PLANA-1

Installation and Operating Instructions

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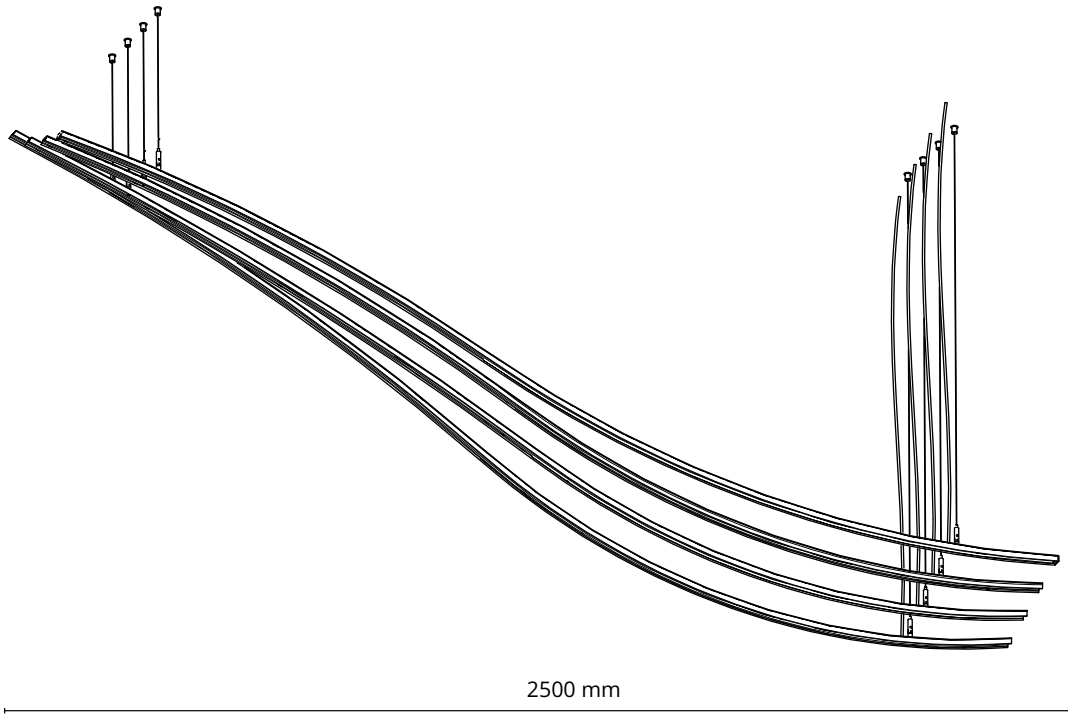
Ready-made fixture

Suspended mounting

CE • LVD • EMC • RoHS

24V DC

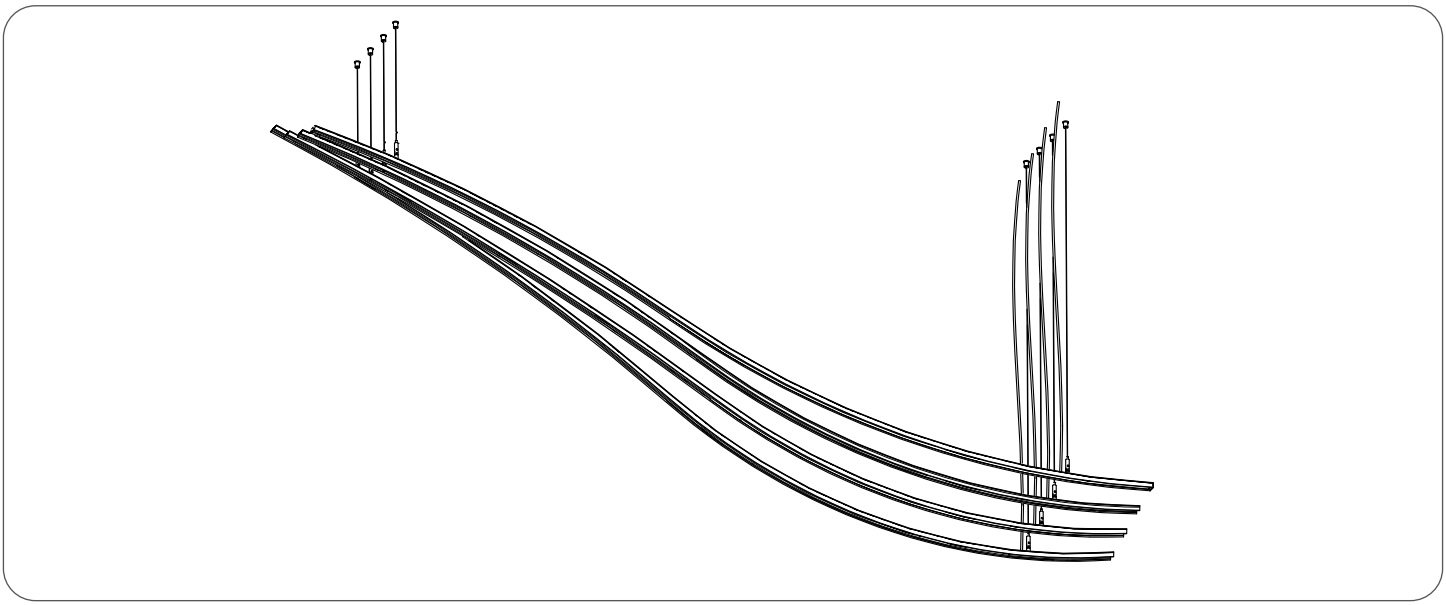
DIMENSIONS:



