PLANA-1

Installation and Operating Instructions

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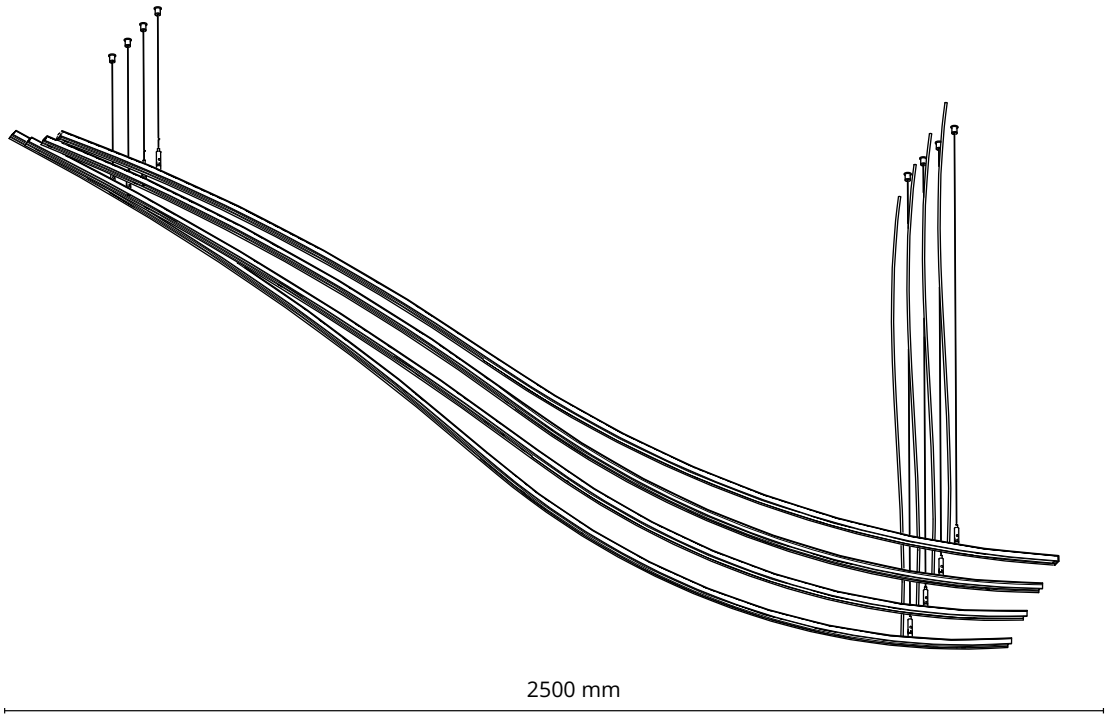
Ready-made fixture

