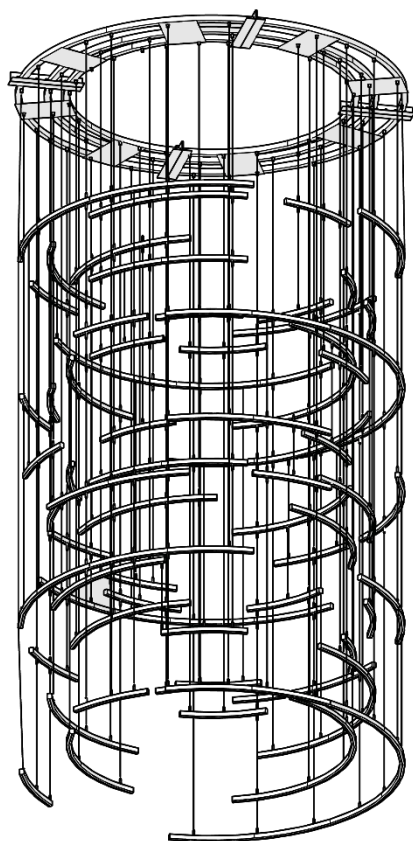
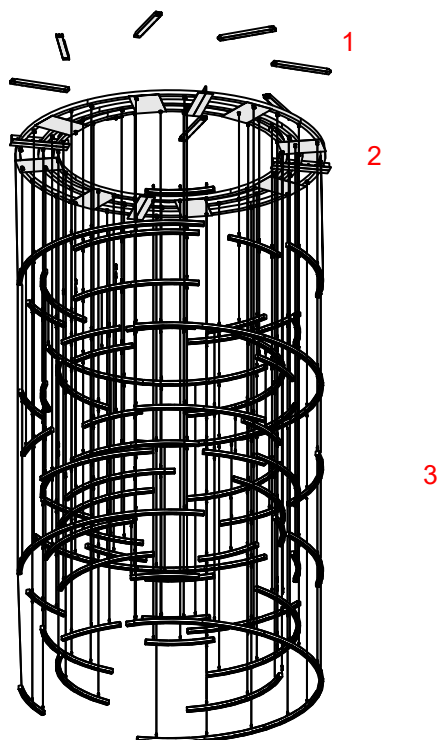
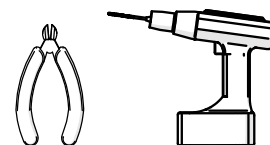
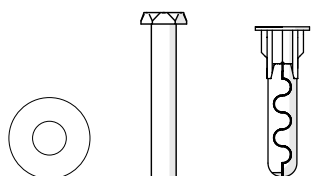


## Fixture HELIX





**NOT INCLUDED**



1. Power supplies 24V 250W
2. Suspension base
3. Fixtures GIZA-DUO-LL

| Type of fixture | Dimensions (L x H x W) |  |
|-----------------|------------------------|--|
| HELIX S         | 2000 x 3750 x 2000     |  |
| HELIX M         | 4000 x 3750 x 4000     |  |
| HELIX L         | 6000 x 3780 x 6000     |  |

## NOTE!



**Make sure the ceiling has sufficient support capacity!**

The method and type of anchoring the steel base to the existing ceiling is determined by the facility administrator at the installation site.

Make sure the power is turned off before you start any installation or maintenance work.

Installation is to be performed by qualified personnel with relevant permits and qualifications for connecting to and working on 230V AC and low-voltage networks.

Use a Laser Level to precisely mark the anchoring points. Define and mount the base using 16 mounting points (page 7).



**Make sure cables are not damaged. In order to ensure full suspension, the steel cables have to be clean and free from greases, oils and rust. During installation, the nozzle of the pendant mounted on the fixture must have a discernible tension in the wire. Steel wires can only be used with the supplied fasteners!**

Damaged cables and steel wires can only be replaced by the factory.

The wire ceiling bracket nut must be fully tightened to the suspension fastener.



**The product is not suitable for outdoor use!**

Any modification of the fixture will void any and all written or implied warranties.

The manufacturer accepts no responsibility for damage to persons or property arising through improper use or installation.

## **IP20** IP20 Covered

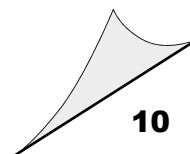
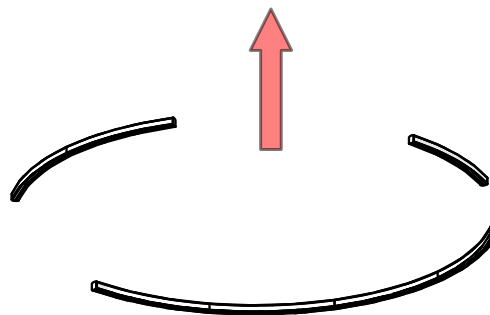
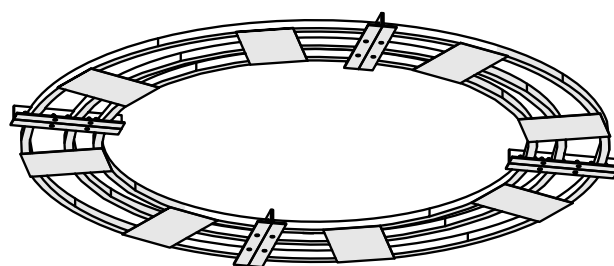
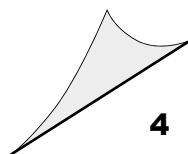
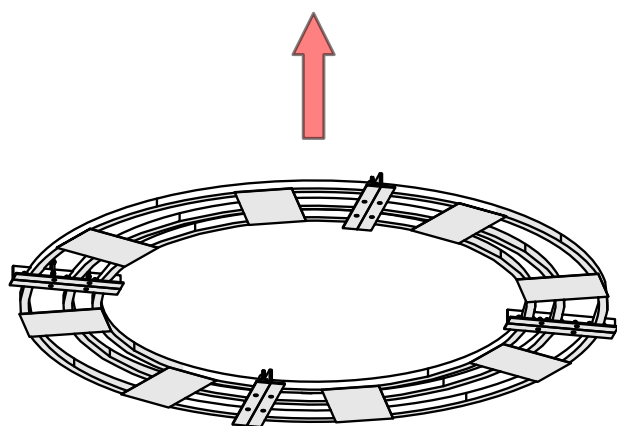


