HEXA-H-1

Installation and operating instructions

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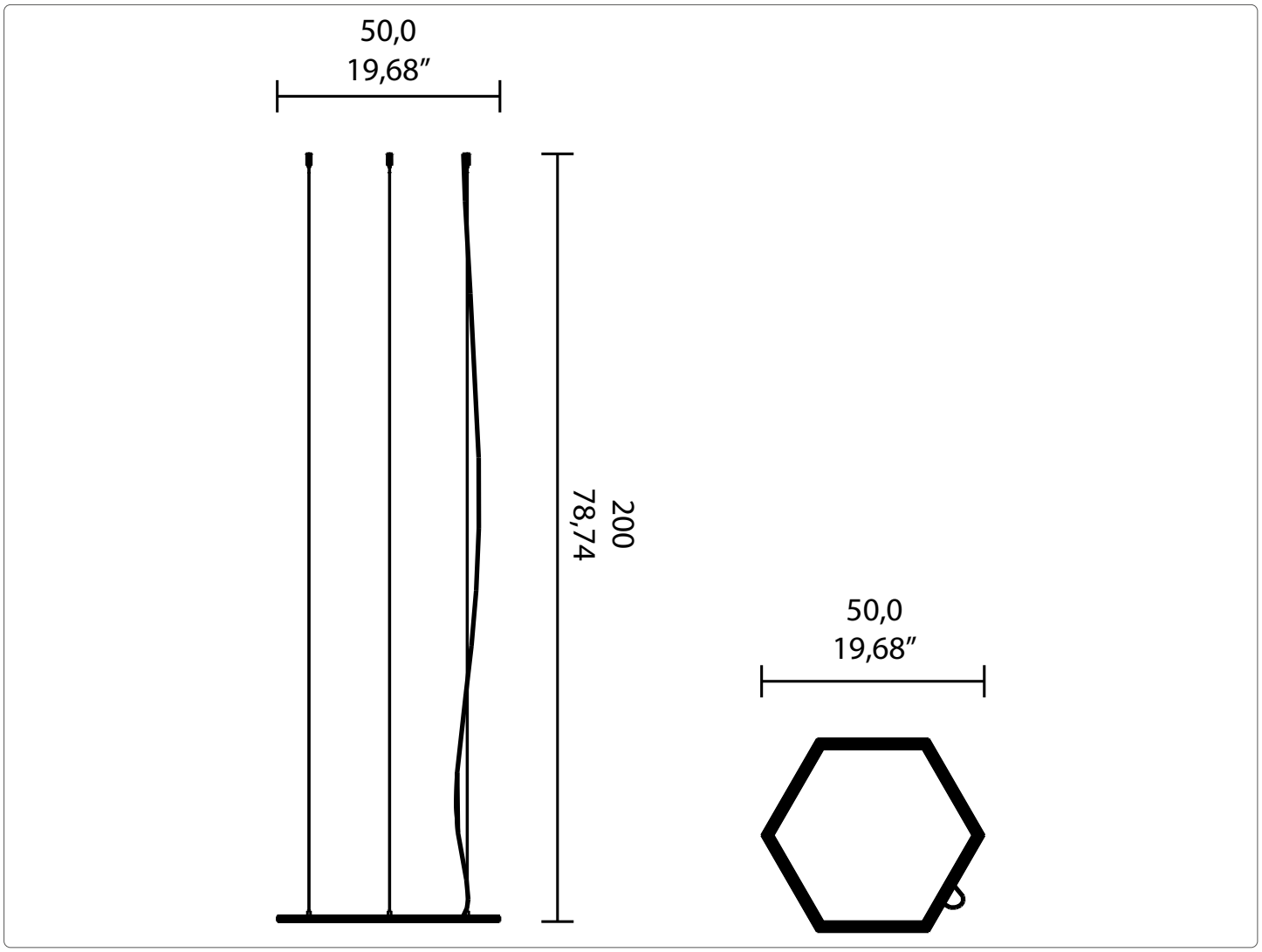
Oprawa gotowa

Montaż zawieszany

CE • LVD • EMC • RoHS

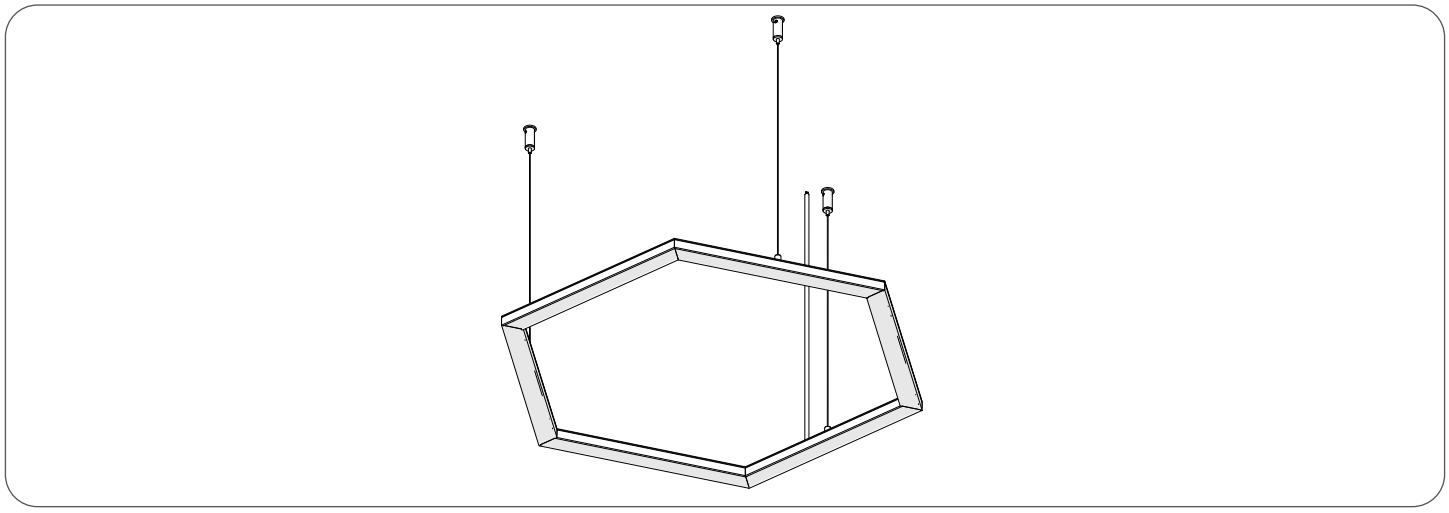
24V DC

DIMENSIONS:



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HEXA-H-1 is a complete luminaire designed for suspended installation. These instructions describe the standard mechanical installation and electrical connection of the luminaire.



THE KIT INCLUDES:

- HEXA-H-1 luminaire (complete)
- Suspension components / mounting accessories (depending on configuration)
- Instructions

NOT INCLUDED IN THE KIT

- Screws and anchors suitable for the mounting surface (not always included)
- Control components (if provided in the luminaire version)

REQUIRED TOOLS

- drill
- spirit level,
- screwdriver

SAFETY

- Disconnect the power supply before installation, cleaning and servicing.
- Installation and connection must be carried out by suitably qualified personnel.
- Do not modify the luminaire.
- Use only compatible components.
- Do not use the product if it is damaged.

