# ROLL-O

## Installation and User Manual

### Table of Contents


| | |
|---|---|
| About the product | 2 |
| Assembling the luminaire | 3 |
| Preparing the installation site | 5 |
| Electrical connection | 7 |
| Fixing the luminaire to the surface | 8 |
| Finishing the installation | 9 |
| Maintenance, disposal, disassembly, EU compliance | 10 |

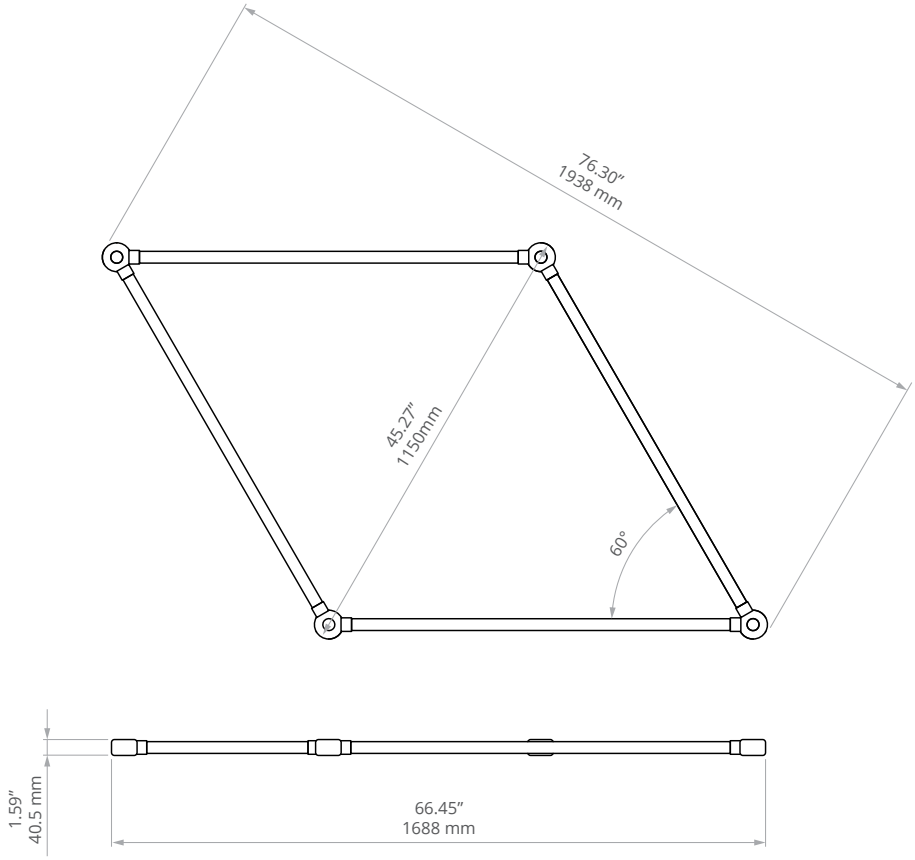

**Fully assembled luminaire**

**Installation: suspended**

**CE • LVD • EMC • RoHS**

**24V**

### DIMENSIONS:





Document ID: INSW009_01
Document creation date: March 16, 2026
Document version: 1.0
Author: Arnold Warchoł

