DIMIDIA-H

Installation and Operating Instructions

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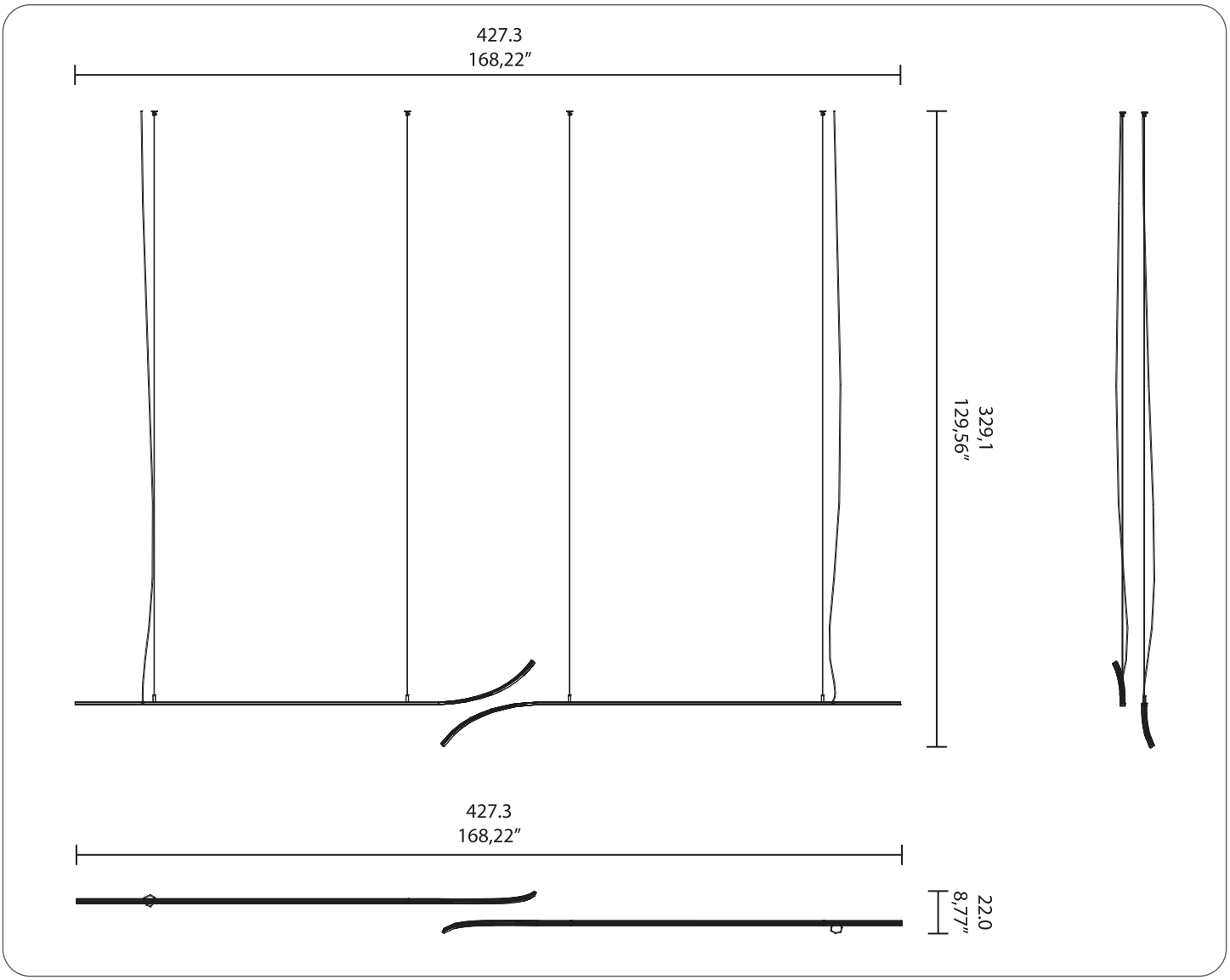
Ready-made fixture

Suspended mounting

CE • LVD • EMC • RoHS

24V DC

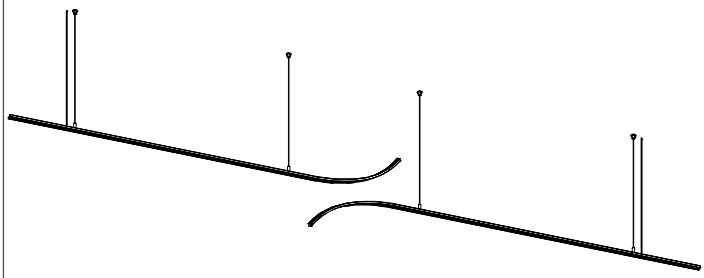
DIMENSIONS:



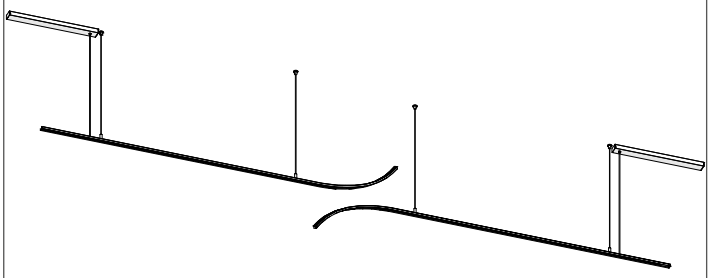
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DIMIDIA-H

is a ready-made lighting fixture designed for suspended mounting.
The fixture is powered by 24 V DC voltage from a appropriately selected power supply unit.
The manual describes mechanical installation, suspension adjustment, and low-voltage connection.



Example configuration without BOX-M600



Example configuration with BOX-M600

THE SET INCLUDES:

- DIMIDIA-H 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)
- 24 V DC power supply unit and BOX-M600, if these elements are not part of the selected configuration.

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.

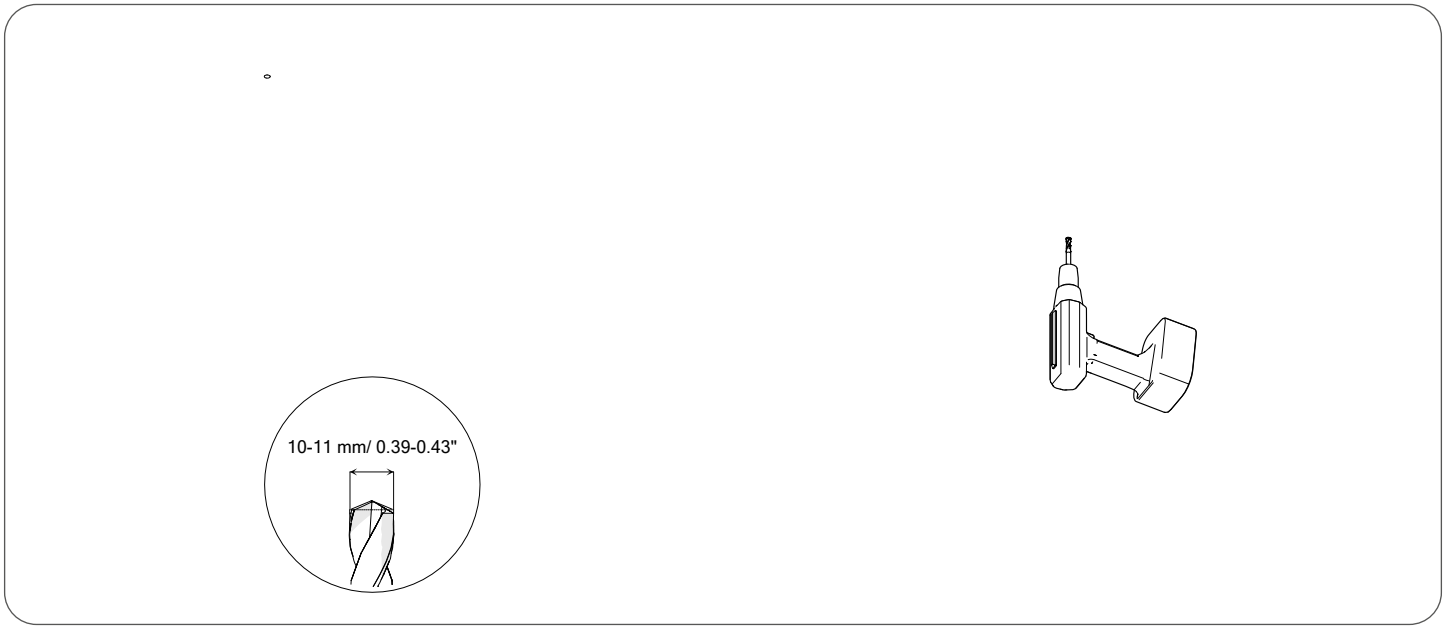
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Installation – site preparation

- Determining suspension points and drilling O10-11 mm (0.39”) holes.