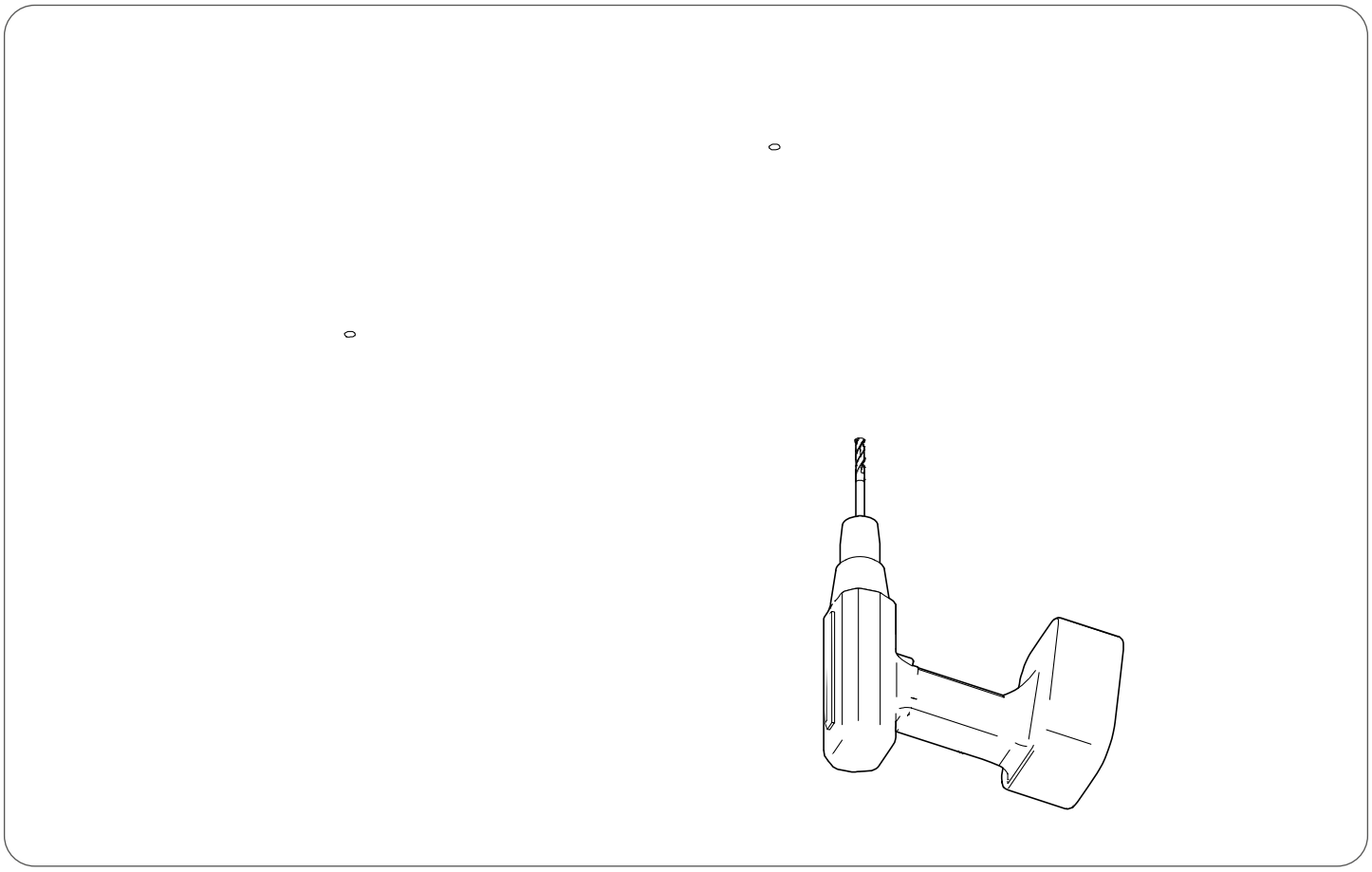
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Installation of ceiling components and suspension of the luminaire

- Preparing the mounting points for the three suspension cables.

Step 1 - Drill holes for the ceiling mounts

- Determine the intended position of the luminaire and mark the three suspension points.
- Check the spacing of the points and the correct position of the luminaire before drilling.
- Drill holes at the marked locations.
- Match the hole diameter and depth to the anchors and the type of ceiling.



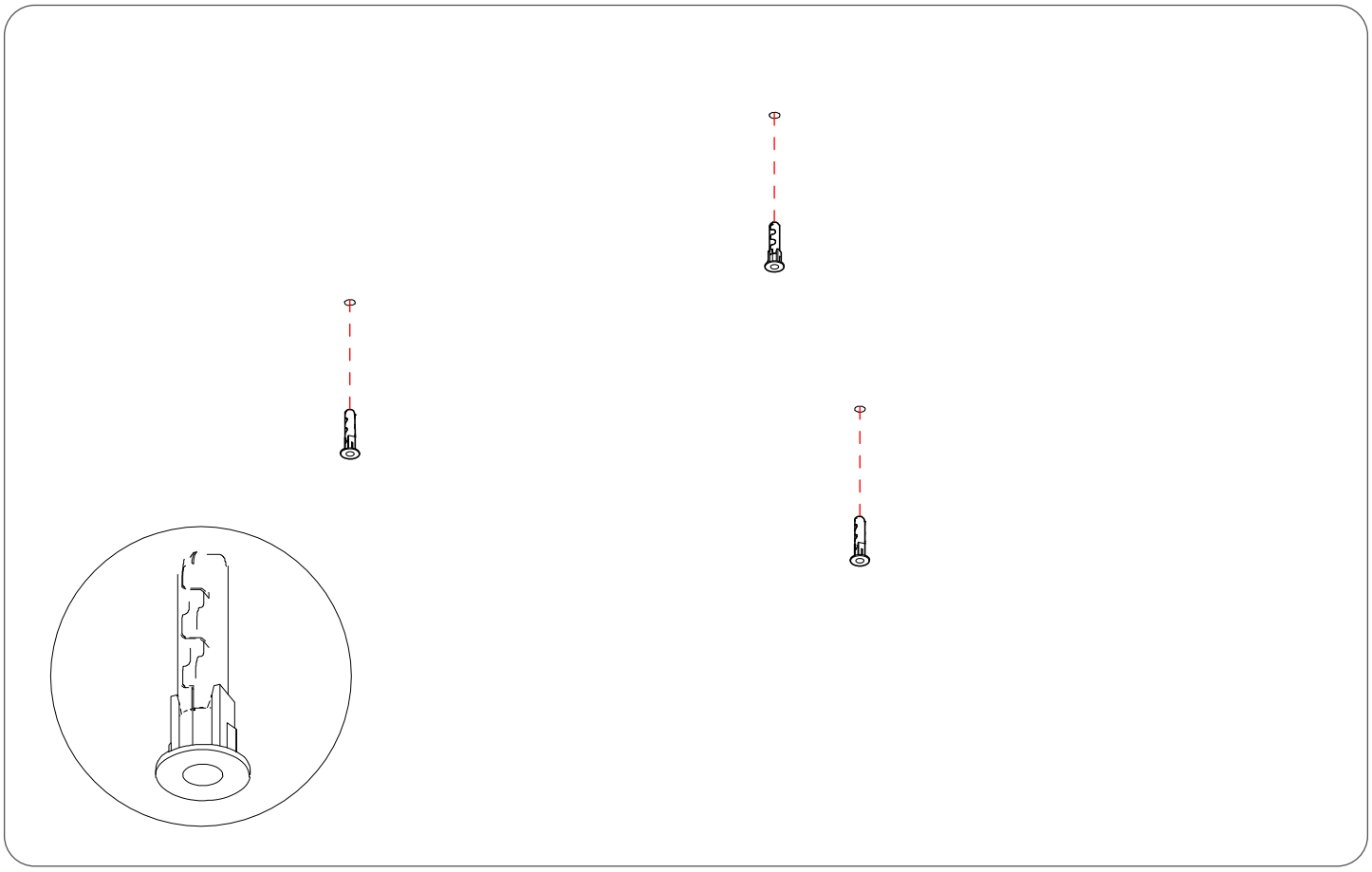
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Installation of ceiling components and suspension of the luminaire

- Inserting the anchors into the prepared holes.