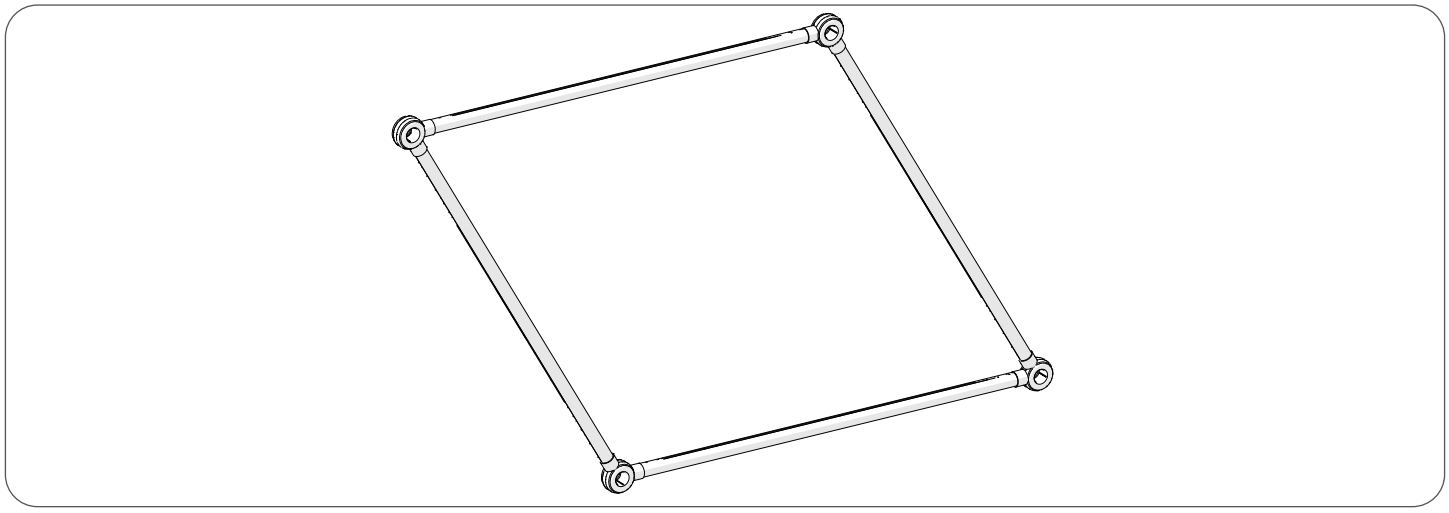


KLUŚ DIRECT technical hotline tel.
+48 22 112 40 50
We invite you to discuss our lighting solutions directly with a KLUŚ technical specialist.

**KLUŚ** Sp. z o.o. Headquarters ul.
Słoneczna 126 05-506 Kolonia Lesznowola (near Warsaw)

# ROLL-O

is a ready-made lighting luminaire designed for surface mounting. The manual describes the standard mechanical installation and electrical connection of the luminaire.



**THE SET INCLUDES:**

- ROLL-O Luminaire
- Suspension elements / mounting hardware (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 luminaire version)

**REQUIRED TOOLS**

- drill
- spirit level
- screwdriver

**SAFETY**

- Disconnect the power supply before installation, cleaning, and servicing.
- Montage and connection should be performed by qualified personnel. Do not modify the luminaire. Use only compatible components.
- Do not use the product if it is damaged.

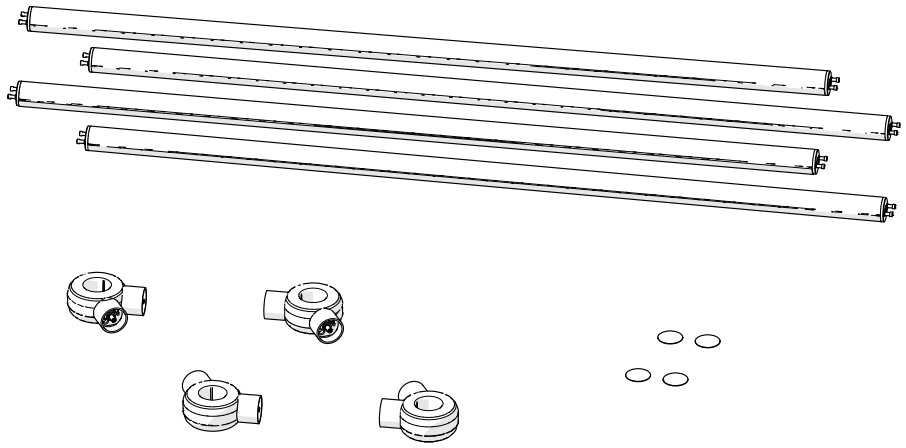
## Assembling the luminaire

- Connection of profiles and corner elements into the final shape of the luminaire before installation to the ceiling.

---

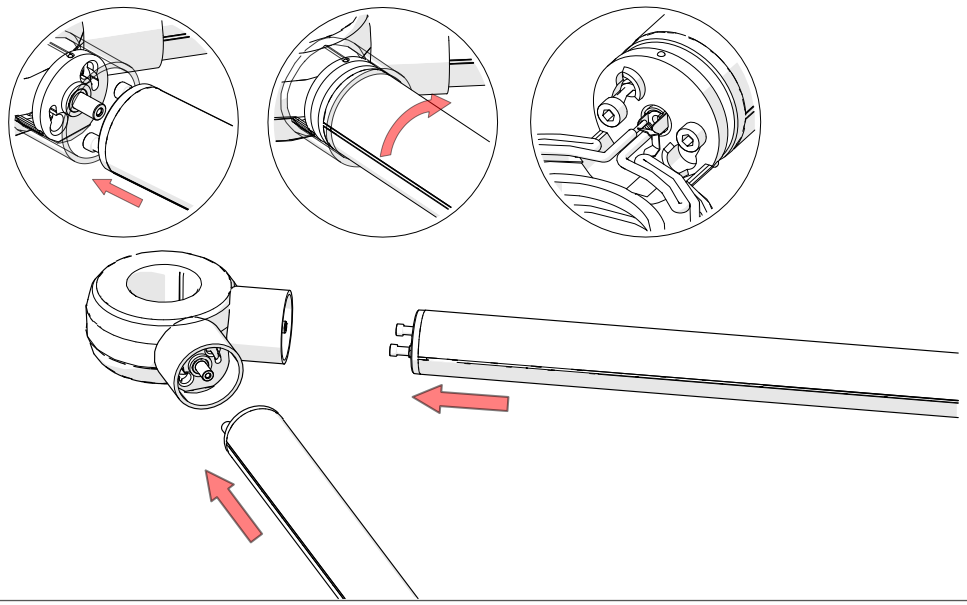
**Step 1 - Prepare the luminaire components**