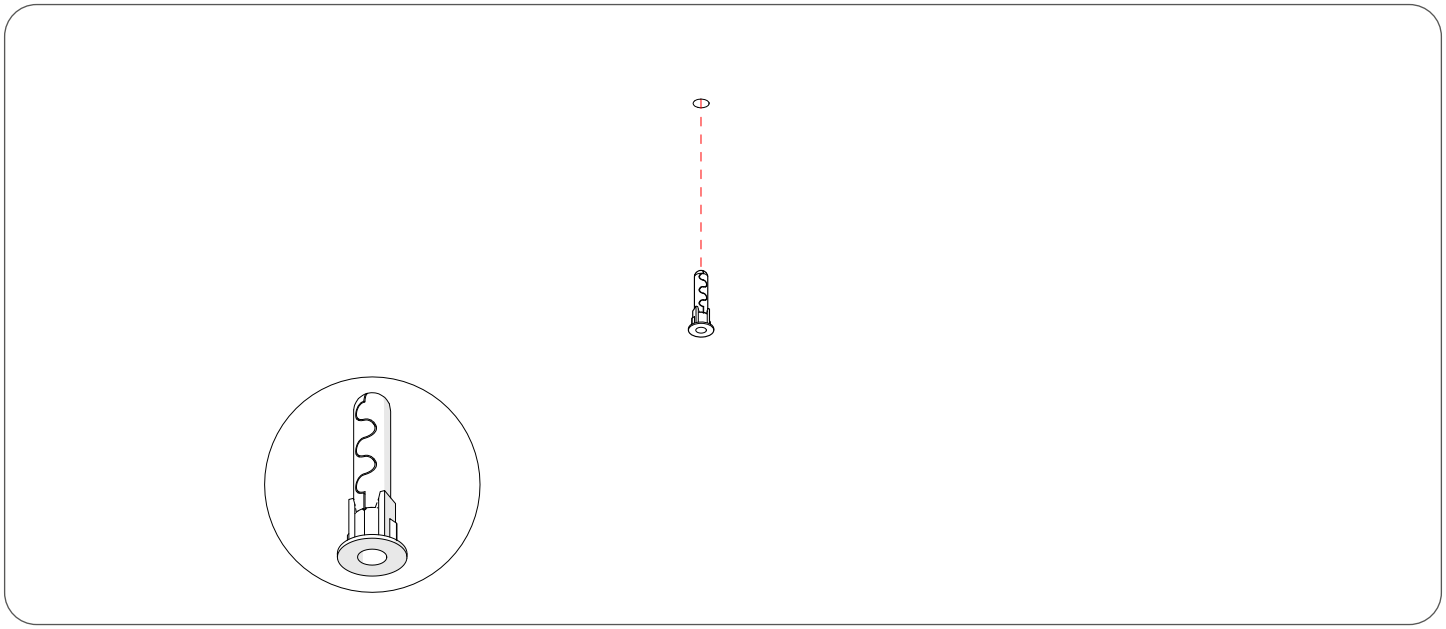
Step 1 - Mark and drill holes

- Determine four suspension points according to the project and fixture dimensions.
- Drill O10-11 mm (0.39”) holes perpendicular to the ceiling surface.
- Remove drilling dust and check substrate load capacity.



Step 2 - Perform drilling and secure mounting elements

- Use plugs and screws suitable for: concrete / brick / plasterboard / wood.



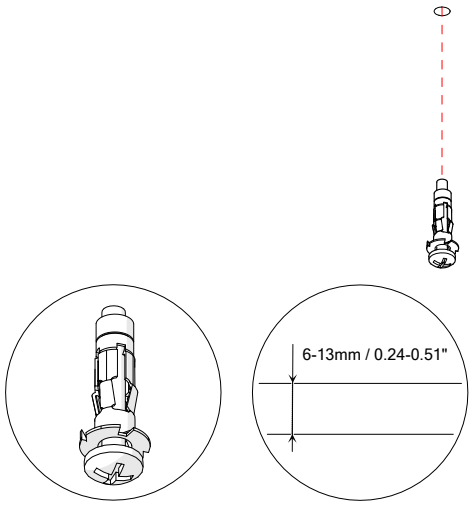
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Installation of ceiling anchors

- Installation of anchors in a board ceiling with a thickness of 6-13 mm (0.24-0.51”).

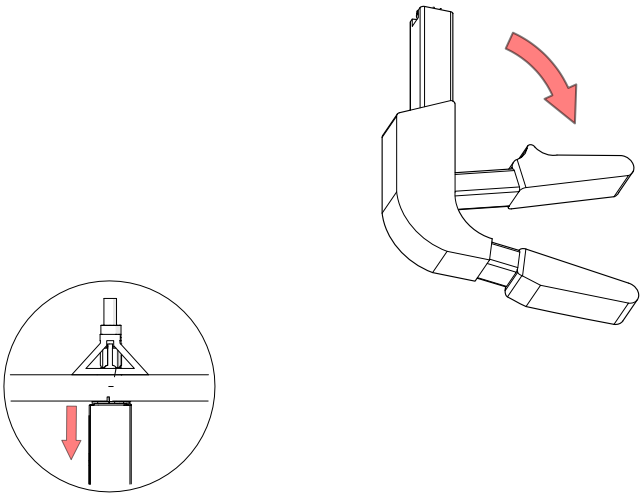
Step 1 - Fit and insert the anchor

- Check if the board thickness is within the range of 6-13 mm (0.24-0.51”) shown in the drawing.
- Slide the assembled anchoring element through the hole until the collar rests against the ceiling.
- Keep the anchor vertical and do not force it in.



