

# Assembly Instruction

## AVVENI PENDANT 18

### Assembly Instructions

The light fixture may only be installed by qualified staff. Qualified staff are persons who are familiar with the installation and first-time operation of the product and who have corresponding qualifications, e.g.:

- Trained electricians or persons who have received training in electrotechnology.
- People who have received training or instruction on the use of appropriate safety equipment according to the safety standards for electrical circuits.
- People who have received training or instruction on first aid and accident prevention.



### Dangers

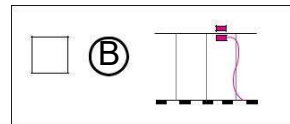
- Ensure that the main power supply is switched off!
- Danger of serious injury due to electric power!
- Prior to installation or removal of the luminaire and the light source, verify that the device is volt-free.

In case of any malfunction, contact your local specialist retailer.

**Technical data:**

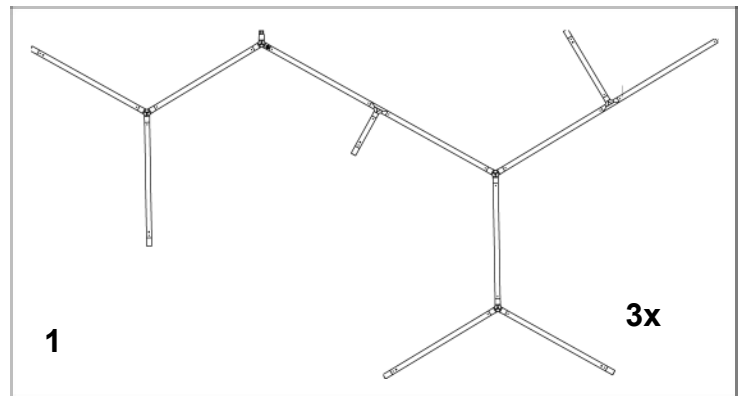
### Assembly Option

supply line 24 V



### Dimming

dimmer interface 0-10V



### Scope of Delivery

| Parts                                                                             | Quantity |
|-----------------------------------------------------------------------------------|----------|
| <input type="checkbox"/> Aluminum frame with 4 steel cables                       | 3 x      |
| <b>Package 2</b>                                                                  |          |
| <input type="checkbox"/> Gloves                                                   | 1 x      |
| <input type="checkbox"/> Screwdriver                                              | 1 x      |
| <input type="checkbox"/> Assembly Instructions                                    | 1 x      |
| <input type="checkbox"/> Light heads with ball joint                              | 18 x     |
| <b>Assembly Options</b>                                                           |          |
| <input type="checkbox"/> Canopy including technical unit and separate supply line | 3 x      |

#### Package 1

Aluminum frame with 4 steel cables      1      3 x

#### Package 2

Gloves      2      1 x

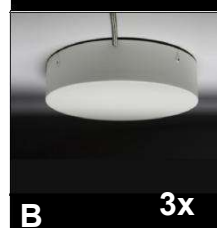
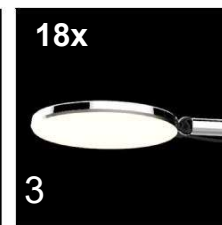
Screwdriver      1 x

Assembly Instructions      1 x

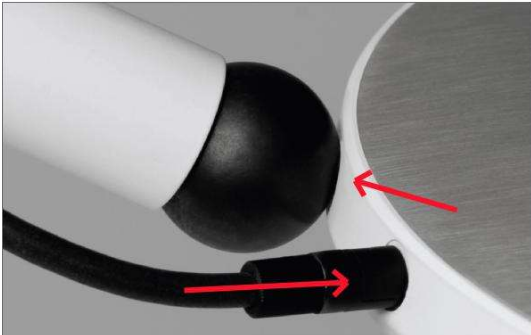
Light heads with ball joint      3      18 x

#### Assembly Options

Canopy including technical unit and separate supply line      **B**      3 x



## Assembly Instruction

AVVENI PENDANT <sup>18</sup>**Mounting of Light Heads**

1. Unpack the light head and carefully attach the metal ball to the magnetic holder of the luminaire structure **1**.
2. Insert the pre-assembled cables into the corresponding socket on the light head.
3. Further assembly instructions see assembly option B

For pendant luminaires we recommend the assembly of the light heads **3** after the installation of the main luminaire structure. Then align the luminaire and shorten the suspension cables if necessary.