- Lay out all luminaire profiles and corner elements on a clean, stable surface. Check the completeness of the elements before starting the assembly.
- Arrange the profiles according to the final layout of the luminaire.



**Step 2 - Connect profiles with corner elements**

- Insert the ends of the profiles into the corner elements according to the direction shown in the drawing.
- Press the profiles until they are fully seated in the corners.
- Check if the connections are even and stable.

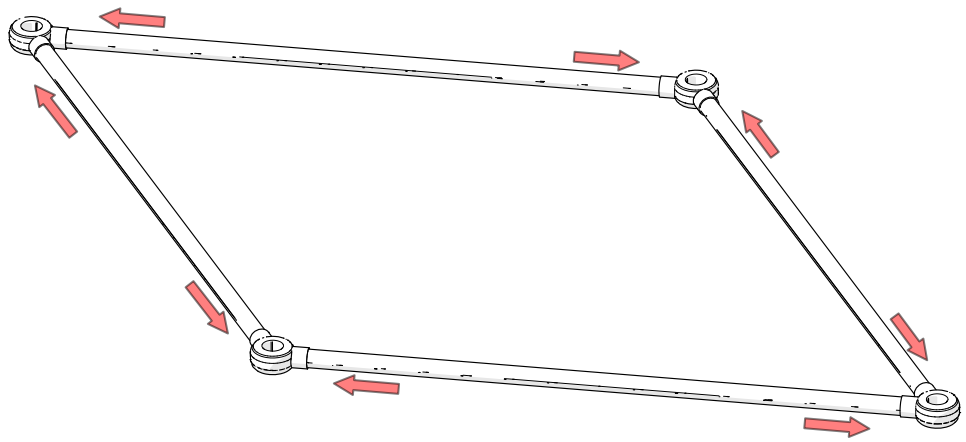


## Assembling the luminaire

- Connection of profiles and corner elements into the final shape of the luminaire before installation to the ceiling.

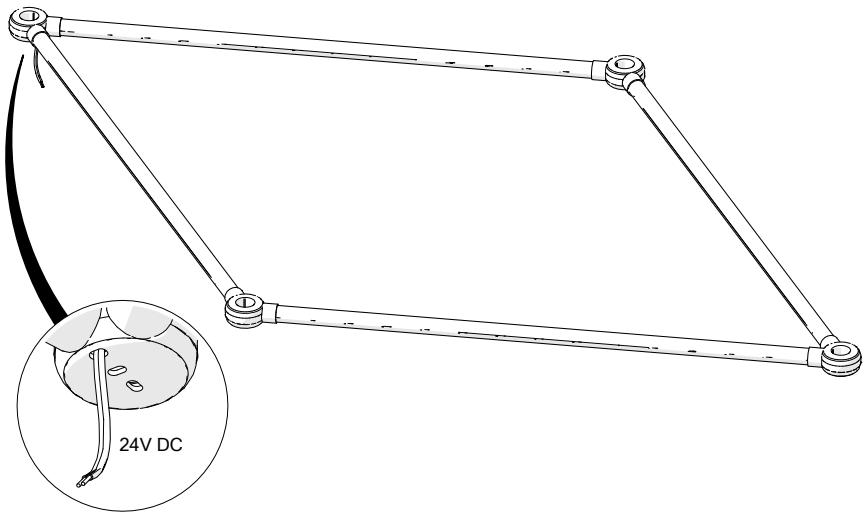
### Step 3 - Form the structure of the luminaire

- Connect all sections of the luminaire into a closed system. Push the profiles into the corner elements according to the directions shown in the drawing.
- Make sure the construction maintains the correct shape.



### Step 4 - Prepare the luminaire cable

- Lead the luminaire cable out of the corner element indicated in the drawing.
- Check that the cable is not pinched or strained. Prepare the cable for later electrical connection.



