DIMIDIA-H

Installation and Operating Instructions

Table of Contents

About the product 2
Installation – site preparation 3
Installation of ceiling anchors 4
Installation of suspension and cable outlet point 5
Suspension of the fixture and 24 V DC cable output 6
Preparation of the power supply unit mounting place 7
Connection of 24 V DC power supply and BOX-M600 8
Maintenance, disposal, disassembly, USA compliance 9

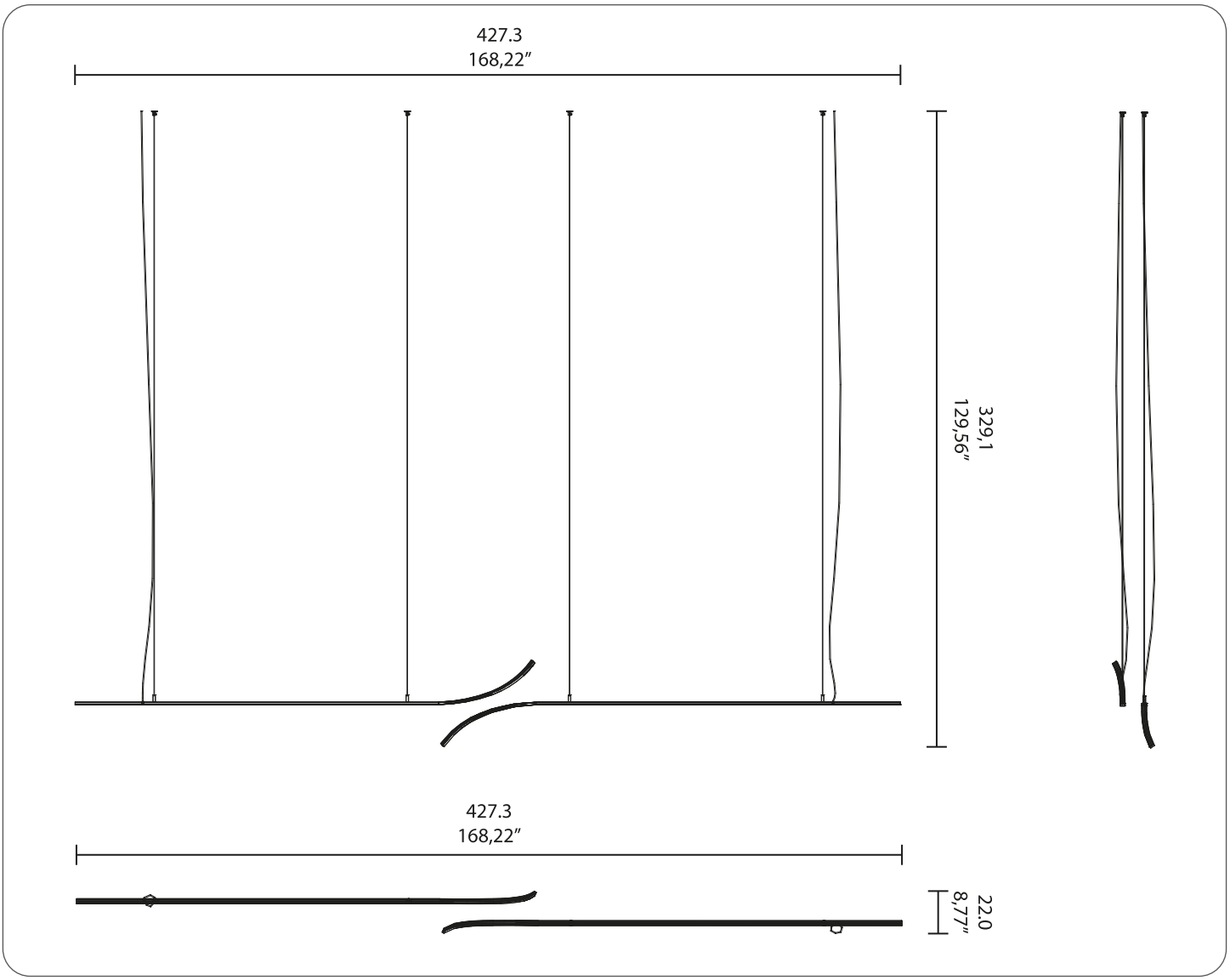
Ready-made fixture

Suspended mounting

CE • LVD • EMC • RoHS

24V DC

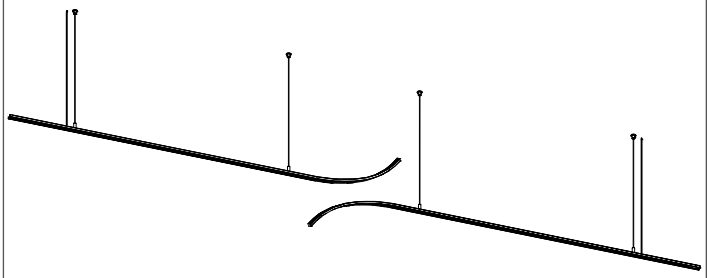
DIMENSIONS:



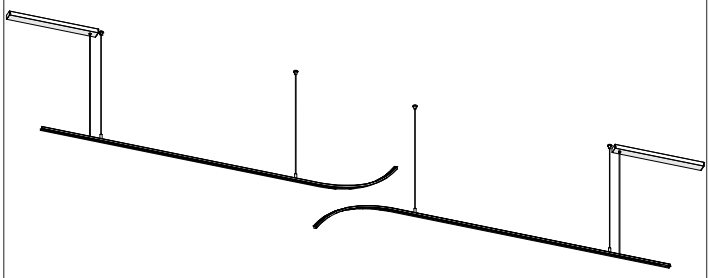
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DIMIDIA-H

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.

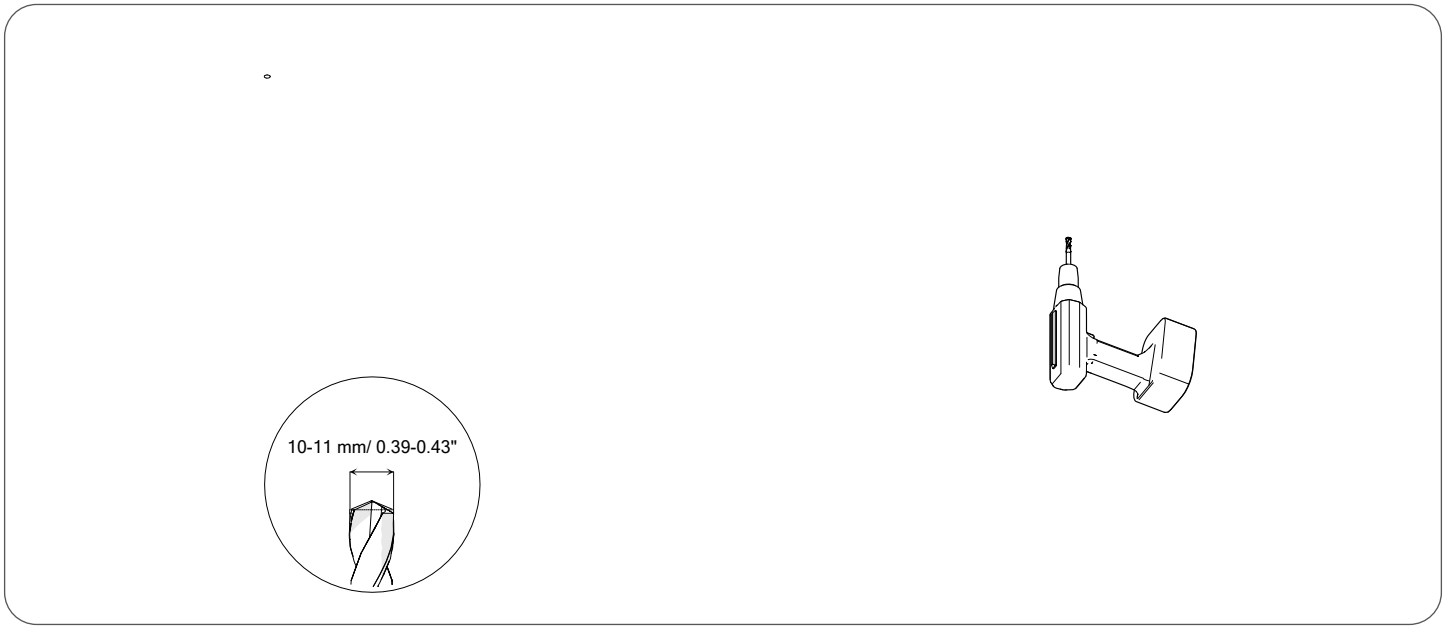
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Installation – site preparation

