

# Assembly instruction

## DOPPIO

### General remarks on safety

Read all of these instructions before installing fixtures.

- Keep all of the instructions for future reference.
- Turn off power before installing fixture.
- Installation is to be performed by a qualified electrician only.
- All installations are to conform to the standards of National Electrical Code as well as all local jurisdictional codes and regulations.
- Any modification of the luminaire will void any and all written or implied warranties.
- Do not open the luminaire - this will void the IP rating
- The manufacturer accepts no responsibility for damage to persons or property arising through improper use or installation.

THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED



### Dangers

- Verify power is off at installation time.
- Injuries caused by electricity are possible

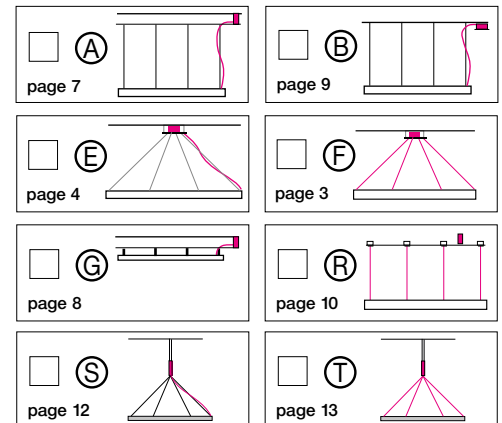
### Technical Data:

Device sticker

Measurements Ø mm / inches	Weight kg / lbs Light Fixture	Canopy/ Operating Unit
Ø 900 / 35.4	9 / 19.8	5.0 / 11.0
Ø 1240 / 48.8	10 / 22.0	5.0 / 11.0
Ø 1550 / 61.0	11 / 24.3	5.0 / 11.0
Ø 1900 / 74.8	12 / 26.5	5.0 / 11.0
Ø 2300 / 90.5	19 / 41.9	5.0 / 11.0
Ø 2600 / 102.3	21 / 46.3	5.0 / 11.0
Ø 3500 / 137.8	29 / 63.9	5.0 / 11.0

### Mounting Version

Supply line 24 V



### BOM

#### Package 1

- |                                     |  |   |        |
|-------------------------------------|--|---|--------|
| <input checked="" type="checkbox"/> | Aluminium frame with acrylic diffusor and 4, respectively 6 steel cables | ① | 1 unit |
|-------------------------------------|--|---|--------|

#### Package 2

- |                                     |                                |   |        |
|-------------------------------------|--------------------------------|---|--------|
| <input type="checkbox"/>            | Canopy incl. power supply unit | ② | 1 unit |
| <input type="checkbox"/>            | External power supply unit     | ③ | 1 unit |
| <input checked="" type="checkbox"/> | White gloves                   | ④ | 1 pair |
| <input checked="" type="checkbox"/> | Screwdriver                    |   | 1 unit |
| <input checked="" type="checkbox"/> | Assembly instructions          |   | 1 unit |
| <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              |   |        |



## Assembly instruction

## DOPPIO

**Warranty**

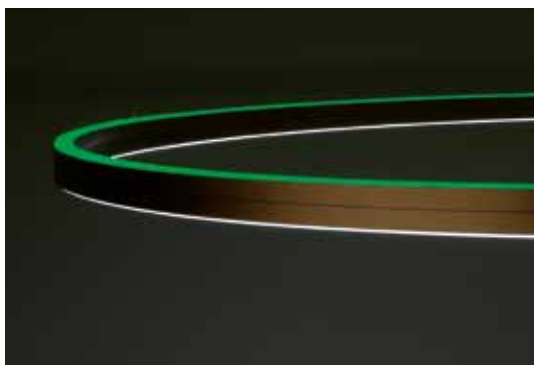
Use the enclosed assembly instructions for the installation of the lighting fixture. Non-compliance with the assembly instruction will automatically void the warranty.

The persons assigned with the installation of the product are instructed to handle it with the utmost care and safety in order to avoid damages to third parties.

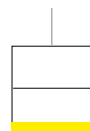
The present light fixture has been tested and is fully operational.



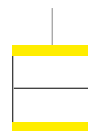
DOPPIO direct/indirect, assembly version (A)



DOPPIO direct/indirect RGB, detail

**DOPPIO - Beam spread variance**

DIRECT



DIRECT / INDIRECT

**Consignment consists of 2 packages**

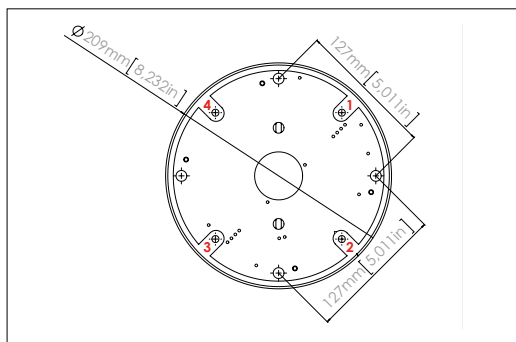
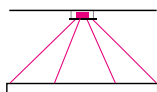
Unpack light fixture and check the parts list to make sure it is complete. Use the provided gloves for fitting the light fixture in order to keep polished surfaces and the acrylic glass clean.

Do not remove the protective foil until after assembly.

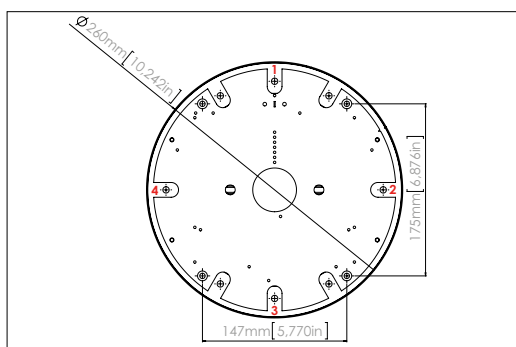
# Assembly instruction

## DOPPIO

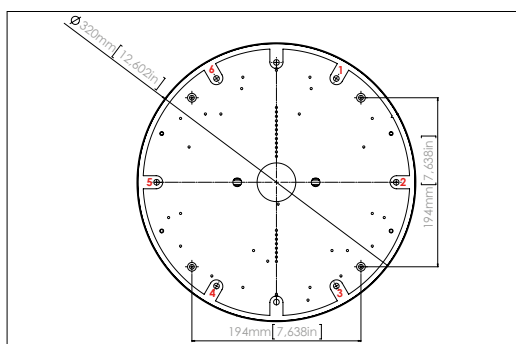
(F)



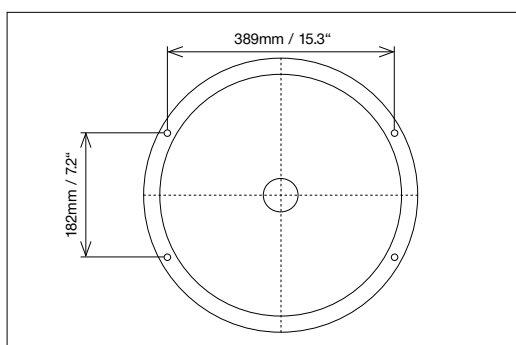
Canopy Ø 230 mm / 9,5" with 4 steel cables



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



Canopy Ø 350 mm / 13,7" with 6 steel cables



Canopy Ø 510 mm / 13,7" with 6 steel cables

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

(F)

### 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 page 24-30).

### Connection of the light fixture

3. Fix light fixtures with 4, 6 steel cables to the canopy at the provided cable grippers ①.



**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 on page 5.



**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 suspension cables can only be replaced at the factory.**

- 6a. (optional) Canopy cover including light spot:  
Connect spot with canopy.
- 6b. Mount the canopy cover and fasten it with screws from the side.
7. Check whether the light fixture is functioning.



Canopy with  
mounted cover

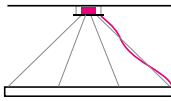


Canopy  
with spot

# Assembly instruction

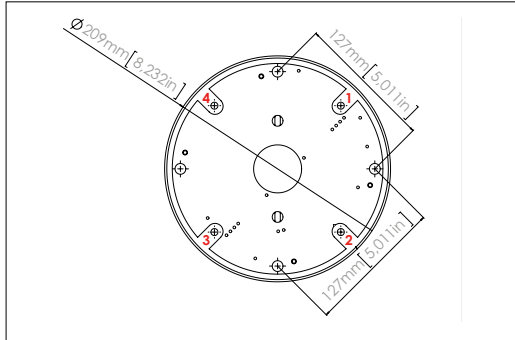
## DOPPIO

E

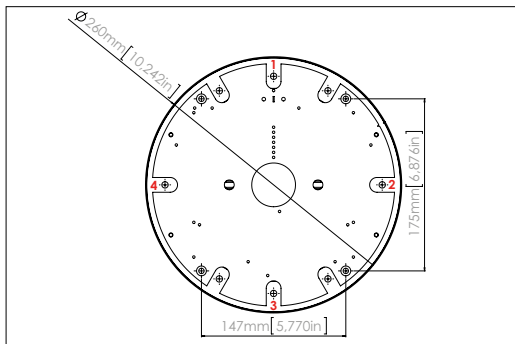


### Light fixture with canopy – Connection of the light fixture with separate power supply cable

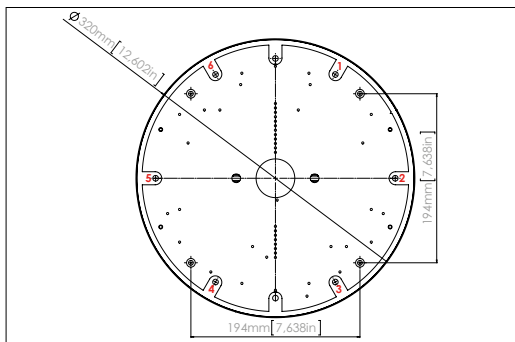
E



Canopy Ø 230 mm / 9,5" with 4 steel cables



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



Canopy Ø 350 mm / 13,7" with 6 steel cables

### Mounting of the canopy



**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 16).

### Connection of the light fixture

3. Fix light fixtures with 4 or 6 cables to the canopy at the provided cable grippers ①.
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 on page 5.



**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 suspension cables can only be replaced at the factory.**

- 6a. 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 (p.16-23)
- 6b (optional) Canopy including light spot: connect pre-assembled connector to canopy.
7. Mount the canopy cover and fasten it with screws from the side.
8. Check whether the light fixture is functioning.

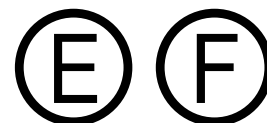


Canopy with  
mounted cover



Canopy  
with spot

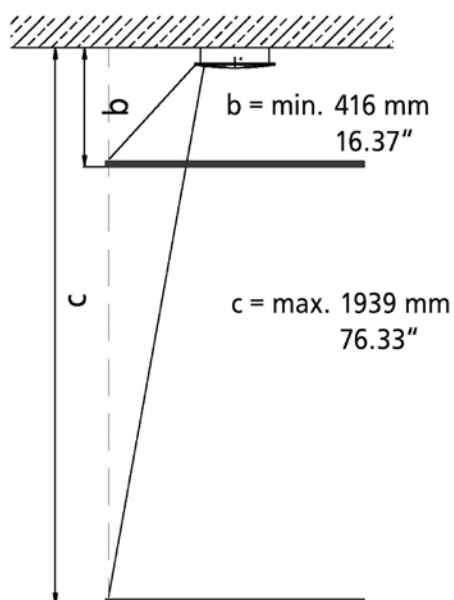
# DOPPIO



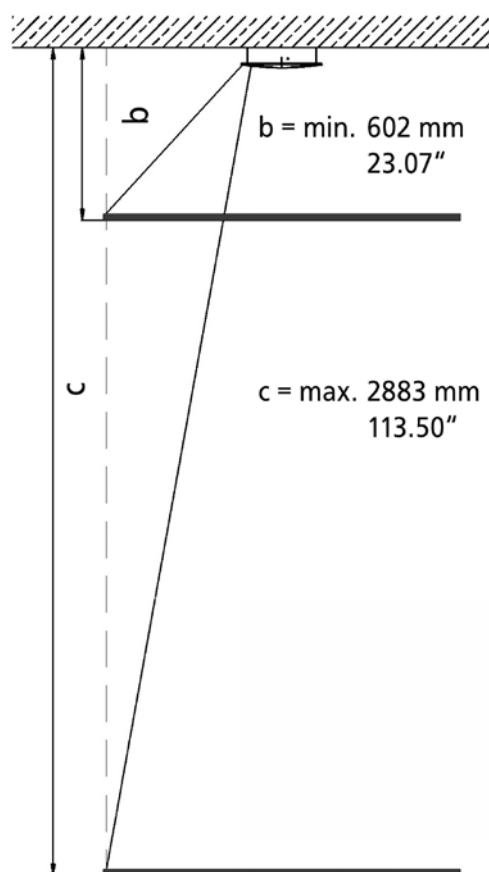
## Light fixture with canopy

Ø 900 mm / 35.4" and Ø 1240 mm / 48.8"

minimum (b) respectively maximum (c) ceiling suspension



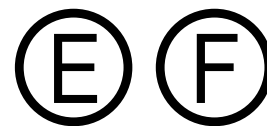
DOPPIO Ø 900 mm / 35.4"



DOPPIO Ø 1240 mm / 48.8"

# Assembly instruction

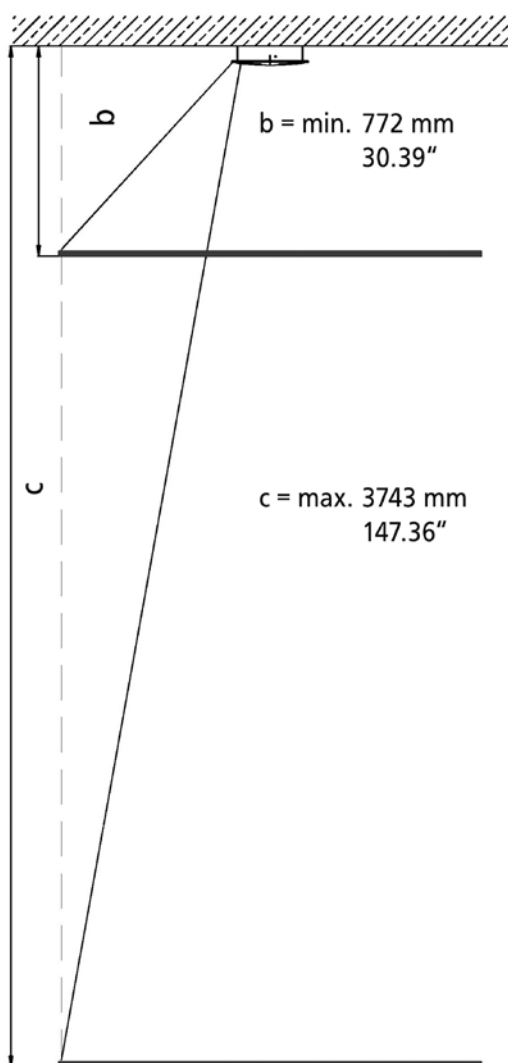
## DOPPIO



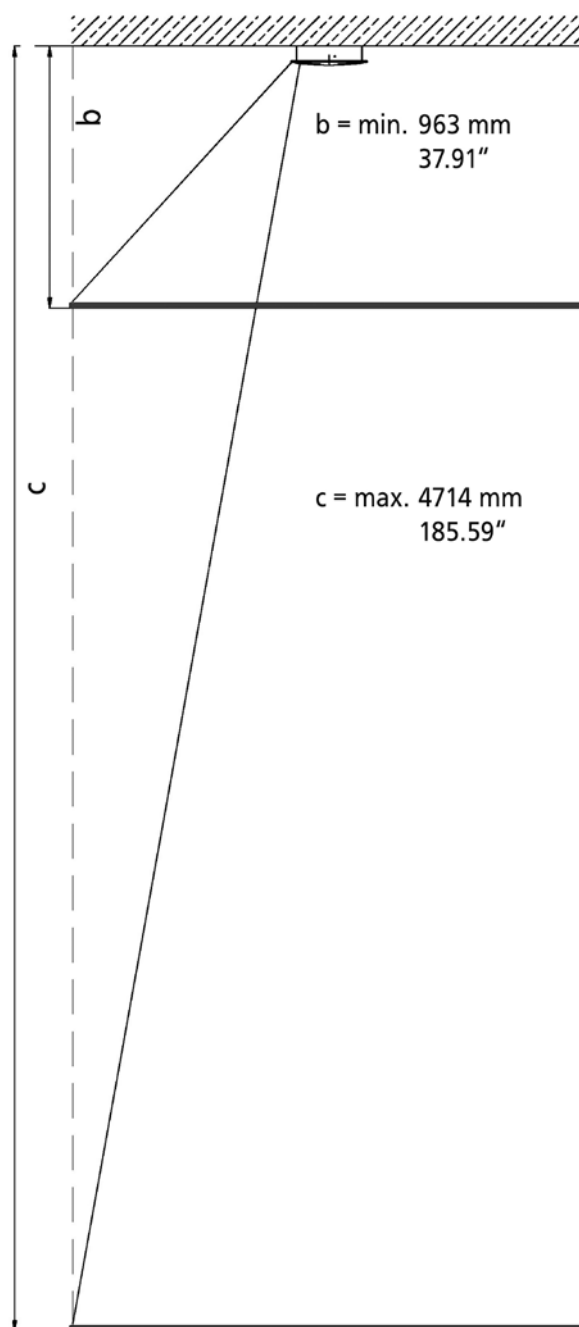
### Light fixture with canopy

1550 mm / 61.0" and Ø 1900 mm / 74.8"

minimum (b) respectively maximum (c) ceiling suspension



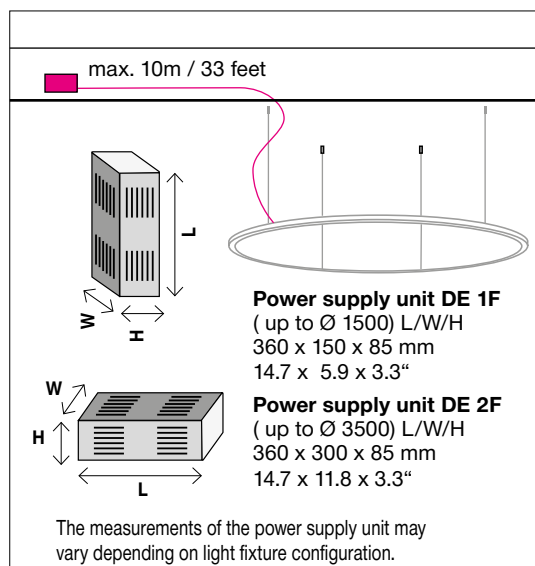
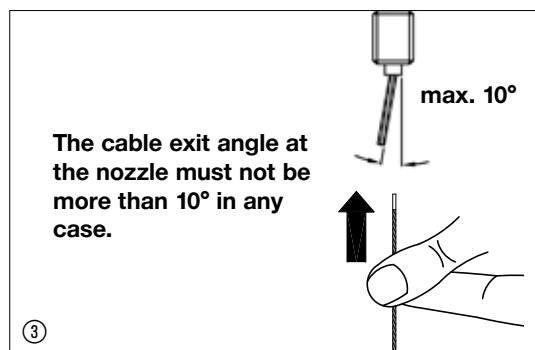
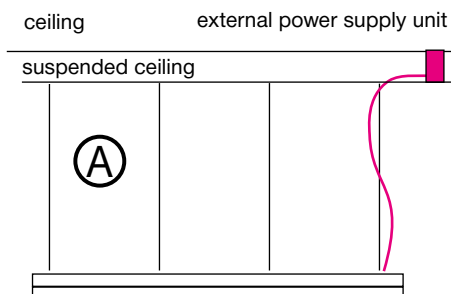
**DOPPIO Ø 1550 mm / 61.0"**