Step 2 - Insert the mounting anchors

- Remove dust and loose material from the drilled holes.
- Insert the mounting anchors at the three suspension points.
- Push the anchors in until they are fully seated in the ceiling.
- Check the stability of each point before proceeding.



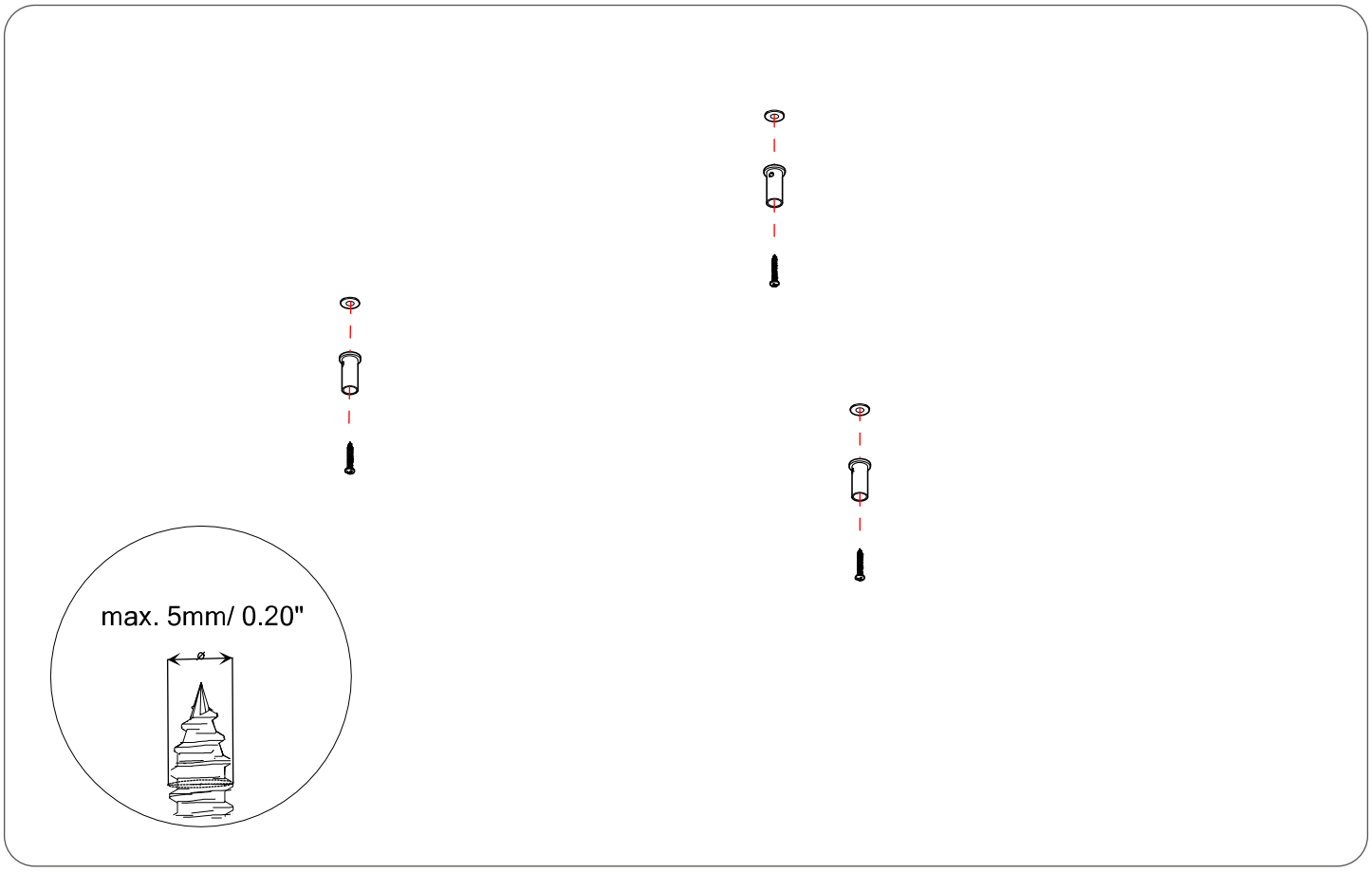
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Installation of ceiling components and suspension of the luminaire

- Installing the upper suspension bodies at the prepared mounting points.

Step 3 - Screw in the upper suspension components

- Pass a screw through the upper suspension component.
- Screw the mount into the installed anchor.
- Use screws with a diameter no greater than 5 mm.
- Tighten all three mounts and check that they sit flush against the ceiling.



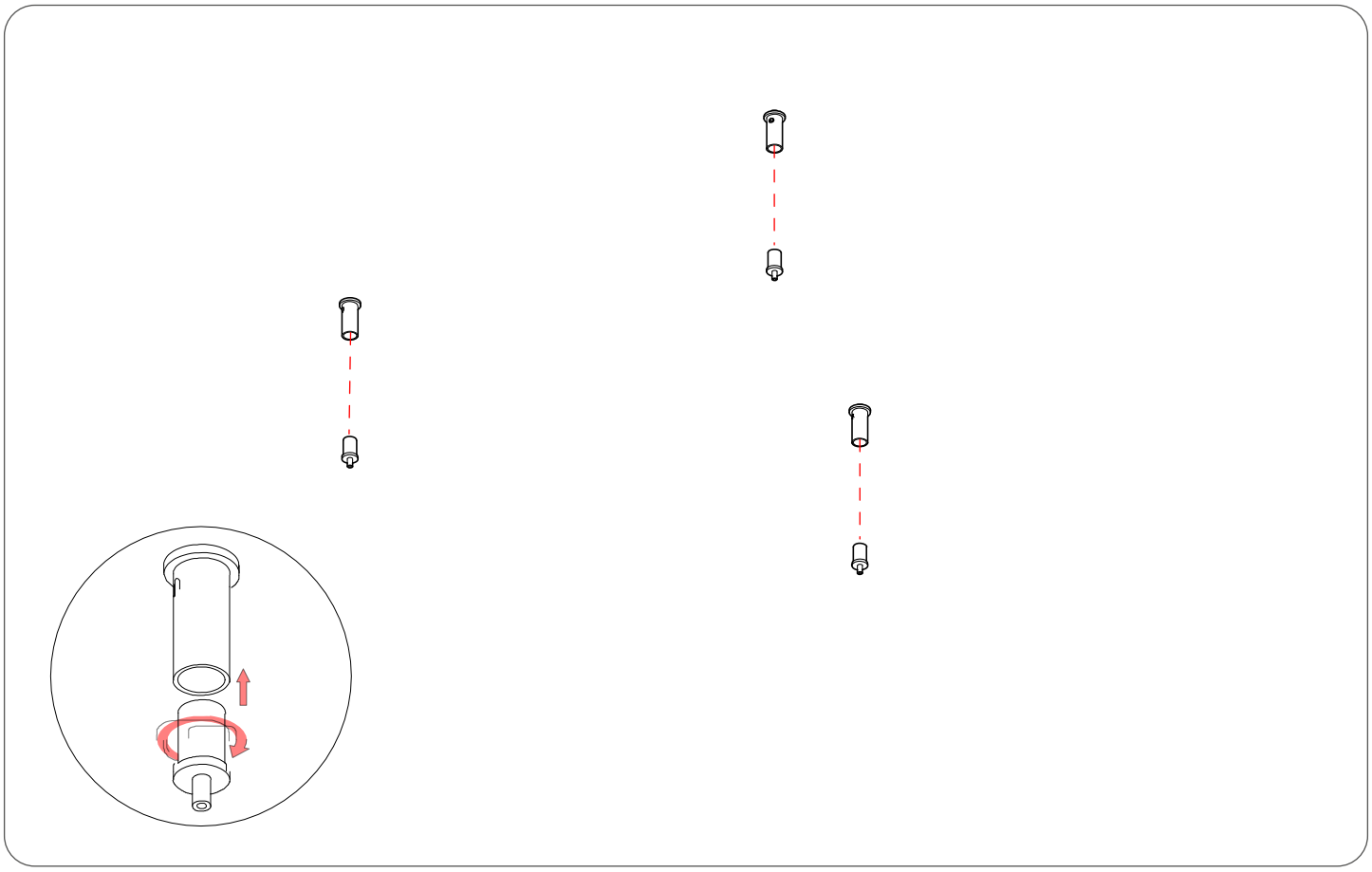
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Installation of ceiling components and suspension of the luminaire