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PLANA

Ready-made lighting fixture designed for suspended installation.
The manual describes standard mechanical installation and electrical connection of the fixture.



THE SET INCLUDES:

- Manual
- PLANA fixture
- Suspension elements / mounting accessories (according to configuration)
- Template for determining mounting points

SET DOES NOT INCLUDE

- Screws and wall plugs selected for the substrate (not always included)
- Control elements (if present in the fixture version)
- Installation connectors (terminal blocks and quick electrical connectors)

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.

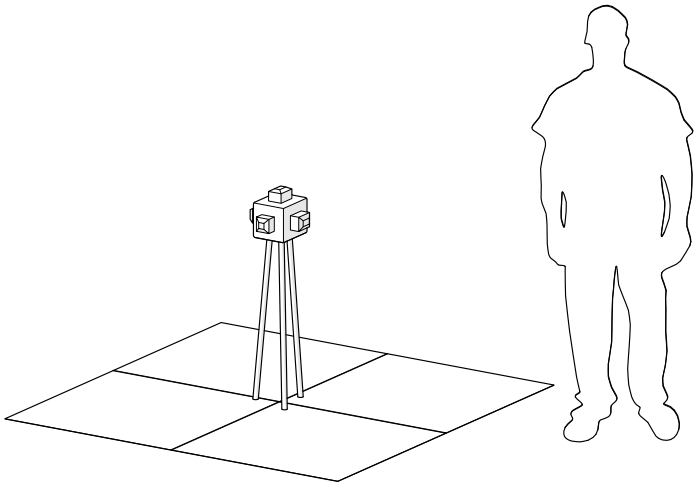
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Installation of ceiling suspensions and fixture suspension

- Installation of ceiling elements, power supply cable preparation.

Step 1 - Determine mounting points

- Determine target position of the fixture.
- Mark locations of power supply cable outputs for all light points.
- Separately mark mounting points for heads securing the fixture.



Note:
Use the suspension template included in the set.



Step 2 - Drill holes for mounting heads

- Drill holes at marked locations for mounting heads.
- Adjust hole diameter to the type of fixings used.
- Remove mounting dust before further installation.



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Step 3 - Seating wall plugs

- Place wall plugs in the drilled holes.
- Press them until fully seated in the substrate.
- Check stability of all fastening points.



Step 4 - Installation of suspension elements

- Install suspension elements at prepared points.
- Tighten elements to the ceiling surface.