**DOPPIO Ø 1900 mm / 74.8"**

# Assembly instruction

## DOPPIO



### 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 support capacity!**

1. Mark the 4 anchor positions of the light fixture on the ceiling according to the drilling template on page 10 (observe different measurements).
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 greases, oils and rust. The steel cable grippers can only be used in connection with the provided fixation cables for stationary and static loads, see picture ⑤**

3. Insert the cables which have been pre-attached to the light fixture in the steel cable grippers.
4. Lift the light fixture in its desired 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 by 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

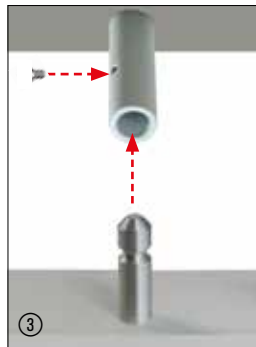
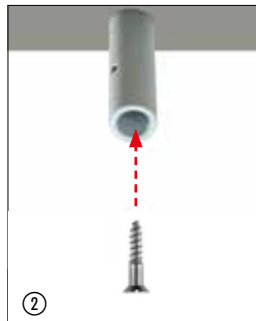
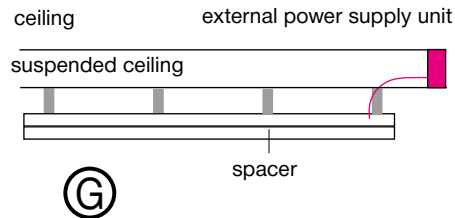
**Assembly of external power supply vertically or horizontally (see sketch)**

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 (from p.12), then fasten the housing of the operating unit again.
10. Check whether the light fixture is functioning.



# Assembly instruction

## DOPPIO



### Direct ceiling mounting – Connection of the light fixture with external power supply unit



#### Mounting of the ceiling support



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

1. Mark the 4 anchor positions of the light fixture on the ceiling according to the drilling template page 14 (observe different measurements).
2. Drill Ø 6mm / 1/4 holes, insert anchors and fasten ceiling spacers (50 mm), see pictures ① + ② .
3. Insert the bolts which have been pre-attached to the light fixture, in the ceiling spacer.
4. Fasten with the locking screw on the side ③.

#### Assembly of the operating unit, connection to light fixture

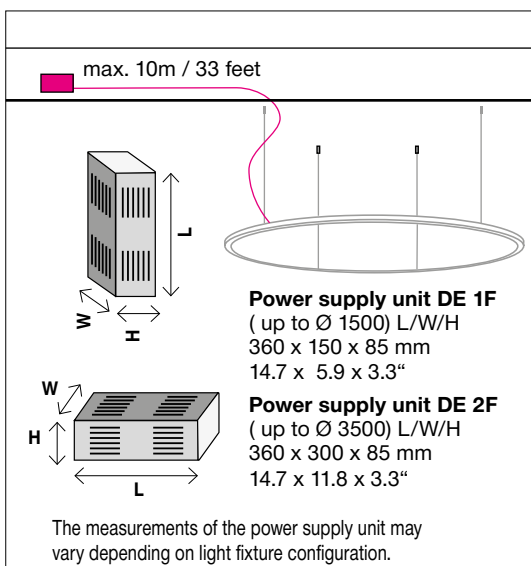


**Mount operating unit only in a dry and aerated place!**

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

**Fixation of power supply unit vertically or horizontally (see sketch)**

5. Open the housing of the operating unit by loosening the 4 screws.
6. Fasten power supply unit sufficiently.
7. Connect primary connection and power supply cable of the light fixture according to the wiring diagram (p. 12), then fasten the housing of the operating unit again.
8. Check whether the light fixture is functioning.

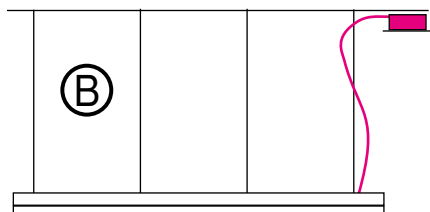




# Assembly instruction

## DOPPIO

### Light fixture with steel cable suspension – Connection of the light fixture with separate canopy



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

1. Mark the 4 / 6 anchor positions of the light fixture on the ceiling according to the drilling template page 14 (observe different measurements).
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 gripper has to have noticeable spring pressure. In order to ensure full suspension, the steel cables have to be clean and free from greases, oils and rust. The steel cable gripper 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 to its desired 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.



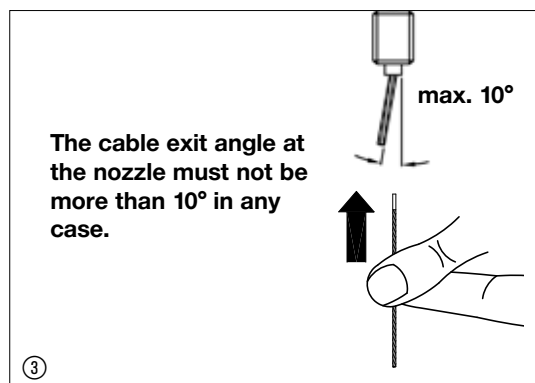
**Shortened cables can only be replaced by the factory!**

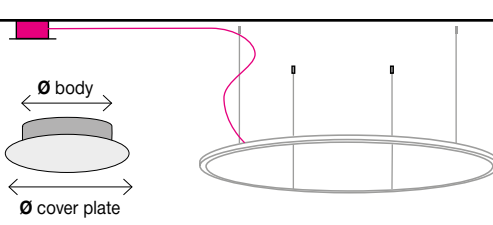
### Assembly of the canopy, connection to light fixture



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

7. Mark the 4 anchor positions of the canopy on the ceiling according to the scale sketch (page 4) – different measurements depending on size. Drill Ø 6mm / 1/4 holes, insert anchors and fasten canopy.
8. Connect primary connection in accordance with the wiring diagram B (p. 16-23)
9. Insert the power supply cable that has been pre-attached to the light fixture in the side of the canopy and connect to the terminal block according to wiring diagram B (p. 16-23)
10. Mount canopy cover and fasten with screws from the side.
11. Check whether the light fixture is functioning.

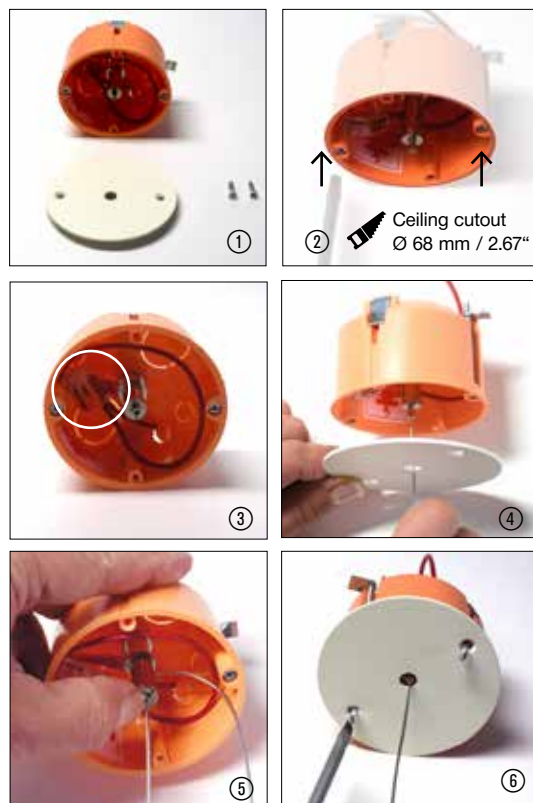
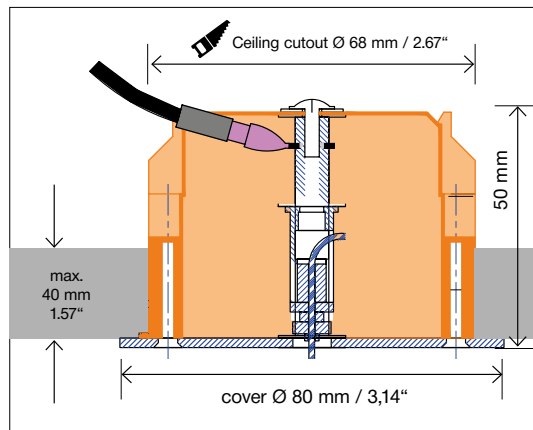
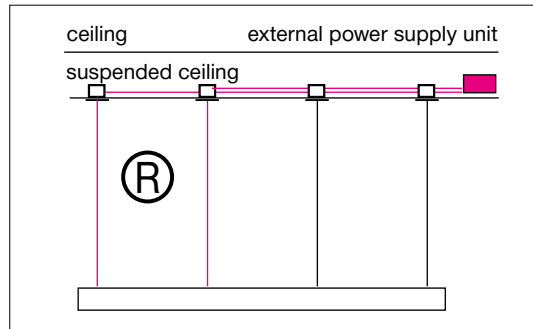


max. 10m / 33 feet		
		
Typ Canopy	Dimensions	mm / inch, Ø Cover Plate / Body
DB 230	Ø 230 / 210 mm	/ 9.5 x 8.3"
DB 290	Ø 290 / 260 mm	/ 11.4 x 10.2"
DB 350	Ø 350 / 320 mm	/ 13.7 x 12.5"
DB 510	Ø 510 / 470 mm	/ 20.0 x 18.5"

# Assembly instruction

## DOPPIO

Max Ø 1900 mm



**Light fixture with current-carrying steel cables, cavity boxes and external power supply unit.**



### Mounting of the cavity boxes with integrated steel cable grippers.



**Make sure the ceiling has sufficient load-carrying capacity!**

1. Mark the 4 positions of the cavity boxes on the ceiling according to the drilling template on page 11.
2. Cut out a ceiling cavity with Ø 68 mm / 2.67" ②.
3. Connect the enclosed secondary supply cable to the cavity box ③ and connect the cable to the canopy (max. 3m). Observe connection diagram R (from p.12) and marking on luminaire.
4. Attach the cavity box to the ceiling with 2 cross-recessed screws (the thickness of the ceiling must be max. 40 mm / 1.57").
5. Insert the steel cables (which are already mounted on the fixture) through the hole in the cover plate in the cable grippers ④.
6. Lift the light fixture in the requested position and adjust by applying slight pressure on the steel cable grippers ⑤.
7. Shorten excessive steel cables.



**Shortened cables can only be replaced by the factory!**



**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.**

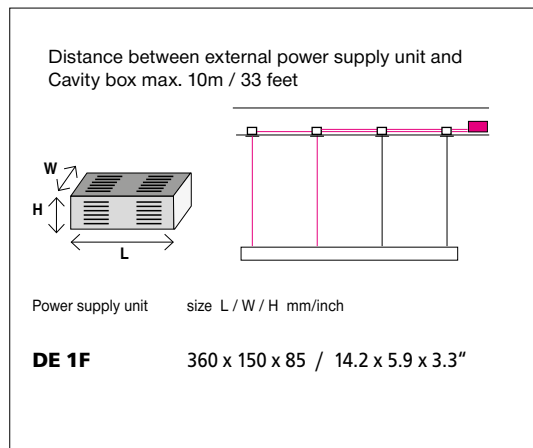
8. Fix cover with two screws ⑥.

## Assembly instruction

### DOPPIO

Max Ø 1900 mm

**Light fixture with current-carrying steel cables, cavity boxes and external power supply unit.**



### Assembly of the power supply unit, connection to cavity boxes

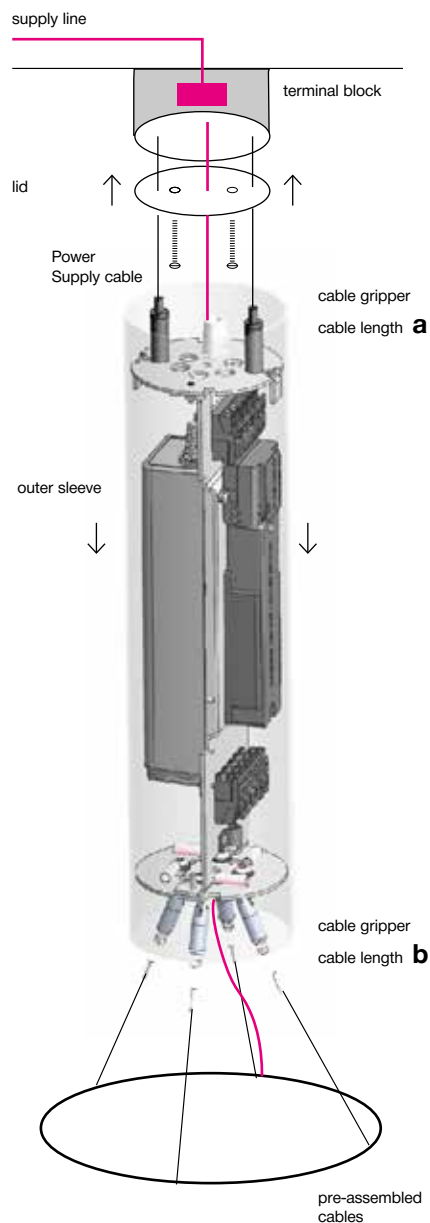
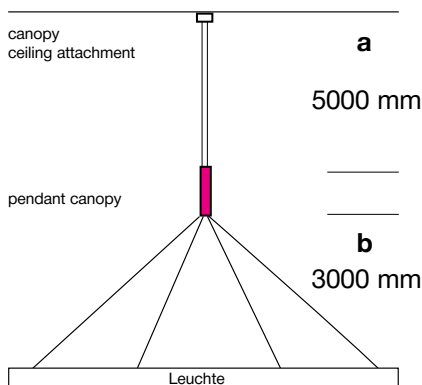


Mount external power supply unit only in a dry and well-aired place!

**Installation in suspended ceiling, maximum distance to cavity box 10 m / 33 feet.**

9. Connect the primary connection according to the connection diagram (from p.12).
10. Fix power supply unit sufficiently.
11. Insert the supply cable at the side of the power supply unit and connect it to the terminal block according to connection diagram R (from p.12).
12. Check whether the light fixture is functioning.
13. Attach the power supply unit cover and fix it with screws on the side.

# Assembly instruction



## Luminaire with pendant canopy – Connecting the light fixture with separate supply line



### Mounting the Canopy Ceiling Attachment



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

1. Fasten the canopy ceiling attachment to the ceiling at the 2 mounting points.  $\varnothing$  6mm / 1/4" drill and wall plugs
2. Connect the power supply and the control signal to the terminal block of the canopy. For this, dismount the terminal block, connect the cables and mount the terminal block again. Insert the two pre-assembled steel cables (5000mm) and the power supply cable through the canopy lid, fasten cable anchorage and lid with magnets.

### Mounting the Pendant Canopy

3. Move the outer sleeve of the pendant canopy up, turn and then move it down.
4. Insert both steel cables (cable length a) in the cable gripper of the pendant canopy and adjust to desired length by applying slight pressure to the cable gripper.



**Never adjust the suspension under load to avoid damage to the steel cables.**

5. Lock the cable grippers on the canopy by use of the insulated knurled nut.
6. Protruding steel cables may be shortened, if necessary.