Suspended mounting

CE • LVD • EMC • RoHS

24V DC

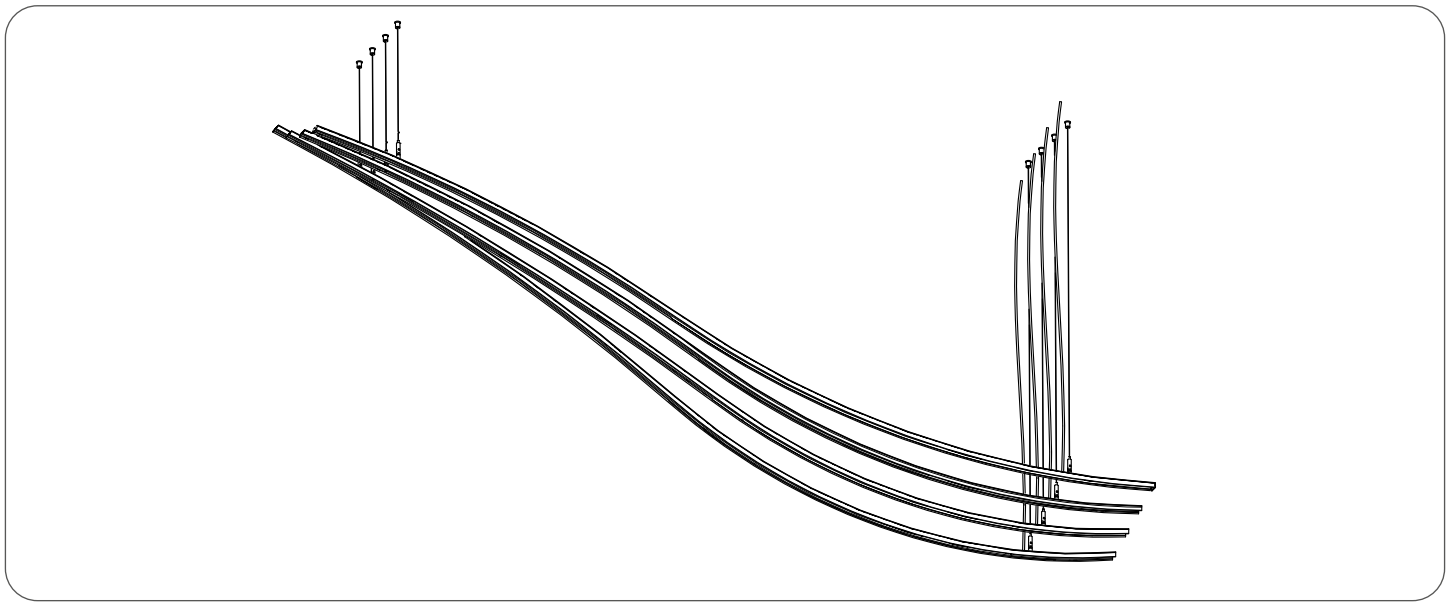
DIMENSIONS:



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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.

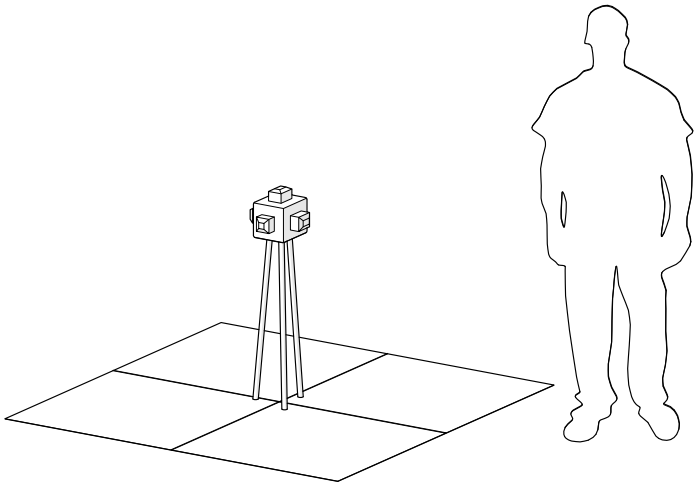
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Installation of ceiling suspensions and fixture suspension

- 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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Installation of ceiling suspensions and fixture suspension

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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.