For indoor use only

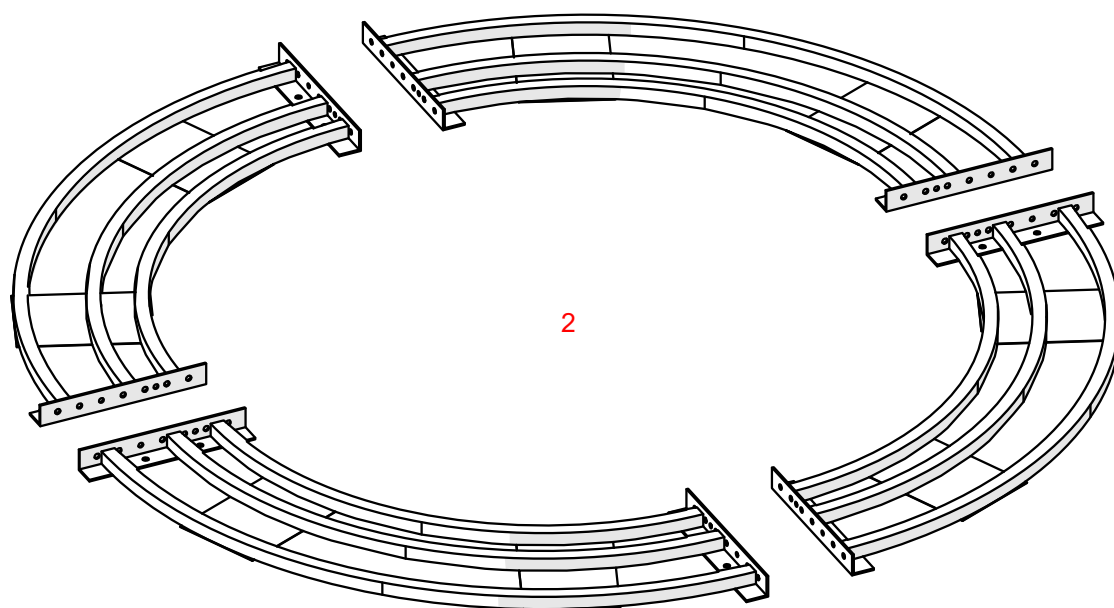


Protection class I

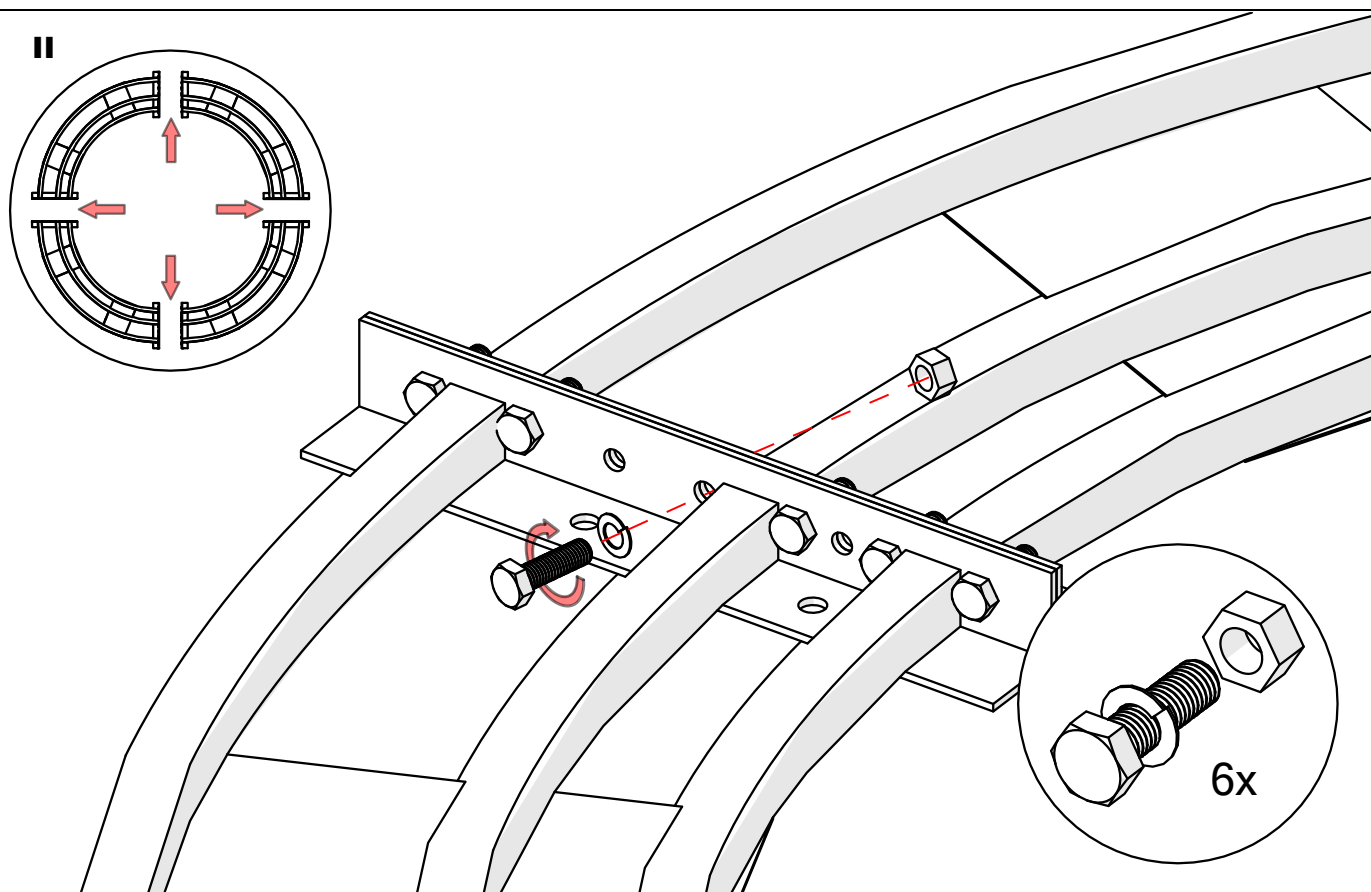
220-240V



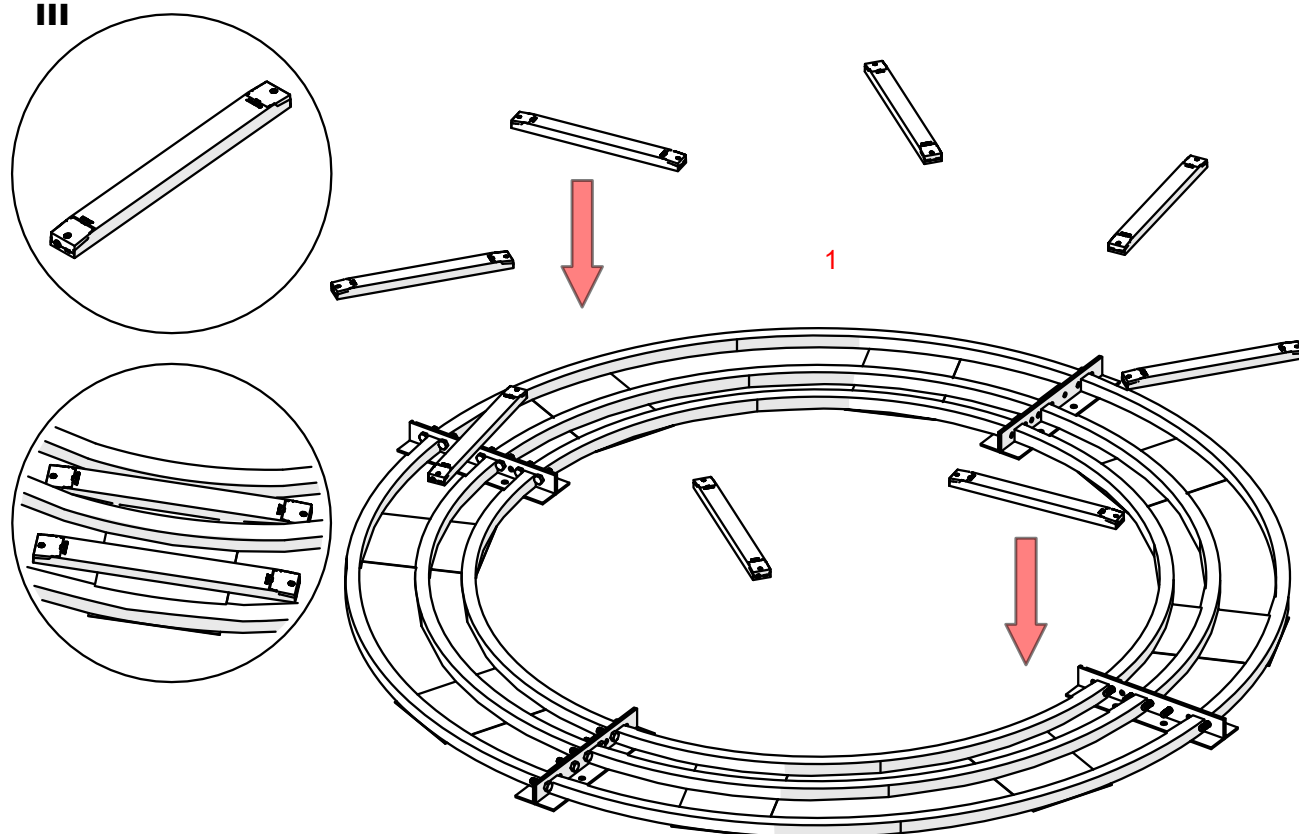
I



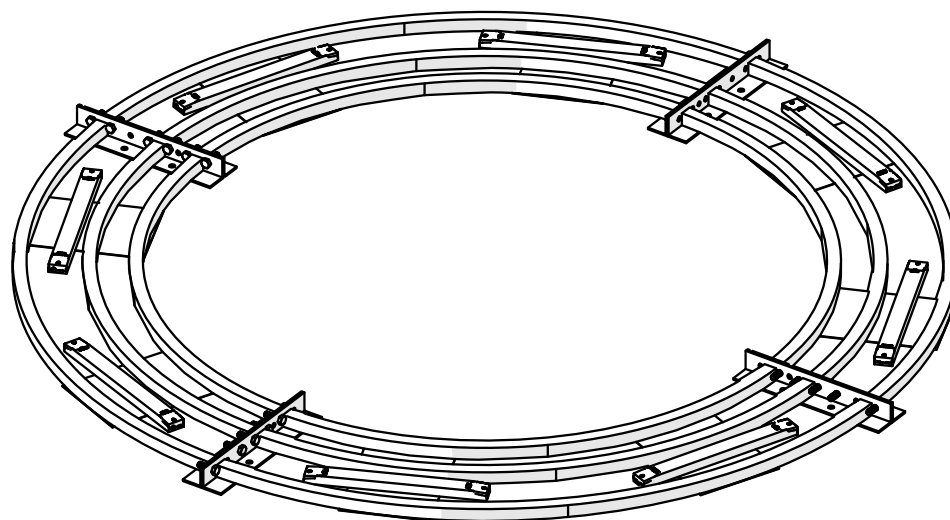
