

PROLED L6OP7xx Flex Strip Opal Shape Instruction Manual

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PROLED[®]

PROLED L6OP7xx Flex Strip Opal Shape



Product Information

Warning:

1. For covered outside use possible.
2. Please ensure that the packaging is disposed of in a safe environment.
3. We do recommend that a qualified electrician should be used to install the products.
4. Do not look at the lighted lamp directly.
5. Please watch out at installation for thermal expansion or shrinking.

Safety Indices:

Be sure to have a qualified electrician complete installation. The customer is not entitled to claim for any lights installed without observing European safety directives. The manufacturer is then discharged from liability when damage is caused by improper use or installation. For indoor use only. Protection class IP65.

Pre installation:

Please follow the sequence of installation step by step. Non-observance can lead to damage of the flex strip.

1. Switch off the electricity at the mains before commencing installation or lamp change and (if a fuse box is installed) remove the appropriate circuit fuse to avoid accidental switching on of the mains supply.
2. Connect the flex strip to the power supply 24 VDC output (secondary side).
3. Connect connector (primary side) of power supply to mains (220-240VAC).
4. If a dimmer is used, then it must be placed between power supply and the flex strip.

Installation Possibilities:

1. Please keep in mind, that following strain is not allowed:
 - DO NOT PRESS
 - DO NOT TWIST
2. Minimum bending diameter at FLEX STRIP OPAL 360 XL: DO NOT STRETCH

Installation:**1. Please take care about following points before installation:**

- Installation only from both sides allowed. Do not install from one side

2. Please take care about following points before deinstallation:

- At length over 2m only 2 persons for installation allowed.
- Please be careful at deinstallation. Do not pull at light

3. Connection diagramm PSU 24V:

- At length over 2m only 2 persons for deinstallation allowed.
- Installation and commissioning may only be performed by qualified persons. National installation regulations must be observed. Luminaires must be disconnected from mains before any work.

4. Replacement of the included light source:

- Principle, the built-in light source can be replaced by a trained electrician without permanent damage to the containing product. Generally available tools are sufficient.

Installation for Vertical Hanging:

Following items are needed for a vertical installation: L6OP7A03 (1m) or L6OP7A03S (1m) or L6OPA04 (2,5m) or

L6OPA04S (2,5m) side input / concrete ceiling

Installation Steps:

vertical input / suspended ceiling

1. Mount together end cap, plug Cable length is 2m
2. 30mm
3. 30mm
4. a 4:1
5. a
6. a 2:1
7. a
8. a 4:1
9. a
10. a 4:1
11. + +
12. Heat shrinkable tubing
13. a
14. —
15. ++
16. L
17. L-22mm
18. L-22mm
19. L-22mm
20. PC-pipe must be 22mm shorter than the Flex Strip OPAL

For more information, please visit the manufacturer's website: www.proled.com

PROLED FLEX STRIP OPAL SHAPE L6OP7xx

Characteristics:

- SMD CHIP MONO (neutral white, warm white, super warm white).
- Power supply 24 VDC.
- Homogenous light. No single points visible.
- Safety class IP65. Suitable for wet room and covered outside.
- Operating temperature range -10° C till +45° C.
- CE compliant with applicable European directives.
- This product contains a light source of energy efficiency class F.

Warning:

1. For covered outside use possible.
2. Please ensure that the packaging is disposed of in a safe environment.
3. We do recommend that a qualified electrician should be used to install the products.

4. Do not look at the lighted lamp directly.
5. Please watch out at installation for thermal expansion or shrinking.

Safety indices:

Be sure to have a qualified electrician complete installation. The customer is not entitled to claim for any lights installed without observing European safety directives. The manufacturer is then discharged from liability when damage is caused by improper use or installation. For indoor use only. Protection class IP65.

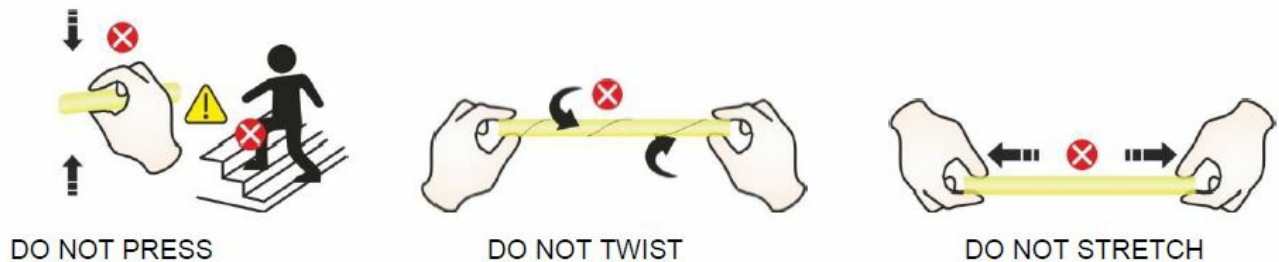
Pre installation:

Please follow the sequence of installation step by step. Non-observance can lead to damage of the flex strip.

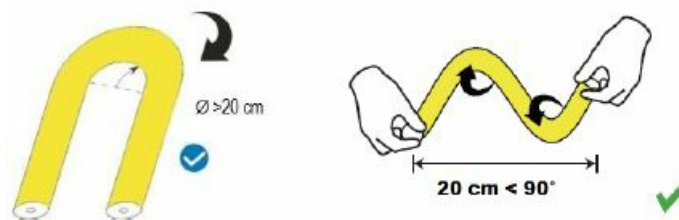
1. Switch off the electricity at the mains before commencing installation or lamp change and (if a fuse box is installed) remove the appropriate circuit fuse to avoid accidental switching on of the mains supply.
2. Connect the flex strip to the power supply 24 VDC output (secondary side).
3. Connect connector (primary side) of power supply to mains (220-240VAC).
4. If a dimmer is used, than it must be placed between power supply and the flex strip.

Installation possibilities

1. Please keep in mind, that following strain is not allowed:

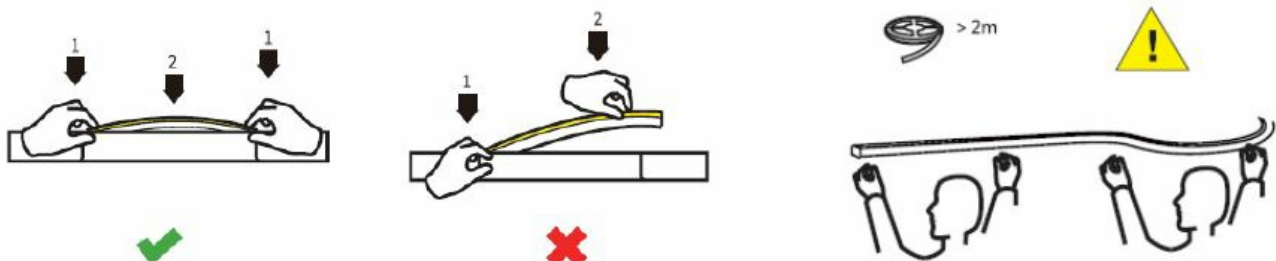


2. Minimum bending diameter at FLEX STRIP OPAL 360 XL



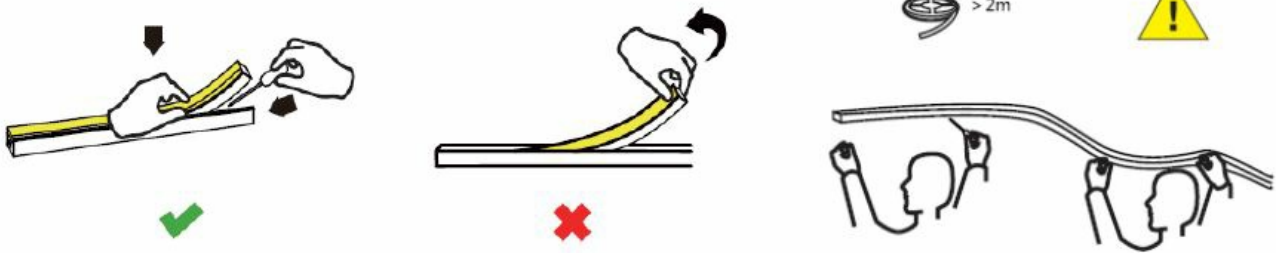
Installation

1. Please take care about following points before installation

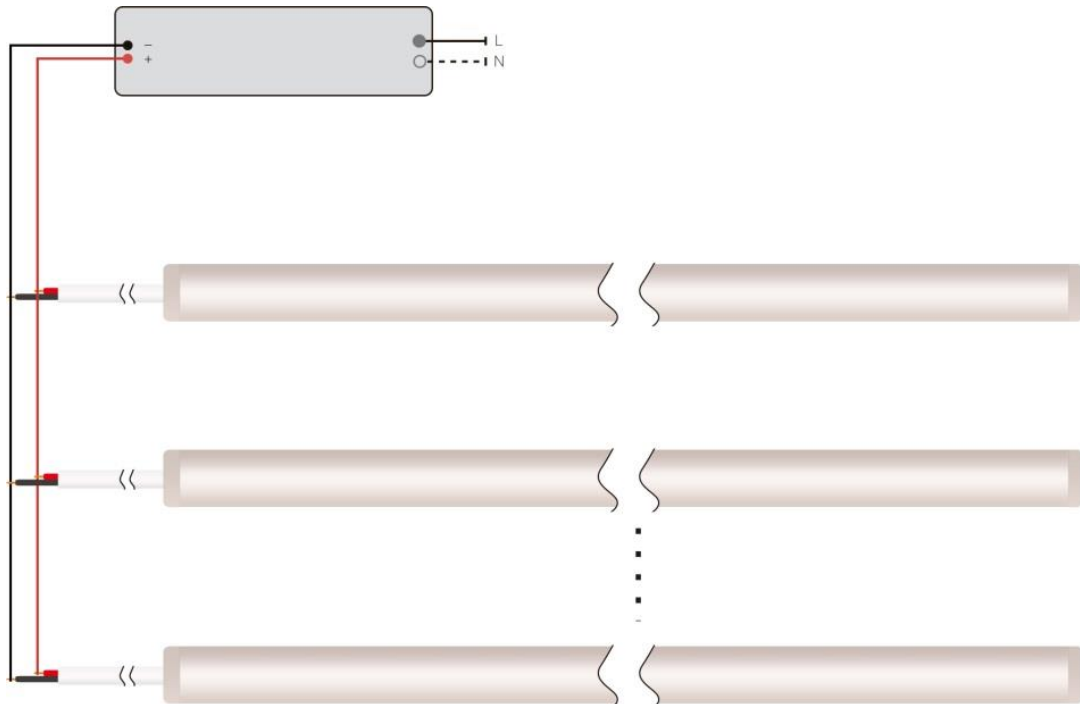


1. Installation only from both sides allowed.
2. Do not install from one side

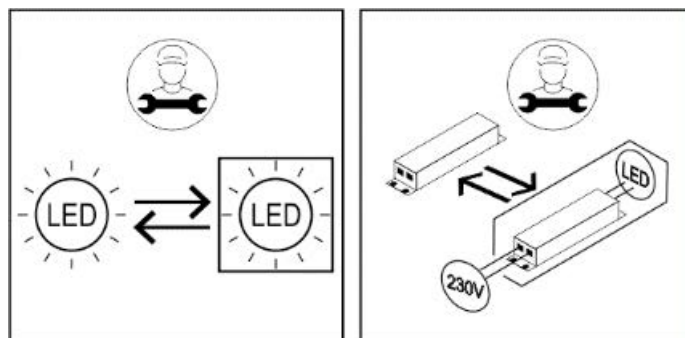
3. At length over 2m only 2 person for installation allowed.
2. Please take care about following points before deinstallation



1. Please be carefull at deinstallation. Do not pull at light
2. At length over 2m only 2 person for deinstallation allowed.
3. Connection diagramm



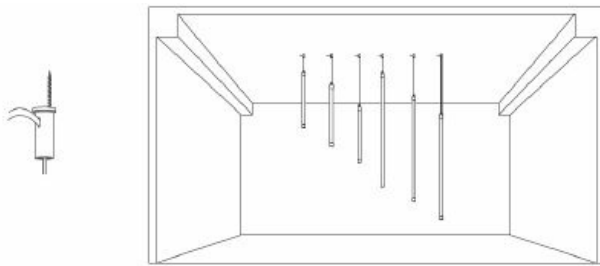
1. Installation and commissioning may only be performed by qualified persons.
2. National installation regulations must be observed.
3. Luminaires must be disconnected from mains before any work.



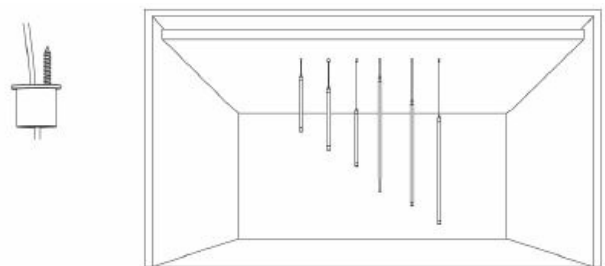
4. Replacement of the included light source Principle, the built-in light source can be replaced by a trained electrician without permanent damage to the containing product. Generally available tools are sufficient.