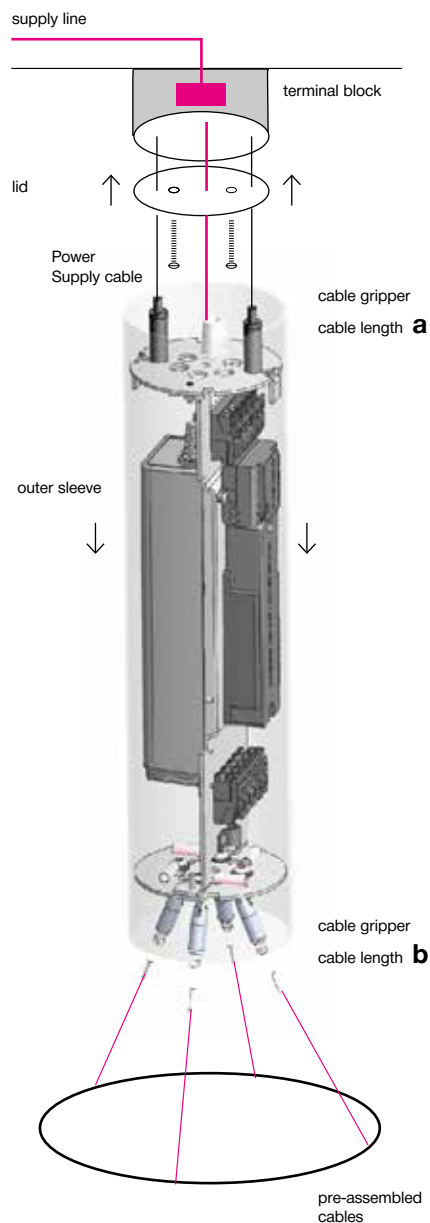
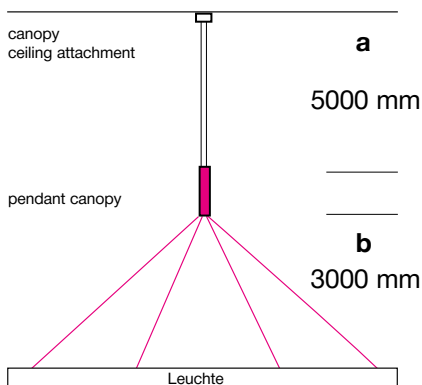
**Shortened cables may only be replaced by the manufacturer.**

7. Connect the supply line to the terminal block of the pendant canopy, lock cable anchorage. Move the outer sleeve back up.

### Connecting the Luminaire

8. Fasten the luminaire body to the bottom part of the pendant canopy at the cable anchors provided with the pre-assembled cables (cable length b) and adjust by applying slight pressure to the cable hold.
9. Lock the cable holds by use of the insulated knurled nut.
10. Connect the pre-assembled supply line to the terminal block at the bottom of the pendant canopy. Lock cable anchorage.
11. Put the sleeve of the pendant canopy back in position and fasten it.
12. Check the luminaire functions.

# Assembly instruction



## Luminaire with pendant canopy – Connecting the light fixture with current-carrying steel cables



### Mounting the Canopy Ceiling Attachment



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

1. Fasten the canopy ceiling attachment to the ceiling at the 2 mounting points.  $\varnothing$  6mm / 1/4" drill and wall plugs
2. Connect the power supply and the control signal to the terminal block of the canopy. For this, dismount the terminal block, connect the cables and mount the terminal block again. Insert the two pre-assembled steel cables (5000mm) and the power supply cable through the canopy lid, fasten cable anchorage and lid with magnets.

### Mounting the Pendant Canopy

3. Move the outer sleeve of the pendant canopy up, turn and then move it down.
4. Insert both steel cables (cable length a) in the cable gripper of the pendant canopy and adjust to desired length by applying slight pressure to the cable gripper.



**Never adjust the suspension under load to avoid damage to the steel cables.**

5. Lock the cable grippers on the canopy by use of the insulated knurled nut.
6. Protruding steel cables may be shortened, if necessary.



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

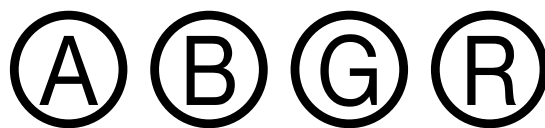
7. Connect the power supply cable to the terminal block of the pendant canopy, lock cable anchorage. Move the outer sleeve back up.

### Connecting the Luminaire

8. the cable anchors provided with the pre-assembled cables (cable length b) and adjust by applying slight pressure to the cable hold. Observe the polarity of the live cables according to the markings on the luminaire and the canopy.
9. Lock the cable holds by use of the insulated knurled nut.
10. Shorten protruding current-carrying steel cables to avoid short circuits.
11. Put the sleeve of the pendant canopy back in position and fasten it.
12. Check the luminaire functions.

## Assembly instruction

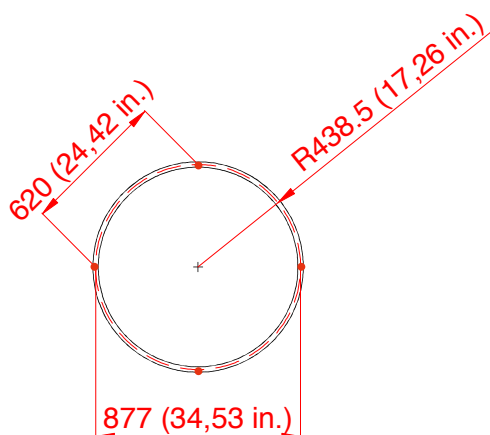
### DOPPIO



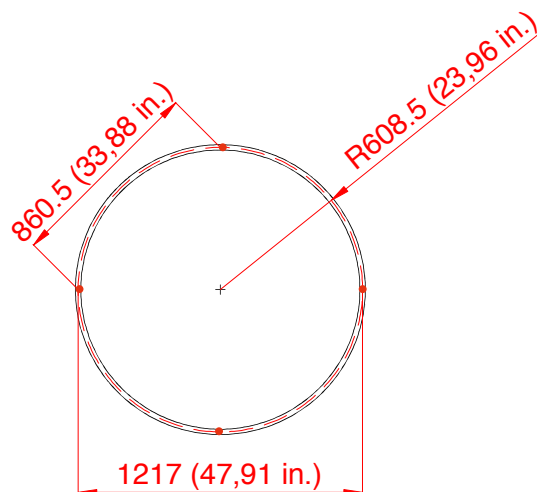
#### Light fixtures with steel cable suspension or ceiling spacers

Depending on the size of light fixture:

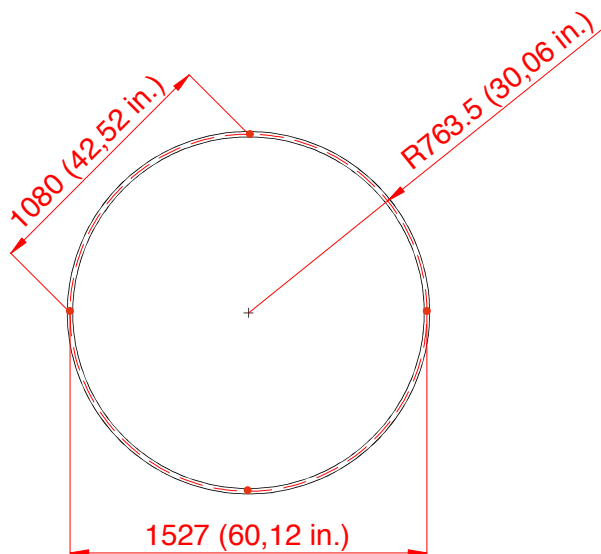
4, respectively 6 anchor points for suspension.



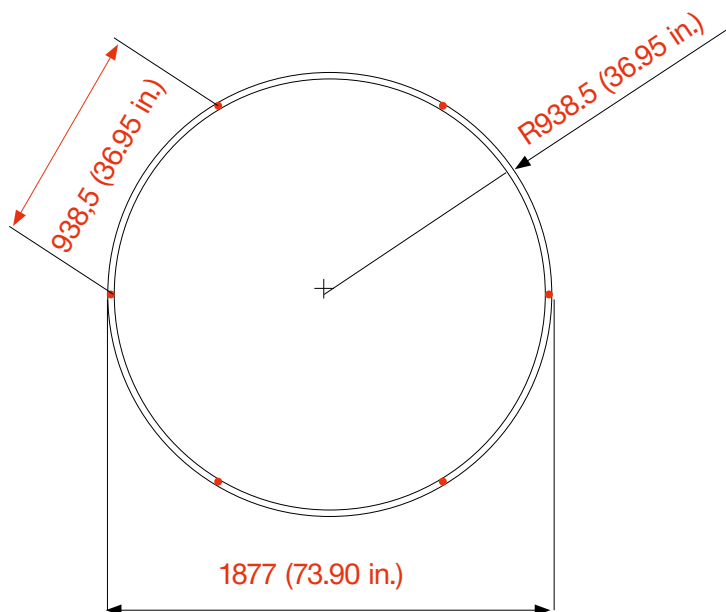
DOPPIO Ø 900 mm / 35.4"  
4 Suspension points



DOPPIO Ø 1240 mm / 48.8"  
4 Suspension points



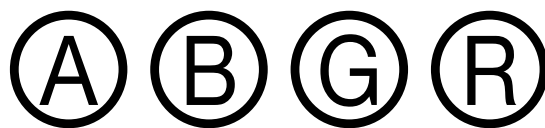
DOPPIO Ø 1550 mm / 61.0"  
4 Suspension points



DOPPIO Ø 1900 mm / 74.8"  
6 Suspension points

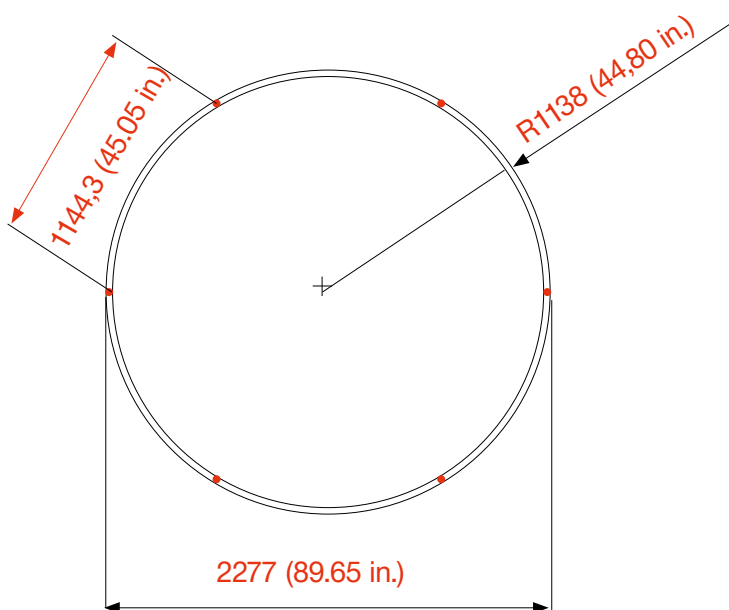
## Assembly instruction

### DOPPIO

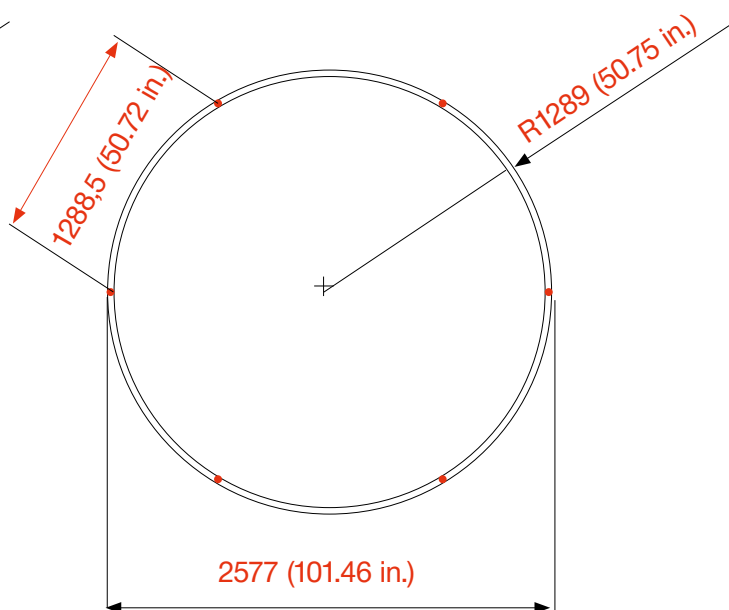


**Light fixtures with steel cable suspension or ceiling spacers**

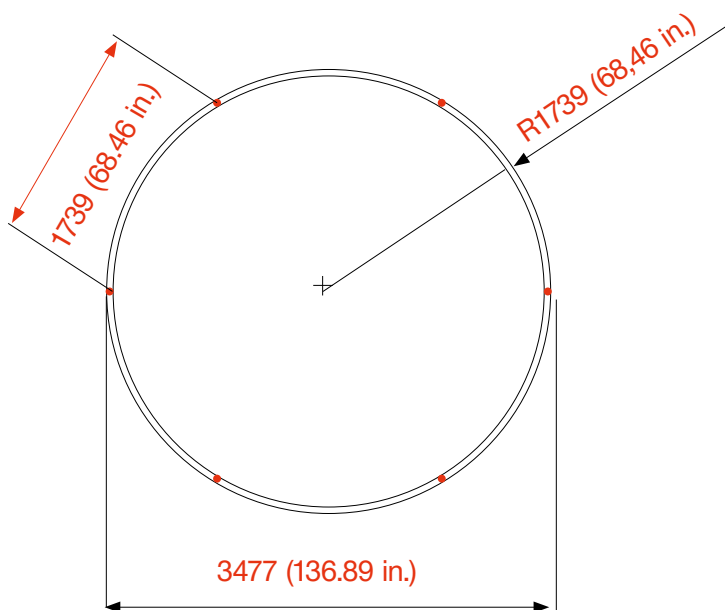
6 anchor points for suspension.