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

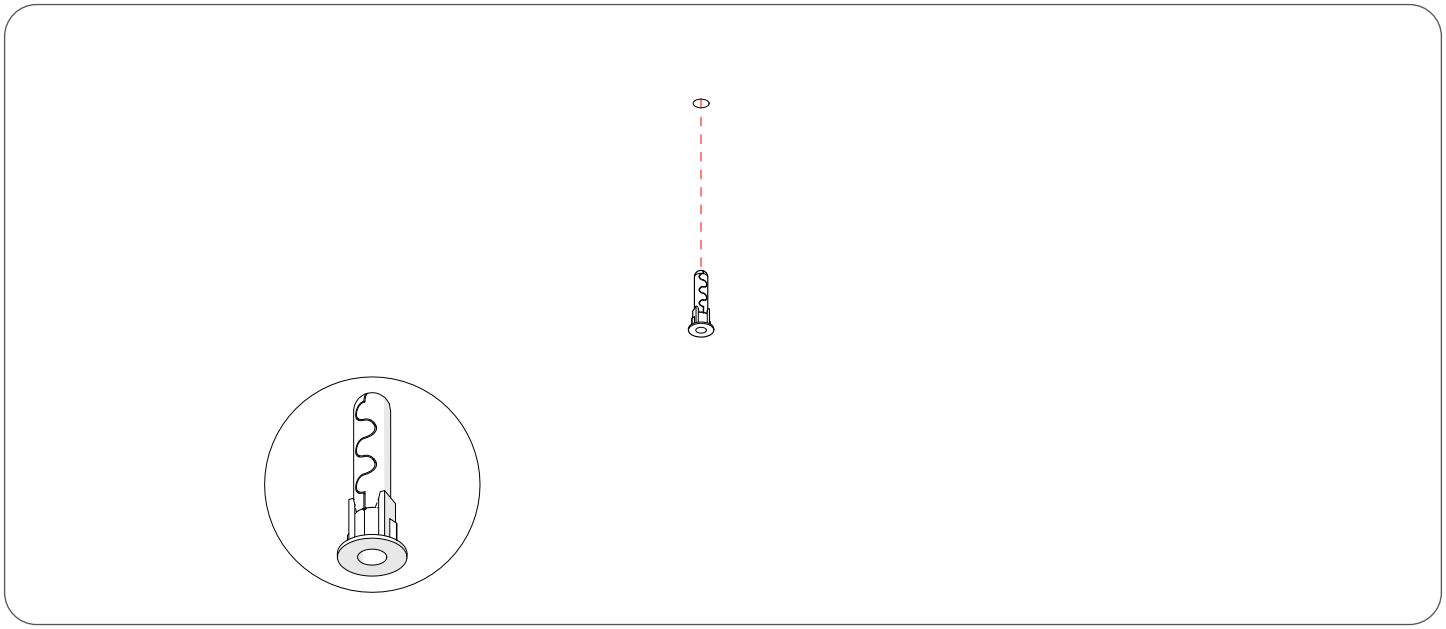
Step 1 - Mark and drill holes

- 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.



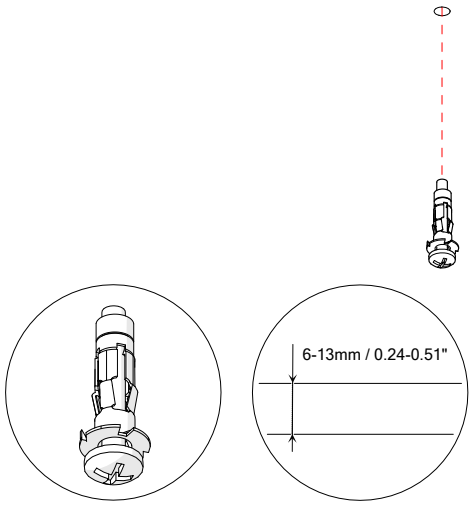
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Installation of ceiling anchors

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

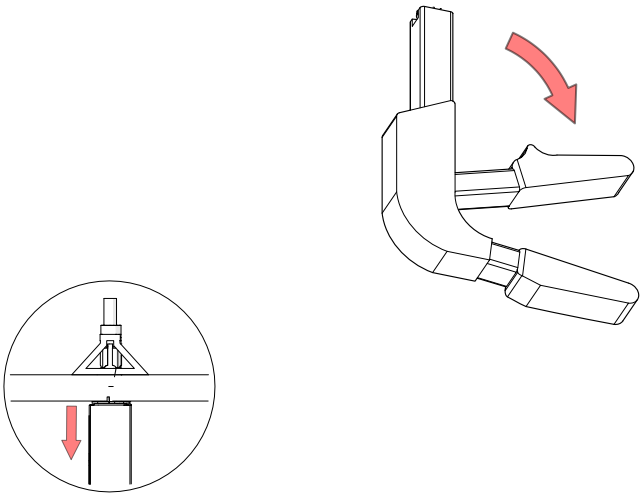
Step 1 - Fit and insert the anchor

- 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.



