Date: 20. 10. 2017

Assembly instruction

DOPPIO LINEA

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 electricinonly.
- 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

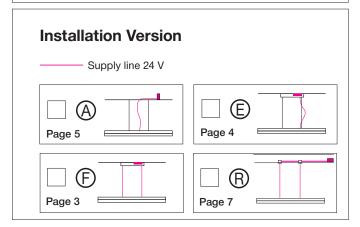


· Verify power is off at installation time.

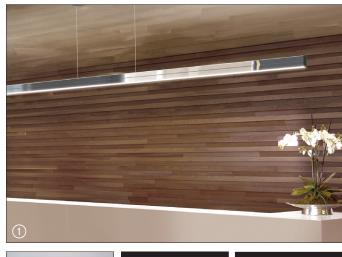
Enocean interface

· Injuries caused by electricity are possible

Technical Data: | Device sticker | | Device sticker



Bom.	(Caps)	Part	Quantity
Packag	e 1 Aluminium housing	1	1 unit
Package 2			
	Canopy incl. power supply unit	2	1 unit
	External power supply unit	3	1 unit
\boxtimes	White gloves Screwdriver Assembly instructions		1 pair 1 unit 1 unit
Dimmer			
	Not dimmable		
	DMX interface		
	Dimmer interface 0-10V		
	Dimmer interface 1-10V		
	DALI interface		
	LUTRON interface		
	Bluetooth interface		









Date: 20. 10. 2017

Assembly instruction

DOPPIO LINEA

Warranty

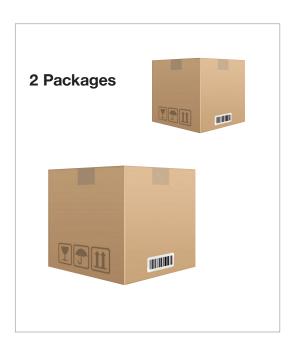
Use the enclosed assembly instructions for the installation of the lighting fixture. Noncompliance of the assembly instruction will automatically void the warranty.

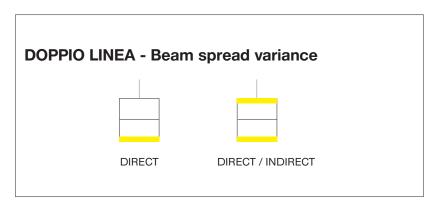
The persons assigned with the installation of the product are instructed to handle it with the utmost care and safety in order to avoid damages to third parties.

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



DOPPIO Direct/indirect, assembly version (F)





Consignment consists of 2 packages

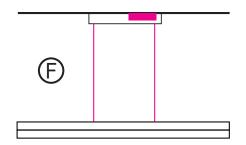
Unpack light fixture and check the parts list to make sure it is complete. Use the provided gloves for fitting the light fixture in order to keep polished surfaces and the acrylic glass clean.

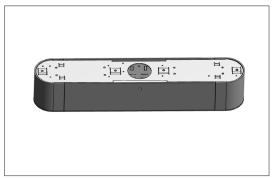
Do not remove the protective foil until after assembly.

Assembly instruction

Date: 20. 10. 2017

DOPPIO LINEA





Canopy DBL 390 up to L= 2140
Canopy DBL 490 in combination with RGB up to L= 1550



Canopy DBL 390/490 finish white (11)

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



Mounting of the canopy



Make sure the ceiling has sufficient support capacity!

- Fit the base of the canopy to the ceiling with the 4 mounting points. Use a Laser Level to align the luminaire(s) and precisely mark the anchoring points. Drill 6mm / 1/4" Ø 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 10).

Connection of the light fixture

 Fix light fixtures with 2 steel cables to the canopy whit the provided cable grippers and align by applying light pressure on the cable grippers.



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



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

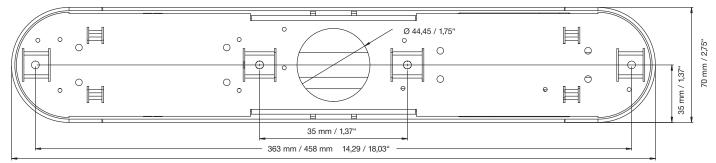
- Lock the cable grippers in place by use of the insulated knurled nut.
- 5. Shorten excessive steel cables in order to prevent short circuits.



Shortened cables can only be replaced by the factory!

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

If two or more fixtures are intended to be installed as a continuous run, a coupler is required. This coupler requires CUSTOM fixtures that need to be factory-quoted and ordered as such. WARNING: The coupler cannot be added to standard fixtures on site.



