

Assembly instruction

05.11.2020

TOCCATA Ø 900 mm

Safety instructions:

The light fixture has to be installed only by qualified electricians. Qualified personnel are people which are familiar with the installation and implementing of the product, and which have special qualification. For example:

- Training as an electrical competent person or electro technical instructed person.
- Education or instruction in handling moderate safety equipment accordantly to the standard safety technique for electrical circuit.
- Education or instruction in first aid and accident prevention.



Dangers

- The supply line might be on voltage at installation time.
- Heavy injuries caused by electricity are possible.
- Before installation or dismounting check for de-energized supply line and light fixture.

Technical data:

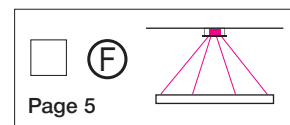
Device sticker

Size:
Ø 900-700-380 mm
Ø 35.4-27.6-15.0"

Weight luminaire
8 kg
17.6 lbs

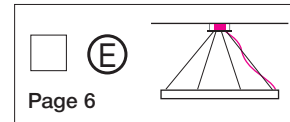
Weight technical unit
ca. 5 kg
approx. 11.0 lbs

Standard:

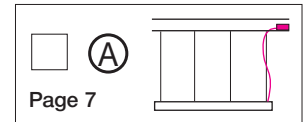


Ø 900 mm / 35.4", 4 current-carrying steel cables with power supply in canopy

Optional:



Ø 900 mm / 35.4", 4 steel cables with external power supply unit in canopy



Ø 900 mm / 35.4", 4-point suspension with external power supply unit in suspended ceiling

Scope of delivery

Package 1: Pendant light

	Part	Quantity
<input checked="" type="checkbox"/>	Light fixture rings, pre-assembled ①	1 unit
<input checked="" type="checkbox"/>	Ø 900 mm, 3 -parts, 4 Steel cables	
<input checked="" type="checkbox"/>	Assembling aid ②	1 unit
	Supply line depending on type of installation ③	

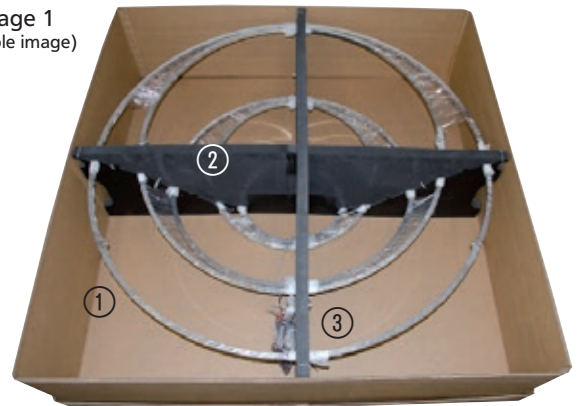
Package 2: technical unit, canopy

<input type="checkbox"/>	Canopy incl. power supply unit ⑤	1 unit
<input type="checkbox"/>	External power supply unit ④	1 unit
<input checked="" type="checkbox"/>	rope spirit level premounted ⑥	1 unit
<input checked="" type="checkbox"/>	Gloves, white ⑦	2 pairs
<input checked="" type="checkbox"/>	Screwdriver	1 unit
<input checked="" type="checkbox"/>	Assembly instruction	1 unit

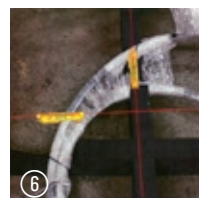
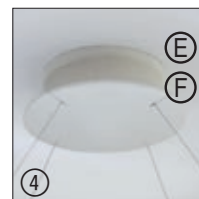
Dimming

<input type="checkbox"/>	Not dimmable
<input type="checkbox"/>	DMX interface
<input type="checkbox"/>	Dimmer interface 0-10V
<input type="checkbox"/>	Dimmer interface 1-10V
<input type="checkbox"/>	DALI interface
<input type="checkbox"/>	LUTRON interface
<input type="checkbox"/>	Bluetooth interface
<input type="checkbox"/>	Enocean interface

Package 1
(Sample image)



Package 2



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Warranty

Use the enclosed assembly instructions for the installation of the lighting fixture. Contravention of the assembly instruction leads to expiration of warranty.