Installation for vertical hanging

1. Following items are needed for a vertical installation: L6OP7A03 (1m) or L6OP7A03S (1m) or L6OPA04 (2,5m) or L6OPA04S (2,5m)



side input / concrete ceiling

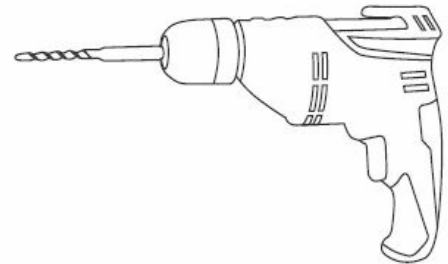


vertical input / suspended ceiling

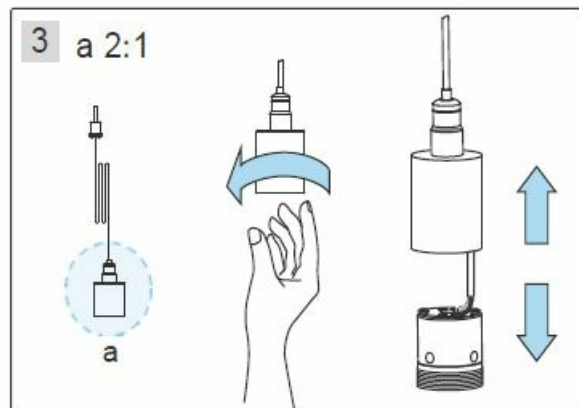
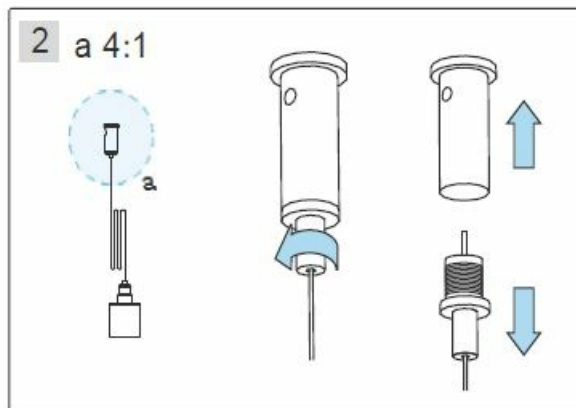
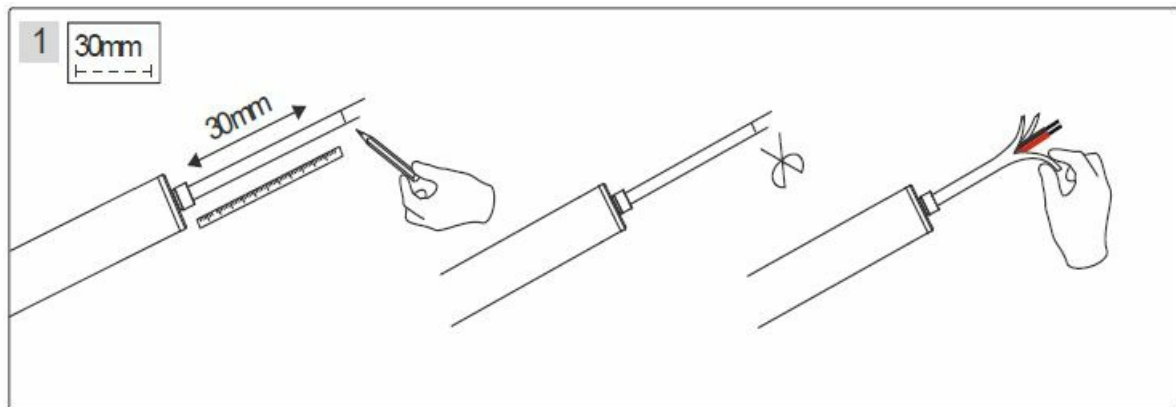
2. Installation steps



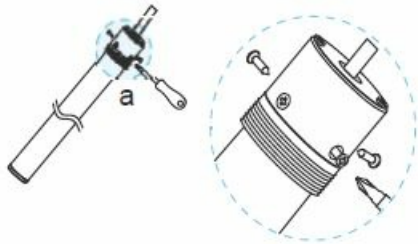
Mount together end cap, plug
Cable length is 2m



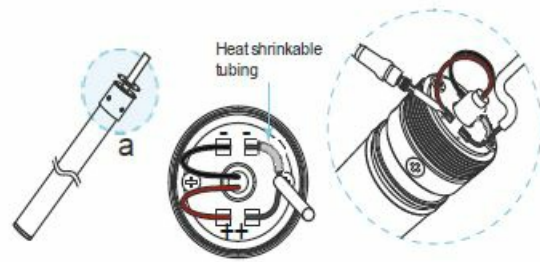
Drilling machine with drill Ø6 mm



4 a 4:1



5 a 4:1

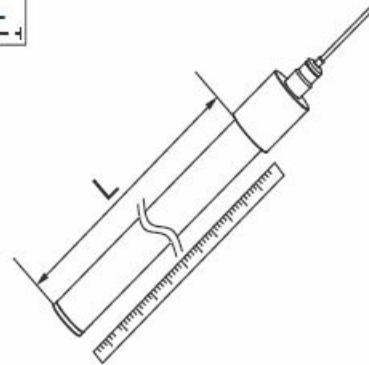


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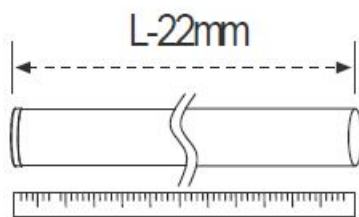
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L



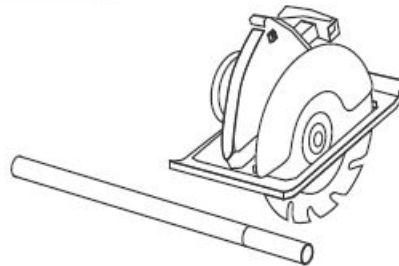
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L-22mm



9

L-22mm

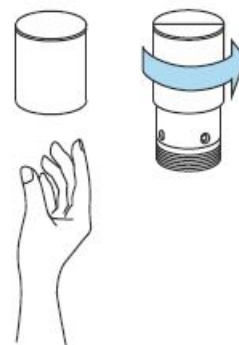


PC-pipe must be 22mm shorter than the Flex Strip OPAL

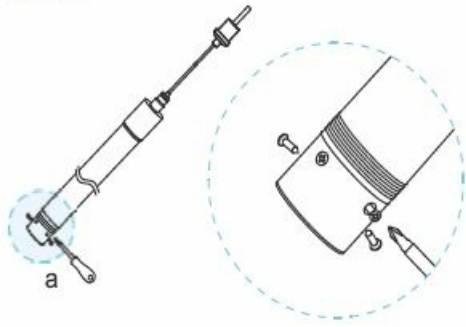
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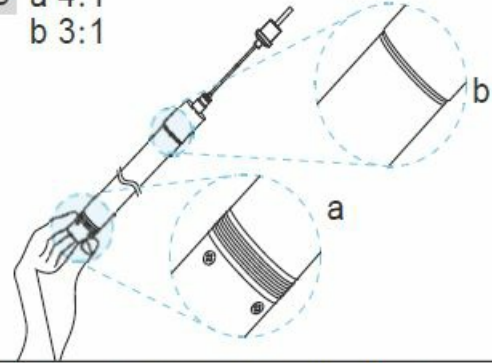
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12 a 4:1

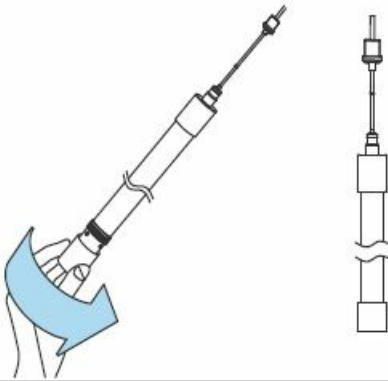


13 a 4:1
b 3:1

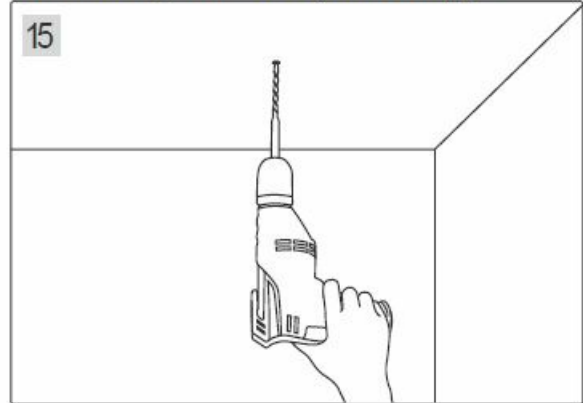


Pull the O-ring in the end cap of the PC-pipe

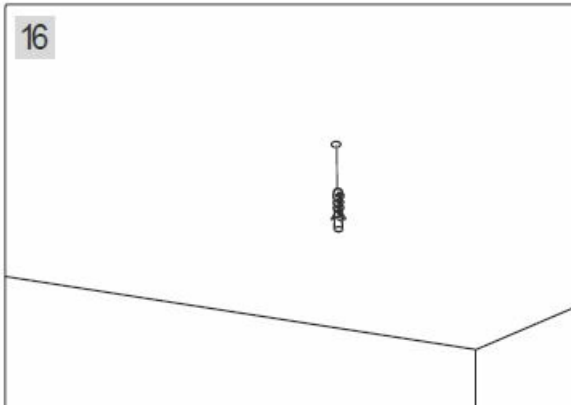
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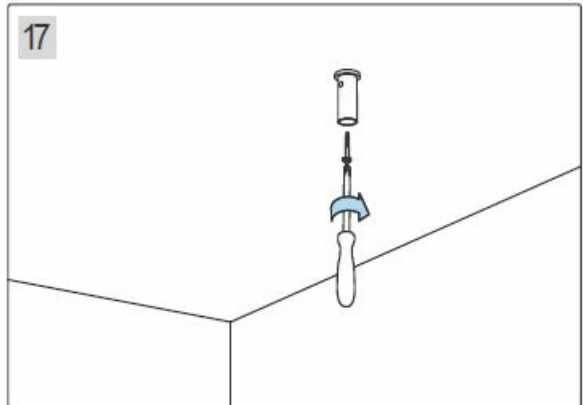
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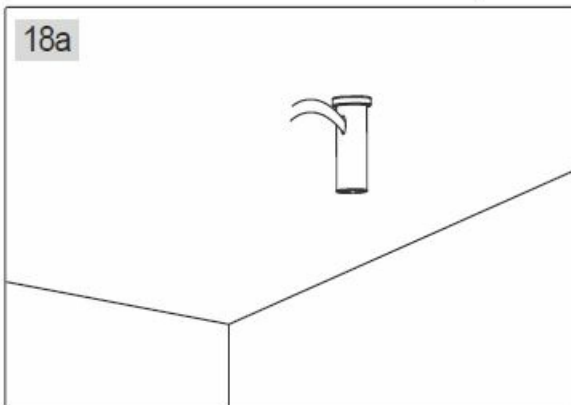
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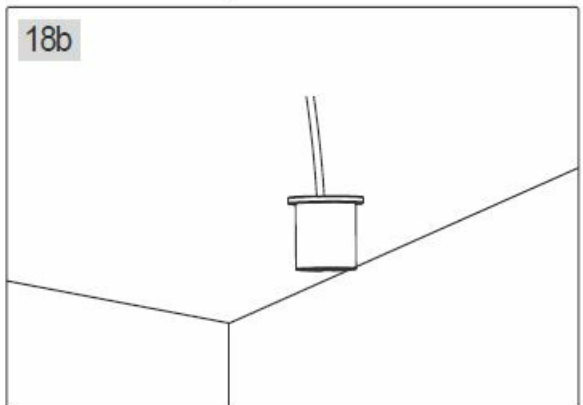
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18a