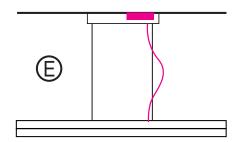
392 mm / 486 mm 15,43 / 19,13°

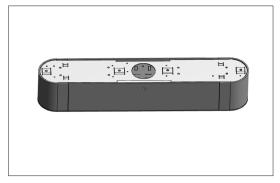
Date: 20. 10. 2017

Assembly instruction

Links first one with an array

DOPPIO LINEA





Canopy DBL 390 up to L= 2140 Canopy DBL 490 in combination with RGB up to L= 1550 $\,$



Canopy DBL 390/490 finish white (11)

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



Mounting of the canopy



Make sure the ceiling has sufficient support capacity!

- Fit the base of the canopy to the ceiling with the 2 mounting points. Use a Laser Level to align the luminaire(s) and precisely mark the anchoring points. Drill 6mm / 1/4" Ø holes and anchor to fasten canopy to ceiling.
- 2. Connect the power supply and the control signal to the terminal block of the ceiling plate (see wiring diagram page 10).

Connection of the light fixture

Fix light fixtures with 2 steel cables to the canopy whit the provided cable grippers and align by applying light pressure on the cable grippers.



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

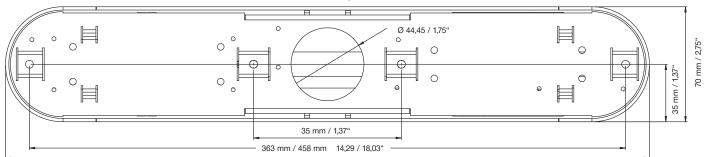
- 4. Lock the cable grippers in place by use of the insulated knurled nut.
- 5. Shorten excessive steel cables in order to prevent short circuits.



Shortened cables can only be replaced by 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 (p.9)
- Mount the canopy cover and fasten it with screws from the side.
- 8. Check whether the light fixture is functioning.

If two or more fixtures are intended to be installed as a continuous run, a coupler is required. This coupler requires CUSTOM fixtures that need to be factory-quoted and ordered as such. WARNING: The coupler cannot be added to standard fixtures on site.



392 mm / 486 mm 15,43 / 19,13

Assembly instruction

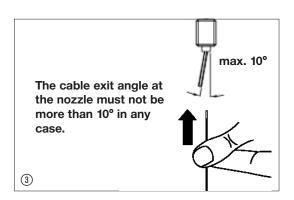
DOPPIO LINEA

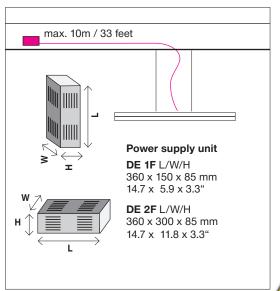
ceiling external power supply unit





308 mm / 12.1"





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



Date: 20. 10. 2017

Mounting of the cable grippers, installation of the light fixture



Make sure the ceiling has sufficient support capacity!

- Use a Laser Level to align the luminaire(s) and precisely mark the anchoring points. Mark the 2 anchor positions of the light fixture on the ceiling according to the drawing in the next page. Steel cable distance 308 mm / 12.1"
- 2. Drill 6mm / 1/4" \emptyset holes, insert anchors and fasten steel cable holders, see pictures $\bigcirc + \bigcirc$.



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 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 its desired position and adjust by applying light pressure on the steel cable grippers.
- If provided, lock the steel cable grippers in place by use of the insulated knurled nut.
- 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 (p.9), then fasten the housing of the operating unit again.
- 10. Check whether the light fixture is functioning.

If two or more fixtures are intended to be installed as a continuous run, a coupler is required. This coupler requires CUSTOM fixtures that need to be factory-quoted and ordered as such. WARNING:

The coupler cannot be added to standard fixtures on site.

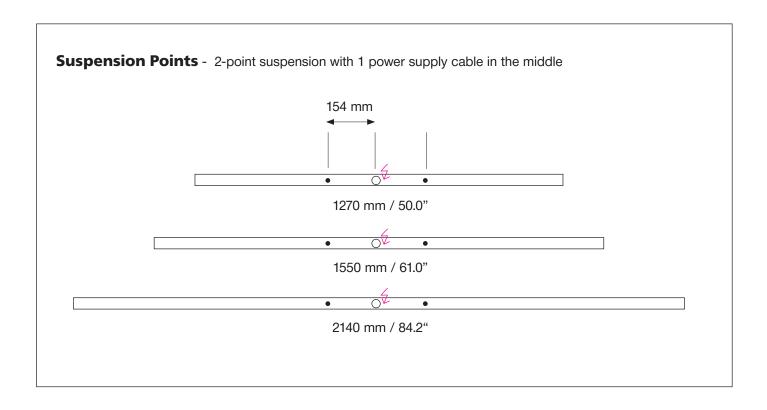


DOPPIO LINEA





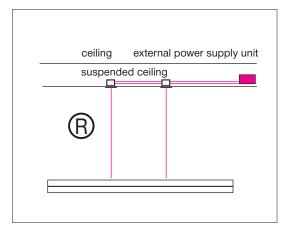
Date: 20. 10. 2017

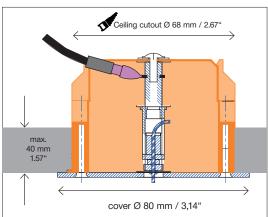




Date: 20. 10. 2017

DOPPIO LINEA

















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!