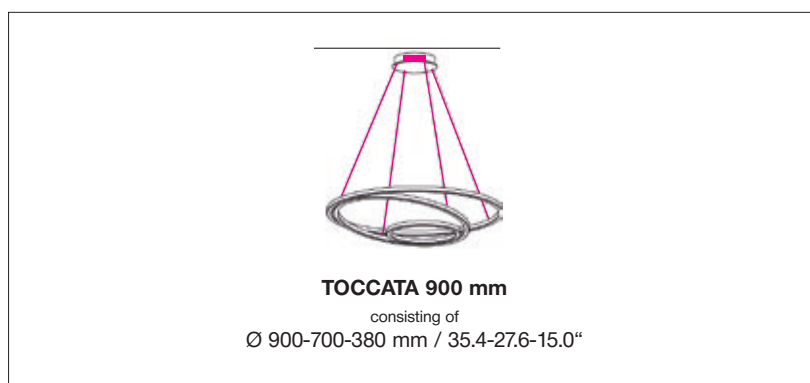
The assigned installation team is briefed to handle the product carefully and reliably to prevent damage towards third parties. The present light fixture has been tested in combination with the appendant technical part for full operational functions.



TOCCATA 900, Mounting version (F)



TOCCATA 900



Sample image TOCCATA 1900

Delivery contains 2 packages

Unpack lamp and check for completeness according to parts list (page 1). Use the enclosed cloth gloves for mounting the lamp to avoid soiling polished surfaces and the opal diffuser. Do not remove the protective foil from the diffuser until after mounting the light.

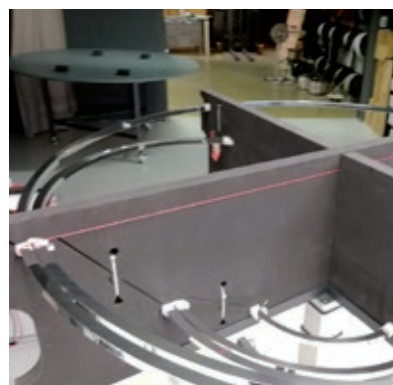
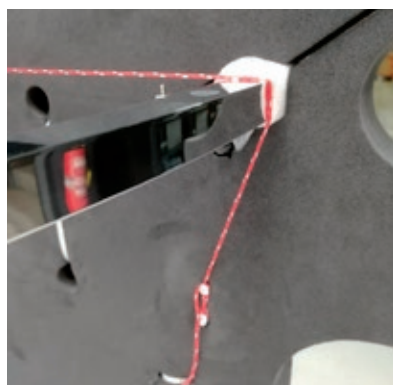
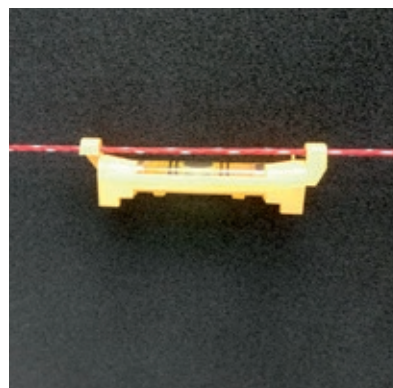
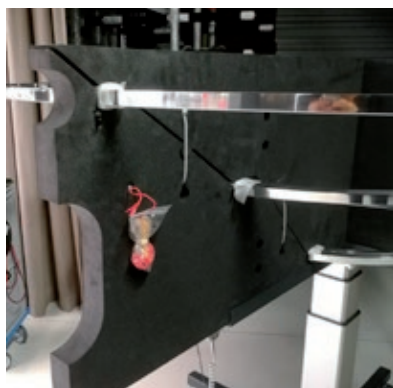
IMPORTANT:

Do not remove the black (reusable) plastic mounting aid ② of the lamp at first.

TOCCATA Ø 900, 1550, 1900 mm

Attaching the spirit level

In order to facilitate the alignment of the TOCCATA lamp, two spirit levels are attached to the mounting aid, which should be mounted or tensioned as follows:



TOCCATA Ø 900, 1550, 1900 mm

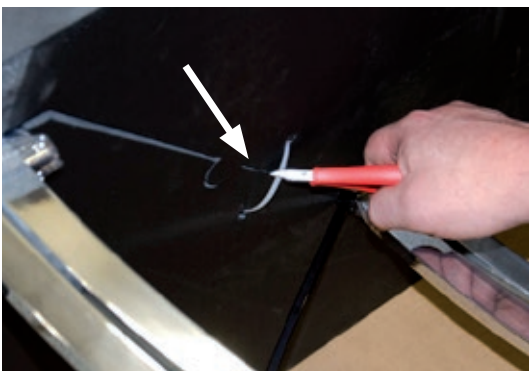
**Fit the canopy**

Mark the mounting points of the canopy page 5 pic. ①.