Step 2 - Expand and lock the anchor

- Place the Molly plug setting tool onto the bolt head.
- Crimp the plug into the board according to the direction of the arrow.
- Repeat the action for all suspension points.



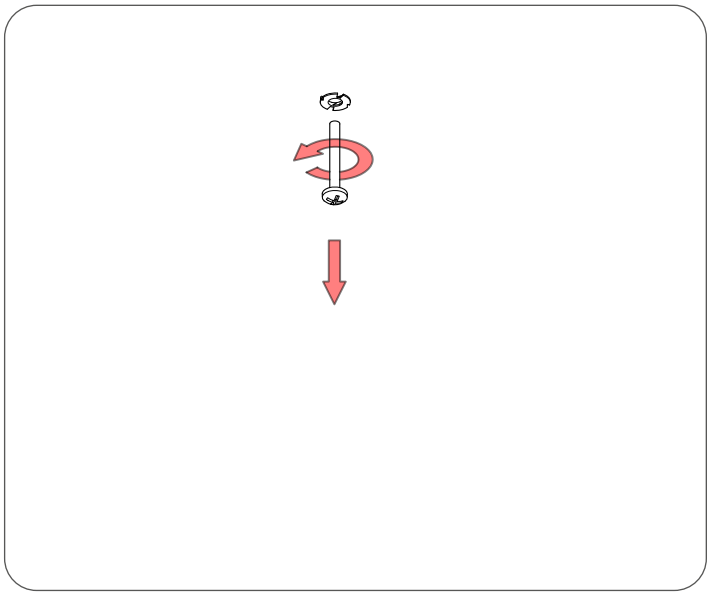
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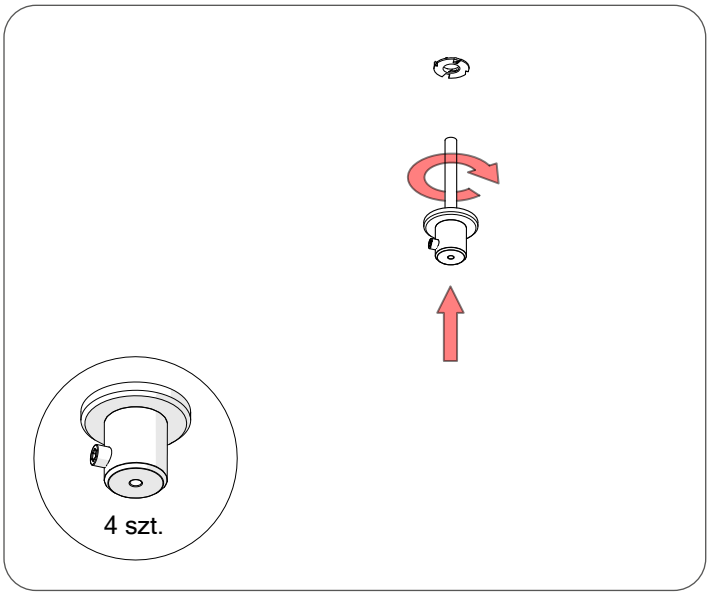
Installation of suspension and power supply point

- Installation of suspension elements and preparation of the pass-through for the 24 V DC cable.

Step 1 - Install ceiling suspensions

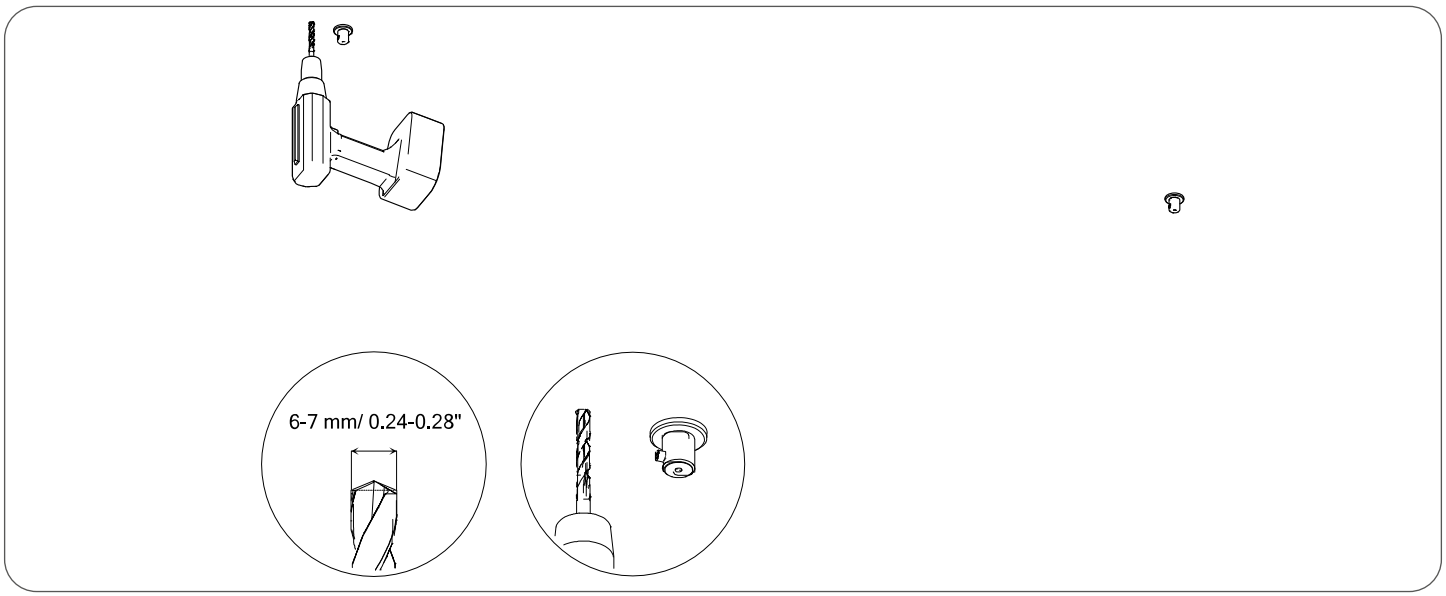
- Unscrew the bolt from the Molly plug.
- The bolt will no longer be needed in further assembly.
- Screw the hangers with rods into the plug (4 pcs)