- Assembling the complete ceiling holders for the cable suspension.

Step 4 - Install the lower holder components

- Insert the lower holder component into the body attached to the ceiling.
- Screw in the component in the direction shown in the illustration.
- Tighten the connection until resistance is felt.
- Repeat at all three points.



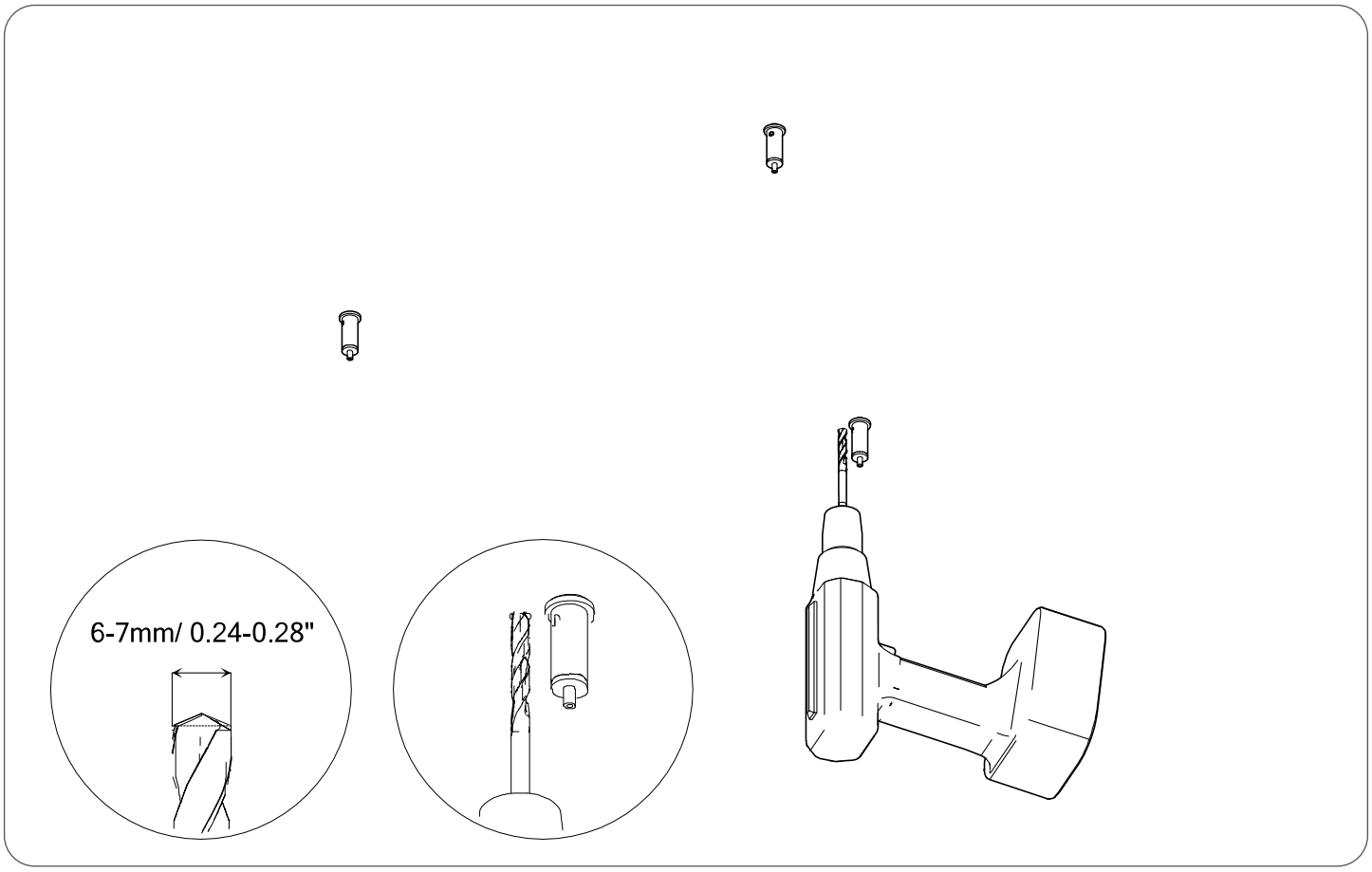
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Installation of ceiling components and suspension of the luminaire

- Preparing a pass-through for the luminaire low-voltage cable.

Step 5 - Drill the hole for the power cable

- Mark the cable entry point 20 mm from the selected suspension holder.
- Drill a hole 6-7 mm (0.24-0.28”) in diameter.
- Remove dust and sharp edges after drilling.
- Check that the cable can be routed without bends or tension.



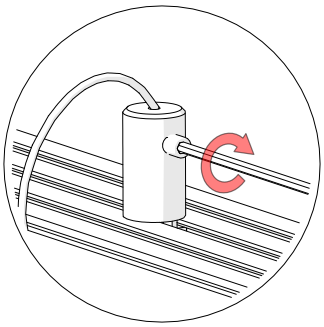
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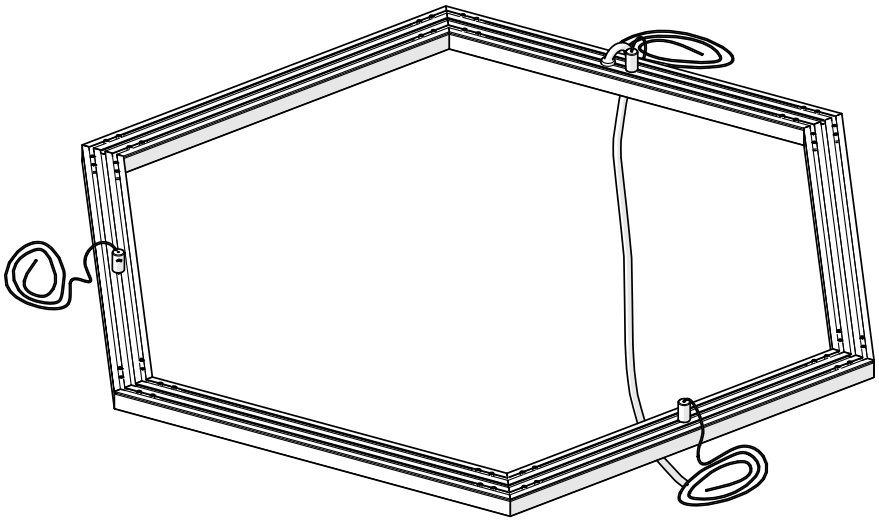
Installing the luminaire on suspension cables

- Securing and adjusting the steel cables in the grippers.