Pre-drill the mounting points for the canopy into the ceiling, using a Ø 6mm drill. Then insert the wall plugs and fasten with 4 screws. Please ensure the load capacity of the ceiling is sufficient.

Alignment of light fixture

Align the cross-shaped plastic assembling aid ② so that it is parallel to the cables in the canopy.

**Mounting of the light fixture**

First, remove both upper parts of the plastic assembling aid by cutting the **white cable straps**.

Please do not yet remove the lower 2 assembling aids which are attached to the light fixture with **black cable straps**.

**Please note:**

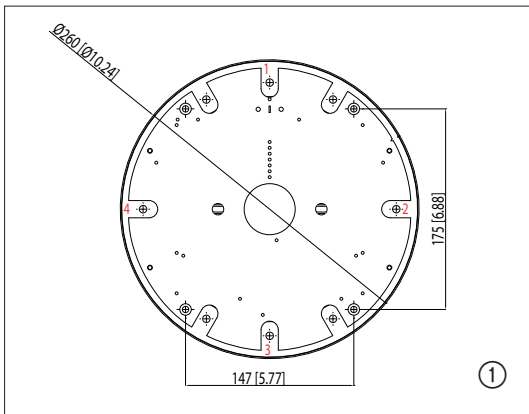
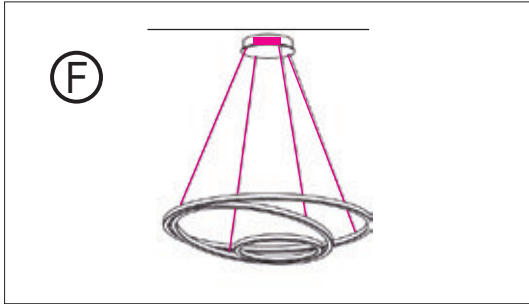
The 4-part assembling aid ② provided is a resource-saving reusable element. Please send it back to us in the package provided in order to receive a refund.

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Light fixture with canopy – Connection of the light fixture with current-carrying steel cables



Canopy Ø 290 mm / 11,4" with 4 steel cables



Canopy with cover



Cable grippers

Mounting of the canopy



Make sure the ceiling has sufficient support capacity!

1. Fit the base of the canopy to the ceiling with the 4 mounting points. Ø Drill 6mm / 1/4" holes and anchor to fasten canopy to ceiling (see scale sketch on the left).
2. Connect the power supply and the control signal to the terminal block of the ceiling plate (see wiring diagram F from page 8).

Connection of the light fixture

3. Fix light fixtures with 4 steel cables to the canopy at the provided cable grippers ②.



Consider the polarity of the current-carrying cables in accordance with the markings on the light fixture and the canopy.

4. Lift the light fixture in its desired position and adjust by applying light pressure on the steel cable grippers. Observe minimum / maximum suspension height.



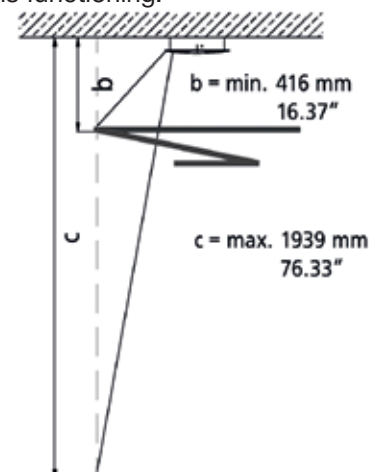
Never adjust the suspension under pressure. The steel cables might get damaged.

5. When the final position of the light fixture is determined, fix the lock nut and shorten excessive steel cables in the canopy. If you want to change the height of the luminaire later, it is also possible to insulate the steel cables inside the canopy.



Shortened steel cables can only be replaced at the factory

6. Mount the canopy cover and fasten it with screws from the side.
7. Check whether the light fixture is functioning.



- minimum suspension height (b). 416 mm
- maximum suspension height (c). 1939 mm

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TOCCATA Ø 900 mm

Light fixture with canopy – Connection of the light fixture with separate power supply cable

Montage des Baldachins



Make sure the ceiling has sufficient load-carrying capacity!

