LUMINES®

LIGHTING



Installer's Guide

edition 2024

We present to you the latest edition of the **LED aluminum profiles installer's guide**. The guide has been supplemented with the latest models of Lumines Lighting profiles and accessories.

We present the solutions that dominate the market - architectural profiles, staircases, large-size profiles for lighting systems creating main lighting and for installation in suspended ceilings and plasterboards. There will be no shortage of interesting design solutions and practical advice.
As in previous releases, we want to inspire and stimulate creativity.
The guide was created in a small format so that you can always have it at hand.
It is printed on friendly, thin paper to make it easy to use.

So - read and act!

Before installing the LED lights, collect the tools and prepare the mounting surface accordingly.

What you may need:


rubber hammer


pencil with eraser


gauge for carpentry


screwdriver set


soldering station / soldering machine


mounting screws and dowels


scissors


double-sided mounting tape


aluminium saw


drill


extraction gasoline / degreasing preparation


sponge

How to prepare the surface:

Before installing the LED strip, take care to degrease the surface inside the profile. A well-cleaned space will ensure that the bonding with the mounting tape will be more durable. To do this, get rid of dirt by rubbing the surface with a soft sponge, slightly moistened with extraction gasoline or other degreasing preparation.

Make sure there are no swarf left on the surface after cutting the profile or after preparing the mounting holes.

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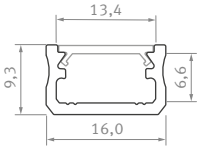
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NAME	TYPE
PROFILE A	SURFACE FURNITURE
APPLICATION	
FOR DECORATIVE ILLUMINATION OF OFFICE ROOMS AND HOUSEHOLDERS	



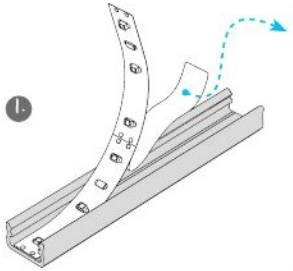
FURNITURE / ON-SURFACE A

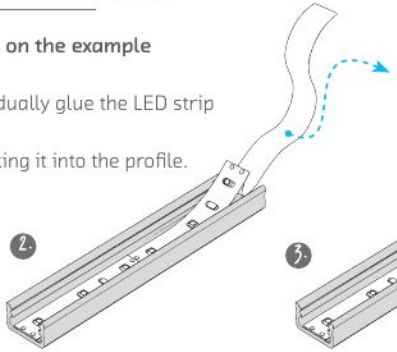
Installation of LED strip and end caps on the example of furniture profile A.

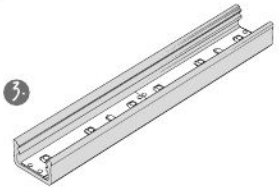
1-3. Peel off the protective layer and gradually glue the LED strip to the profile.

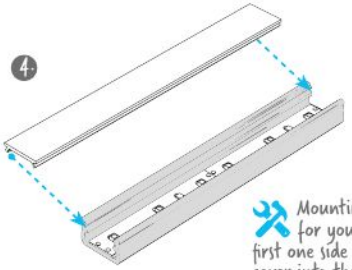
4-7. Install the cover by inserting or clicking it into the profile.

8-9. Insert end caps.



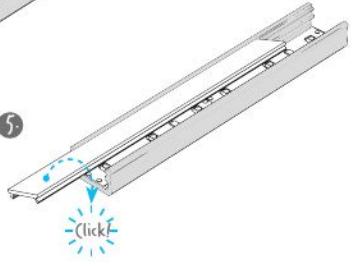


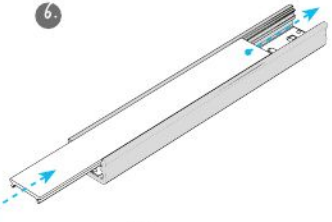


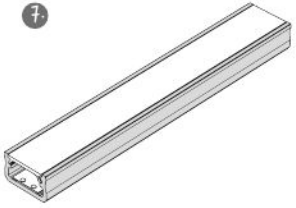


Mounting will be easier for you by clicking at first one side edge of the cover into the profile.





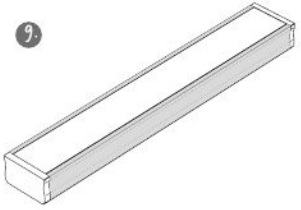




Watch the video



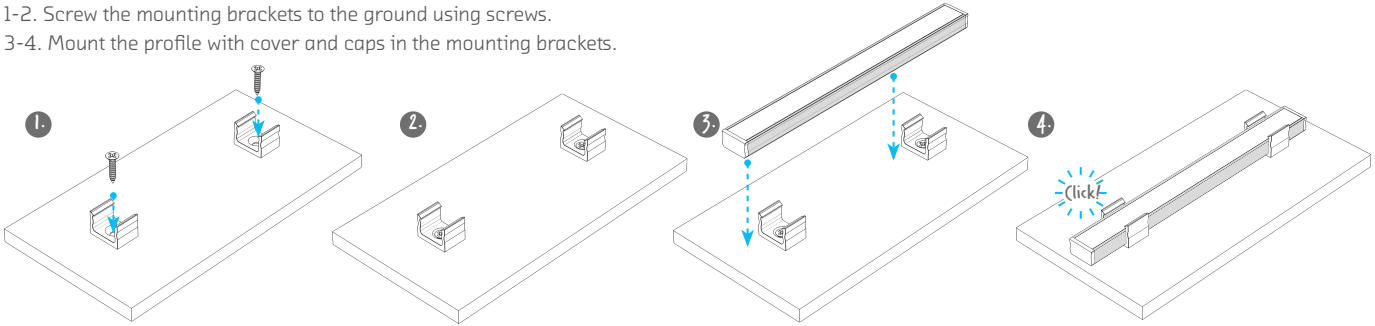




Installation of the furniture profile A using mounting brackets.

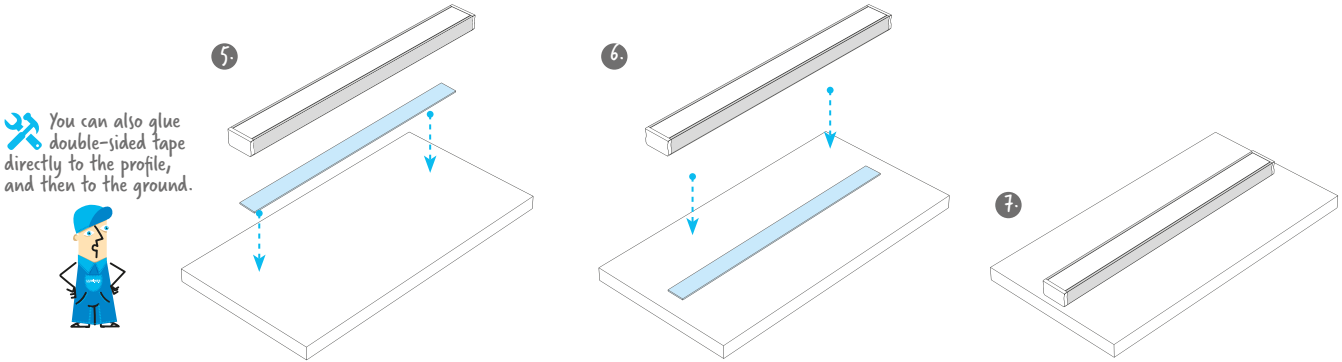
1-2. Screw the mounting brackets to the ground using screws.

3-4. Mount the profile with cover and caps in the mounting brackets.



Installation of the furniture profile A using double side mounting tape.

5-7. Glue the double-sided mounting tape to the ground, peel off the protective layer on both sides and glue the aluminium profile to the strip



Installation of the furniture profile A to the ground using mounting screws.

1-2. Screw the aluminum profile directly to the ground using screws.

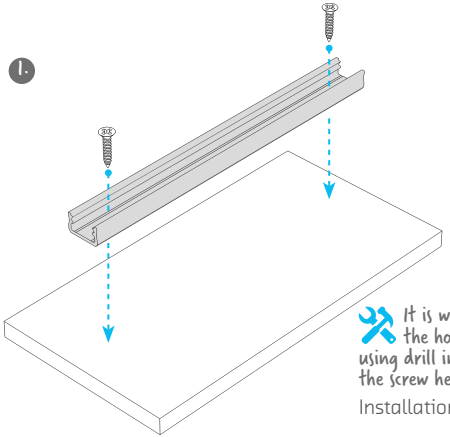
3-4. Glue LED strip to the profile.

5-6. Install cover and end caps.

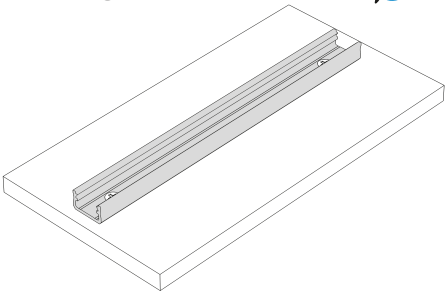


LED strip installation - page 8.

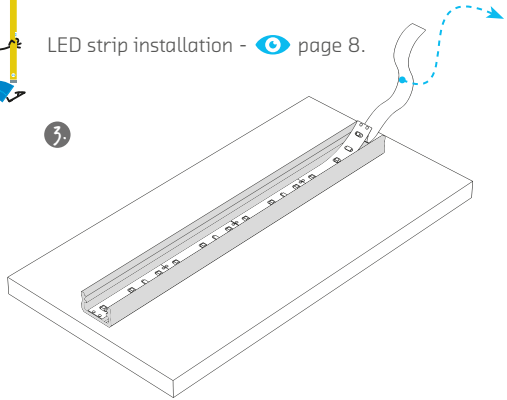
1.



2.



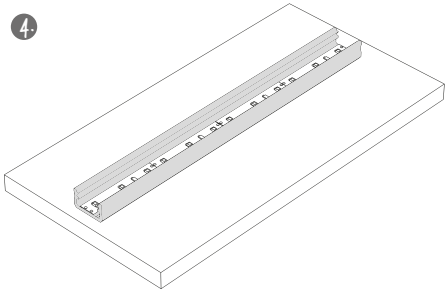
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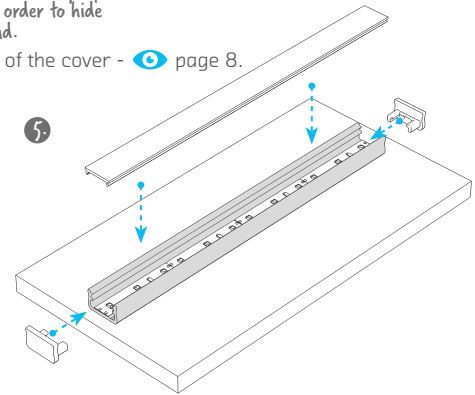
It is worth to chamfer the holes in the profile using drill in order to hide the screw head.

Installation of the cover - page 8.

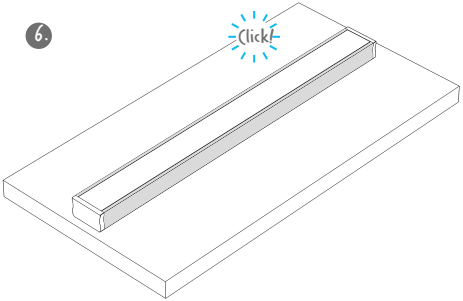
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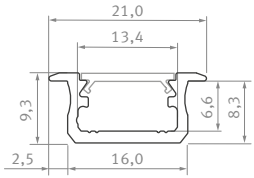


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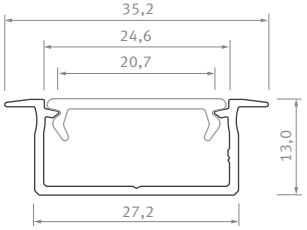


6.





NAME	TYPE
PROFILE B	GROOVE MOUNTED FURNITURE
APPLICATION	
FOR ILLUMINATION OF KITCHENS, SHOPS - LIGHTING OF SHELVES / TABLES	



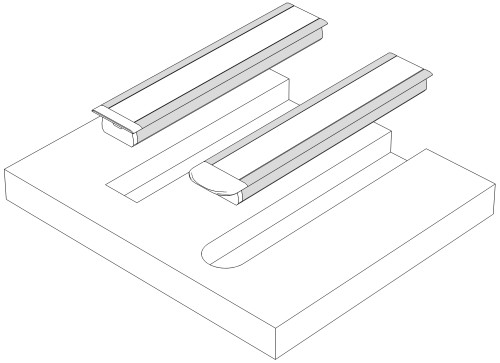
NAME	TYPE
PROFILE GEMI	GROOVE MOUNTED FURNITURE
APPLICATION	
WIDE LED PROFILE FOR INSTALLATION IN MILLED OPENINGS. ENABLES THE INSTALLATION OF TWO PARALLEL LED STRIPS	

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Assembly of the B furniture profile and finishing with the use of end caps

Depending on the finish of the cutter, choose flat or round caps.
Attention: only applies to profile B.

To strengthen the seating of the profile in the cutter, use additionally double-sided mounting tape or assembly adhesive.



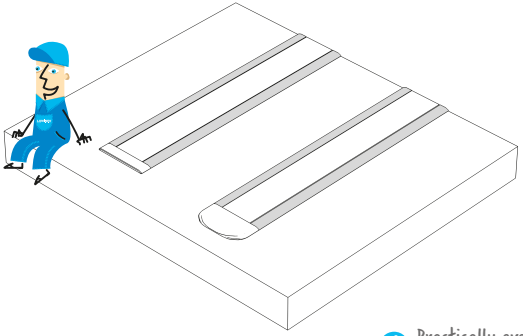
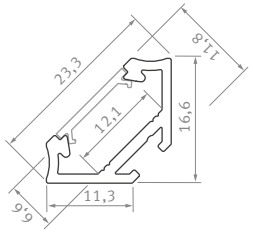


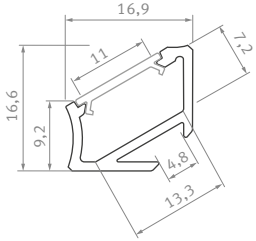
Table of accessories for aluminium profiles – page 136.

Watch the video

Practically every milling is finished with rounding With at least a minimum radius. This is the effect remaining after the milling drill bit. So when we talk about a straight cutter, we think about a finish on the smallest rounds which, when used in conjunction with plugs with a straight finish, will be invisible. To cover the milling process of considerable rounding, the following should be applied a round blanking plug.



NAME	TYPE
PROFILE C	FURNITURE ANGLE 45 DEGREES
APPLICATION	
FOR LIGHTING OF KITCHEN AND SHOP PREMISES – LIGHTING OF CABINETS, TABLES	



NAME	TYPE
PROFILE H	FURNITURE ANGLE 30/60 DEG.
APPLICATION	
FOR LIGHTING KITCHENS, WARDROBE RECESSES, STAIRS. BUILT ASYMMETRICALLY, ALLOWS YOU TO OBTAIN VARIOUS ANGLES OF ILLUMINATION	

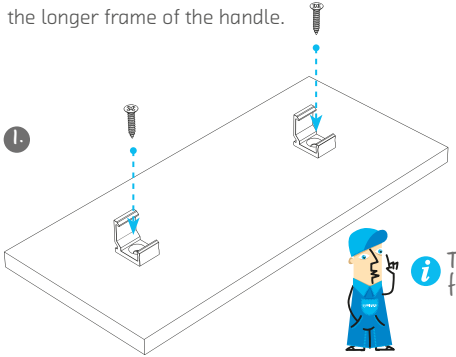
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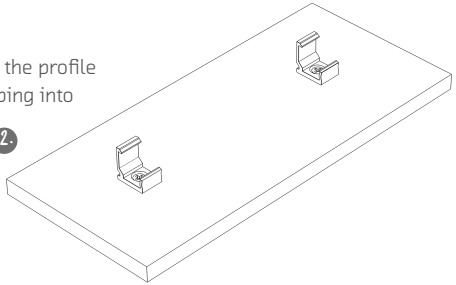
Assembly of C and H furniture profiles using mounting brackets.

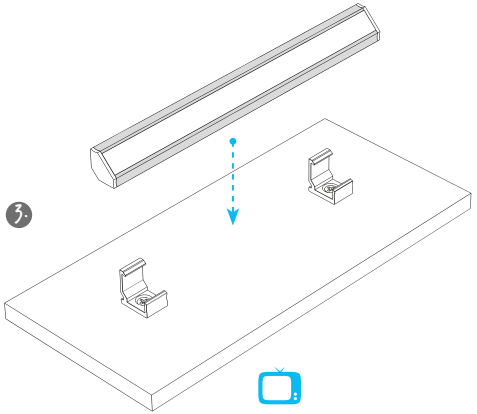
There are two types of angle profiles C and H. The C profile has one fixed angle with an inclination of 45 degrees. The H-profile can be installed with an inclination angle of 30 or 60 degrees.

1-2. Screw the mounting brackets to the ground.

3-6. Push the profile into the brackets, first inserting the profile into the shorter arm of the bracket and then by snapping into the longer frame of the handle.

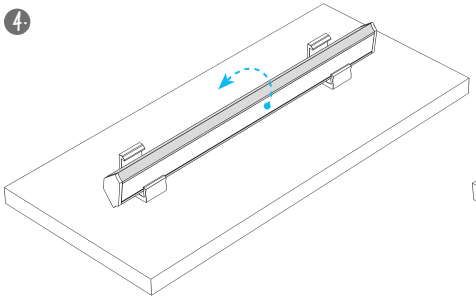


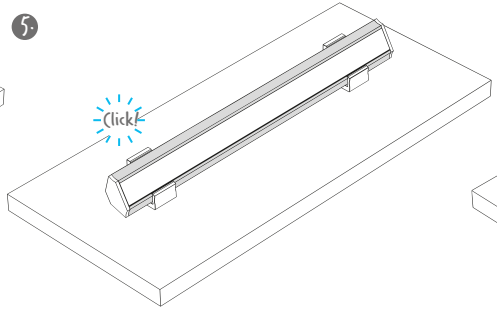


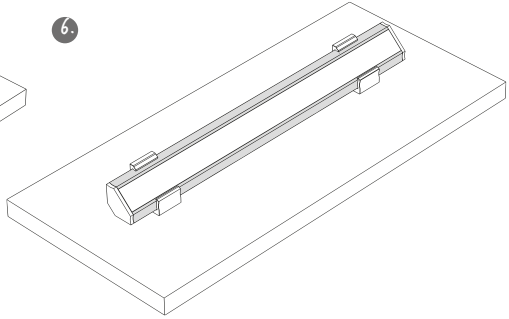


The handle fits for profiles C and H.

Watch the video



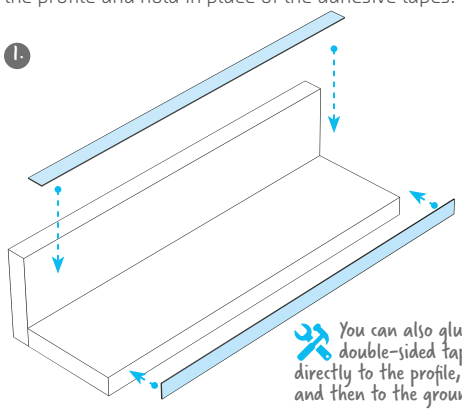




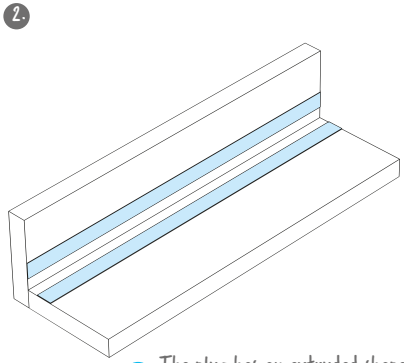
Assembly of C and H furniture profiles using double-sided tape.

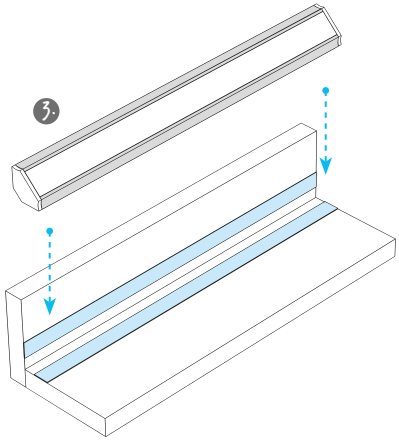
1-2. Glue the double-sided assembly tape to two working surfaces.

3-4. Peel off the protective layer from the adhesive tape, then glue and press the profile and hold in place of the adhesive tapes.



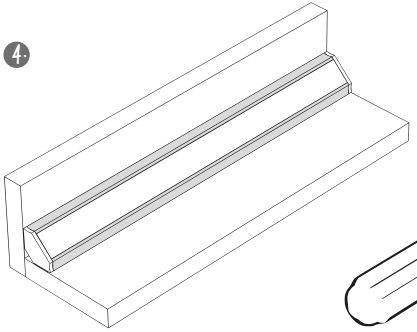
You can also glue double-sided tape directly to the profile, and then to the ground.

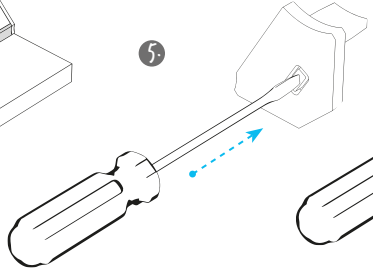


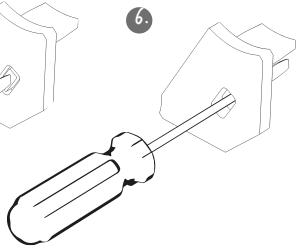


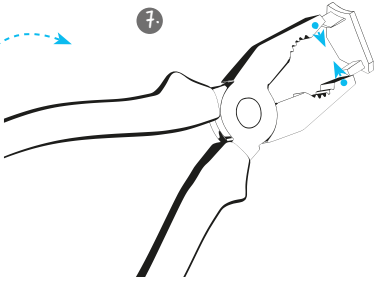
The plug has an extruded shape of a hole. In case the cable is to be carried out through the cap, the hole must be pushed out with a screwdriver at the routing point. Such a procedure prevents unnecessary drilling in the cap.

In this picture we adjust the legs of an aluminium cap up to the profile size. For this purpose, they must be gently bent in or bent out and check the fit after each attempt.







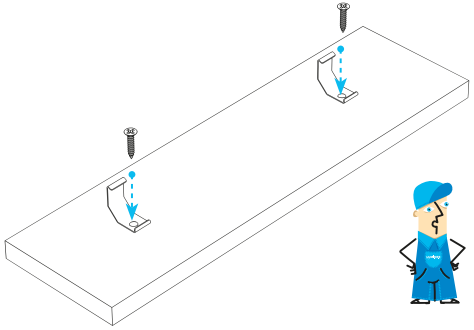


5-6. Push the routed hole in the plastic cap with a rigid tool.

Assembly of the furniture profile H with a metal bracket.

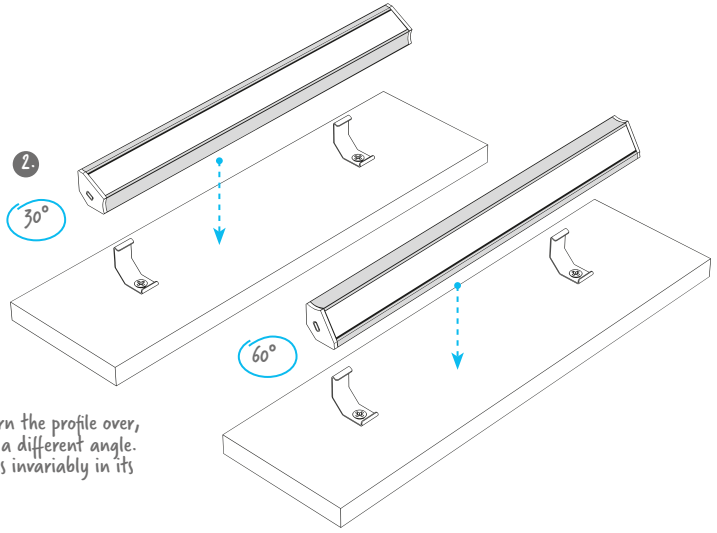
1. Screw the metal brackets to the ground.
2. Select the appropriate profile setting at an angle of 30 or 60 degrees.
3-4. Install the profile in the brackets.

1.

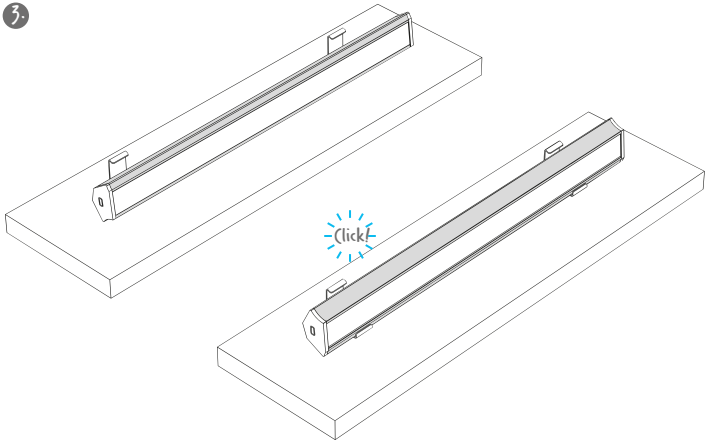


Simply turn the profile over, to obtain a different angle. Handle remains invariably in its position.

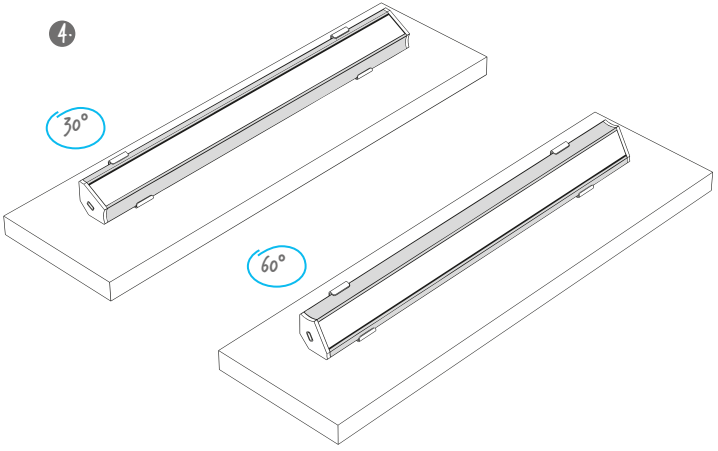
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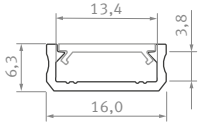


3.



4.





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NAME	TYPE
PROFILE D	SURFACE FURNITURE
APPLICATION	
FOR LIGHTING OF KITCHEN AND SHOP PREMISES – LIGHTING OF CABINETS, TABLES, STAIRS	

Assembly of the furniture profile D with the use of a hinge.

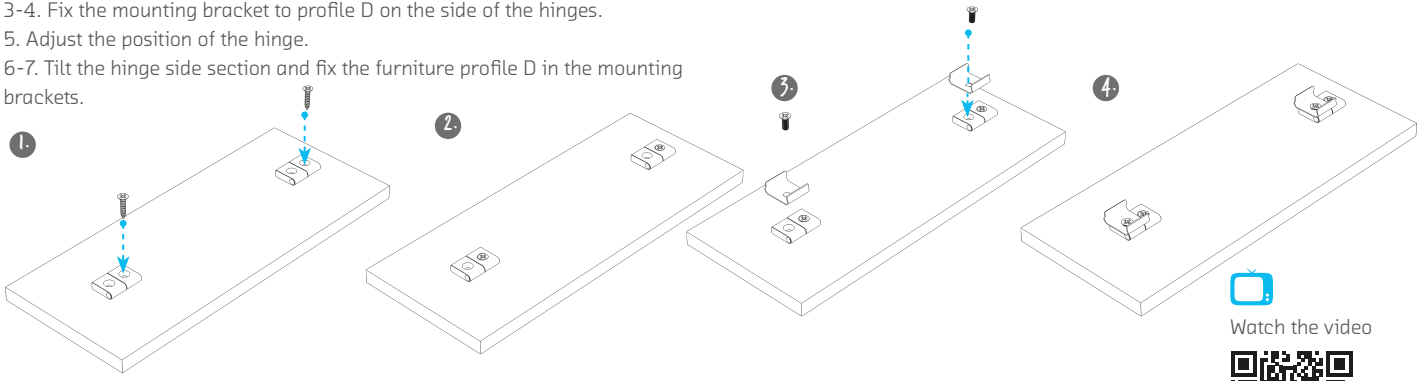
1-2. Screw the hinges to the ground with mounting screws.

3-4. Fix the mounting bracket to profile D on the side of the hinges.

5. Adjust the position of the hinge.

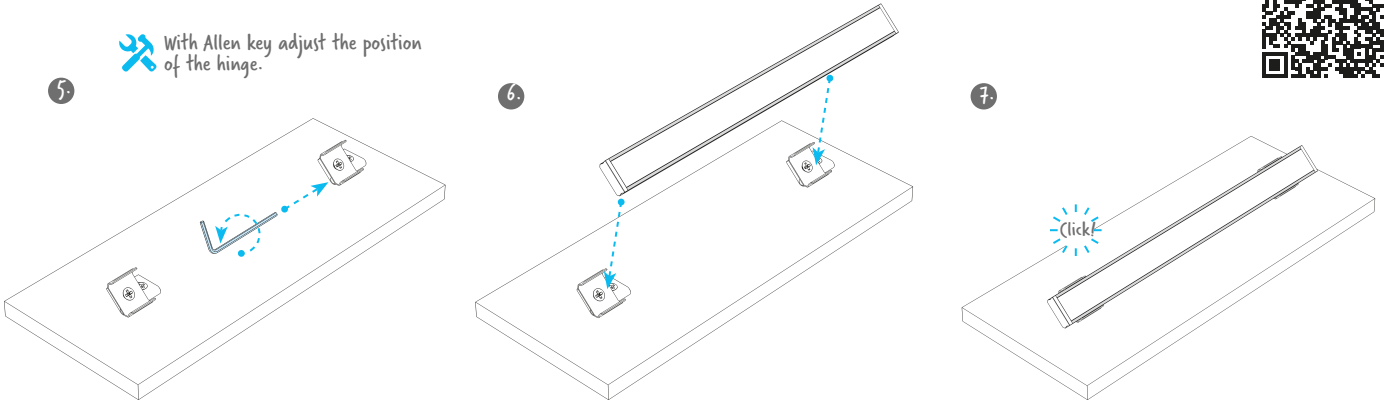
6-7. Tilt the hinge side section and fix the furniture profile D in the mounting brackets.

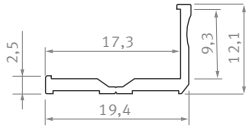
Attach the metal bracket to profile D for profile hinge fixed to the ground.



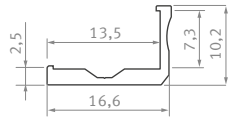
Watch the video

With Allen key adjust the position of the hinge.





NAME	TYPE
PROFILE E	SURFACE FURNITURE
APPLICATION	
FOR ILLUMINATION OF UTILITY ROOMS, HOUSEHOLD ROOMS – IN THE RECESSES, FOR FURNITURE SHELVES	



NAME	TYPE
PROFILE F	SURFACE FURNITURE
APPLICATION	
FOR ILLUMINATION OF UTILITY ROOMS, HOUSEHOLD ROOMS – IN THE RECESSES, FOR FURNITURE SHELVES	

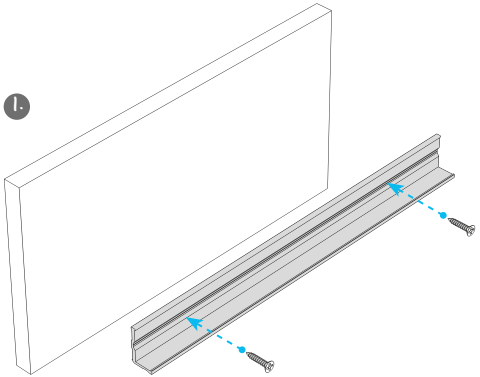
LUMINES® LIGHTING

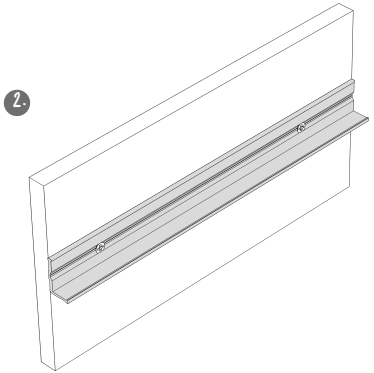
Example installation of E/F profiles.

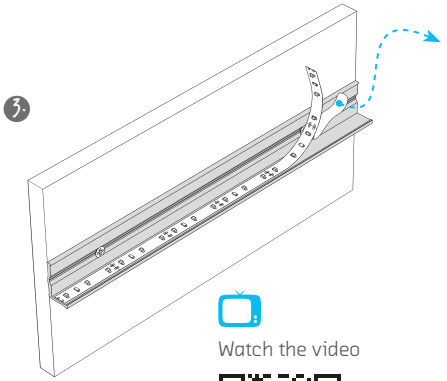
1-2. Mount the profile using the mounting screws and install it in the profile groove.

3. Glue LED strip to the profile.

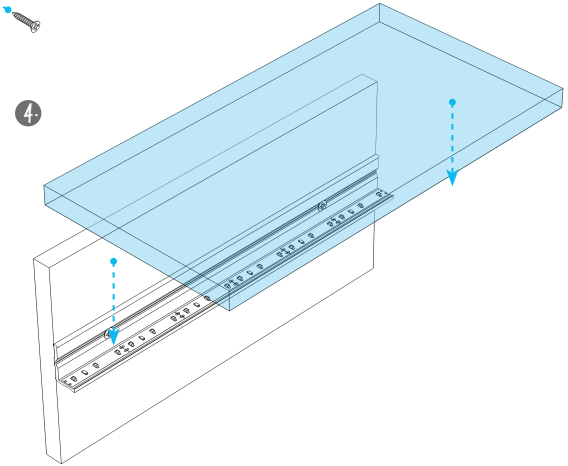
4-5. Place the shelf on the fixed profile.

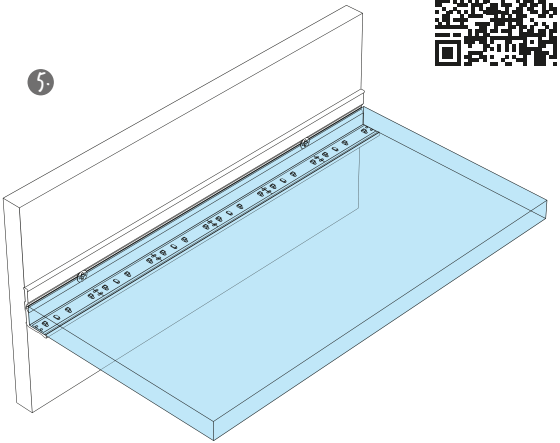


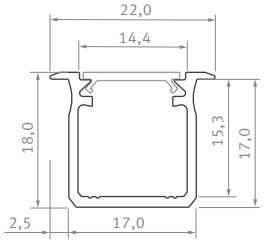




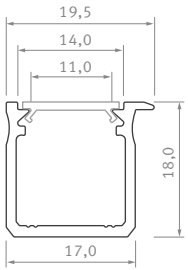
Watch the video



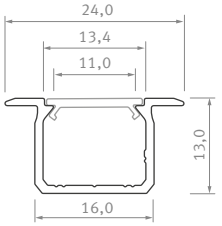




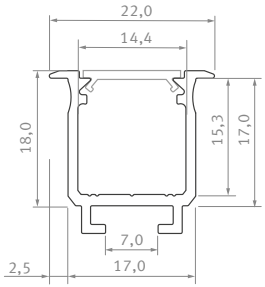
NAME	TYPE
PROFILE G	RECESSED FURNITURE
APPLICATION	
FOR LIGHTING OF KITCHEN AND SHOP PREMISES – LIGHTING OF CABINETS, TABLES, STAIRS	



NAME	TYPE
PROFILE J	RECESSED FURNITURE
APPLICATION	
RECESSED PROFILE – TO BE INSTALLED IN A MILLED GROOVE. THE PROFILE IS FINISHED ON ONE SIDE, WHICH ALLOWS IT TO FIT WITH A PERPENDICULAR SURFACE	



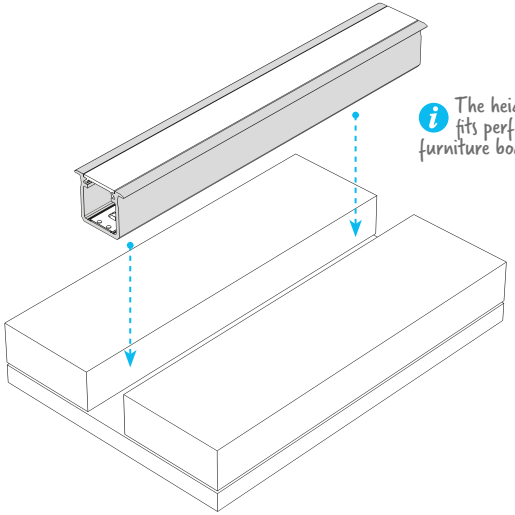
NAME	TYPE
PROFILE U	RECESSED FURNITURE
APPLICATION	
PROFILE WITH A HEIGHT ADJUSTED TO A STANDARD 12 MM PLASTERBOARD OR FURNITURE BOARD. ALLOWS FOR QUICK RECESSED INSTALLATION WITHOUT THE NEED FOR FINISHING WITH FINISHING COAT	



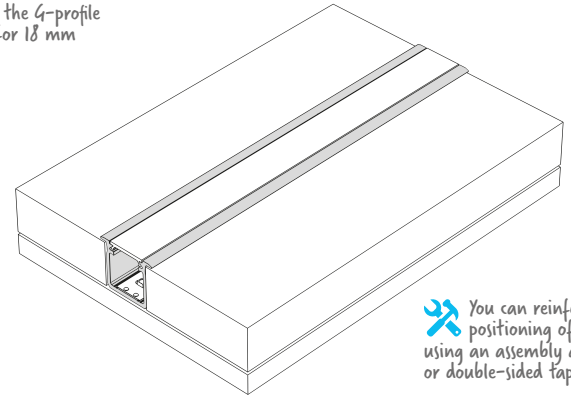
NAME	TYPE
PROFILE W	RECESSED FURNITURE
APPLICATION	
RECESSED PROFILE – FOR INSTALLATION IN LIGHTWEIGHT STRUCTURES WITH THE USE OF MOUNTING SPRINGS	

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Installing the G furniture profile between the 18 mm thick furniture boards.