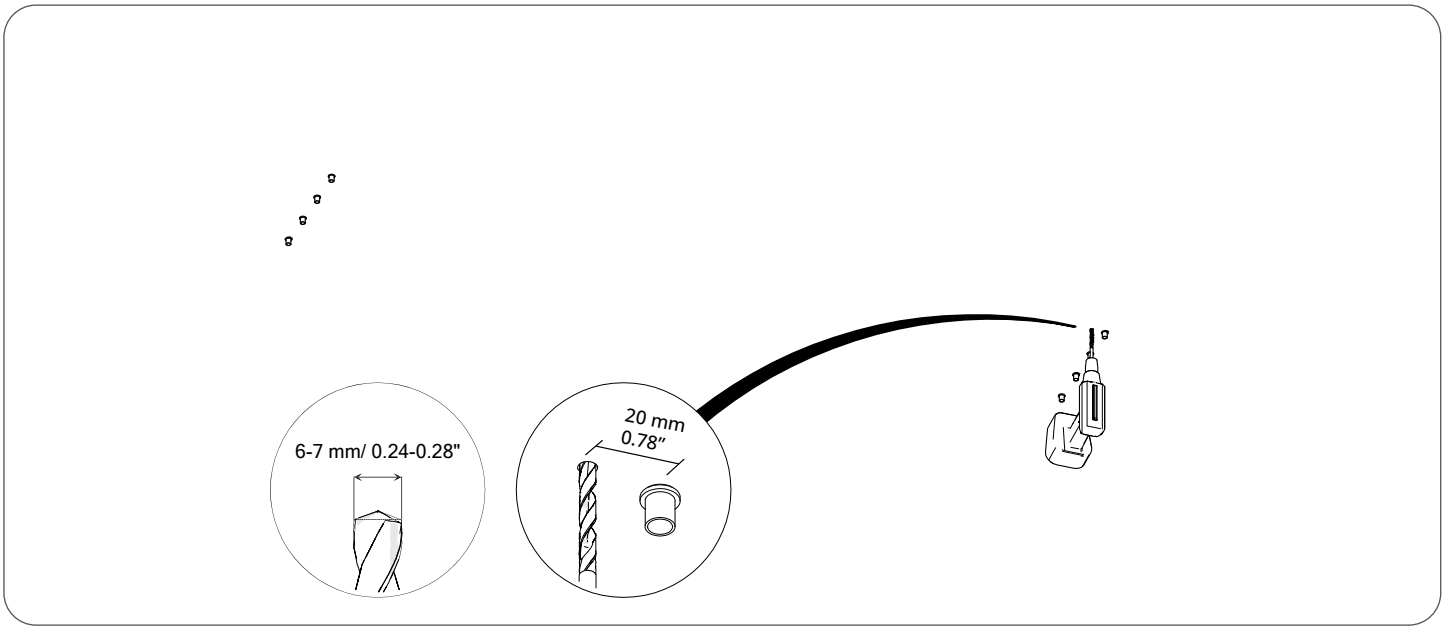
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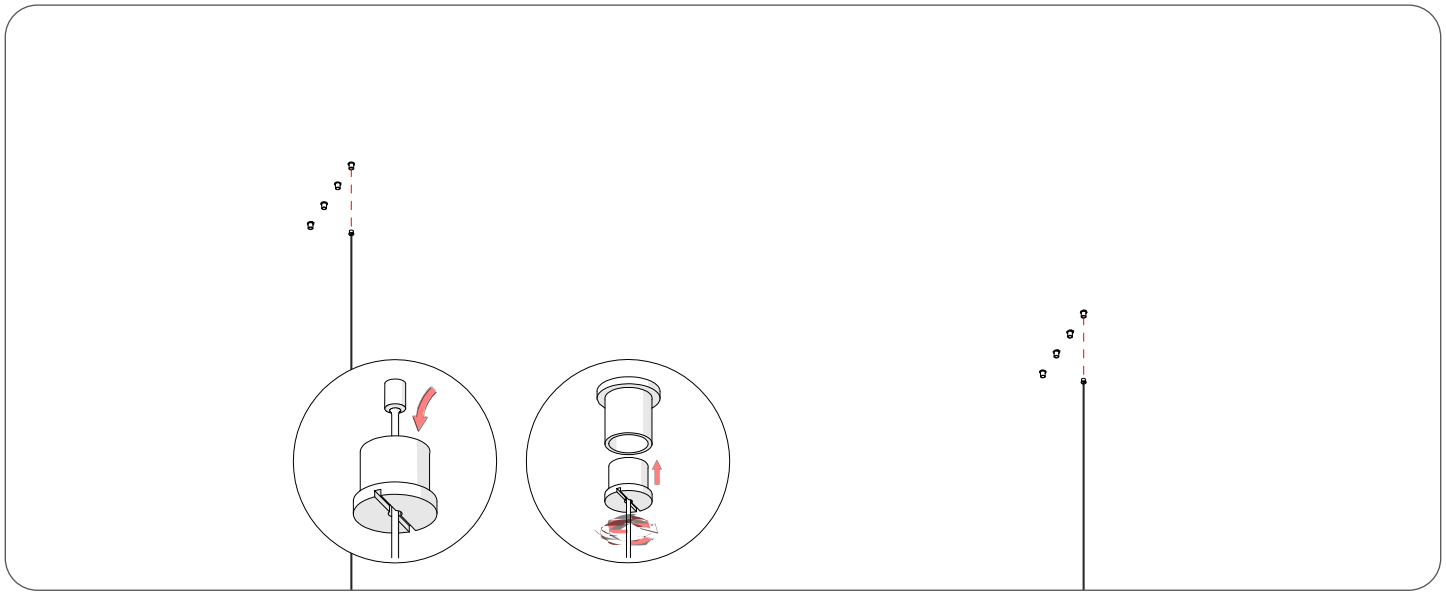
Step 5 - Making holes for power supply cables