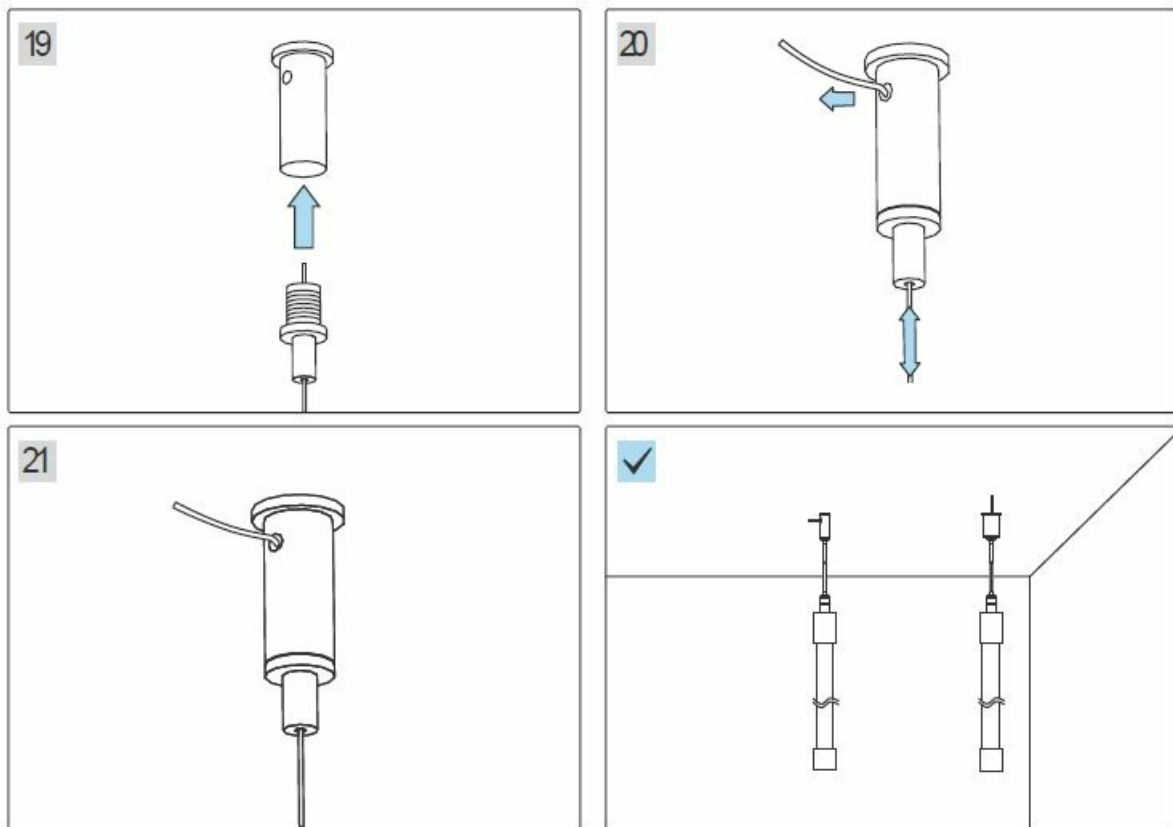


18b



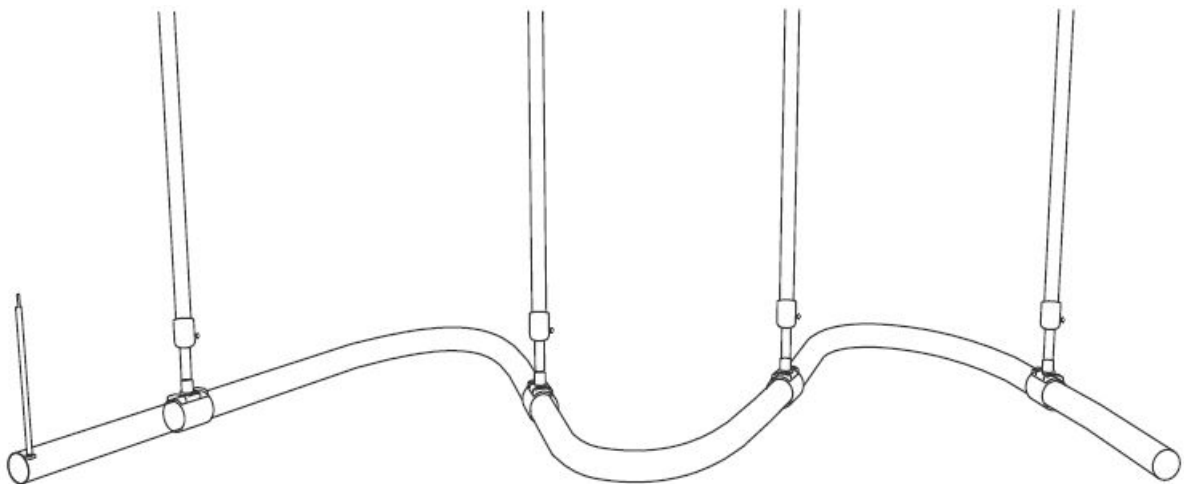
Concrete ceiling, side input

Suspended ceiling, straight input

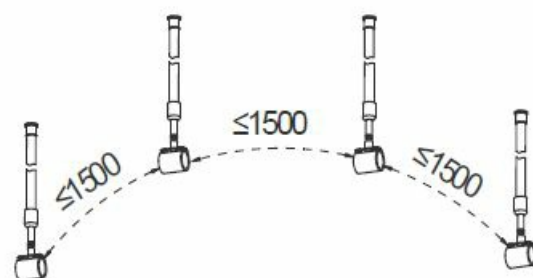
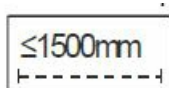


Installation for bended arrangement:

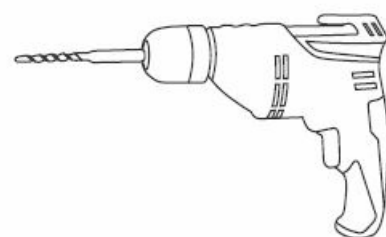
1. Following item is needed for a bended installation: L6OP7A08



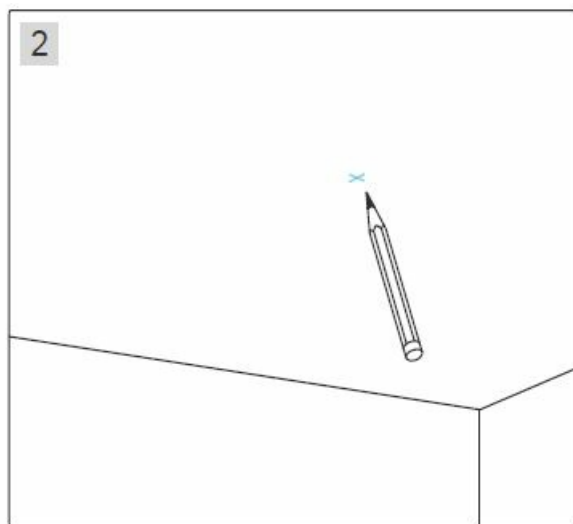
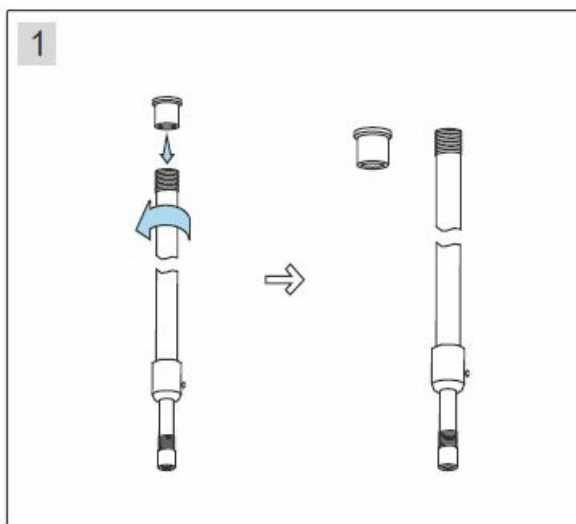
2. Installation steps



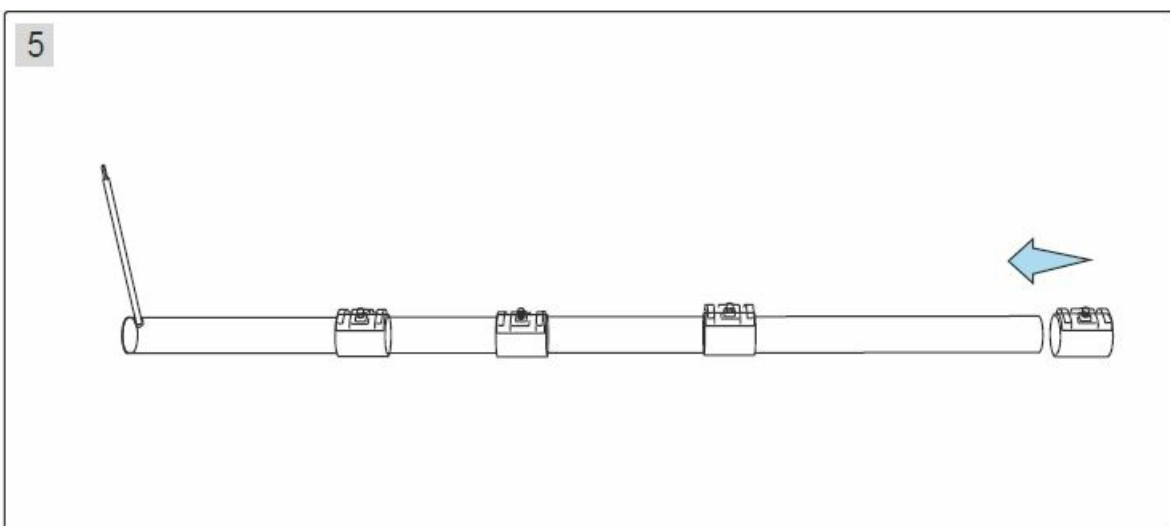
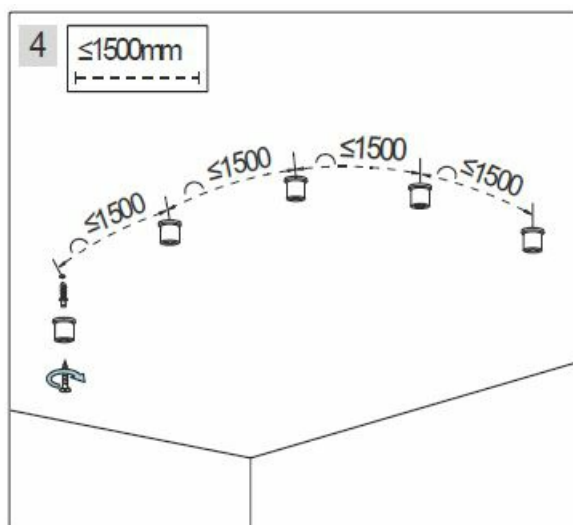
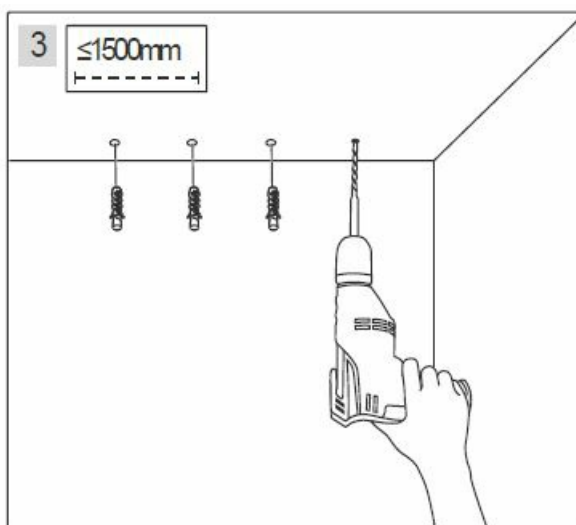
Distance of fixings ≤ 1500 mm



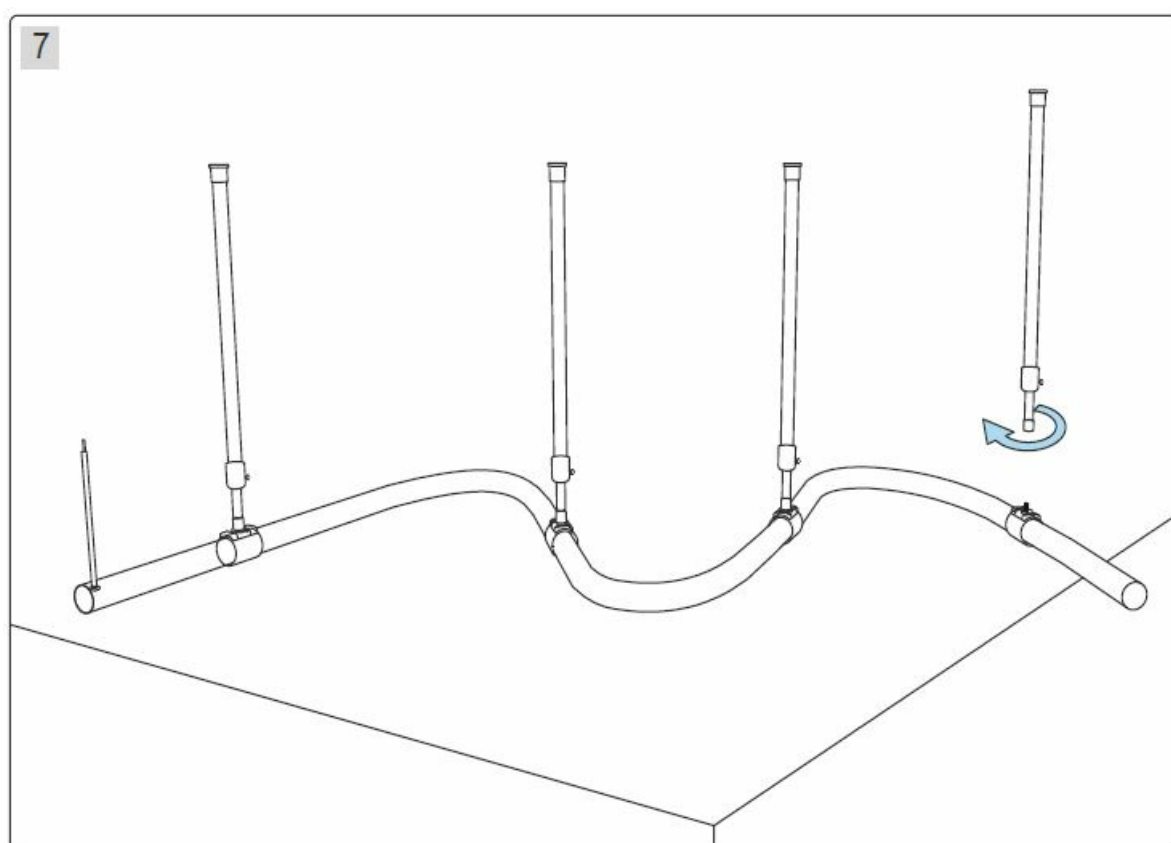
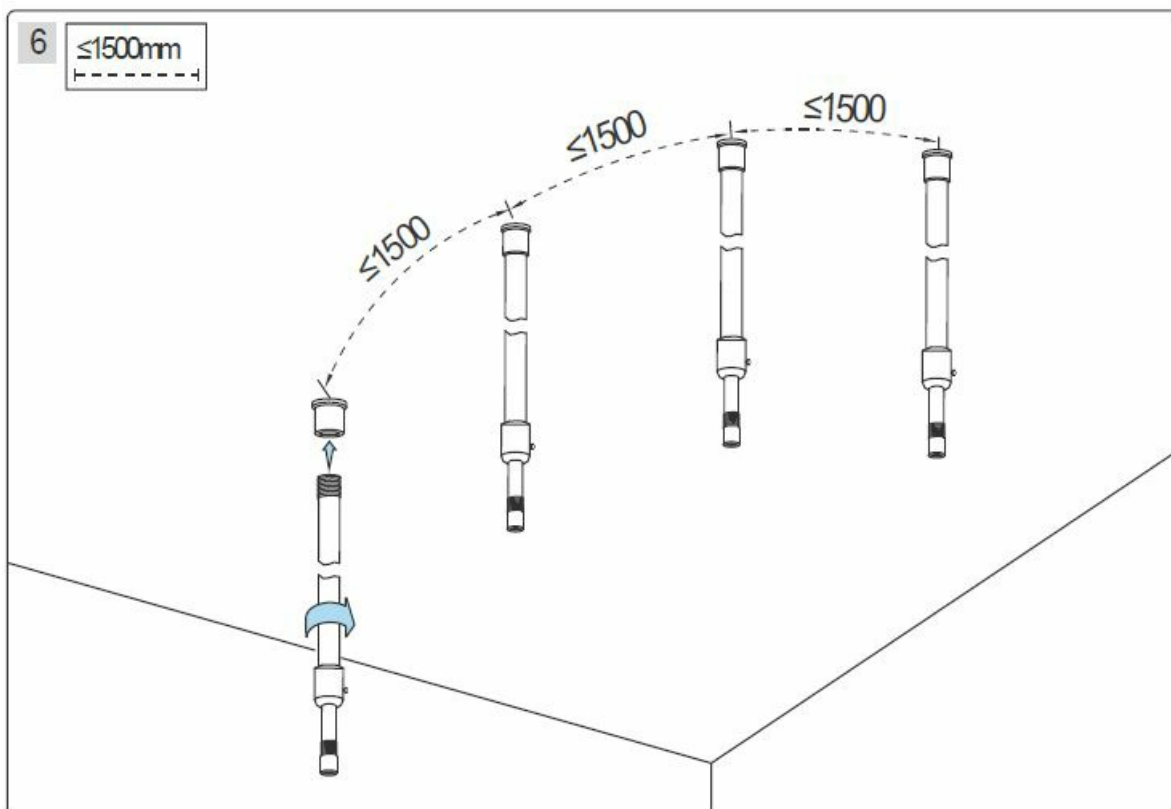
Drilling machine with drill $\varnothing 6$ mm