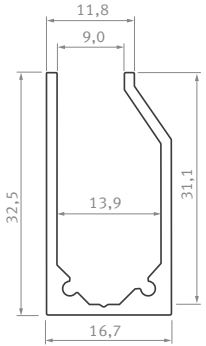
The height of the G-profile fits perfectly for 18 mm furniture board.



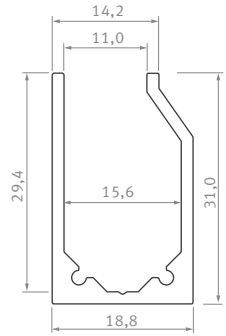
You can reinforce the positioning of the profile, using an assembly adhesive, or double-sided tape.



Watch the video



NAME	TYPE
PROFILE I6	WINDOW FURNITURE
APPLICATION	
FOR FIXING AND LIGHTING SHOP SHELVES, INFORMATION PLATES AND DECORATIVE PLATES	



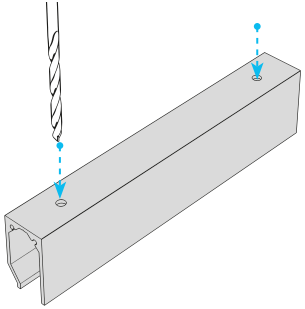
NAME	TYPE
PROFILE I10	WINDOW FURNITURE
APPLICATION	
FOR FIXING AND LIGHTING SHOP SHELVES, INFORMATION PLATES AND DECORATIVE PLATES	

LUMINES® LIGHTING

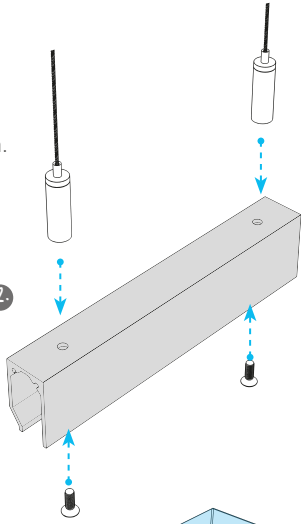
Installing the I6 glazing profile in a vertical arrangement using the FARI mounting profile.

1-2. Drill holes in the I6 window profile for the suspension system.
3-4. Install LED strips and use double-sided mounting tape.
5-6. Glue the window to the FARI profile.

1.

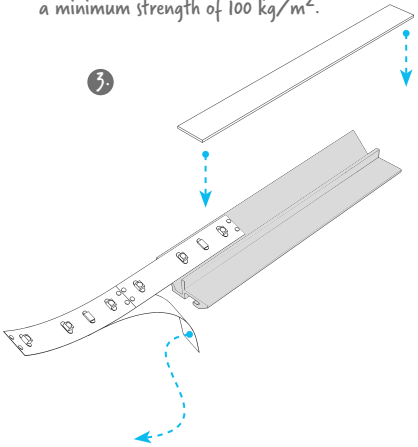


2.

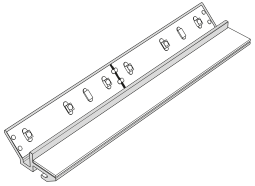


The quality of the double-sided tape is in this case unusually relevant. Use double-sided tape with a minimum strength of 100 kg/m².

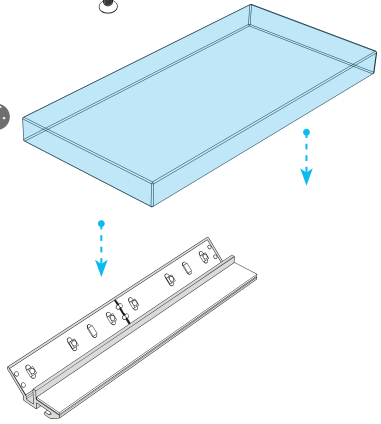
3.



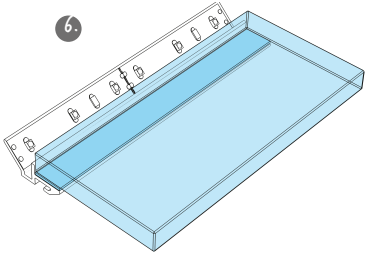
4.



5.

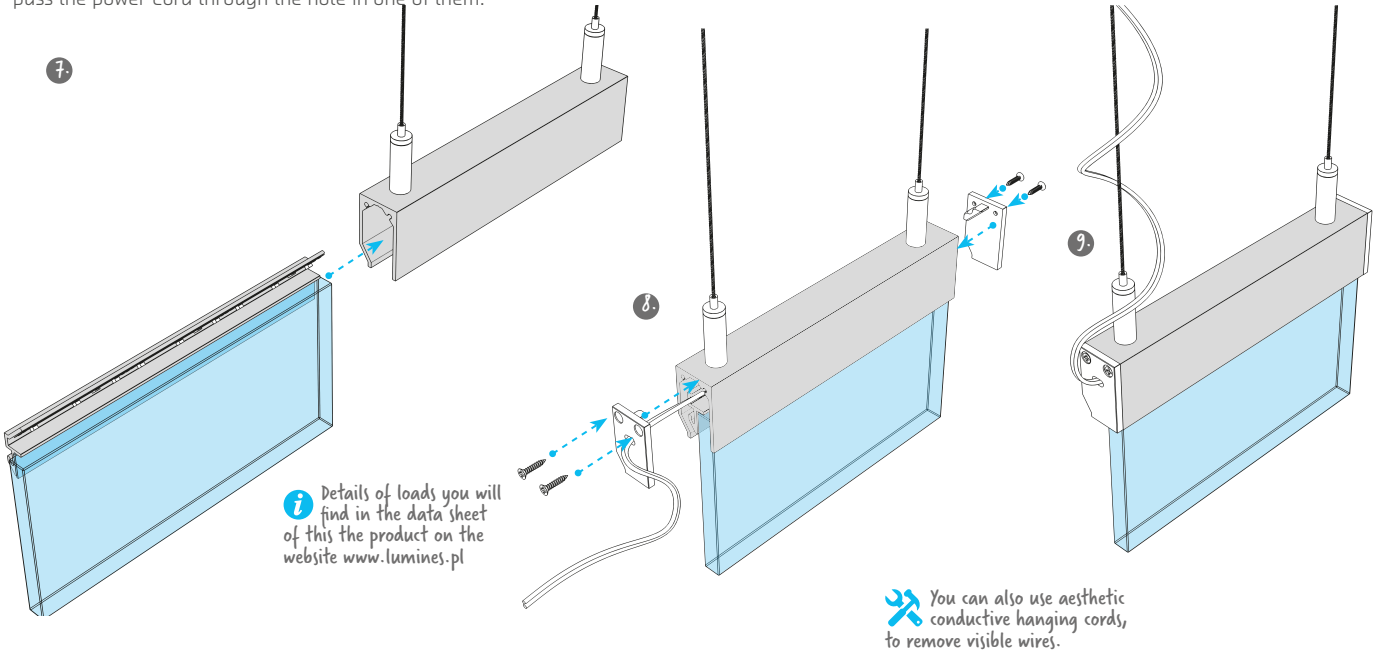


6.



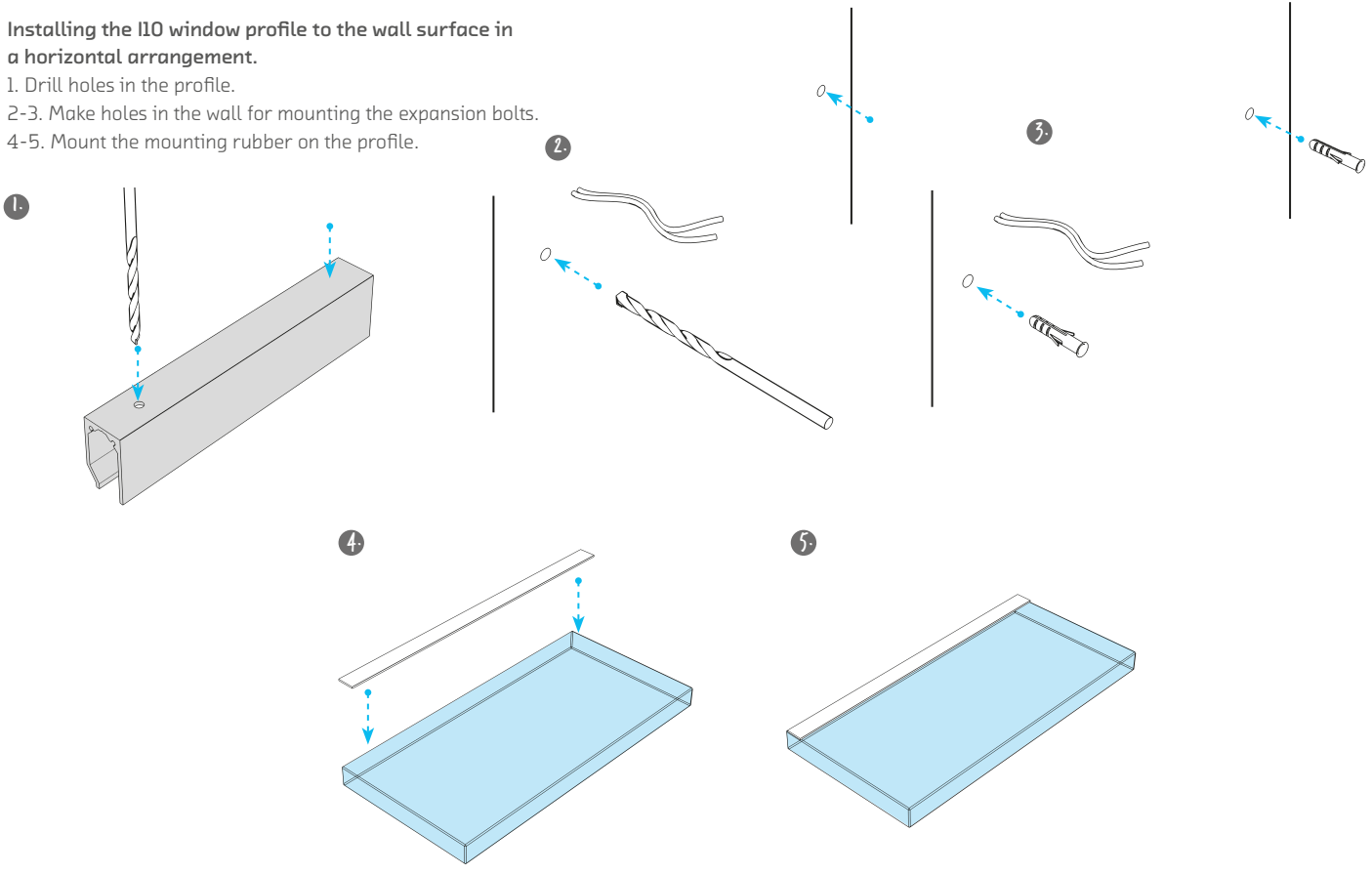
Watch the video

7-9. Slide the FARI profile together with the pane/plexi into the I6 profile, install the aluminium caps at the ends of the profile and pass the power cord through the hole in one of them.



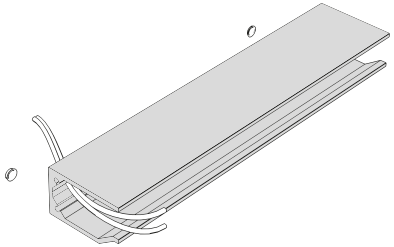
Installing the I10 window profile to the wall surface in a horizontal arrangement.

1. Drill holes in the profile.
2-3. Make holes in the wall for mounting the expansion bolts.
4-5. Mount the mounting rubber on the profile.



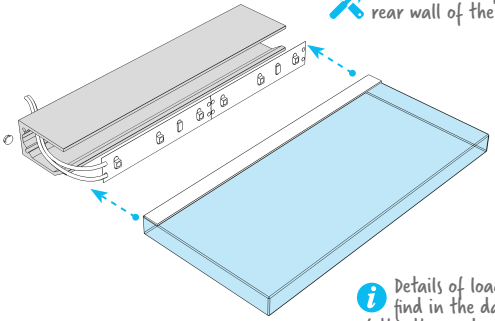
6-7. Mount the LED strip in the profile and lead the supply wires through the prepared holes.
7-8. Insert the glass with the mounted rubber into the profile and lock it with the side caps.
9-10. Screw the profile to the wall through the holes in the side cap supports

6.



Remember that you need to choose an appropriate dedicated cap up to glass/plexi thickness (6, 8 or 10 mm).

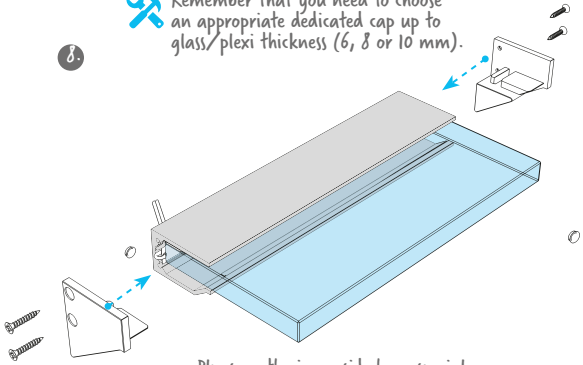
7.



Stick the LED tape to the rear wall of the profile.

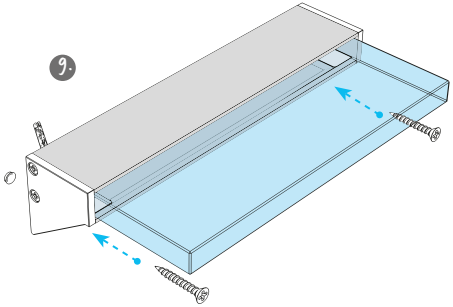
Details of loads you will find in the data sheet of this the product on the website www.lumines.pl

8.

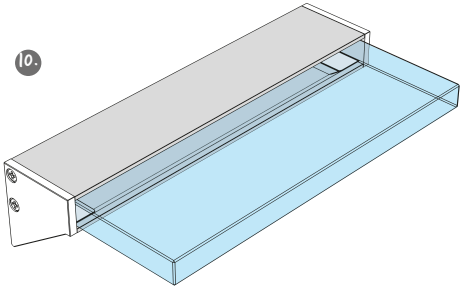


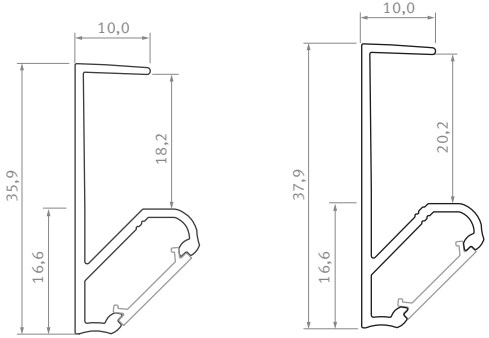
Plugs on the inner side have special openings, thanks to which it possible to fix the profile to the wall.

9.



10.





Q18 / Q20

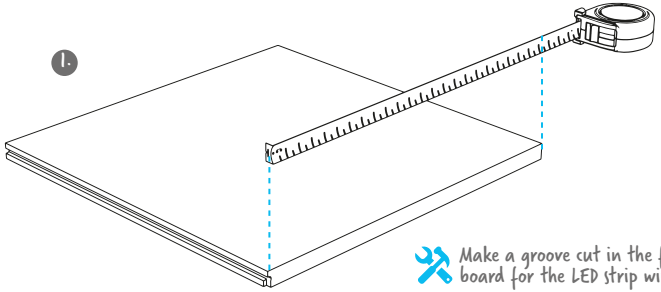
NAME	TYPE
PROFILE Q18 / Q20	SURFACE FURNITURE
APPLICATION	
45° ANGLE CORNER PROFILE – SHELF LIGHTING	

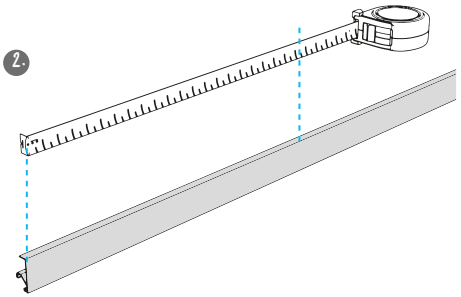
LUMINES® LIGHTING

Installation of the Q18 profile on the shelf.

1-2. Measure and cut the profile to the needed length.

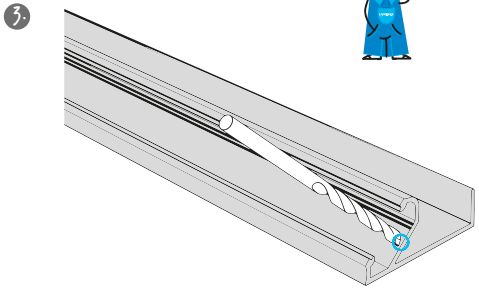
3-4. Drill a hole in the profile for the LED strip power cable.

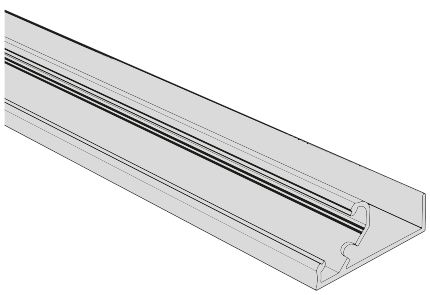




Make a groove cut in the furniture board for the LED strip wires.

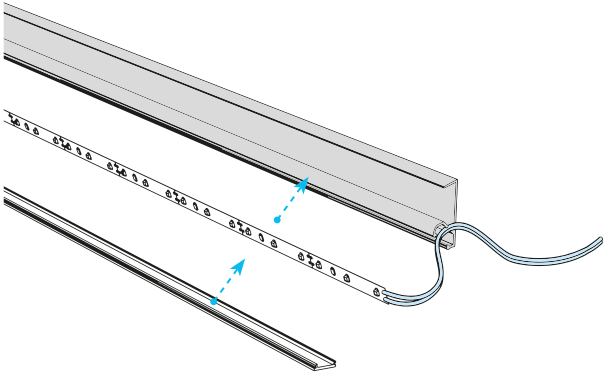


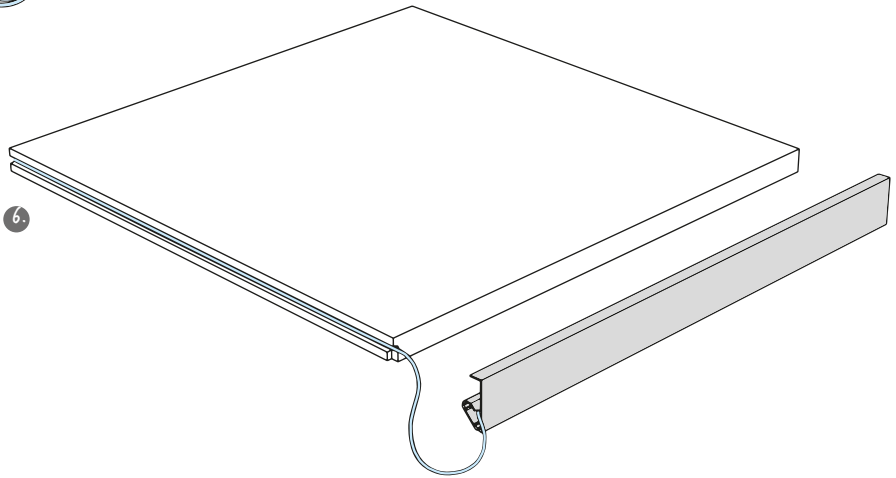




5. Install the LED strip in the profile, lead the wires through the prepared hole and mount the cover.
6-8. Attach the profile with glue or mounting tape to the edge of the furniture board and lead the LED strip cable through the groove in the board.

5.

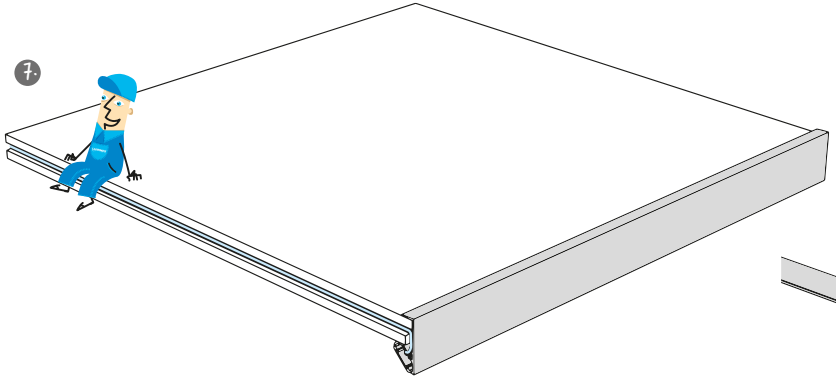




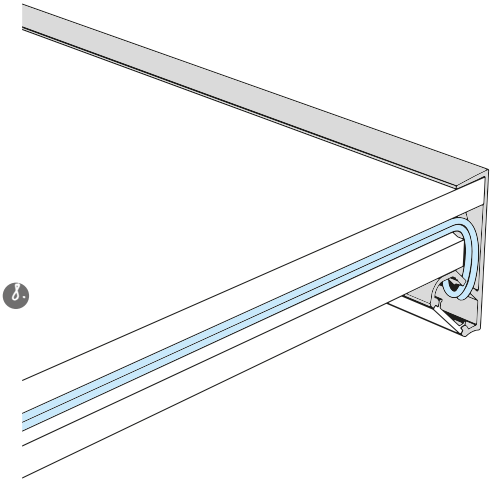
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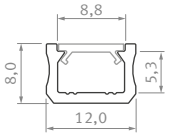
Watch the video

7.



8.





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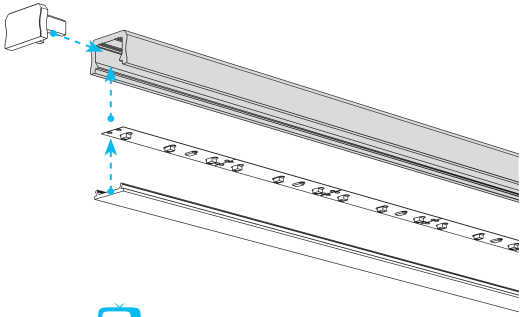
NAME	TYPE
PROFILE X	SURFACE FURNITURE
APPLICATION	
FOR DISCREET LIGHTING OF KITCHEN ROOMS, SHOPS – ILLUMINATION OF TABLES, HANDRAILS	

Example of X-profile installation in the lower part of the stairs, in a milled hole.

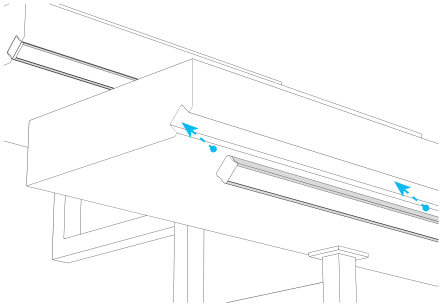


Profile installation - page 9.

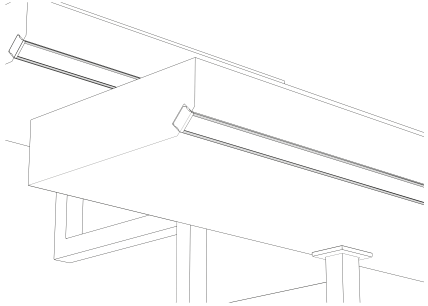
1.



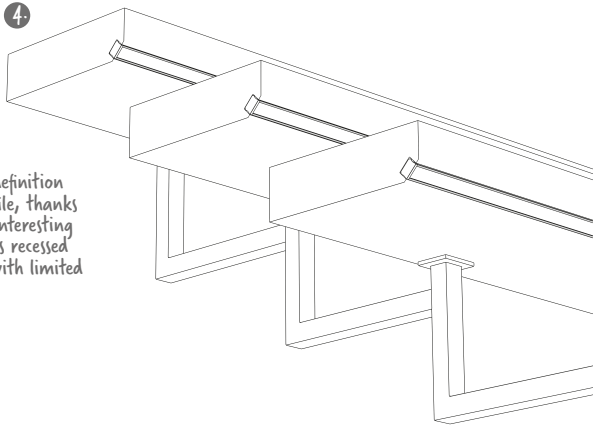
2.



3.



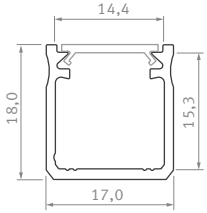
4.



Watch the video



Profile X, which by definition is a on-surface profile, thanks to its small size, it is an interesting alternative to applications recessed in hard-to-reach places with limited working space.

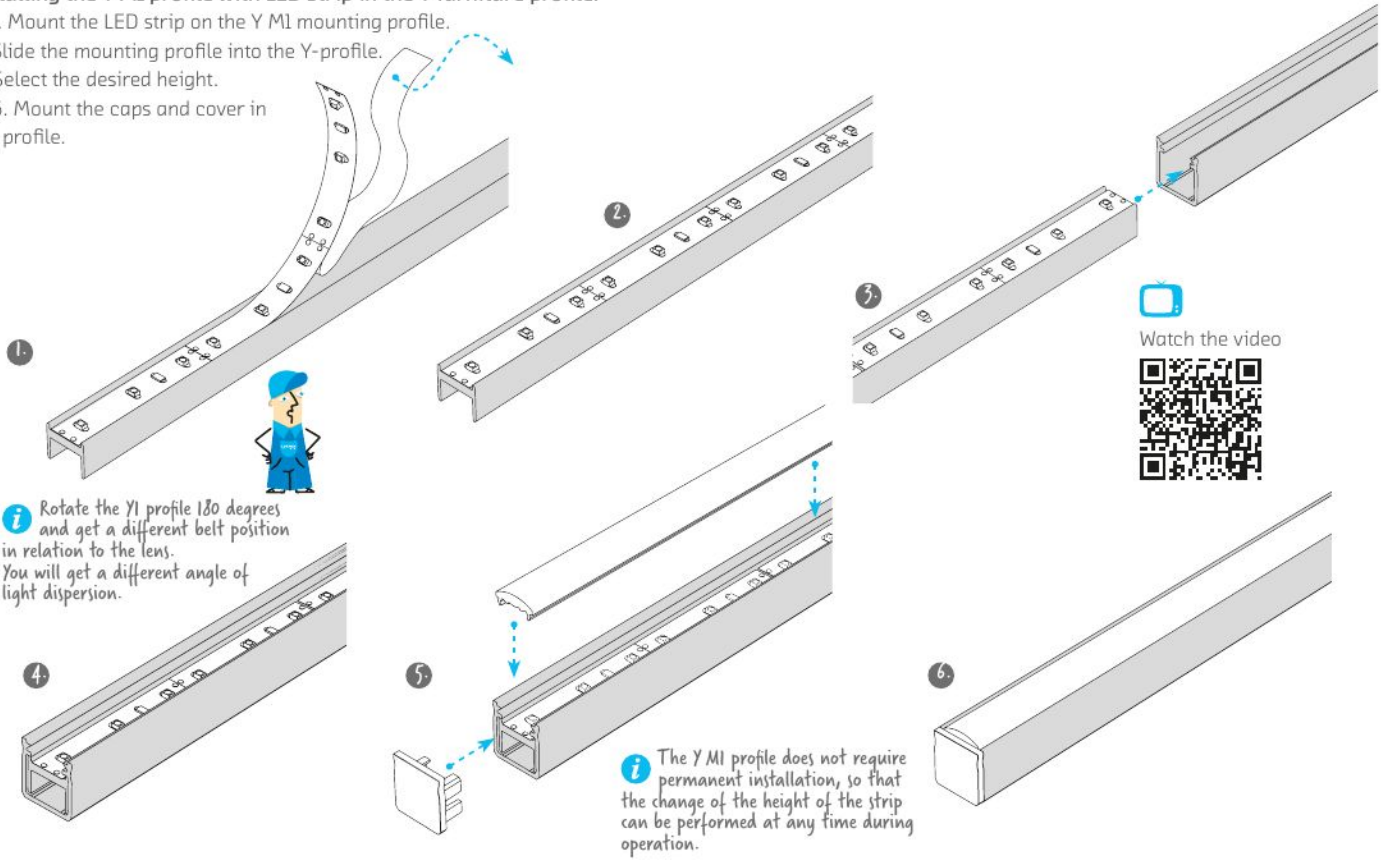


LUMINES® LIGHTING

NAME	TYPE
PROFILE Y	SURFACE FURNITURE
APPLICATION	
FOR LIGHTING OF HOUSEHOLDS AND OFFICES – LIGHTING OF COLUMNS, TABLES	

Installing the Y M1 profile with LED strip in the Y furniture profile.

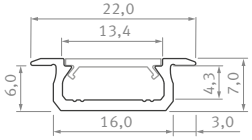
1-2. Mount the LED strip on the Y M1 mounting profile.
3. Slide the mounting profile into the Y-profile.
4. Select the desired height.
5-6. Mount the caps and cover in the profile.



Watch the video

Rotate the Y1 profile 180 degrees and get a different belt position in relation to the lens.
You will get a different angle of light dispersion.

The Y M1 profile does not require permanent installation, so that the change of the height of the strip can be performed at any time during operation.

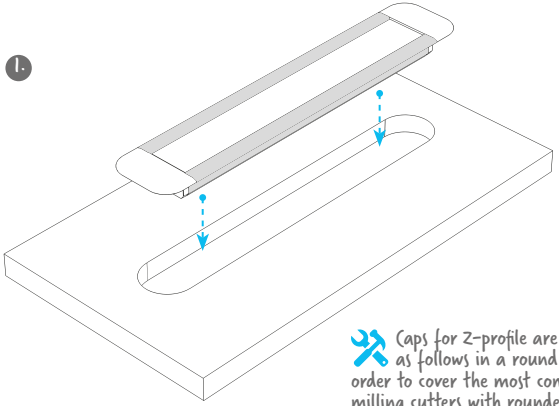


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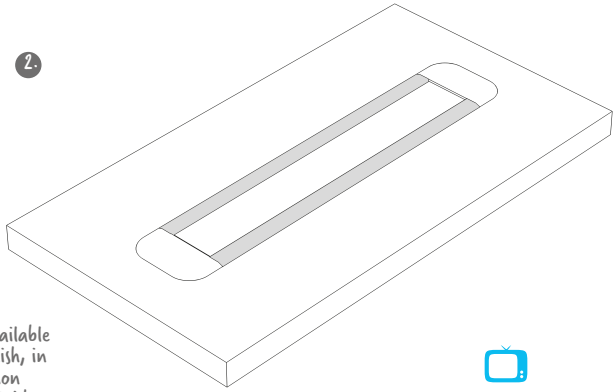
NAME	TYPE
PROFILE Z	RECESSED FURNITURE
APPLICATION	
FOR LIGHTING OF KITCHEN AND SHOP PREMISES – LIGHTING OF CABINETS, TABLES	

Installing the Z furniture profile in the milled hole.

1.



2.

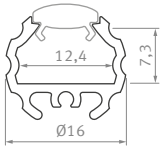


Caps for Z-profile are available as follows in a round finish, in order to cover the most common milling cutters with rounded finishes.



For straight milling the B-profile on page 12.

Watch the video



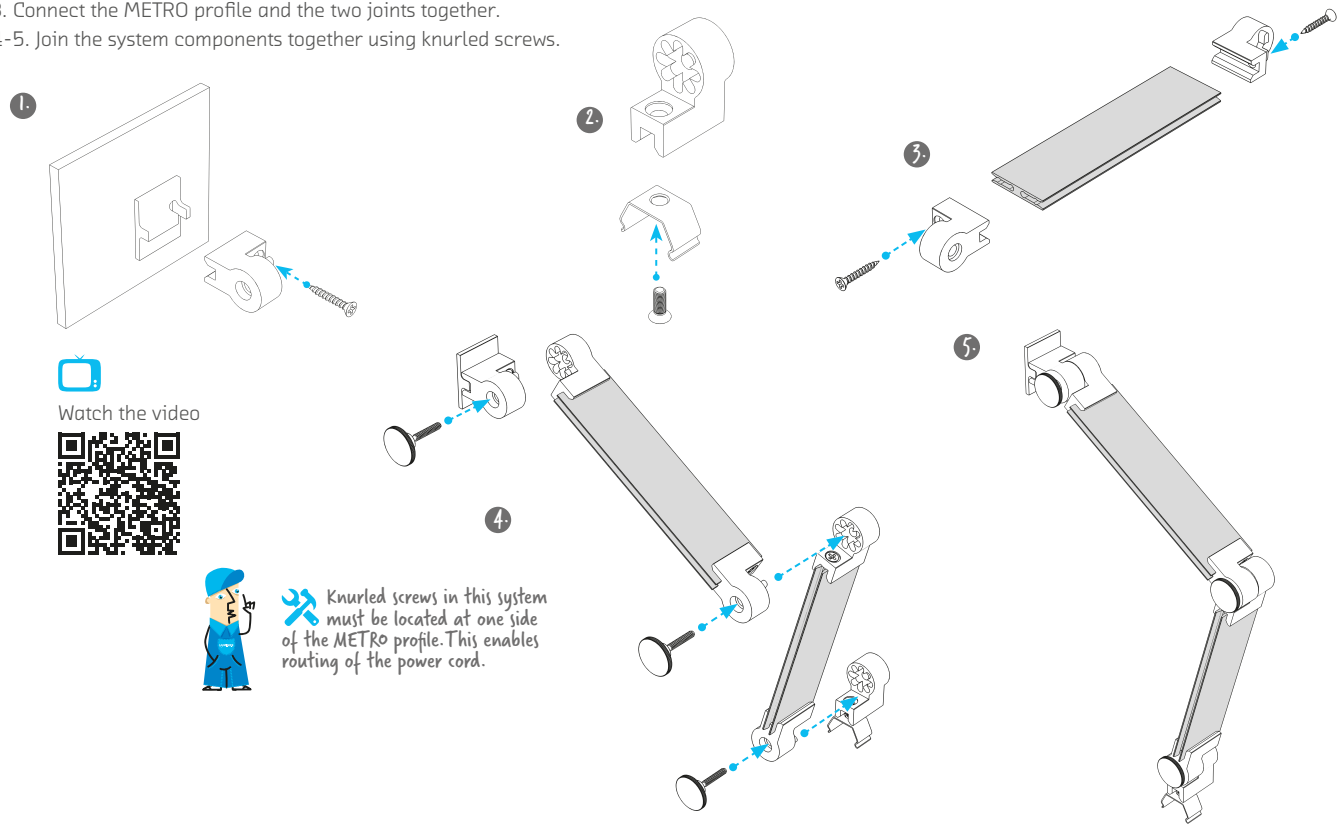
LUMINES® LIGHTING

NAME	TYPE
PROFILE MICO	ROUND FURNITURE
APPLICATION	
FOR SPOT DECORATIVE ILLUMINATION OF PAINTINGS, SHOP WINDOWS, EXHIBITIONS	

Assembly of the articulated system using MICO round profile and METRO support profile.