1. Fit the base of the canopy to the ceiling with the 4 mounting points. Ø Drill 6mm / 1/4" holes and anchor to fasten canopy to ceiling (see scale sketch on the left).
2. Connect the power supply and the control signal to the terminal block of the canopy (see wiring diagram E from page 9).

Connection of the light fixture

3. Fix light fixtures with 4 cables to the canopy at the provided cable grippers ②.
4. Lift the light fixture in its desired position and adjust by applying light pressure on the steel cable grippers ②. Observe minimum / maximum suspension height .



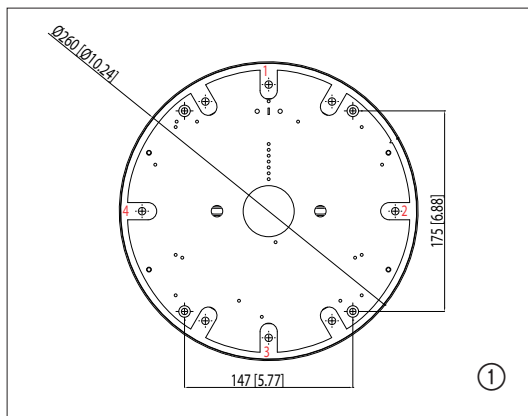
Never adjust the suspension under pressure. The steel cables might get damaged.

5. When the final position of the light fixture is determined, fix the lock nut and shorten excessive steel cables in the canopy. If you want to change the height of the luminaire later, it is also possible to insulate the steel cables inside the canopy.



Shortened steel cables can only be replaced at the factory

6. Insert the power supply line through the side of the ceiling plate and connect it to the terminal block in accordance with the wiring diagram (from page 9)
7. Mount the canopy cover and fasten it with screws from the side.
8. Check whether the light fixture is functioning.



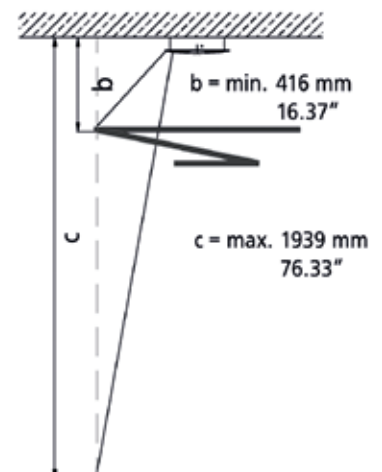
Canopy Ø 290 mm / 11,4" with 4 steel cables



Canopy with cover



Cable grippers

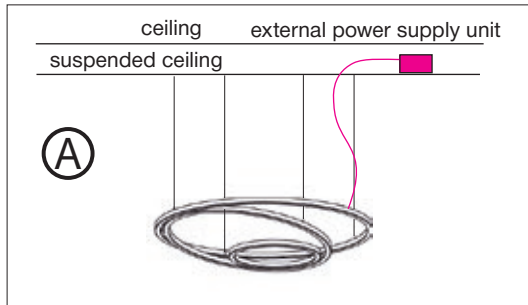


- minimum suspension height (b). 416 mm
- maximum suspension height (c). 1939 mm

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Light fixture with steel cable suspension – Connection of the light fixture with external power supply unit



Mounting of the cable grippers, installation of the light fixture



Make sure the ceiling has sufficient load-carrying capacity!

1. Mark the 4 anchor positions of the light fixture on the ceiling.
2. Drill Ø 6mm / 1/4 holes, insert anchors and fasten steel cable holders, see pictures ① - ③ .

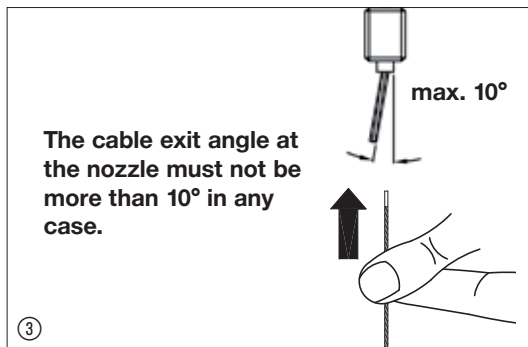


The steel cable grippers cannot be used for outdoor areas. Make sure cables are not damaged. Prior to mounting, the nozzle of the steel cable bracket has to have noticeable spring pressure. In order to ensure full suspension, the steel cables have to be clean and free from grease, oil and rust. The steel cable grippers can only be used in connection with the provided fixation cables for stationary and static loads, see picture ③.