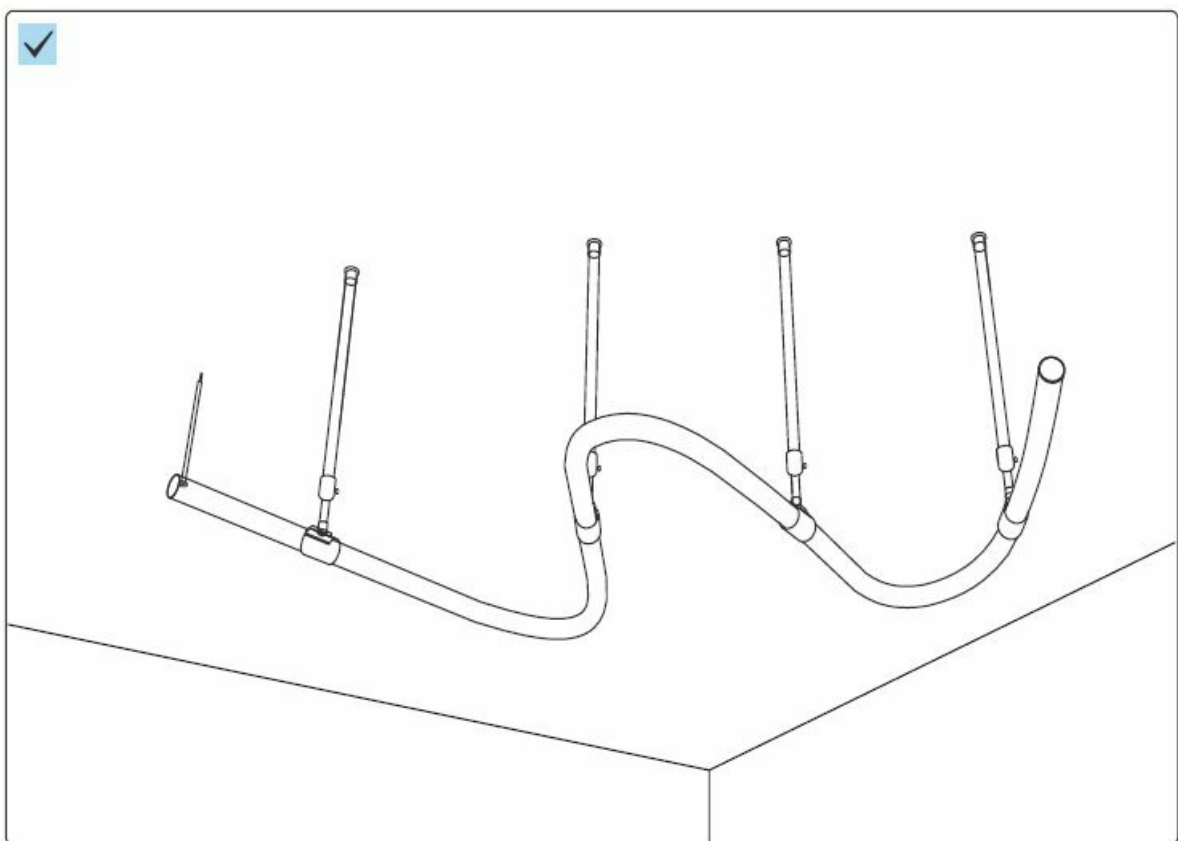
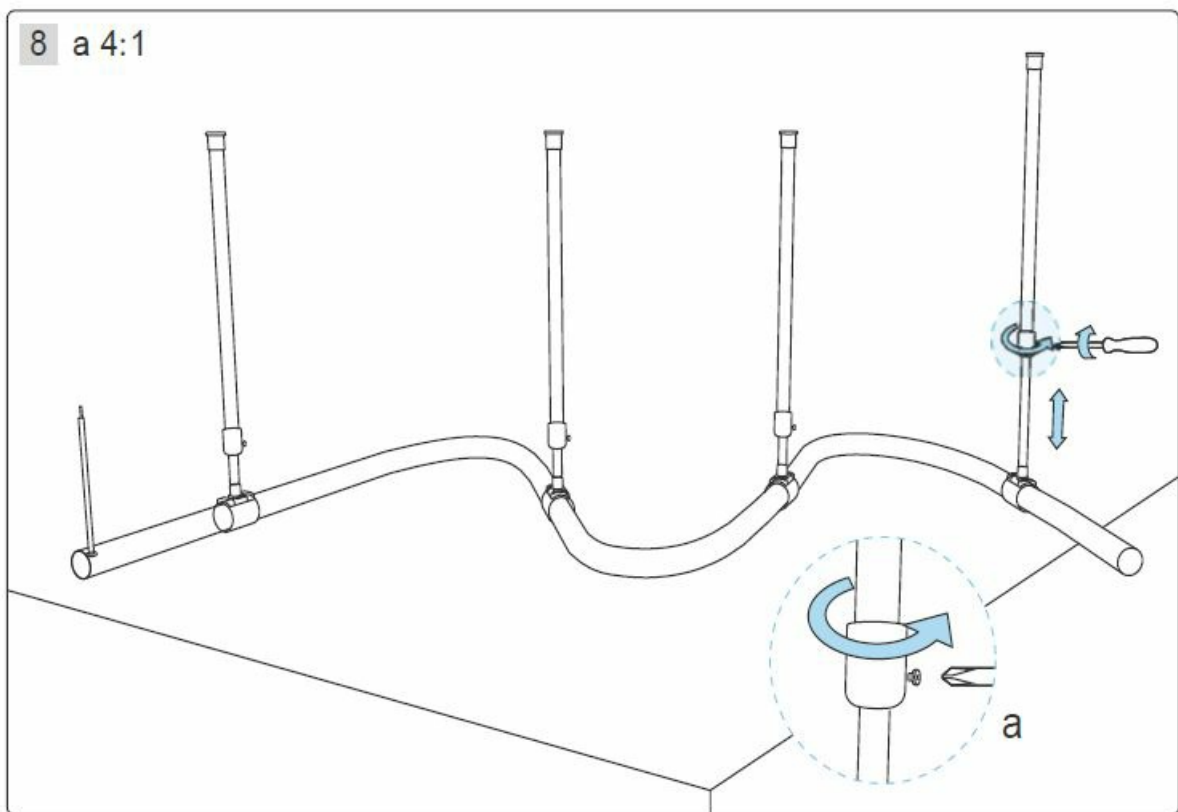


ATTENTION: To prevent a possible hanging, depending on the shape, we suggest to use supports every 500 mm.



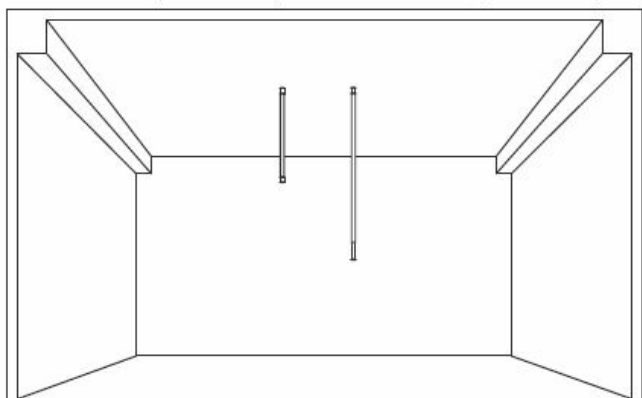
Put the fixings on the Flex Strip OPAL.



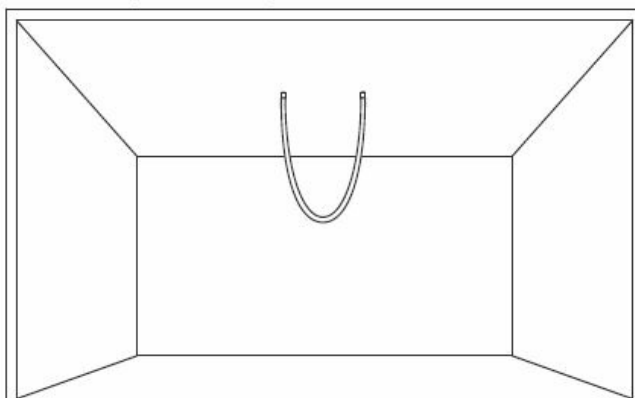


Installation for hanging one side or both side arrangement:

1. Following items are needed for a one side or both side installation: L6OP7A05 (one side) or L6OP7A06 (one side) or L6OP7A07 (both sides)

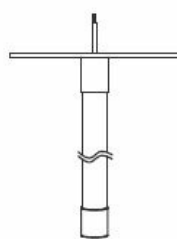


One side fixing

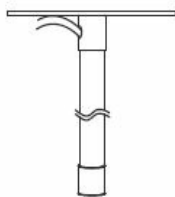


Both side fixing

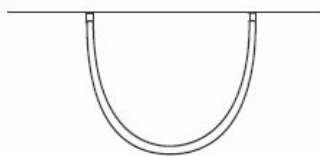
2. Installation steps



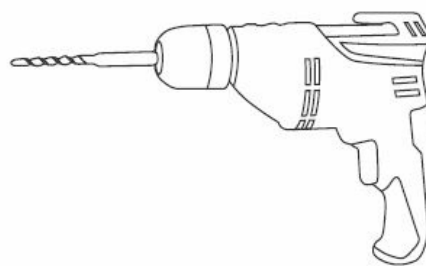
Straight



or side input



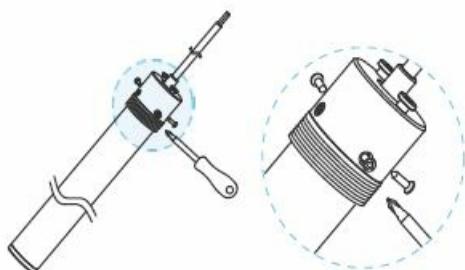
both side installation



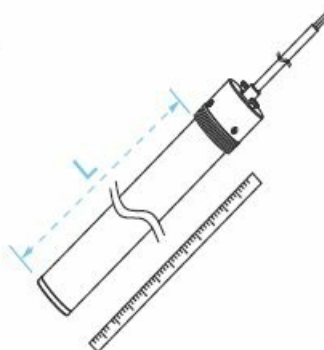
Drilling machine with drill Ø6 mm

Fixing at one side installation

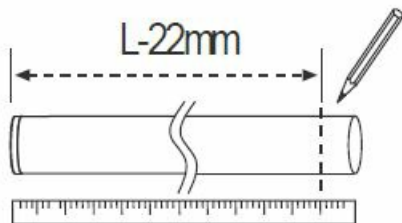
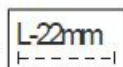
1 a 2:1