1. Place the base on the wall, then place the male joint in its protrusion and twist the two elements together.
2. Use a screw to fix the mounting bracket to the MICO profile with female hinge.
3. Connect the METRO profile and the two joints together.

4-5. Join the system components together using knurled screws.

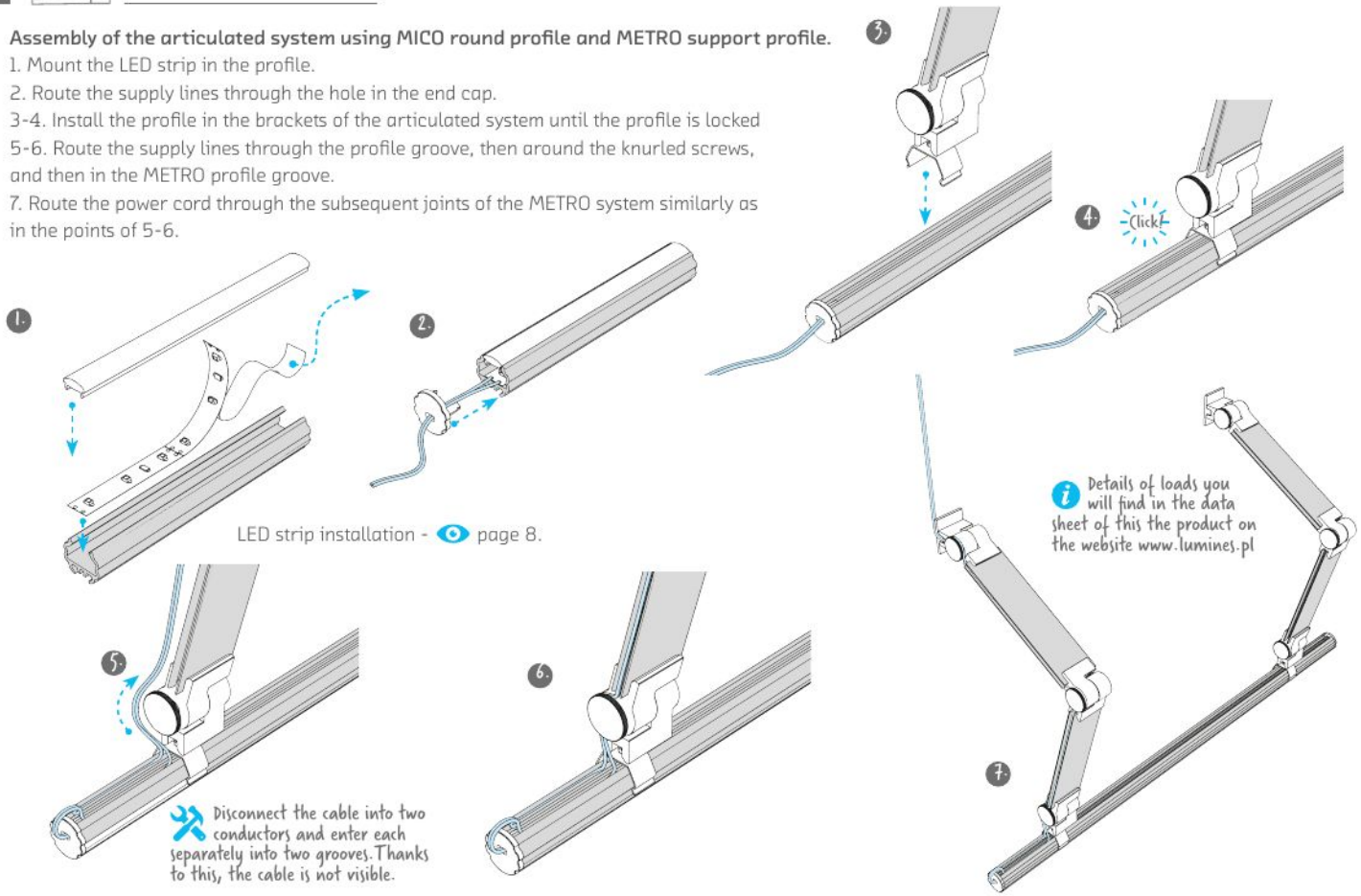


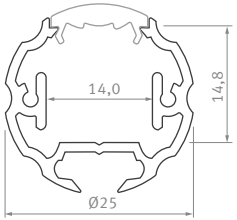
Watch the video

Knurled screws in this system must be located at one side of the METRO profile. This enables routing of the power cord.

Assembly of the articulated system using MICO round profile and METRO support profile.

1. Mount the LED strip in the profile.
2. Route the supply lines through the hole in the end cap.
3-4. Install the profile in the brackets of the articulated system until the profile is locked
5-6. Route the supply lines through the profile groove, then around the knurled screws, and then in the METRO profile groove.
7. Route the power cord through the subsequent joints of the METRO system similarly as in the points of 5-6.



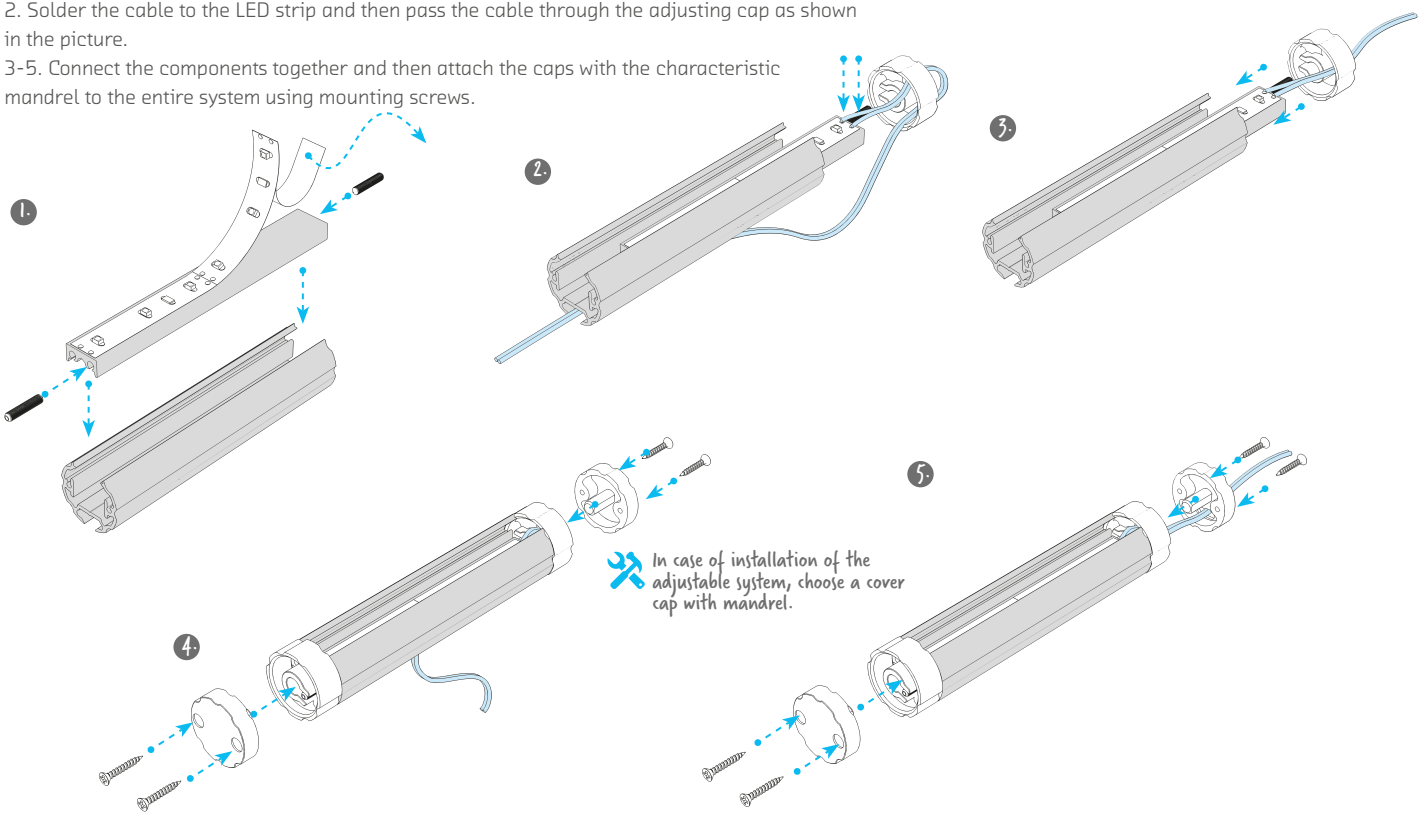


LUMINES® LIGHTING

NAME	TYPE
PROFILE COSMO	ROUND/ADJUSTABLE FURNITURE
APPLICATION	
FOR LIGHTING THE INTERIOR OF CABINETS, REPLACING THE BASIC CONSTRUCTION OF THE TRAIL. FOR DECORATIVE AND SPOT LIGHTING	

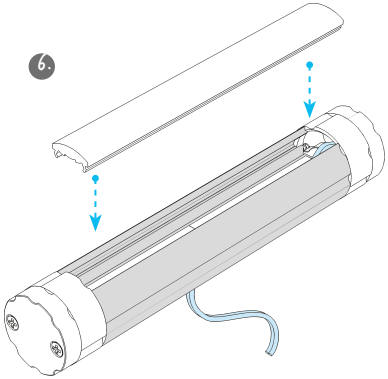
Mounting of the COSMO profile together with the system adjusting the height of the LED strip.

1. Glue the LED strip to the COSMO M1 mounting profile and put on the "adjustment pins".
2. Solder the cable to the LED strip and then pass the cable through the adjusting cap as shown in the picture.
3-5. Connect the components together and then attach the caps with the characteristic mandrel to the entire system using mounting screws.



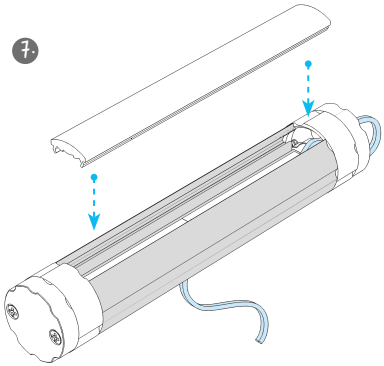
6-8. Attach the cover to the COSMO profile.
9. Adjust the position of the COSMO M1 profile inside the COSMO profile with movable caps.

6.

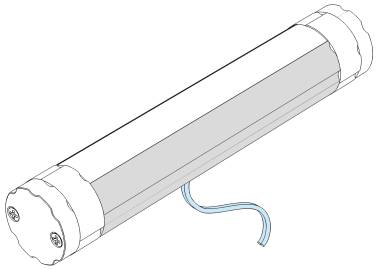


Remember about the right position of supply lines.

7.



8.

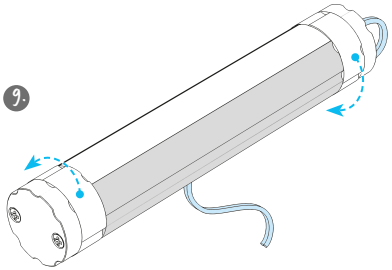


After setting the angle of illumination, we can tighten the fastening screws of plugs to lock the position of the COSMO M1 profile.



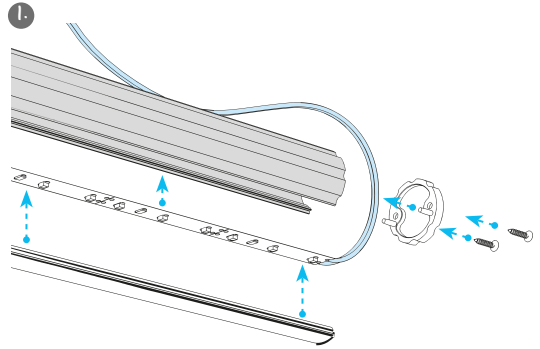
Watch the video

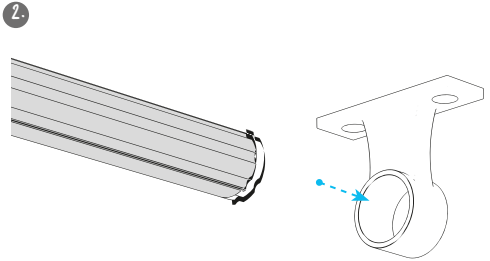
9.

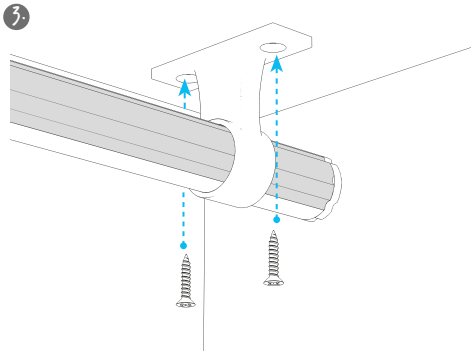


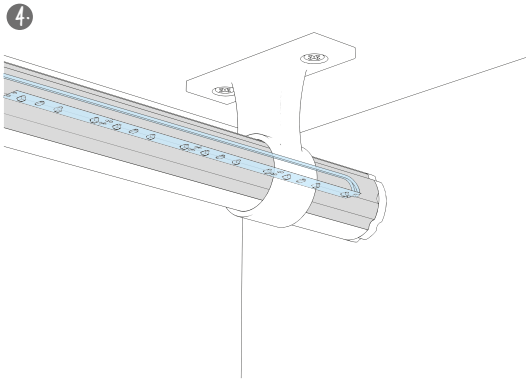
Suggestions for the use of COSMO round profile in 3 assembly versions.

1-4. Mounting the COSMO profile with a through-hole rosette.

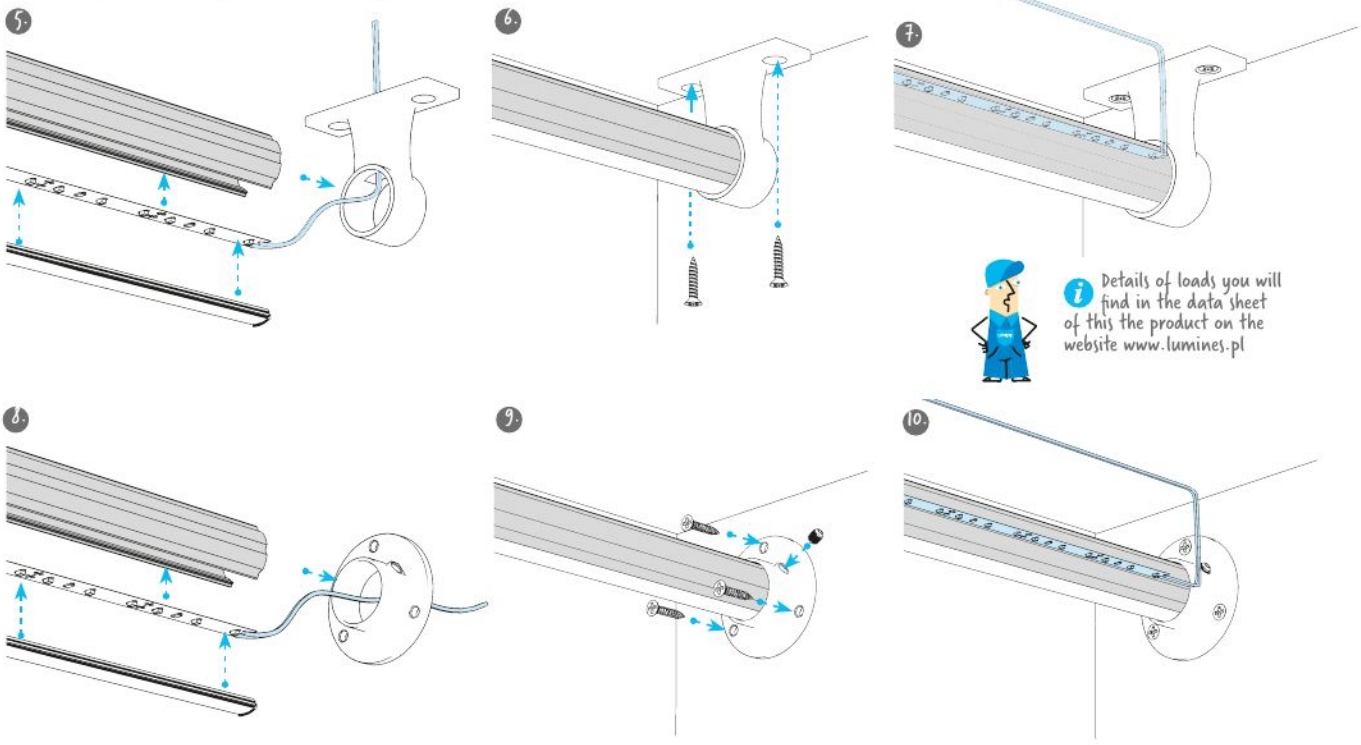


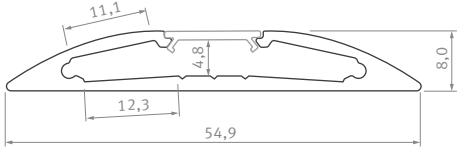






5-7. Mounting the COSMO profile with a full rosette.
8-10. Mounting the COSMO profile with a flange.





LUMINES® LIGHTING

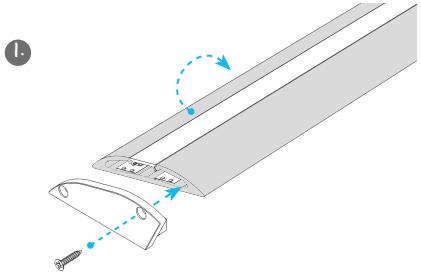
NAME	TYPE
PROFILE RETO	SURFACE FURNITURE
APPLICATION	
PROFILE WITH THE POSSIBILITY OF ADJUSTING THE ANGLE OF ILLUMINATION, WHEN USING VARIOUS END CAPS. FOR USE IN KITCHENS AND HOUSEHOLD ROOMS	

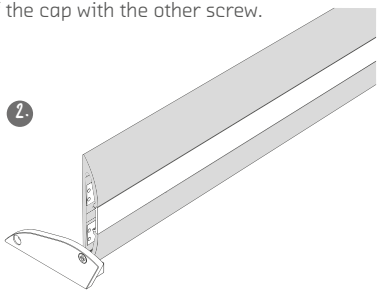
Assembly instructions for caps with support on the example of RETO profile.

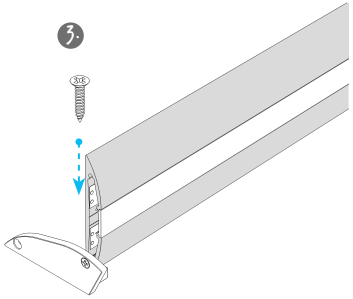
1-2. Position the cap with the "15-degree support" and the RETO profile as shown in the drawing. Screw both elements together using single screw at the indicated location and then rotate the profile as shown in figure 2.

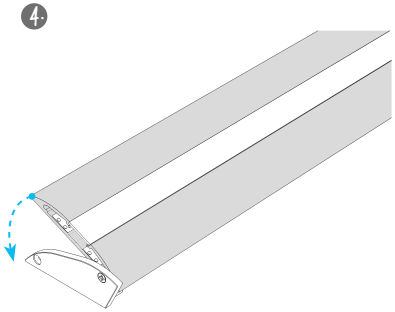
3. Fix the cap to the ground using the hole on the inside.

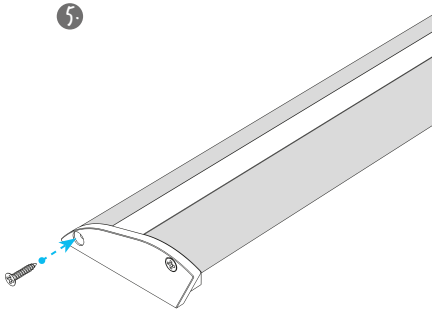
4-6. Rotate the profile and complete the attachment of the cap with the other screw.

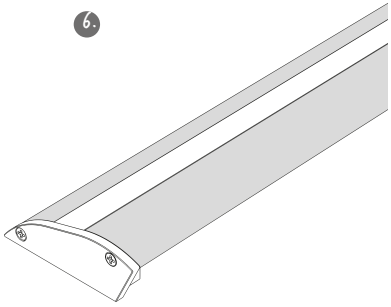






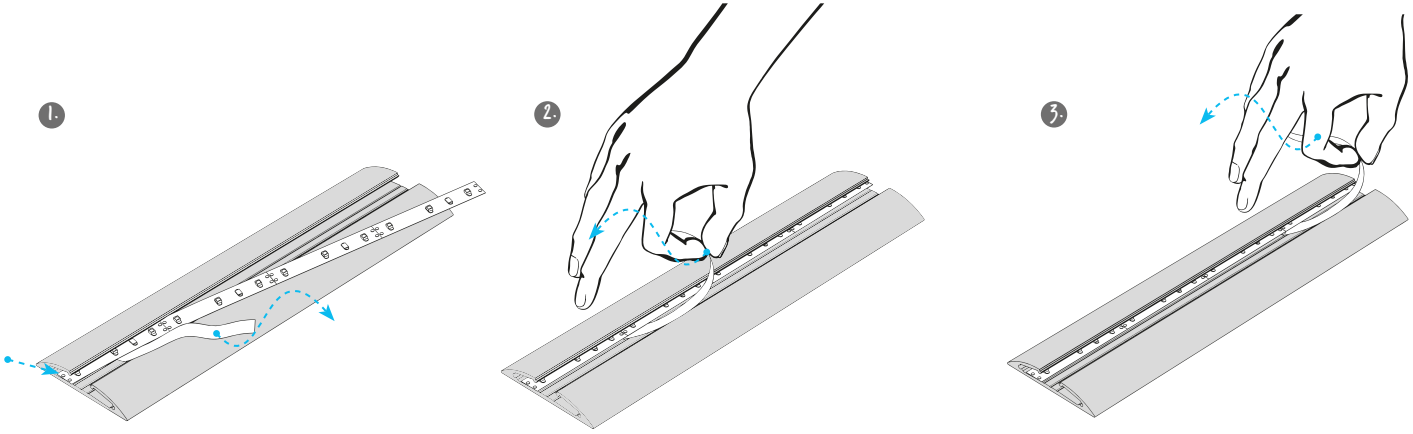




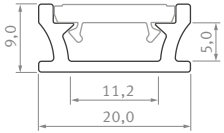


Instructions for mounting the LED strip inside the RETO profile.

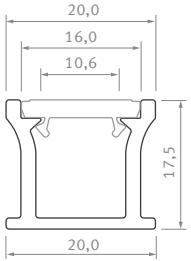
1. Peel off a piece (about 1 cm) of protection from the double-sided mounting tape on the LED strip. Glue the uncovered piece of tape under the edge of the profile and insert the rest of the tape with the protection left in place Entirely under the edge of the profile.
2-3. Peel off short sections of the protective tape while pressing the LED tape against the profile.



Watch the video



NAME	TYPE
PROFILE TERRA Patent no 230033	ARCHITECTURAL GROOVE FLOORING
APPLICATION	
FLOOR AND DECORATIVE LIGHTING – BATHROOMS, OFFICES, HOTELS	



NAME	TYPE
PROFILE RUNO	ARCHITECTURAL GROOVE FLOORING
APPLICATION	
GROOVE MOUNTED PROFILE – FLOOR LIGHTING, DECORATIVE – BATHROOMS, OFFICES, HOTELS	

LUMINES® LIGHTING

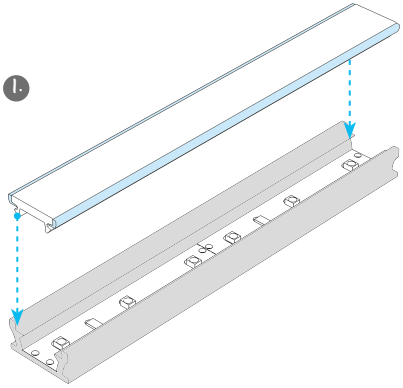
Installing the waterproof cover to the TERRA floor profile.

1-3. Mount the TERRA profile cover equipped with and additional seal to the prepared profile with LED strip.

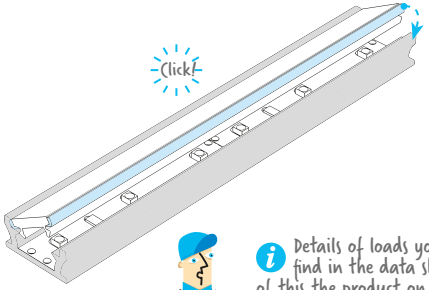
IP54 protection class.

Remember to apply the lamp cover with one side edge to the profile pressing it firmly against the profile, and then press the other edge.

1.



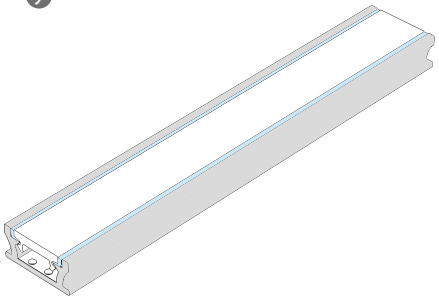
2.



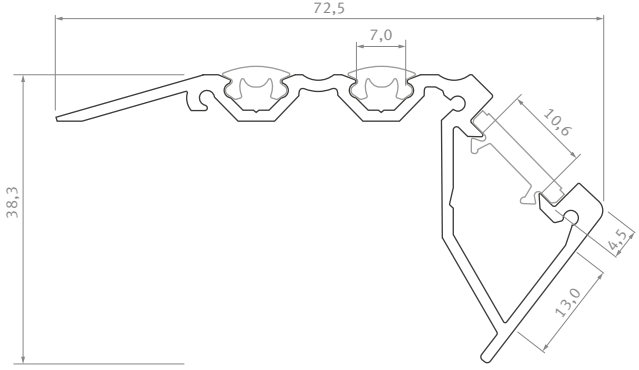


Details of loads you will find in the data sheet of this the product on the website www.lumines.pl

3.



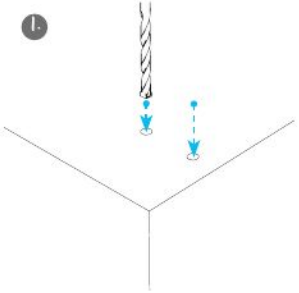
Watch the video



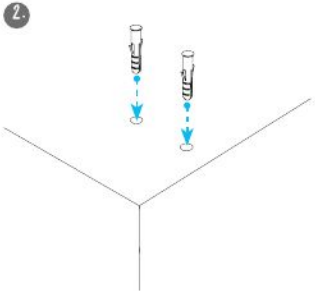
LUMINES® LIGHTING

NAME	TYPE
PROFILE SCALA	ARCHITECTURAL STAIR
APPLICATION	
STAIR PROFILE WITH INTEGRATED ANTI-SLIP ROPE – FOR LIGHTING STAIRS IN PUBLIC SPACES	

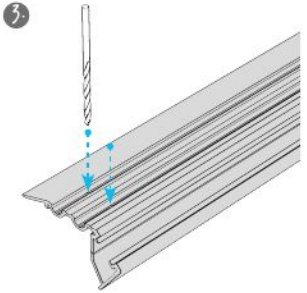
Installation of the SCALA architectural profile on the staircase step.



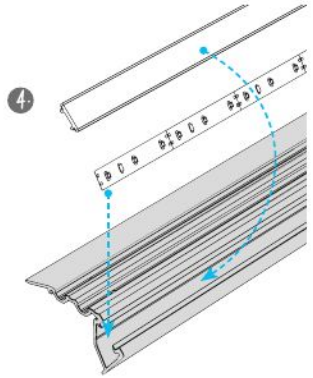
1. Drill two holes intended for mounting the SCALA profile.



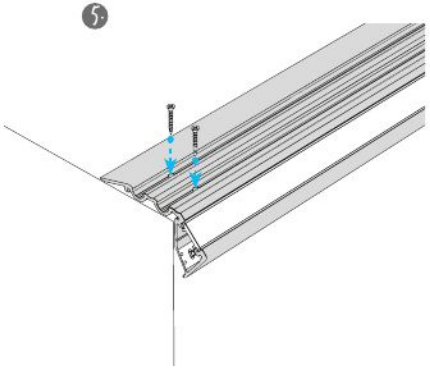
2. Fix the expansion bolts in the drilled holes.



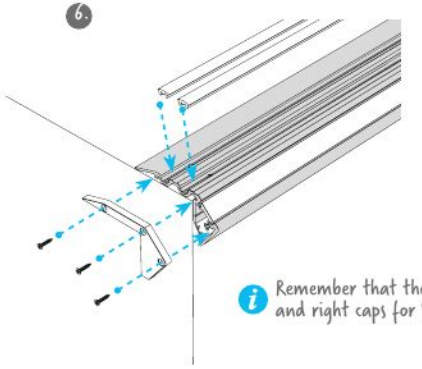
3. Drill holes in the profile.



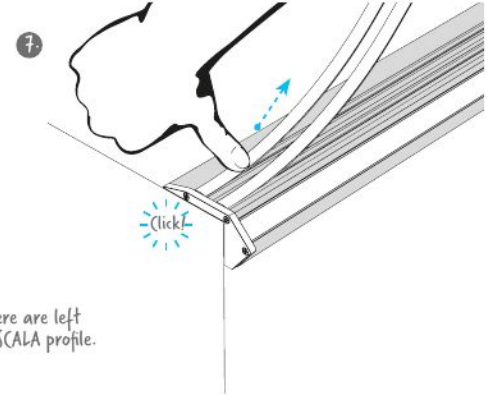
4. Glue the LED strip to the profile and install the cover.



5. Fix the profile to the substrate with two screws.



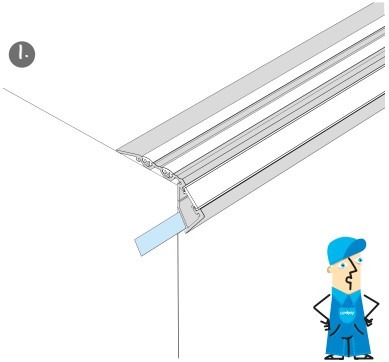
6. Fix the cap to the profile with screws.



7. At the last step, fix the non-slip ropes in the grooves.

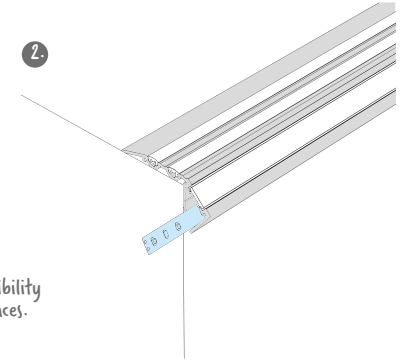
Alternative mounting locations for LED strips in the SCALA profile.

1.

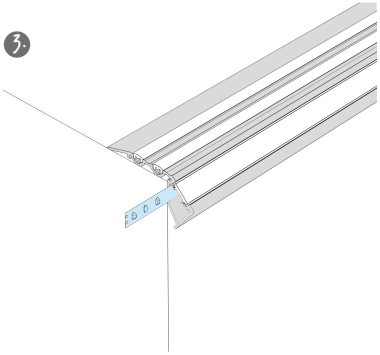


The SCALA profile gives the possibility of mounting LED strips in 4 places.

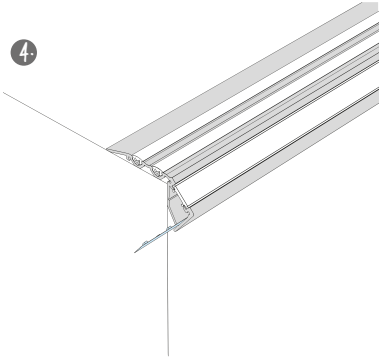
2.



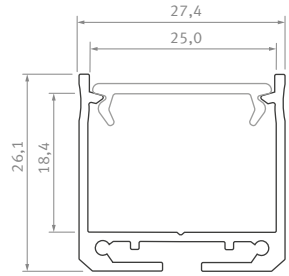
3.



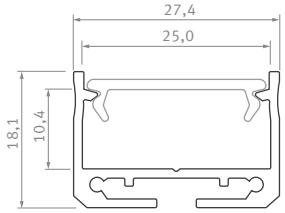
4.



Watch the video



NAME	TYPE
PROFILE DILEDA	ARCHITECTURAL TOPCOAT
APPLICATION	
FOR THE CONSTRUCTION OF LIGHTING WITH THE USE OF TWO TAPES	



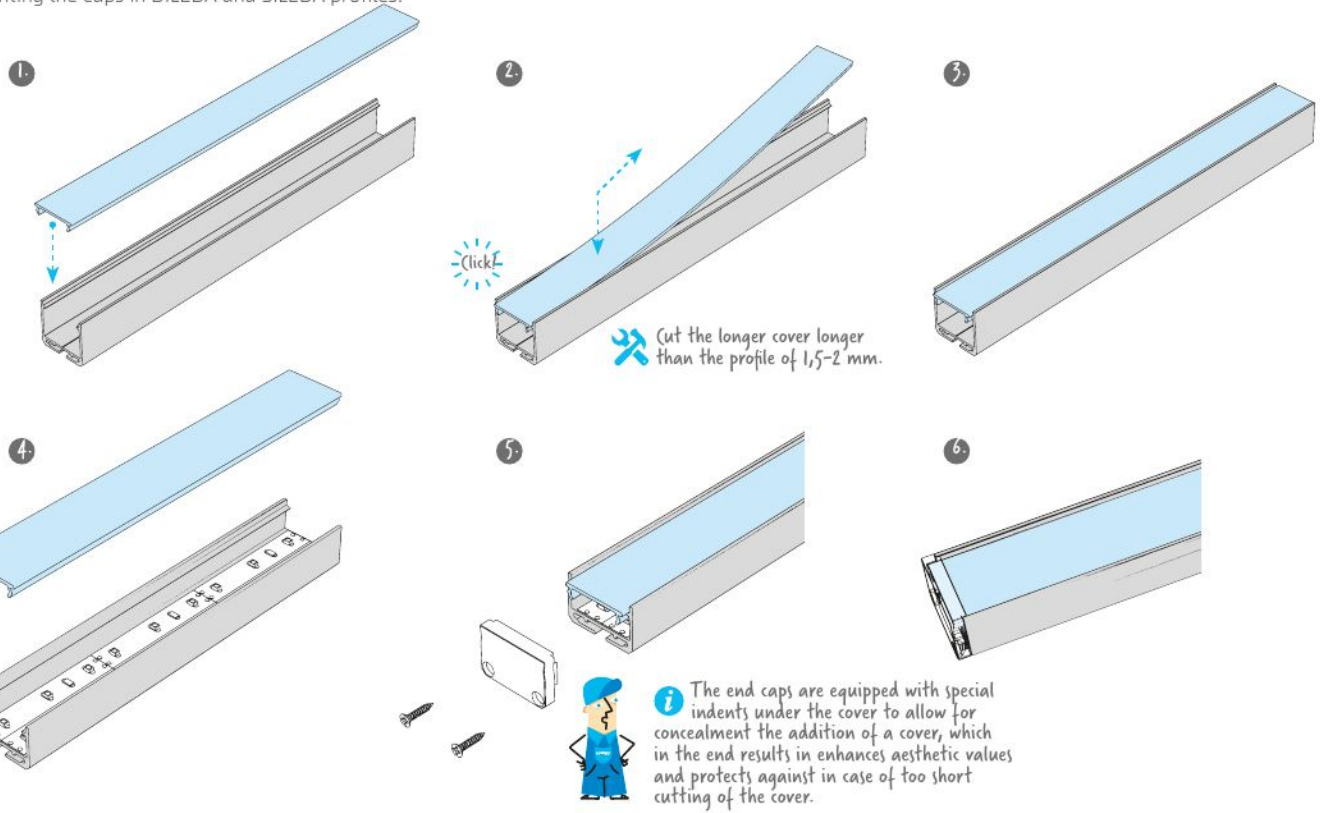
NAME	TYPE
PROFILE SILEDA	ARCHITECTURAL TOPCOAT
APPLICATION	
FOR THE CONSTRUCTION OF LIGHTING WITH THE USE OF TWO TAPES	

LUMINES® LIGHTING

Assembly of the cover and caps in SILEDA and DILEDA architectural profiles.