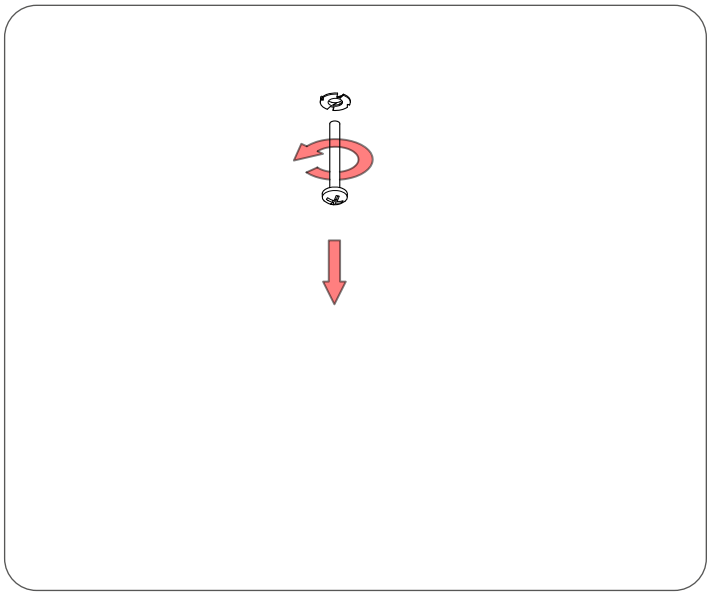
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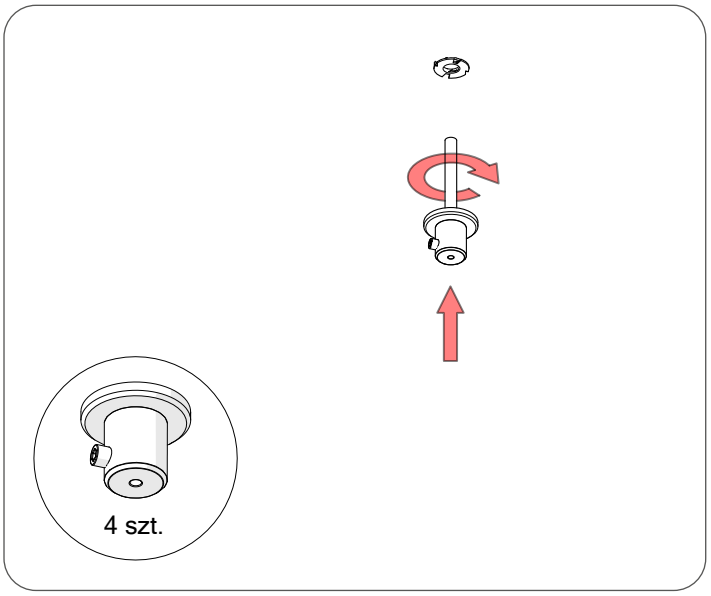
Installation of suspension and power supply point