DOPPIO Ø 2300 mm / 90.5"  
6 Suspension points



DOPPIO Ø 2600 mm / 102.3"  
6 Suspension points

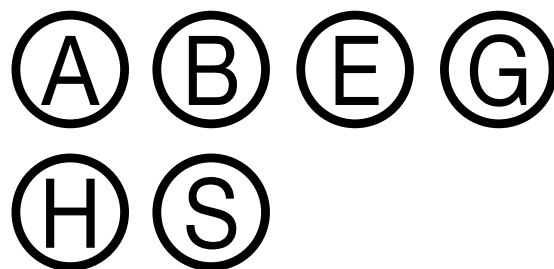


DOPPIO Ø 3500 mm / 137.8"  
6 Suspension points



# Assembly instruction

## DOPPIO

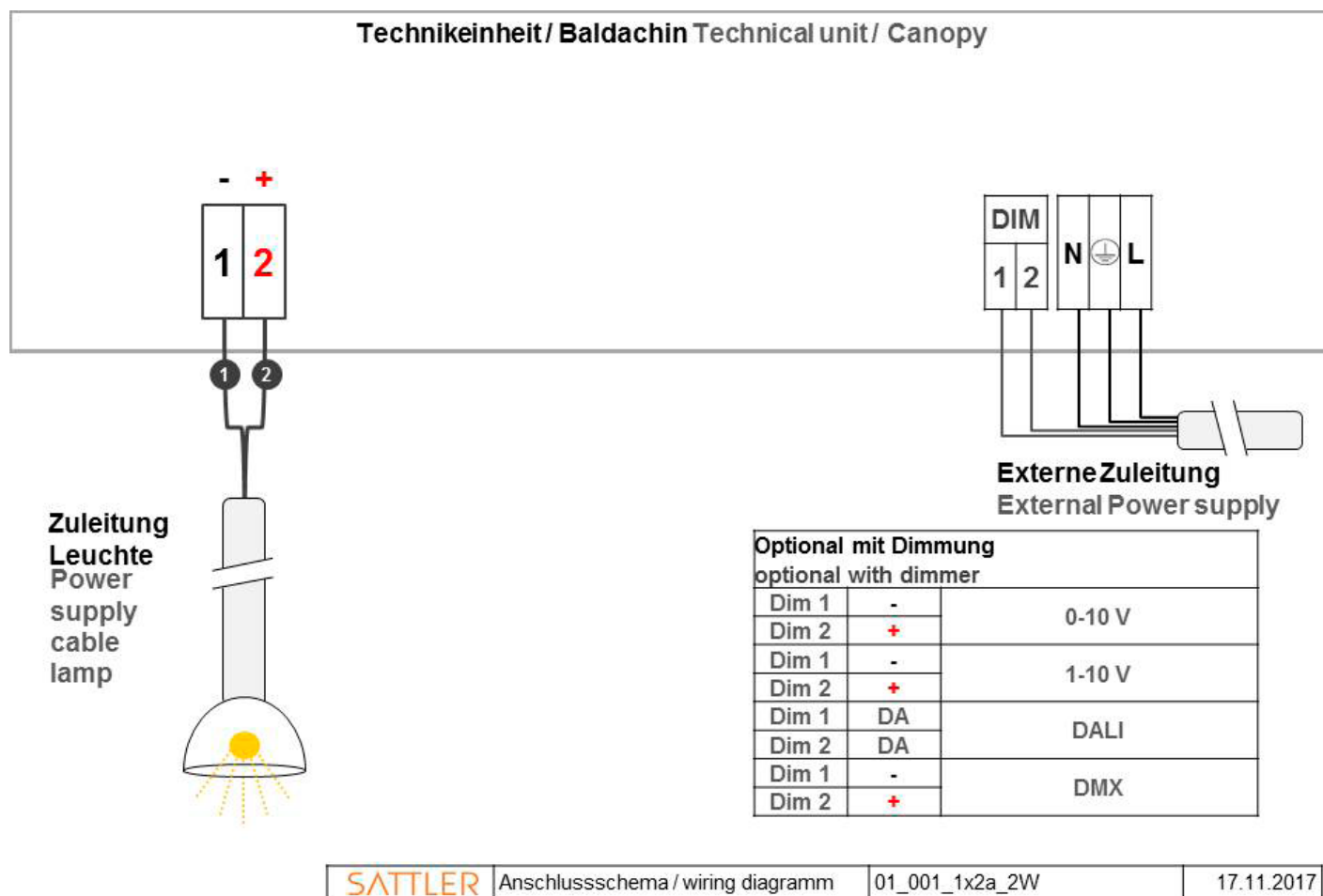


**Wiring diagram** 1 x LED white direct

Ø 900, 1240, 1550, 1900 mm

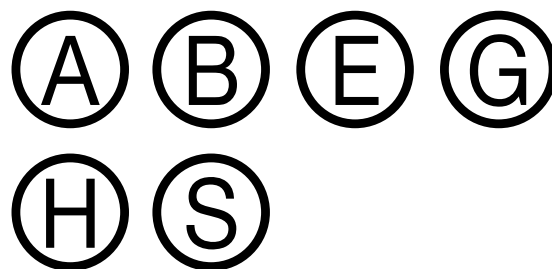
**North America:** ETL

Ø 900, 1240, 1550 mm



# Assembly instruction

## DOPPIO

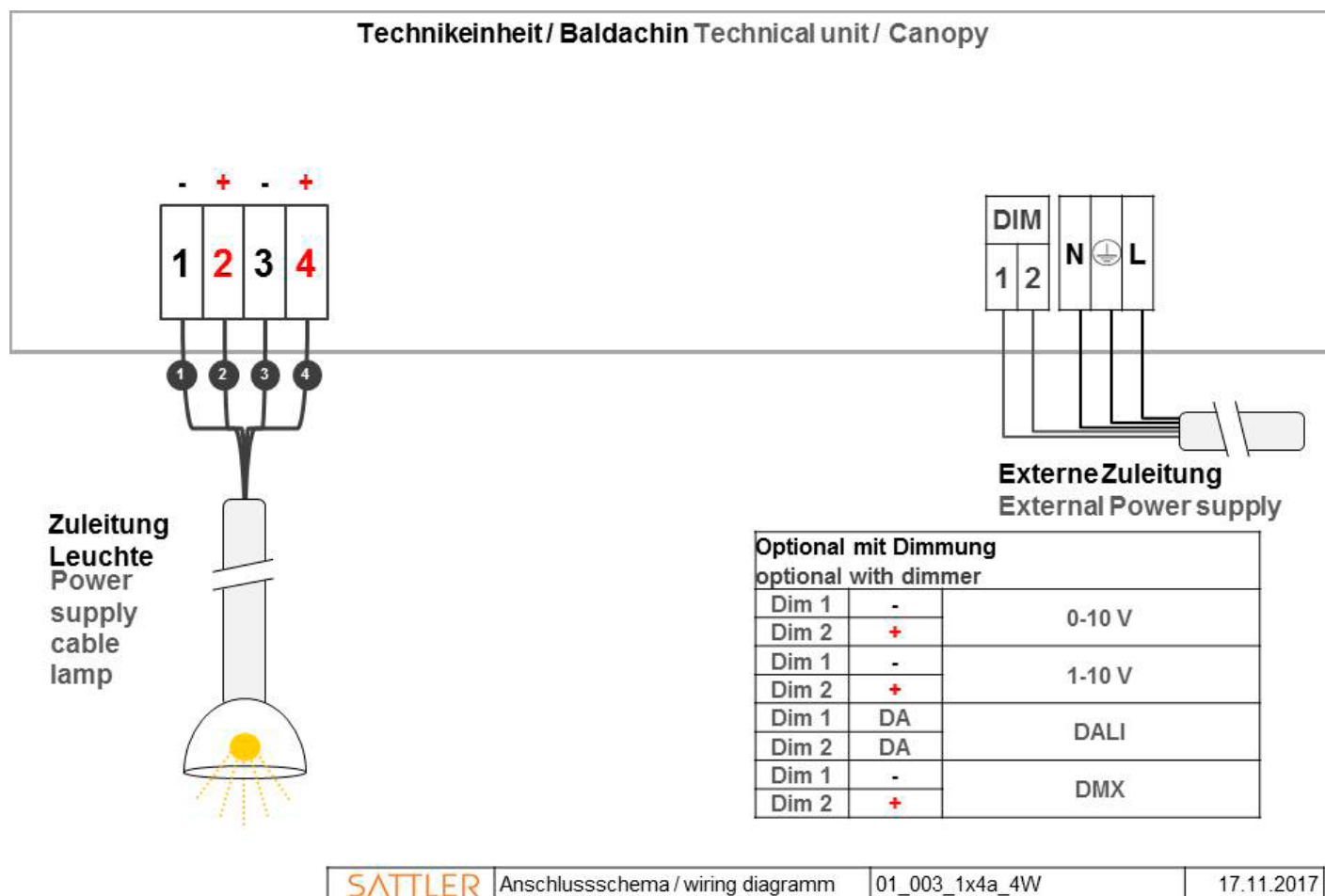


**Wiring diagram** 1 x LED white direct

Ø 2300, 2600 mm

**North America:** ETL

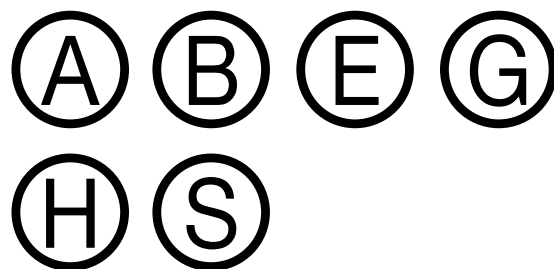
Ø 1900, 2300, 2600 mm



# Assembly instruction

## DOPPIO

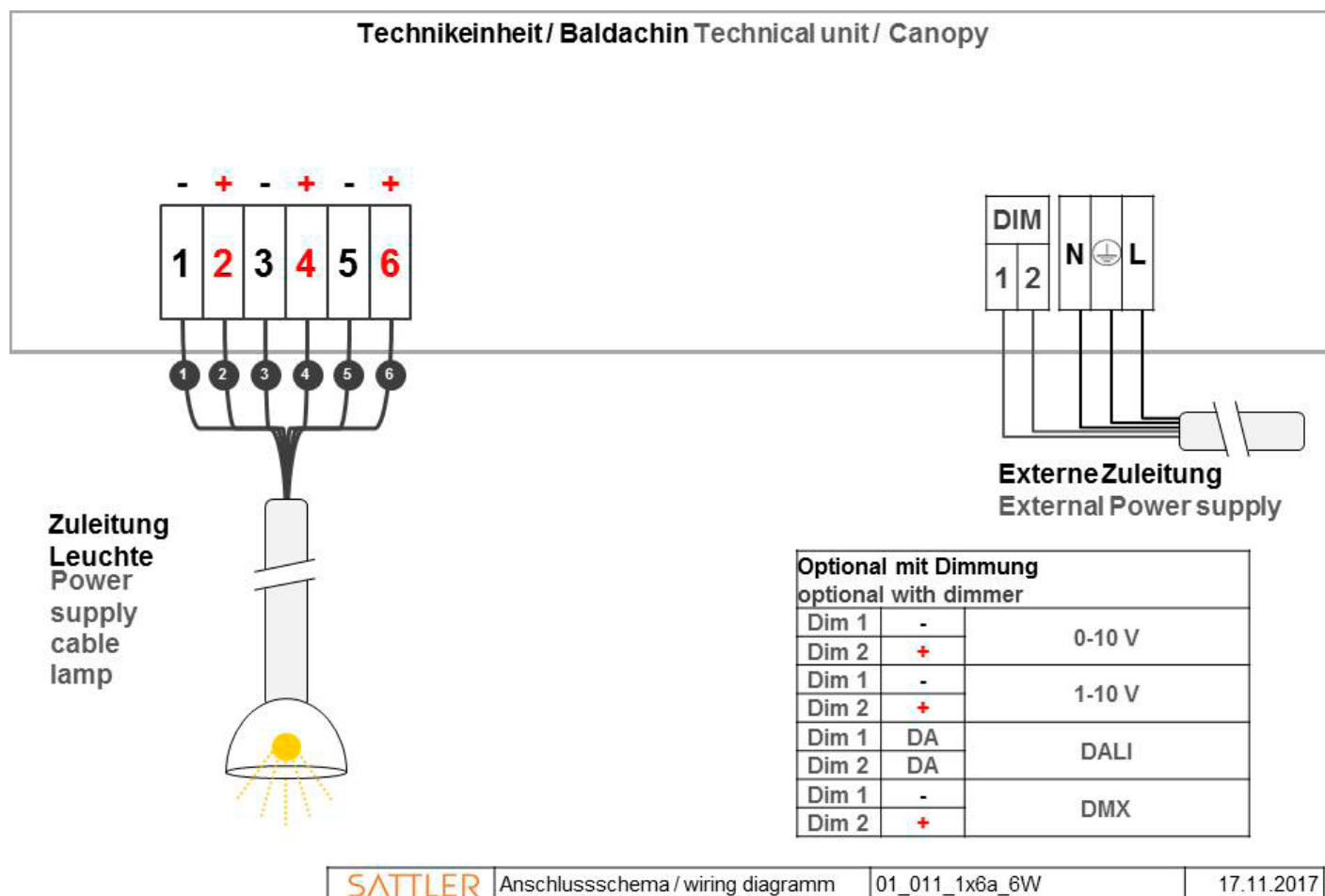
**Wiring diagram** 1 x LED white direct



Ø 3500 mm

**North America:** ETL

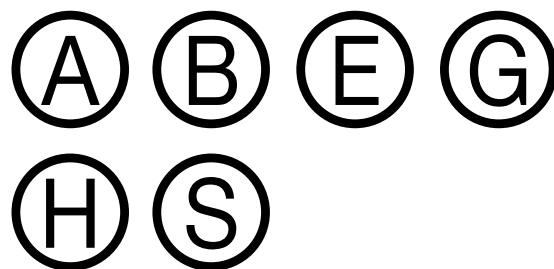
Ø 3500 mm



## Assembly instruction

### DOPPIO

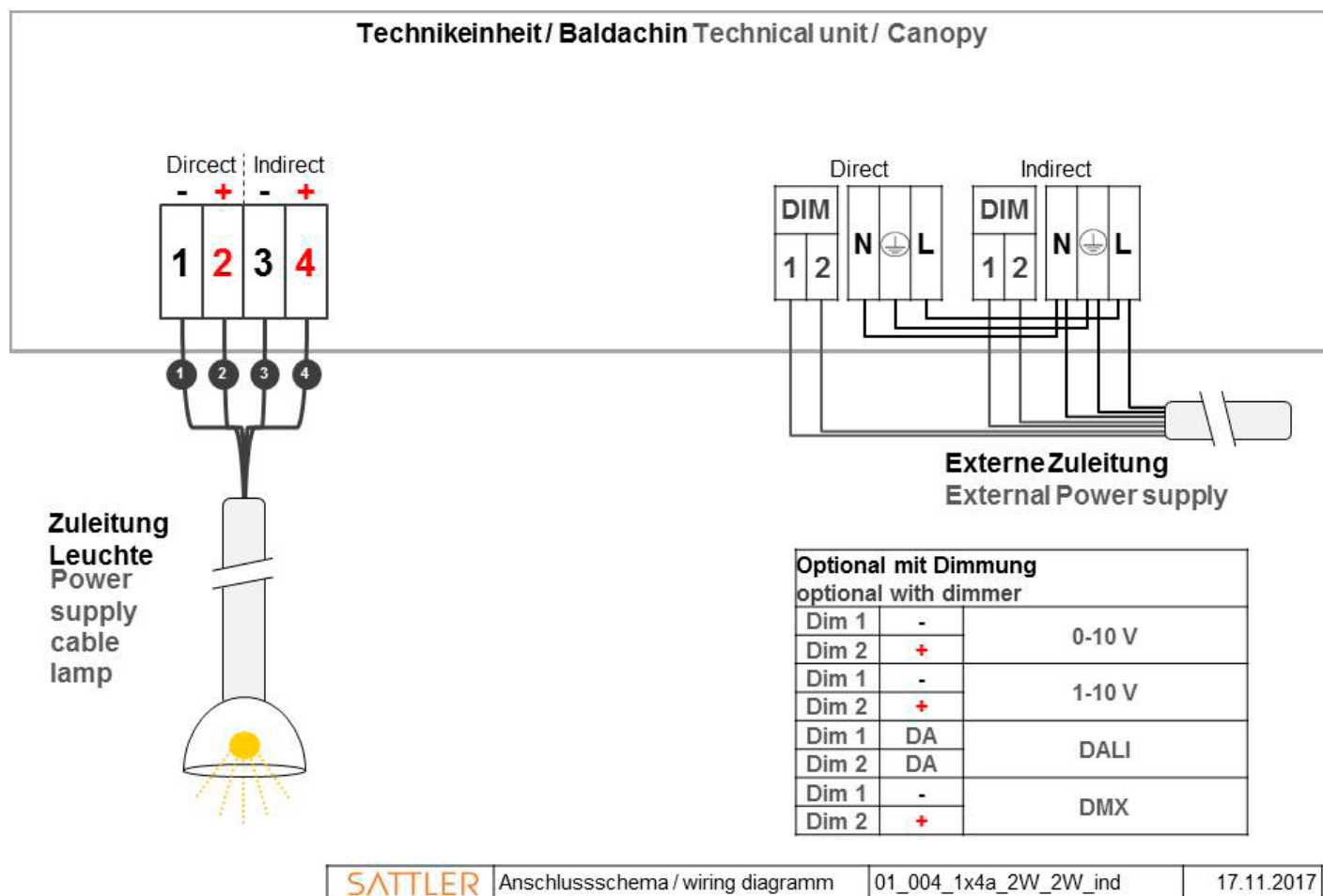
**Wiring diagram**    **1 x LED white direct**  
**1 x LED white indirect**



Ø 900, 1240, 1550, 1900

**North America:**    **ETL**

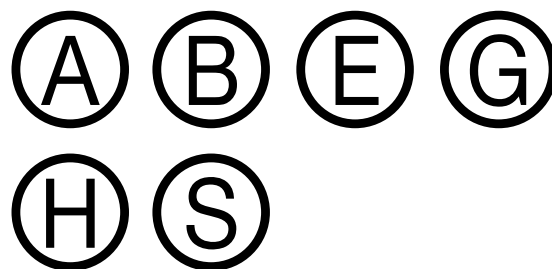
Ø 900, 1240, 1550



## Assembly instruction

### DOPPIO

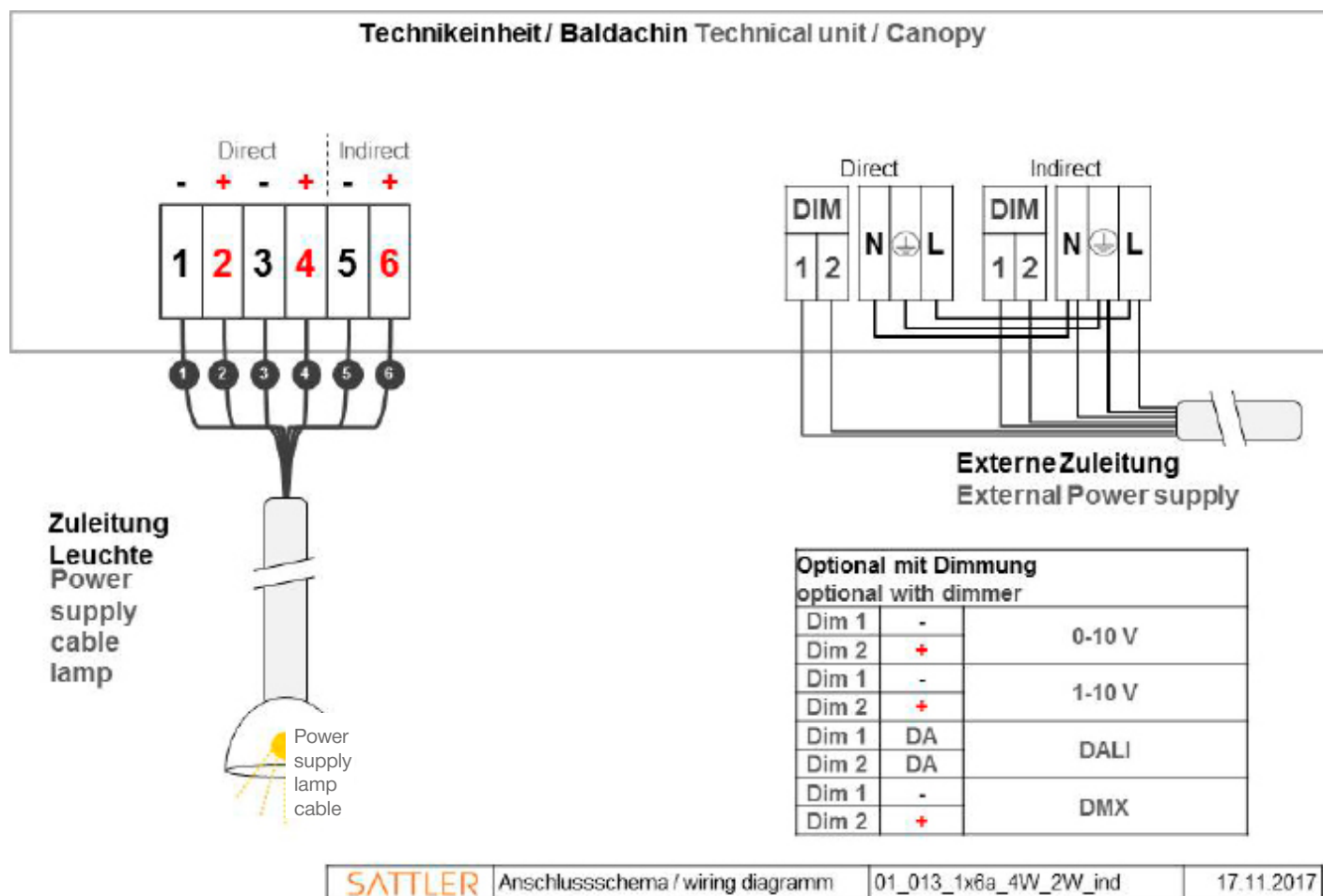
**Wiring diagram** 1 x LED white direct  
1 x LED white indirect