Step 2 - Prepare cable outlet point

- Drill a hole O 6-7 mm (0.24-0.28”) at the location intended for the 24 V DC cable.
- Remove sharp edges to avoid damaging the cable insulation.
- Install cable guide or rosette according to the drawing.



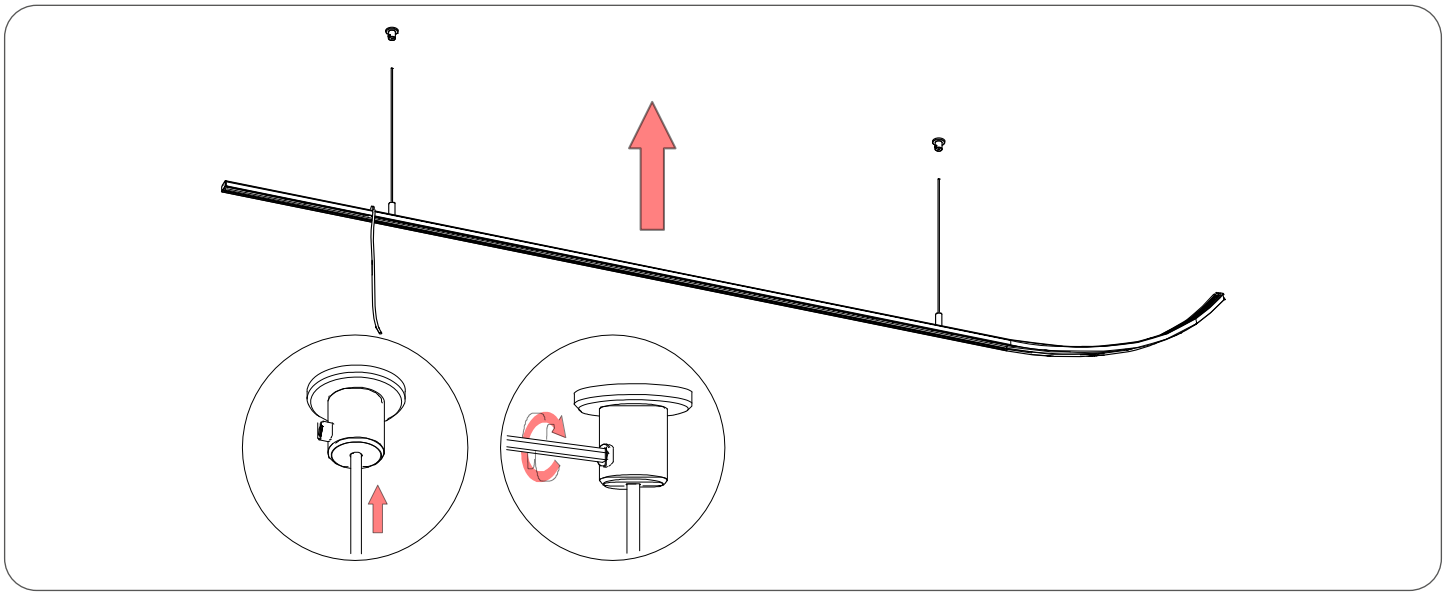
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Suspension of the fixture and cable connection

- Fastening the fixture on steel rods and supplying 24 V DC power.