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

Step 1 - Install ceiling suspensions

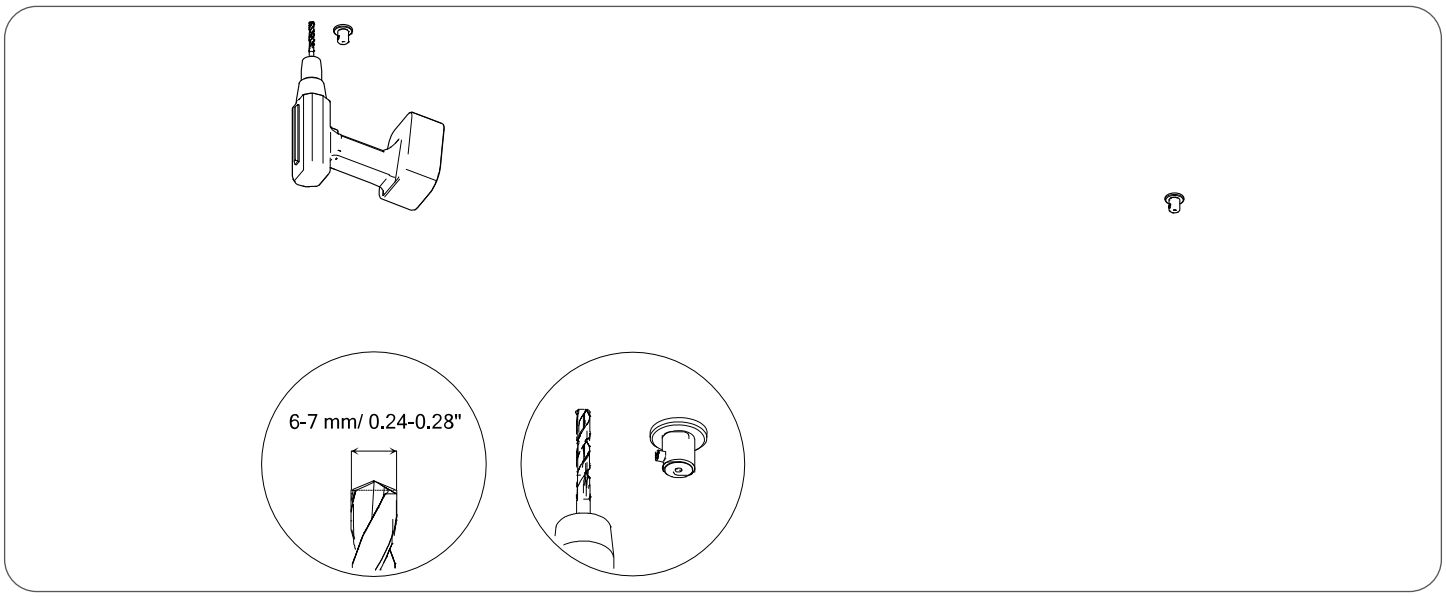
- Unscrew the bolt from the Molly plug.
- The bolt will no longer be needed in further assembly.
- Screw the hangers with rods into the plug (4 pcs)





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.



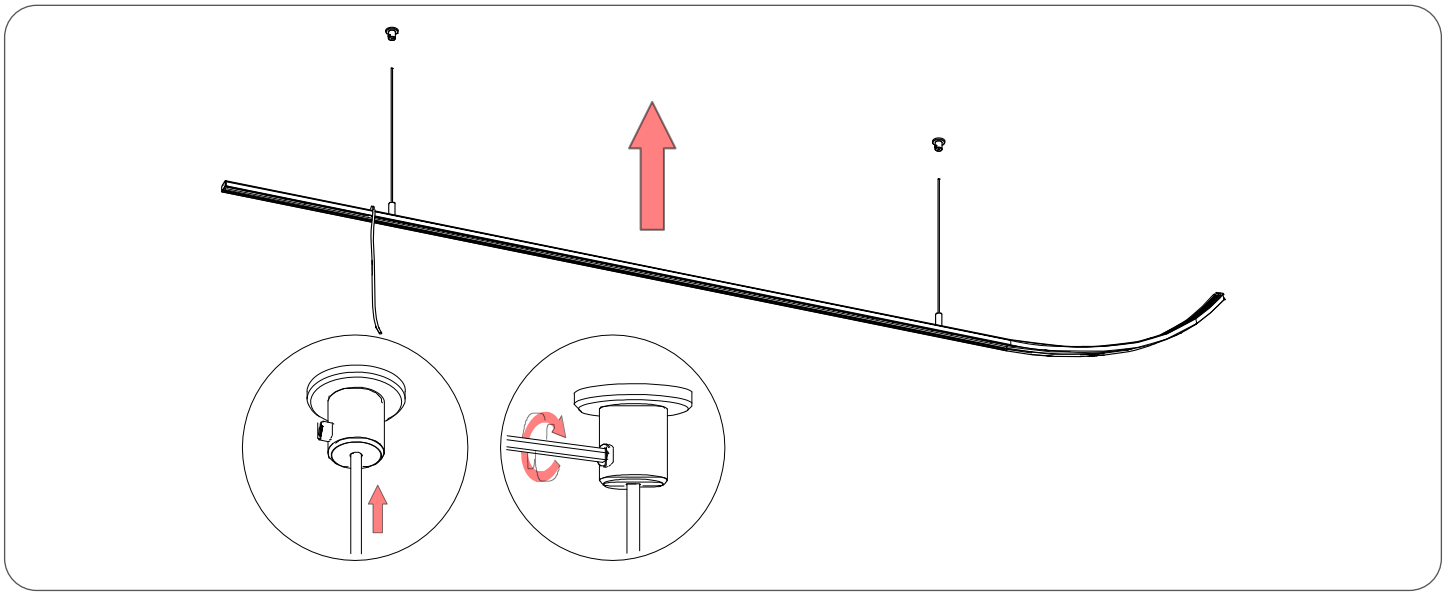
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Suspension of the fixture and cable connection