3. Insert the cables which have been pre-attached to the light fixture in the steel cable grippers.
4. Lift the light fixture in the requested position and adjust by applying light pressure on the steel cable grippers.
5. If provided, lock the steel cable grippers in place by use of the insulated knurled screw.
6. Shorten excessive steel cables.



Shortened cables can only be replaced at the factory!

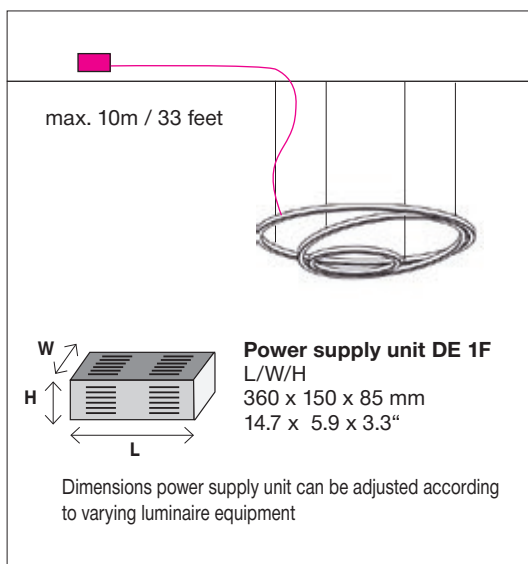


Assembly of the operating unit, connection to light fixture



Mount external power supply unit only in a dry and aerated place!

Power supply cable from the operating unit to the light fixture max. 10m / 33 feet



7. Open the housing of the operating unit by loosening the 4 screws.
8. Fasten operating unit sufficiently.
9. Connect primary connection and power supply cable of the light fixture according to the wiring diagram A from page 9, then fasten the housing of the operating unit again.
10. Check whether the light fixture is functioning.

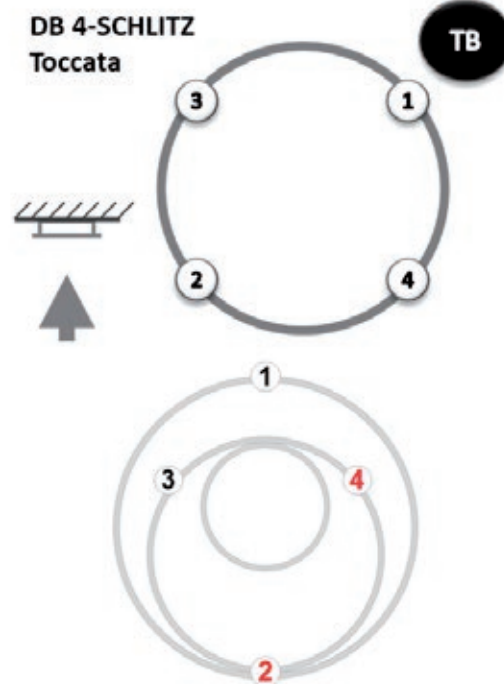
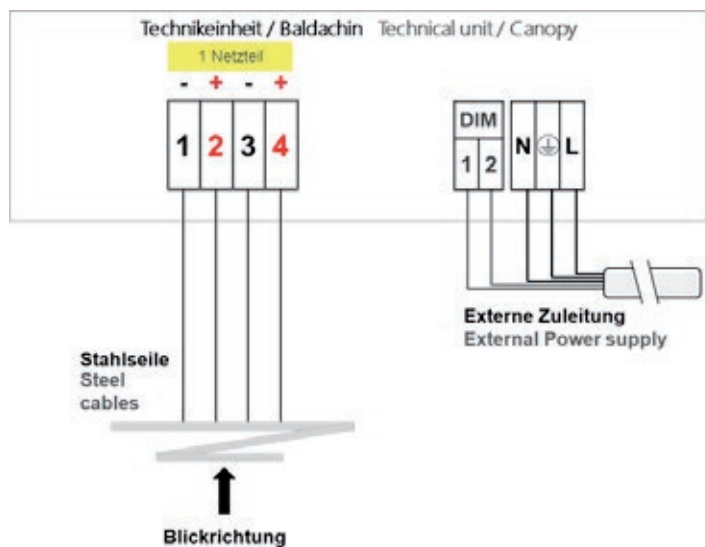
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Wiring diagram mounting version F