**Replacement / Removal of Light Heads**

Disconnect the supply cable from the light head. When replacing or removing the light heads, lever each light head out on the side via the finger or a soft object. The frontal removal of the light head needs to be avoided as it can damage the luminaire. When removing the light head, the direct contact with the luminaire structure is to be avoided as well, as it can lead to damage.

**Maintenance Tip Magnetic Holder**

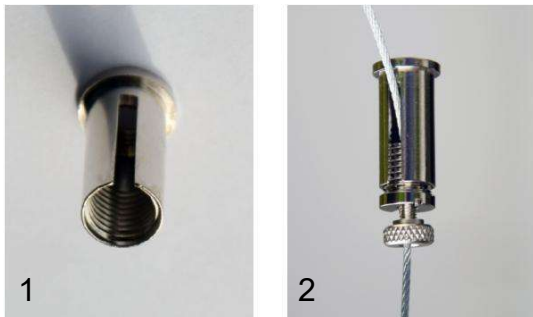
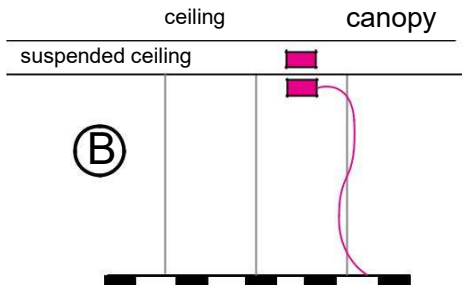
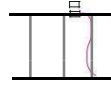
Keep the round magnetic holder free from oil and greases in order to avoid a reduced adhesive strength of the magnetic joint. We recommend cleaning it regularly, using appropriate cleaning detergents.

**Maintenance Tip Surfaces**

Please clean the coated luminaire surfaces solely with a dry or damp cloth. The use of solvent-based detergents can damage the varnished, polished or brushed surfaces.

Assembly Instruction

**Luminaire with steel cable suspension –  
Connecting the luminaire  
with separate canopy**



**Mounting the Cable Holds, Luminaire Assembly**



**Verify sufficient load-bearing capacity of the ceiling!**

1. On the ceiling, mark the 12 suspension points of the luminaire according to the hole pattern on page 4 (observe different dimensions).
2. Drill holes measuring  $\varnothing$  6mm / 1/4", insert the wall plugs and fasten cable holds according to picture 1 .

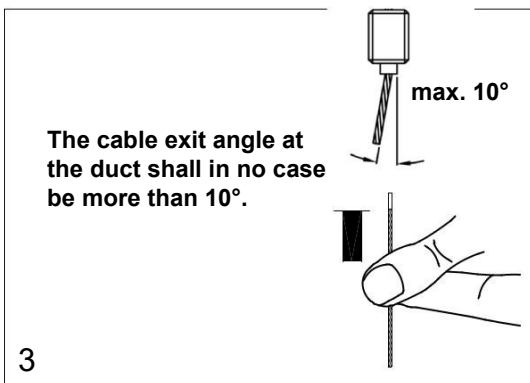


**Verify that the cables are not damaged. The duct of the cable hold needs to exhibit noticeable spring pressure before use. In order to ensure full load bearing capacity, the cables need to be free from greases, oil and rust. The cable holds may only be used in connection with the provided suspension cables and for idle and static loads, see picture 3**

3. Insert the pre-assembled steel cables into the cable holds.
4. Put the luminaire into the desired position and adjust it by applying slight pressure to the cable hold ②. Prior to this, mount the light heads. The different incline of the light heads can alter the horizontal position of the luminaire, thus making it necessary to readjust the cables.
5. If available, lock the cable holds by use of the milled nut.
6. Shorten protruding steel cables.



**Shortened cables may only be replaced by the manufacturer.**

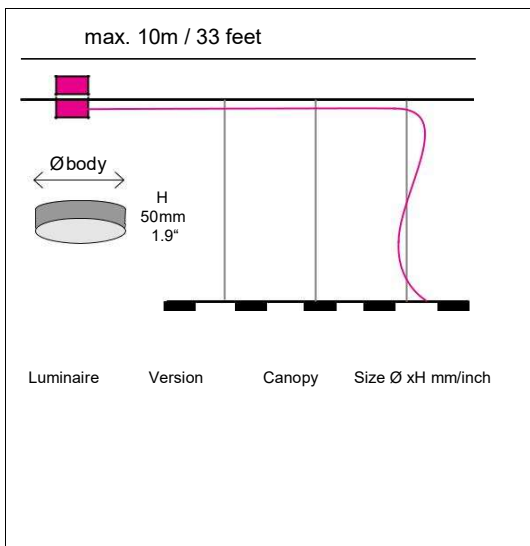


**Mounting of Canopy, Connecting the Luminaire**



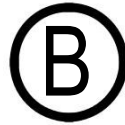
**Power supply from canopy to luminaire max. 10m / 33 feet**