II



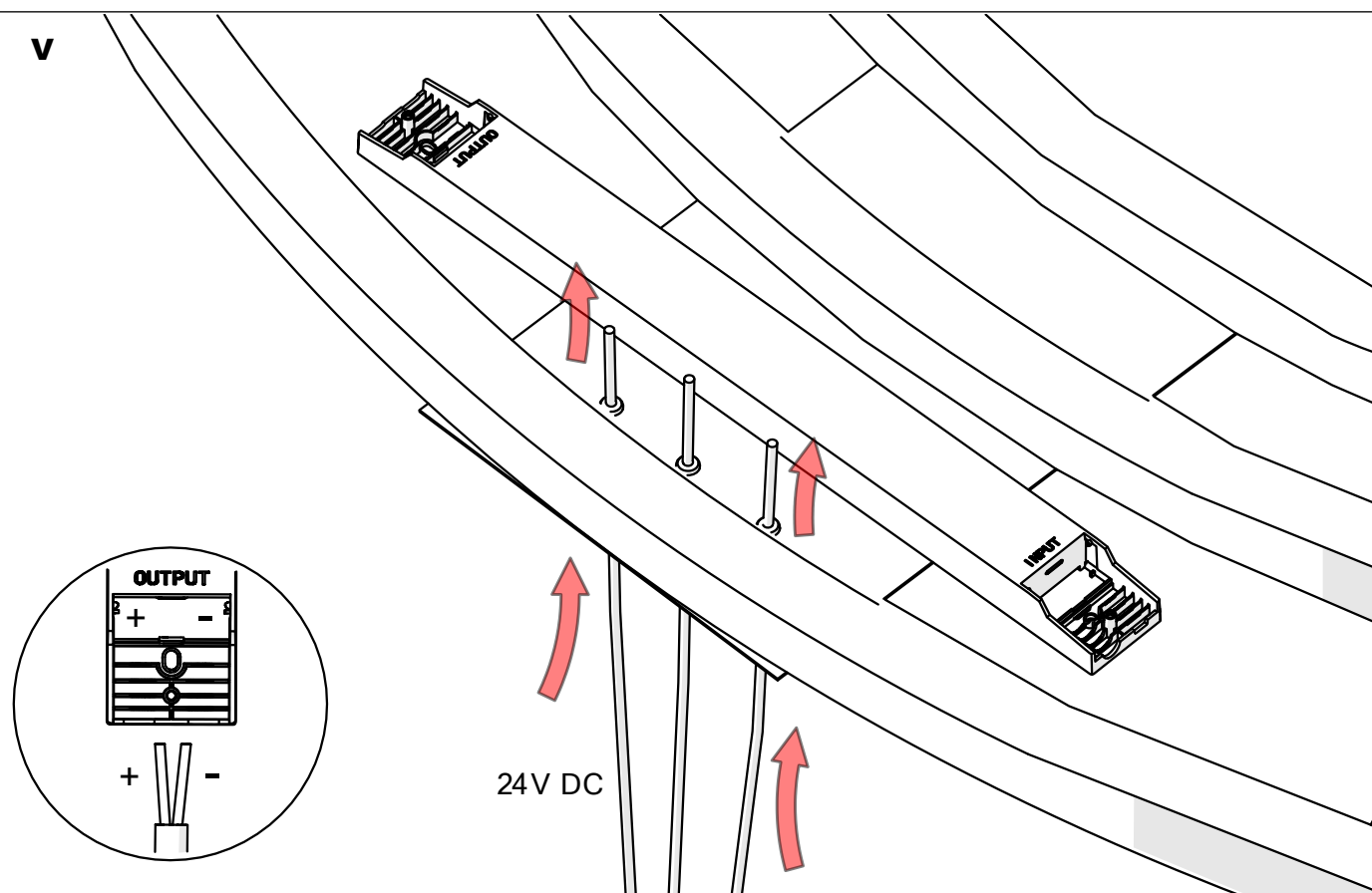
III



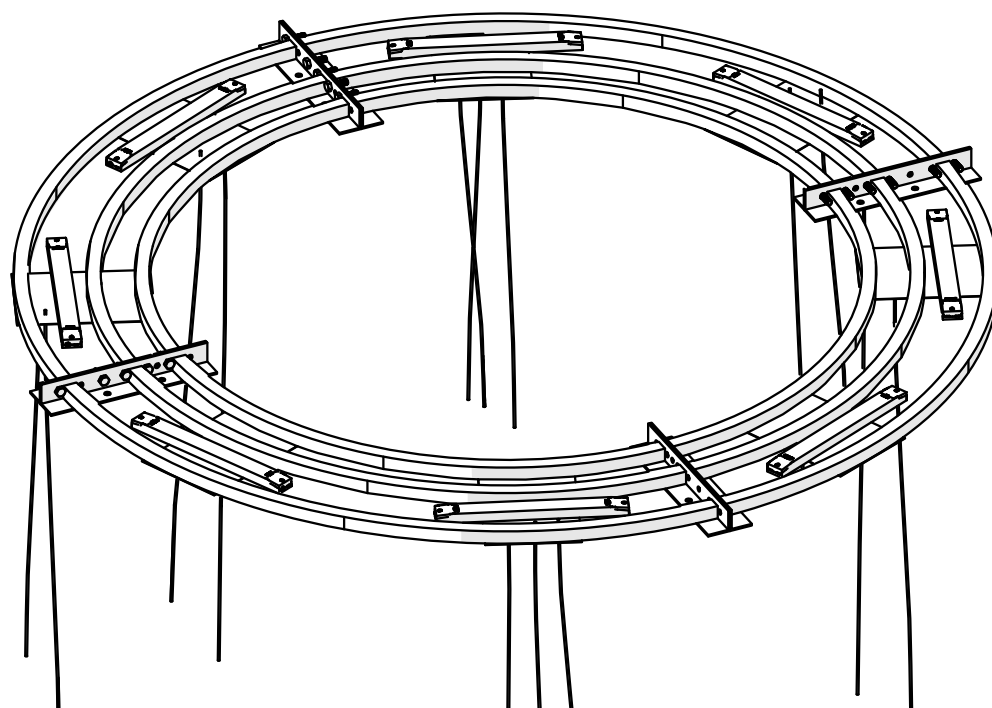
IV



**V**



**VI**

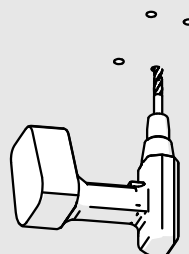


**VII**



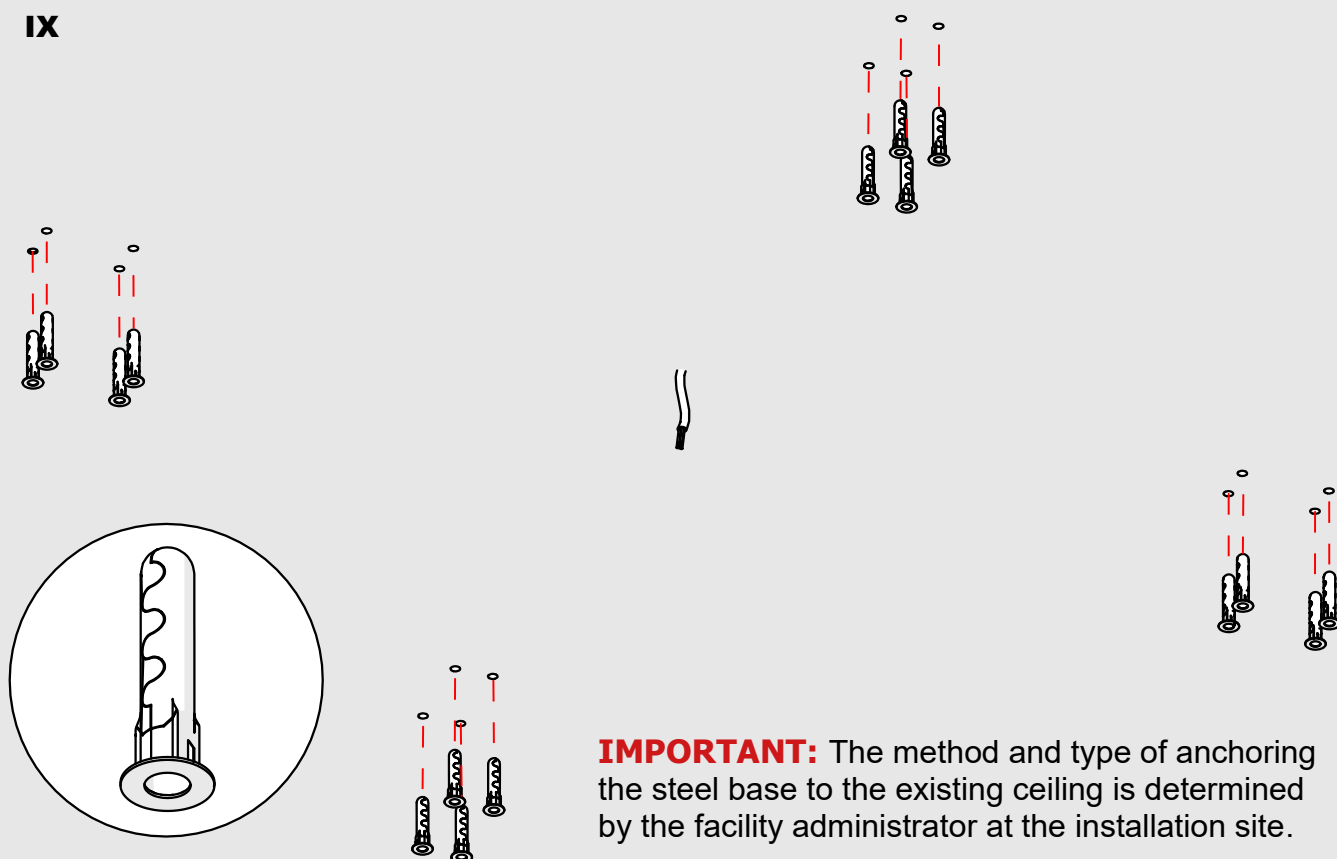
22 0-24 0V  
AC 50/60Hz

**VIII**



**IMPORTANT:** The method and type of anchoring the steel base to the existing ceiling is determined by the facility administrator at the installation site.