- Make holes at marked points for power supply cables



Step 6 - Installation of suspension elements

- Pass the steel cable through the lower suspension element.
- Tighten the lower suspension element to the upper element mounted on the ceiling.



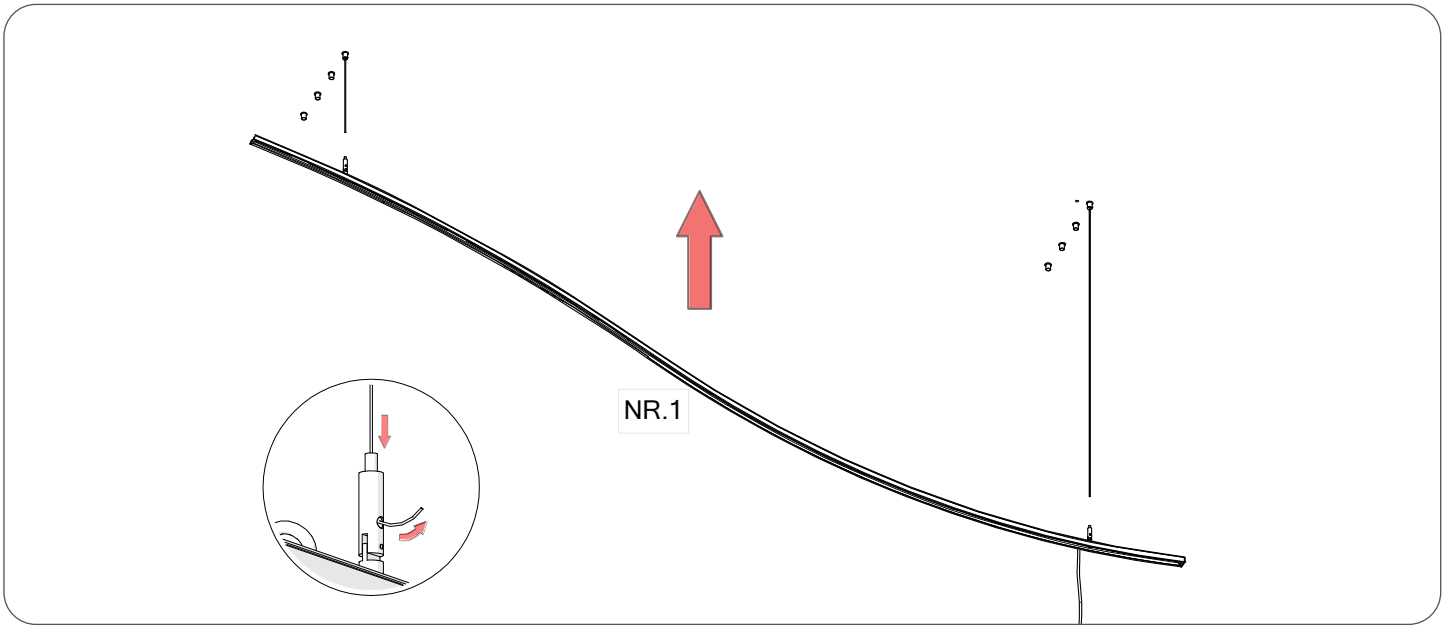
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Installation of ceiling suspensions and fixture suspension