SATTLER	Anschlusschema / wiring diagram	06_4S_4W_Toccata_DB	28.12.2019
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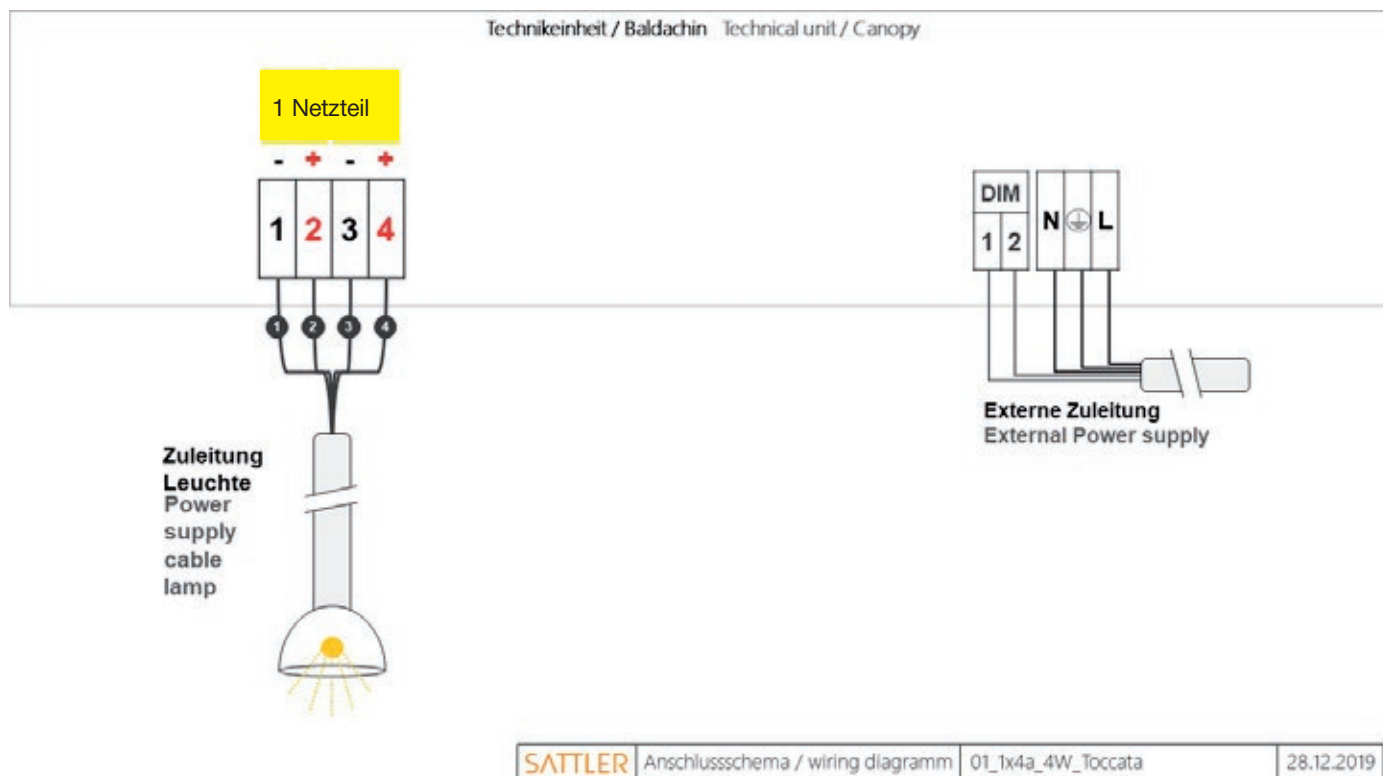
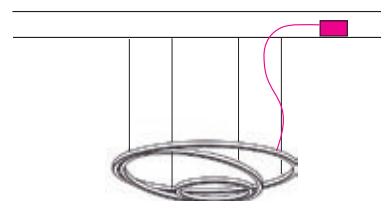
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Wiring diagram mounting version E / A



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 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.