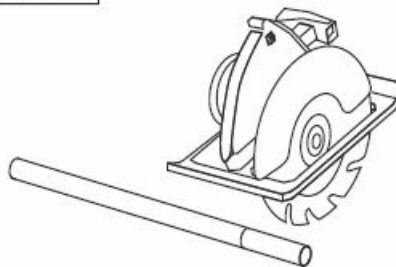
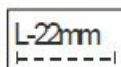
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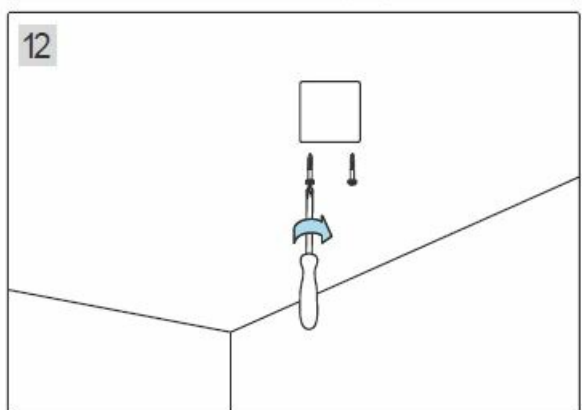
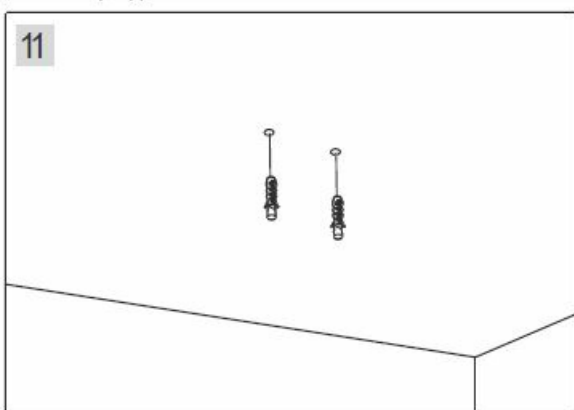
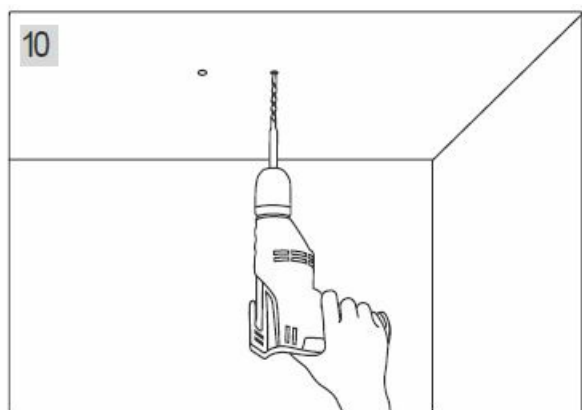
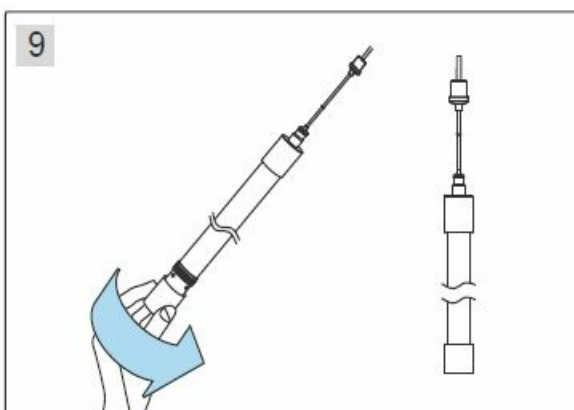
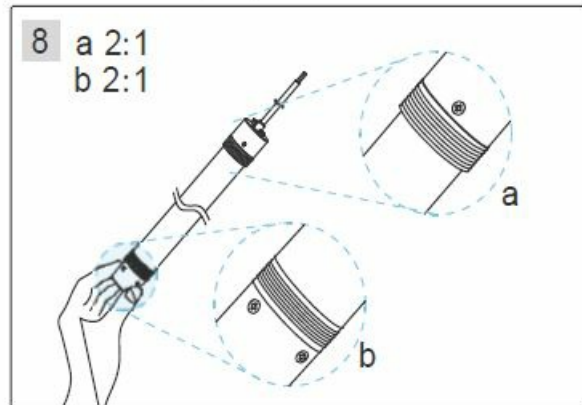
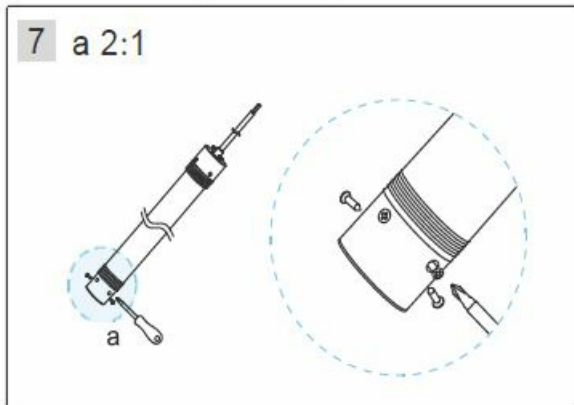
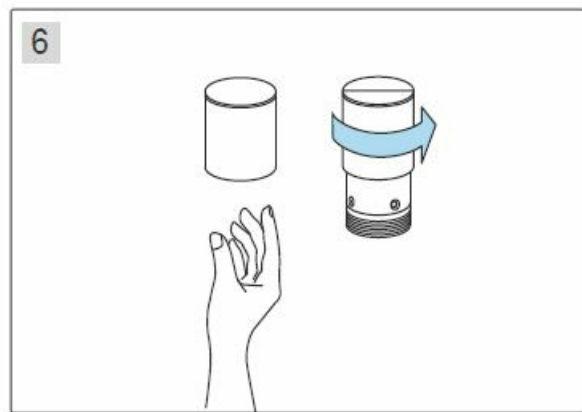
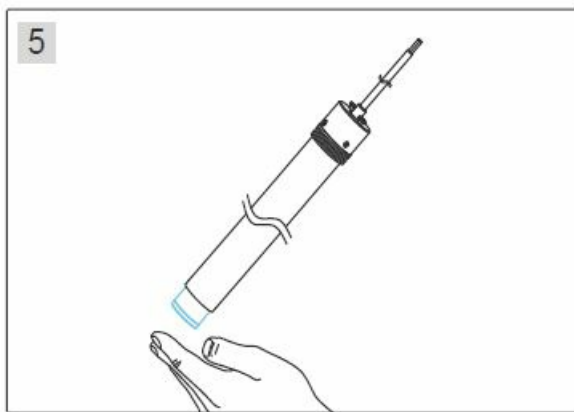


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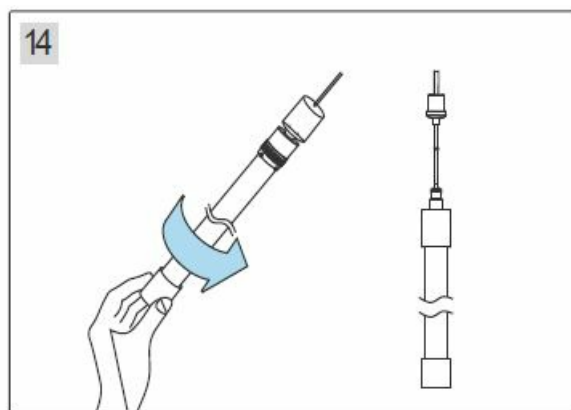
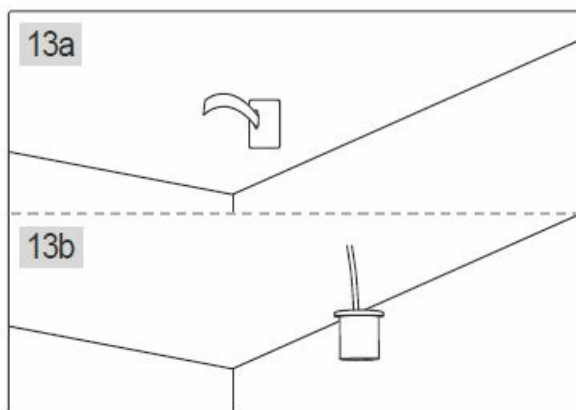


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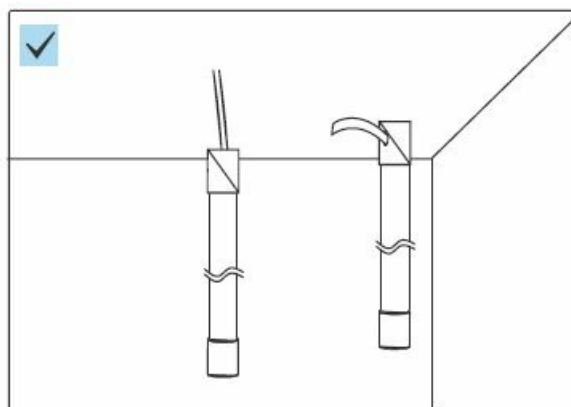
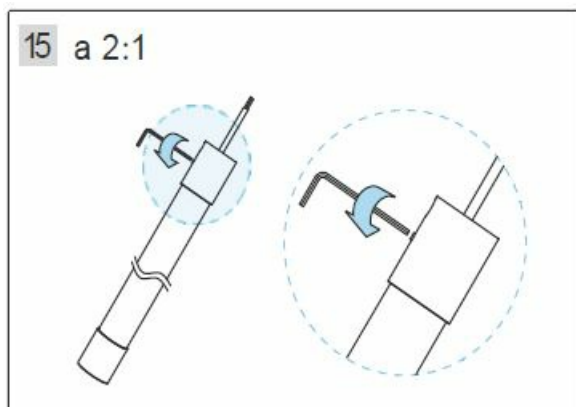




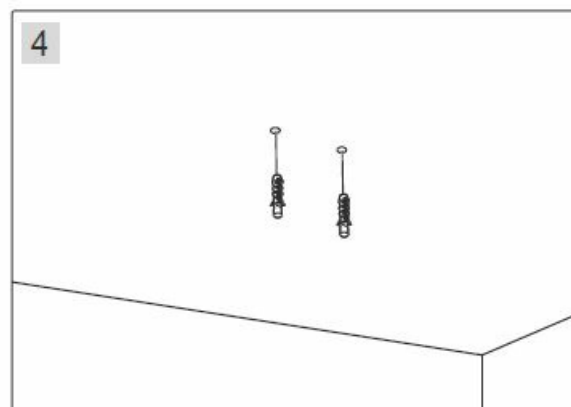
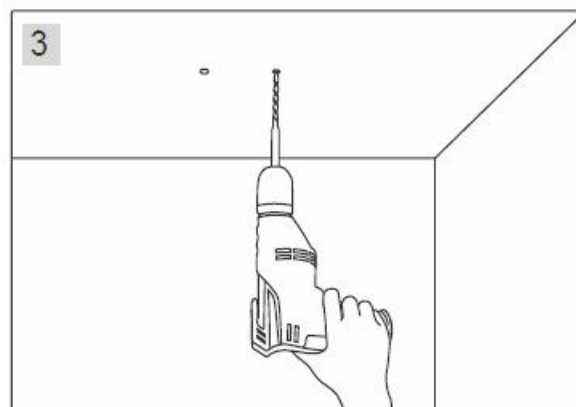
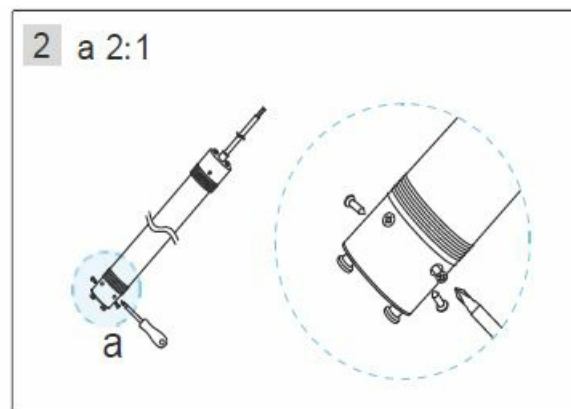
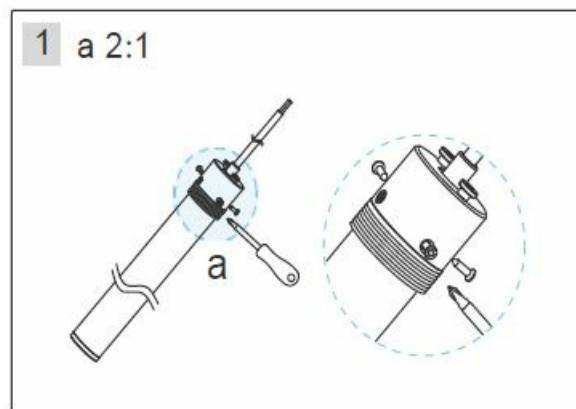
Fixed position

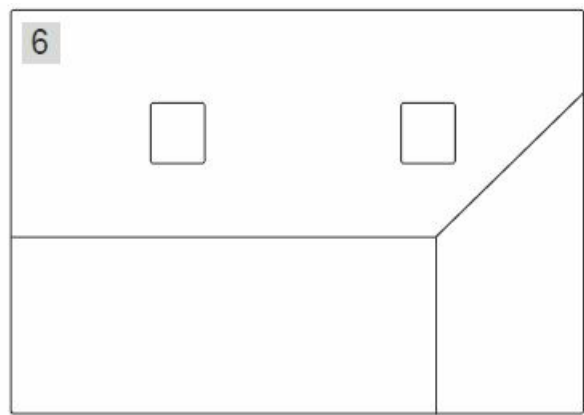
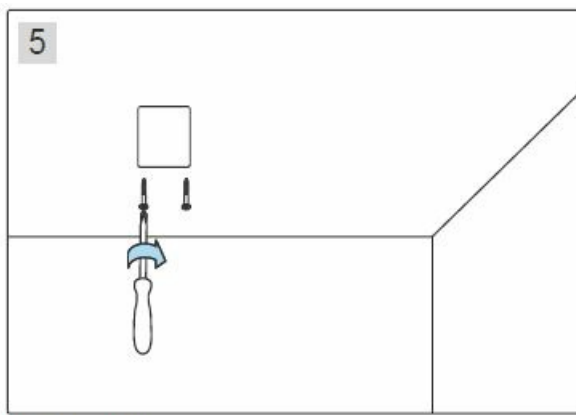


Concrete or suspended ceiling

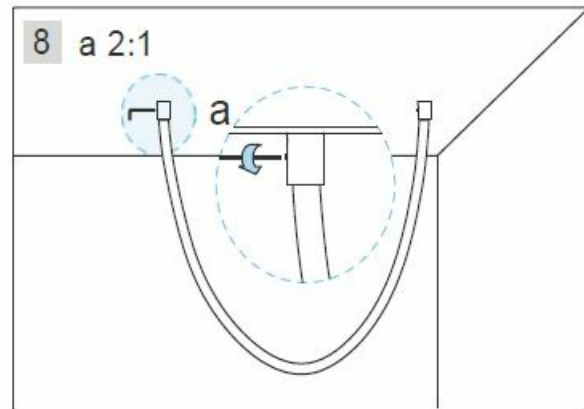
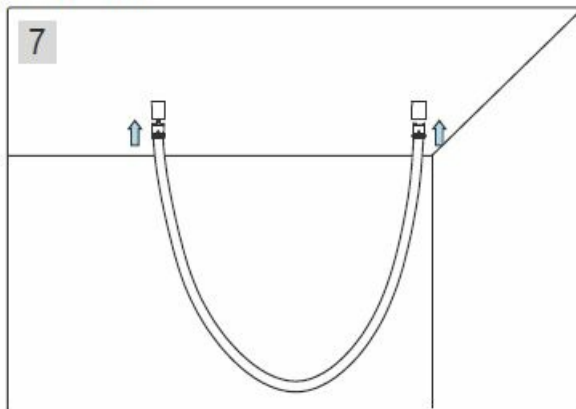