7. On the ceiling, mark the 4 suspension points of each canopy base. Drill holes measuring  $\varnothing$  6mm / 1/4", insert the wall plugs and fasten the canopy.
8. Connect primary terminals according to connection diagram (page 6).
9. Insert the pre-assembled supply line on the side of the canopy and connect to the terminal block according to the connection diagram (page 6).
10. Check the luminaire functions.
11. Mount the canopy lid and fasten with the lateral screws.



Assembly Instruction

Suspension instructions:



AVVENI Pendant 18

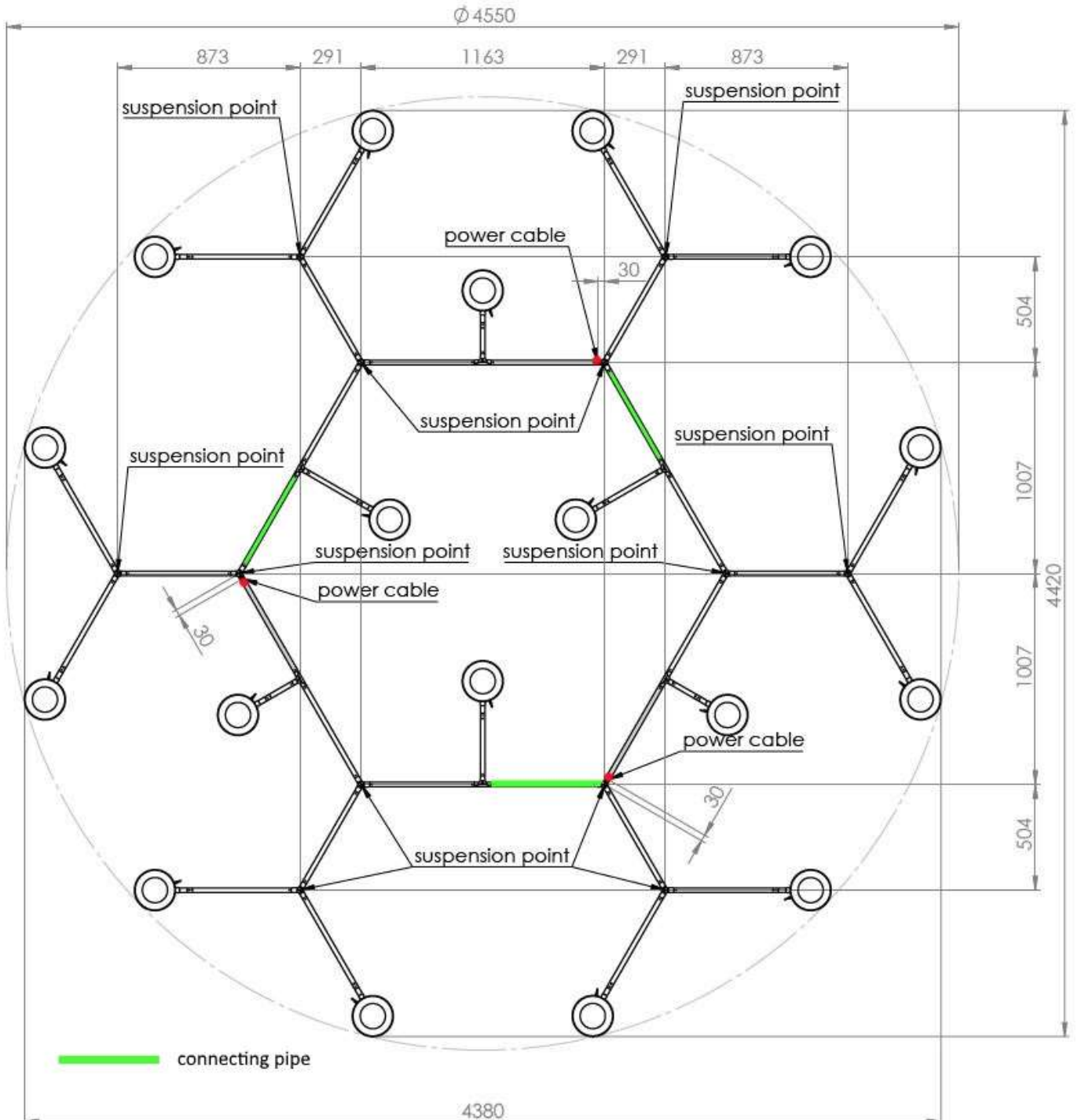
Luminaire with cable suspension –

Hole patterns for the positioning of the steel cable suspension points on the ceiling.