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Step 7 - Installation of fixture on suspension cables

- Insert cables into heads mounted on the lighting fixture.
- Slide cables in until reaching initial suspension height.
- Check proper locking of cables.



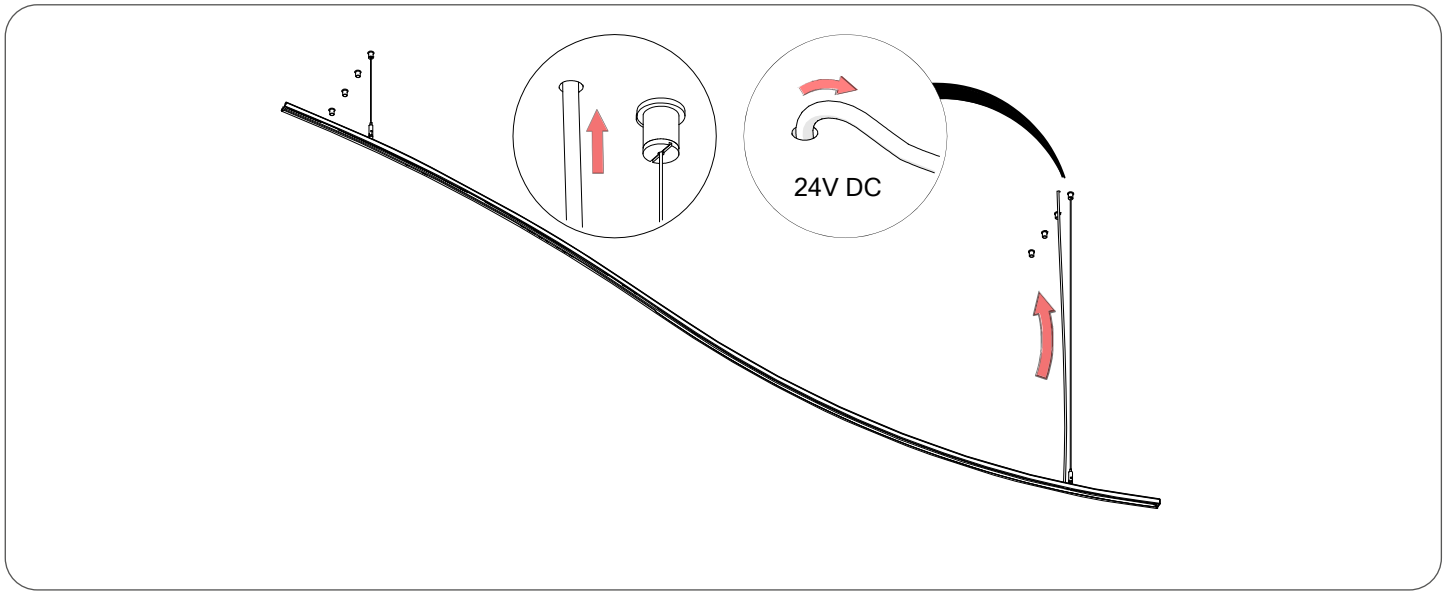
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Routing the fixture cables

- Fixture power supply cables should be led to the power supply unit mounting place or directly
- to a previously prepared power supply point.