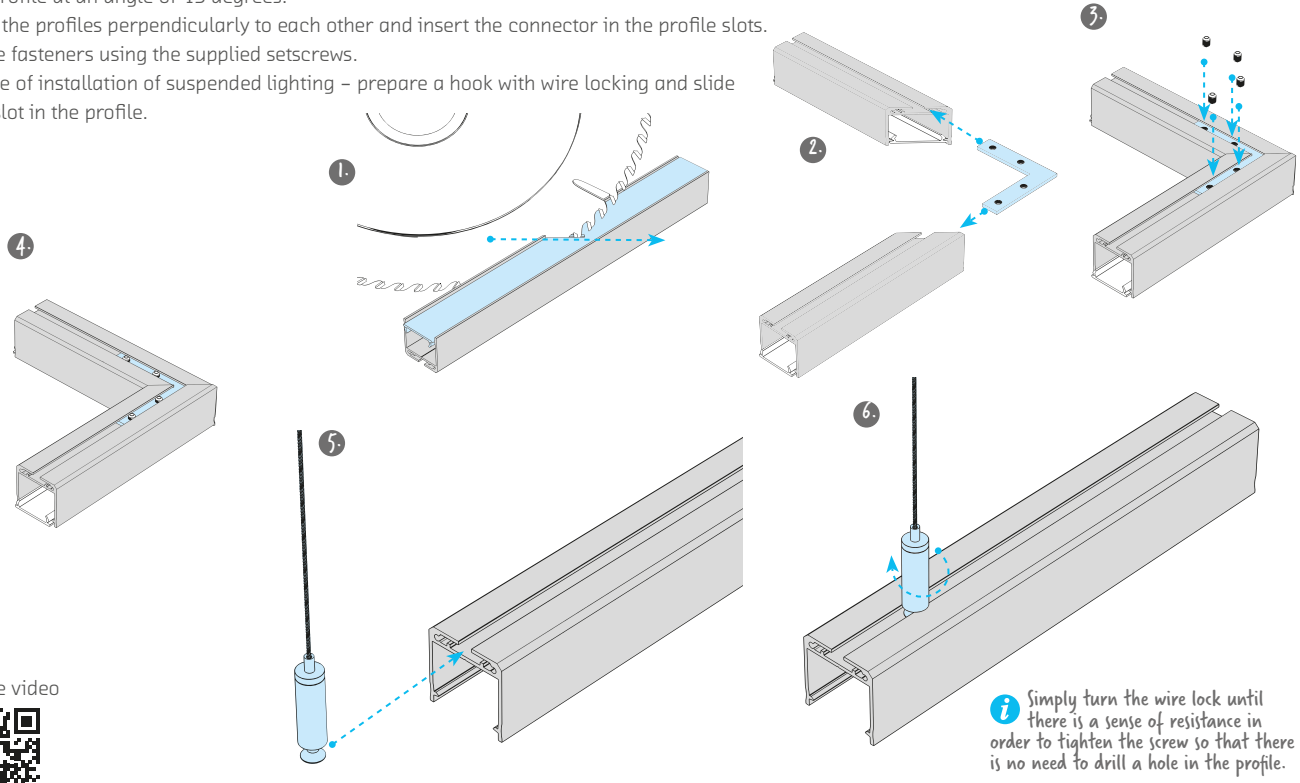
1-3. Mounting the cover in DILEDA and SILEDA profiles.

4-6. Mounting the caps in DILEDA and SILEDA profiles.



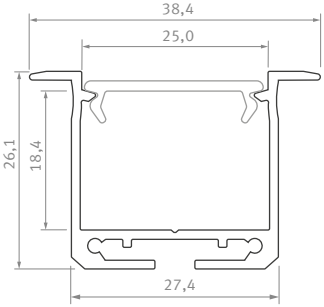
Cutting architectural profiles SILEDA and DILEDA at an angle of 45 degrees and installation of slings.

1. Cut the profile at an angle of 45 degrees.
2. Position the profiles perpendicularly to each other and insert the connector in the profile slots.
3-4. Fix the fasteners using the supplied setscrews.
5-6. In case of installation of suspended lighting – prepare a hook with wire locking and slide it into the slot in the profile.

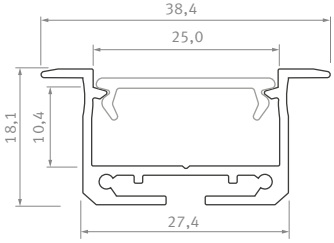


Watch the video

Simply turn the wire lock until there is a sense of resistance in order to tighten the screw so that there is no need to drill a hole in the profile.



NAME	TYPE
PROFILE inDILEDA	ARCHITECTURAL RECESSED
APPLICATION	
FOR THE ASSEMBLY OF LIGHTING WITH THE USE OF TWO TAPES. FOR THE APPLICATION IN OFFICES AND INDUSTRIAL BUILDINGS	



NAME	TYPE
PROFILE inSILEDA	ARCHITECTURAL RECESSED
APPLICATION	
FOR USE IN CEILINGS AND WALL IN MILLED OPEN	

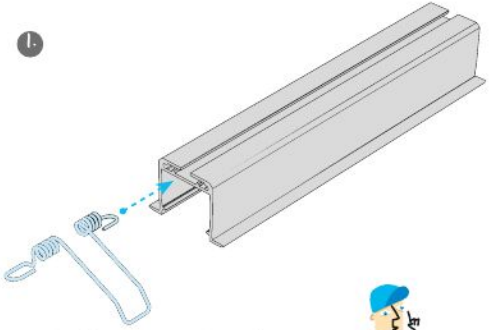
LUMINES®
LIGHTING

Mounting of assembly springs in the inDILEDA profile.

1. Insert the springs into the gap at the top of the inverted profile.
2. Position the springs alternately to each other.

Place 6 springs per metre to ensure the best profile fixing.

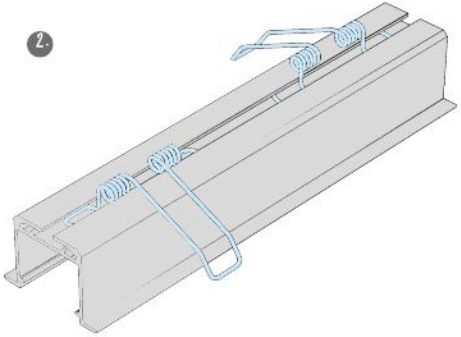
1.



Slide the springs carefully, taking care not to scratch the profile.

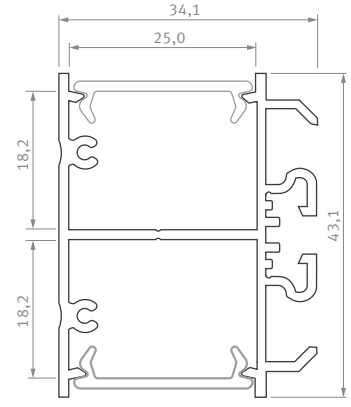


2.

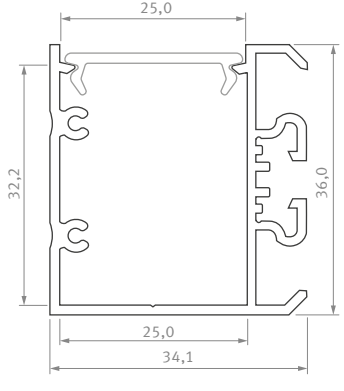


For more information on installing springs page 68.

Watch the video



NAME	TYPE
PROFILE DOPIO	ARCHITECTURAL TOPCOAT
APPLICATION	
FOR LIGHTING OFFICE SPACES, OPEN SPACE TYPE SURFACE AND INDUSTRIAL CONSTRUCTION ENGINEERING	

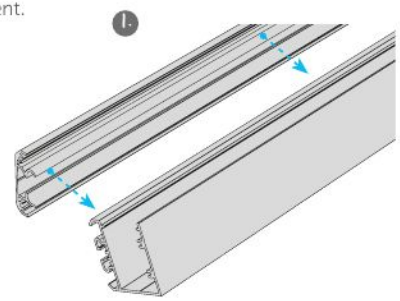


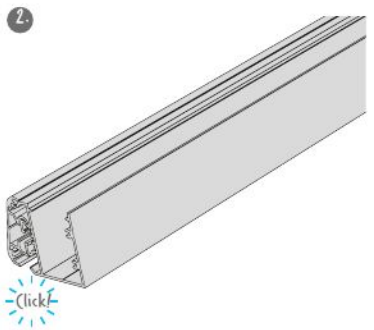
NAME	TYPE
PROFILE UNICO	ARCHITECTURAL TOPCOAT
APPLICATION	
FOR DIRECTIONAL ILLUMINATION IN ROOMS OF PUBLIC USABILITY AND OFFICE PREMISES	

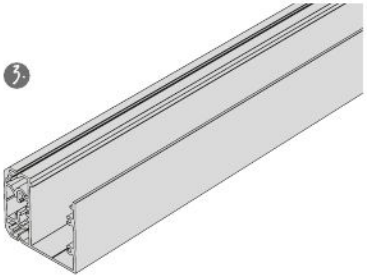
LUMINES® LIGHTING

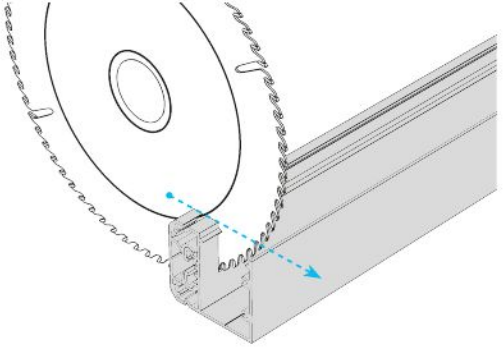
For fixing the UNICO profile we use the TALIA M1 mounting profile.

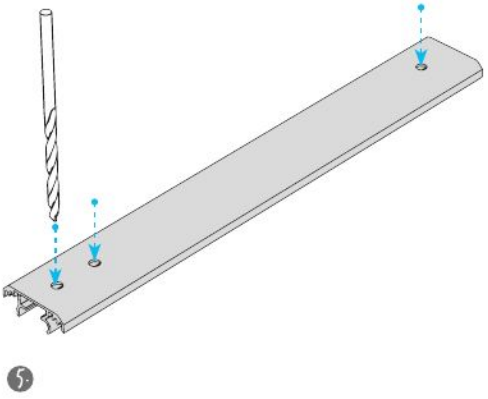
1. Prepare the TALIA M1 and UNICO profiles.
2-3. Position the profiles to each other so that you can hear the characteristic sound of the assembly of the finished element.
4. Cut both profiles to the right size in one cut.
5. Drill in the TALIA M1 mounting profile.





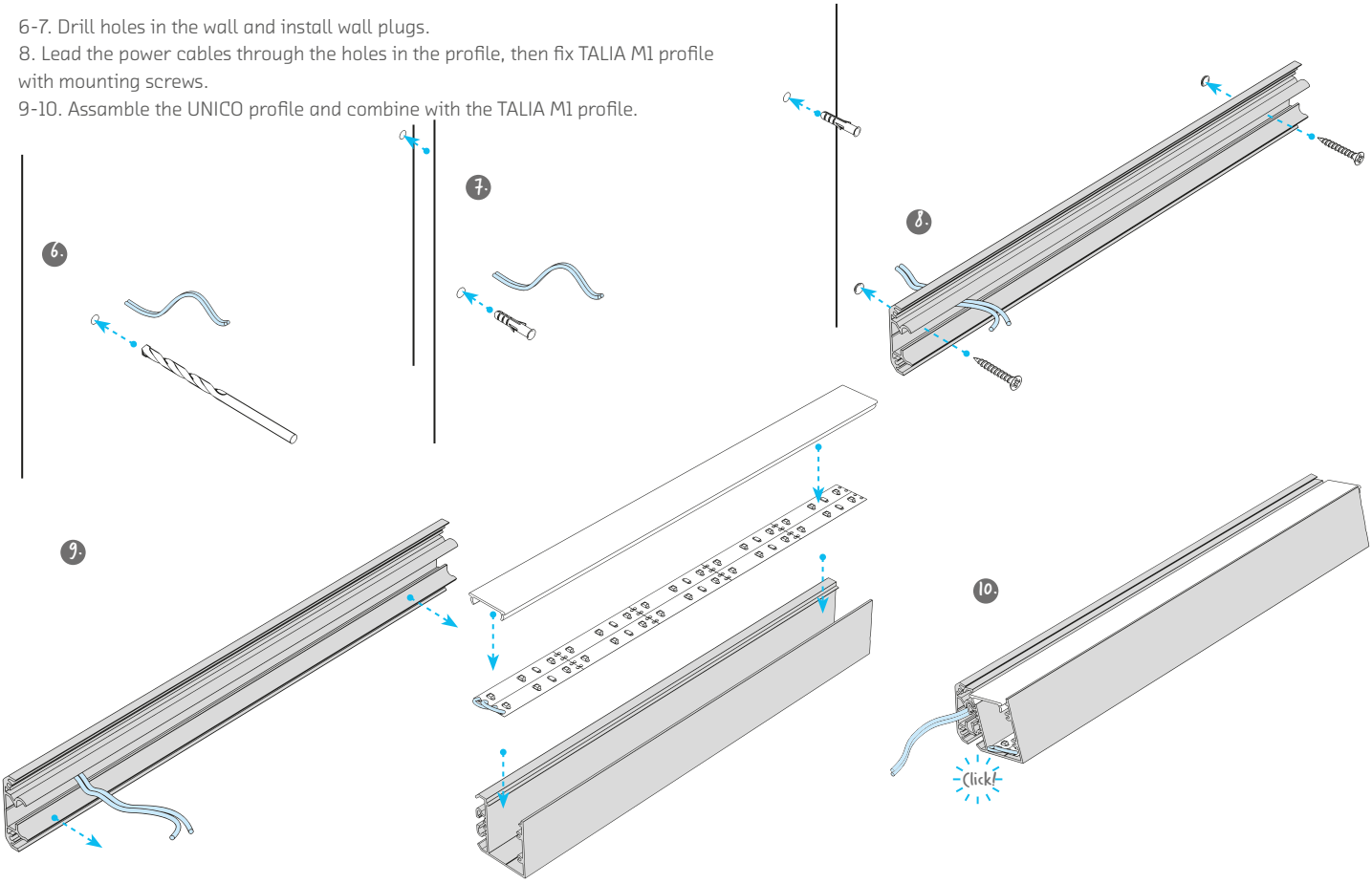




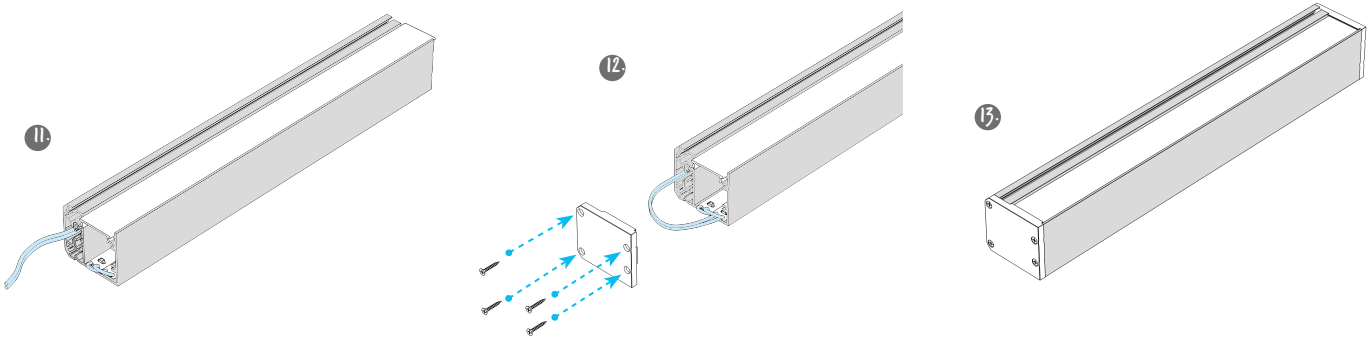


Watch the video

6-7. Drill holes in the wall and install wall plugs.
8. Lead the power cables through the holes in the profile, then fix TALIA M1 profile with mounting screws.
9-10. Assamble the UNICO profile and combine with the TALIA M1 profile.

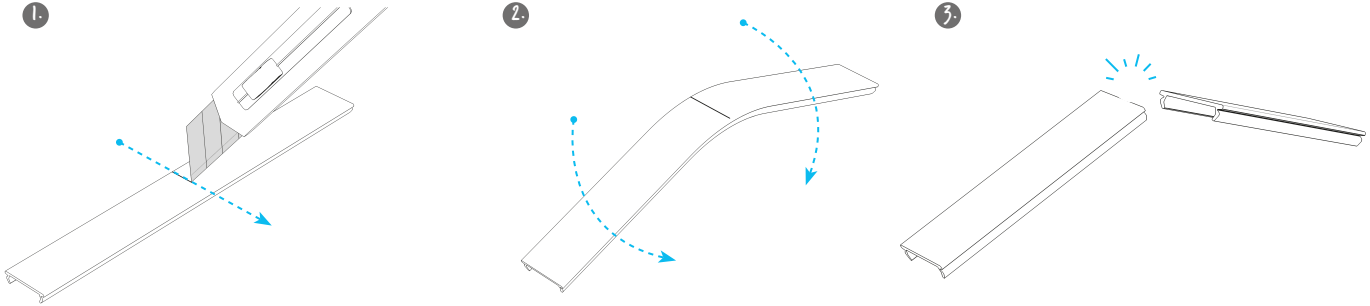


11-13. Solder the power cord with the LED strip and cover it with end cap by screwing it with screws onto the profile



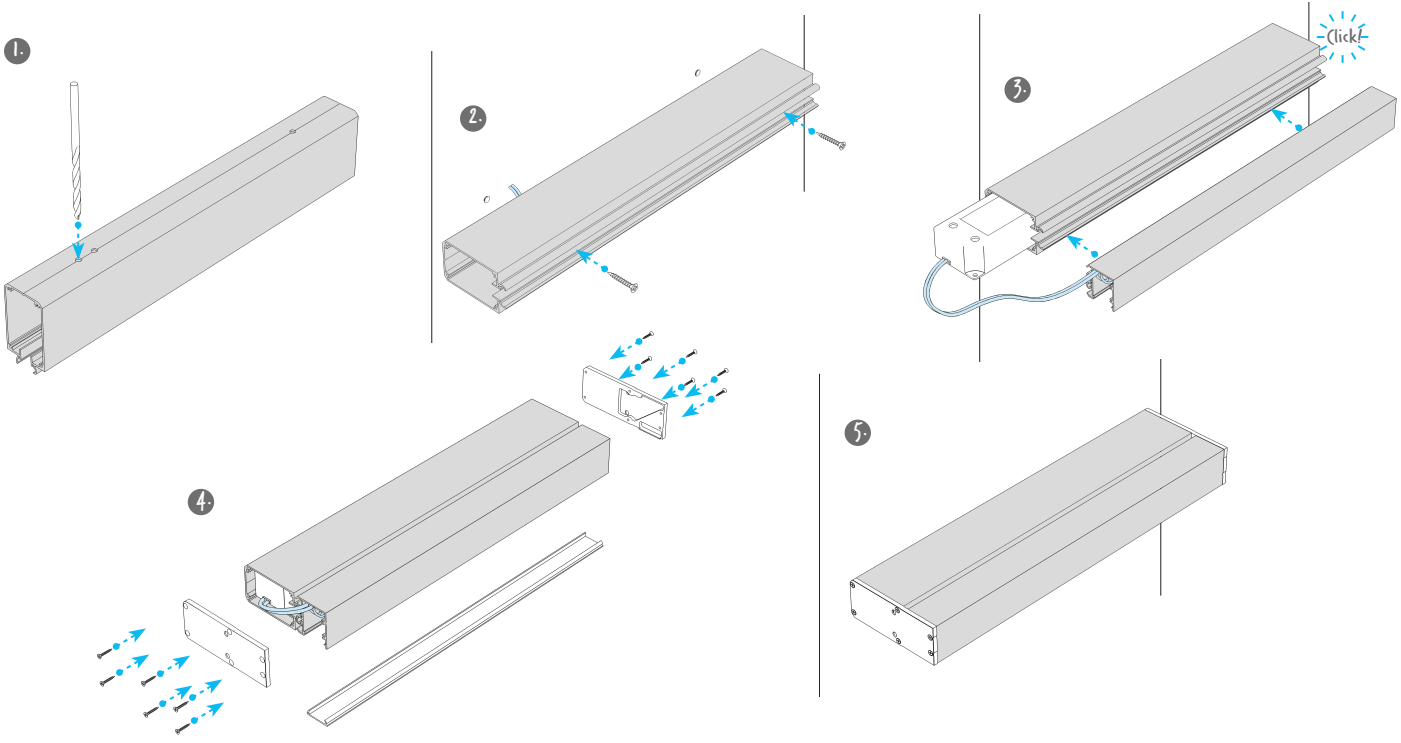
Cutting the diffuser to the desired length on the example of LUMINES cover type DUOBLE.

1-3. To shorten the longer section of the cover, cut its surface from the top, followed by a strong fracture.

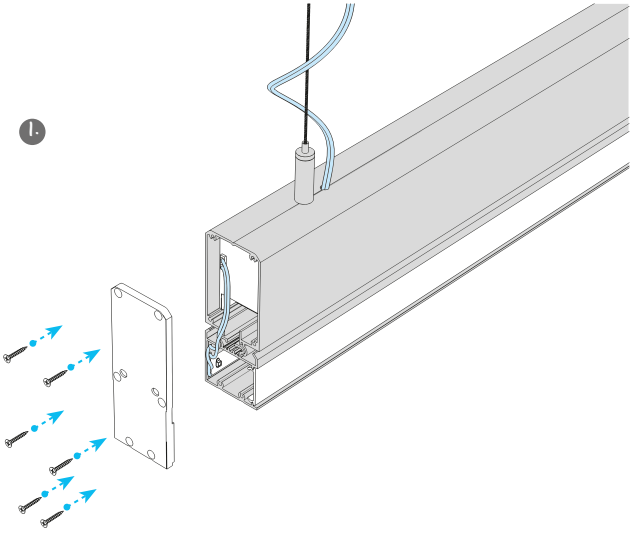


Installing the UNICO profile using the TALIA M2 mounting profile.

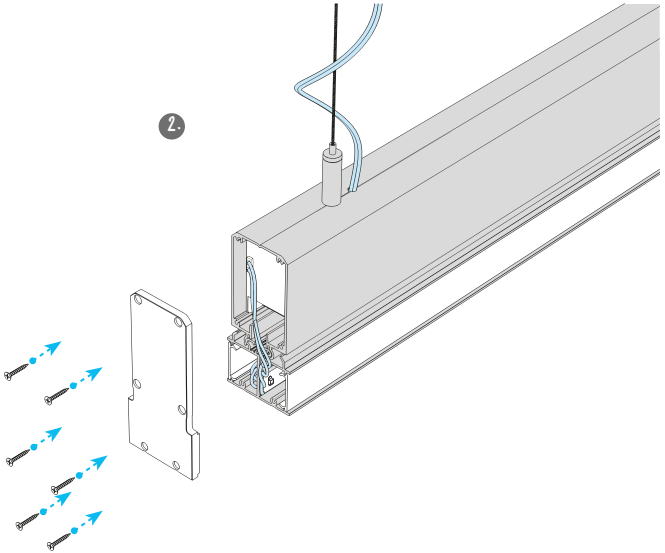
1. Drill holes in the profile wall for later surface mounting and for power cables routing.
2. Route the supply cables through the prepared openings and screw the profile to the surface.
3. Hide the power supply unit in the TALIA M2 mounting profile and then connect the mounting profile to the UNICO profile by clicking in the special mounting clips.
4-5. Fit the side plugs covering both profiles and the UNICO profile cover.

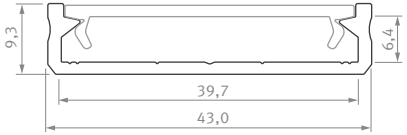


1. Example of vertical installation of Unico profile and TALIA M2 mounting profile with the use of slings.



2. Example of vertical installation of Dopio profile and TALIA M2 mounting profile with the use of slings.





LUMINES® LIGHTING

NAME	TYPE
PROFILE SOLIS	ARCHITECTURAL TOPCOAT
APPLICATION	
FOR LIGHTING OF HOUSEHOLDS AND OFFICES – LIGHTING PENDANT	

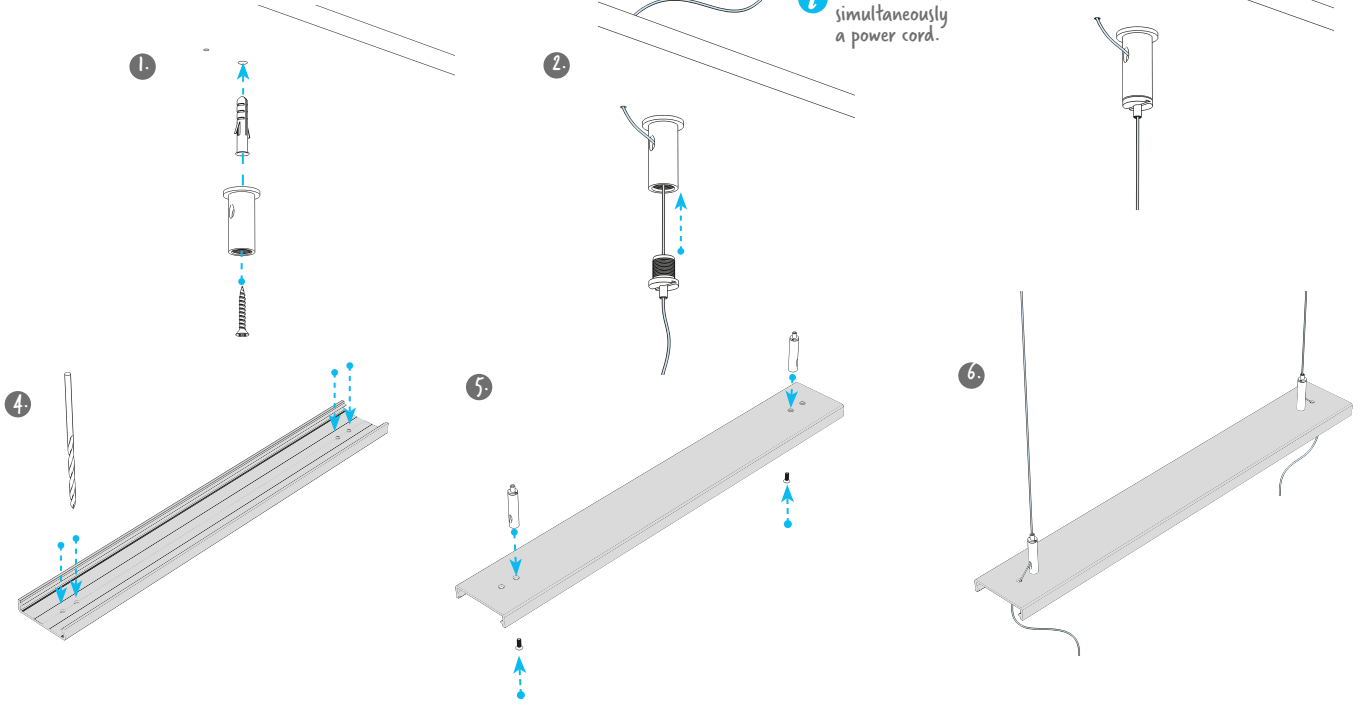
Installation of the SOLIS architectural profile as a pendant lighting by means of a sling system.

If you want to make a hanging luminaire of the SOLIS profile, you should use a set of slings on both sides of the profile.

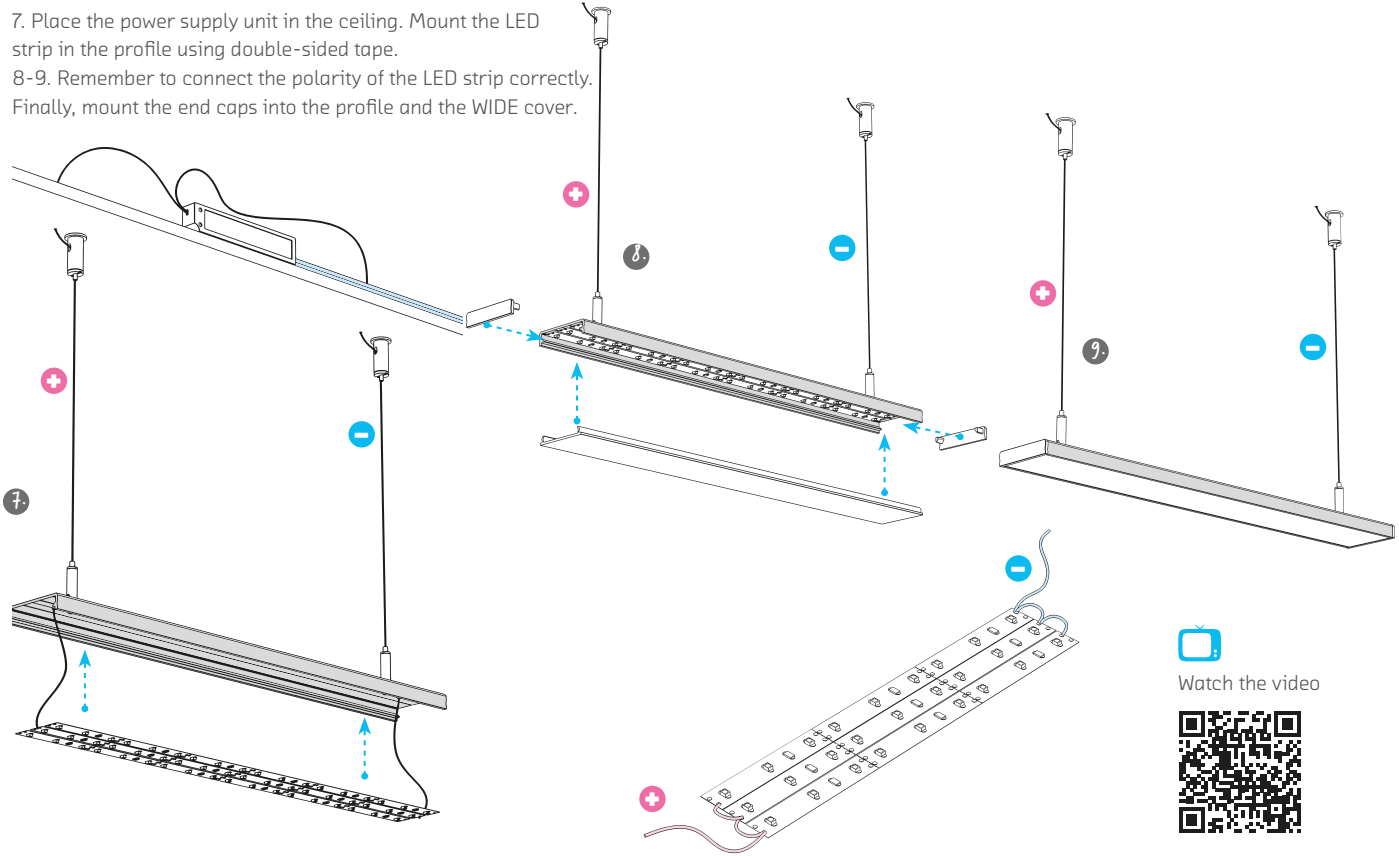
1-3. Drill holes in the ceiling and install the ceiling bracket with cable lock and pull through the power cord.

4. Drill two openings from the SOLIS profile side for wire blocking from the inside of the SOLIS profile for supply lines.

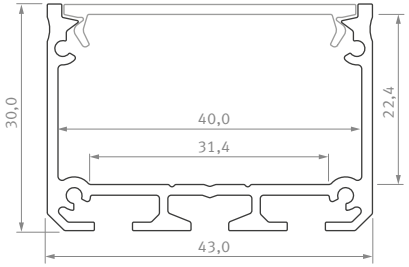
5-6. Install the wire locks and pass the power cords through the holes.



7. Place the power supply unit in the ceiling. Mount the LED strip in the profile using double-sided tape.
8-9. Remember to connect the polarity of the LED strip correctly. Finally, mount the end caps into the profile and the WIDE cover.



Watch the video



LUMINES® LIGHTING

NAME	TYPE
PROFILE ILEDO	PENDANT ARCHITECTURAL
APPLICATION	
FOR THE LIGHTING OF OFFICE, STORE AND HOME ROOMS – PENDANT ARCHITECTURAL LIGHTING	

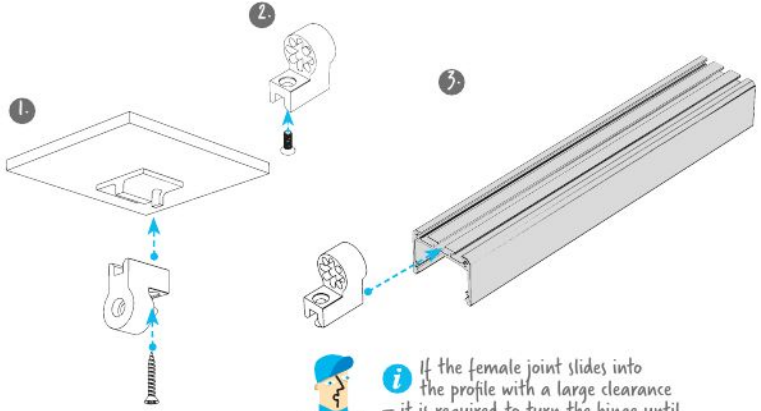
Assembly of the ILEDO architectural profile with the use of the concept of an articulated system.

Up to 3 LED strips can be placed in parallel in the ILEDO profile. Typical application of this profile is the surface assembly or as a form of the pendant lighting luminaire.

1-3. Attach the stand and male joint to the ceiling. Slide the female joint into the centre slot in the profile as described in the figure.

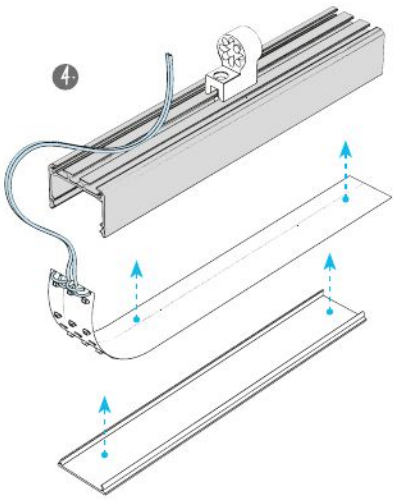
4. Glue the LED strips to the inside of the profile and the cable slide into exactly the same gap as the female joint.

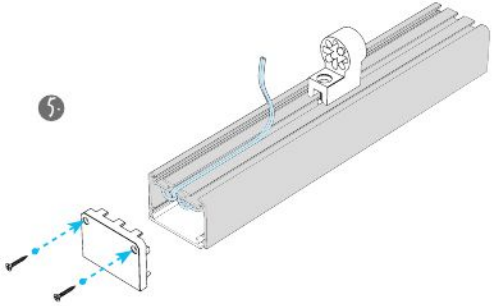
5-6. Screw the end cap to the profile to hide the cable.

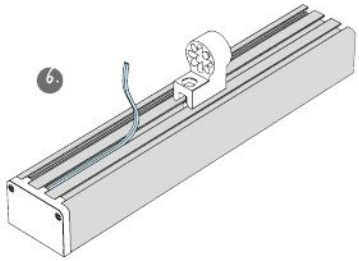




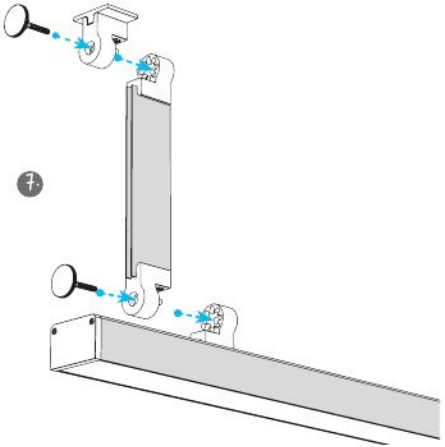
i If the female joint slides into the profile with a large clearance – it is required to turn the hinge until a sense of resistance and required position of the joint is reached.