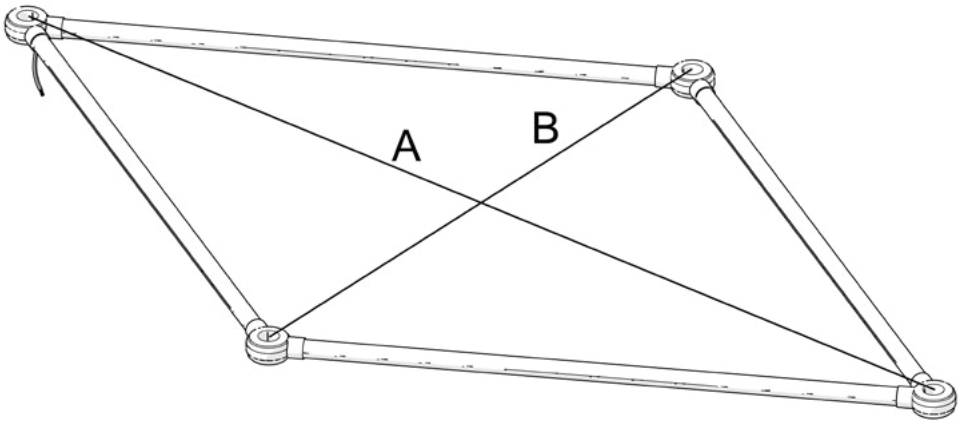
## Preparing the installation site

- Determining mounting points on the surface based on the dimensions of the assembled luminaire.

---

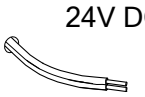
**Step 1 - Determine the spacing of mounting points**

- Measure the spacing of the luminaire's mounting points.
- Transfer dimensions A and B to the mounting surface.
- Check the diagonals and the geometry of the system before drilling.




**Step 2 - Prepare the power cable**

- Lead out the 24V DC power cable.
- Make sure the cable is in the correct position relative to the luminaire.
- Prepare the cable for later connection with the luminaire cable.



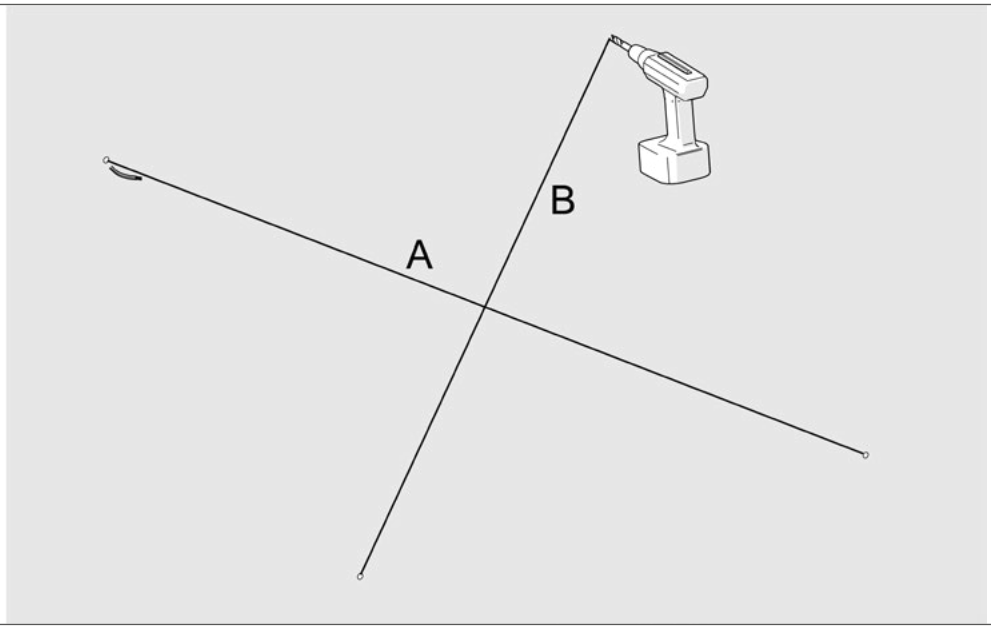
## Preparing the installation site

- Determining mounting points based on the dimensions of the assembled luminaire.