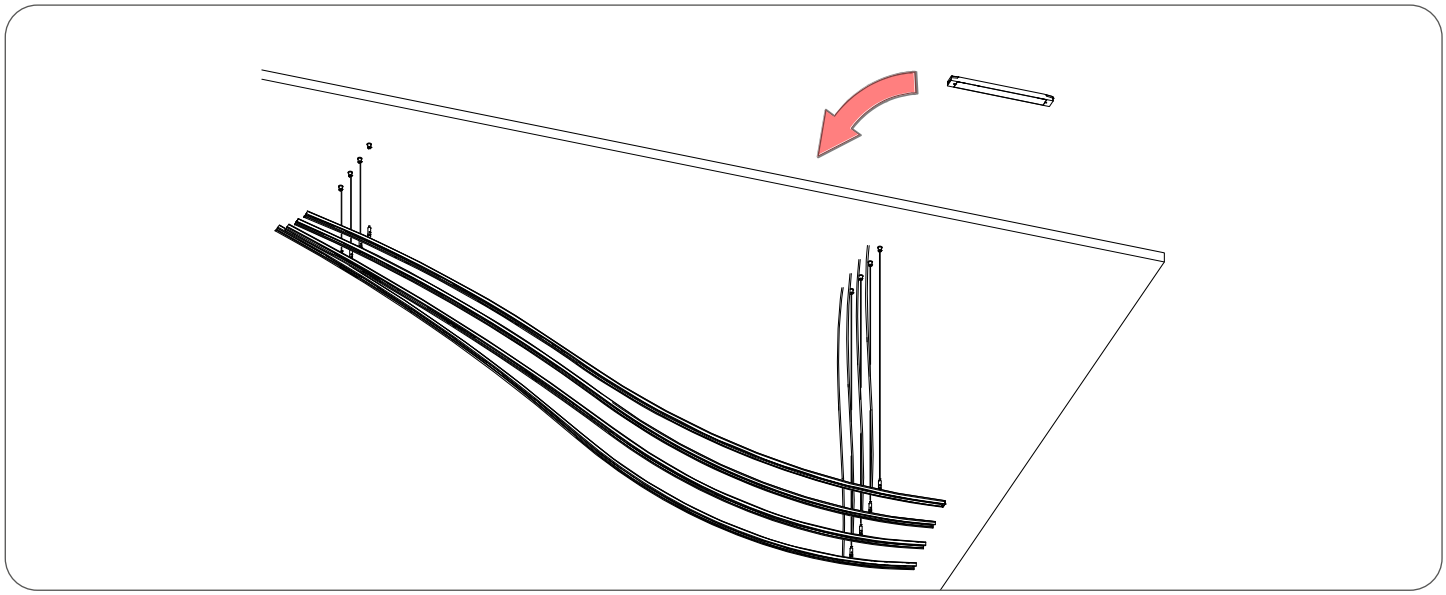
Step 1 - Route power supply cables

- Route power supply cables through prepared holes.
- Lead cables into the mounting space above the ceiling.
- Prepare cables for electrical connections.



Step 2 – Power supply installation

- Place the power supply unit in the space above the suspended ceiling.
- Arrange cables without bends or strain.
- Prepare the power supply unit for electrical connections.



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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.