Ø 2300, 2600

**North America:** ETL

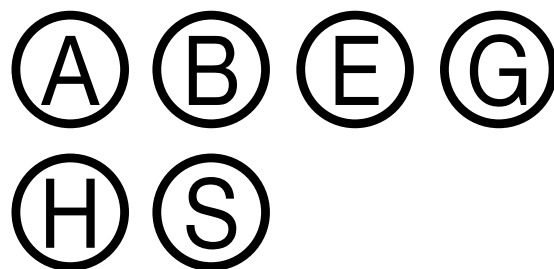
Ø 1900, 2300, 2600



# Assembly instruction

## DOPPIO

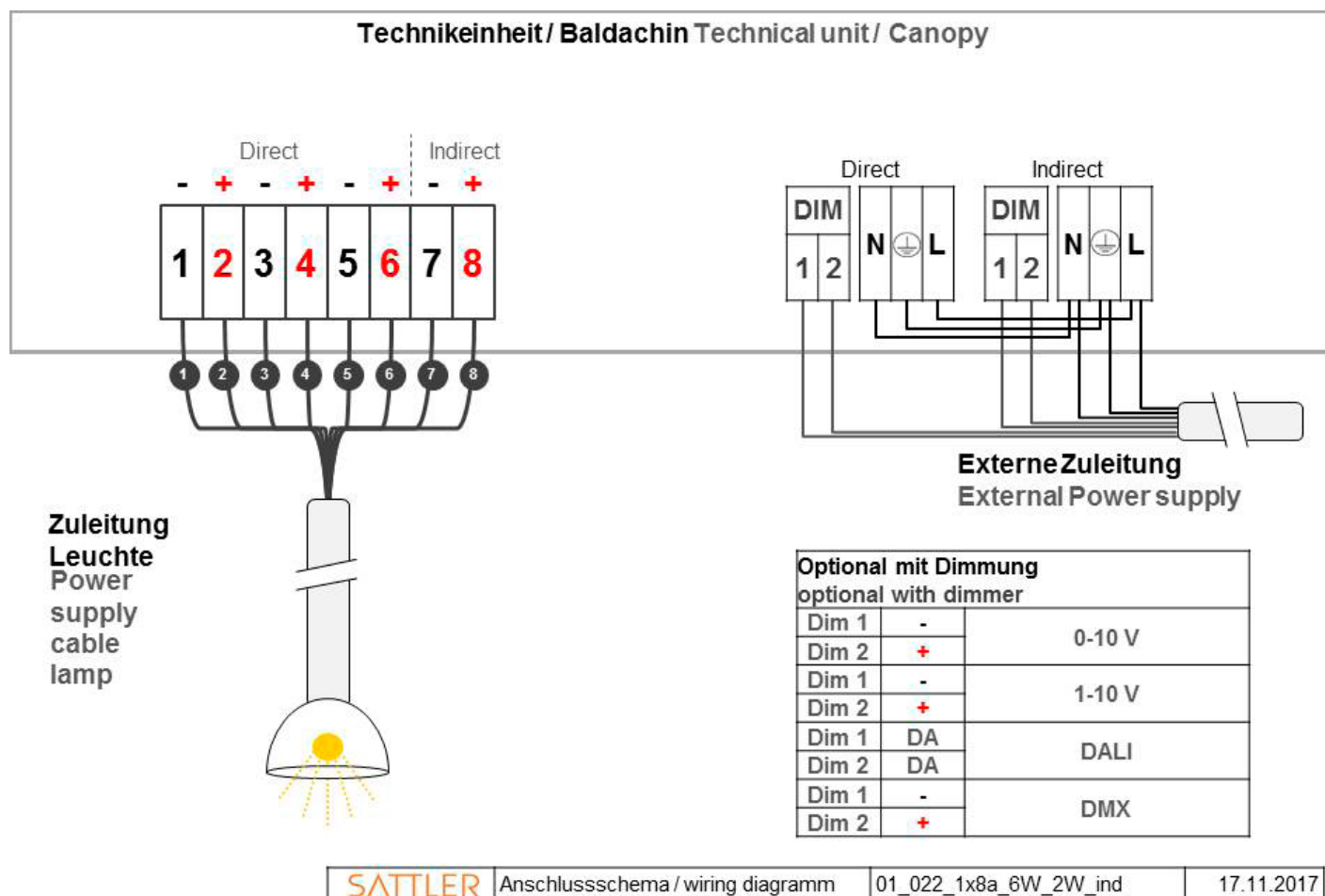
**Wiring diagram**    **1 x LED white direct**  
                               **1 x LED white indirect**



