

Assembly instruction

SATTLER

Date 25.04.2014

Pendant Light Insieme

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

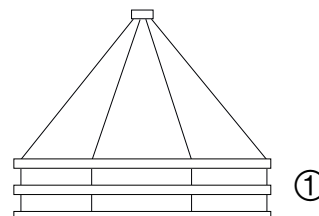
Technical data:



Housing

3 parts aluminium profile, polished, with integrated acrylic glass cover.

Dimension	Fixture Weight kg / lb	Technical-Unit Weight kg / lb
Ø 900 mm / 35.4"	5.0 / 11	5.0 / 11
Ø 1240 mm / 48.8"	7.0 / 15.4	5.0 / 11
Ø 1550 mm / 61.0"	9.0 / 19.8	5.0 / 11



Scope of delivery

Package 1 - 3, Pendant light rings

Aluminum profile ① 3 units
with acrylic cover.
and 4 (Ø 35.4" - 61" / 900 -1550 mm)
or 6 steel cables (Ø 74.8" / 1900 mm)

Packstück 4, Canopy, Power Supply

<input type="checkbox"/>	Canopy lower part ②	1 unit
<input type="checkbox"/>	Canopy cover ②	1 unit
<input type="checkbox"/>	Separate Power Supply ④	
<input type="checkbox"/>	Gloves, white ③	1 pair
	screwdriver	1 unit
	Assembly instruction	1 unit



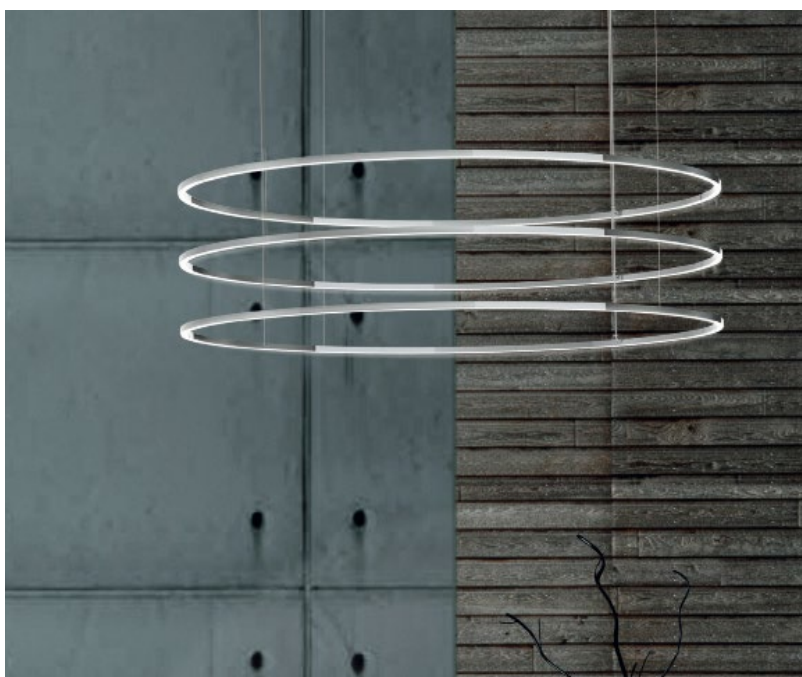
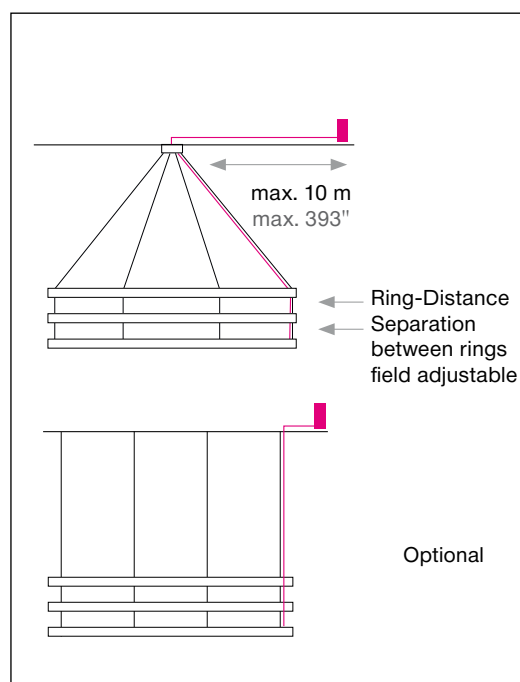
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Warranty

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

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



Delivery notes

Unpack the light fixture and check the bill of material.