Step 6 - Secure the cables in the grippers

- Place the luminaire on a clean, soft surface to protect the frame from scratches.
- Insert the steel cables into the three FI-8 cable grippers mounted on the luminaire.
- Set the initial cable length.
- The maximum suspension length is 2 m.
- Tighten the set screws in all grippers and check that the cables are locked securely.





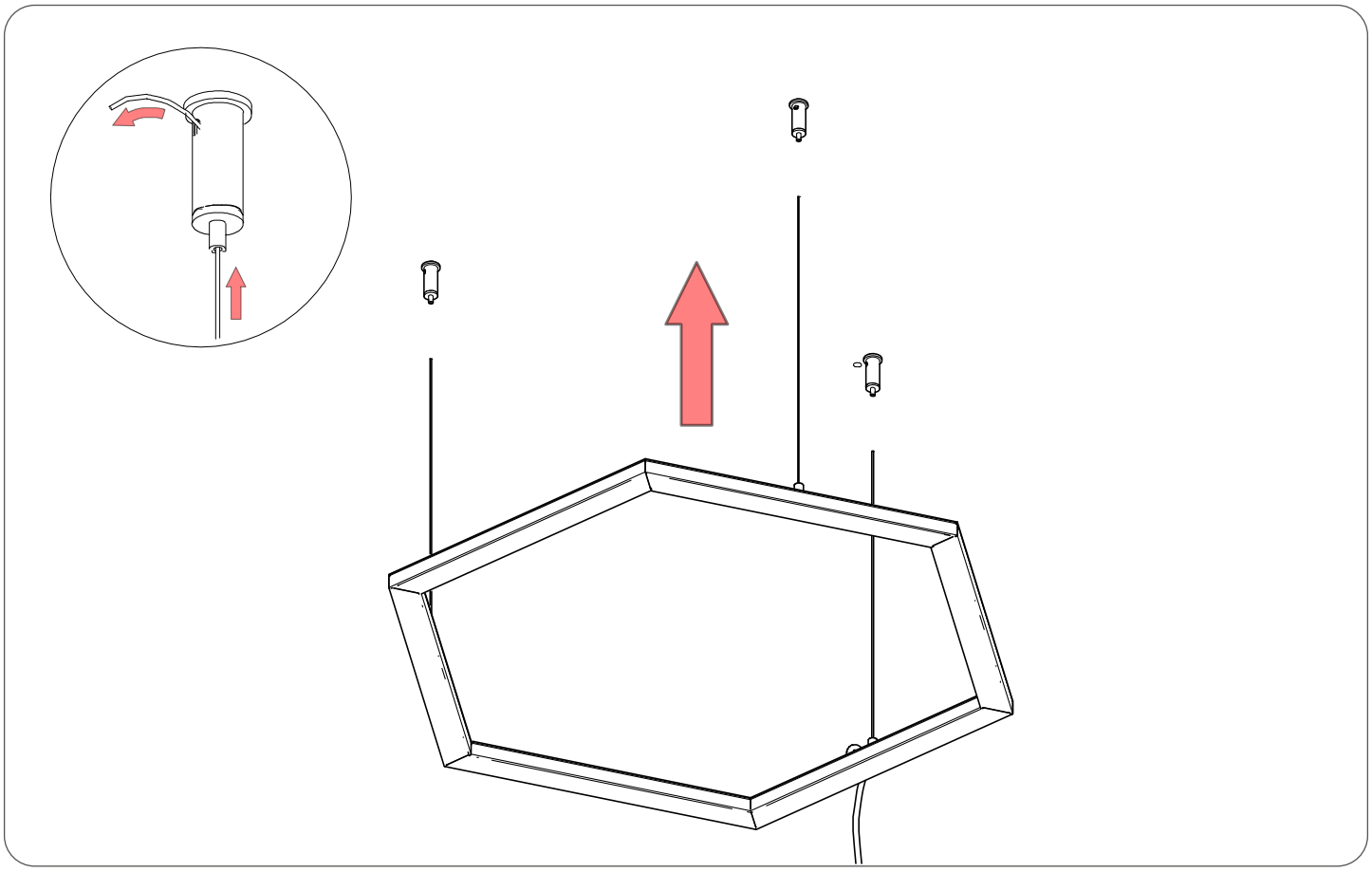
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Installing the luminaire on suspension cables

- Connecting the luminaire cables to the ceiling-mounted holders.

Step 7 - Suspend the luminaire from the ceiling holders

- Due to the size of the luminaire, installation must be carried out with the assistance of a second person.
- Lift the luminaire and insert the free ends of the three cables into the ceiling holders.
- Raise the luminaire gradually, keeping all cables at approximately the same length.
- Check that each cable is securely locked in its holder.



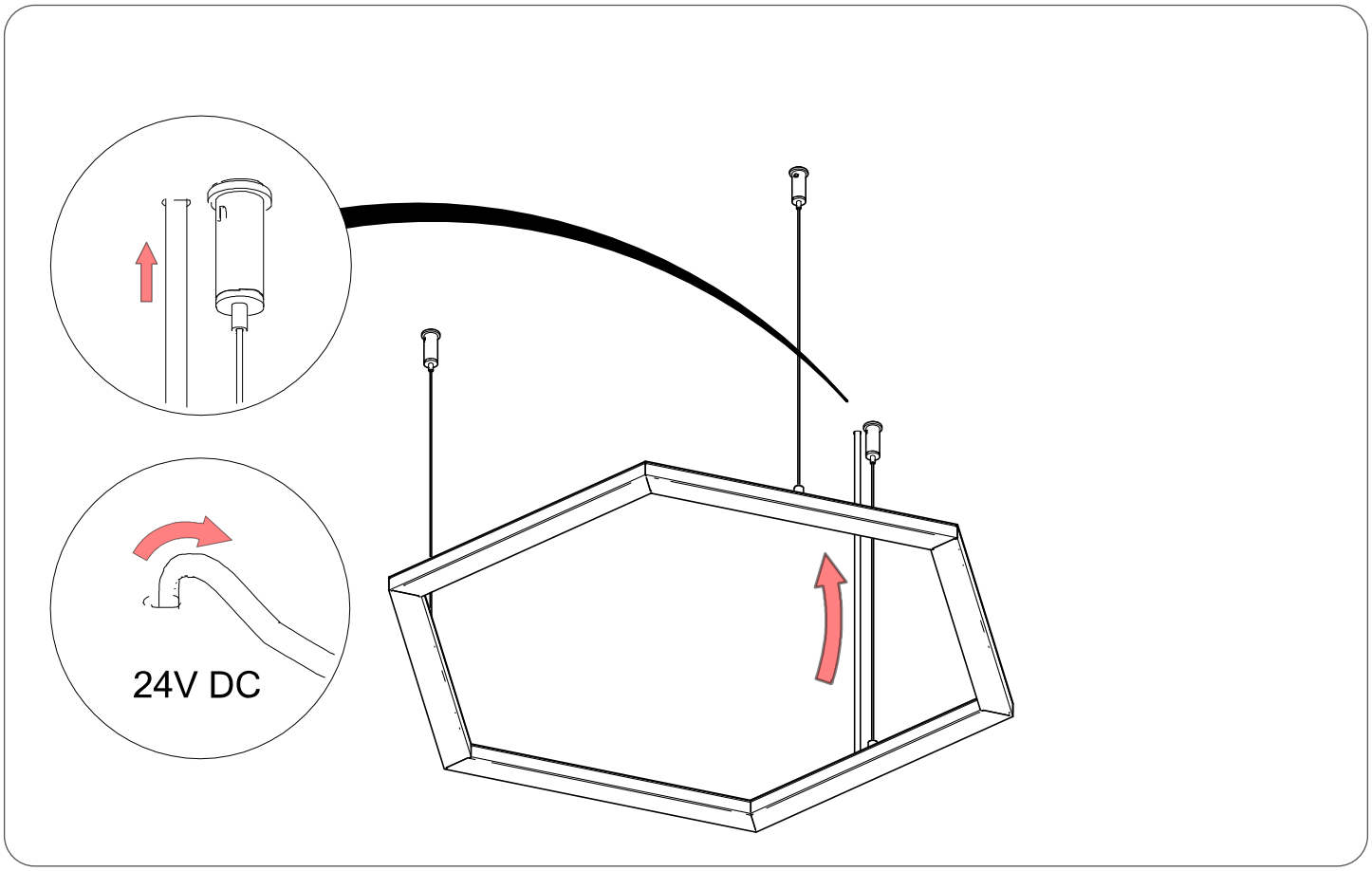
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Routing the luminaire cables