- Mark the 2 positions of the cavity boxes on the ceiling according to the template on page 6. Use a Laser Level to align the luminaire(s) and precisely mark the cavity boxes locations.
- 2. Cut out a ceiling cavity with Ø 68 mm / 2.67" ②. Attach the cavity box to the ceiling with 2 cross-recessed screws (the thickness of the ceiling must be max. 40 mm / 1.57").
- Connect the power supply cable to the cavity box 3
 and with the technical unit.
- 4. Insert the steel cables (which are already mounted on the fixture) through the hole in the cover plate in the cable grippers ④.
- 5. Lift the light fixture in the requested position and adjust by applying slight pressure on the steel cable grippers ⑤.
- 6. Shorten excessive steel cables.
- 7. Fix cover with two screws 6.



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.



If two or more fixtures are intended to be installed as a continuous run, a coupler is required. This coupler requires CUSTOM fixtures that need to be factory-quoted and ordered as such. WARNING: The coupler cannot be added to standard fixtures on site.

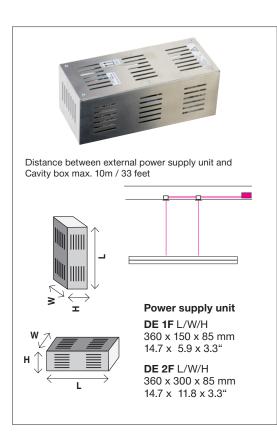


DOPPIO LINEA

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



Date: 20. 10. 2017



Assembly of the power supply unit, connection to cavity boxes



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

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

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

- 8. Open the housing of the power supply unit by loosening the 4 screws
- 9. Fasten power supply unit properly.
- 10. Connect primary connection and power supply cable of the cavity boxes according to the wiring diagram (p.10), then fasten the housing of the power supply unit again.
- 11. Check whether the light fixture is functioning.



DOPPIO LINEA





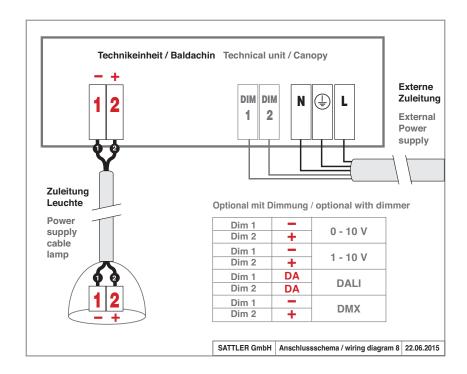
Date: 20. 10. 2017

Wiring Diagram LED white

DOPPIO LINEA

DIRECT

DIRECT/INDIRECT

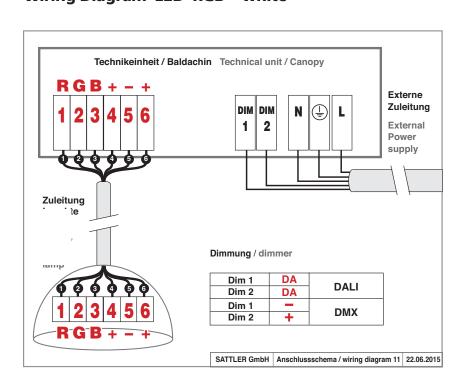


Wiring Diagram LED RGB + white

DOPPIO LINEA

DIRECT

DIRECT/INDIRECT







DOPPIO LINEA





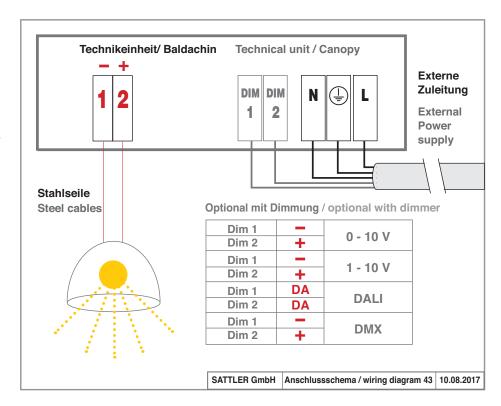
Date: 20. 10. 2017

Wiring Diagram LED white

DOPPIO LINEA

DIRECT

DIRECT/INDIRECT



We will be glad to assist you with any further questions regarding the assembly of our light fixtures.

Contact: Inter-lux, 3741 Commerce Dr. #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.