**IX**



**X**

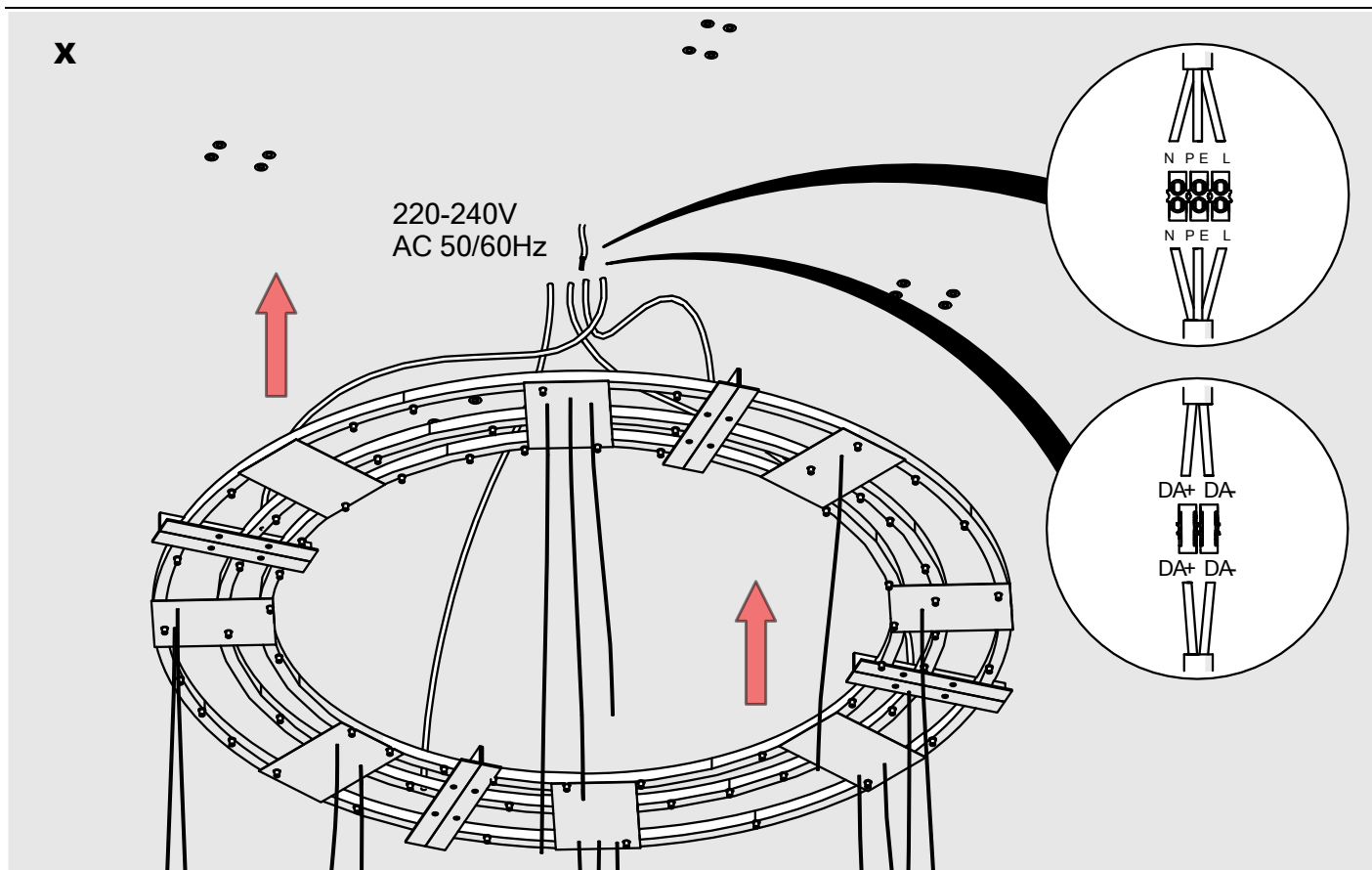
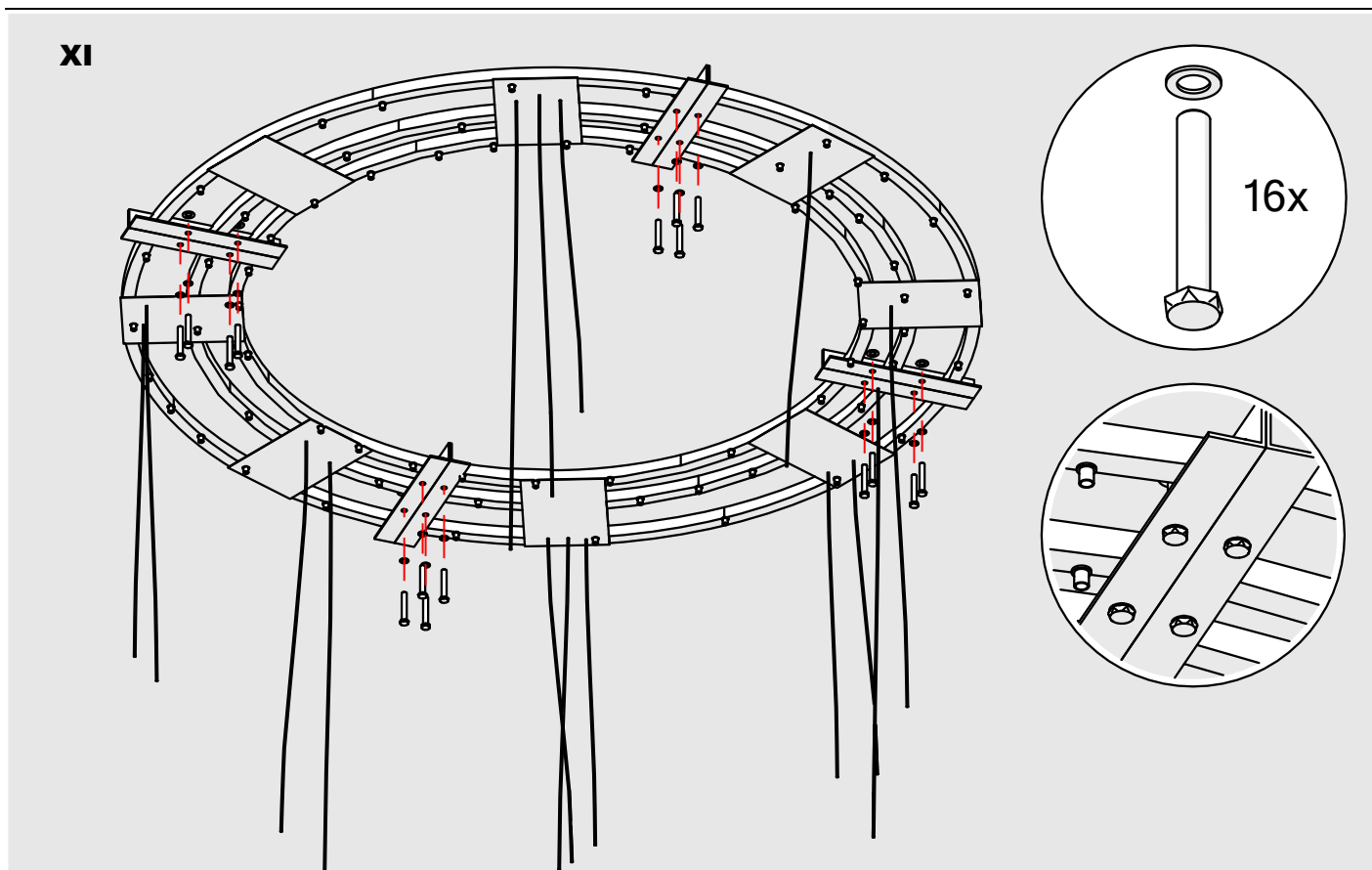