---

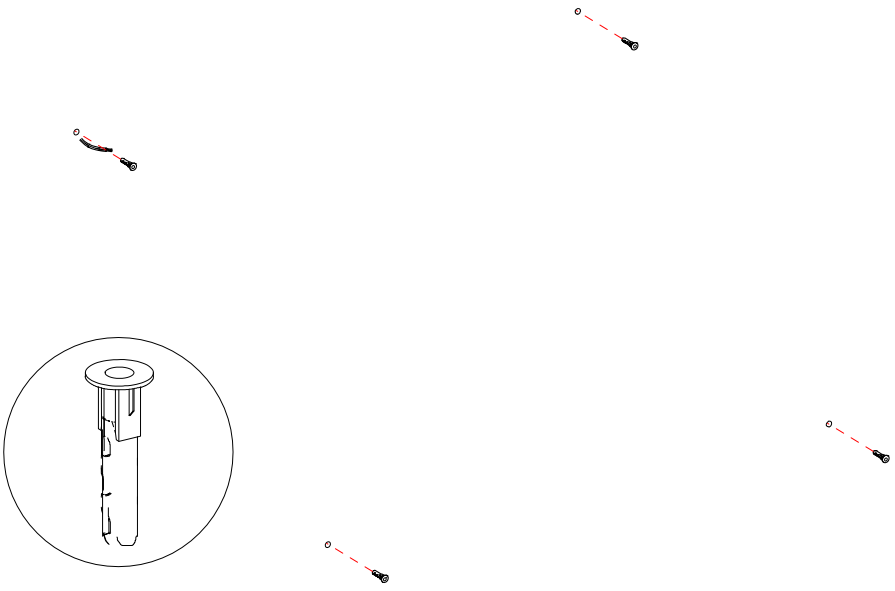
### Step 3 - Mark drilling points

- Mark the mounting points on the ceiling according to dimensions A and B.
- Check the position of the points relative to the power supply cable.
- Verify the layout before drilling holes.




### Step 4 - Drill mounting holes

- Drill holes at the marked points.
- Use wall plugs appropriate for the type of substrate.
- Prepare all fixing points for the installation of the luminaire.



## Electrical connection

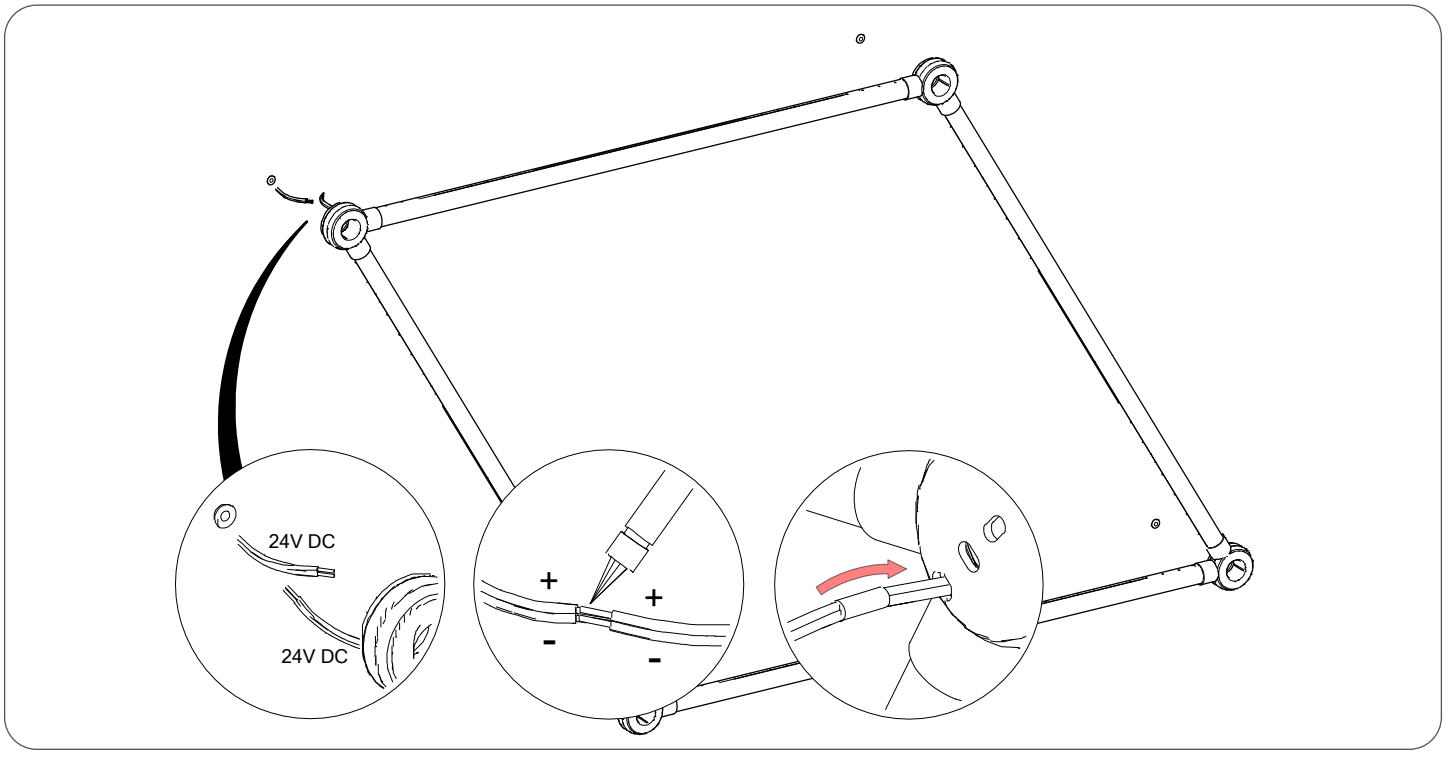
- 24V DC Power supply.