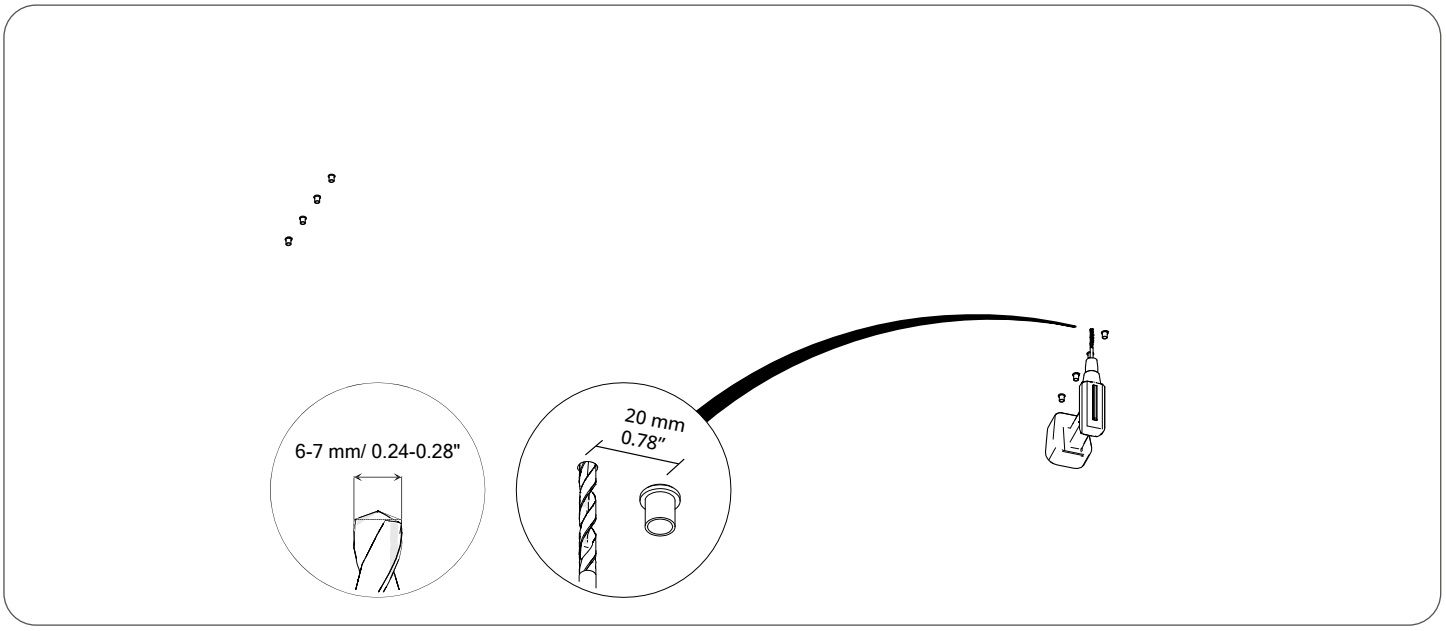
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Installation of ceiling suspensions and fixture suspension

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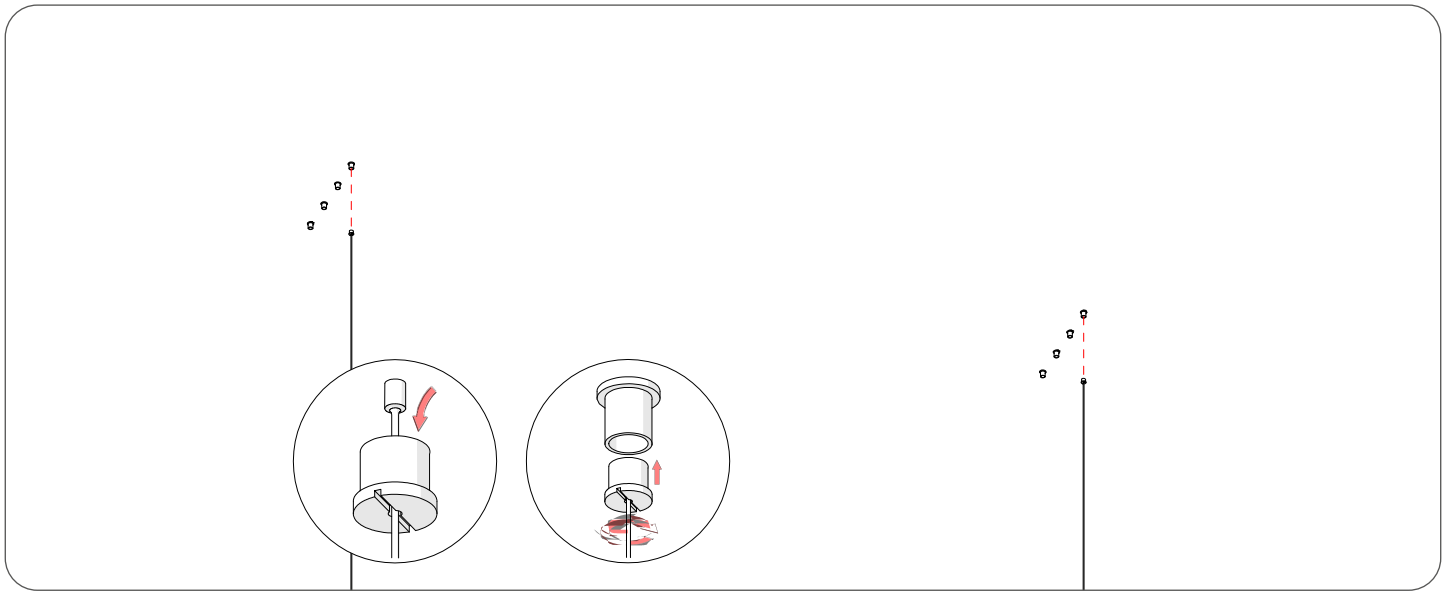
Step 5 - Making holes for power supply cables