Measurements shown in mm in the drawing below. Refer to the conversion table to the right

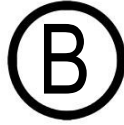
Unit conversion (mm to inches):

- 4550mm (179 1/8")
- 873mm (34 3/8")
- 291mm (11 7/16")
- 1163mm (45 13/16")
- 30mm (1 3/16")
- 4420mm (174")
- 504mm (19 13/16")
- 1007mm (39 5/8")
- 4380mm (172 7/16")



## Assembly Instruction

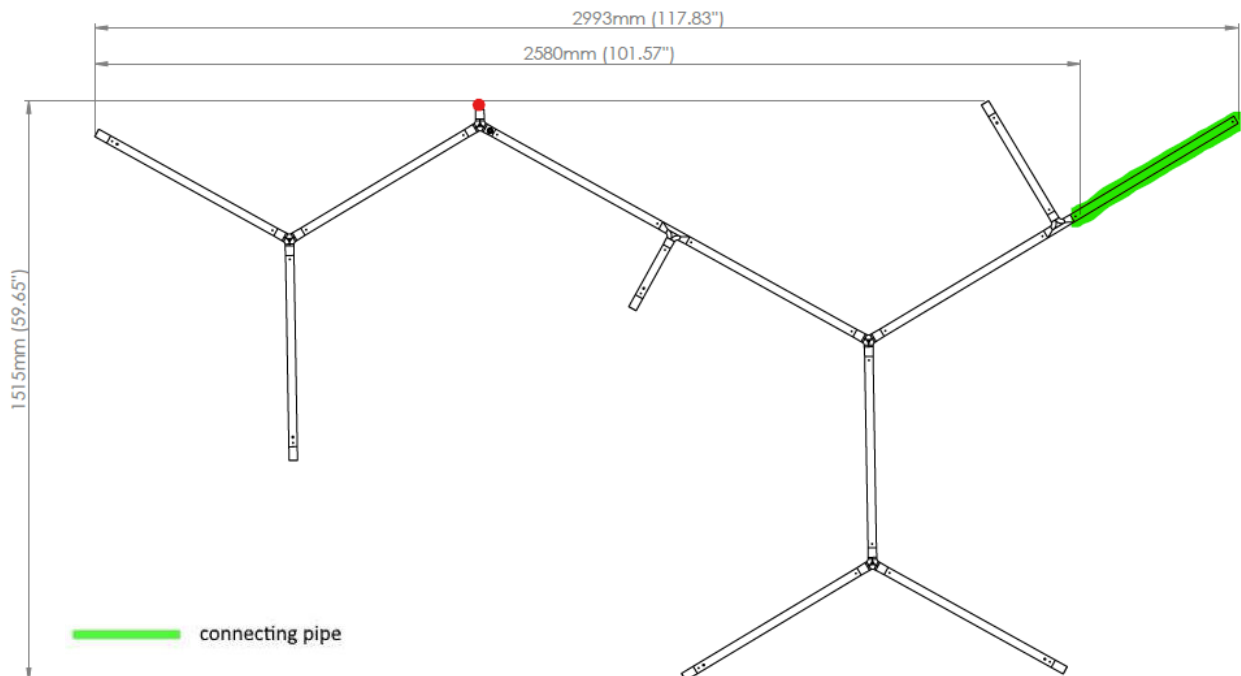
## Suspension instructions:



AVVENI Pendant 18

Luminaire will be delivered in three parts.

1. Hang up the luminaire parts individually according to the enclosed drilling template.
2. level the luminaire to the desired height
3. now connect the three structures with the connecting pipes (shown in green) and grub screws provided.