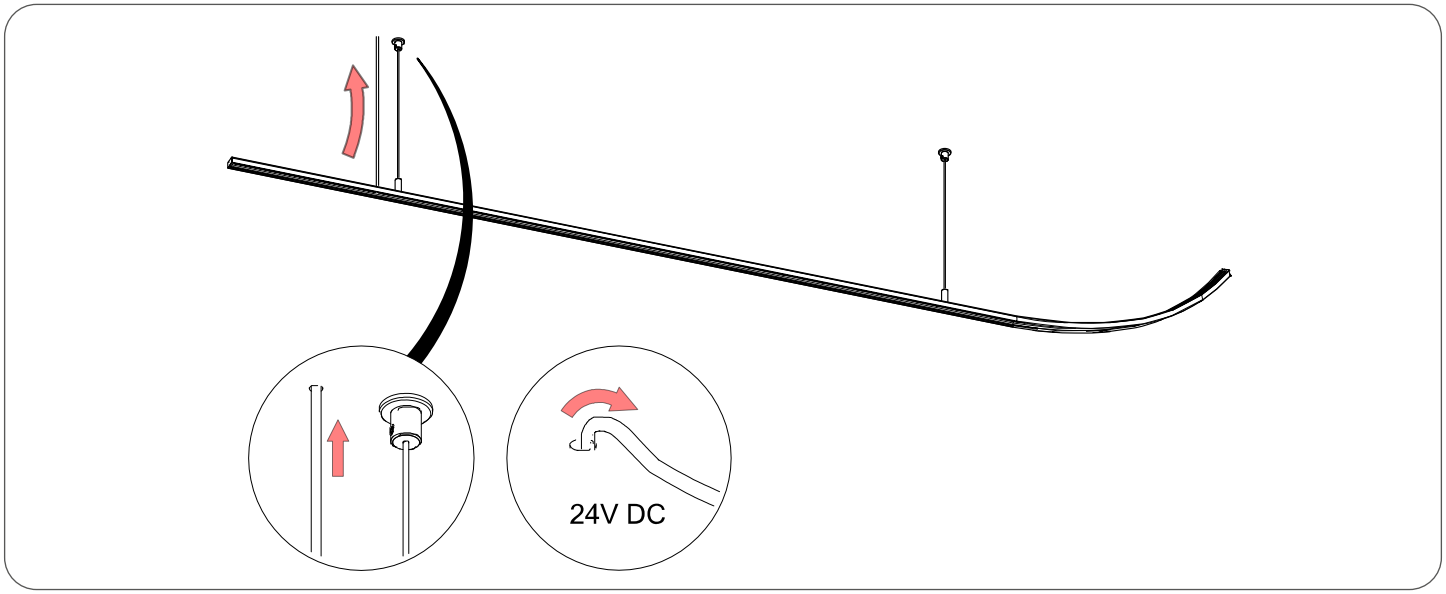
Step 1 - Fasten the fixture on rods

- Support the fixture and insert each rod into the corresponding hanger in the fixture.
- Raise the fixture to the required height, adjusting all rods sequentially.
- After positioning, tighten the locking screws and check that the rods do not slide out of the holders.



Step 2 - Route the 24 V DC cable from the fixture to the power supply unit

- Lead out the 24 V DC cable coming out of the fixture through the prepared pass-through.
- Route the cable to the space intended for the power supply unit.
- Leave cable slack allowing connection and subsequent servicing.
- The cable must not be strained or carry the weight of the fixture.