- 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.



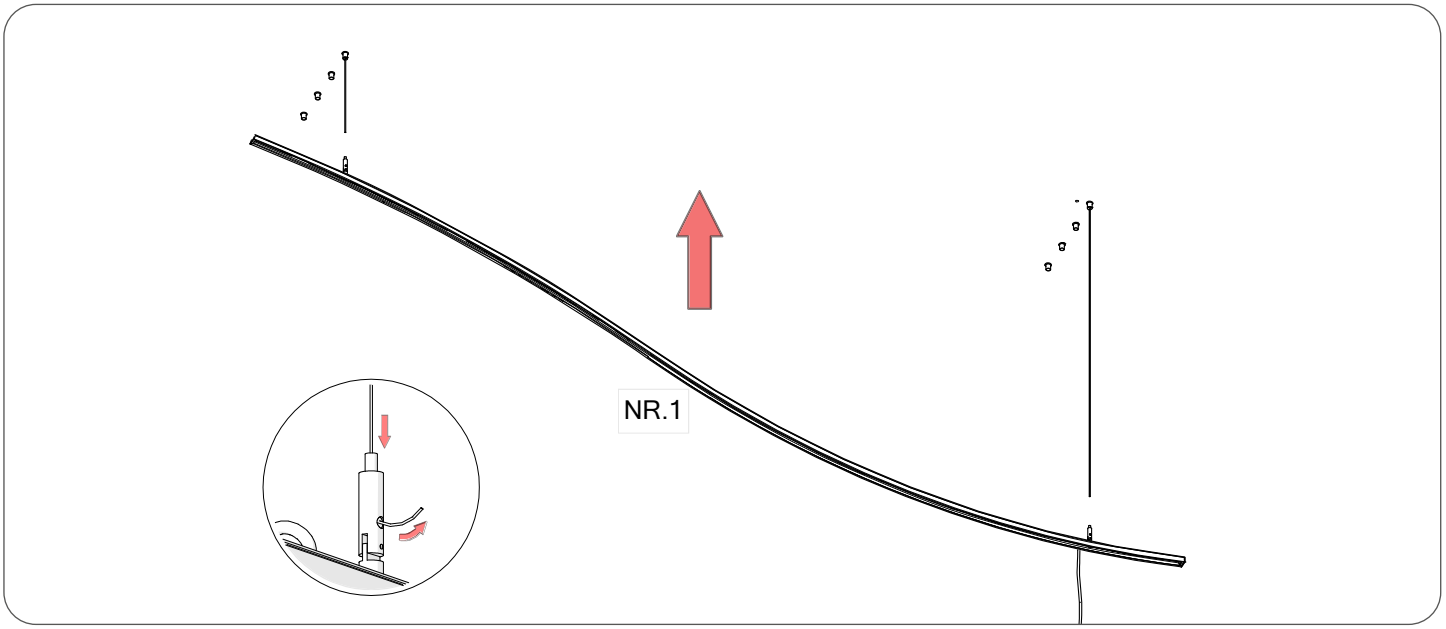
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Installation of ceiling suspensions and fixture suspension

- Installation of ceiling elements, power supply cable preparation.