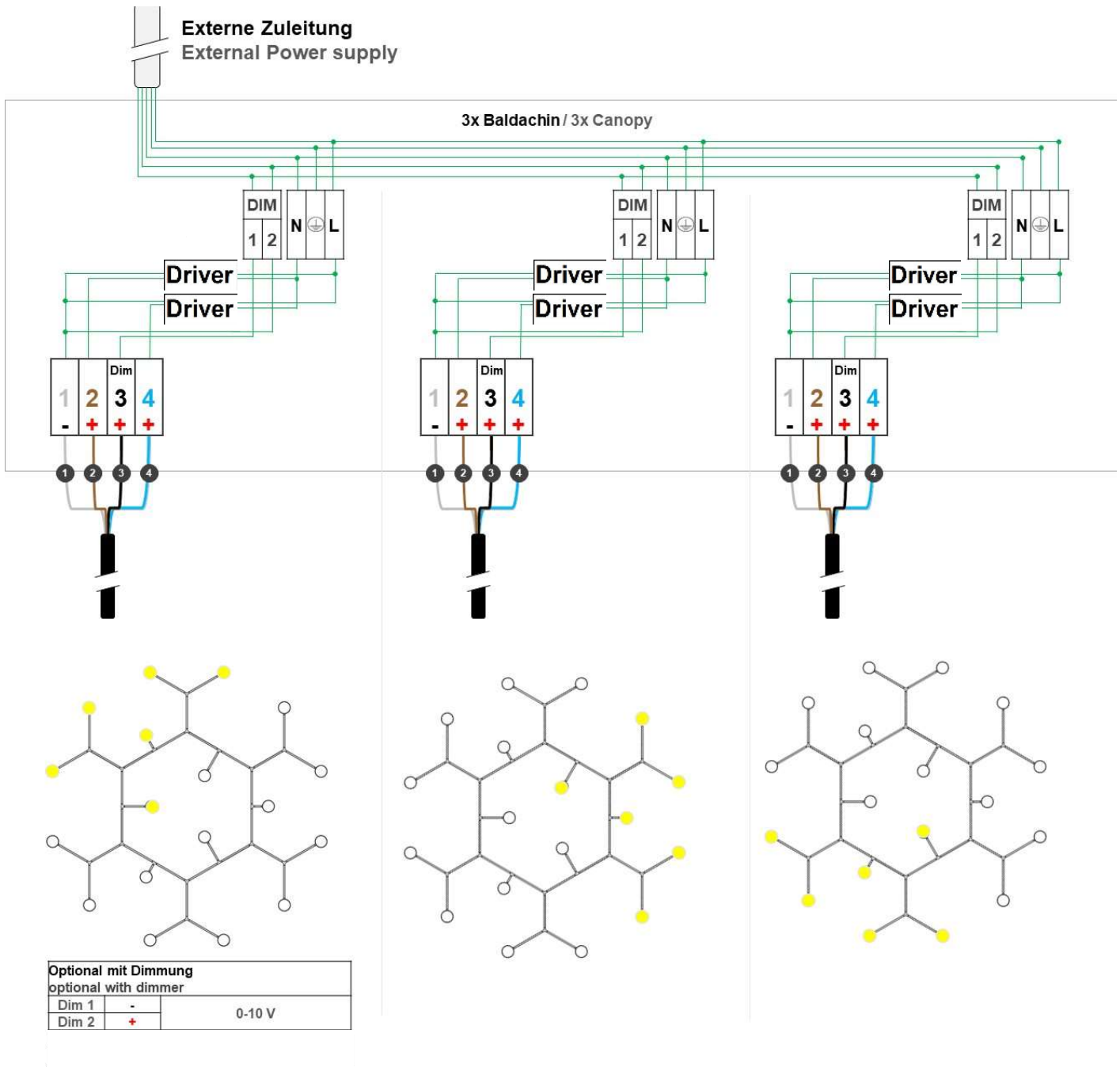


# Assembly Instruction

## Wiring diagram:

3x canopy with 0-10V

The dimming signal must be looped through all 3 Canopies.



We will be glad to assist you with any further questions regarding the assembly of our light fixtures.  
**Contact: Inter-lux, 3741 Commerce Dr. #306-308, Baltimore, MD 21227. 410-381-1497 www.inter-lux.com**  
 Legal disclaimer: Please make sure to adhere to all safety instructions. Every single assembly step is crucial in order to ensure the safety of the light fixture and the technician. Inter-lux and SATTLER GmbH cannot be held liable for any damages or injuries in case of negligence of safety instructions.