Fixing at two side installation



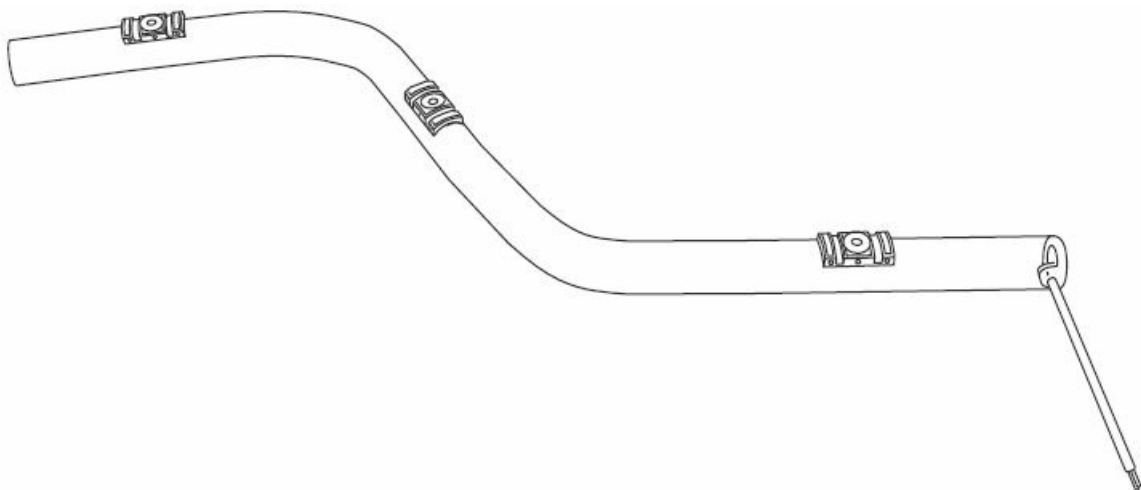


Fixed position

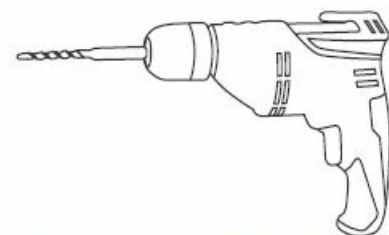
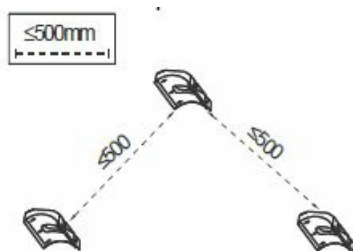


Installation for bended, under ceiling installation:

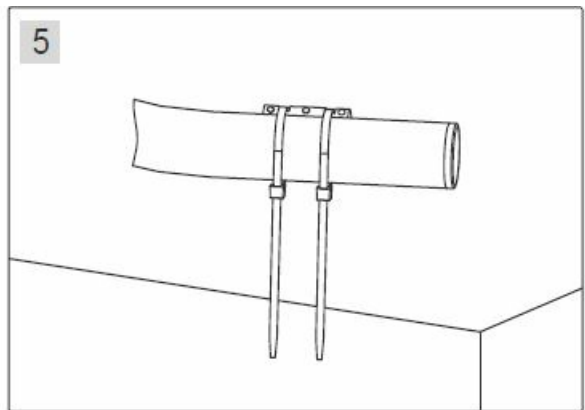
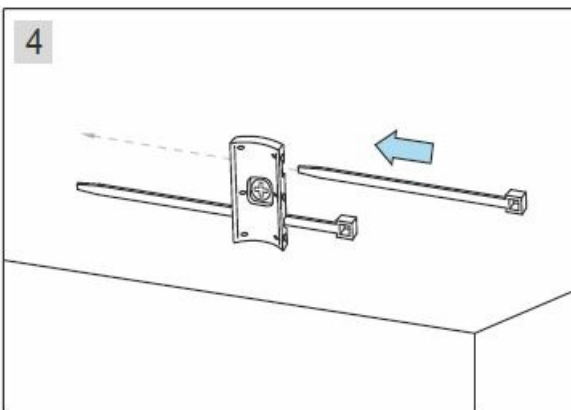
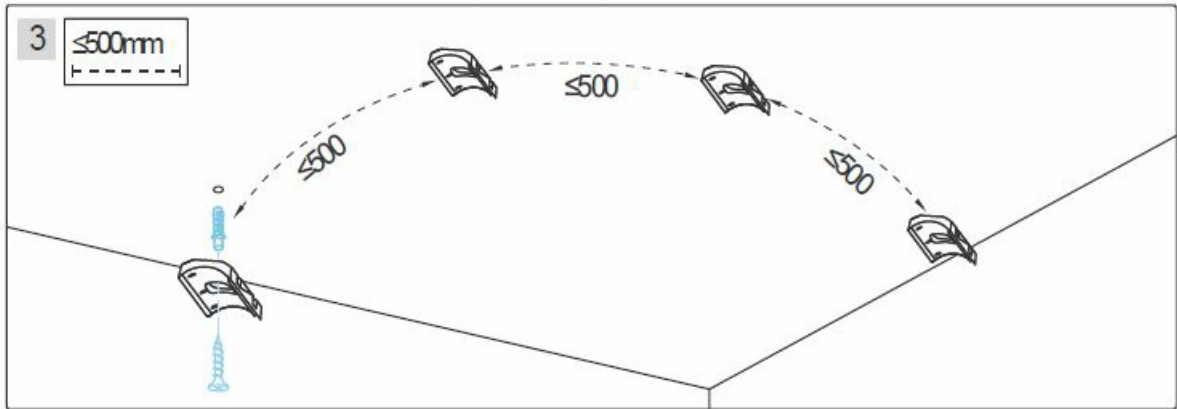
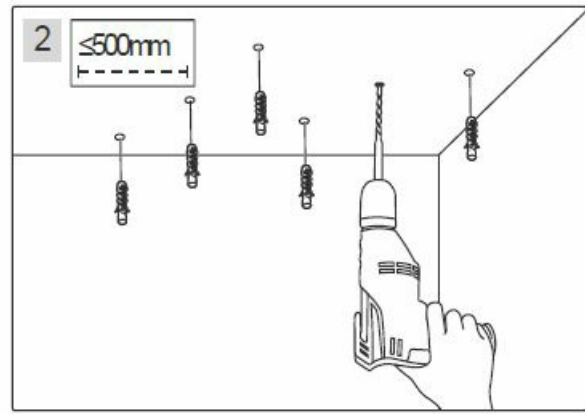
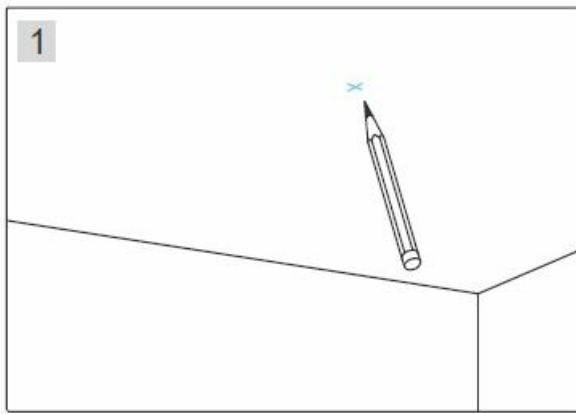
1. Following item is needed for a bended, under ceiling installation: L6OP7A12



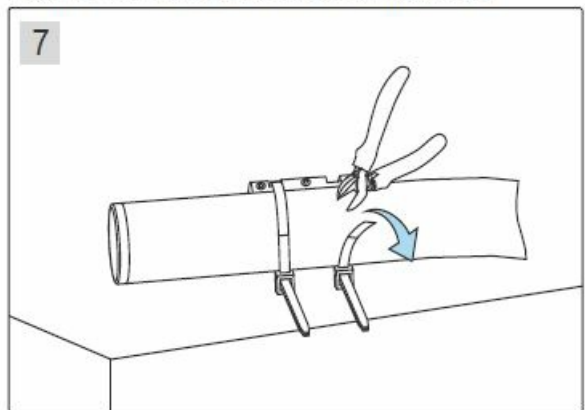
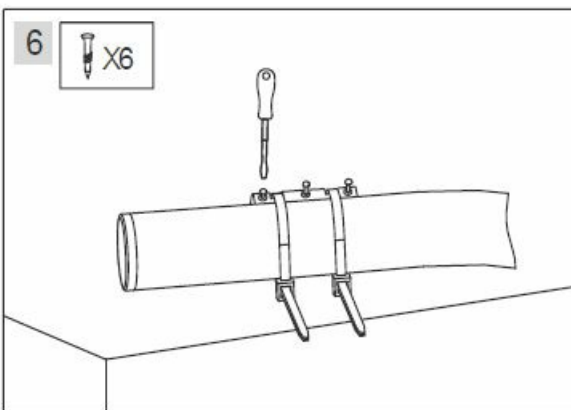
2. Installation steps

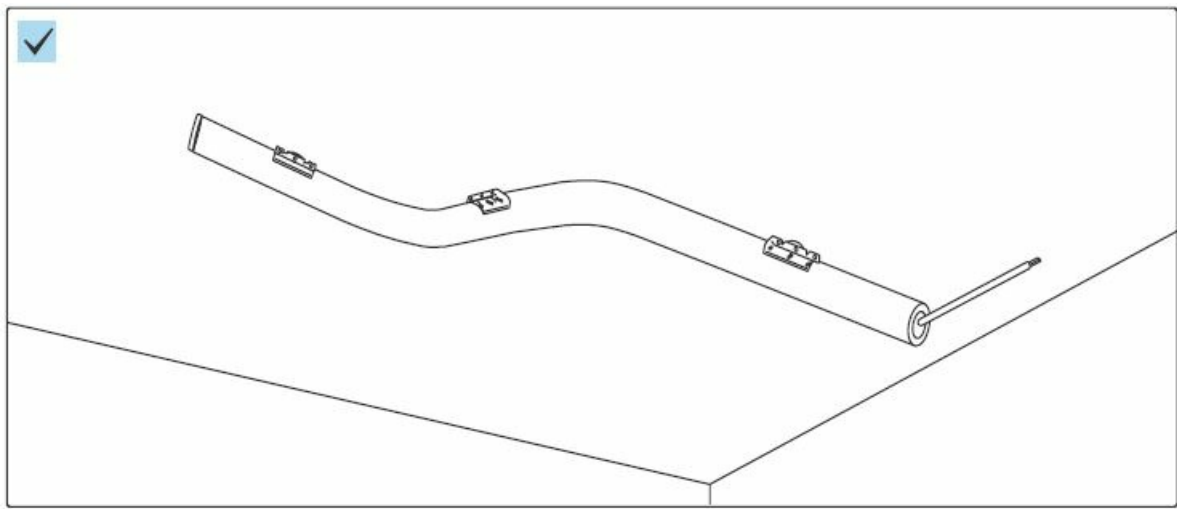


Drilling machine with drill Ø6 mm



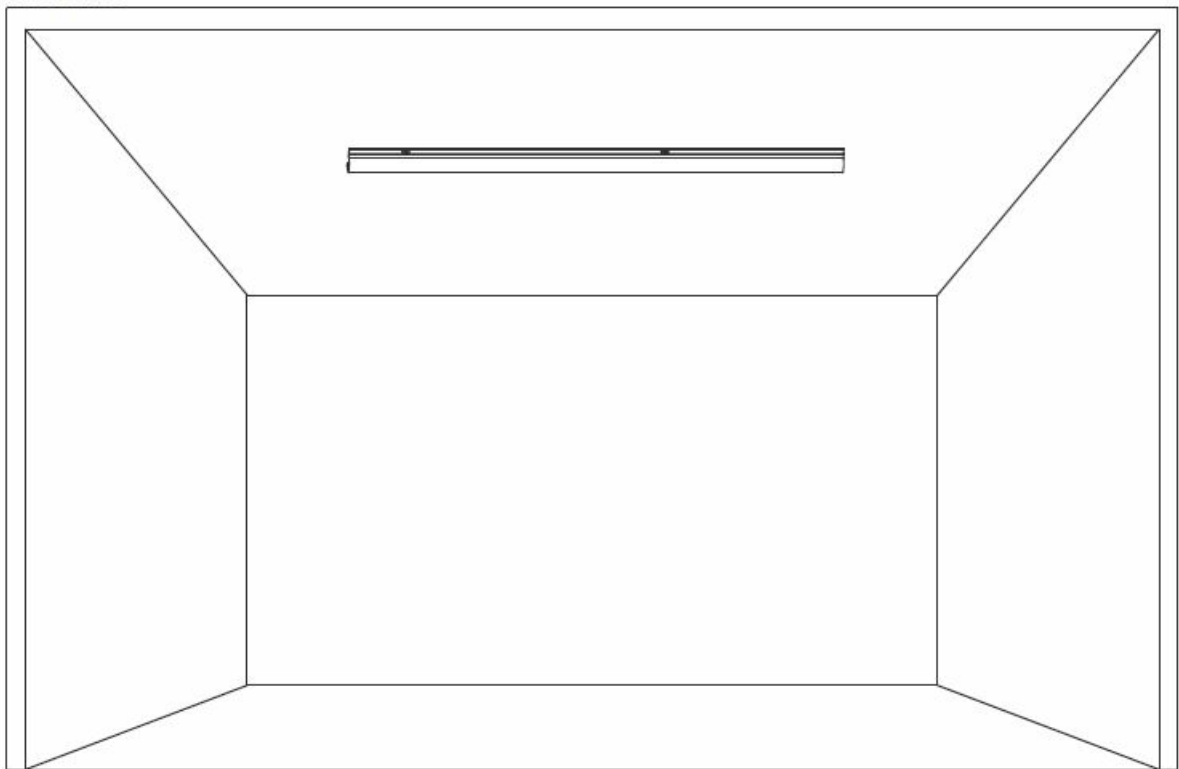
Fix the Flex Strip OPAL at the ceiling holder