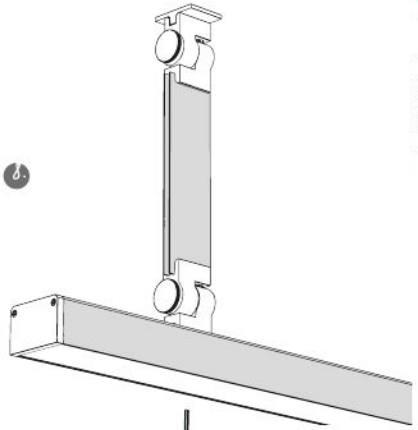






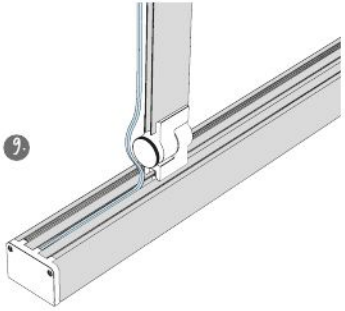
7-8. Prepare the connection kit in the form of a METRO profile with male and female hinges, and then tighten both connected hinges with knurled screws.
9-11. Pull the cable through the ILEDO profile, and then around the knurled screws and along the gap of a METRO profile.

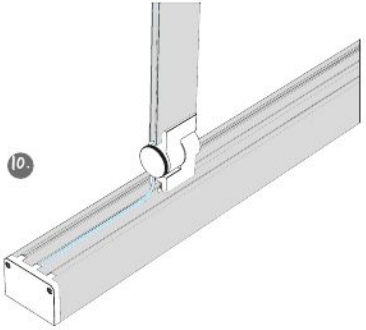


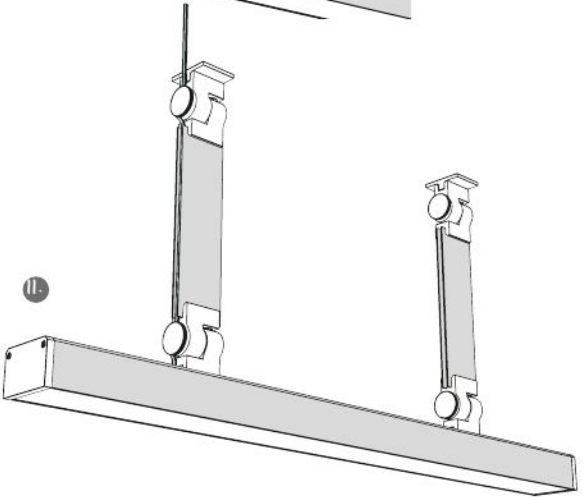


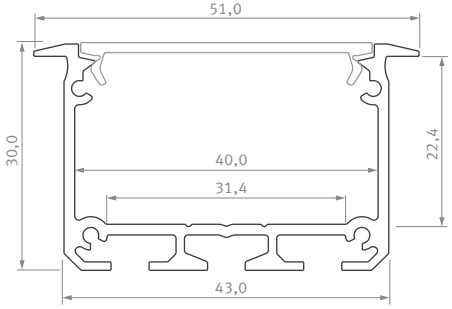
Watch the video

Installation of the arm – page 38.







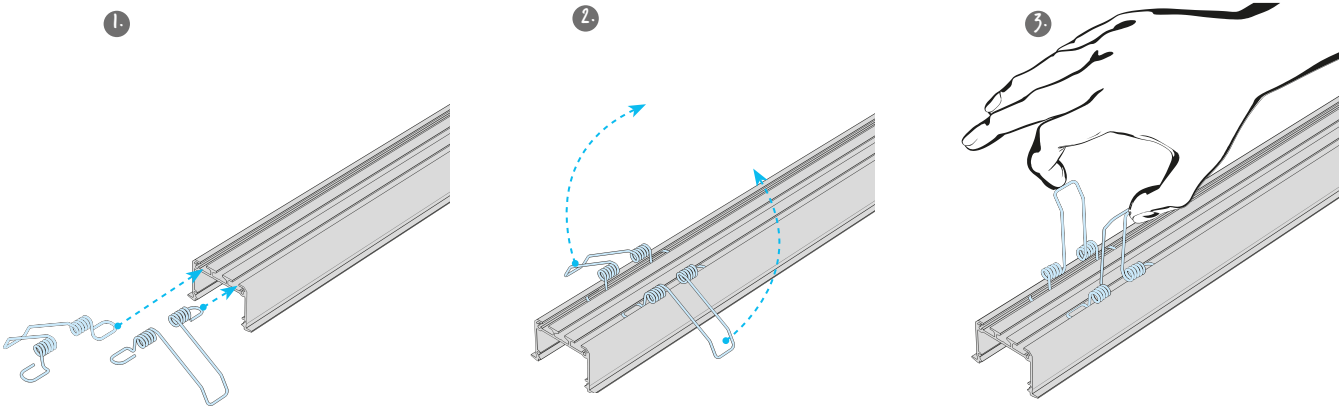


LUMINES® LIGHTING

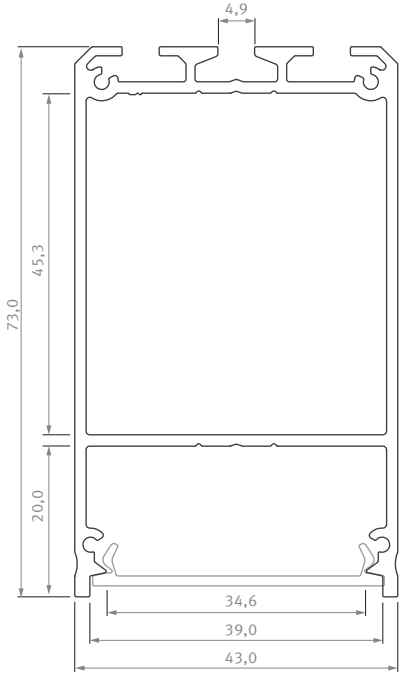
NAME	TYPE
PROFILE INSO	ARCHITECTURAL RECESSED
APPLICATION	
FOR ILLUMINATION OF OFFICE AND STORE ROOMS,HOUSEHOLDERS – ARCHITECTURAL LIGHTING – CEILING, WALL	

Installation of mounting springs on the example of the INSO architectural profile.

1. Prepare the springs for installing the INSO profile in the ceiling.
2. Insert the spring base into the slots of the INSO profile.
3. Bend the spring "handles" when final installing the profile in the ceiling.



Watch the video

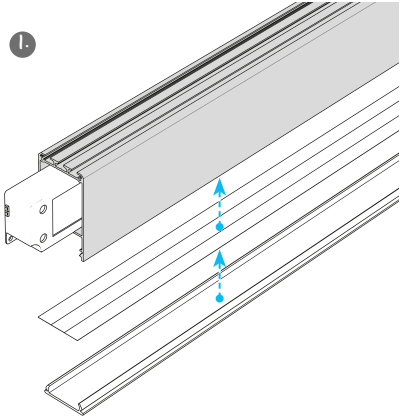


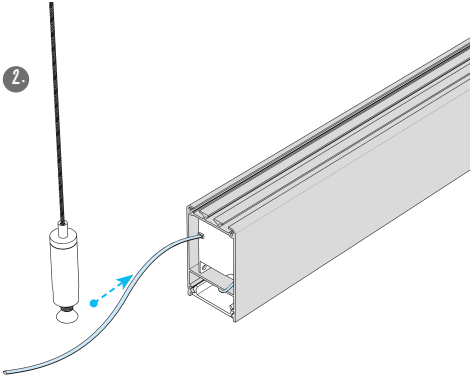
LUMINES® LIGHTING

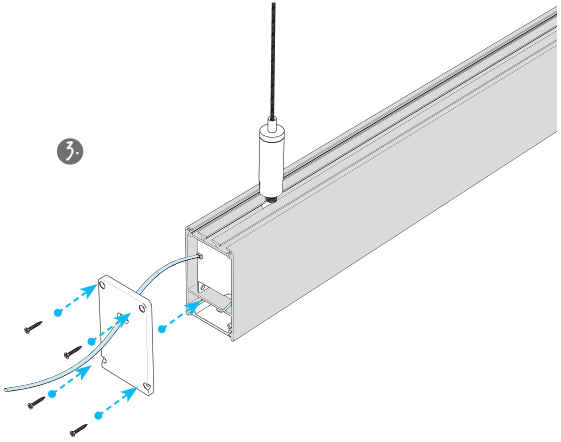
NAME	TYPE
PROFILE CLARO	ARCHITECTURAL SUSPENDED PROFILE
APPLICATION	
FOR HOME AND OFFICE LIGHTING. FOR USE AS A PENDANT LAMP WITH A HIDDEN POWER SUPPLY INSIDE	

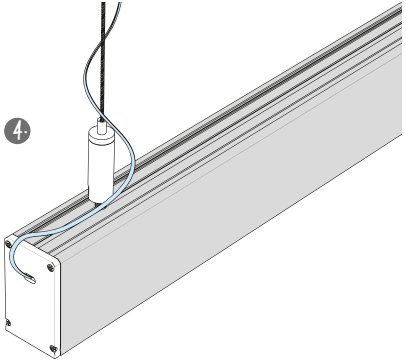
Installation of the lighting luminaire using the CLARO profile.

1. Installation of CLARO lighting luminaire and power supply.
2. Insert the slings into the center slot in the profile.
3-4. Pull the cable through the hole in the end cap.

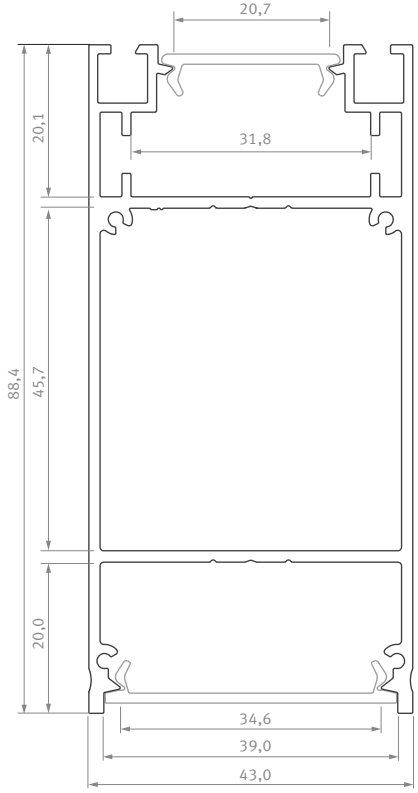








Watch the video



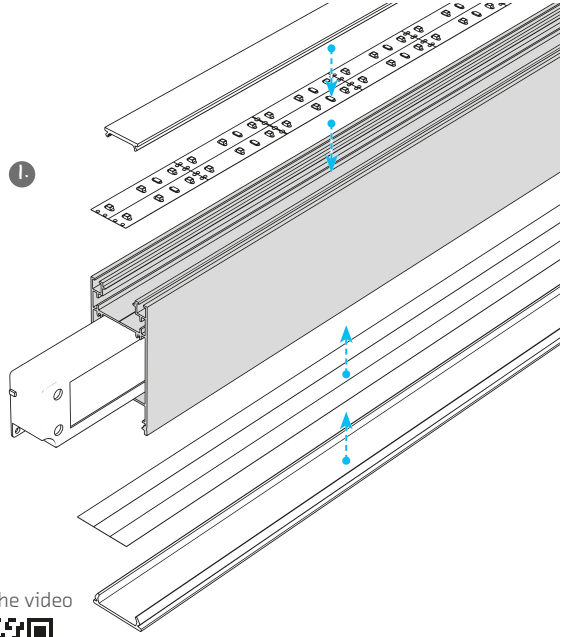
LUMINES® LIGHTING

NAME	TYPE
PROFILE DULIO	ARCHITECTURAL SUSPENDED PROFILE
APPLICATION	
FOR HOME AND OFFICE LIGHTING. FOR USE AS A PENDANT LAMP WITH A HIDDEN POWER SUPPLY INSIDE	

Installation of the lighting luminaire using the DULIO profile.

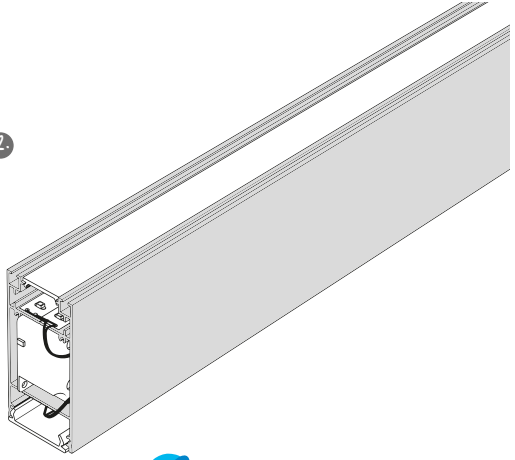
1. Installation of the DULIO lighting luminaire and power supply.
2. Connect the LED strips to the power supply.

1.



Watch the video

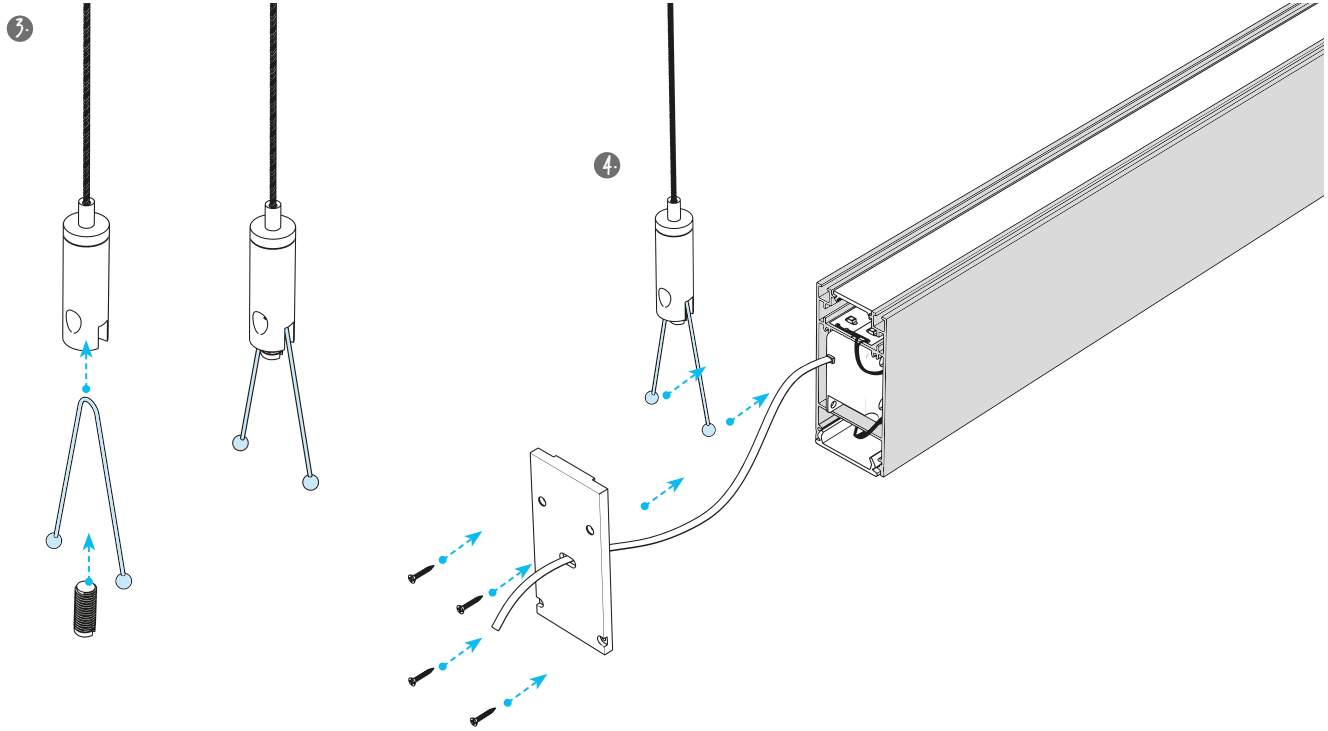
2.



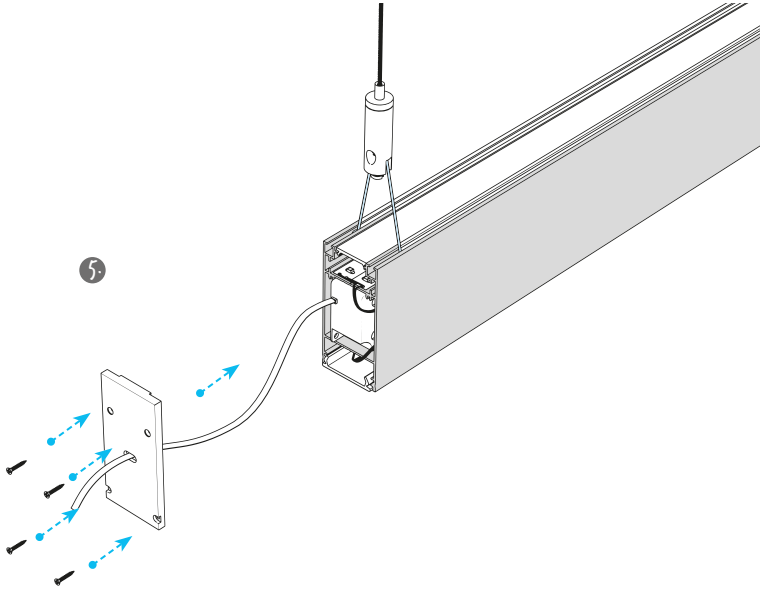


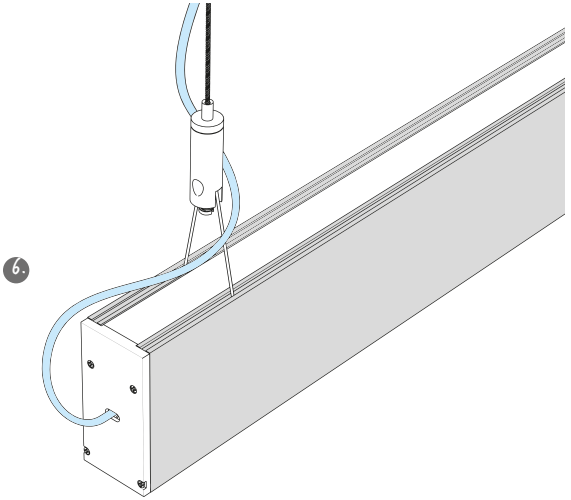
The DULIO profile is a two-sided profile. Number of tapes mounted in the profile:
- two tapes inside the upper section of the profile,
- three tapes inside the lower section of the profile.

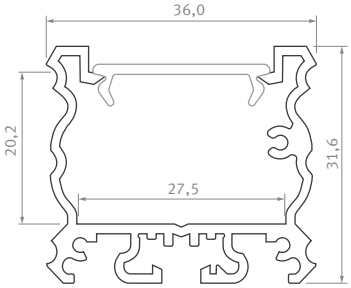
3. Install Y-type slings (the line with balls should be screwed to the blocking element).
4. Insert the line with the balls into the mounting rail.



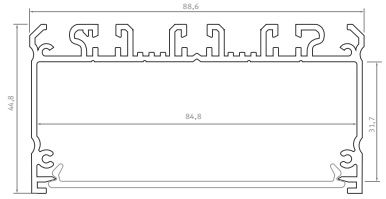
5-6. Lead the wire through the hole and install the end cap.







NAME	TYPE
PROFILE TALIA	ARCHITECTURAL TOPCOAT
APPLICATION	
TO BE USED IN CONSTRUCTION SECTOR. TO BE USED IN THE LIGHTING INDUSTRY WITH THE USE OF TWO LED STRIPS	



SCALE 1:2

NAME	TYPE
PROFILE LARGO	ARCHITECTURAL TOPCOAT
APPLICATION	
FOR THE INSTALLATION OF COMPLEX LIGHTING SYSTEMS WITH THE POSSIBILITY TO USE OF UP TO 6 SECTIONS OF LED STRIPS. TO BE USED IN COMMERCIAL BUILDINGS AND PUBLIC FACILITIES	

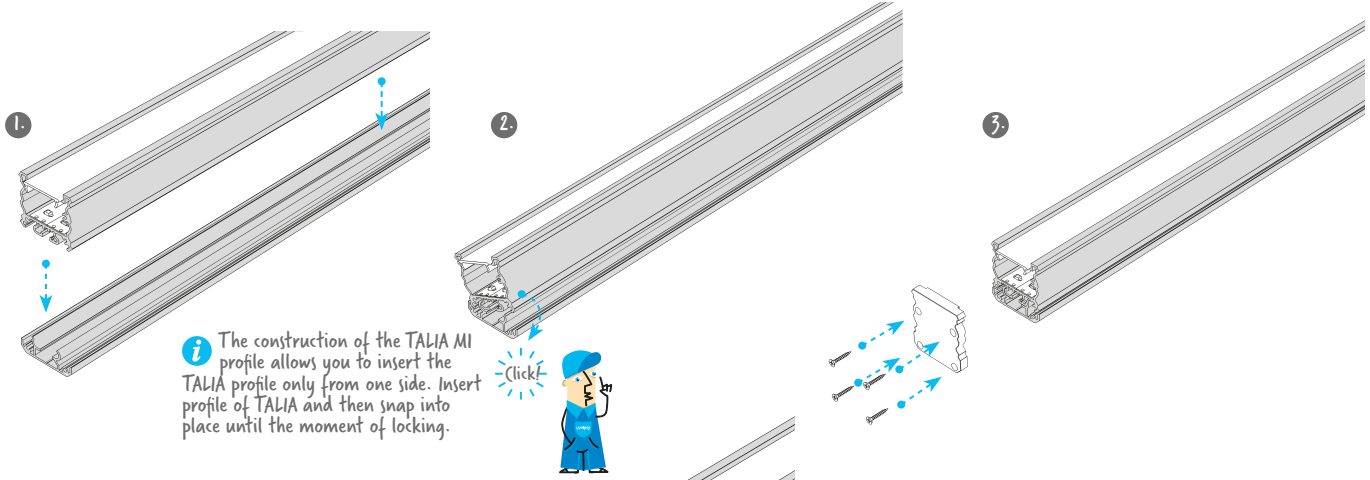
LUMINES® LIGHTING

* Also check inTALIA and inLARGO versions for recessed mounting

Example installation of the TALIA profile together with the TALIA M1 assembly profile.

1-2. Connect the TALIA profile to the TALIA M1 mounting profile.

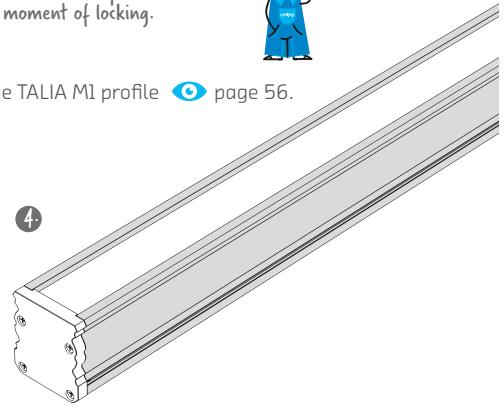
3-4. Install dedicated end caps covering the whole of the connected profiles.



The construction of the TALIA M1 profile allows you to insert the TALIA profile only from one side. Insert profile of TALIA and then snap into place until the moment of locking.

For more information on installing the TALIA M1 profile page 56.

Watch the video (TALIA)



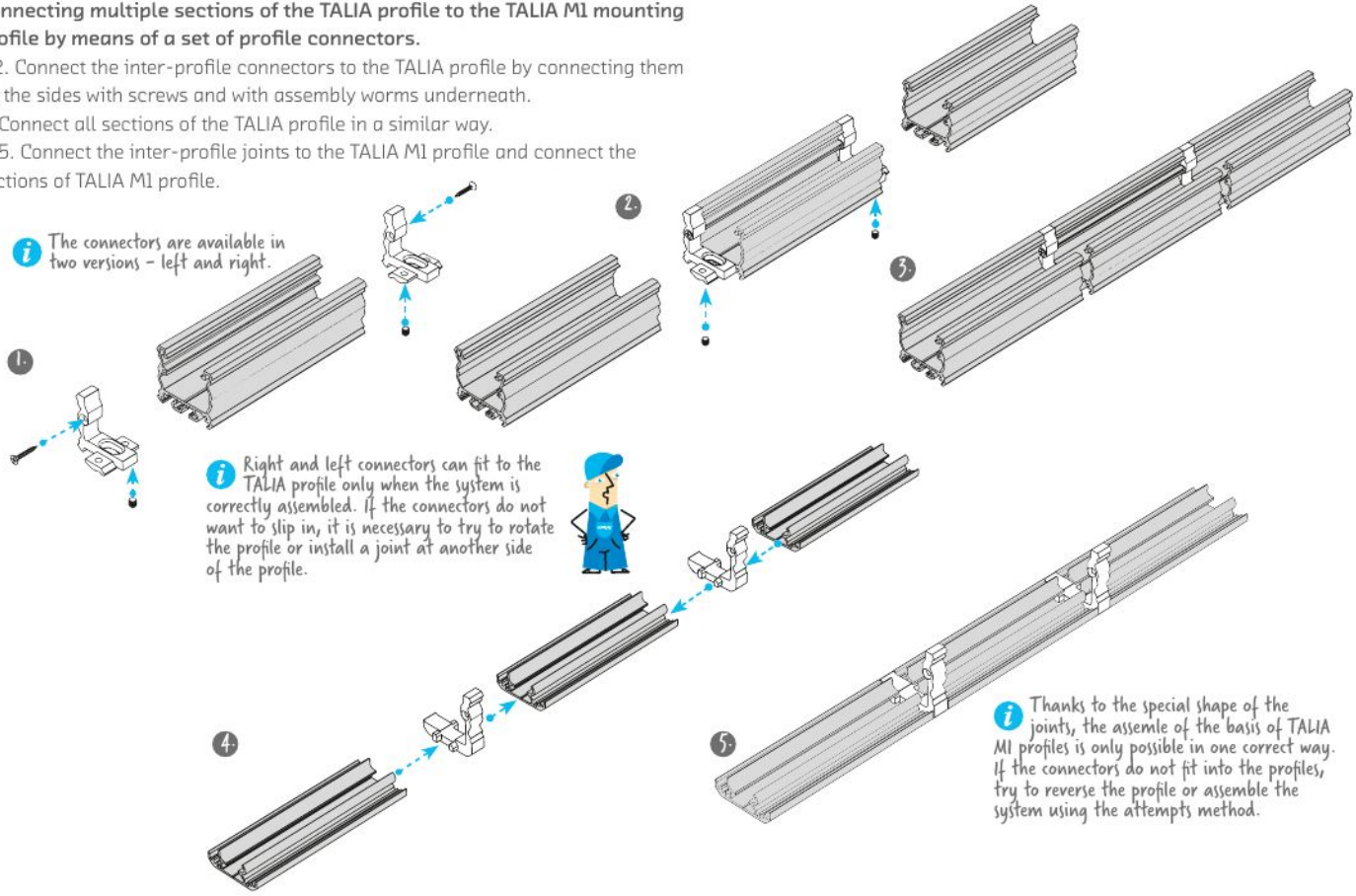
Watch the video (LARGO)

Connecting multiple sections of the TALIA profile to the TALIA M1 mounting profile by means of a set of profile connectors.

1-2. Connect the inter-profile connectors to the TALIA profile by connecting them on the sides with screws and with assembly worms underneath.

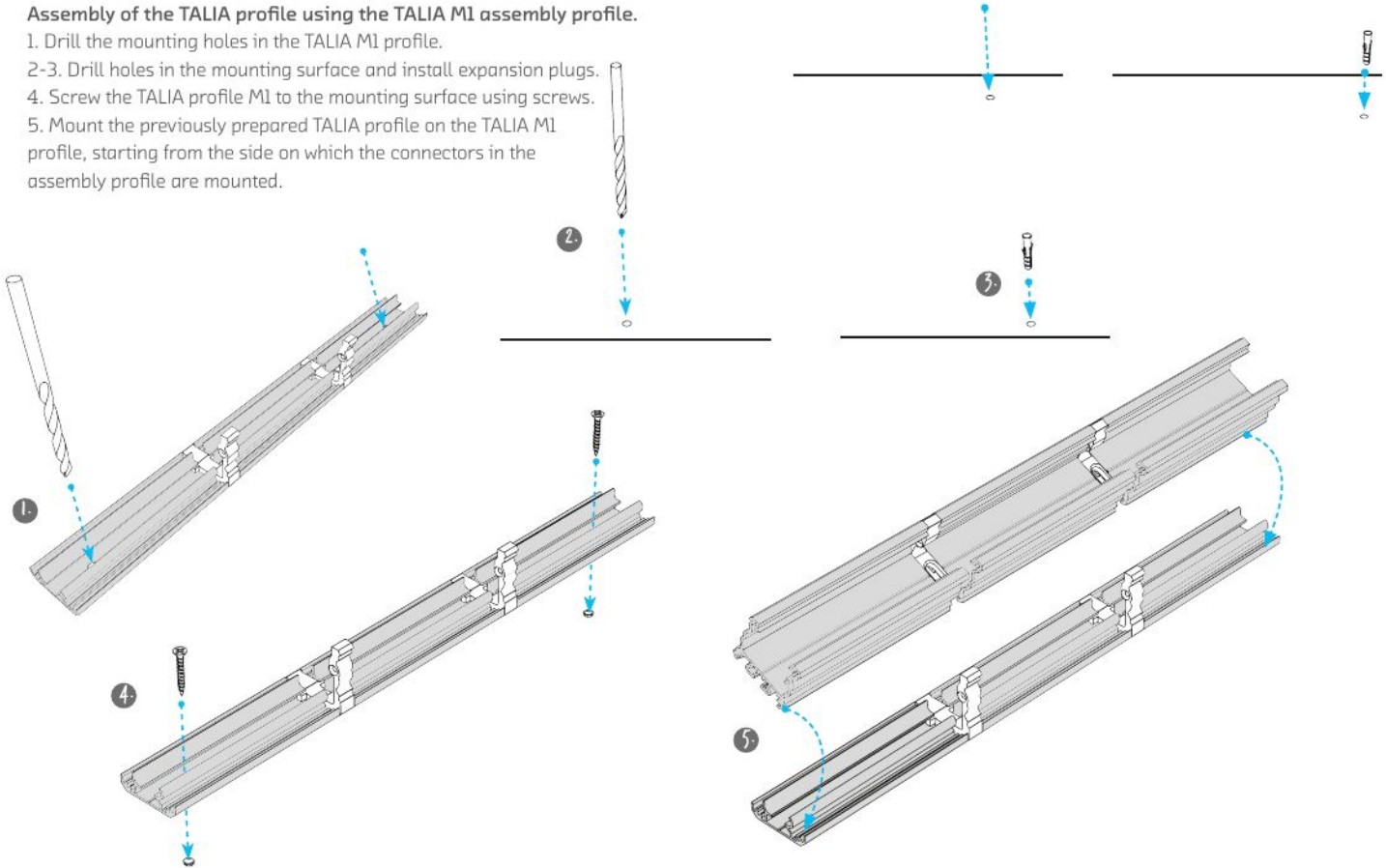
3. Connect all sections of the TALIA profile in a similar way.

4-5. Connect the inter-profile joints to the TALIA M1 profile and connect the sections of TALIA M1 profile.

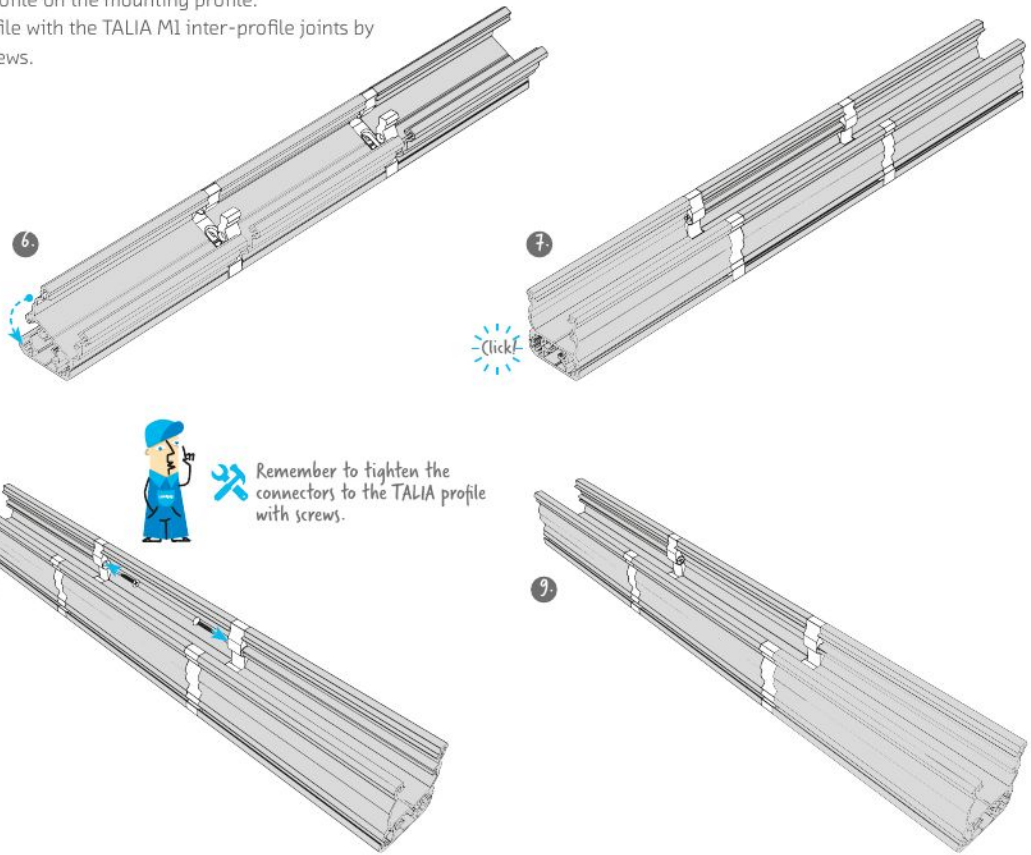


Assembly of the TALIA profile using the TALIA M1 assembly profile.

1. Drill the mounting holes in the TALIA M1 profile.
2-3. Drill holes in the mounting surface and install expansion plugs.
4. Screw the TALIA profile M1 to the mounting surface using screws.
5. Mount the previously prepared TALIA profile on the TALIA M1 profile, starting from the side on which the connectors in the assembly profile are mounted.



6-7. Install the TALIA profile on the mounting profile.
8-9. Join the TALIA profile with the TALIA M1 inter-profile joints by means of mounting screws.

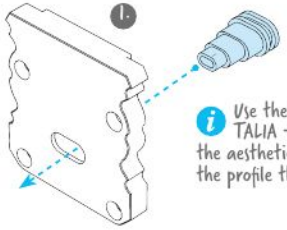


Installation of the stuffing box on the example of TALIA profiles connected to each other by means of TALIA M1 assembly profiles and connectors.

1-4. Install the stuffing box in the cap.

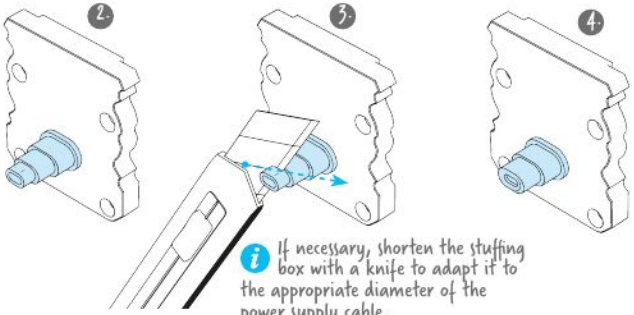
5. Glue the LED strips and install the cover.

6-7. Route the power cord through the stuffing box and tighten the cap to the profile.