- Routing the 24 V DC cables to the power supply installation location.

Step 8 - Route the 24 V DC cables

- Pass the luminaire cables through the prepared hole.
- Route them to the space intended for the power supply.
- Leave enough slack for height adjustment and future servicing.
- Route the cables without twisting, sharp bends or tension.



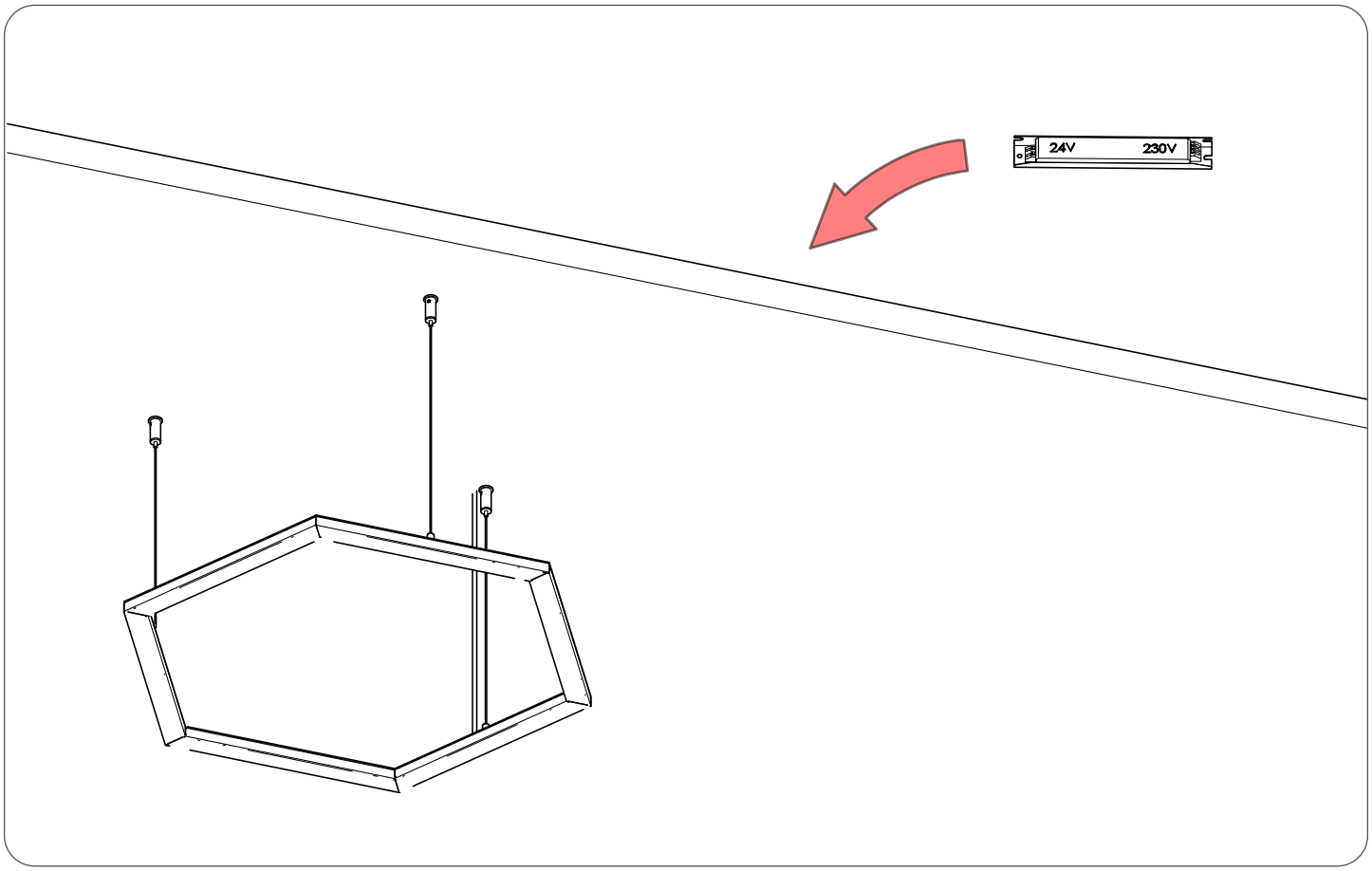
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Installing the power supply

- Placing the 230 V AC / 24 V DC power supply in the service space.

Step 9 - Position the power supply above the ceiling

- Use a power supply suitable for the selected HEXA-H-1 luminaire configuration.
- Place the power supply in an accessible space above the ceiling or inside a cover.
- Ensure easy access for servicing and adequate heat dissipation.
- Arrange the cables so that they are not pinched or under tension.



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Electrical connection

- Connecting the luminaire wires to the 24 V DC output of the power supply.