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

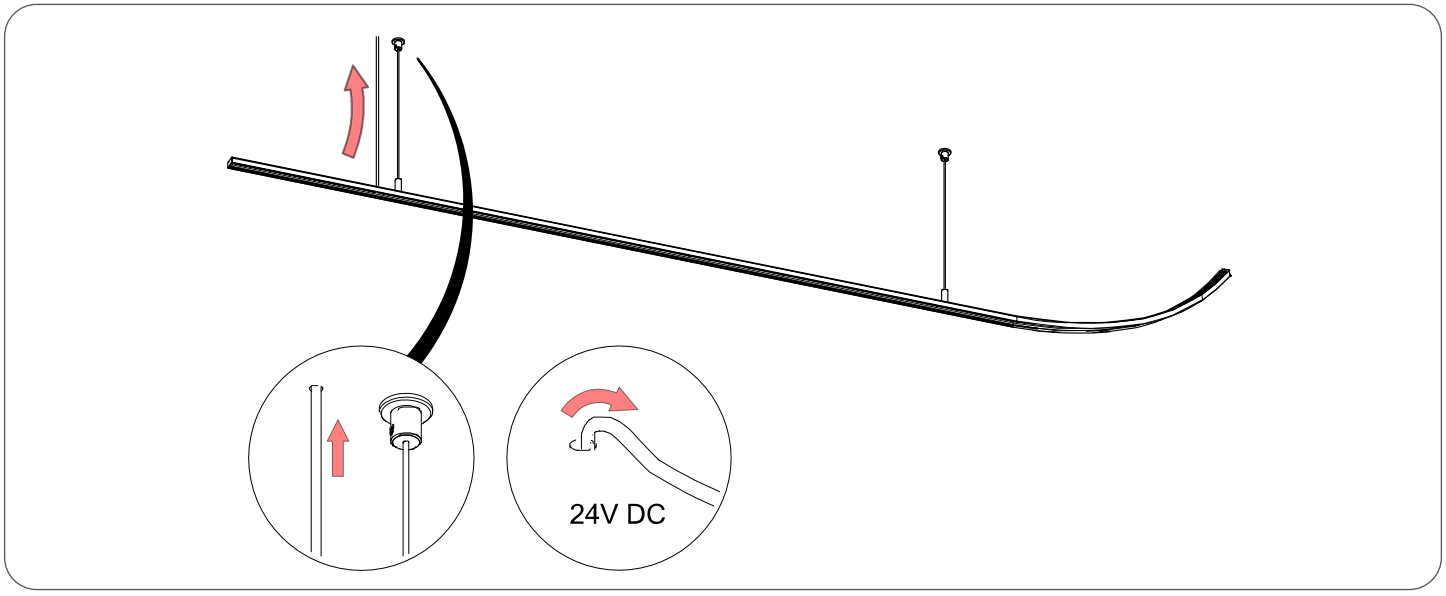
Step 1 - Fasten the fixture on rods

- 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.