Table of security and wire cross-section depending on the current intensity in KGP LV250W power supplies:

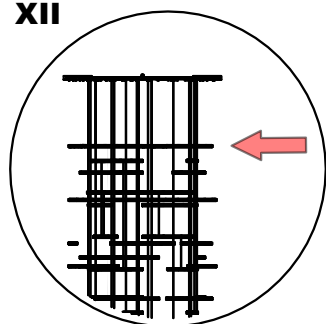
| TYPE   | LV250W24CG2 DALI Connected quantities of different current Breaker |                    |                    |                    |                  |                  | Input Voltage | Inrush Current<br><80A | Time  |
|--------|--------------------------------------------------------------------|--------------------|--------------------|--------------------|------------------|------------------|---------------|------------------------|-------|
|        | current (A)                                                        | 10                 | 13                 | 16                 | 20               | 25               |               |                        |       |
|        | Installation wire<br>diameter                                      | 1.5mm <sup>2</sup> | 2.5mm <sup>2</sup> | 2.5mm <sup>2</sup> | 4mm <sup>2</sup> | 4mm <sup>2</sup> |               |                        |       |
| TYPE B |                                                                    | 8                  | 10                 | 13                 | 16               | 20               | @230VAC       | 76                     | 310µs |
| TYPE C |                                                                    | 13                 | 16                 | 20                 | 25               | 32               |               |                        |       |
| TYPE D |                                                                    | 20                 | 26                 | 32                 | 40               | 51               |               |                        |       |

All wires from the HELIX fixture power supplies must be connected to the power cable.

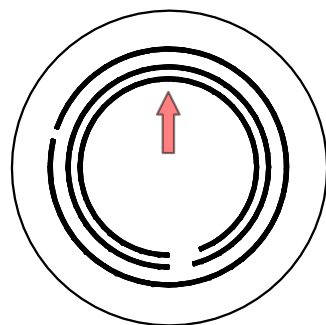
The manufacturer does not provide terminal blocks or electrical boxes!



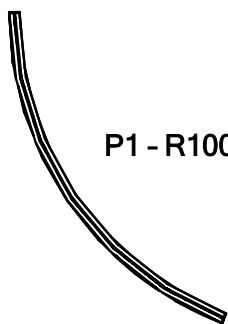
**XII**



P1 - R1000 (3)



P1 - R1000 (1)



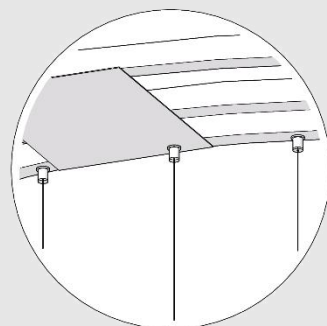
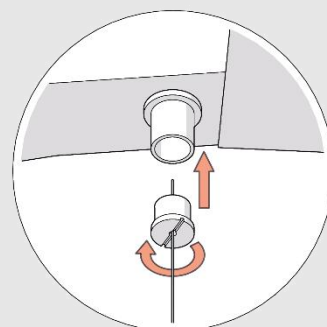
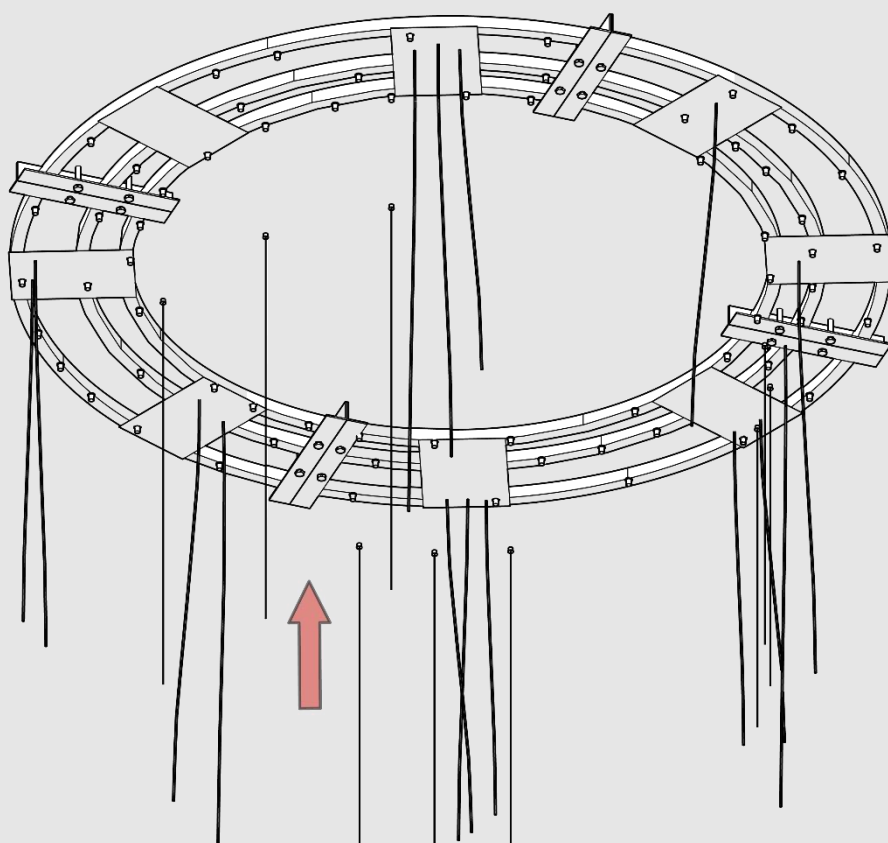
P1 - R1000 (2)