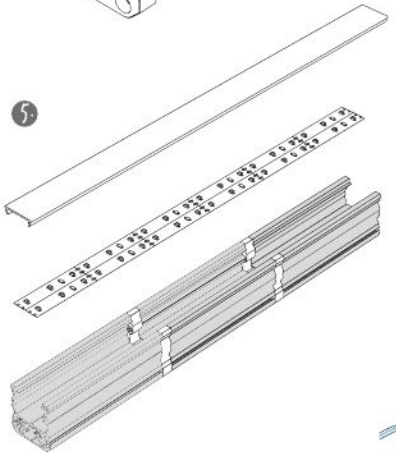


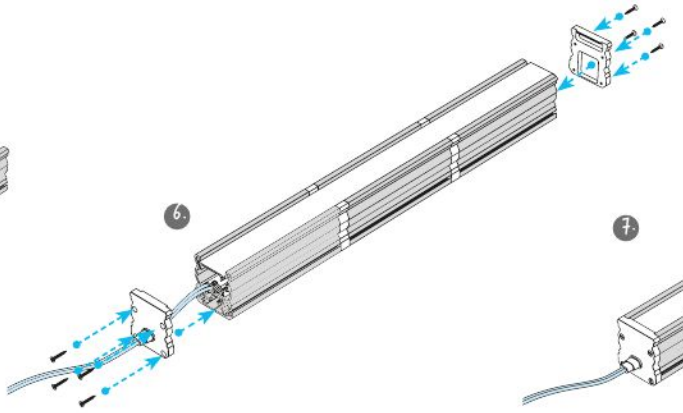
Use the stuffing box for the caps of TALIA + TALIA M1 profile to make the aesthetic routing of the cable from the profile through the cap.

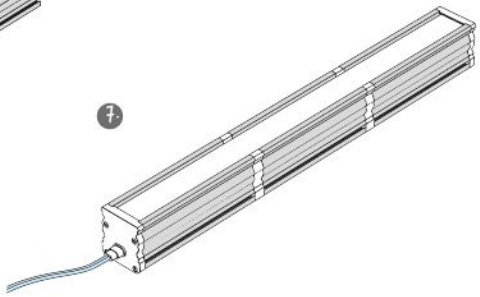




If necessary, shorten the stuffing box with a knife to adapt it to the appropriate diameter of the power supply cable.

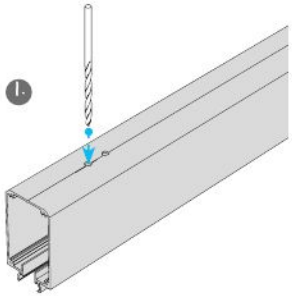


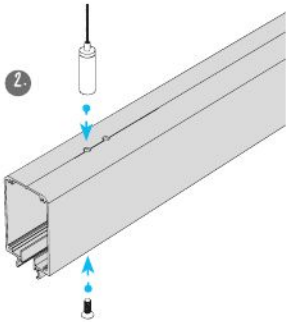


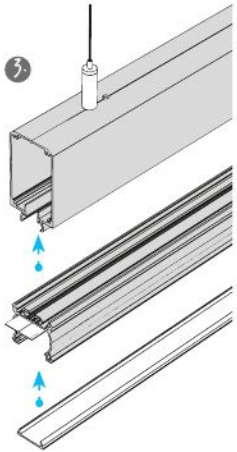


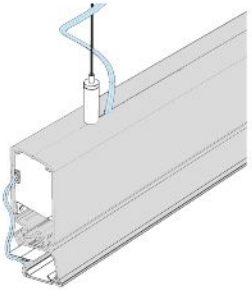
Example of the TALIA M2 assembly profile use in combination with TALIA profile.

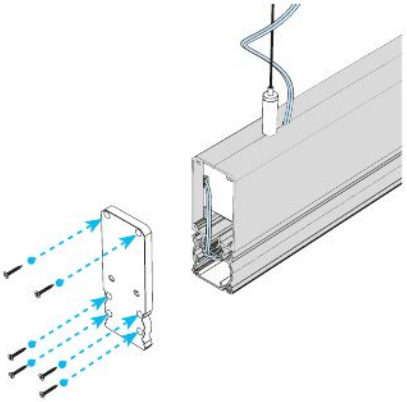
1. Drill holes for slings and supply cables as shown in the figure.
2-3. Screw the sling with screws to the TALIA M2 profile and then prepare TALIA profile with straps and cover.
4-6. Slide the assembly supply into the TALIA M2 profile and then connect the power cord with power supply and LED strip with power supply. The entirety secure by fitting the end cap on both sides of the profiles joint with each other.

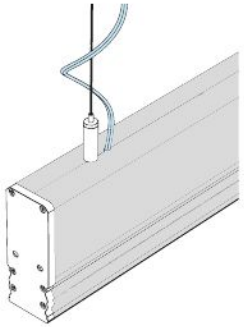






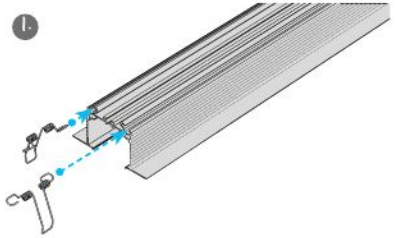


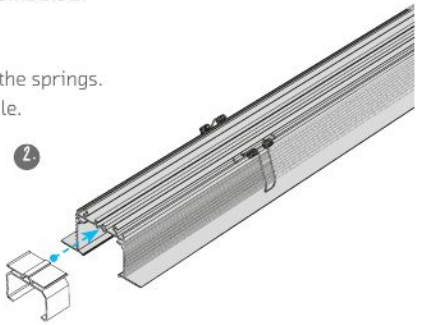


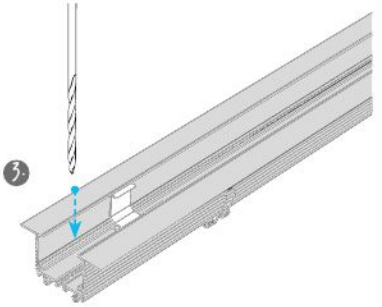


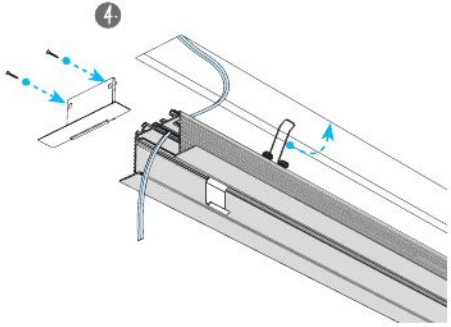
Steps of application of TALIA M3 mounting profile in the ceiling.

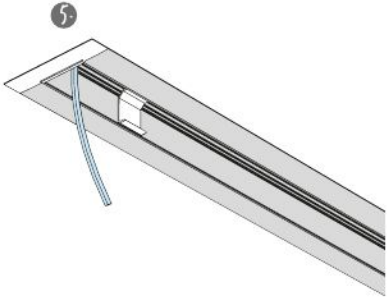
1. Insert the springs into the slots of the TALIA M3 profile.
2. Slide the inter-profile connector into the characteristic profile slots.
3. Drill a hole for the power cord.
4. Close the profile with a plug suitable for plastering.
5. Insert the profile into the groove in the ceiling by bending the springs.
6. Prime the ceiling surface and plaster the sides of the profile.

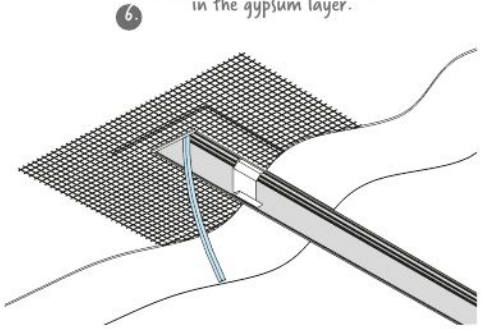








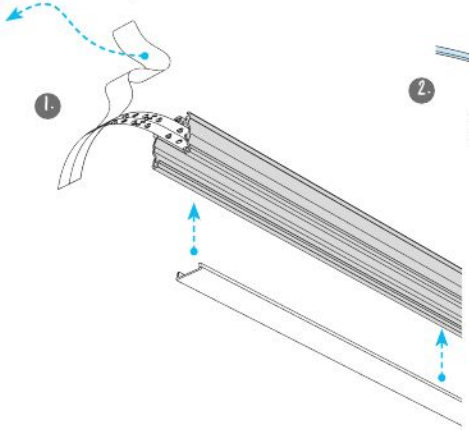


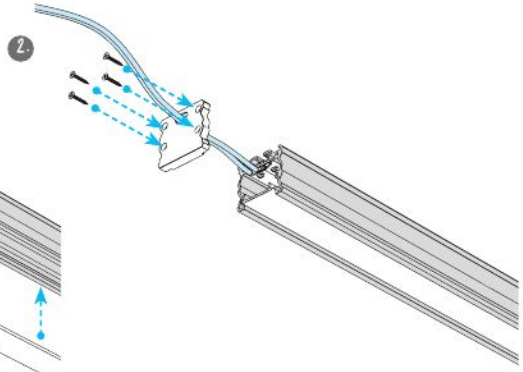


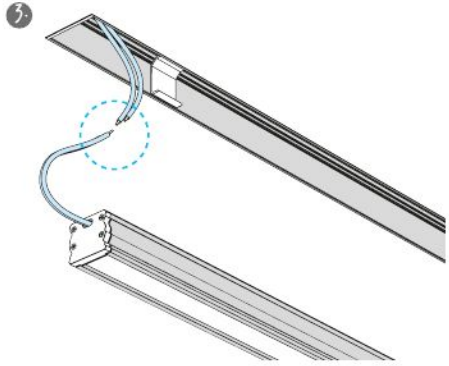
You can use mesh, felt or a special paper strip in order to prevent cracks in the gypsum layer.

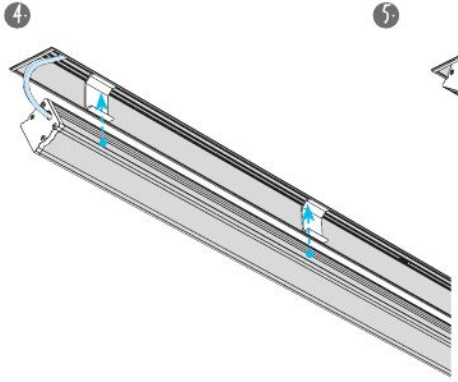
Installing the LED strip in the TALIA profile and connecting the power cables in the ceiling system with the use of a TALIA M3 plasterboard profile.

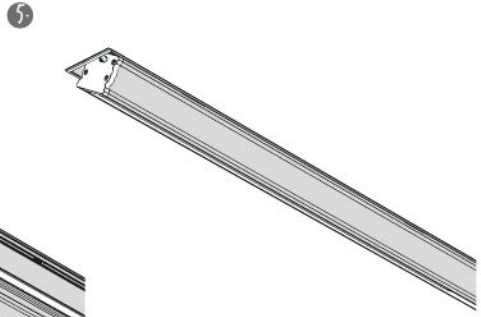
1. Glue LED strips to the profile.
2. Mount the cover and route the power supply wires through the hole in the cap.
3. Connect the supply lines.
4-7. Install the TALIA profile in the assembly profile, using inter-profile connectors.



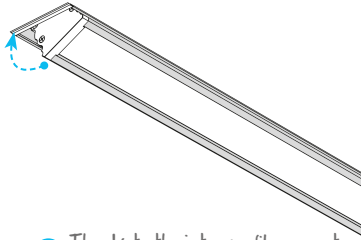








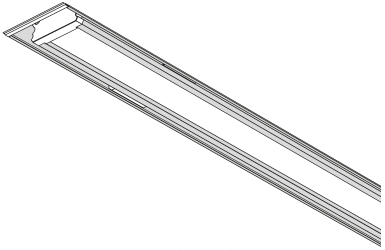
6.



Thanks to the inter-profile connector in the TALIA M3 assembly profile you can eject and/or rotate the profile along its entire length.



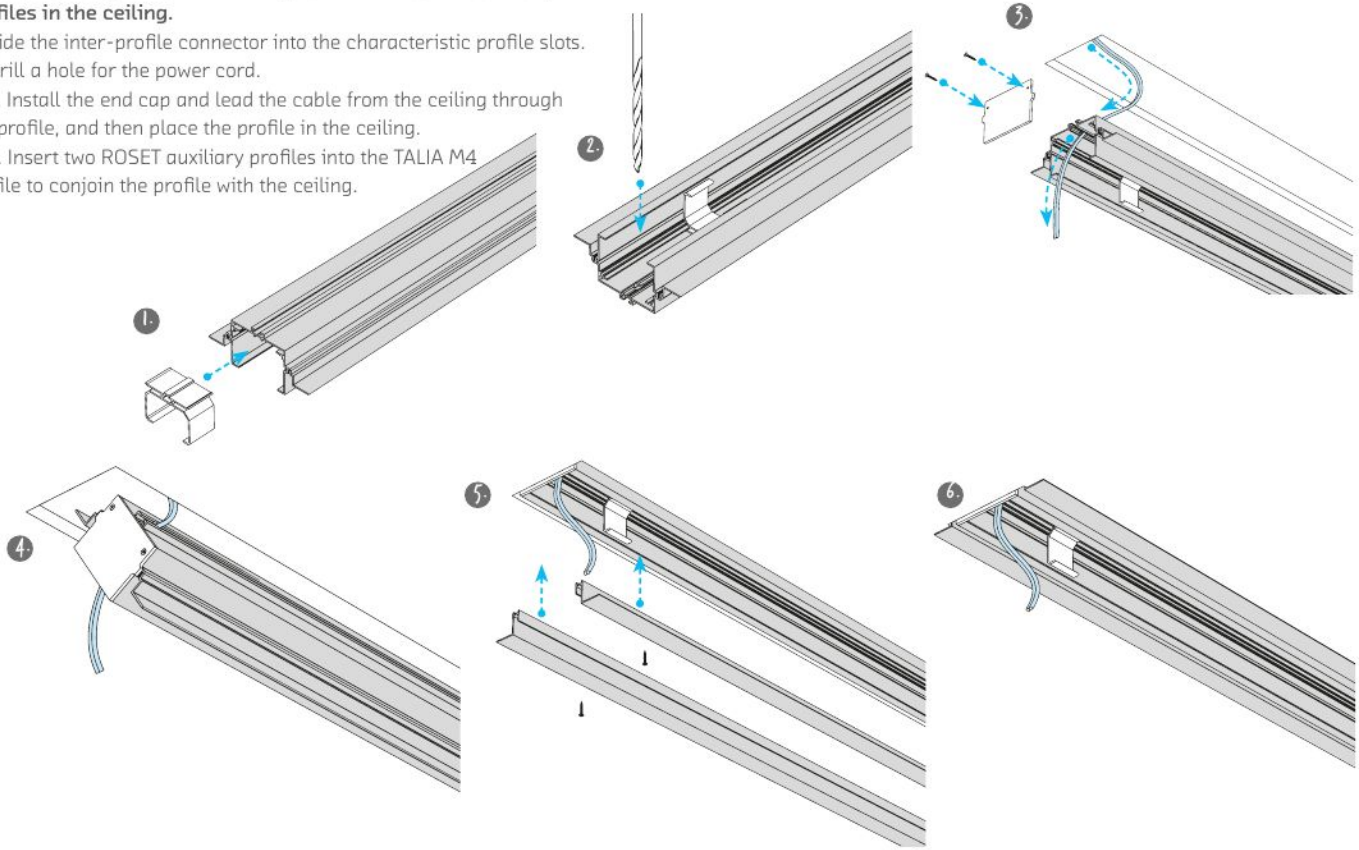
7.



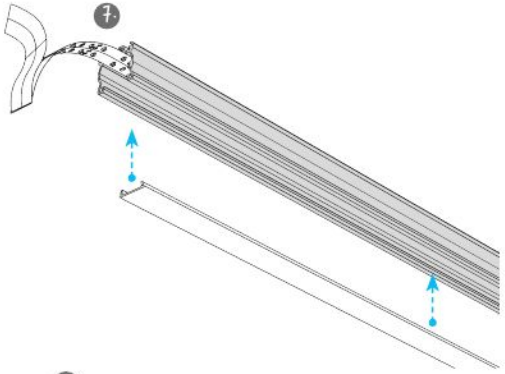
It is a good idea to leave a little free space between end of TALIA profile and TALIA M3 profile cap. This makes it easier to adjust the angle.

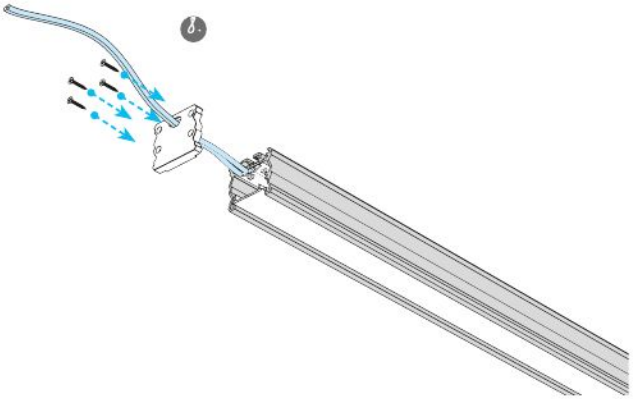
Installation diagram of TALIA M4 profile with ROSET auxiliary profiles in the ceiling.

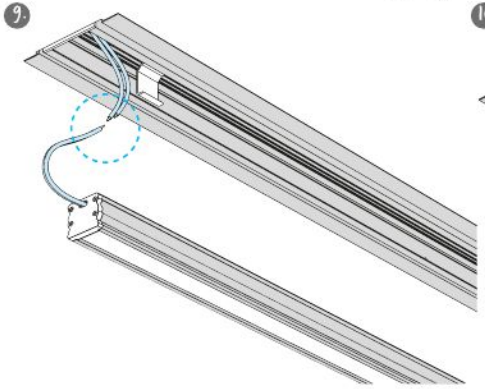
1. Slide the inter-profile connector into the characteristic profile slots.
2. Drill a hole for the power cord.
3-4. Install the end cap and lead the cable from the ceiling through the profile, and then place the profile in the ceiling.
5-6. Insert two ROSET auxiliary profiles into the TALIA M4 profile to conjoin the profile with the ceiling.

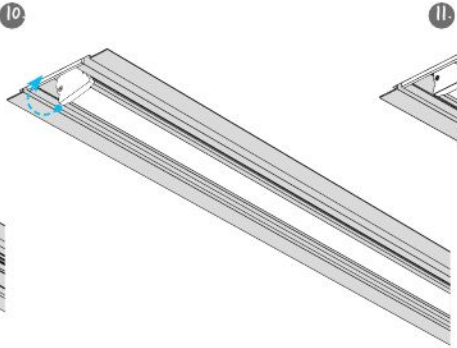


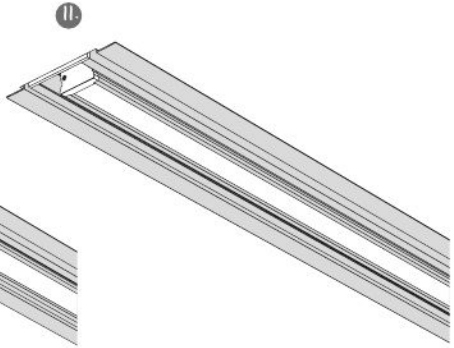
7-8. Glue the LED strips to the inner surface of the profile and then solder the short cable to the contacts.
9-11. Connect the strip cables to the ceiling cables and slide the profile to the inter-profile connector, located inside TALIA M4.

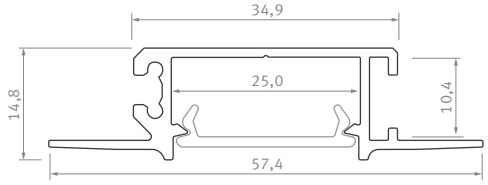




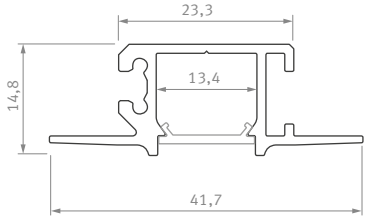






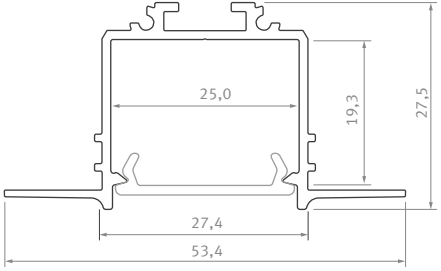


NAME	TYPE
PROFILE ZATI	ARCHITECTURAL RECESSED
APPLICATION	
MOUNTED DIRECTLY ON THE WALL BETWEEN TWO PLASTERBOARDS. TO BE USED IN MODERN RESIDENTIAL ARCHITECTURE IN PUBLIC BUILDINGS	

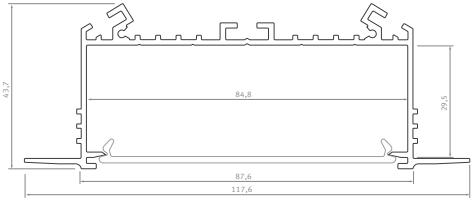


NAME	TYPE
PROFILE MONO	ARCHITECTURAL RECESSED
APPLICATION	
SHALLOW RECESSED, PLASTER-IN TRIMLESS PROFILE, MOUNTED DIRECTLY ON THE WALL BETWEEN TWO PLASTERBOARDS. FOR USE IN MODERN RESIDENTIAL BULDINGS OR IN PUBLIC PREMINESSIES	

LUMINES® LIGHTING



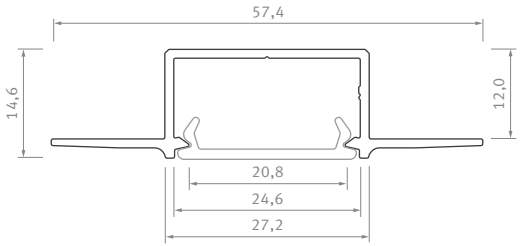
NAME	TYPE
PROFILE SUBLI	ARCHITECTURAL RECESSED
APPLICATION	
FOR USE IN ARCHITECTURAL BUILDINGS, INDUSTRIAL AND COMMERCIAL BUILDINGS	



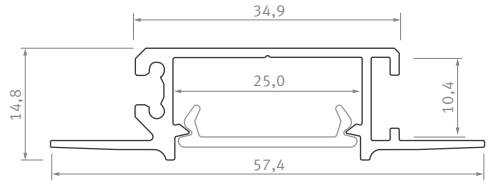
SKALA 1:2

NAME	TYPE
PROFILE SORGA	ARCHITECTURAL RECESSED
APPLICATION	
FOR USE IN INDUSTRIAL AND COMMERCIAL BUILDINGS	

LUMINES® LIGHTING



NAME	TYPE
PROFILE HIRO	ARCHITECTURAL RECESSED
APPLICATION	
DOUBLE LED PROFILE FOR INSTALLATION AND FINISHING WITH PLASTER, DESIGNED FOR TWO PARALLEL LED STRIP INSTALLATIONS. THANKS TO ITS SIMPLIFIED DESIGN, IT ENABLES QUICK AND EASY INSTALLATION	

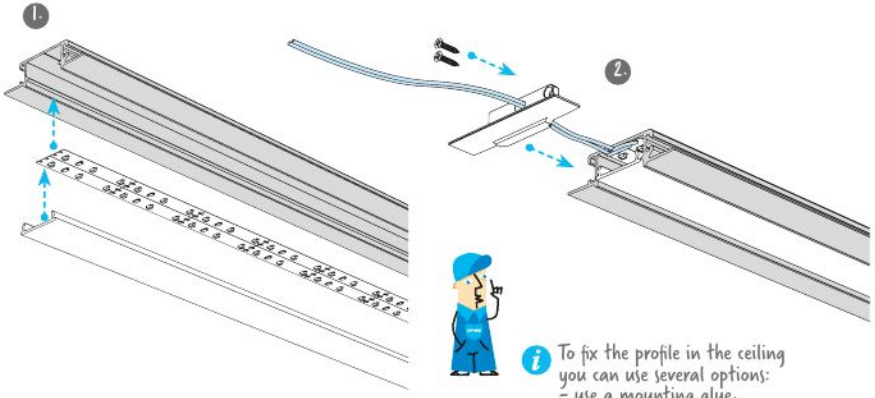


NAME	TYPE
PROFILE GAUDI	ARCHITECTURAL RECESSED
APPLICATION	
LED PROFILE FOR INSTALLATION AND FINISHING WITH PLASTER, DESIGNED FOR ONE LED STRIP INSTALLATION. THANKS TO ITS SIMPLIFIED DESIGN, IT ENABLES QUICK AND EASY INSTALLATION	

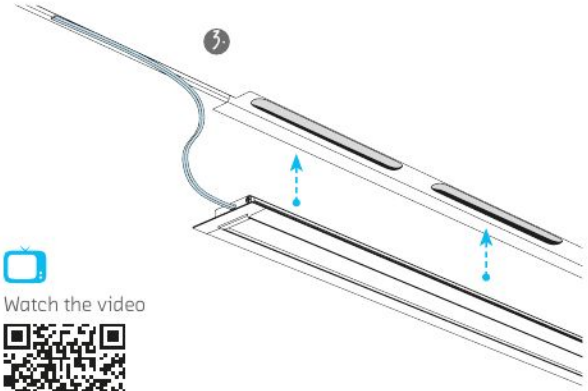
LUMINES® LIGHTING

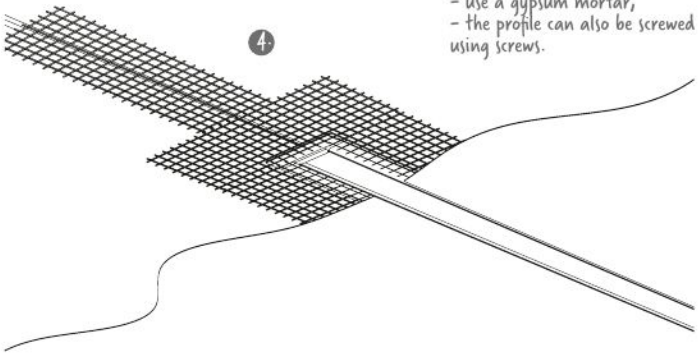
Stages of ZATI recessed profile installation in the ceiling.

1. Glue up to two LED strips to the ZATI profile in parallel, covering the entirety with the Double cover.
2. Solder the supply wires to the contacts at the end of the LED strips and route through the cap. Screw it to the profile with two screws.
3. Route the wires in the previously prepared and milled surface. Insert profile into the slot.
4. Fill the slot with previously milled gypsum compound and apply a self-adhesive mesh and start plastering the ceiling. Finally, apply paint.



To fix the profile in the ceiling you can use several options:
- use a mounting glue,
- use a gypsum mortar,
- the profile can also be screwed using screws.

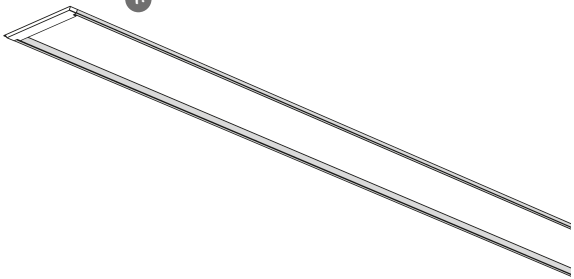




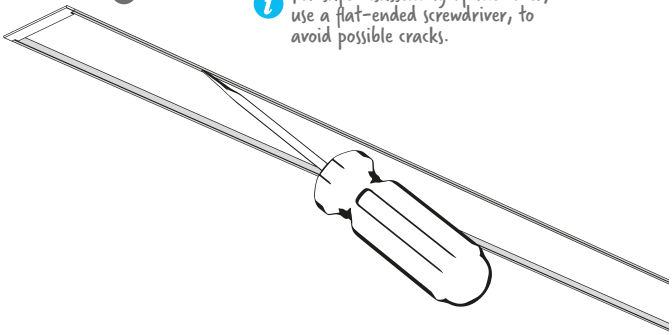
Watch the video

A method of removing the cover from the aluminium profile.

1.

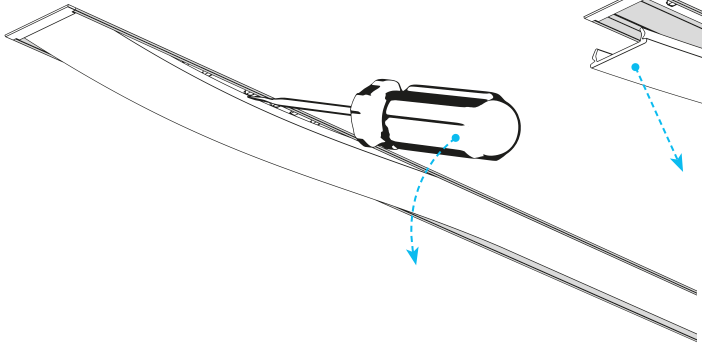


2.

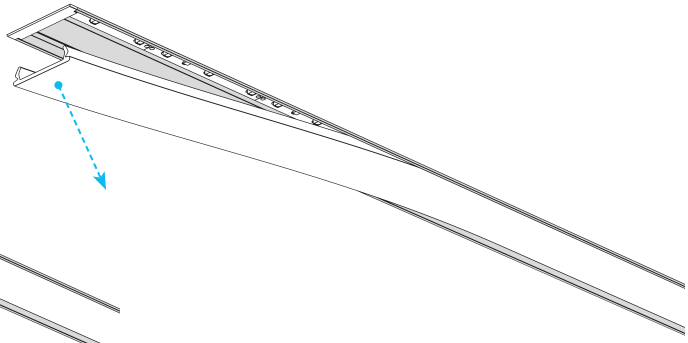


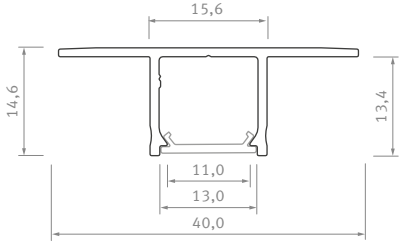
For safe disassembly of the cover, use a flat-ended screwdriver, to avoid possible cracks.

3.

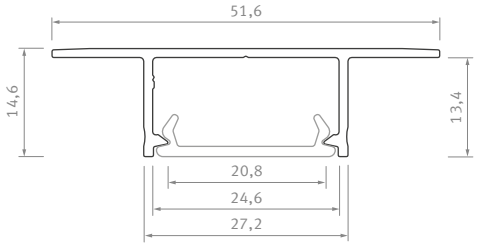


4.





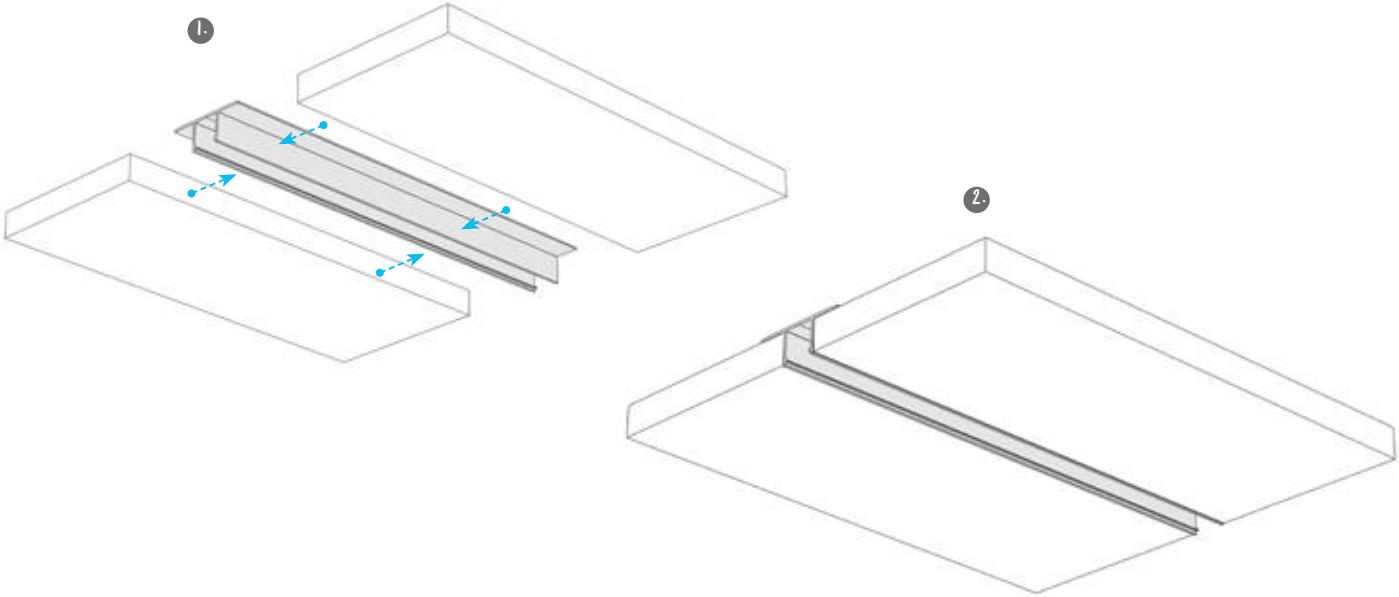
NAME	TYPE
PROFILE FALCO	ARCHITECTURAL RECESSED
APPLICATION	
SINGLE LED PROFILE FOR INSTALLATION BETWEEN TWO PLASTERBOARD SHEETS. ALLOWS FOR FAST INSTALLATION USING SCREWS AND FINISHING WITH PLASTER WITHOUT THE NEED FOR A MOUNTING MESH	



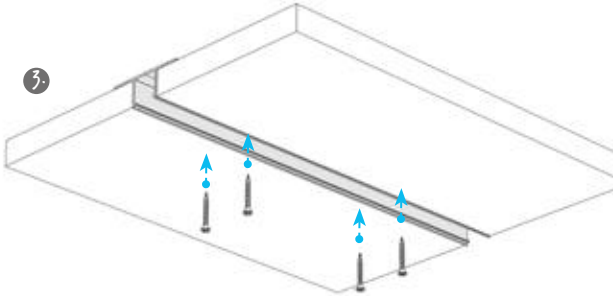
NAME	TYPE
PROFILE PLATO	ARCHITECTURAL RECESSED
APPLICATION	
DOUBLE LED PROFILE FOR INSTALLATION BETWEEN TWO PLASTER-BOARD SHEETS. ALLOWS FOR FAST INSTALLATION USING SCREWS AND FINISHING WITH PLASTER WITHOUT THE NEED FOR A MOUNTING MESH	

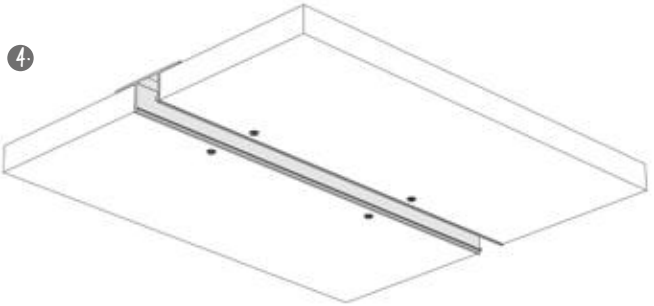
LUMINES® LIGHTING

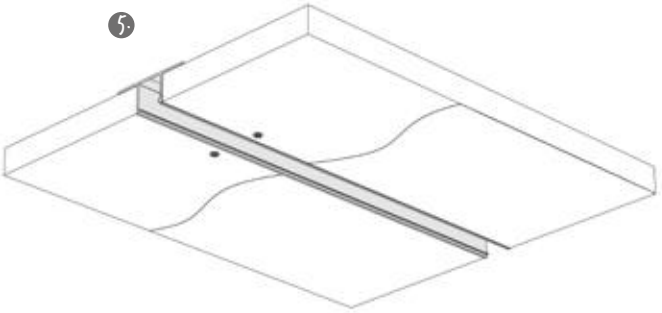
Installation diagram of the FALCO and PLATO profile in the ceiling.
1-2. Place the profile between two plasterboards.