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.



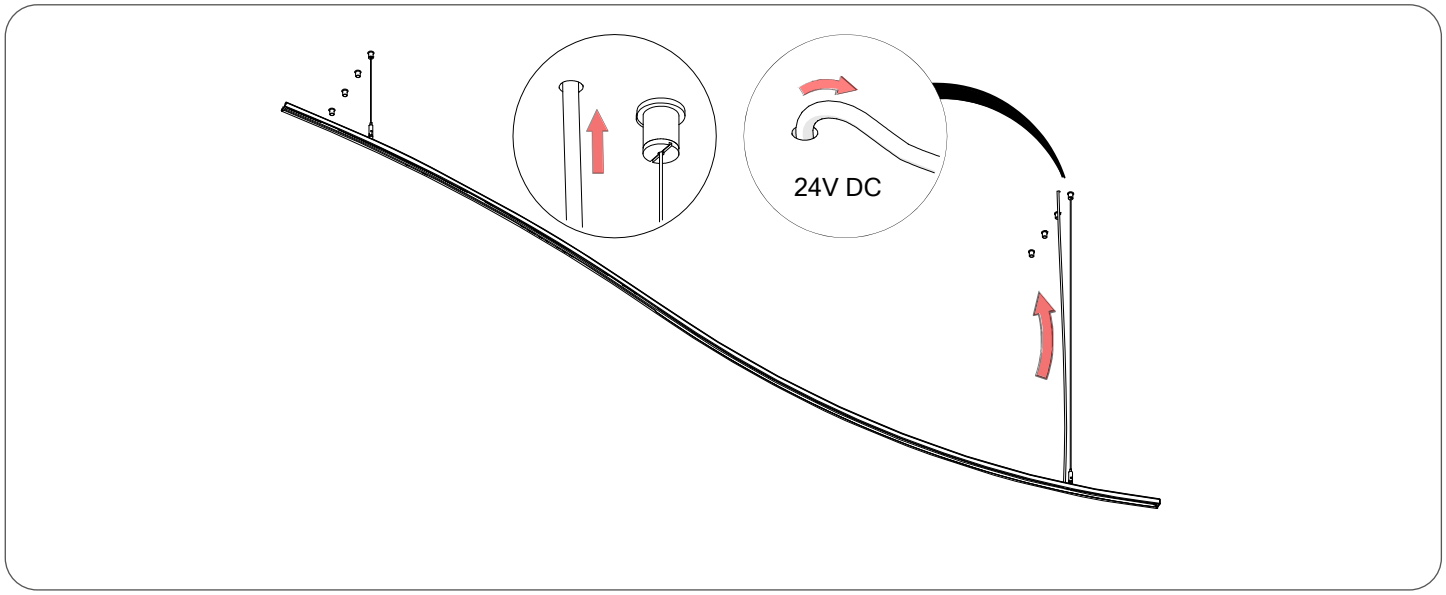
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Routing the fixture cables