RULES

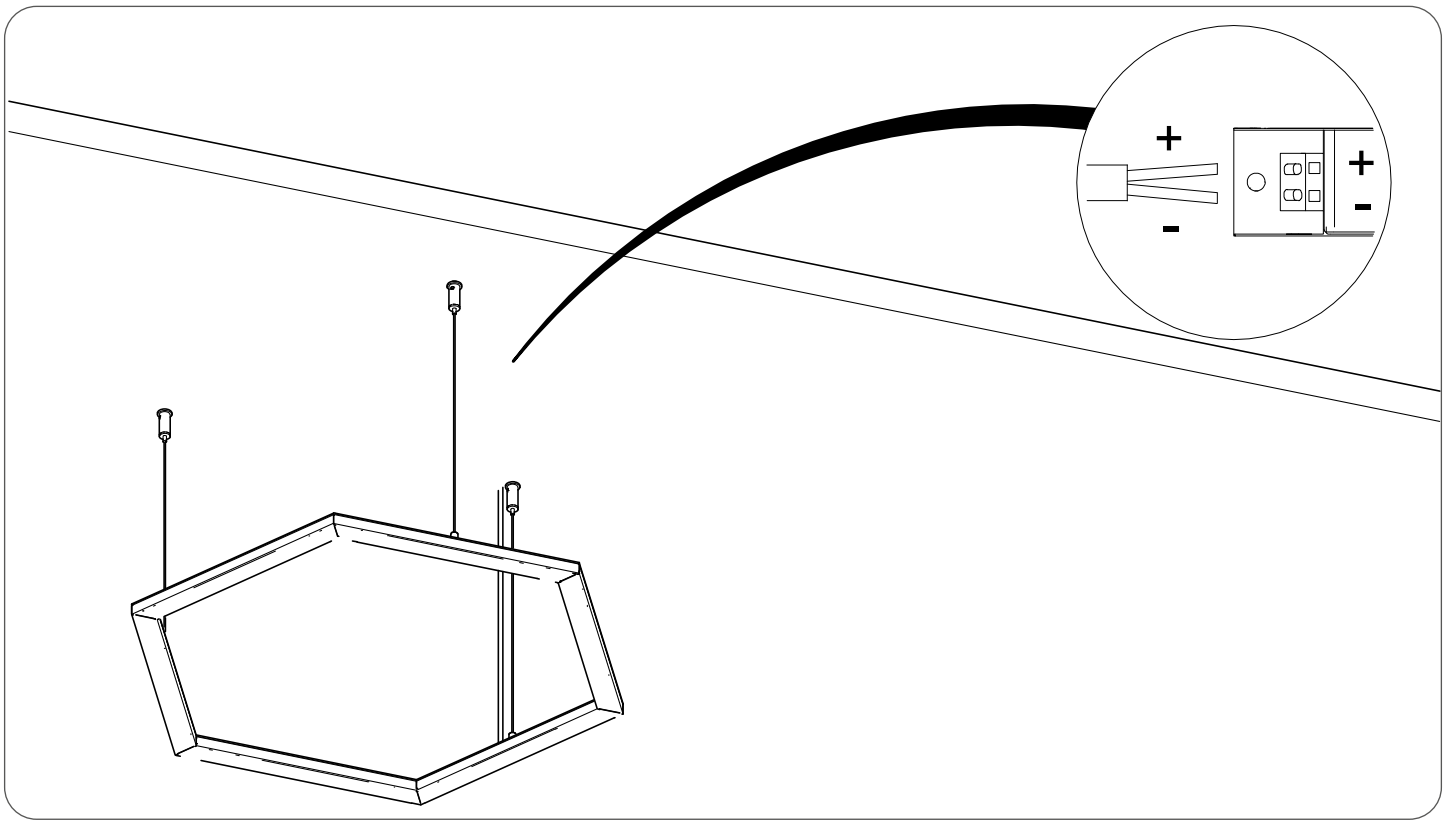
- POWER SUPPLY: 220-240V AC 50/60Hz
- Make connections only with the power disconnected.
- After connecting, ensure that the cable is secured and not under tension.

WIRE MARKINGS

- L – live
- N – neutral
- PE – protective earth
- DA+ / DA- – control (if included in the luminaire version)

Step 10 - Connect the luminaire to the 24 V DC output

- Make sure the mains power is disconnected.
- Connect the positive wire to the + terminal and the negative wire to the - terminal.
- Check the polarity and ensure that the wires are securely seated in the terminals.
- Connect the 230 V AC side in accordance with the power supply instructions.



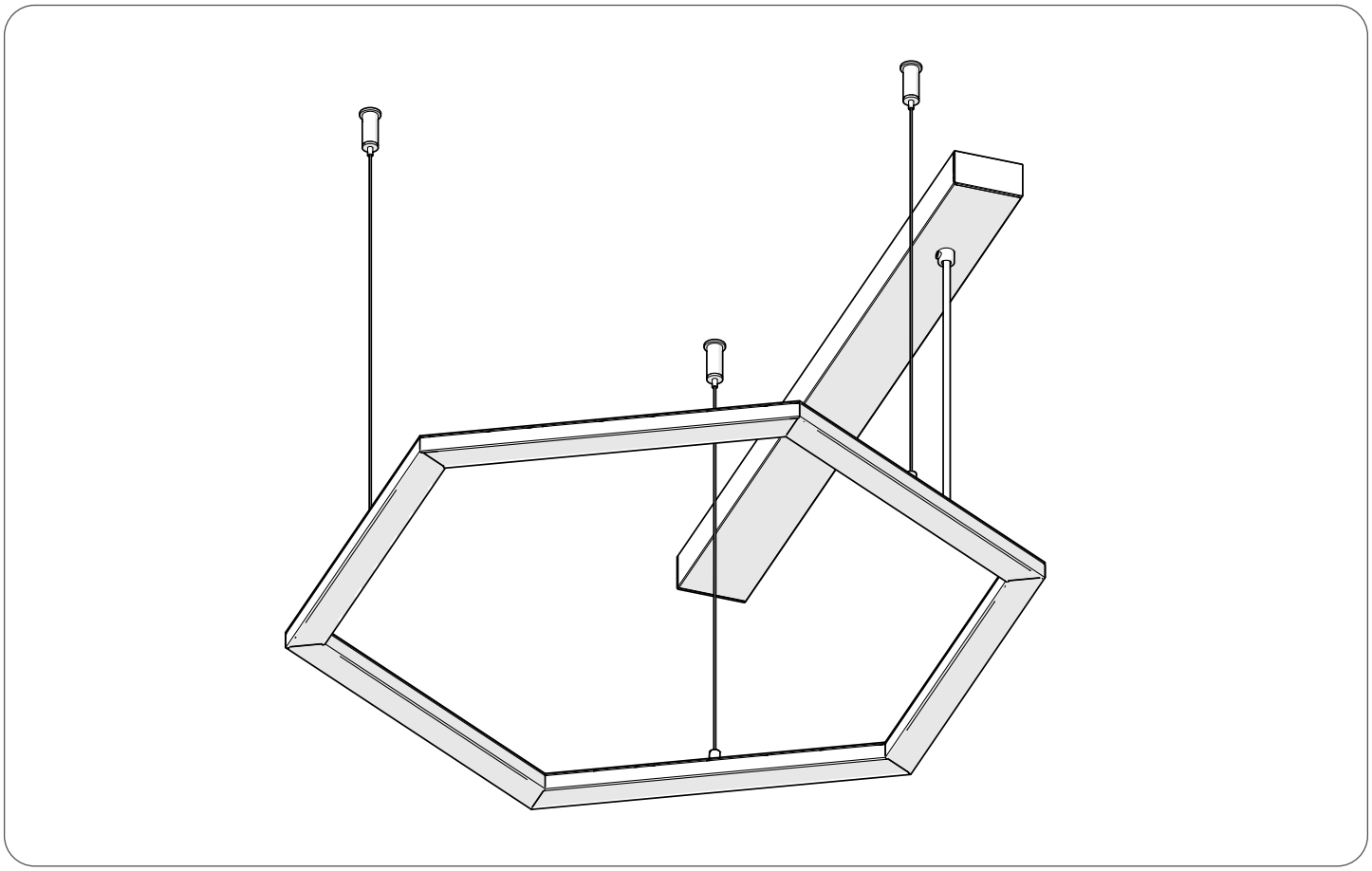
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Optional accessories

- Option to use the BOX-M600 ceiling canopy.

Step 11 - Install the BOX-M600 ceiling canopy (optional)

- Select the BOX-M600 ceiling canopy version that suits the design and finish of the luminaire.
- Position the canopy according to the cable routing and the location of the power supply.
- Conceal the connections and components intended to be housed inside it.
- Install the BOX-M600 in accordance with the separate instructions for this product.
- Note: Before switching on, remove all tools and make sure the luminaire is stable.