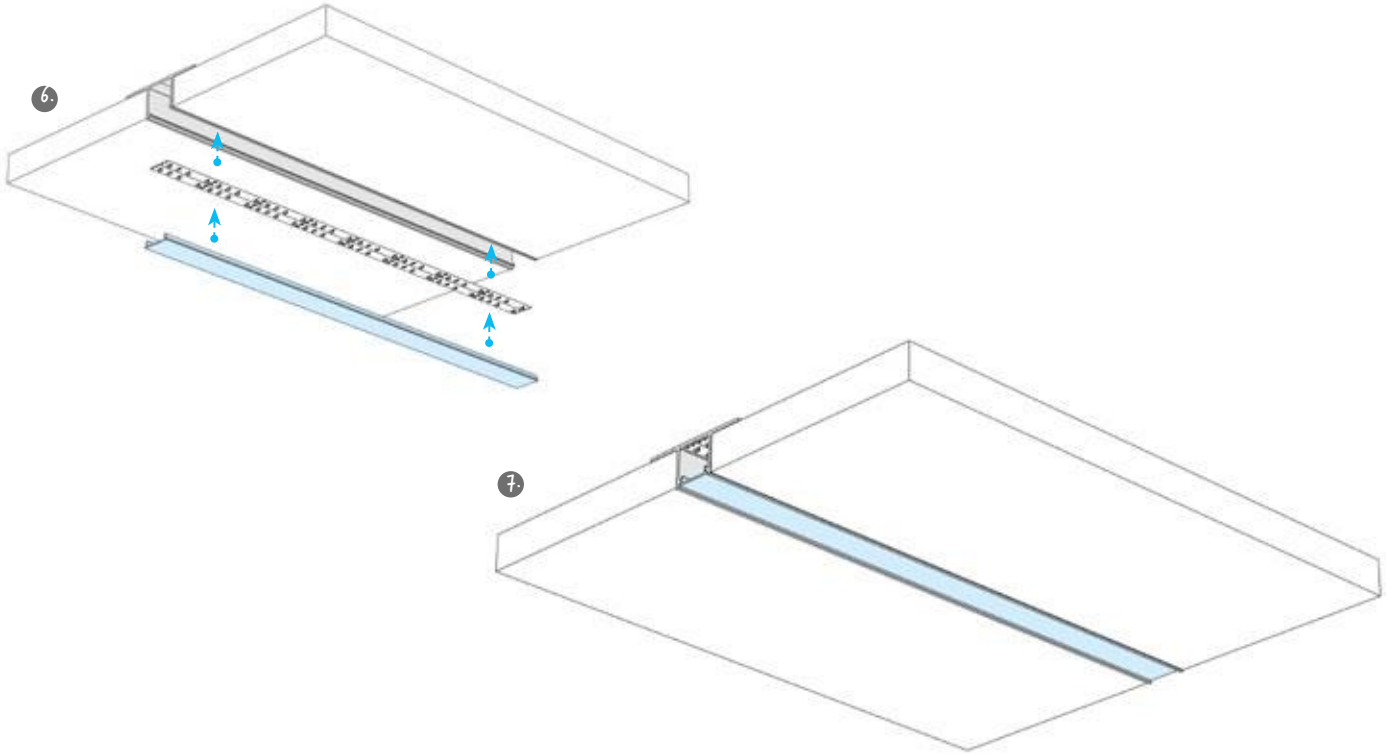
3-4. Secure the aluminum profile with mounting screws.
5. Finish the surface of the plasterboards by applying putty and painting in the selected color.

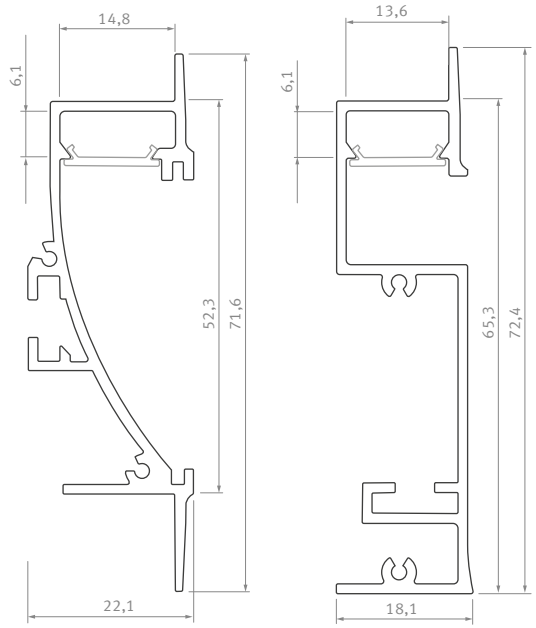






6-7. Paste the LED strips and install the cover.





TIANO / FLARO

NAME	TYPE
PROFILE TIANO	ARCHITECTURAL RECESSED
APPLICATION	
FOR LIGHTING OF RESIDENTAL ROOMS AND COMMERCIAL BUILDINGS	

NAME	TYPE
PROFILE FLARO	ARCHITECTURAL RECESSED
APPLICATION	
FOR LIGHTING OF RESIDENTAL ROOMS AND COMMERCIAL BUILDINGS	

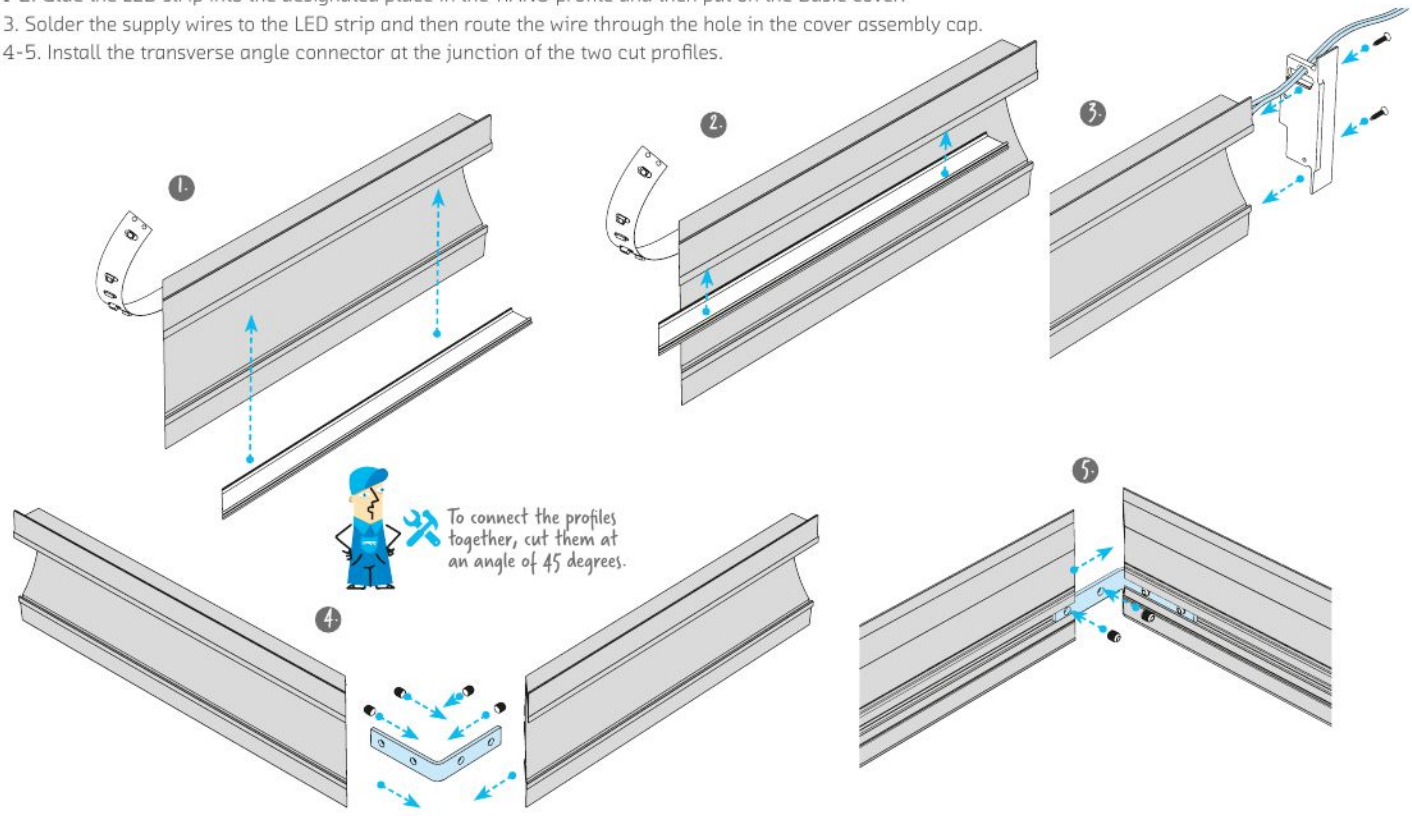
LUMINES® LIGHTING

LED strip assembly and TIANO profile connection diagram.

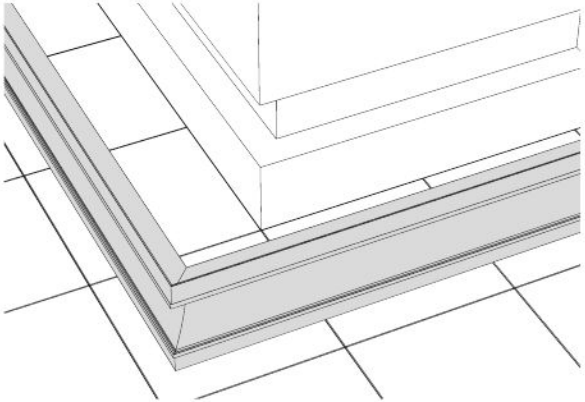
1-2. Glue the LED strip into the designated place in the TIANO profile and then put on the Basic cover.

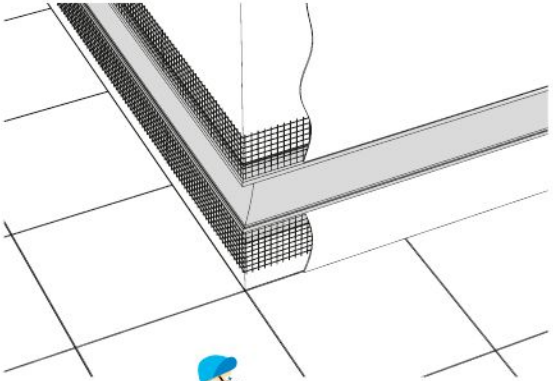
3. Solder the supply wires to the LED strip and then route the wire through the hole in the cover assembly cap.

4-5. Install the transverse angle connector at the junction of the two cut profiles.



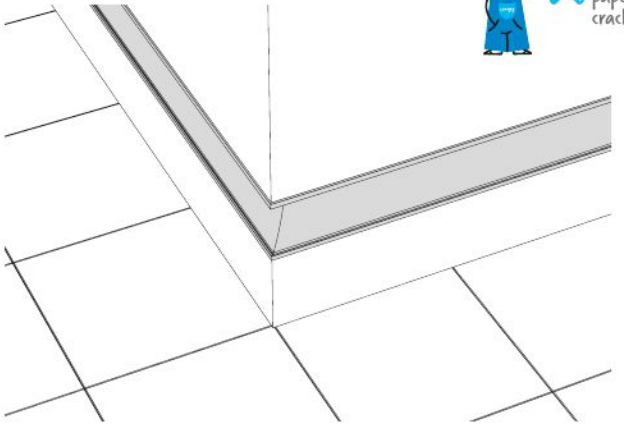
Installation of the TIANO profile in the wall and the stages of gypsuming.







You can use mesh, felt or a special paper strip in order to prevent cracks in the gypsum layer.

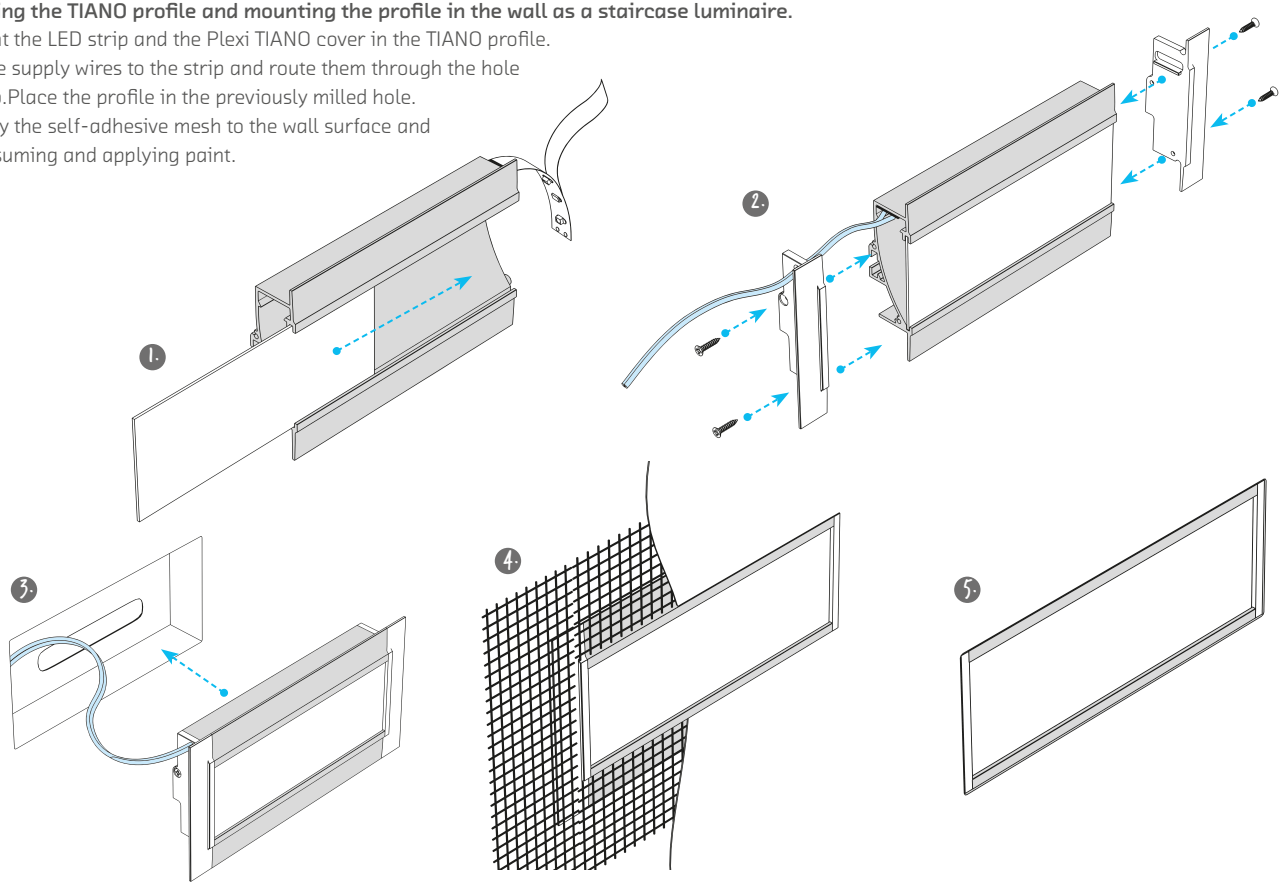


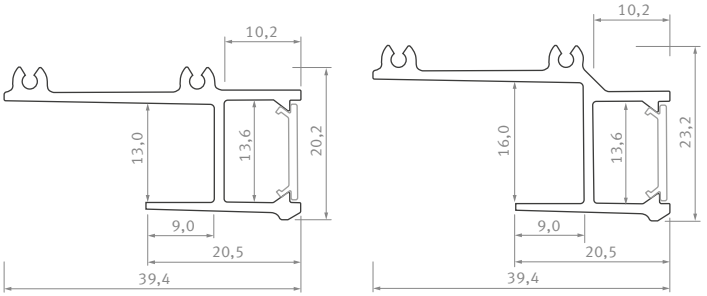
Watch the video

Assembling the TIANO profile and mounting the profile in the wall as a staircase luminaire.

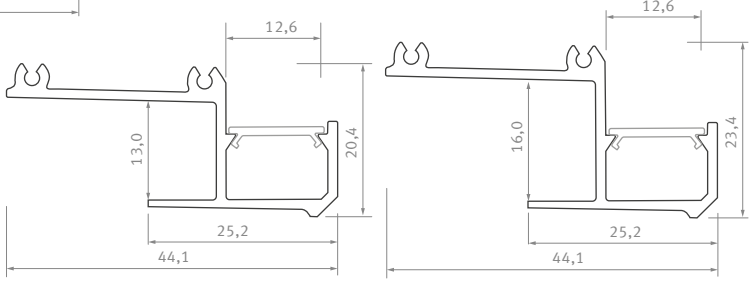
1-3. Mount the LED strip and the Plexi TIANO cover in the TIANO profile. Solder the supply wires to the strip and route them through the hole in the cap.Place the profile in the previously milled hole.

4-5. Apply the self-adhesive mesh to the wall surface and start gypsuming and applying paint.





APA12 / APA16



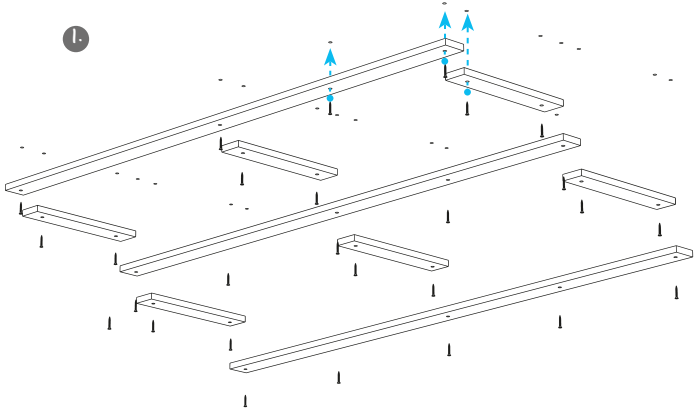
IPA12 / IPA16

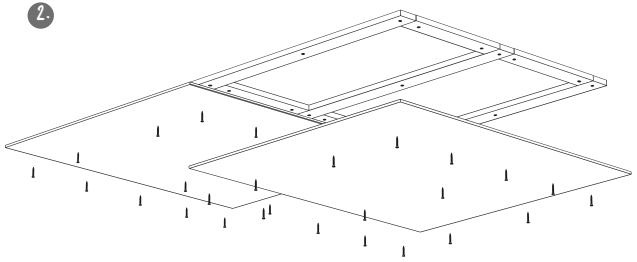
LUMINES® LIGHTING

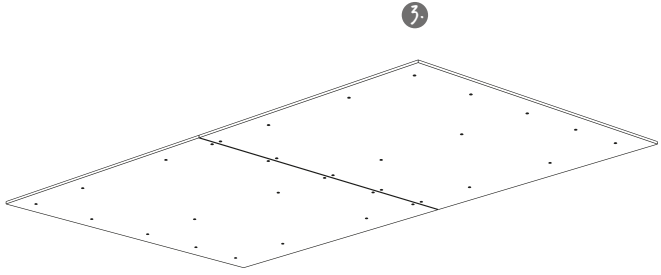
NAME	TYPE
PROFILE APA / IPA	ARCHITECTURAL WALL / CEILING
APPLICATION	
FOR LIGHTING OF THE CEILING RECESS AND DECORATIVE ARRANGEMENTS	

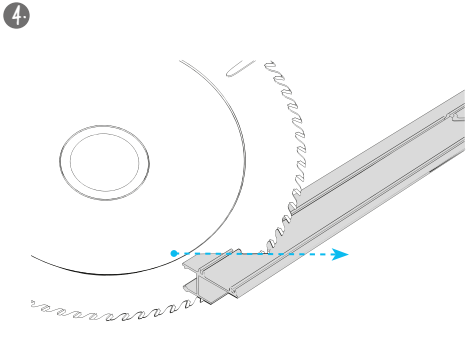
Example of the preparation of a suspended ceiling for installation of IPA and APA profiles around a ceiling island.

1. Mount the construction profiles for installation of plasterboards to the ceiling.
2-3. Mount the plasterboards to the prepared structure.
4. Cut the profiles at an angle of 45 degrees at the place of further joining.



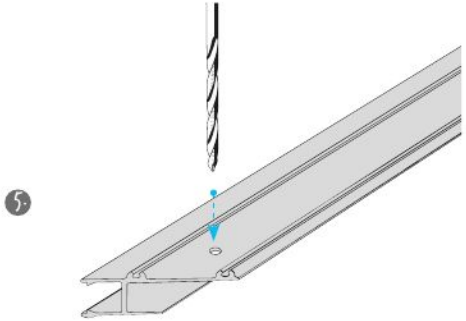


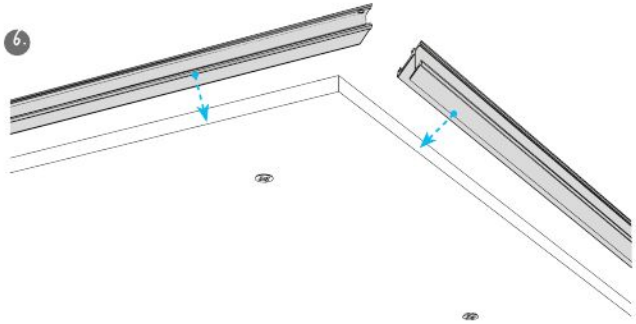


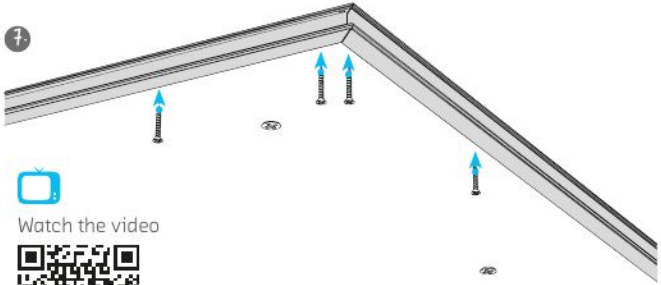




5. Drill assembly holes in the profile.
6. Apply the IPA / APA profile on the plasterboard.
7-8. Route the profile with plasterboard through the previously prepared opening.



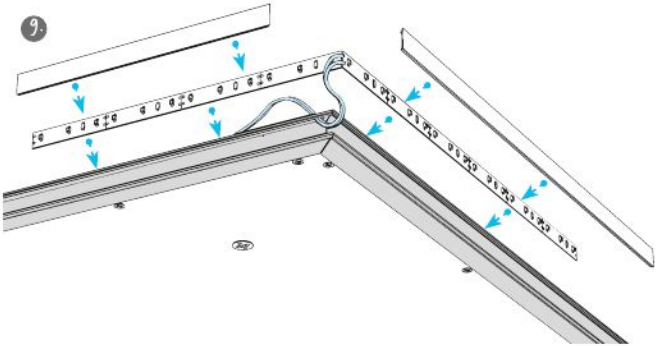




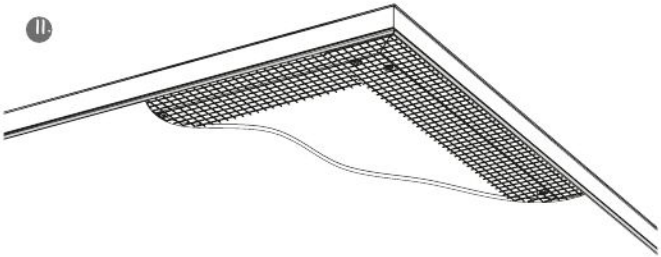


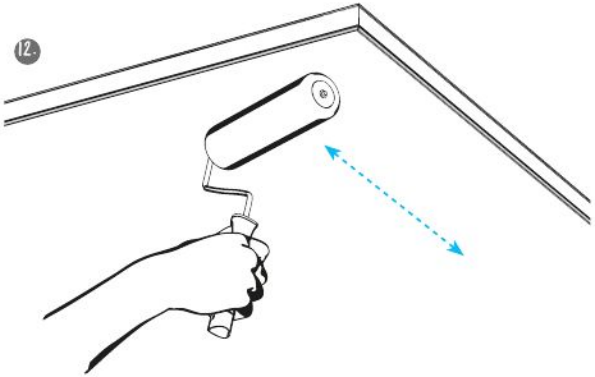
Watch the video

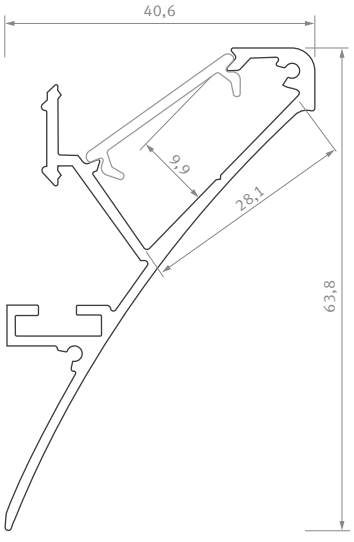
9-10. Mount the LED strip with the cover.
11. Finish the surface of the plasterboards by applying a bonding mesh and a layer of plaster.
12. After the gypsum has dried up, paint the surface with the selected colour.



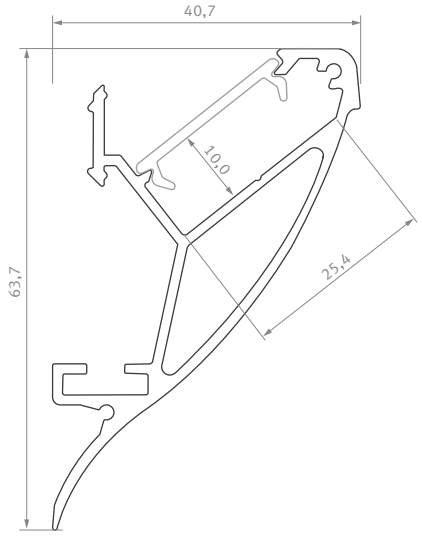








NAME	TYPE
PROFILE LOGI	ARCHITECTURAL SURFACE
APPLICATION	
FOR DECORATIVE, WALL AND CEILING USE	

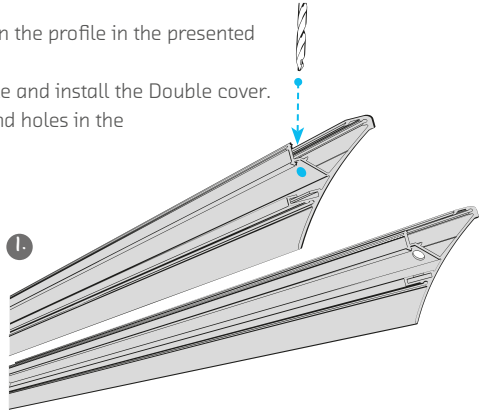


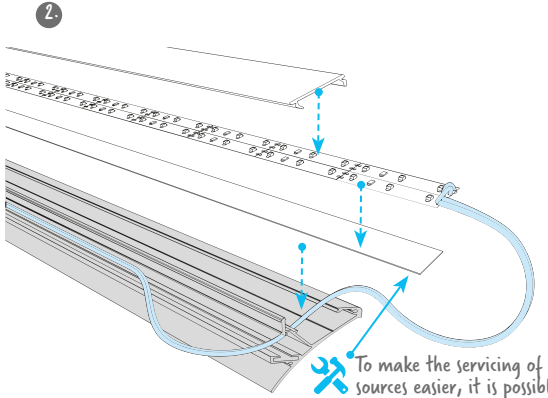
NAME	TYPE
PROFILE CONVA	ARCHITECTURAL SURFACE
APPLICATION	
FOR DECORATIVE, WALL AND CEILING USE	

LUMINES® LIGHTING

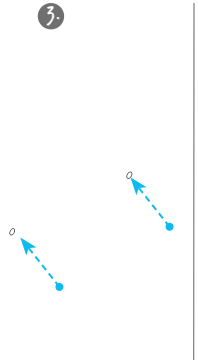
Stages of the installation of the LOGI wall profile using the SPARO assembly profile.

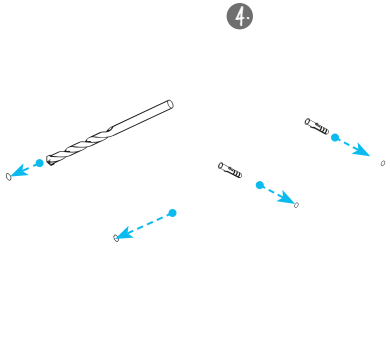
1. Drill holes for power supply cables in the profile in the presented drawing.
2. Glue the LED strip to the LOGI profile and install the Double cover.
3-5. Drill holes for expansion plugs and holes in the SPARO assembly profile.

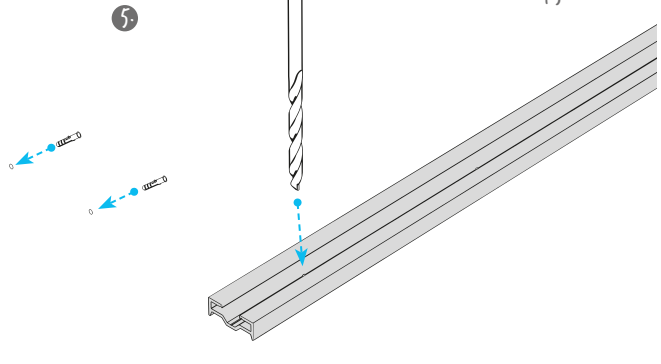




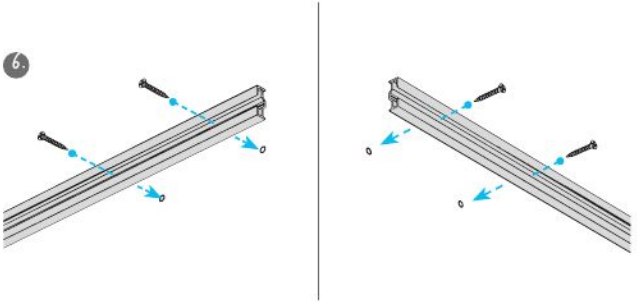
To make the servicing of light sources easier, it is possible to install the strips on the aluminium flat bar which should be inserted into the inside of the LOGI profile, as shown in the figure.

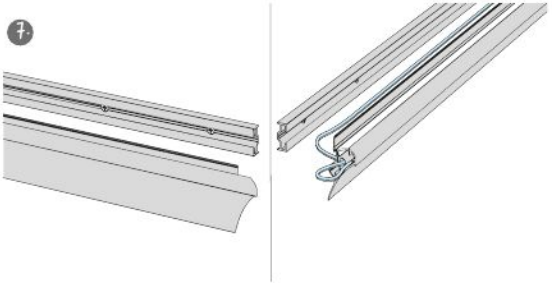


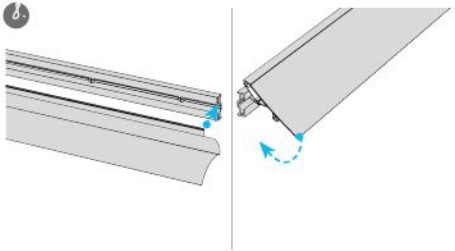


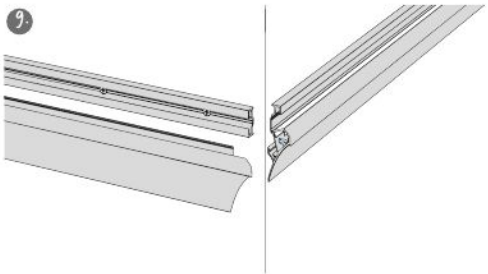


6. Screw the SPARO profiles to the wall using mounting screws.
7-11. Attach the LOGI profiles with LED strips to the SPARO assembly profiles as in the attached drawings.



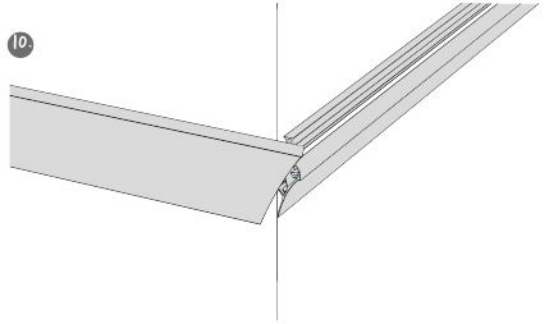


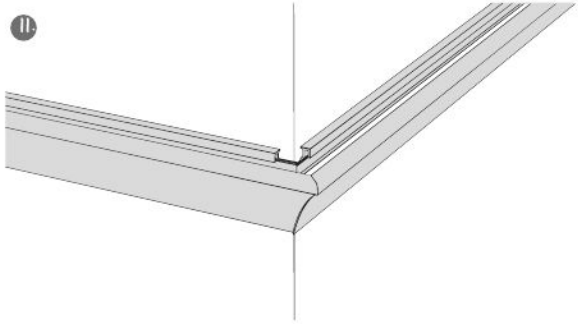


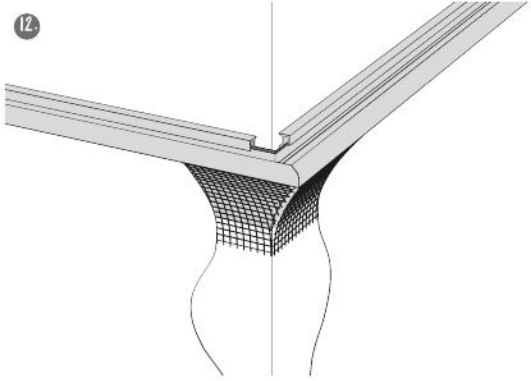


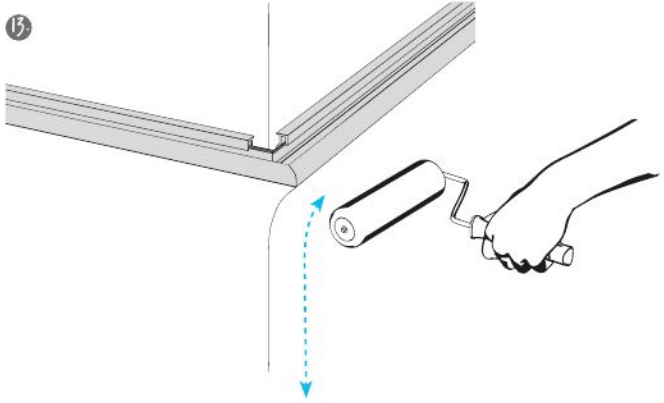
Watch the video

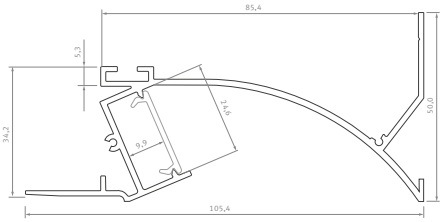
12-13. Perform gypsuming of the external walls of the LOGI profile, and then start with final painting.



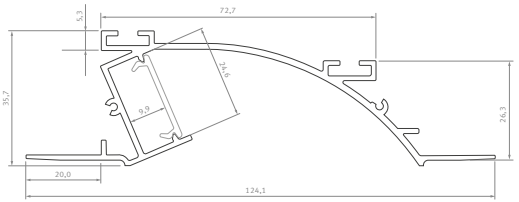




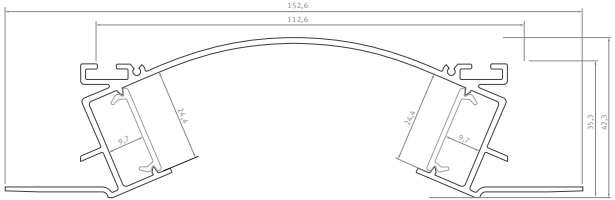




NAME	TYPE
PROFILE TOPO	ARCHITECTURAL CONSTRUCTIONAL
APPLICATION	
INTER-PLATE, STRUCTURAL – TO BE USED IN SUSPENDED CEILINGS IN RESIDENTIAL HOUSING	



NAME	TYPE
PROFILE PERO	ARCHITECTURAL CONSTRUCTIONAL
APPLICATION	
INTER-PLATE, STRUCTURAL – TO BE USED IN SUSPENDED CEILINGS IN RESIDENTIAL HOUSING	



SCALE 1:2

NAME	TYPE
PROFILE VEDA	ARCHITECTURAL CONSTRUCTIONAL
APPLICATION	
INTER-PLATE, STRUCTURAL – TO BE USED IN SUSPENDED CEILINGS IN RESIDENTIAL HOUSING	

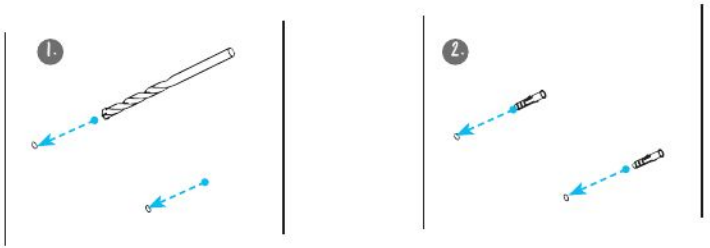
LUMINES® LIGHTING

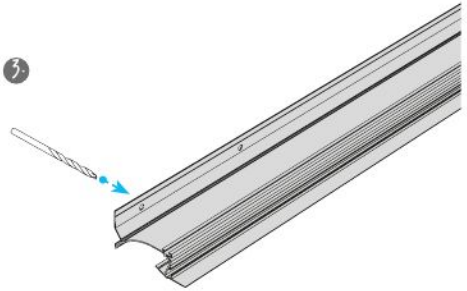
Steps of the installation of the TOPO ceiling profile.