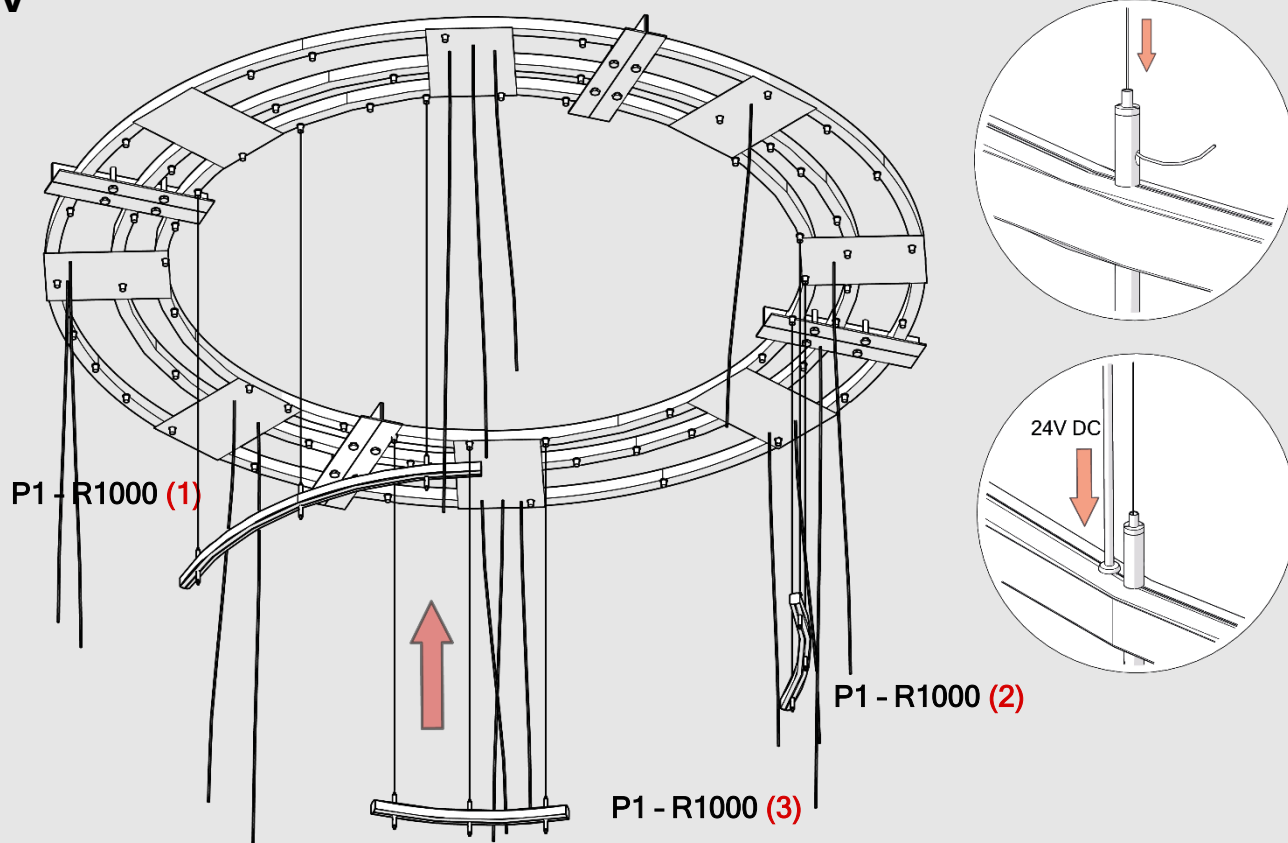
P1 - R1000 - first level, circle with a radius 1000 mm