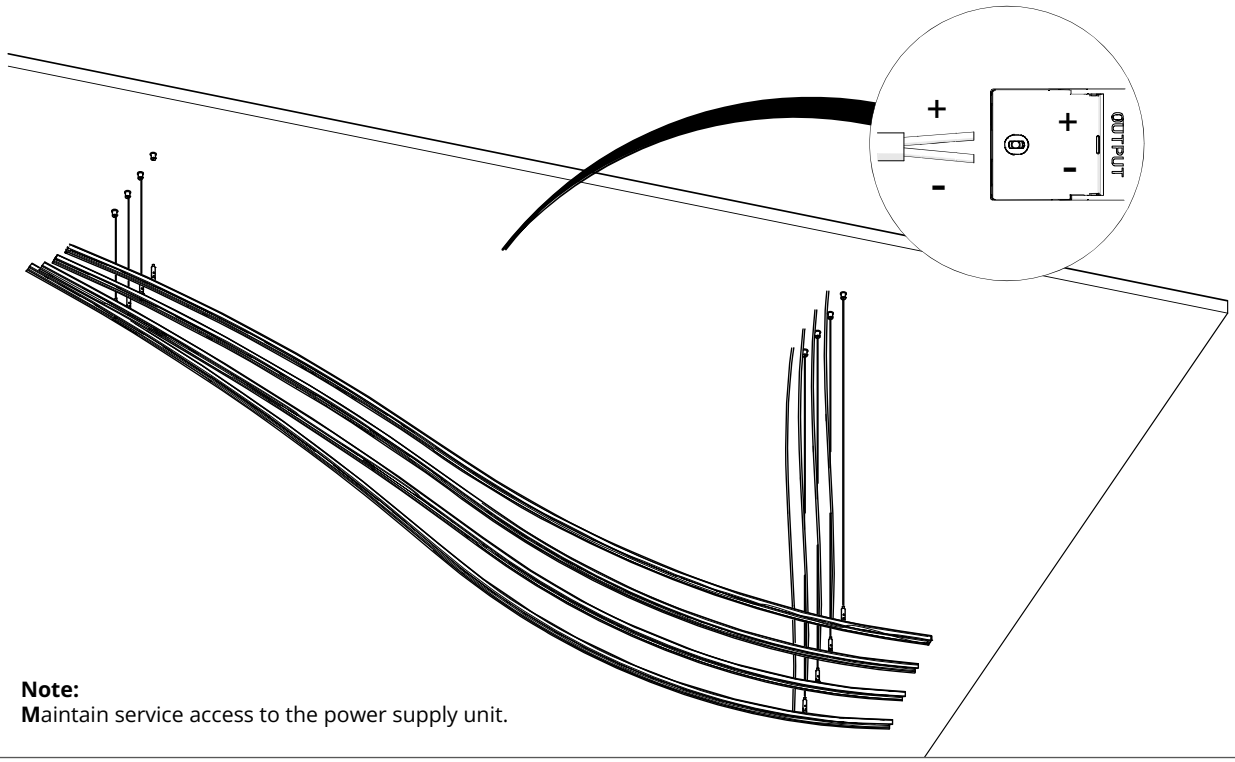
WIRING DIAGRAM

- 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.



Note:
Maintain service access to the power supply unit.

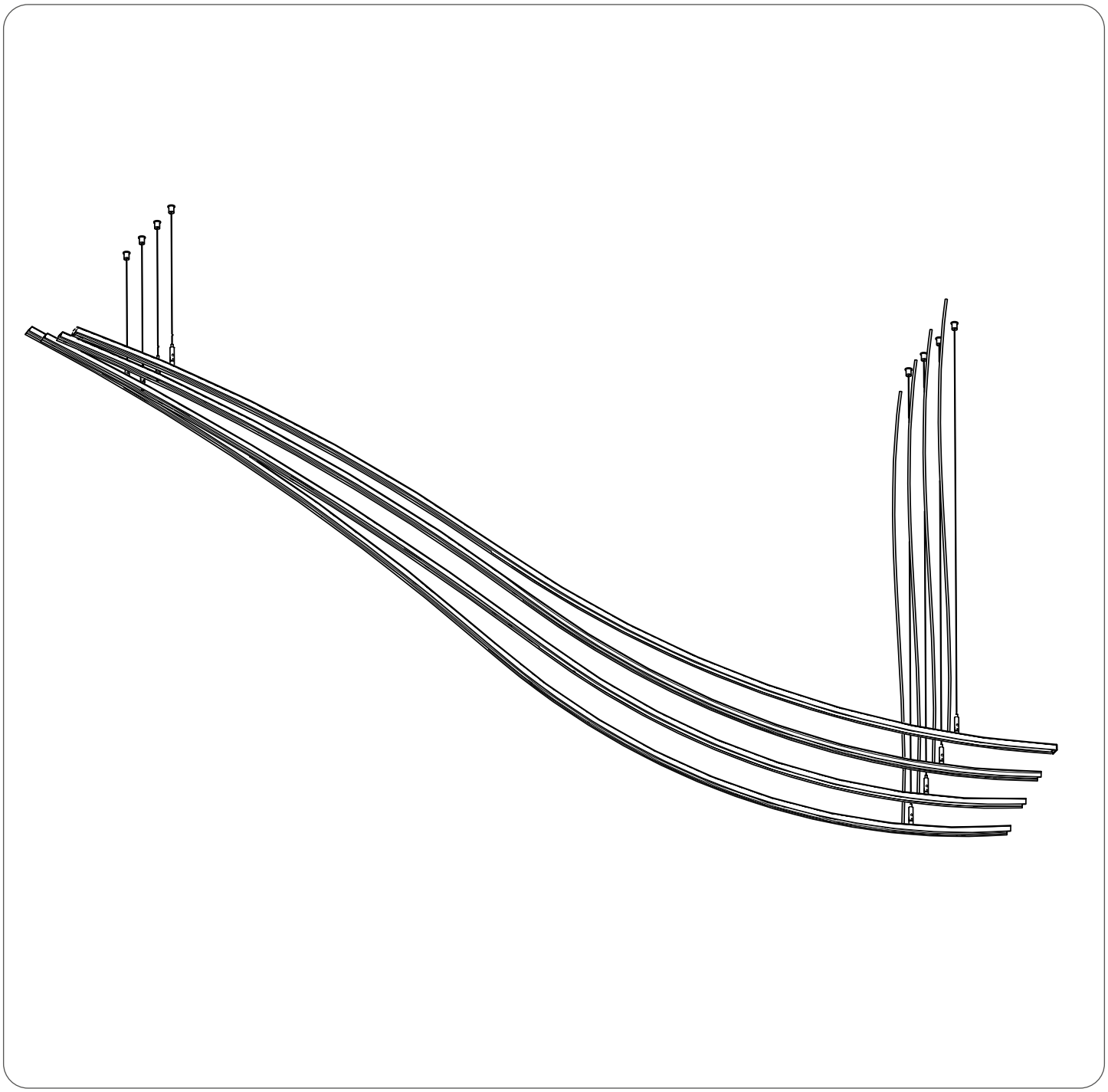
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Final leveling and functional check