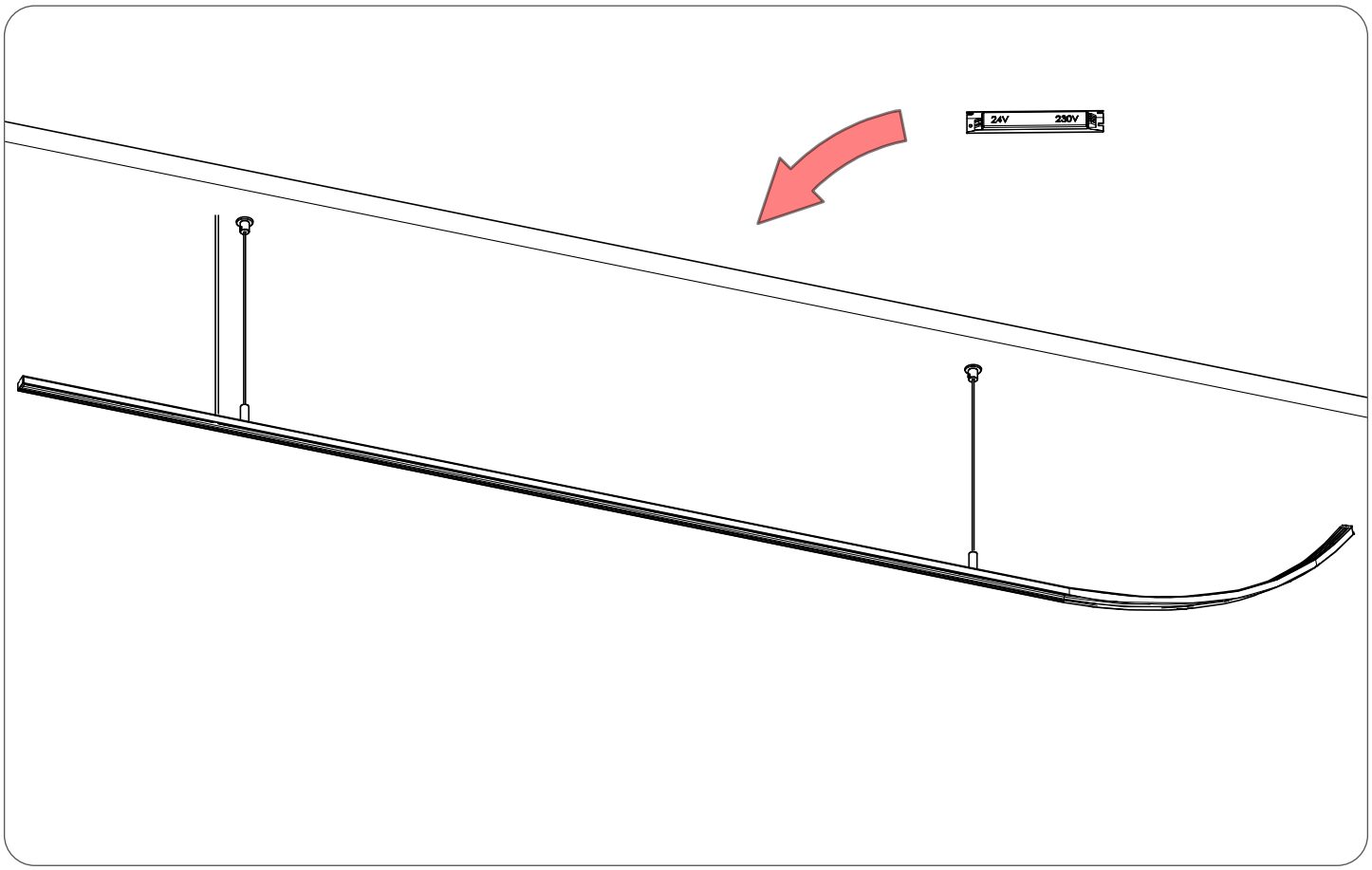
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Preparation of the power supply unit mounting place

- 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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Electrical connection

- The luminaire operates on 24V DC supplied by an external (remote) driver.
- Mains voltage 120V / 277V AC, 50/60Hz must be connected to the remote driver only.
- Only the 24V DC output from the remote driver is connected to the luminaire.

RECOMMENDATIONS

- Ensure the mains supply is connected to the remote driver.
- Connect only the 24V DC output to the luminaire.
- Switch off the power supply before installation or maintenance.
- Ensure all connections are secure and cables are not under tension.