Ø 3500

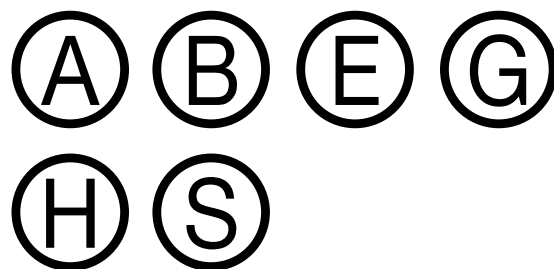
**North America:**    **ETL**

Ø 3500



## Assembly instruction

### DOPPIO

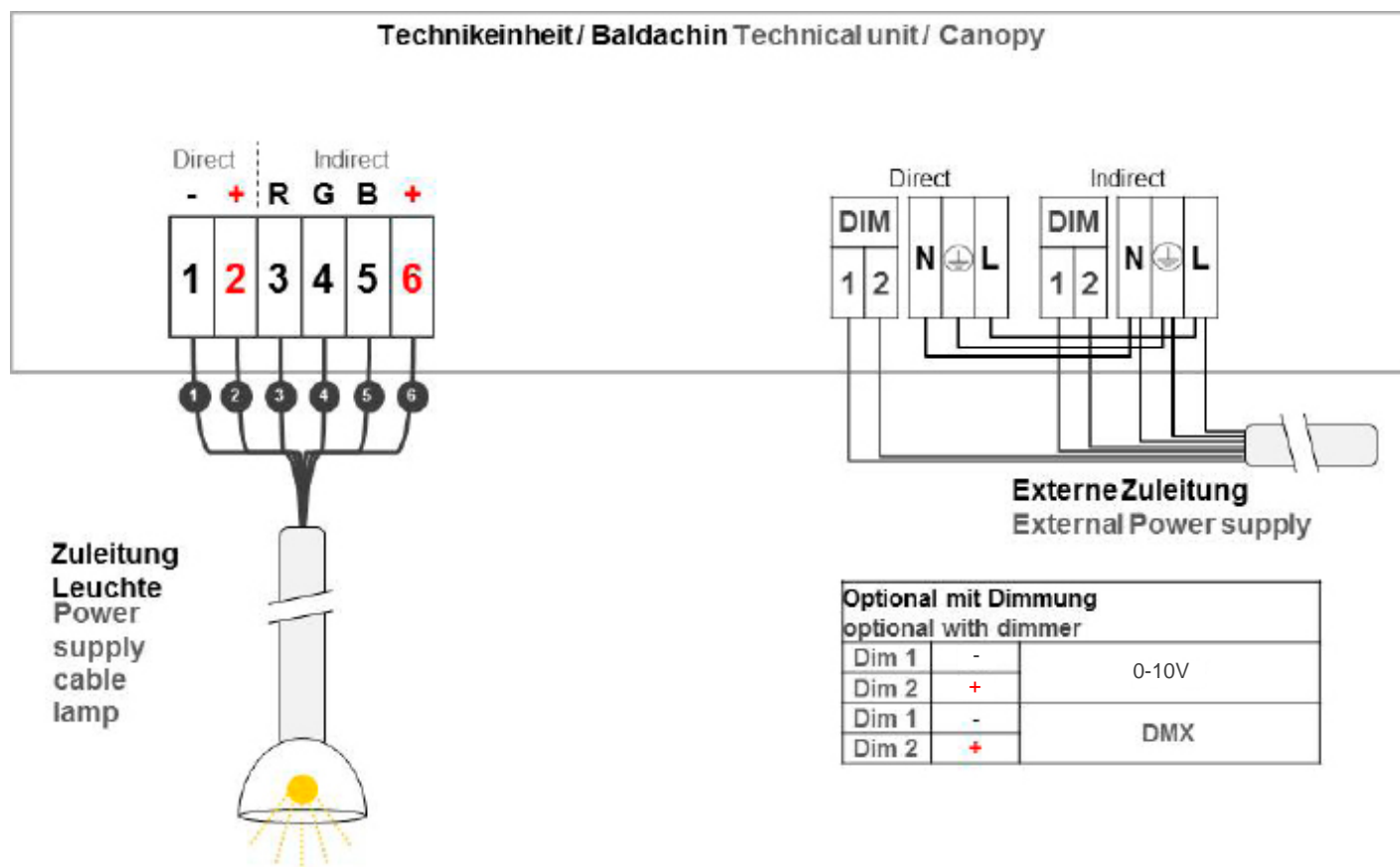


**Wiring diagram**    **1 x LED white direct (0-10V dimming)**  
**1 x LED RGB indirect (DMX dimming)**

Ø 900, 1240, 1550, 1900

**North America:**    **ETL**

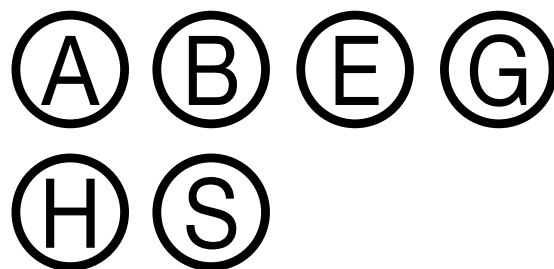
Ø 900, 1240, 1550





# Assembly instruction

## DOPPIO

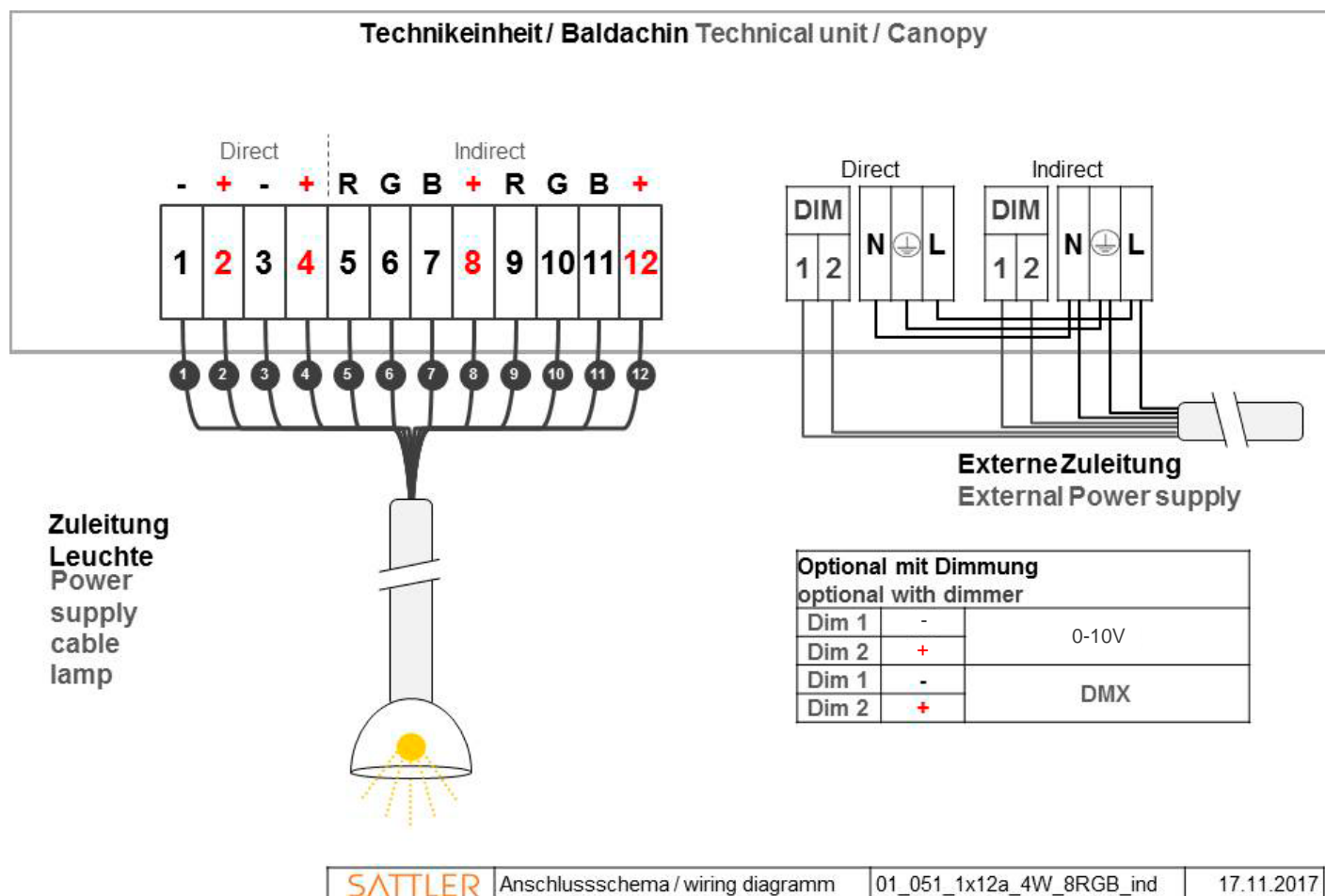


**Wiring diagram**    **1 x LED white direct (0-10V dimming)**  
**1 x LED RGB indirect (DMX dimming)**

Ø 2300, 2600 mm

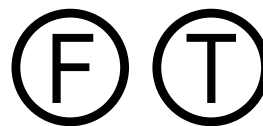
**North America:**    **ETL**

Ø 1900, 2300, 2600 mm



## Assembly instruction

### DOPPIO

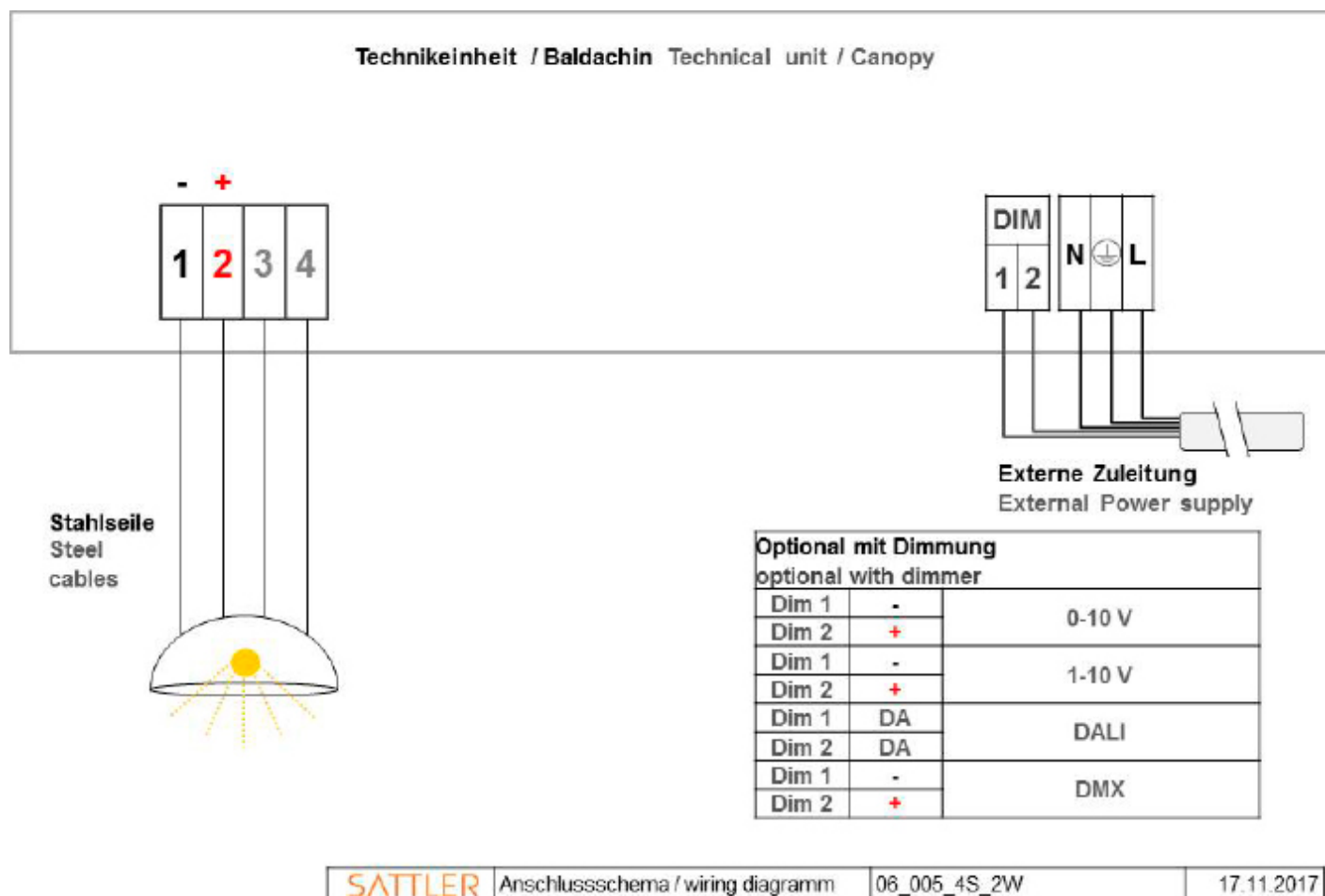


**Wiring diagram 1 x LED white direct**

Ø 900, 1240, 1550 mm

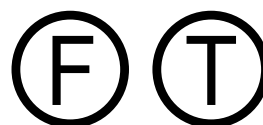
**North America: ETL**

Ø 900, 1240, 1550 mm



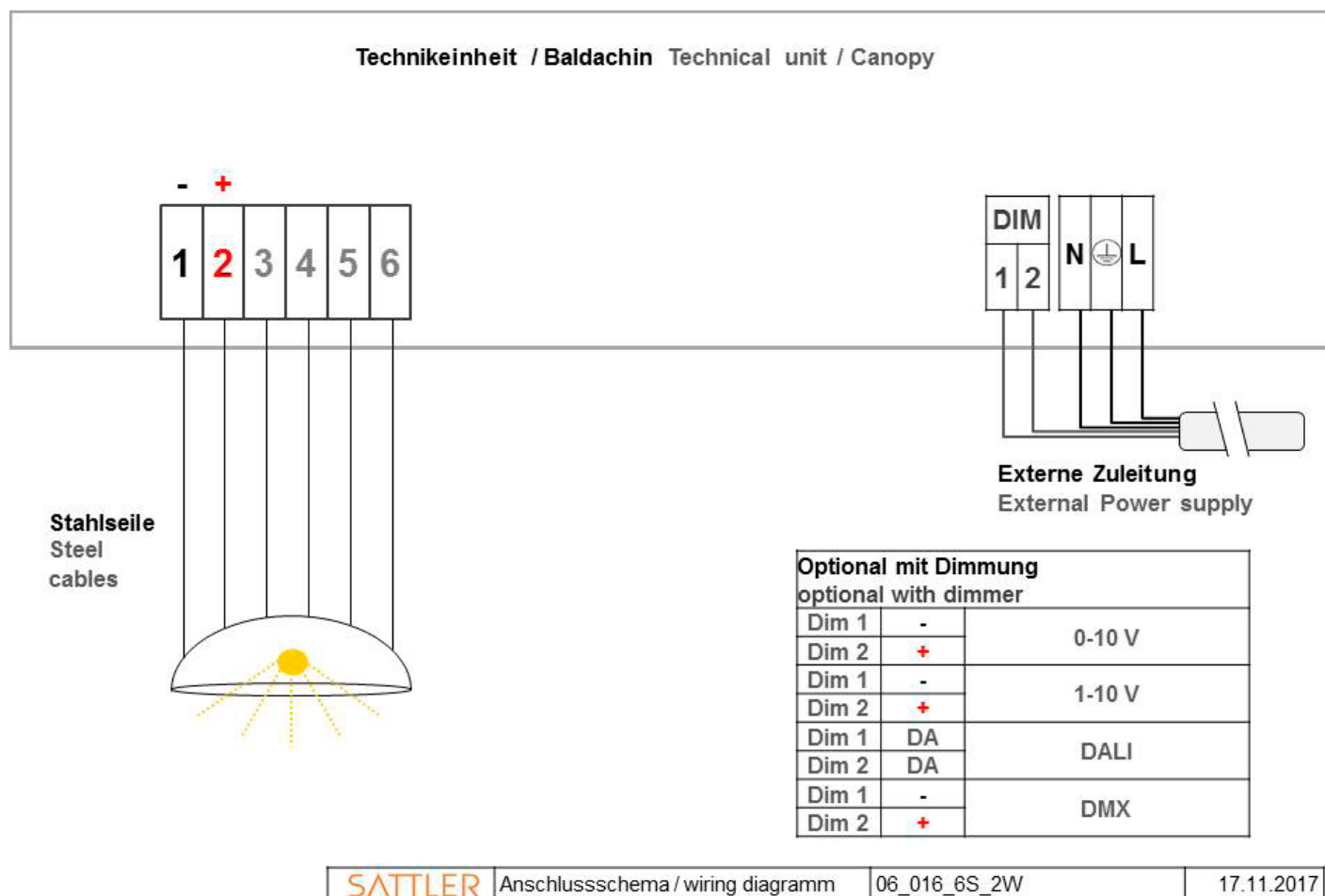