- After completing installation, perform final adjustment of the fixture, check mounting stability
- and verify correct operation of light sources.

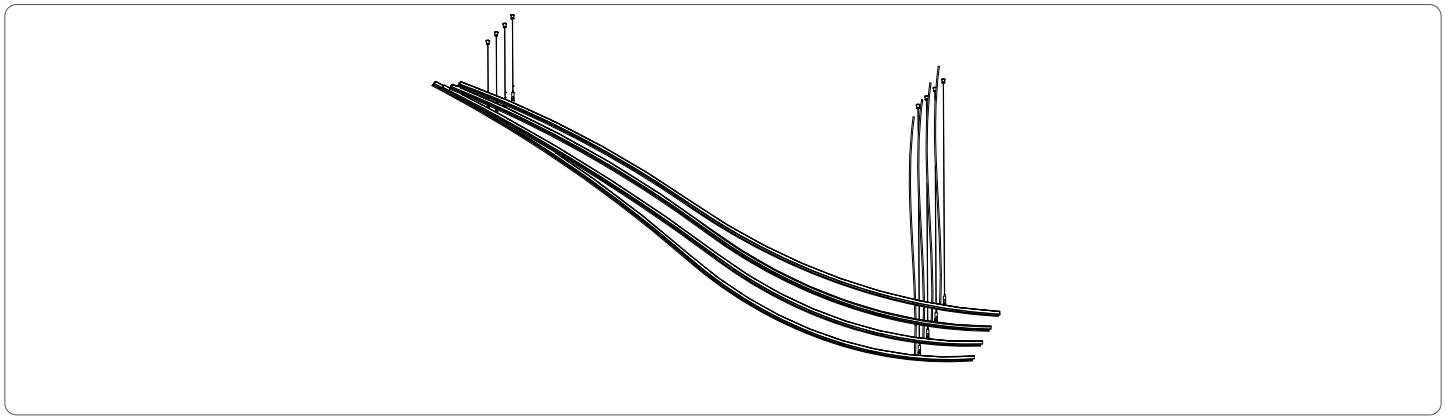
Step 1 - Level the fixture

- Level the fixture by adjusting length of cables on fasteners mounted on the lighting fixture.
- By adjusting suspension height of individual fixtures, arrange them to create a “wave effect”.
- Check stability of all fastening points and suspension.
- Turn on power supply and perform lighting test of the fixture.



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Maintenance, disposal, disassembly, 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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