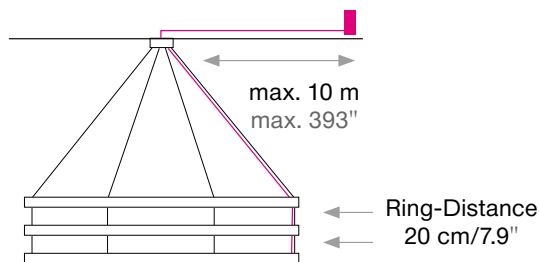
Use enclosed cloth gloves to prevent smudging of polished frame, screws and acrylic.

Do not remove the protective foil until after assembly.

Pendant Light Insieme



Pendant light with canopy and separate power supply



1. Installation of canopy

Mark anchor positions of your canopy on the ceiling according to drilling template, drill the anchor points with $\varnothing 0.25'' / 6\text{mm}$, mount dowels. Attach frame of canopy to dowel. Pull the power supply cable through the bore $\varnothing 1.2'' / 30\text{mm}$ and connect with push terminal.

1.2 Electrical installation

Make sure power is off, so there is no voltage.

The light rings will be attached with 4/6 steel cables at the canopy. Attach the 3 power supply cables with premounted cable holder (Fig1.) at the steel cables.

Adjust the suspension height of the rings through premounted push brackets in canopy (Fig.2). Attach the 3 rings in the recommended ring distance of approximately 20 cm/ 7.9". Afterwards cut overhanging cables.

1.3 Connection template with canopy

Connect the 3 cables with enclosed screwdriver and premounted push terminals use connection diagram.

- The polarity of the light and the canopy has to be identical.
- Attention: Do not bend!
- Attach canopy cover with enclosed screws.
- Check functionality of light fixture.

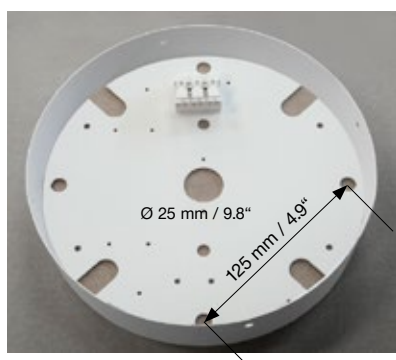


Fig. 1

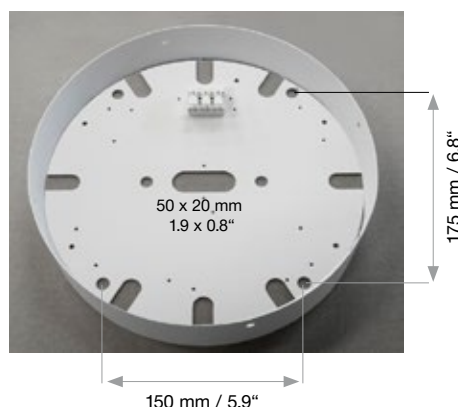


Fig. 2

Canopy $\varnothing 210\text{ mm} / 8.2''$ with
4 steel cables



Canopy $\varnothing 260\text{ mm} / 10.2''$ with
4/6 steel cables



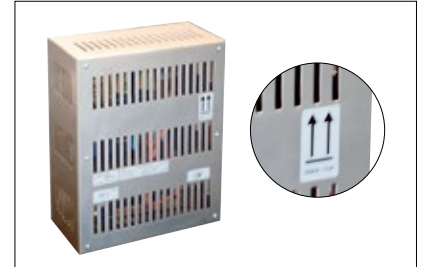
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2. Installation Power Supply

The power supply has to be mounted vertical (not the canopy) for proper air circulation. Connect the external power supply line to the power supply.