**RULES**

- POWER SUPPLY: 24V DC Connect only with the power disconnected. After connecting, make sure the cable is secured and not strained.

**Step 1 - Connect the cables**

- Connect the 24V DC power cable with the luminaire cable.
- Maintain the correct polarity markings: plus to plus, minus to minus.
- Check the correctness and security of the connection.
- Arrange the cables so that they are not pinched during the installation of the luminaire.



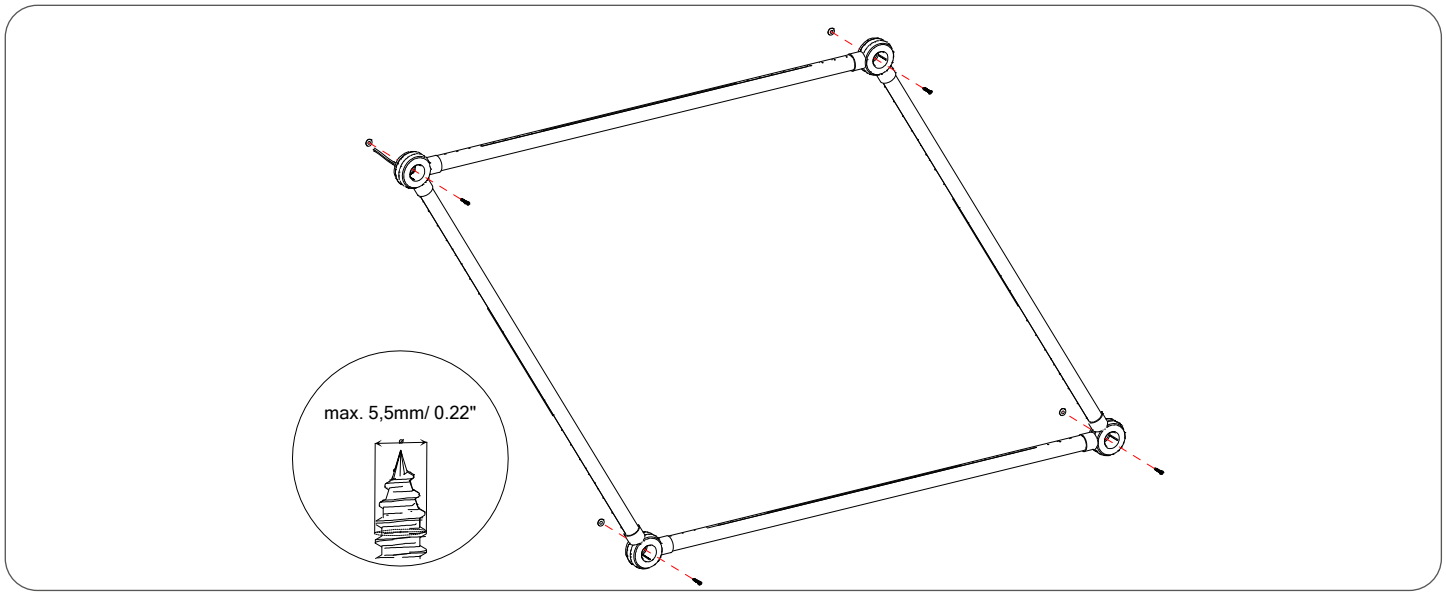
# Fixing the luminaire to the surface.

- Installation of the assembled and connected luminaire to the prepared mounting surface.