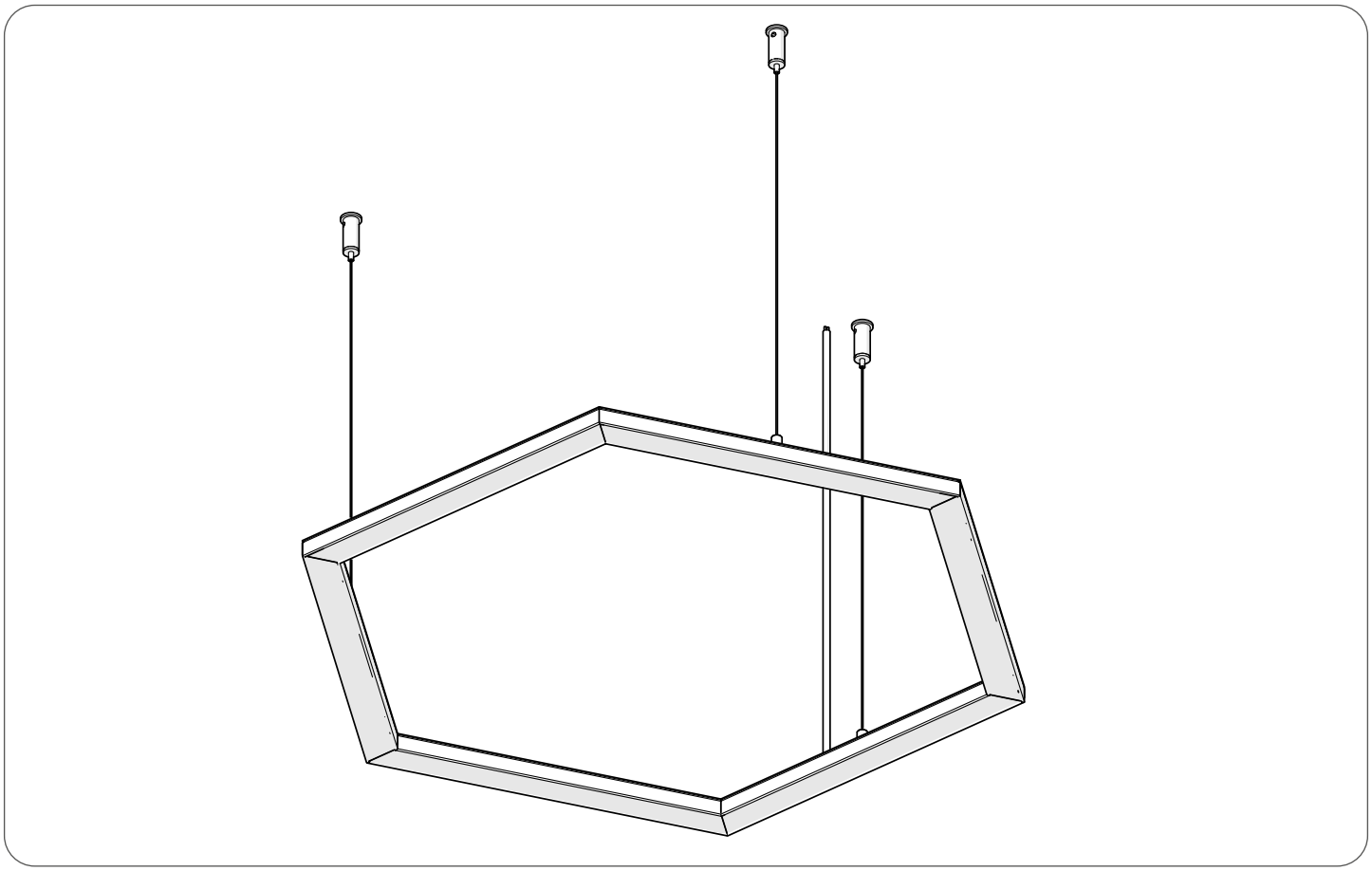
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Final leveling and operation check

- Adjusting the luminaire position and checking all mounting points.

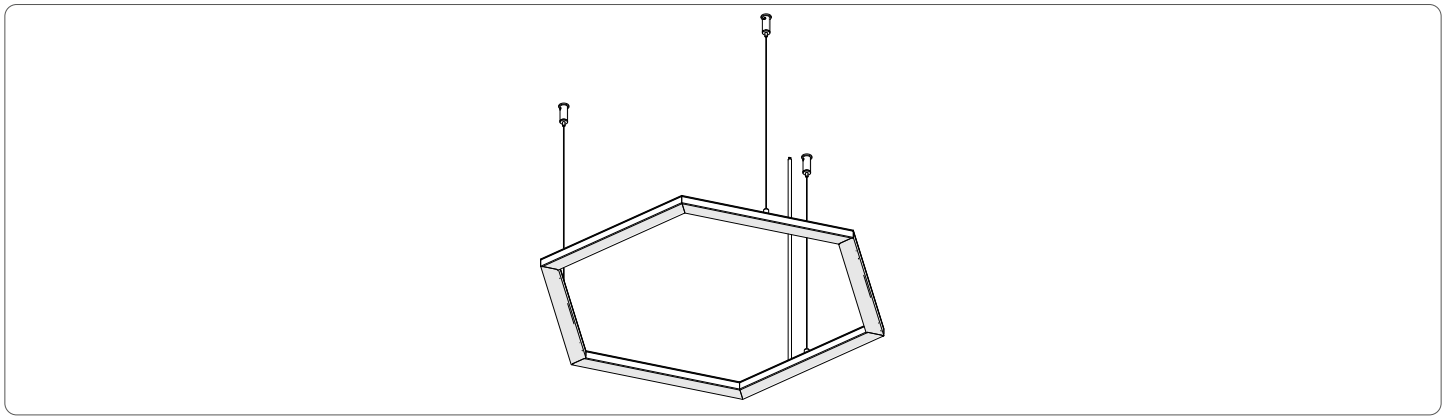
Step 12 - Level the luminaire and perform the final check

- Adjust the cable lengths until the luminaire is at the required height.
- Position the hexagonal frame in a single plane, parallel to the ceiling.
- Check the FI-8 set screws, the three ceiling holders and that the cable is not under tension.
- Once the connections are complete, switch on the power and test operation.



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Maintenance, disposal and EU compliance



CLEANING:

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

DISPOSAL

- Do not dispose of with municipal waste.
- Take it to a collection point for electrical and electronic equipment.

COMPLIANCE

- The product meets the requirements of EU directives: PN-EN 60598-1

*** LUMINAIRE DISASSEMBLY**

Disassemble in the reverse order of installation. Carry out all work with the power disconnected.

CAUTION!

Before starting disassembly, always disconnect the 220-240V AC 50/60Hz power supply.
Secure the luminaire against falling when removing it.

- Switch off the power and make sure there is no voltage in the circuit.
- Remove the covers from the ceiling canopy and loosen the cable locking screws.
- Remove the canopy.
- Disconnect the power supply wires (L, N, PE) and the control wires (DA+/DA-), if present.
- Release the clamping mechanisms and slide the steel cables out of the suspension holders.
- Carefully remove the luminaire from its suspension, securing it against falling.
- If necessary, remove the mounting components (holders, screws and anchors) from the ceiling.
- After disassembly, secure the installation wires in accordance with applicable regulations.

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

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