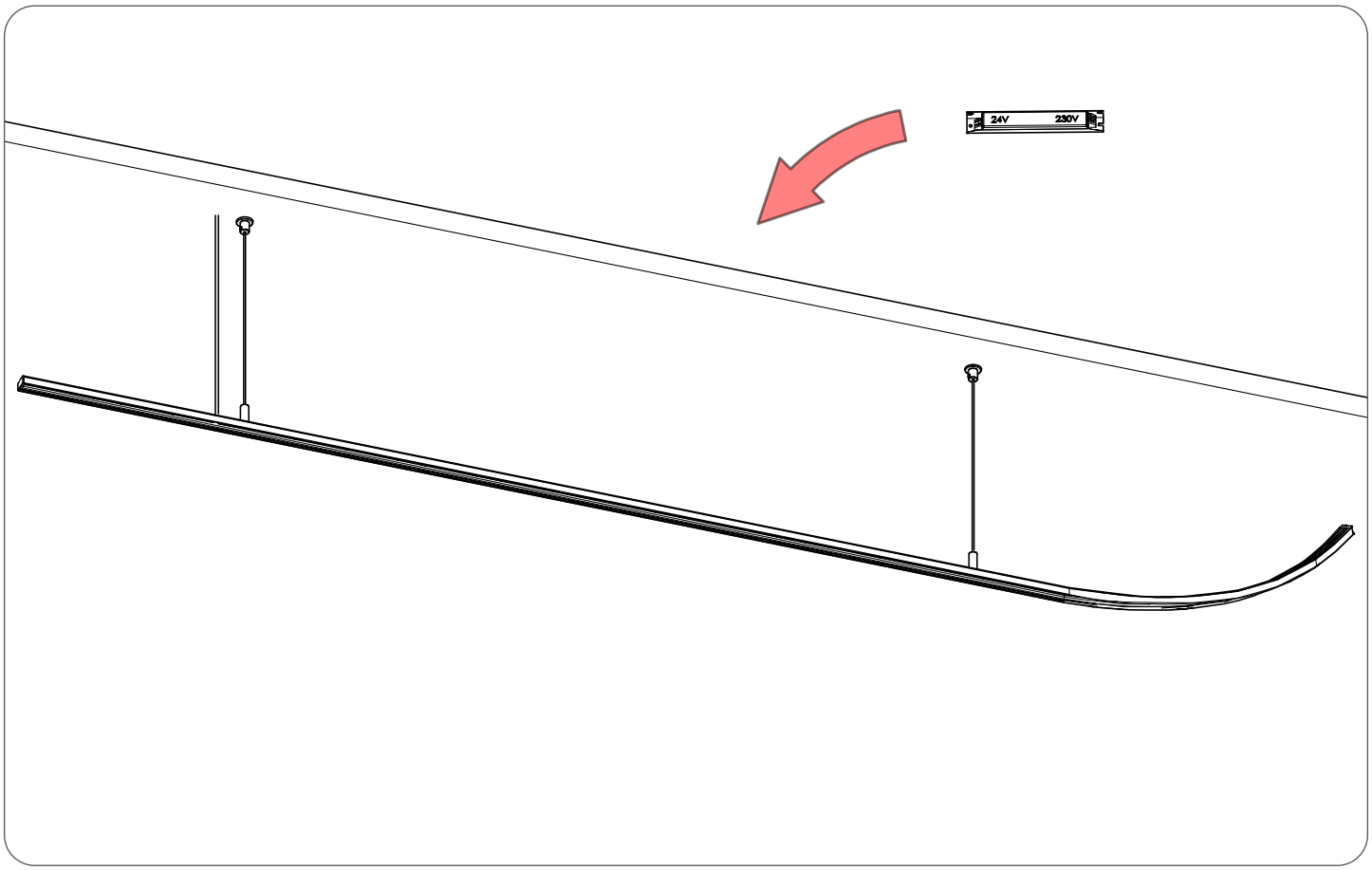
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Preparation of the power supply unit mounting place

- Providing an accessible, safe, and ventilated technical space for the 24 V DC power supply unit.

Step 1 - Provide a mounting location for the power supply unit

- Determine a space in the technical area with dimensions suitable for the selected power supply unit.
- Ensure free service access, ventilation, and clearances required by the power supply manufacturer.
- Lead the 24 V DC cable coming out of the fixture and the mains power supply cable to this location.
- Do not cover the power supply unit with thermal insulation and do not lay it directly on cables or on the fixture.



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24 V DC connection and mounting of BOX-M600

- Power supply 220-240 V AC, 50/60 Hz. If you have a version with control, also connect DA+/DA-.

RULES

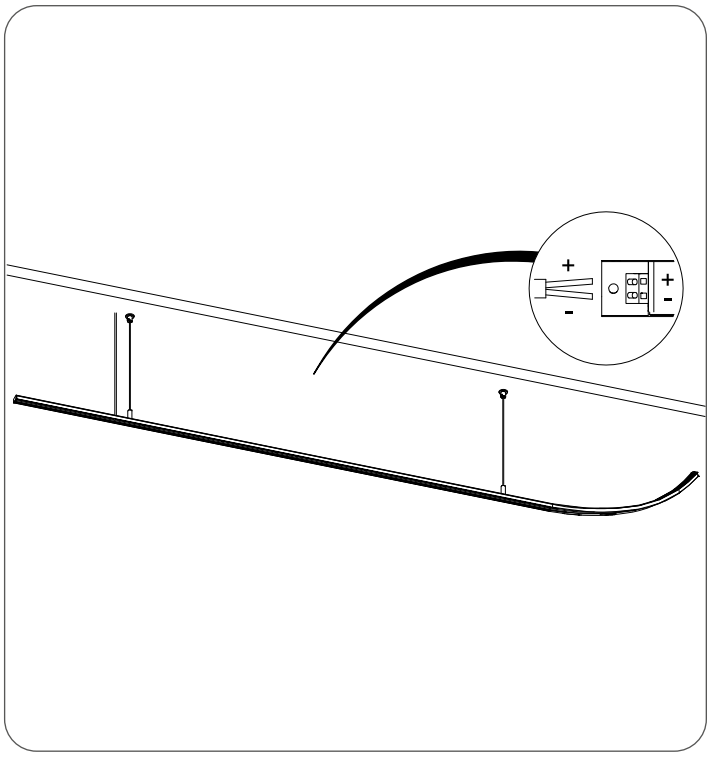
- Work on the 220-240 V AC side may only be performed by qualified personnel.
- Select a power supply unit for 24 V DC voltage and the total power of the connected fixture.
- Connect cables only with the power supply disconnected and secure them against strain.
- Connect the version with control according to the manufacturer's diagram