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

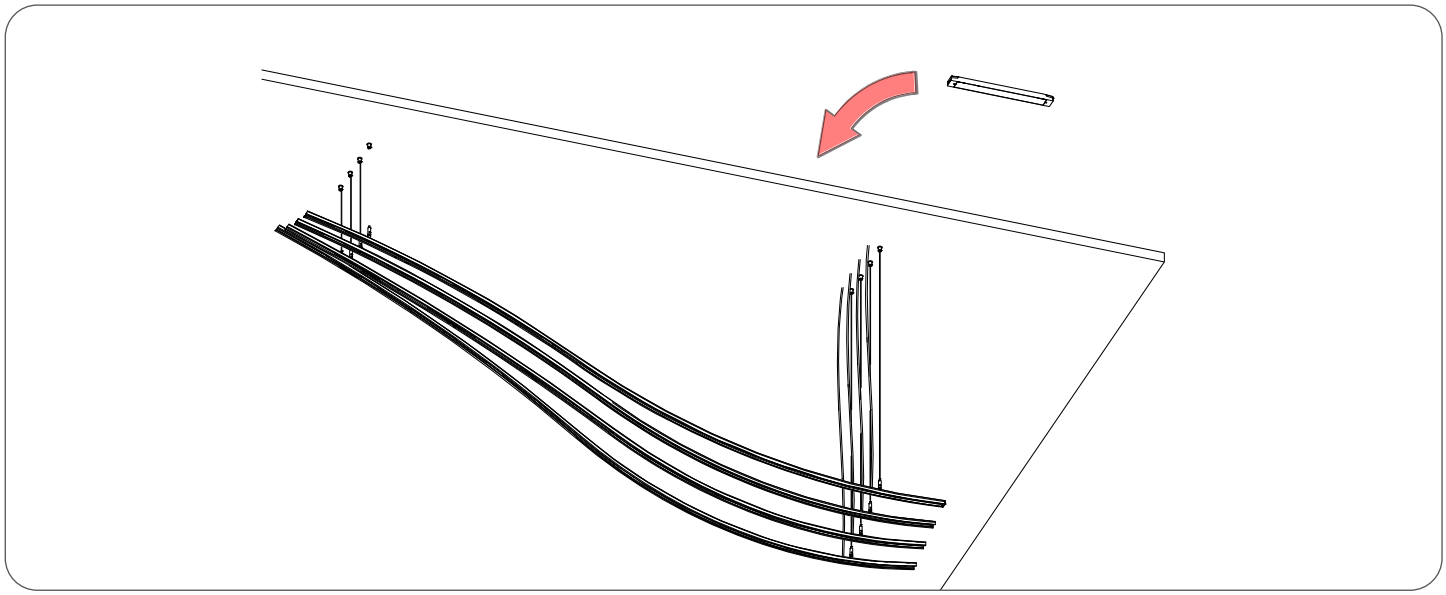
Step 1 - Route power supply cables

- 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

- Power supply 220-240V AC 50/60Hz.

RULES

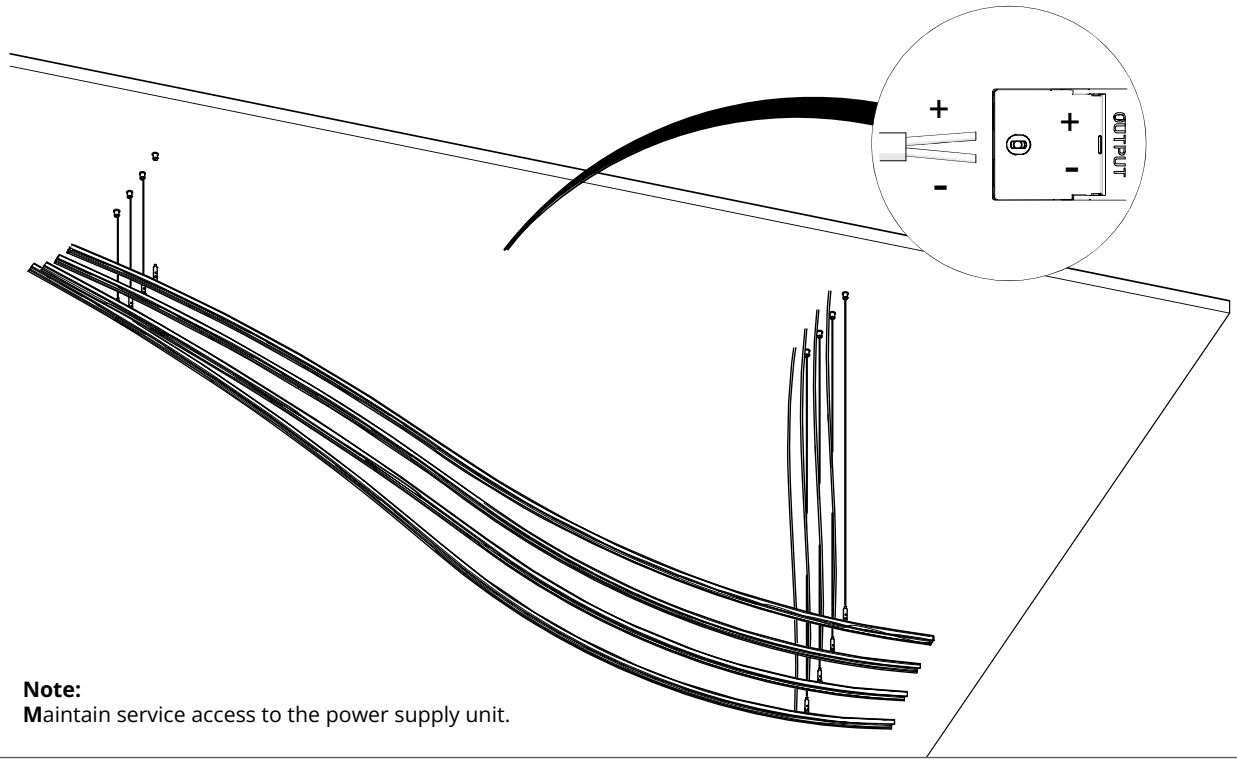
- POWER SUPPLY: 220-240V AC 50/60Hz
- Connect only with power supply disconnected.
- After connection, make sure the cable is secured and not strained.