# Assembly instruction

## DOPPIO



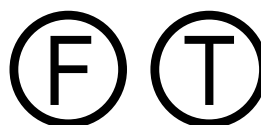
### Wiring diagram 1 x LED white direct

Ø 1900 mm



# Assembly instruction

## DOPPIO

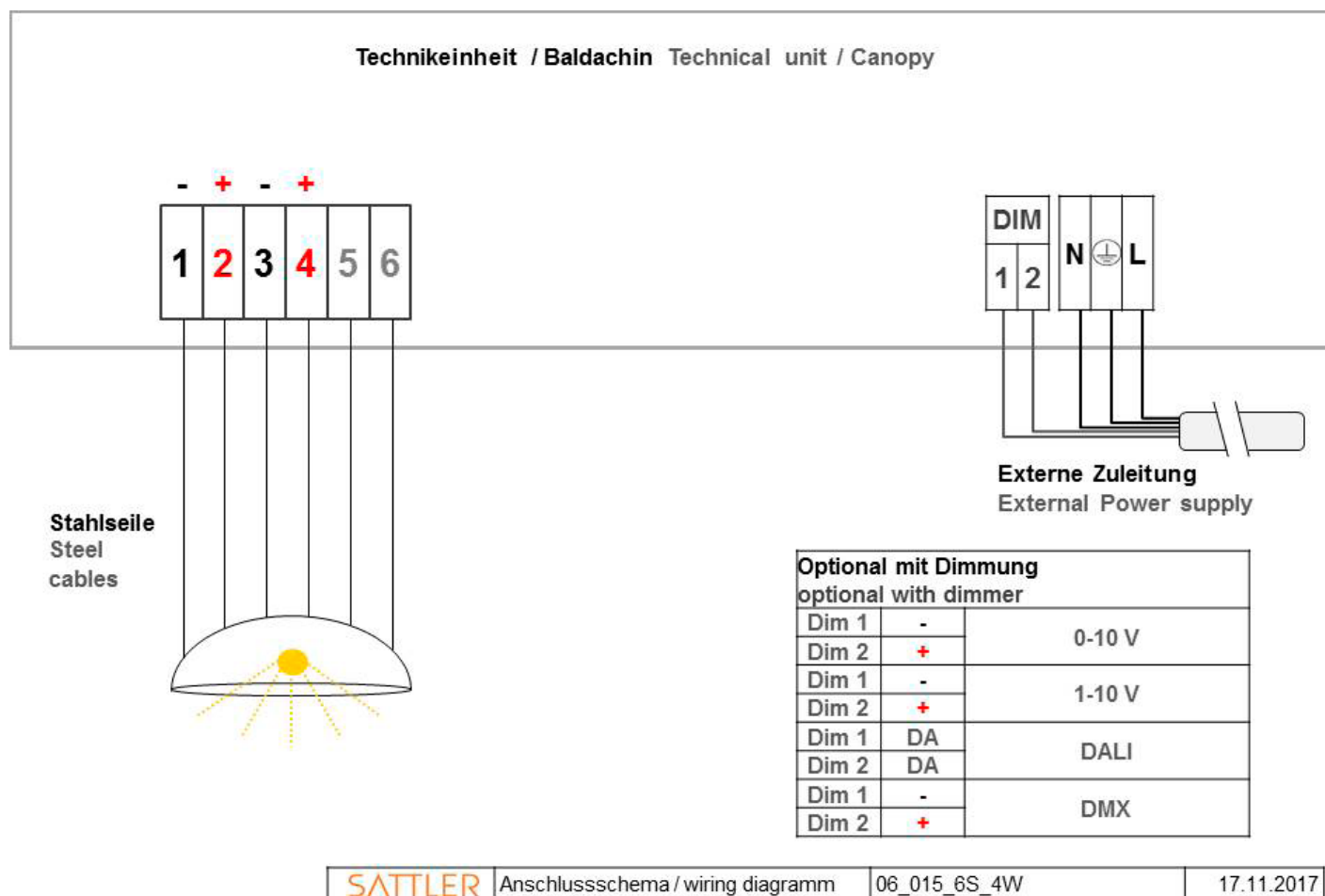


**Wiring diagram 1 x LED white direct**

Ø 2300, 2600 mm

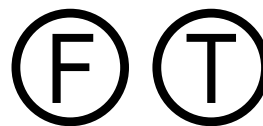
**North America: ETL**

Ø 1900, 2300, 2600 mm



# Assembly instruction

## DOPPIO

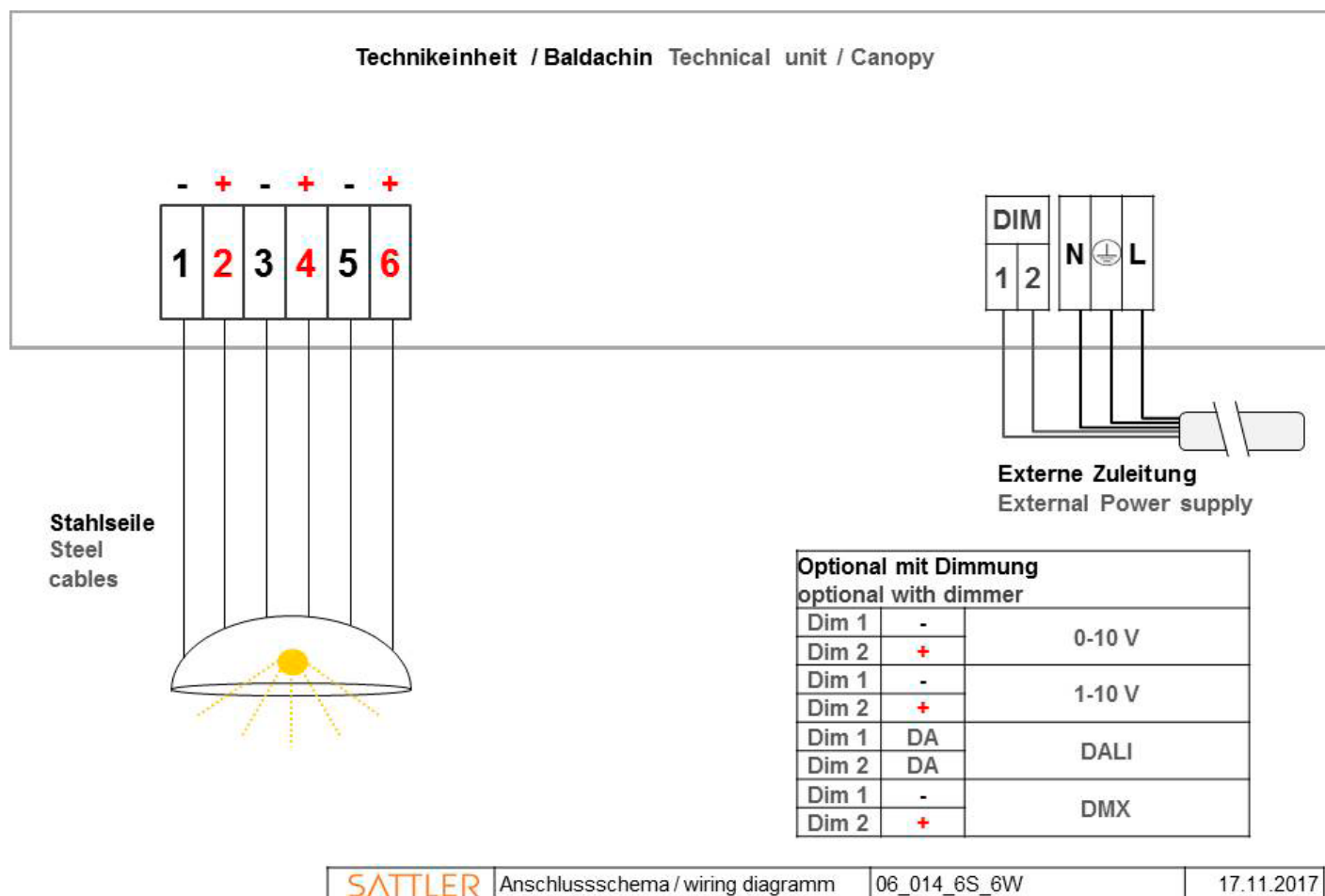


**Wiring diagram 1 x LED white direct**

Ø 3500 mm

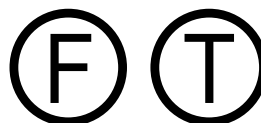
**North America: ETL**

Ø 3500 mm



# Assembly instruction

## DOPPIO

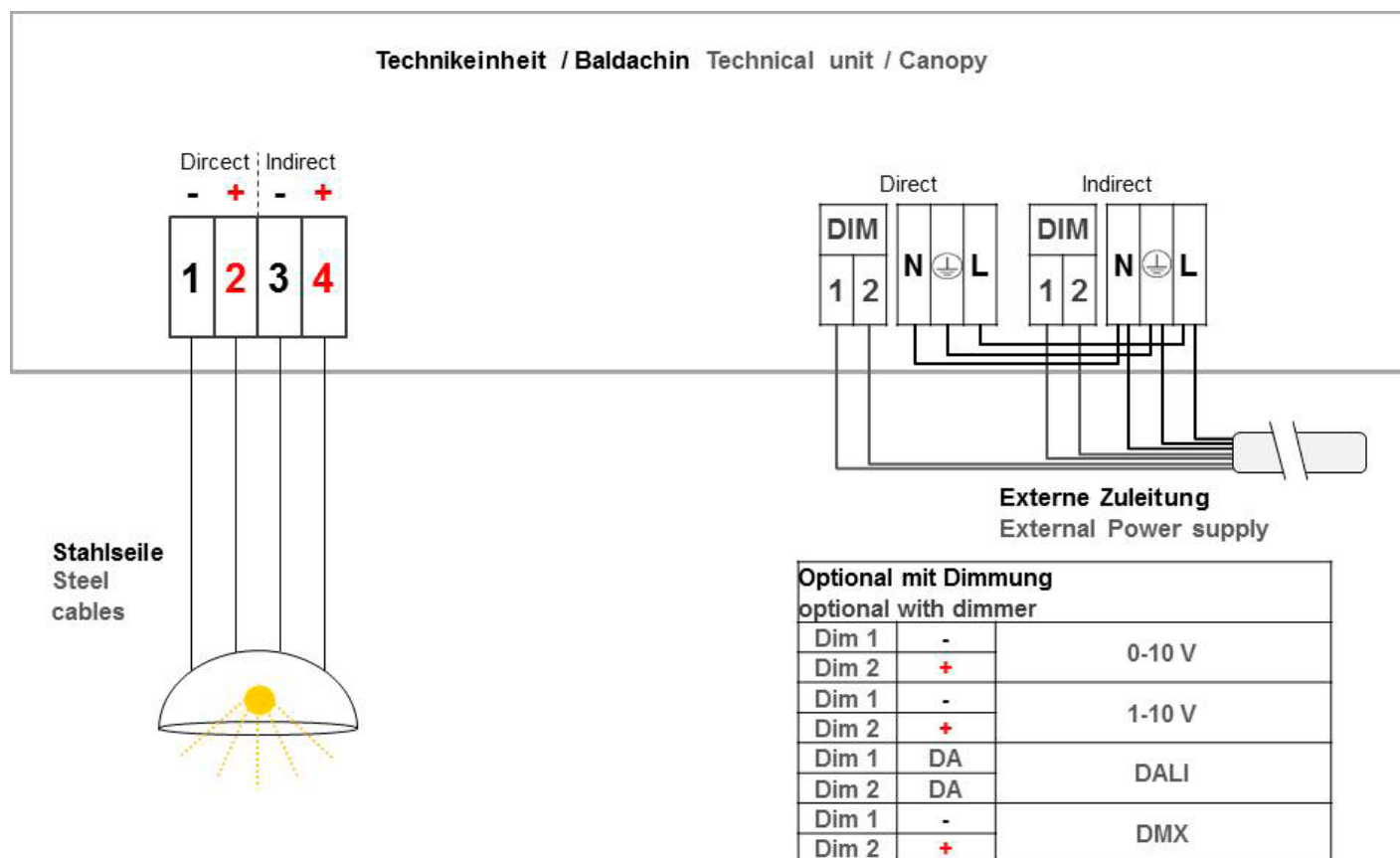


**Wiring diagram**    **1 x LED white direct**  
**1 x LED white indirect**

Ø 900, 1240, 1550

**North America:**    **ETL**

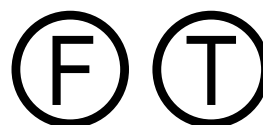
Ø 900, 1240, 1550



SATTLER	Anschlusschema / wiring diagramm	06_006_4S_2W_2W_ind	17.11.2017
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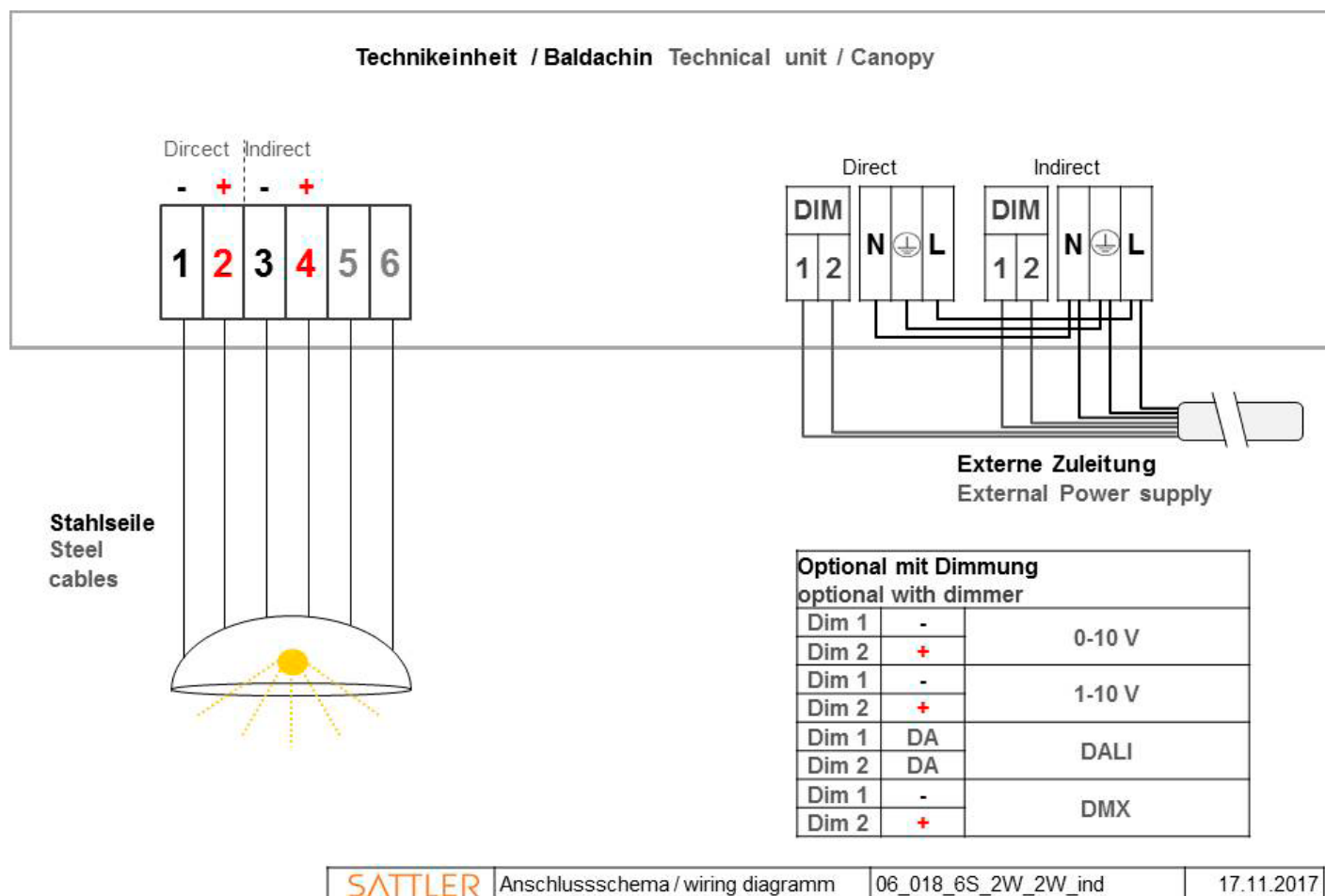
# Assembly instruction