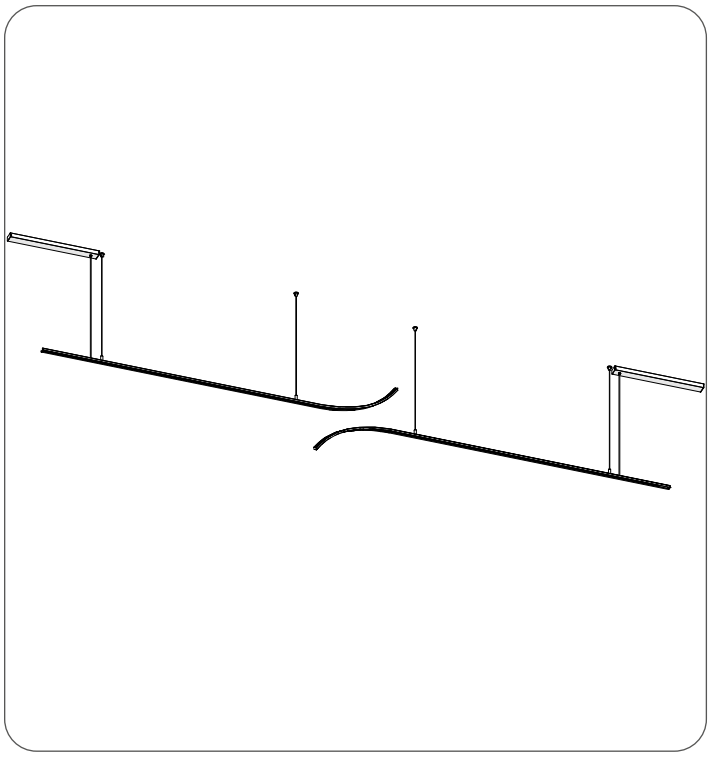
CABLE MARKINGS

- L – phase
- N – neutral
- PE – protective
- DA+ / DA- – control (if present in fixture version)

Step 1 - Install and connect the power supply unit

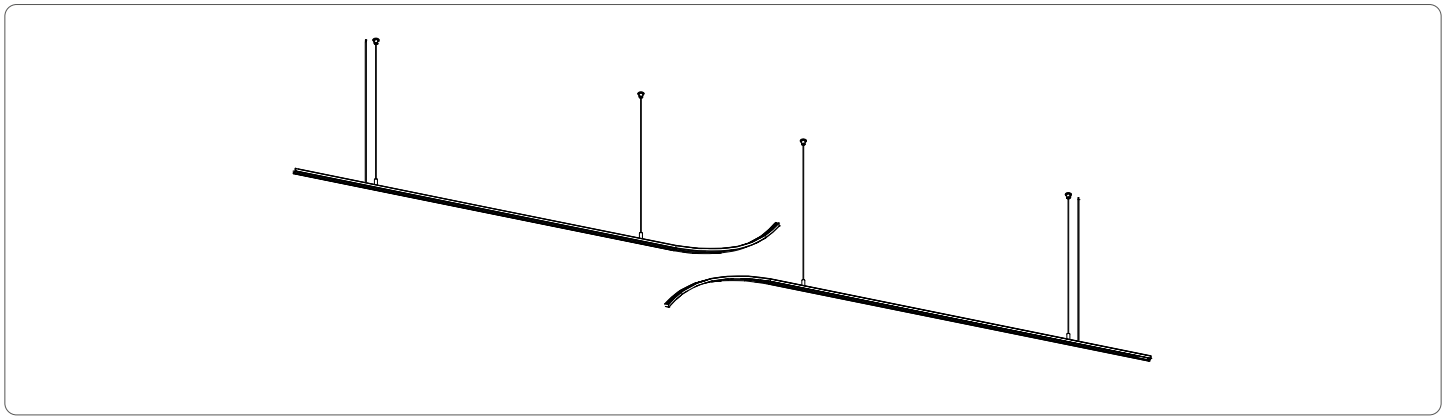
- Connect the „+" wire to the „+" terminal, and the „-" wire to the „-" terminal.
- Check security of connections and protect them against pulling out.
- Reversed polarity may prevent the fixture from operating.





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

- Disconnect 24 V DC cables from the fixture.
- Support the fixture and loosen the hanger set screws.
- Slide the rods out of the fixture or ceiling elements, constantly controlling the weight of the fixture.
- Disassemble ceiling suspensions and mountings if required.
- Entrust disconnecting the power supply unit on the 230 V AC side to qualified personnel.
- Secure remaining cables in accordance with applicable regulations.

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

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