---

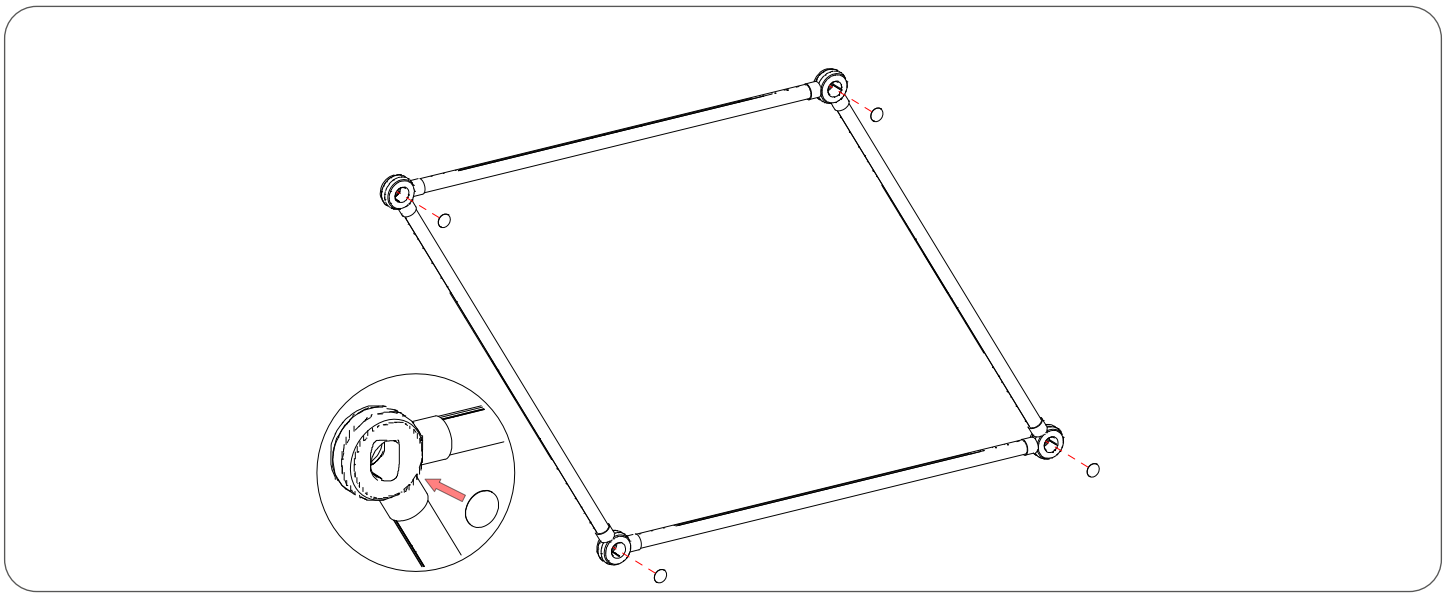
### Step 1 - Fix the luminaire to the mounting surface

- Align the luminaire with the prepared mounting points.
- Insert the mounting screws into the holes of the corner elements.
- Tighten the screws until the luminaire is stably seated.
- Do not exceed the maximum screw head diameter: 5.5 mm.
- Check the stability of the luminaire attachment to the mounting surface.




### Step 2 - Install safety elements

- Insert the safety elements into the holes of the corner elements.
- Press them until they are fully seated.
- Check that each corner has been properly secured.