## DOPPIO



**Wiring diagram**    **1 x LED white direct**  
                               **1 x LED white indirect**

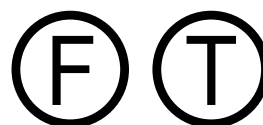
Ø 1900





# Assembly instruction

## DOPPIO

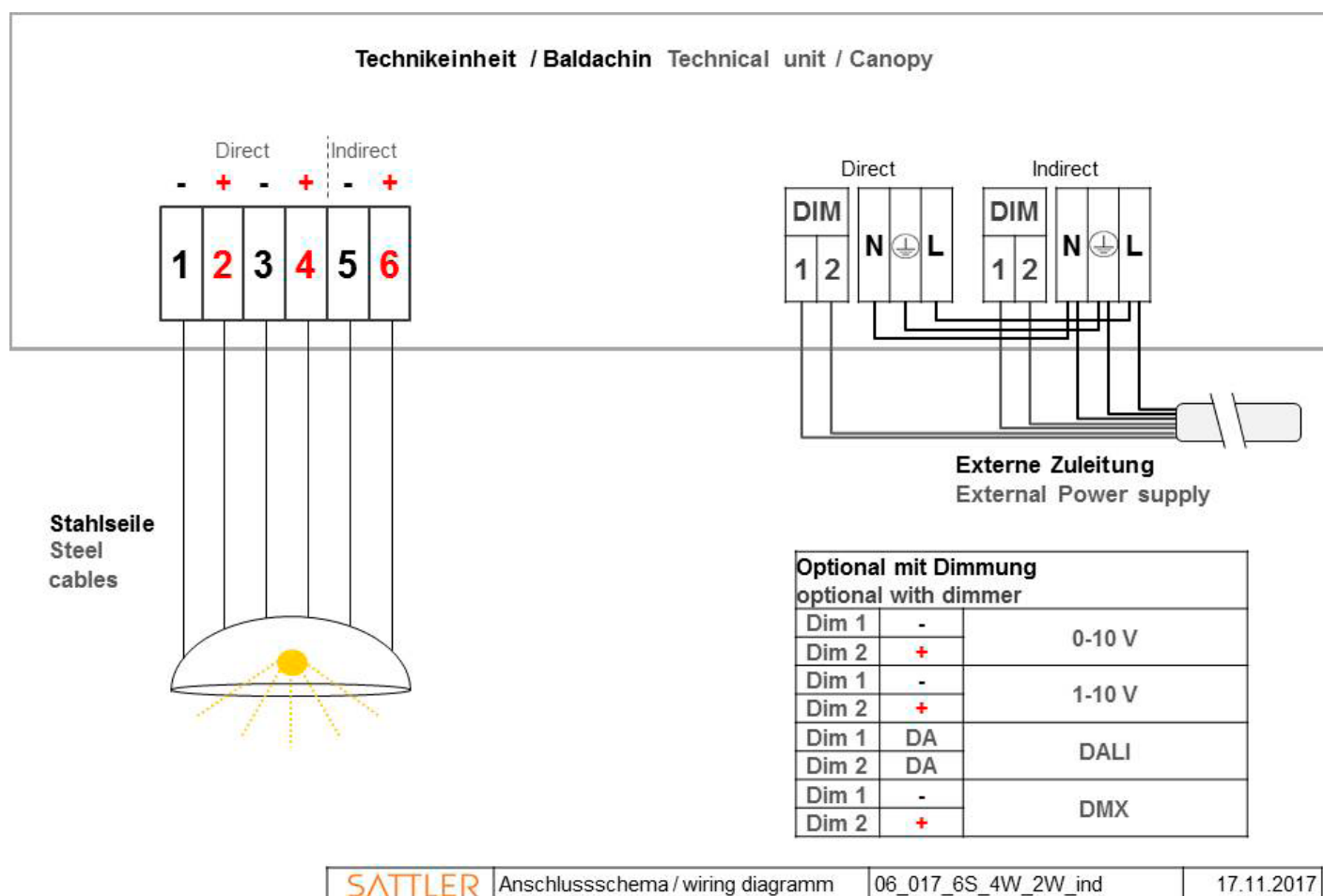


**Wiring diagram**    **1 x LED white direct**  
                               **1 x LED white indirect**

Ø 2300, 2600 mm

**North America:    ETL**

Ø 1900, 2300, 2600 mm



# Assembly instruction

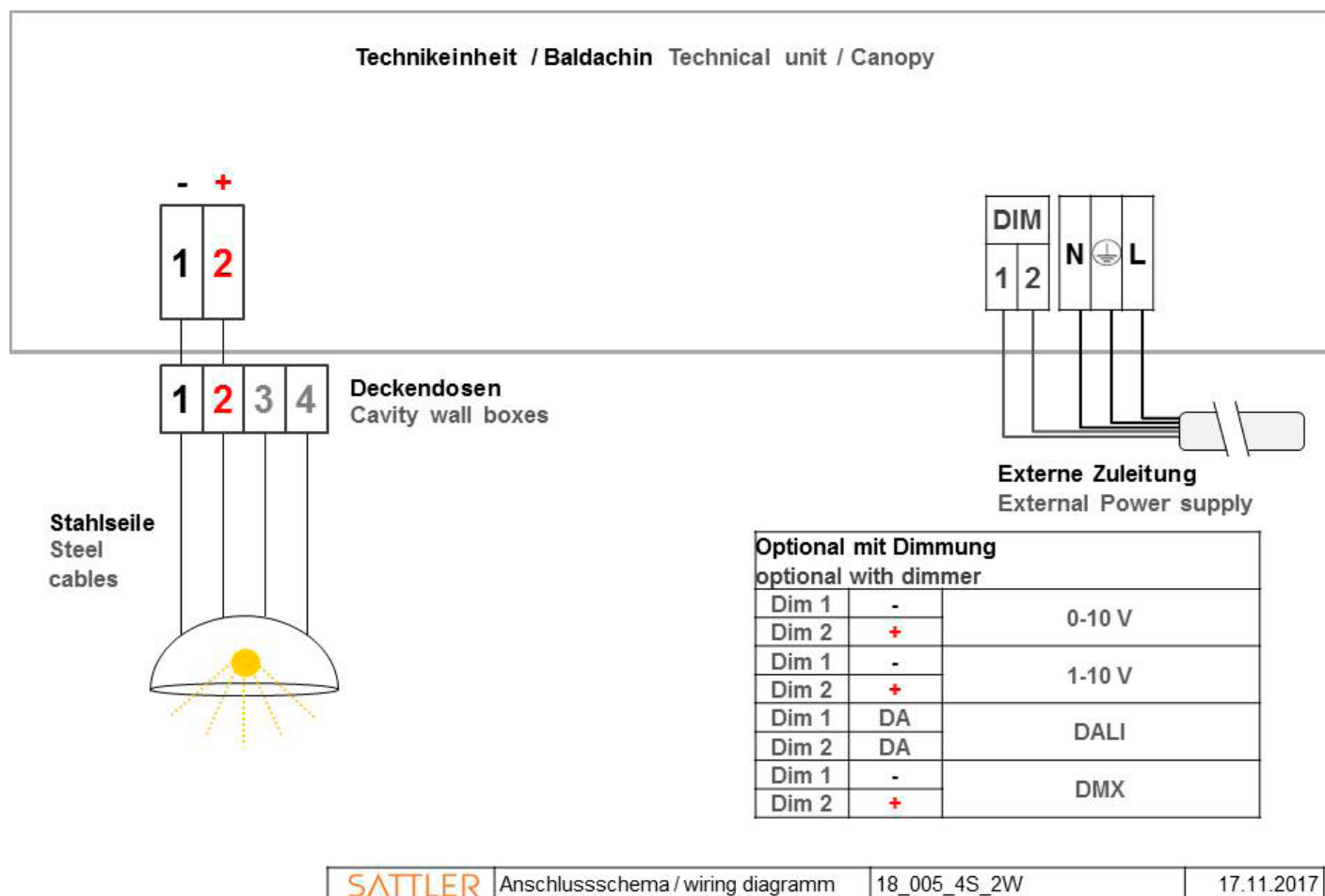
## DOPPIO



**Wiring diagram 1 x LED white direct**

Ø 900, 1240, 1550 mm

**North America: ETL**



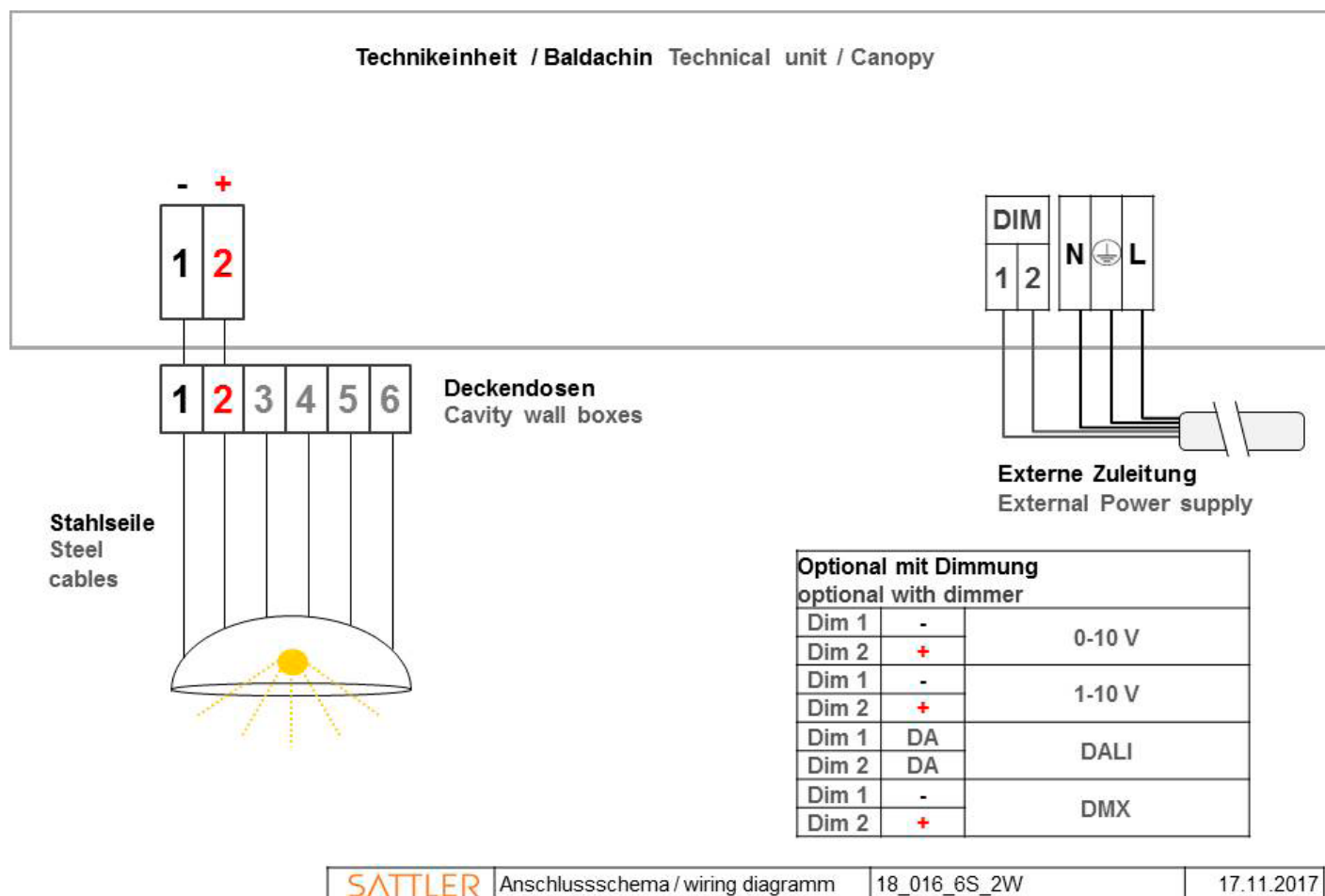
# Assembly instruction

## DOPPIO



### Wiring diagram 1 x LED white direct

Ø 1900 mm



# Assembly instruction

## DOPPIO

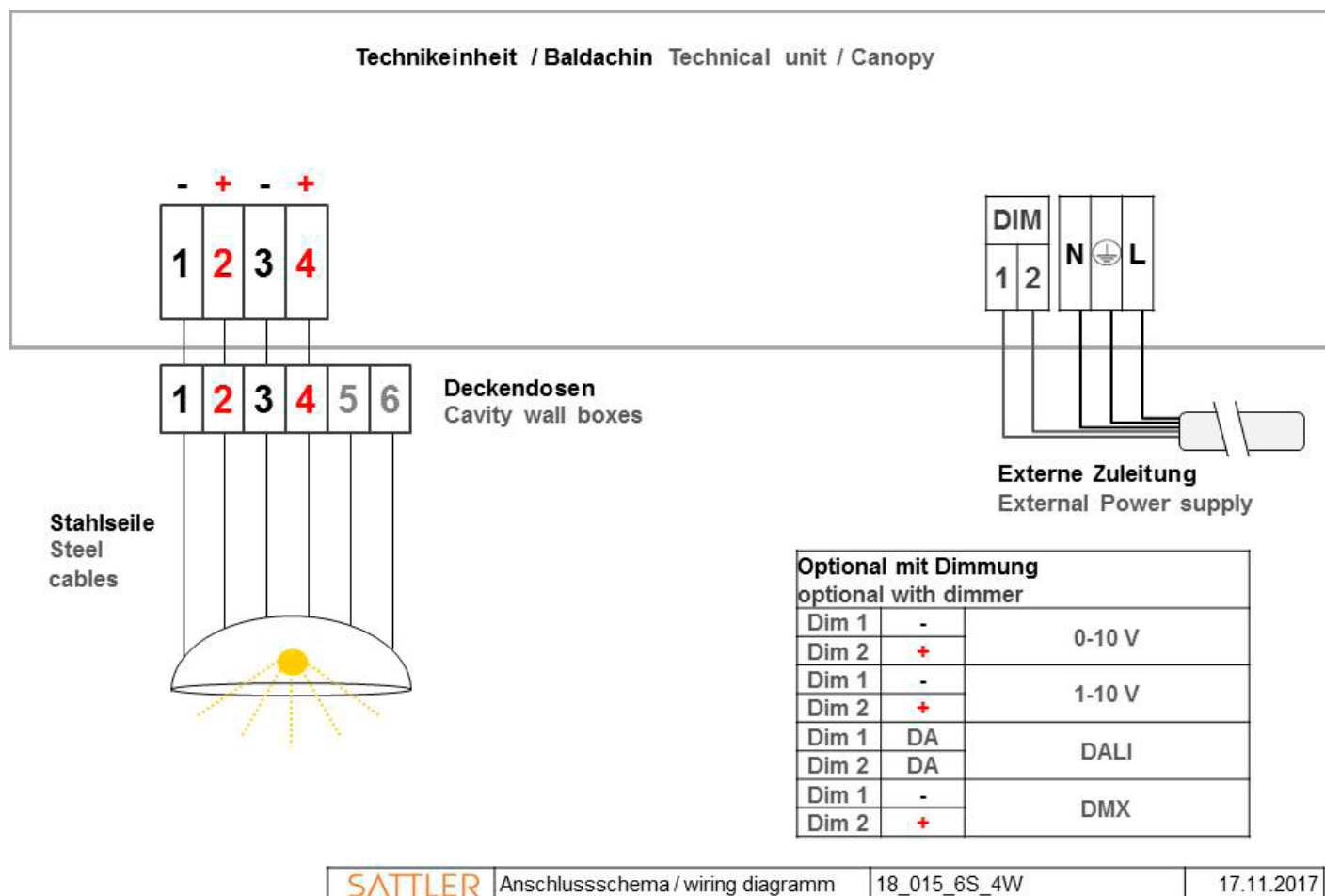


**Wiring diagram 1 x LED white direct**

Ø 2300, 2600 mm

**North America: ETL**

Ø 1900, 2300, 2600 mm



# Assembly instruction

## DOPPIO

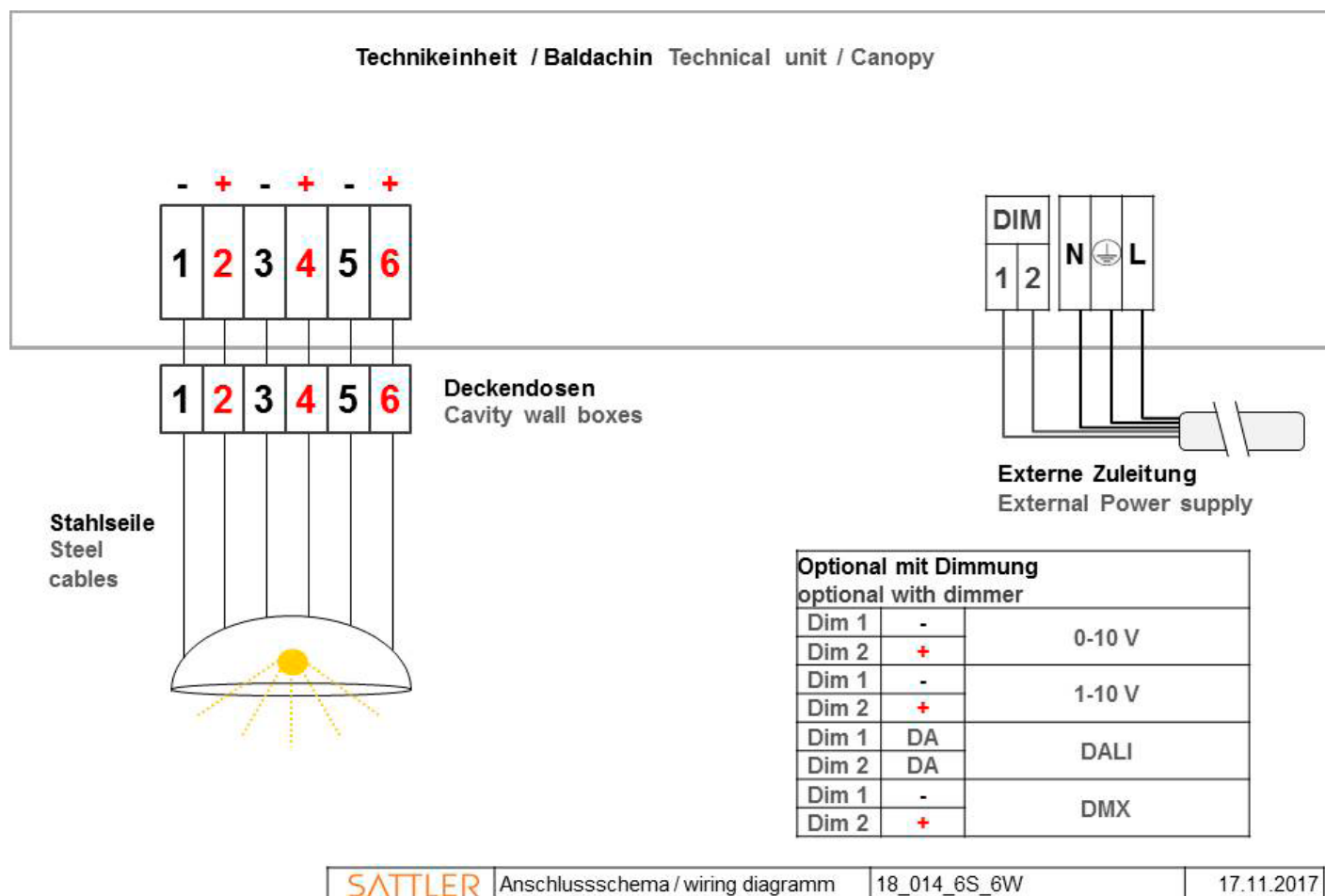


**Wiring diagram 1 x LED white direct**

Ø 3500 mm

**North America: ETL**

Ø 3500 mm



## Assembly instruction

### DOPPIO

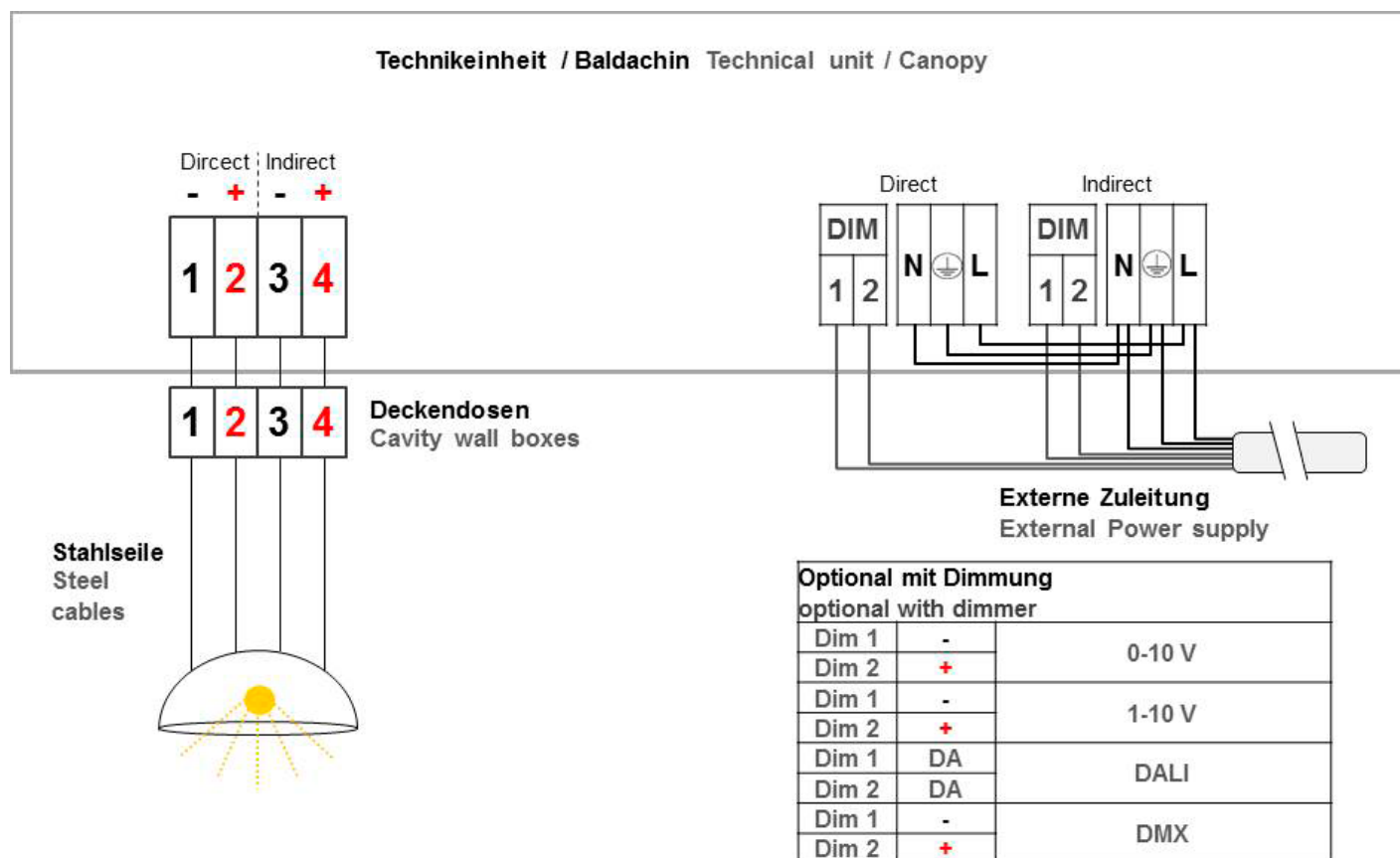


**Wiring diagram**    **1 x LED white direct**  
**1 x LED white indirect**

Ø 900, 1240, 1550

**North America:**    **ETL**

Ø 900, 1240, 1550



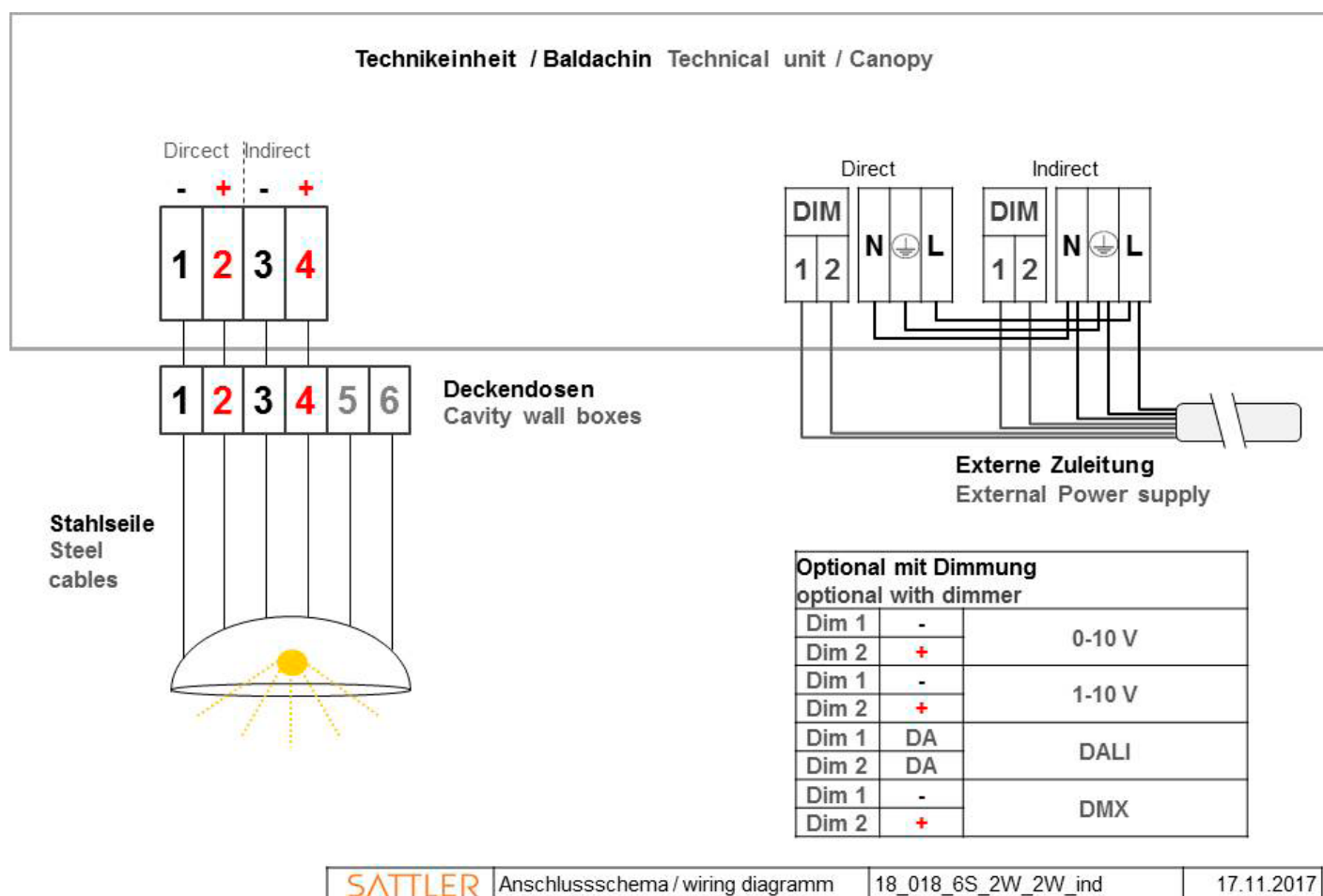
# Assembly instruction

## DOPPIO



**Wiring diagram**    **1 x LED white direct**  
**1 x LED white indirect**

Ø 1900 mm



# Assembly instruction

## DOPPIO

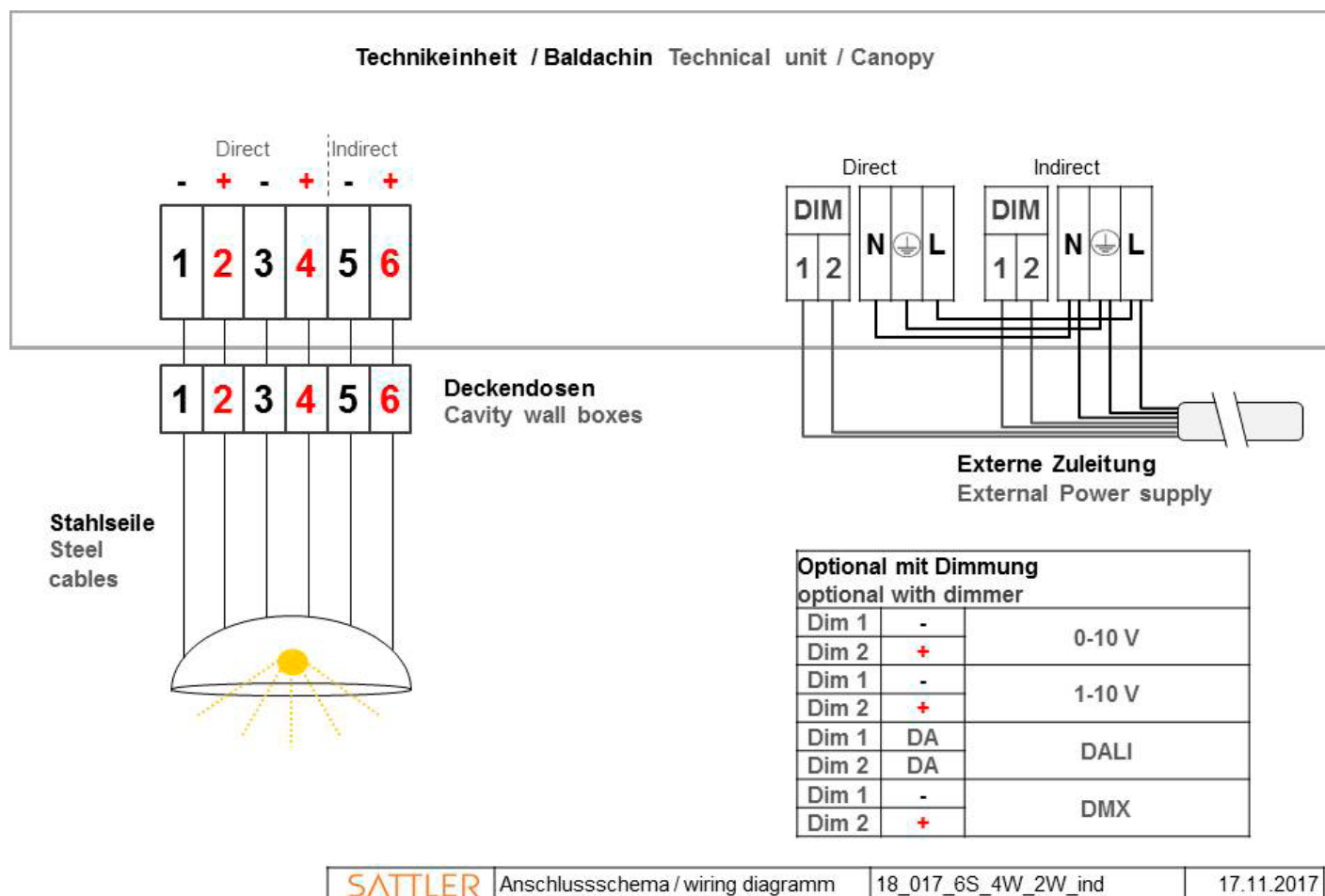


**Wiring diagram**    **1 x LED white direct**  
**1 x LED white indirect**

Ø 2300, 2600 mm

**North America:**    **ETL**

Ø 1900, 2300, 2600 mm



Bei allen weiteren Fragen rund um die Montage stehen wir Ihnen gerne zur Verfügung.

**Technik Hotline: +49 (0) 7161 / 920 193-0    Infos Internet: [www.sattler-lighting.com](http://www.sattler-lighting.com)**

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