(1) - fixture number at a given level

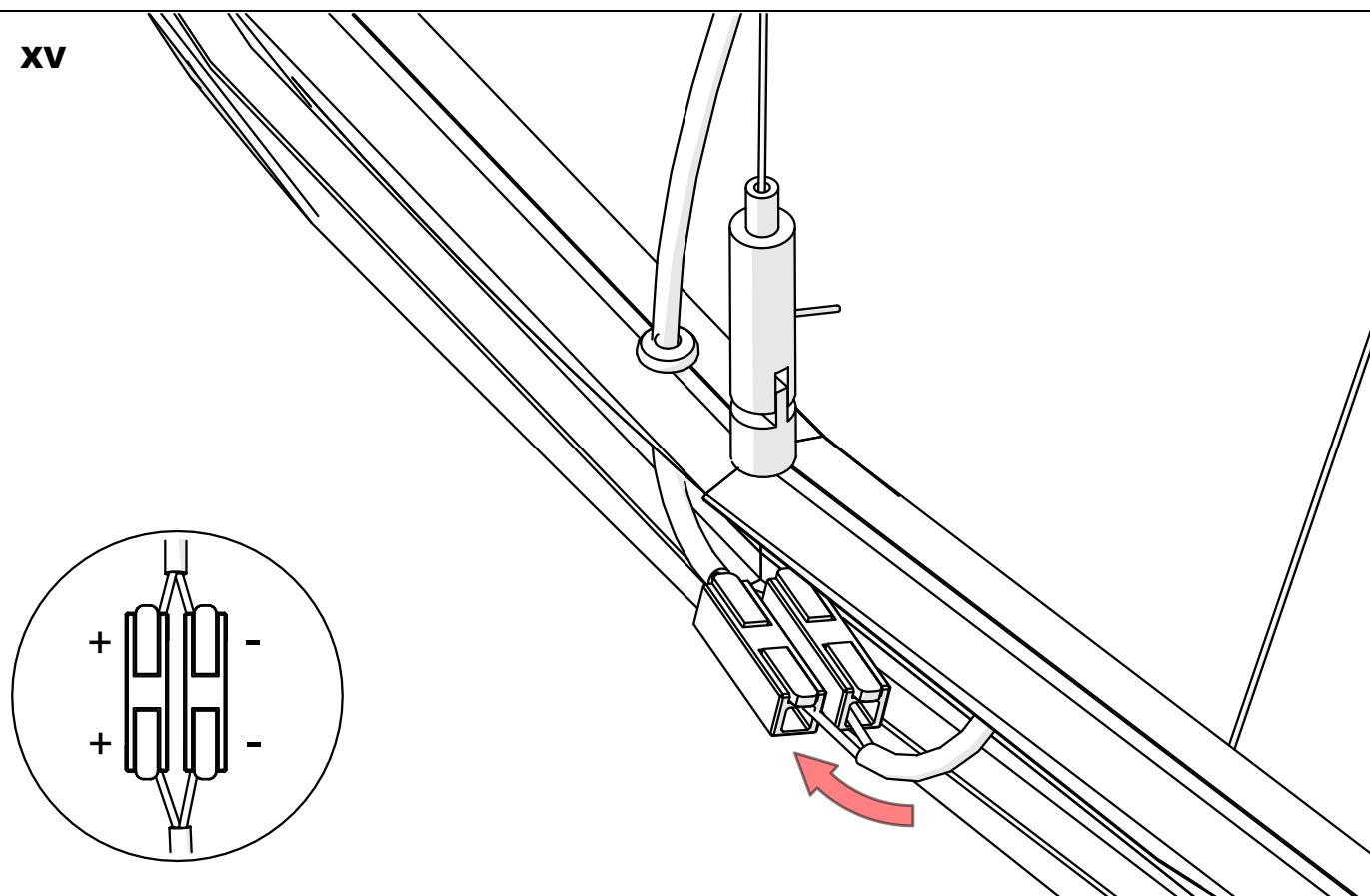
**XIII**



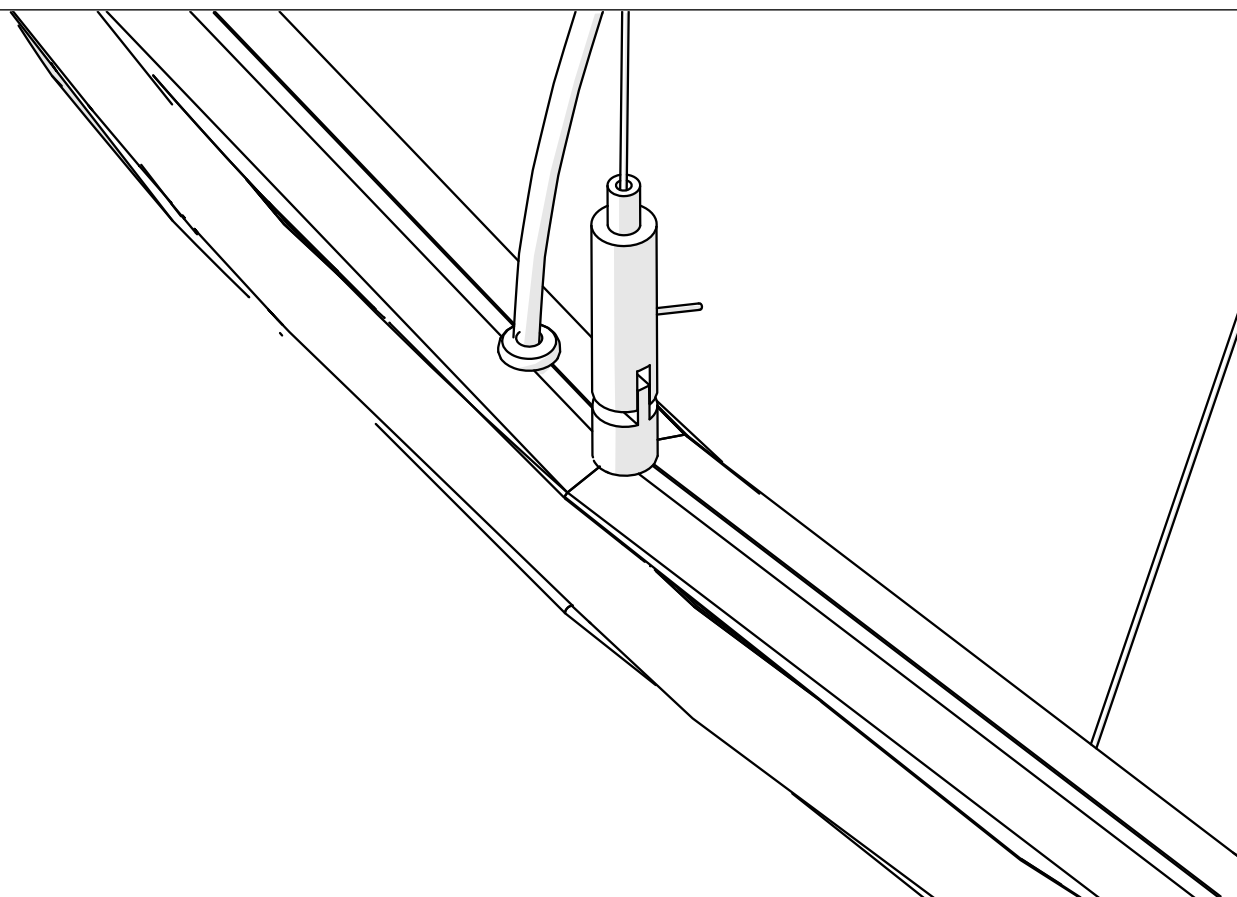
**XIV**



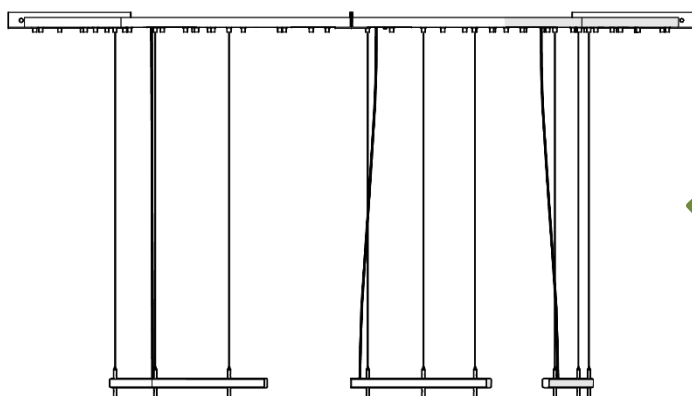
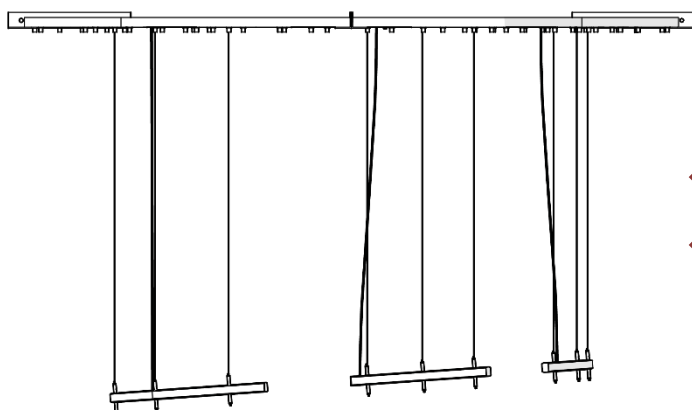
**XV**



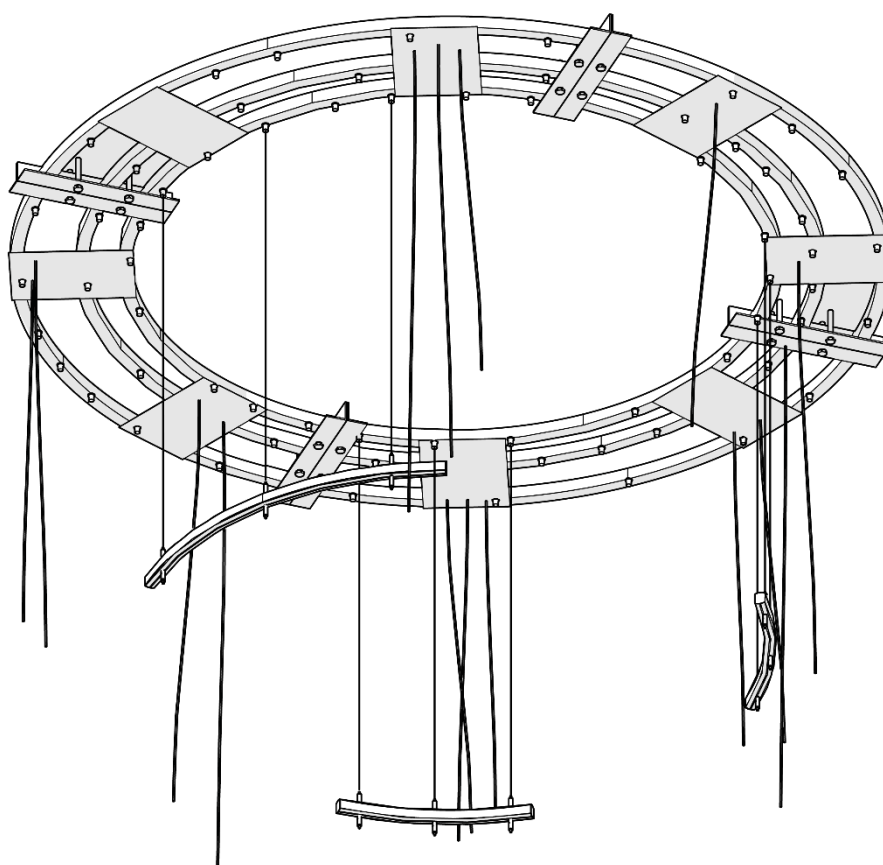
**XVI**



**XVII**



**XVIII**



**25x**

**XIX**