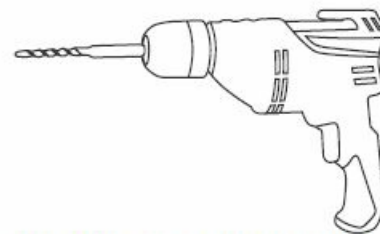
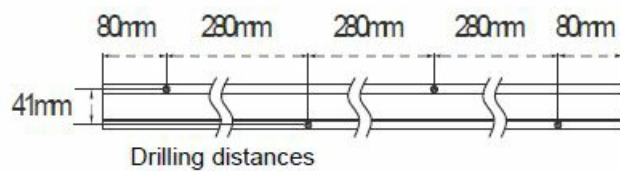


Installation for straight, under ceiling installation, length 1m:

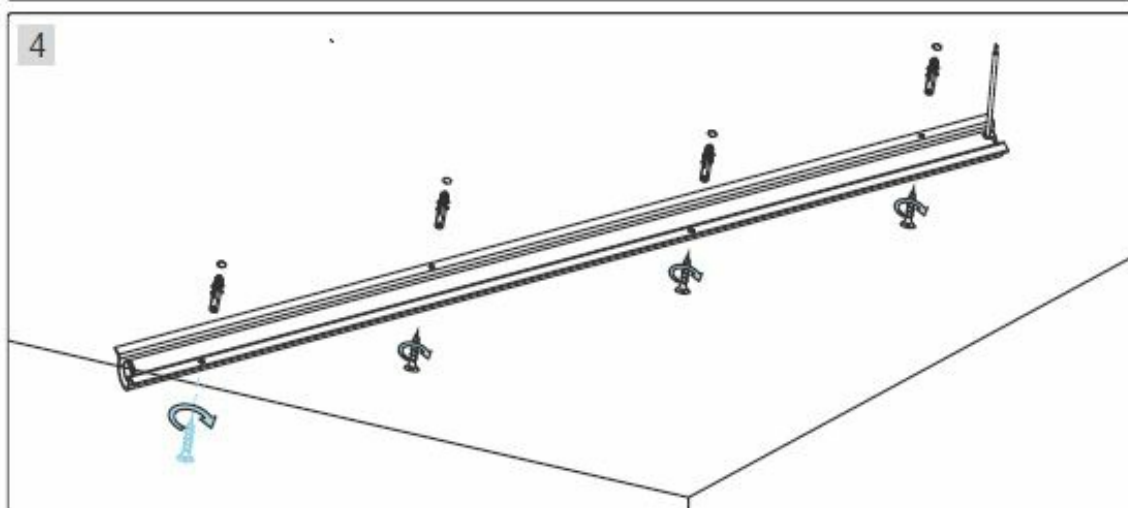
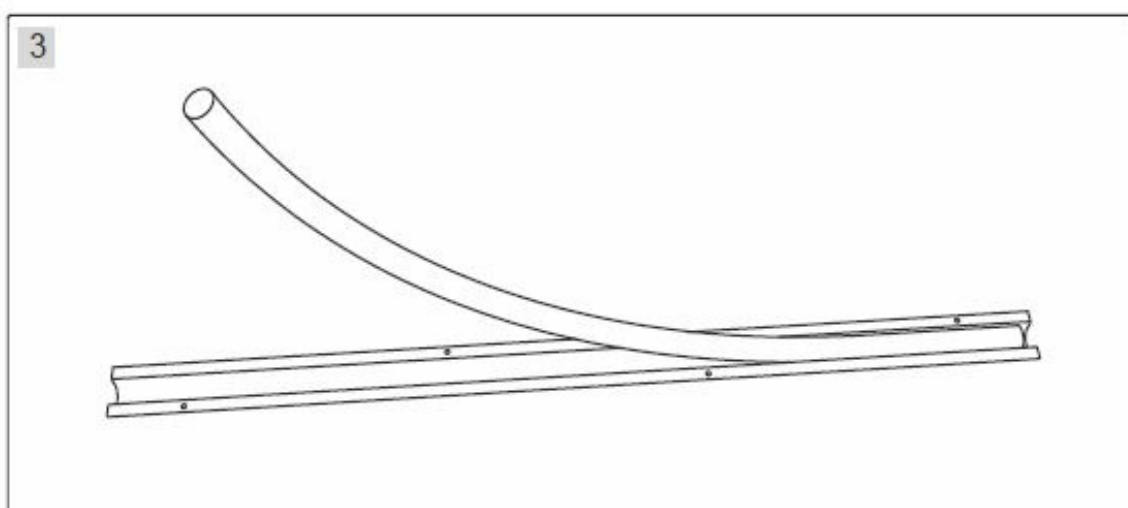
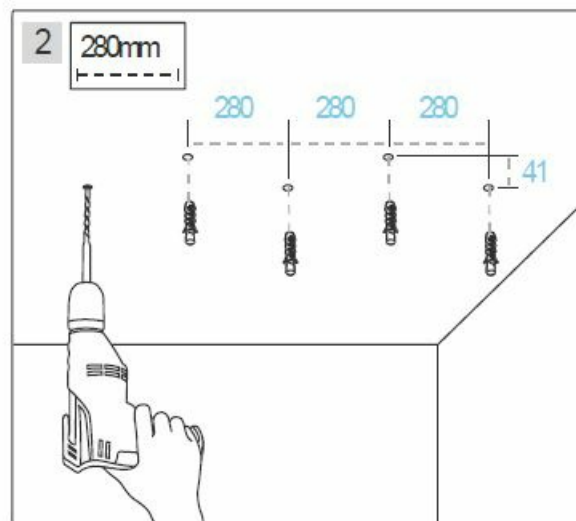
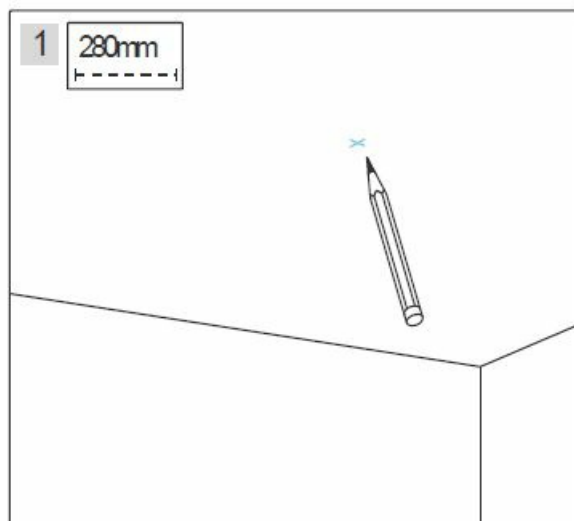
1. Following item is needed for a straight, under ceiling installation: L6OP7A09

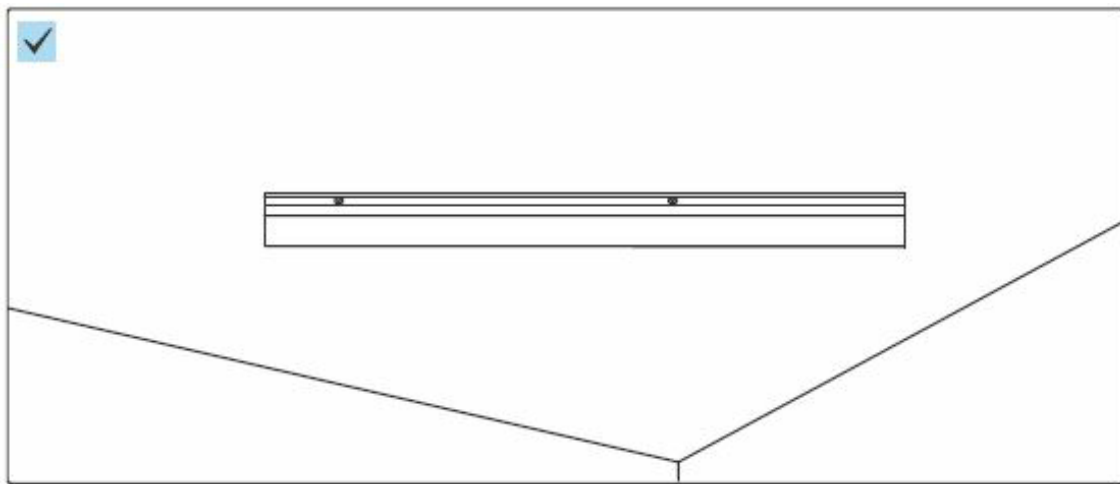


2. Installation steps



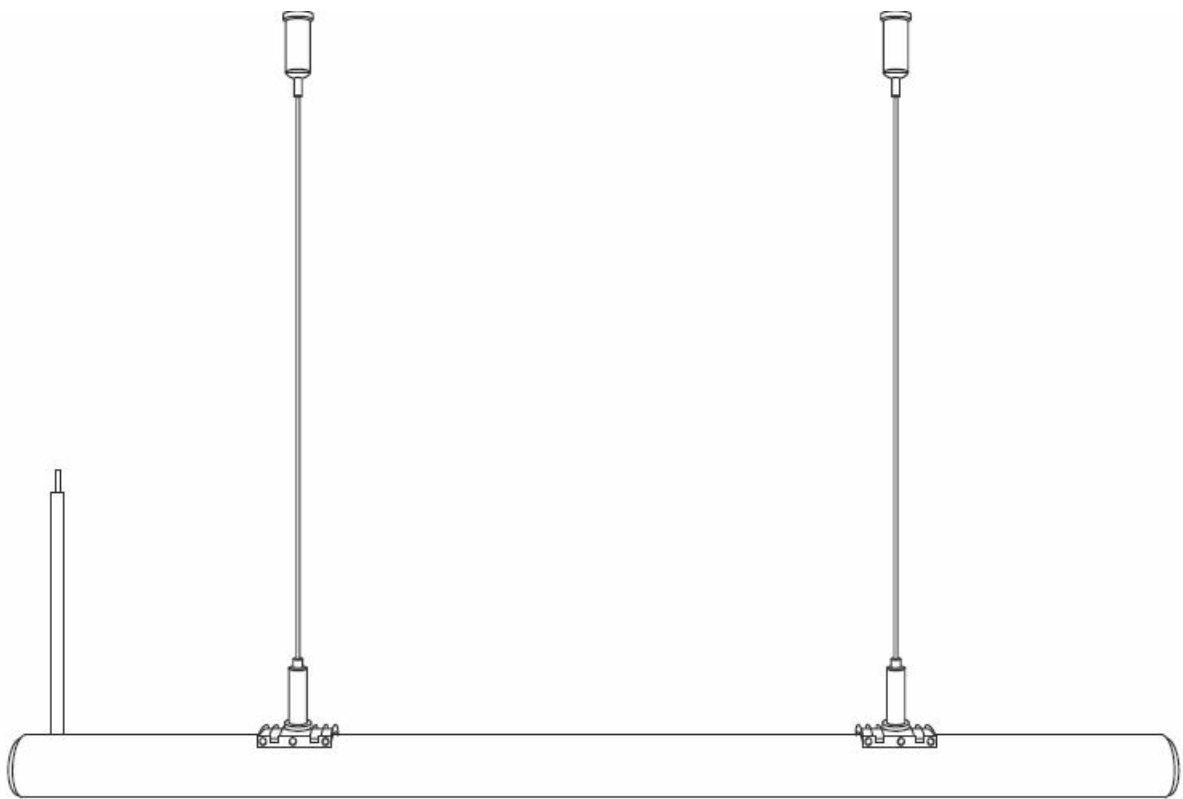
Drilling machine with drill Ø6 mm



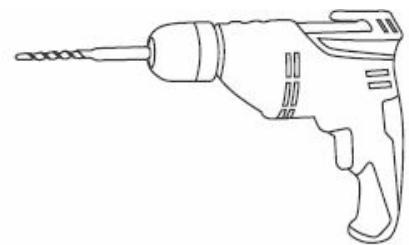
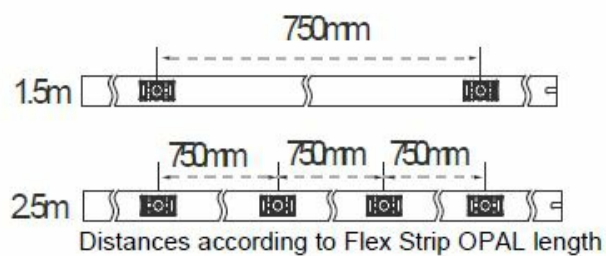


Installation for bended straight, suspended installation, length 1m:

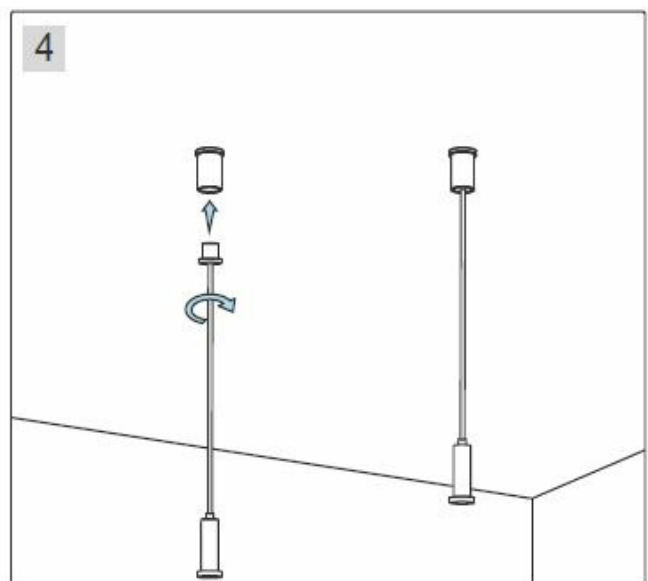
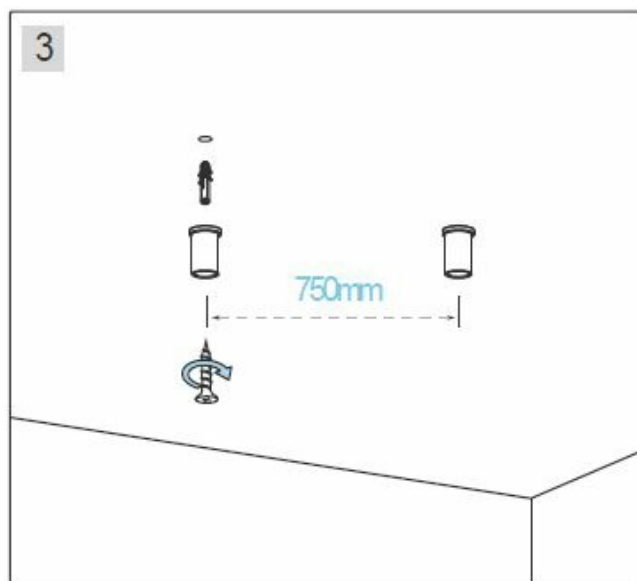
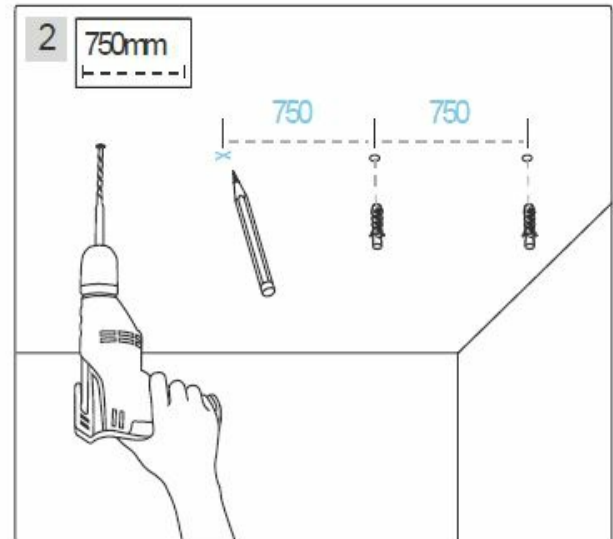
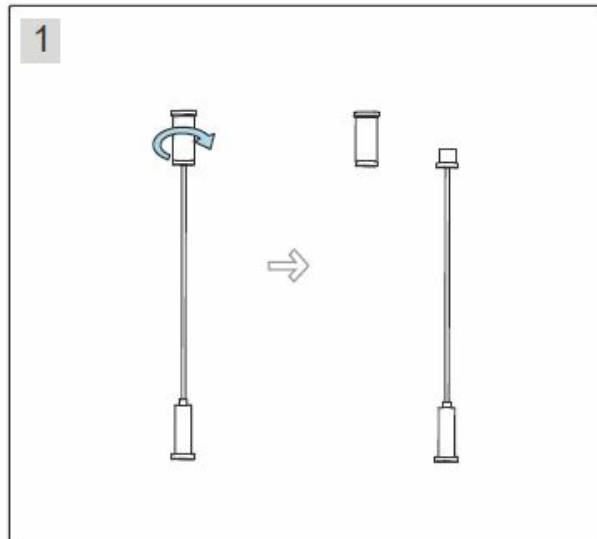
1. Following items are needed for a straight, suspended installation: L6OP7A10 or L6OP7A11 and L6OP7A14

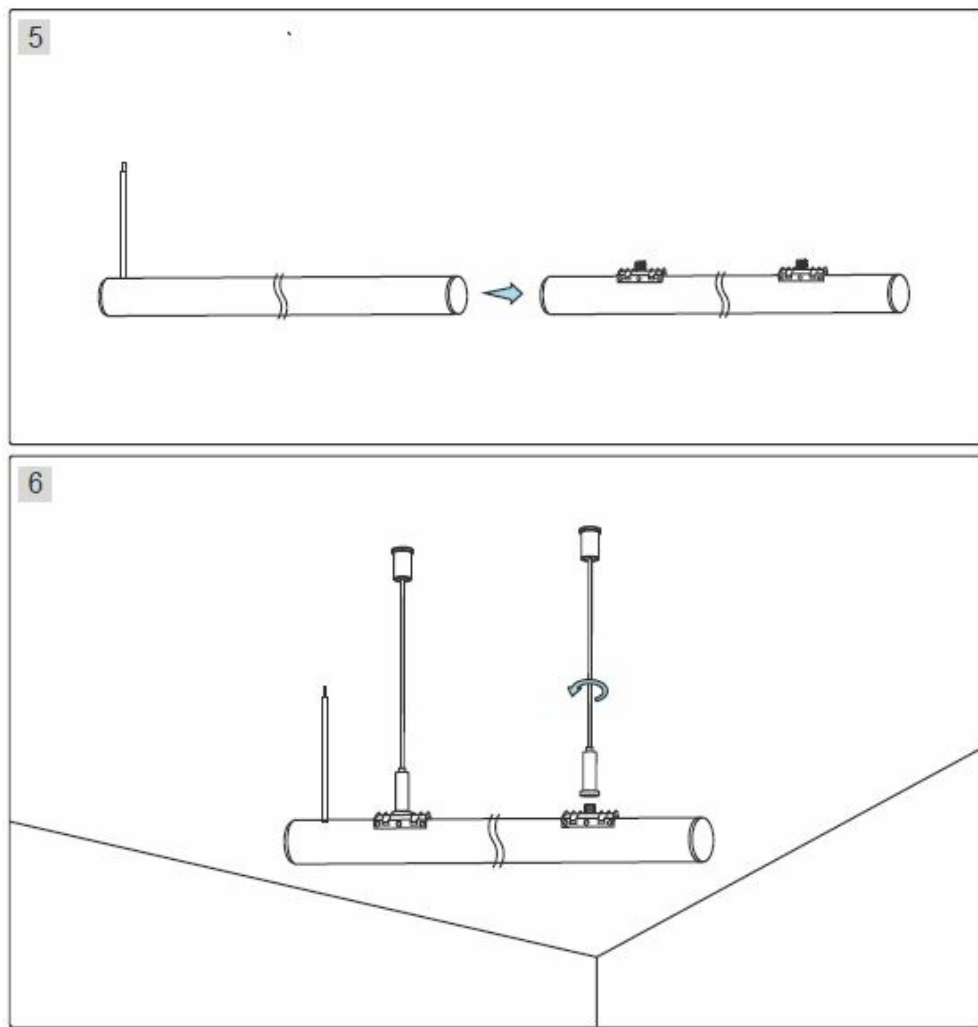


2. Installation steps



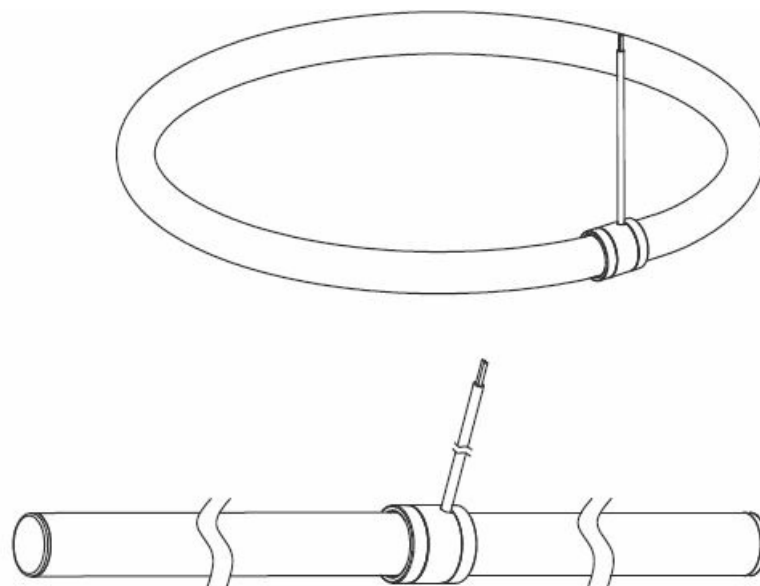
Drilling machine with drill Ø6 mm



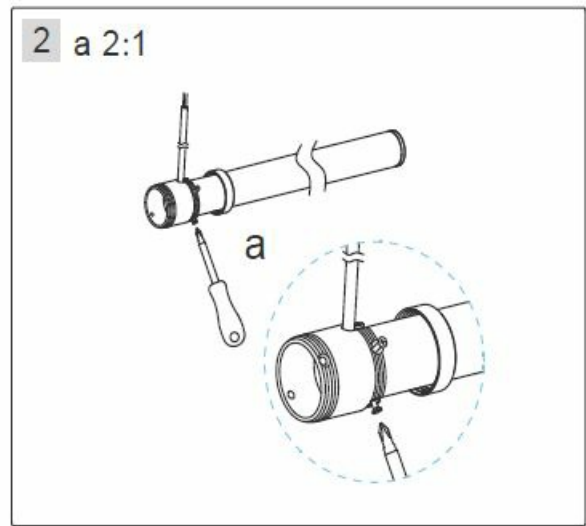
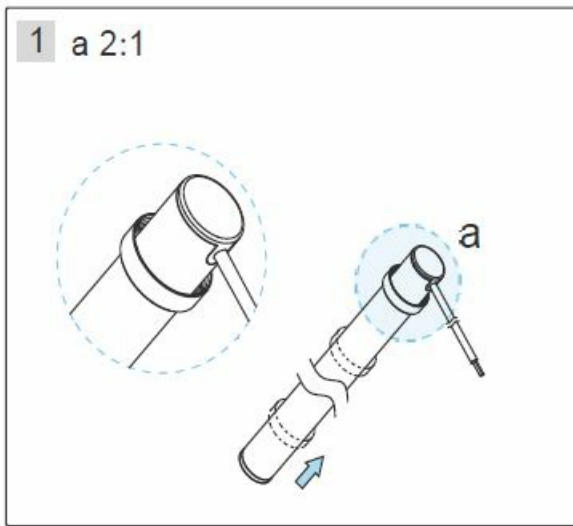


Installation of connectors:

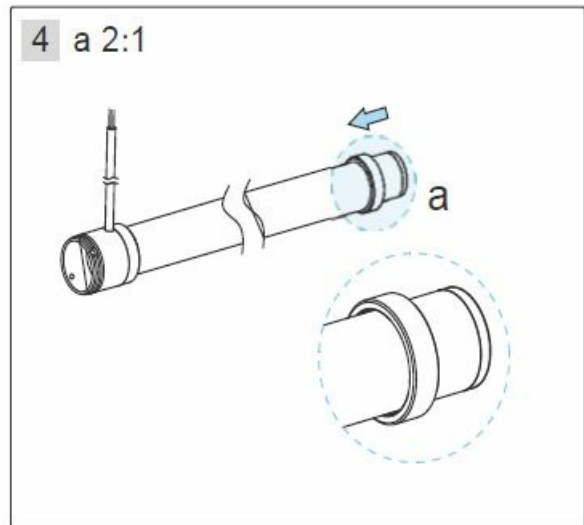
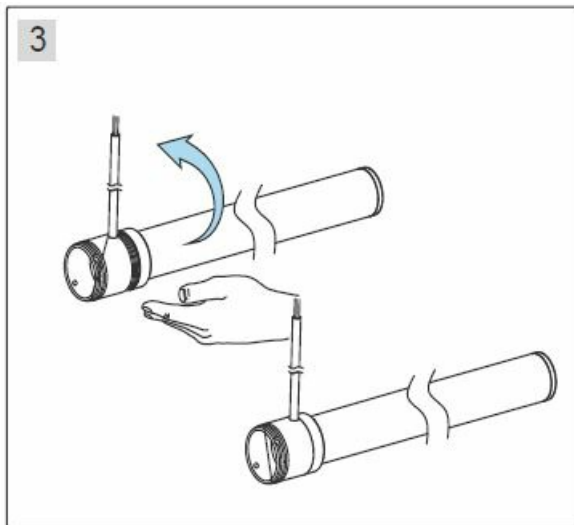
1. Following item is needed for a connector: L6OP7A08



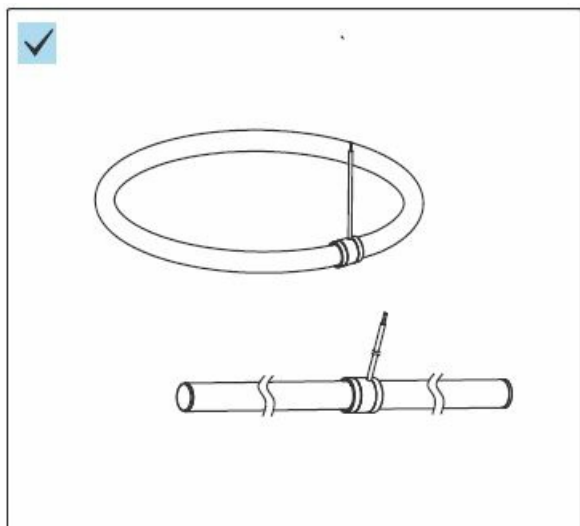
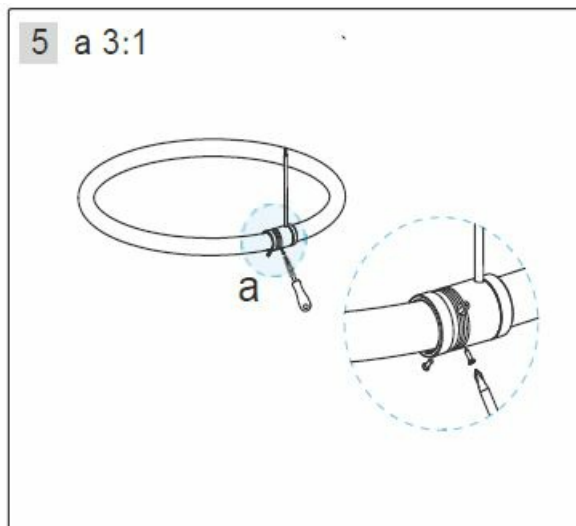
2. Installation steps



Put the connection ring on the Flex Strip OPAL




Move the connection ring back to the connector



MBN GmbH, Balthasar-Schaller-Str. 3, 86316 Friedberg – Germany www.proled.com

Documents / Resources

	<p>PROLED L6OP7xx Flex Strip Opal Shape [pdf] Instruction Manual</p> <p>L6OP7xx Proled Flex Strip Opal Shape, L6OP7xx, Proled Flex Strip Opal Shape, Strip Opal Shape, Opal Shape</p>
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References

-  [PROLED: proled.com](http://proled.com)