CABLE MARKINGS

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

Step 1 - Make electrical connection

- Connect L, N, and PE to appropriate terminals.
- If the fixture has control, also connect control cables to appropriate connectors.
- Check correctness and security of connections and arrange cables inside the canopy.



Note:
Maintain service access to the power supply unit.

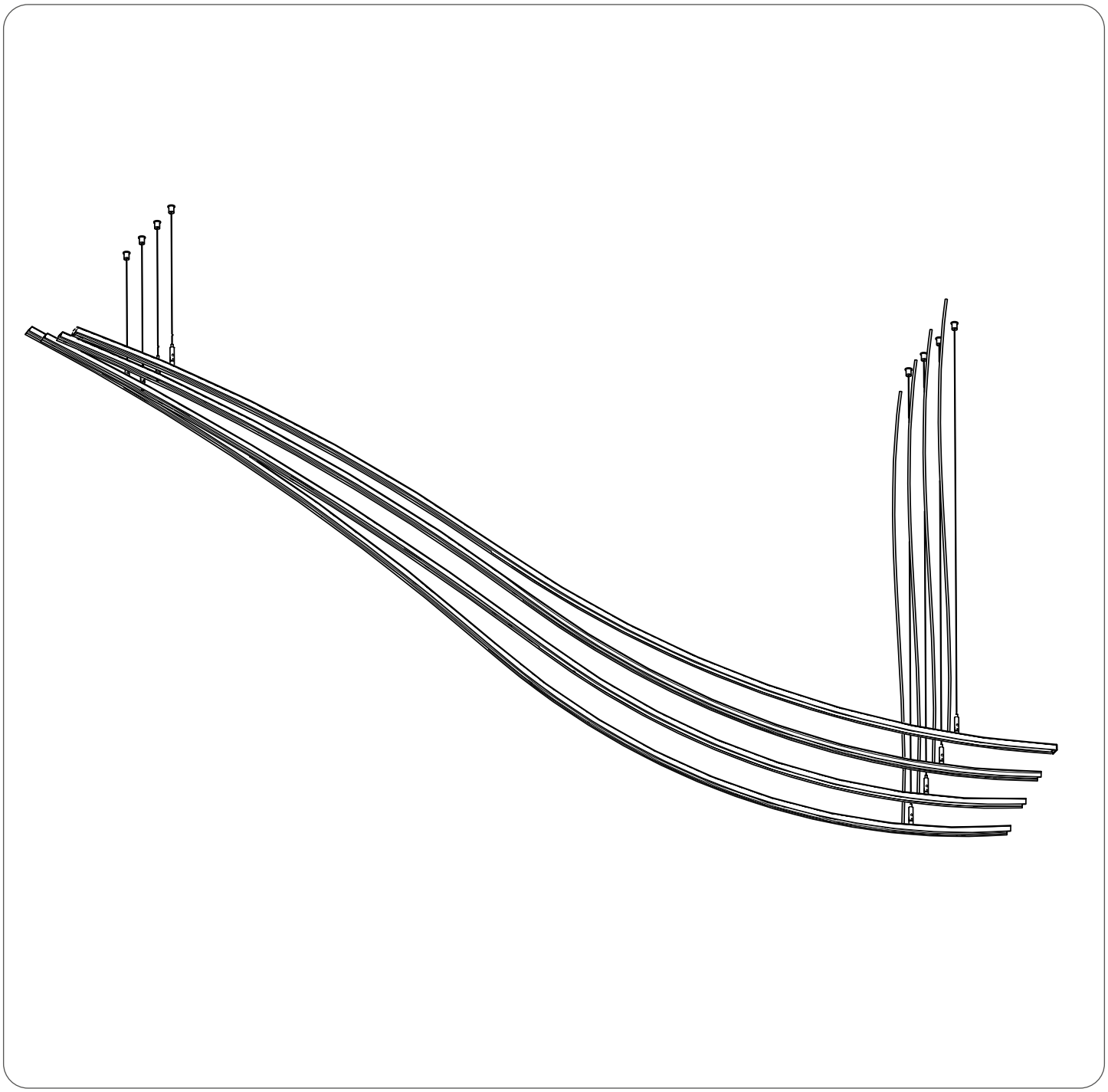
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Final leveling and functional check

