.



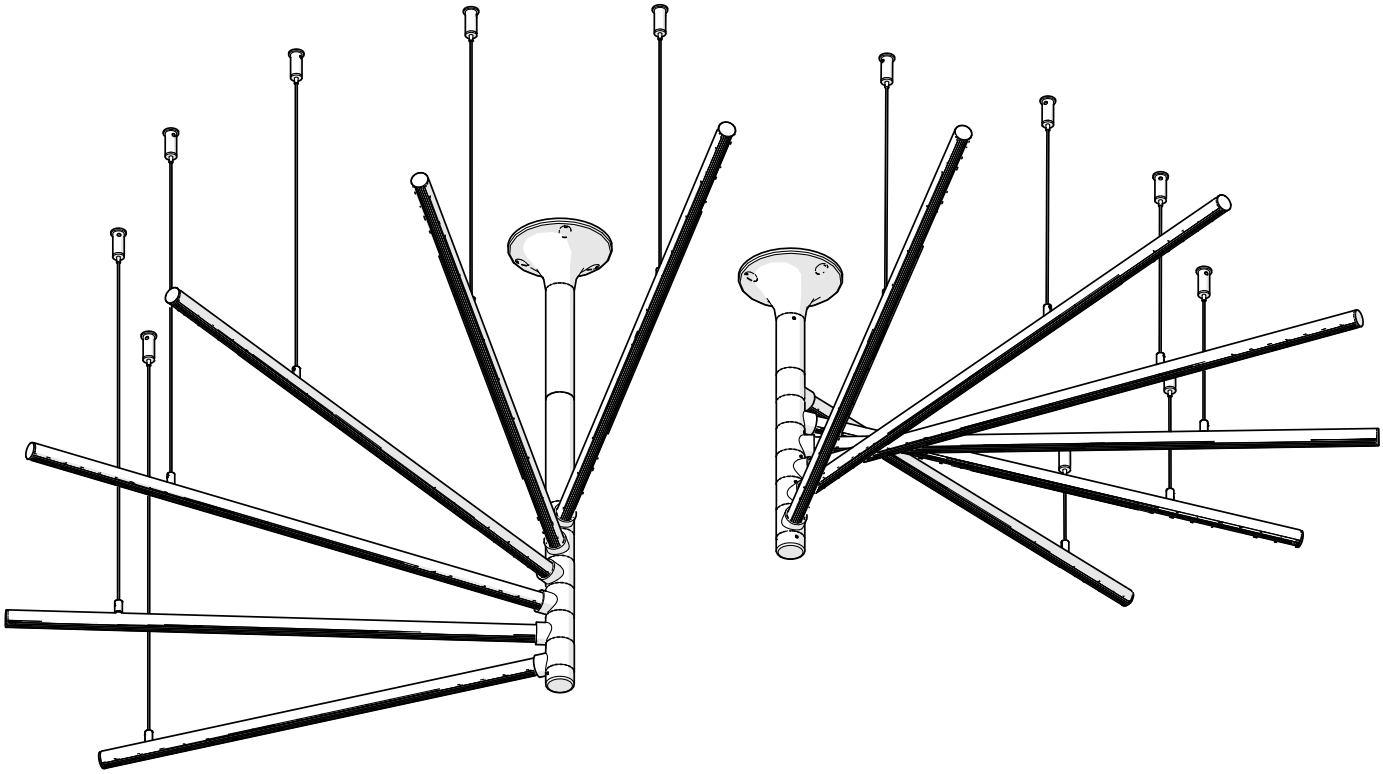
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Adjustment and inspection of the fixture

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

Step 2 - Perform final inspection and start the fixture

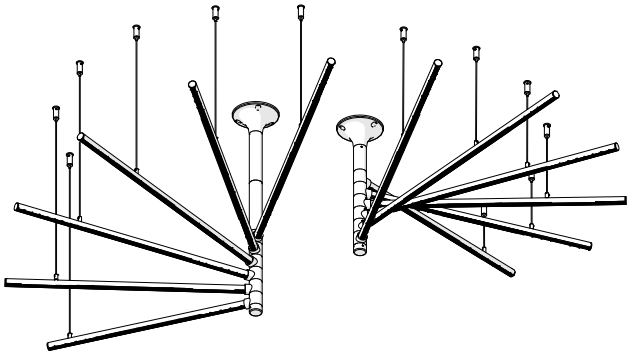
- Check stability of both ceiling bodies and all cable brackets.
- Verify tightening of suspension sleeves and security of profile-to-column connections.
- Check level, height, angles, and gaps between modules.
- Ensure steel cables and power wires are not twisted, strained, or pinched.
- Check that 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, EU compliance



CLEANING:

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

DISPOSAL

- Do not dispose of with municipal waste.
- Hand over to an electrical and electronic equipment collection point.

COMPLIANCE

- Product meets requirements of EU directives: PN-EN 60598-1

*** DISASSEMBLY OF THE FIXTURE**

Perform disassembly in reverse order of assembly.
Carry out all activities with power supply disconnected.

ATTENTION !

Before starting disassembly, strictly disconnect 220-240V AC 50/60Hz power supply.
When removing the fixture, secure it against falling.

- Disconnect power supply and confirm absence of 24V DC voltage.
- Secure each module against falling and disassemble elements in reverse order of assembly.
- First support profile, then unlock suspension and disconnect module from column.
- Disconnect connectors by gripping their housings. Do not pull by wires.
- After removing modules, disassemble steel cables, brackets, and ceiling bodies if required.

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

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