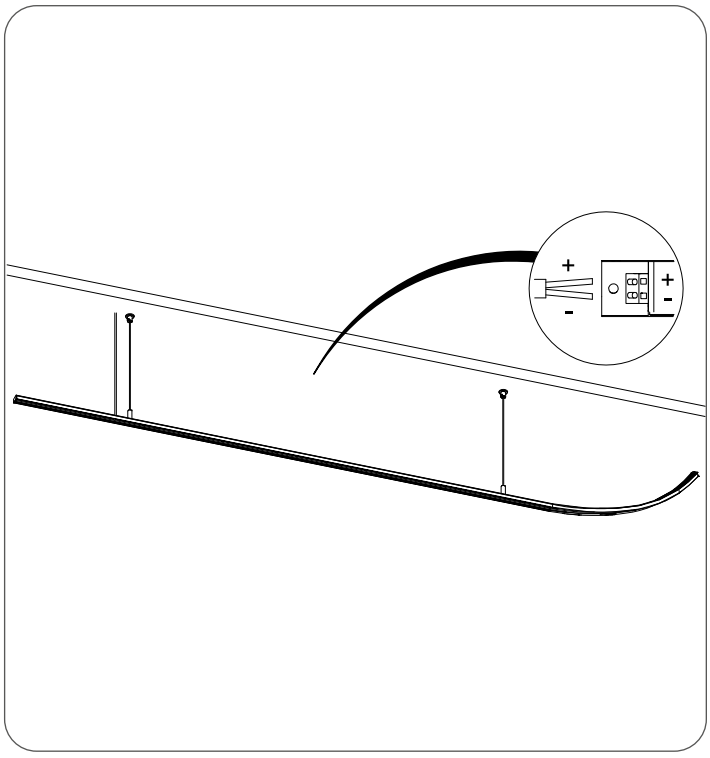
WIRING DIAGRAM

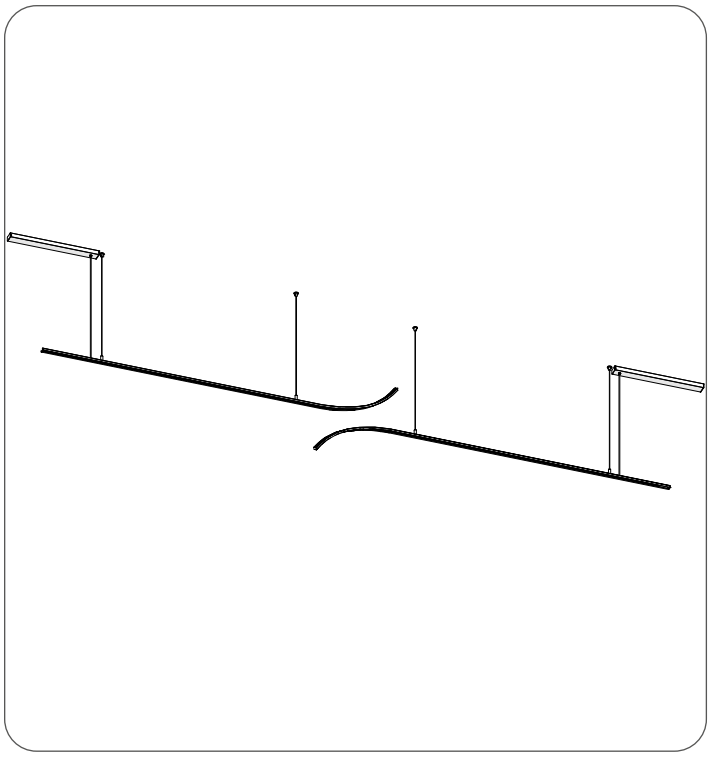
- The luminaire is supplied with a factory-prepared cable terminated with a 2-pin terminal block.
- 24V (+) – Positive (DC+)
- 0V (-) – Negative (Blue wire)
- Connect the 24V DC output from the remote driver to the corresponding terminals of the 2-pin connector.

  * Observe correct polarity. Incorrect connection may damage the luminaire.

Step 1 – Connect the Wires to the Terminal Block

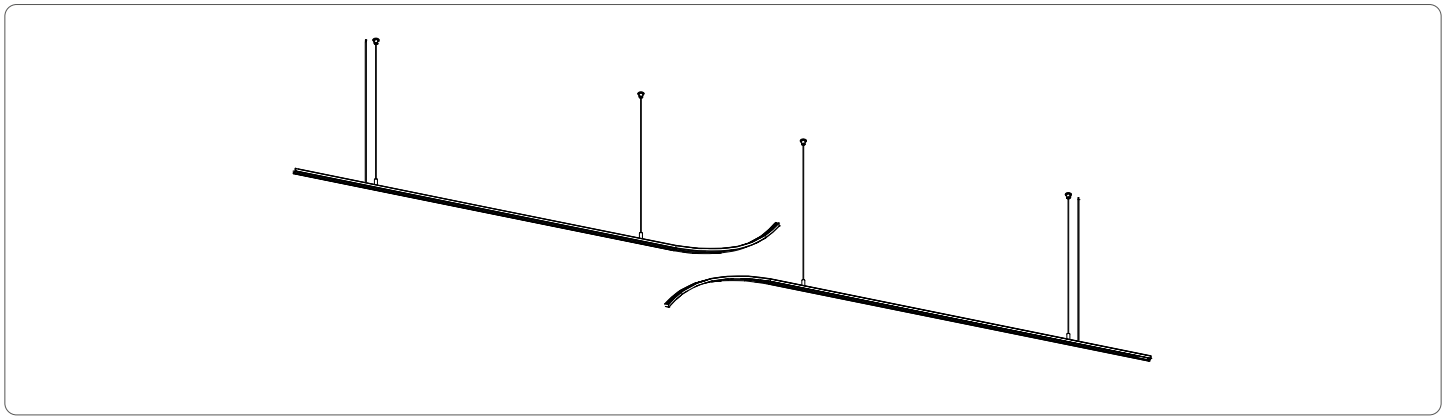
- Connect the 24V DC output from the remote driver to the supplied 2-pin terminal block.
- Match the polarity correctly: 24V (+) to positive(brown or red), 0V (-) (blue or black wire) to negative.
- Ensure all connections are secure and no conductors are exposed.
- Make sure the cable is not under tension after connection.
- Remove any excess cable slack to prevent strain on the terminals.





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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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