---

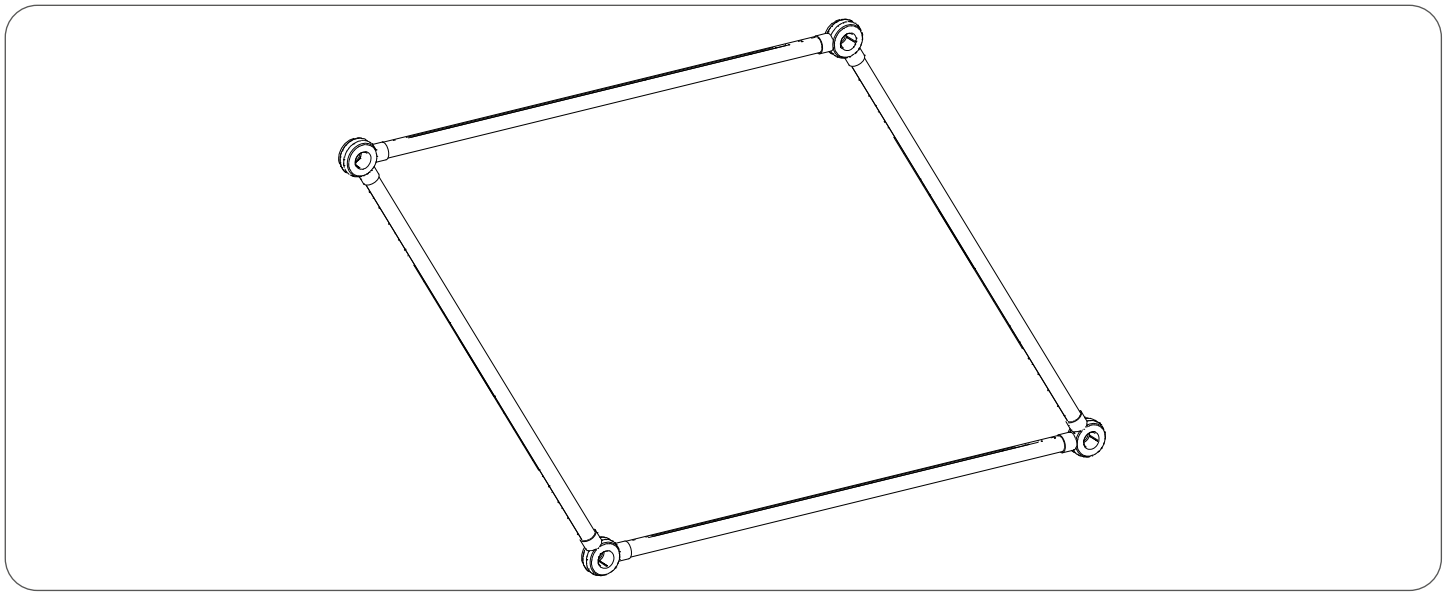
## Finishing the installation

- Final inspection of the installation and operational check of the luminaire.

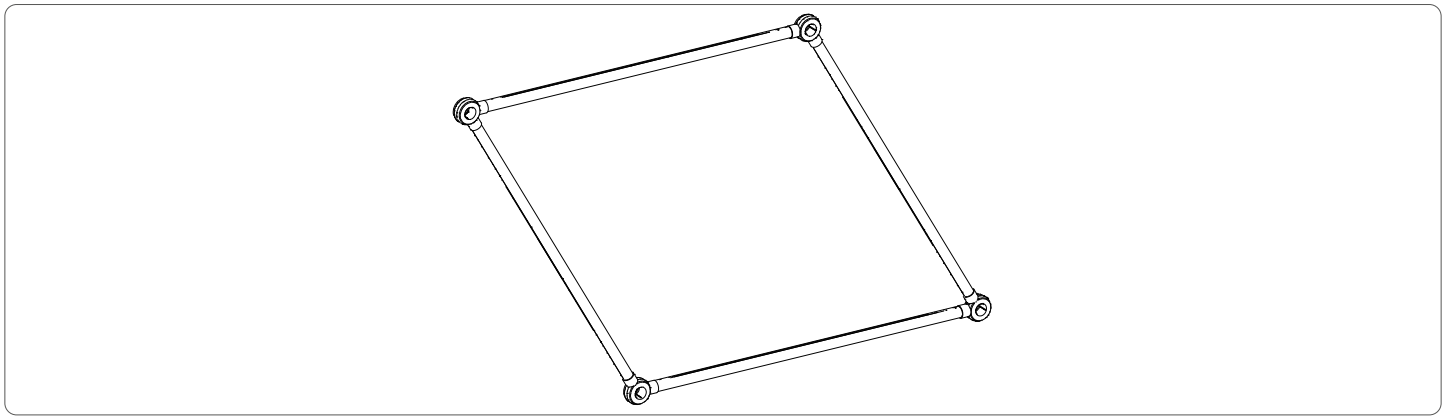
---

**Step 1 - Perform final inspection**

- Check the stability of all fixing points.
- Make sure the corner elements are secured.
- Check that the cables are not visible, strained, or pinched.
- Turn on the power and perform an operational test of the luminaire.



## Maintenance, disposal, disassembly, EU 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.
- Return to a collection point for electrical and electronic equipment.

**COMPLIANCE**

- The product meets the requirements of EU directives: PN-EN 60598-1

---

*** DISASSEMBLY OF THE LUMINAIRE**

**Perform disassembly in the reverse order of assembly. Carry out all activities with the power disconnected.**

**ATTENTION !**

**Before starting disassembly, absolutely disconnect the 24V DC power supply.**
**When removing the luminaire, secure the structure against falling.**

- Turn off the power and make sure there is no voltage in the installation.
- Remove the elements securing the corners of the luminaire. Unscrew the screws fixing the luminaire to the surface. Carefully remove the luminaire from the mounting points.
- Disconnect the cables powering the luminaire. Secure the installation cables in accordance with applicable regulations. If required, remove any remaining mounting elements from the surface.

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

---