Please take note of the numbering on the strands, when connecting the supply line between power supply and light fixture.

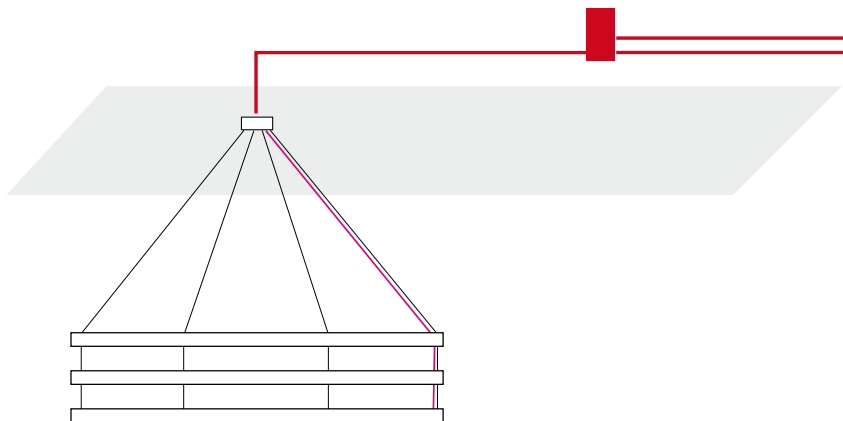


2.1 Connection template

The distance between power supply and light fixture should not be more than 32.8' / 10 m. The connection must follow the terminal assignment.

This varies depending on the diameter and the technical composition.

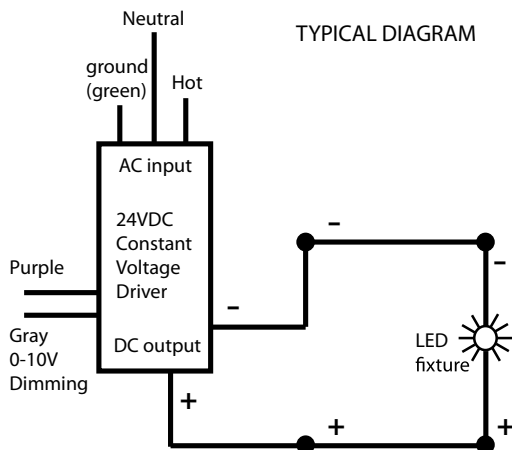
Power Supply / Canopy



Wiring Key Points

1. This product shall be installed by a qualified electrician.
2. Make sure the main power supply to the driver is turned off when wiring either the LEDs or driver.
3. LEDs shall be wired in parallel as shown in wiring diagram. CAUTION: incorrect wiring may damage LEDs.
4. Wire shall be #18AWG stranded minimum. Large gauge wire shall be used to limit voltage drop in order to maintain the proper operating voltage. Take every precaution to avoid interference from other electrical circuits and equipment.
5. Dimming circuits are more sensitive to voltage drop and electrical interference from other electrical sources.
6. Isolating LED wiring by dedicated circuit for each control zone is recommended.
7. Contractor shall verify the fixture quantities connected to the driver are compatible with the driver's specifications prior to energizing the circuit.
8. All Class II power cable remote wiring and driver enclosures by others.

LED's can be permanently damaged if these points are not followed



Conductor colors may vary.
Check driver & fixture's label for proper polarity.

Fixtures wired in PARALLEL.
Check driver's rated wattage
Refer to fixture's wattage
information below.

Maximum wiring distance*

	Load per driver		
	≤48W	≤72W	≤96W
Wire gauge			
#18AWG	37'	25'	18'
#16AWG	59'	39'	29'
#14AWG	95'	63'	47'
#12AWG	151'	101'	75'
#10AWG	241'	160'	120'

* Voltage drop guide for 24VDC. Actual
Voltage drop to be calculated by installer.