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

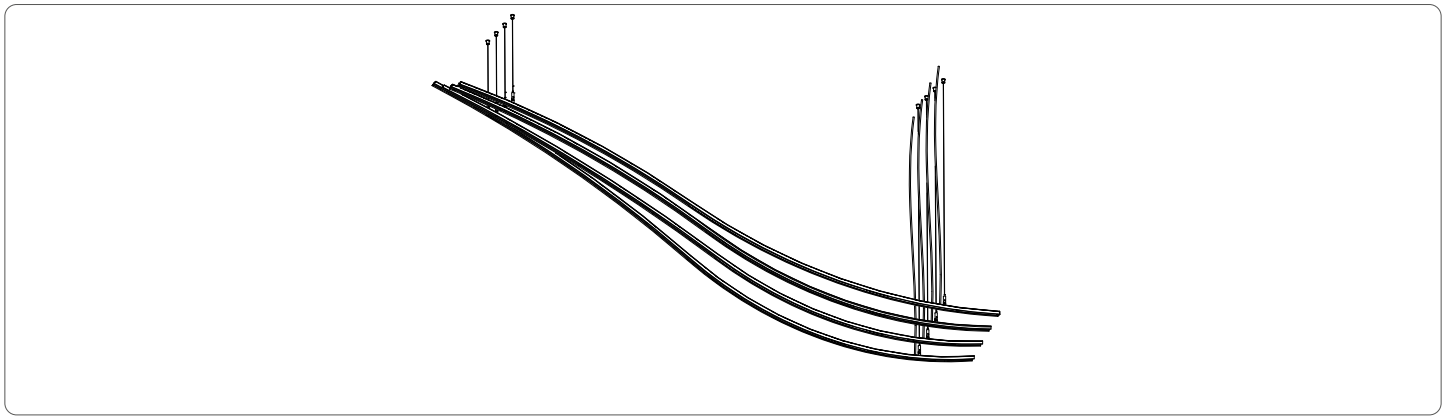
Step 1 - Level the fixture

- 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, 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.

- Turn off power supply and make sure there is no voltage in the circuit.
- Disconnect power supply cables and control cables, if present.
- Unlock adjustment mechanisms of suspension cables.
- Carefully remove fixture from mounting elements.
- Remove mounting elements from the ceiling if required.

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

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