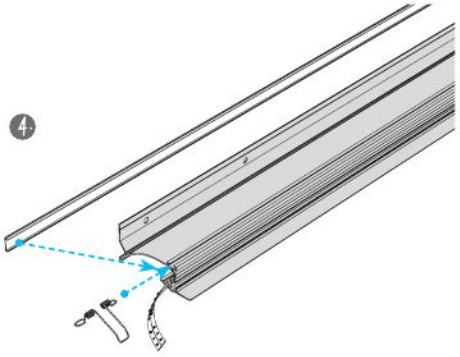
1-3. Prepare the holes for fixing the profiles to the wall.

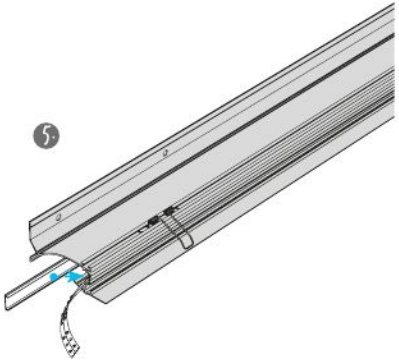
4-5. Glue the LED strip to the designated place for gluing, put on the cover and slide the assembly spring into the slot and this spring rests on the ceiling plate.

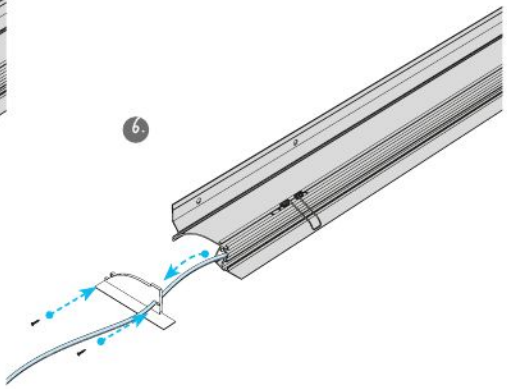
6. Solder the supply wires to the LED strip and route them through the hole in the cap.



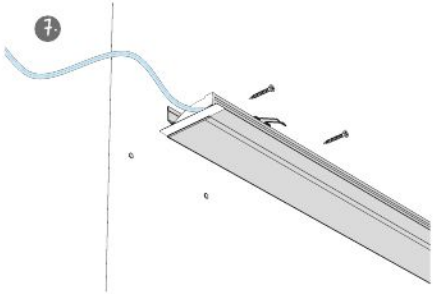


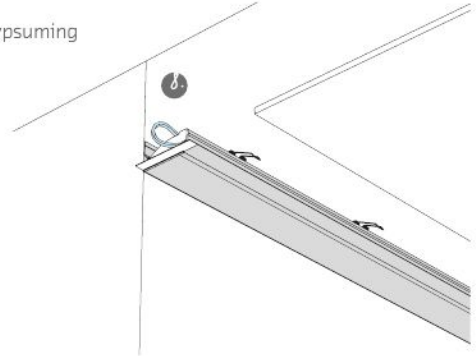


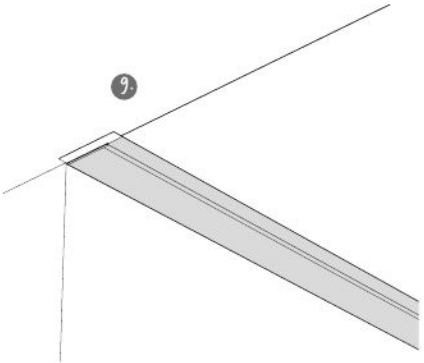


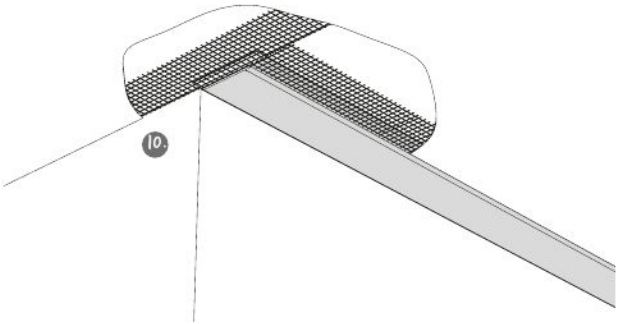


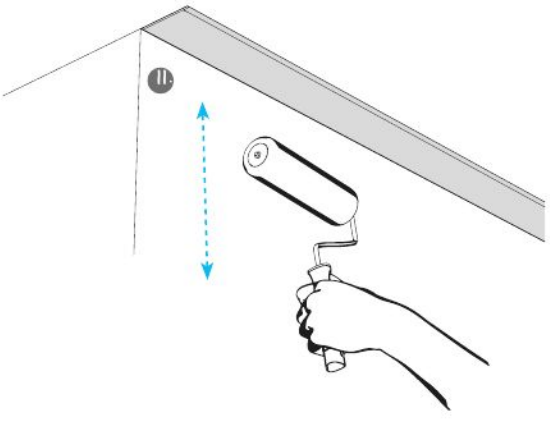
7. Apply the profile to the wall and fasten with screws.
8-9. Insert the power cord into the suspended ceiling, then fix the profile on the assembly springs in the hole.
10-11. Apply the self-adhesive mesh and proceed with gypsuming and painting the ceiling.











Watch the video

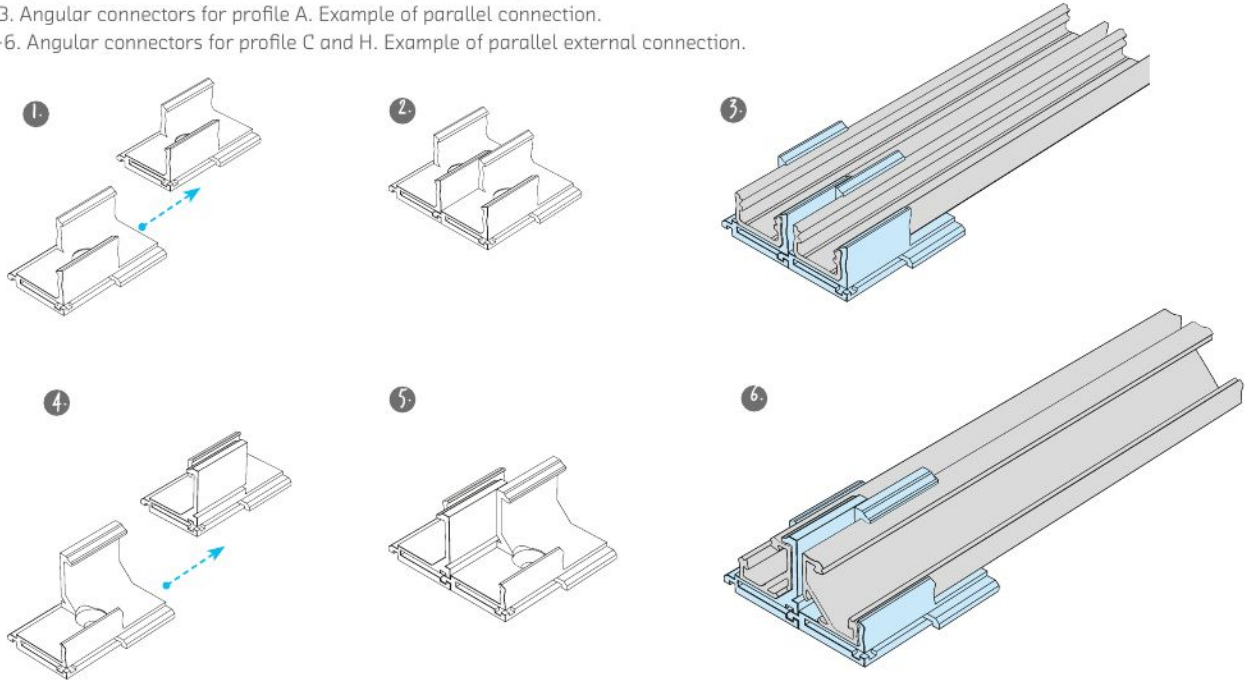
LUMINES®
LIGHTING

NAME	MATERIAL
CONNECTORS	PLASTIC
APPLICATION	
FIXING AND JOINING LUMINES PROFILES	

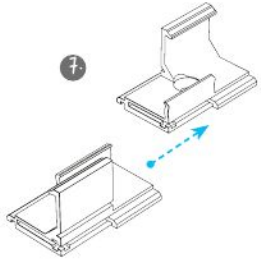
Angular connectors for furniture profiles are designed for parallel and perpendicular connection in different spatial configurations.

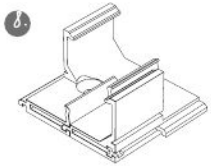
1-3. Angular connectors for profile A. Example of parallel connection.

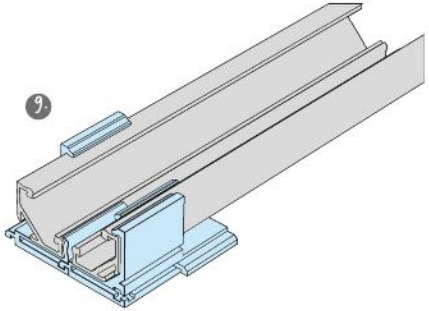
4-6. Angular connectors for profile C and H. Example of parallel external connection.

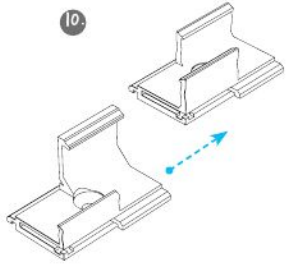


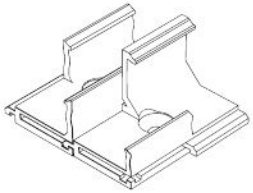
7-9. Angular connectors for profile C. Example of parallel internal connection.
10-12. Example of parallel connection by means of connectors to profile A
and profile C in the external arrangement.

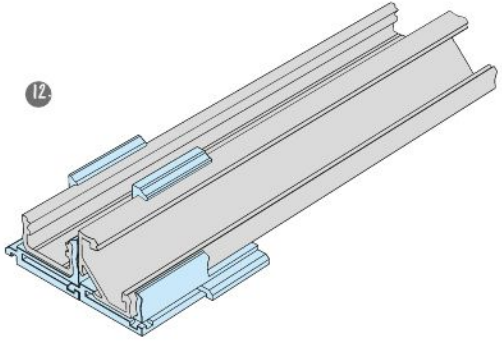




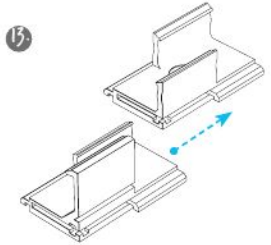


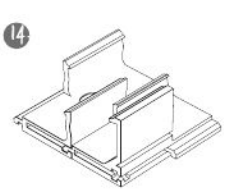


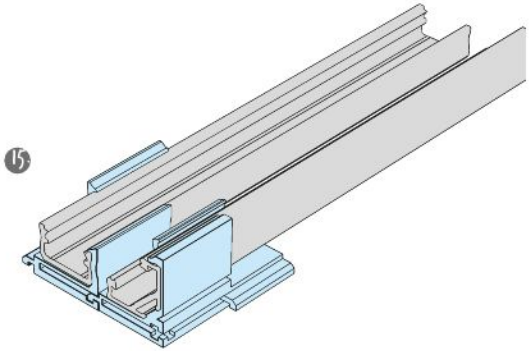


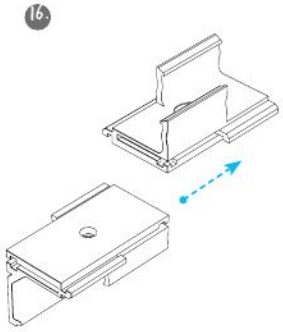


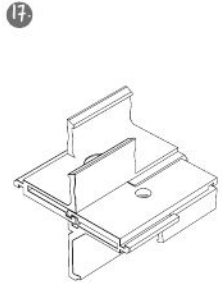
13-15. Example of parallel connection by means of connectors to profile A and profile C in the internal arrangement.
16-18. Example of parallel connection by means of connectors to profile A and profile C in the opposite arrangement.

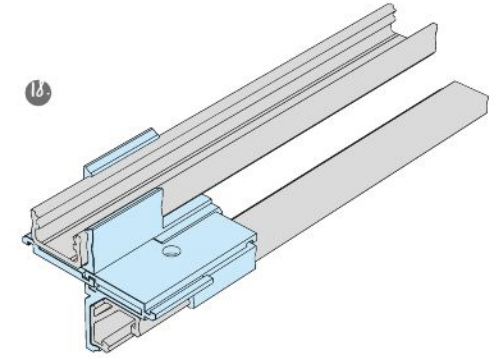




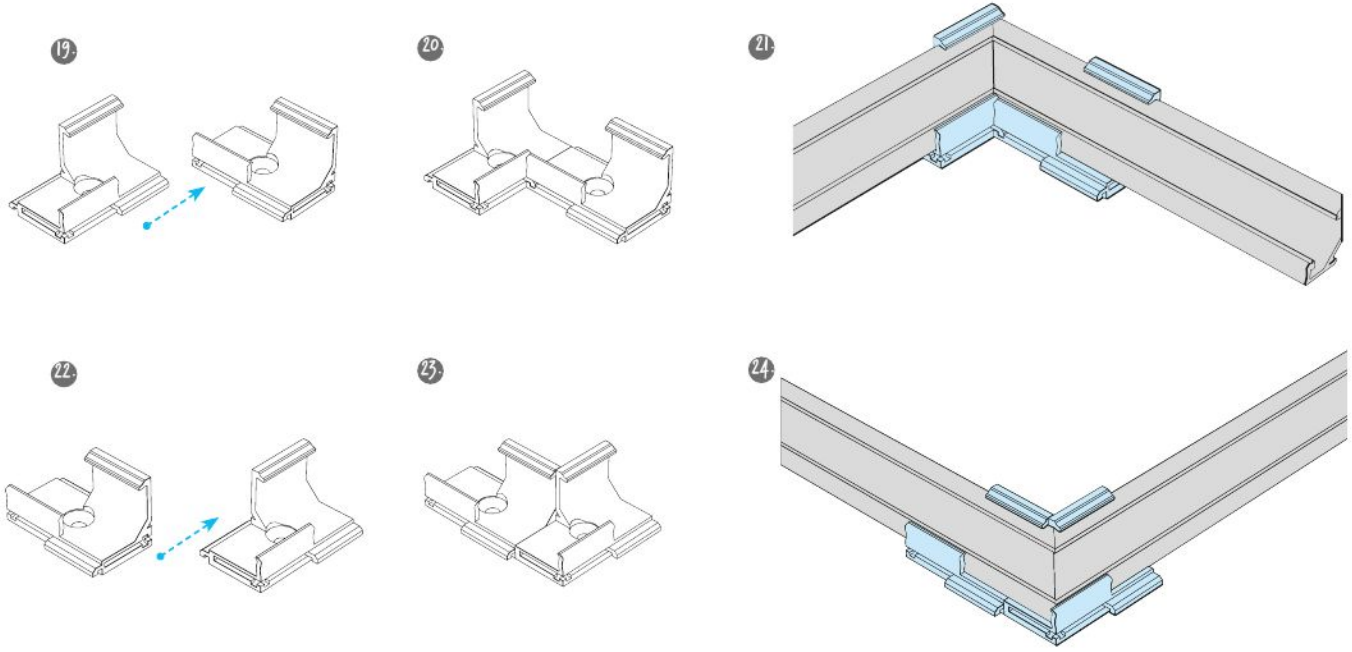




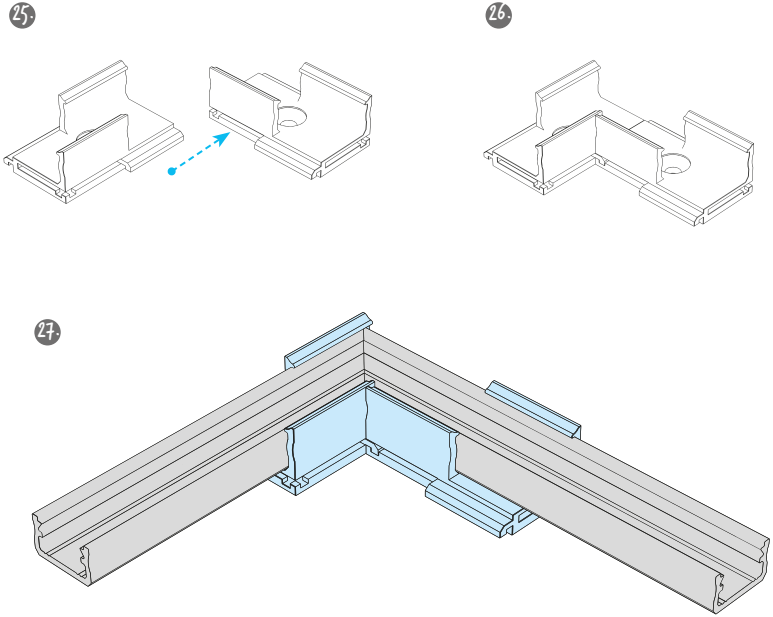




19-21. Angular connectors for profile C. Example of perpendicular connection to the inside.
22-24. Angular connectors for profile C. Example of perpendicular connection to the outside.



25-27. Angular connectors for profile A. Example of perpendicular connection.



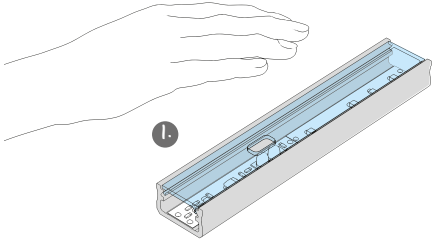
LUMINES®
LIGHTING

NAME	TYPE
SWITCHES	TOUCH AND CONTACTLESS
APPLICATION	
SWITCHES FOR INTERNAL USE IN PROFILES OF FURNITURES	

1. Contactless OPTO LED switch PWM 12/24 V 60-72 W

Contactless switch for hand movement with ON/OFF function and light intensity change.

The mounting hole for the transmitting and receiving diode must be made with a 5 mm drill bit. A smaller hole may damage the diode when the cover is being mounted. Quick movement of hand over the switch causes the lighting to be switched on/off. Holding your hand for more than 2 seconds above the switch will cause the diode to blink and switch to light intensity control mode.

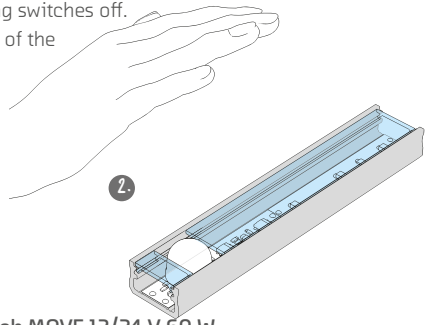


2. Contactless switch PIR 12/24 V 60 W

Motion detector switch with ON/OFF function.Make a notch in the cover in place of the sensor so that the detector can easily detect the movement. At the moment of movement detection in the field of vision of the detector, the lighting is automatically switched on.

After approx. 3 minutes after the last movement detected by the motion detector - the lighting switches off.

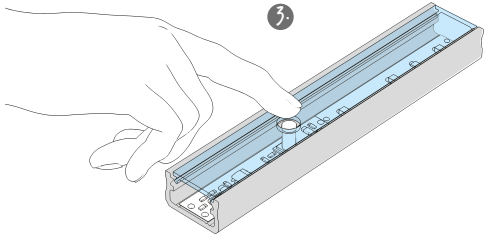
The maximum range of the detector is 3 meters.



3. Touch switch SWITCH 12/24 V 60 W

Touch switch with ON/OFF function and light intensity change.

The mounting hole adopted to the size of the switch must be made in the cover. Pressing the switch turning the lighting on/off. Holding down the switch for more than 2 sec. will result in blinking of the signaling diode and switching to the light intensity control mode.



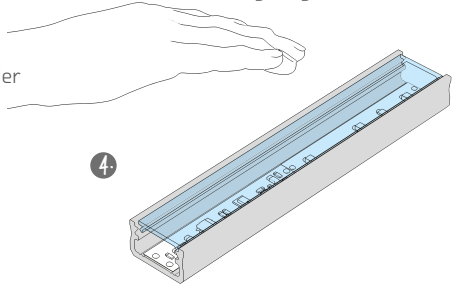
4. Contactless switch MOVE 12/24 V 60 W

Contactless switch for hand movement with ON/OFF function and light intensity change.

It is not necessary to cut out a hole for the motion detector.

Quick movement of hand over the switch causes the lighting to be switched on/off.

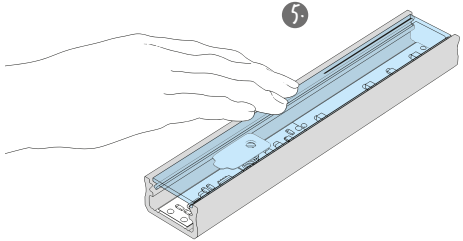
Holding your hand for more than 2 seconds under the switch will cause the diode to blink and switch to light intensity control mode.



5. Touch switch TOUCH LED PWM 12/24 V 60-72 W

Touch switch with LED with ON/OFF function and intensity control change.

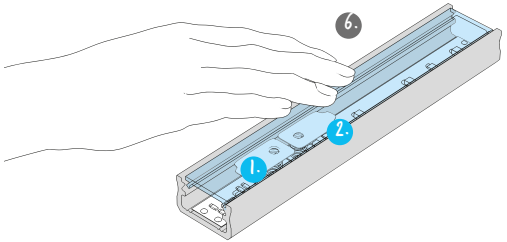
Pressing the cover in the place where the light is present causes the switch ON/OFF of the lighting. Holding down the switch for more than 2 sec. will result in blinking of the signaling diode and switching to the light intensity control mode. The reflector plate under the cover must be greater than the distance between the adhesive part of the LED strip and the cover.



6. Touch switch DUAL TOUCH PWM 12/24 V 60 W

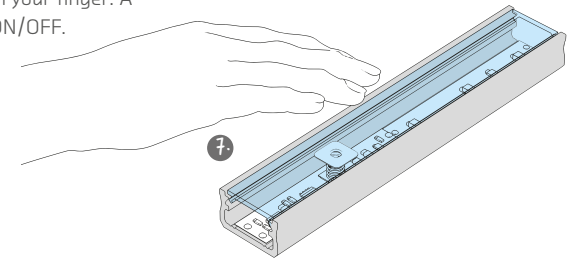
Touch switch with two reflector plates and ON/OFF function and light intensity change.

The switch is designed for switching on and off and dimming the two-colour LED strips (warm/cold) placed in the aluminium profile. The switch is used for the installation of the lighting with 12 V and 24 V voltage. With a short press of button 2, the lighting is switched on and the cold white, warm or neutral color is selected in steps. In addition, when the button is held for a longer time the smooth transition from warm through neutral to cold colour occurs. Button 1 switches on and longer hold makes the LED lighting smoothly dimmed.



7. Touch switch SIMPLE TOUCH 12/24 V 60 W

Touch switch with reflector plate with ON/OFF function. The functions of the switch are carried out by pressing a section of a cover over the switch with your finger. A short press results in turning the light ON/OFF.



LUMINES® LIGHTING

NAME	TYPE
ADDITIONAL INFORMATION	ACCESSORIES
APPLICATION	
ELEMENTS NECESSARY FOR THE ASSEMBLY OF PROFILES	

• occurs / – does not occur

PROFILE	Colours				
	White	Black	Inox	Silver	Raw
A	•	•	•	•	•
B	•	•	•	•	•
C	•	•	•	•	•
D	•	•	•	•	•
E	•	–	–	•	•
F	•	–	–	•	•
G	•	•	•	•	•
J	•	•	•	•	•
H	•	•	•	•	•
I6	•	–	–	•	–
I10	•	–	–	•	–
Q18	•	•	•	•	•
Q20	•	•	•	•	•
U	•	•	–	•	•
W	•	•	•	•	•
X	•	•	•	•	•
Y	•	•	•	•	•
Z	•	•	•	•	•
DUAL	•	•	•	•	•
GEMI	•	•	–	•	•
MICO	•	•	•	•	•
COSMO	•	•	•	•	•
RETO	•	•	•	•	–
TERRA	•	•	–	•	–
RUNO	•	•	–	•	•
SCALA	–	•	–	•	–
SILEDA	•	•	–	•	–
inSILEDA	•	•	–	•	–
DILEDA	•	•	–	•	–
inDILEDA	•	•	–	•	–
UNICO	•	•	–	•	–
DOPIO	•	•	–	•	–
SOLIS	•	•	•	•	•
ILEDO	•	•	–	•	–
INSO	•	•	–	•	–

PROFILE	Colours				
	White	Black	Inox	Silver	Raw
CLARO	•	•	–	•	–
DULIO	•	•	–	•	–
TALIA	•	•	–	•	–
TALIA M1	•	•	–	•	–
TALIA M2	•	•	–	•	–
TALIA M3	•	•	–	•	–
TALIA M4	•	•	–	•	–
inTALIA	•	•	–	•	–
FALCO	•	•	–	•	•
PLATO	•	•	–	•	•
GAUDI	•	•	–	•	•
HIRO	•	•	–	•	•
LARGO	•	•	–	•	–
LARGO M1	•	•	–	•	–
LARGO M2	•	•	–	•	–
LARGO M3	•	•	–	•	–
LARGO M4	•	•	–	•	–
inLARGO	•	•	–	•	–
MONO	•	•	–	•	–
ZATI	•	•	–	•	–
SUBLI	•	•	–	•	–
SORGA	•	•	–	•	–
TIANO	•	•	–	•	–
FLARO	•	•	–	•	–
APA12	•	•	–	•	–
APA16	•	•	–	•	–
IPA12	•	•	–	•	–
IPA16	•	•	–	•	–
LOGI	•	–	–	•	–
CONVA	•	–	–	•	–
TOPO	•	•	–	•	–
PERO	•	•	–	•	–
VEDA	•	•	–	•	–

B - BASIC / **H** - HIGH / **W** - WIDE / **D** - DOUBLE / **S** - SLIM / **T** - TERRA / **R** - RASTER WIDE / **–** does not occur

Profile	Covers																												
	Transparent			Frozen			Milky			Frosted			Milky frosted			Black			Lens 15			Lens 30			Prismatic			SUPER-WIDE PLEXI	TIANO PLEXI	RA-STER WIDE
	PVC	PMMA	PC	PVC	PMMA	PC	PVC	PMMA	PC	PVC	PMMA	PC	PVC	PMMA	PC	PVC	PMMA	PC	PVC	PMMA	PC	PVC	PMMA	PC	PVC	PMMA	PC			
A	B/H	B/H	B	B/H	B/H	B	B/H	B/H	B	–	B/H	–	–	B/H	–	–	B/H	–	–	B	–	–	B	–	–	–	–	–	–	–
B	B	B	B	B	B	B	B	B	B	–	B	–	–	B	–	–	B	–	–	B	–	–	B	–	–	–	–	–	–	–
C	B	B	B	B	B	B	B	B	B	–	B	–	–	B	–	–	B	–	–	B	–	–	B	–	–	–	–	–	–	–
D	B/H	B/H	B	B/H	B/H	B	B/H	B/H	B	–	B/H	–	–	B/H	–	–	B/H	–	–	B	–	–	B	–	–	–	–	–	–	–
E	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
F	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
G	B	B	B	B	B	B	B	B	B	–	B	–	–	B	–	–	B	–	–	B	–	–	B	–	–	–	–	–	–	–
J	B	B	B	B	B	B	B	B	B	–	B	–	–	B	–	–	B	–	–	B	–	–	B	–	–	–	–	–	–	–
H	B	B	B	B	B	B	B	B	B	–	B	–	–	B	–	–	B	–	–	B	–	–	B	–	–	–	–	–	–	–
I6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
I10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Q18	B	B	–	B	B	–	B	B	–	–	B	–	–	B	–	–	B	–	–	B	–	–	–	–	–	–	–	–	–	–
Q20	B	B	–	B	B	–	B	B	–	–	B	–	–	B	–	–	B	–	–	B	–	–	–	–	–	–	–	–	–	–
U	B	B	–	B	B	–	B	B	–	–	B	–	–	B	–	–	B	–	–	B	–	–	–	–	–	–	–	–	–	–
W	B	B	–	B	B	–	B	B	–	–	B	–	–	B	–	–	B	–	–	B	–	–	–	–	–	–	–	–	–	–
X	S	S	–	S	S	–	S	S	–	–	S	–	–	S	–	–	S	–	–	S	–	–	–	–	–	–	–	–	–	–
Y	B	B	B	B	B	B	B	B	B	–	B	–	–	B	–	–	B	–	–	B	–	–	B	–	–	–	–	–	–	–
Z	B	B	B	B	B	B	B	B	B	–	B	–	–	B	–	–	B	–	–	B	–	–	B	–	–	–	–	–	–	–
DUAL	B	B	B	B	B	B	B	B	B	–	B	–	–	B	–	–	B	–	–	B	–	–	B	–	–	–	–	–	–	–
GEMI	B	B	B	B	B	B	B	B	B	–	B	–	–	B	–	–	B	–	–	B	–	–	B	–	–	–	–	–	–	–
MICO	S	S	–	S	S	–	S	S	–	–	S	–	–	S	–	–	S	–	–	S	–	–	–	–	–	–	–	–	–	–
COSMO	B	B	B	B	B	B	B	B	B	–	B	–	–	B	–	–	B	–	–	B	–	–	B	–	–	–	–	–	–	–
RETO	B	B	B	B	B	B	B	B	B	–	B	–	–	B	–	–	B	–	–	B	–	–	B	–	–	–	–	–	–	–
TERRA	–	–	–	–	–	–	T	–	T	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
RUNO	–	–	–	–	–	–	T	–	T	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SCALA	–	–	–	–	–	–	T	–	T	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SILEDA	–	D	–	–	D	–	–	D	–	–	D	–	–	D	–	–	D	–	–	–	–	–	–	–	–	–	–	–	–	–
inSILEDA	–	D	–	–	D	–	–	D	–	–	D	–	–	D	–	–	D	–	–	–	–	–	–	–	–	–	–	–	–	–
DILEDA	–	D	–	–	D	–	–	D	–	–	D	–	–	D	–	–	D	–	–	–	–	–	–	–	–	–	–	–	–	–
inDILEDA	–	D	–	–	D	–	–	D	–	–	D	–	–	D	–	–	D	–	–	–	–	–	–	–	–	–	–	–	–	–
UNICO	–	D	–	–	D	–	–	D	–	–	D	–	–	D	–	–	D	–	–	–	–	–	–	–	–	–	–	–	–	–
DOPIO	–	D	–	–	D	–	–	D	–	–	D	–	–	D	–	–	D	–	–	–	–	–	–	–	–	–	–	–	–	–
SOLIS	W	W	W	W	W	W	W	W	W	–	W	–	–	W	–	–	–	–	–	–	–	–	–	–	–	–	–	W	–	–
ILEDO	W	W	W	W	W	W	W	W	W	–	W	–	–	W	–	–	–	–	–	–	–	–	–	–	–	–	–	W	–	R
INSO	W	W	W	W	W	W	W	W	W	–	W	–	–	W	–	–	–	–	–	–	–	–	–	–	–	–	–	W	–	R
CLARO	W	W	W	W	W	W	W	W	W	–	W	–	–	W	–	–	–	–	–	–	–	–	–	–	–	–	–	W	–	R
DULIO	W	W/D	W	W	W/D	W	W	W/D	W	–	W/D	–	–	W/D	–	–	D	–	–	–	–	–	–	–	–	–	–	–	–	R

D - DOUBLE / **SW** - SUPER WIDE / **SWP** - SUPER WIDE PLEXI / **TP** - TIANO PLEXI / **–** does not occur

Profile	Covers																												
	Transparent			Frozen			Milky			Frosted			Milky frosted			Black			Lens 15			Lens 30			Prismatic			SUPER-WIDE PLEXI	TIANO PLEXI	RA-STER WIDE
	PVC	PMMA	PC	PVC	PMMA	PC	PVC	PMMA	PC	PVC	PMMA	PC	PVC	PMMA	PC	PVC	PMMA	PC	PVC	PMMA	PC	PVC	PMMA	PC	PVC	PMMA	PC			
TALIA	–	D	–	–	D	–	–	D	–	–	D	–	–	D	–	–	D	–	–	–	–	–	–	–	–	–	–	–	–	–
TALIA M1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TALIA + TALIA M1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TALIA M2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TALIA + TALIA M2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TALIA M3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TALIA M4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
FALCO	–	B	B	–	B	B	–	B	B	–	–	–	–	B	–	–	B	–	–	B	–	–	B	–	–	–	–	–	–	–
PLATO	–	D	–	–	D	–	–	D	–	–	D	–	–	D	–	–	D	–	–	–	–	–	–	–	–	–	–	–	–	–
GAUDI	–	B	B	–	B	B	–	B	B	–	–	–	–	B	–	–	B	–	–	B	–	–	B	–	–	–	–	–	–	–
HIRO	–	D	–	–	D	–	–	D	–	–	D	–	–	D	–	–	D	–	–	–	–	–	–	–	–	–	–	–	–	–
inTALIA	–	D	–	–	D	–	–	D	–	–	D	–	–	D	–	–	D	–	–	–	–	–	–	–	–	–	–	–	–	–
LARGO	–	SW	–	–	SW	–	–	SW	–	–	SW	–	–	SW	–	–	–	–	–	–	–	–	–	–	–	–	–	SWP	–	–
LARGO M1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
LARGO + LARGO M1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
LARGO M2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
LARGO + LARGO M2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
LARGO M3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
LARGO M4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
inLARGO	–	SW	–	–	SW	–	–	SW	–	–	SW	–	–	SW	–	–	–	–	–	–	–	–	–	–	–	–	–	SWP	–	–
MONO	–	B	–	–	B	–	–	B	–	–	B	–	–	B	–	–	B	–	–	–	–	–	–	–	–	–	–	–	–	–
ZATI	–	D	–	–	D	–	–	D	–	–	D	–	–	D	–	–	D	–	–	–	–	–	–	–	–	–	–	–	–	–
SUBLI	–	D	–	–	D	–	–	D	–	–	D	–	–	D	–	–	D	–	–	–	–	–	–	–	–	–	–	–	–	–
SORGA	–	SW	–	–	SW	–	–	SW	–	–	SW	–	–	SW	–	–	–	–	–	–	–	–	–	–	–	–	–	SWP	–	–
TIANO	B	B	B	B	B	B	B	B	B	–	B	–	–	B	–	–	B	–	–	–	–	–	–	–	–	–	–	–	TP	–
FLARO	B	B	B	B	B	B	B	B	B	–	B	–	–	B	–	–	B	–	–	–	–	–	–	–	–	–	–	–	–	–
APA12	B	B	B	B	B	B	B	B	B	–	B	–	–	B	–	–	B	–	–	B	–	–	B	–	–	–	–	–	–	–
APA16	B	B	B	B	B	B	B	B	B	–	B	–	–	B	–	–	B	–	–	B	–	–	B	–	–	–	–	–	–	–
IPA12	B	B	B	B	B	B	B	B	B	–	B	–	–	B	–	–	B	–	–	B	–	–	B	–	–	–	–	–	–	–
IPA16	B	B	B	B	B	B	B	B	B	–	B	–	–	B	–	–	B	–	–	B	–	–	B	–	–	–	–	–	–	–
LOGI	–	D	–	–	D	–	–	D	–	–	D	–	–	D	–	–	D	–	–	–	–	–	–	–	–	–	–	–	–	–
CONVA	–	D	–	–	D	–	–	D	–	–	D	–	–	D	–	–	D	–	–	–	–	–	–	–	–	–	–	–	–	–
TOPO	–	D	–	–	D	–	–	D	–	–	D	–	–	D	–	–	D	–	–	–	–	–	–	–	–	–	–	–	–	–
PERO	–	D	–	–	D	–	–	D	–	–	D	–	–	D	–	–	D	–	–	–	–	–	–	–	–	–	–	–	–	–
VEDA	–	D	–	–	D	–	–	D	–	–	D	–	–	D	–	–	D	–	–	–	–	–	–	–	–	–	–	–	–	–

LIGHT TRANSMITTANCE												
Type of cover	Working temperature	BASIC	HIGH	WIDE	SLIM	DOUBLE	TERRA	SLIM LENS 15	BASIC LENS 15	BASIC LENS 30	SUPER-WIDE	PLEXI TIANO PLEXI SUPERWIDE
FURNITURE PROFILE		A · B · C · G · H · U W · Y · Z	A · D		X MICO	GEMI		X MICO	A · B · C · D · G · H · U · W · Y · Z			
ARCHITECTURAL ROFILE		COSMO FALCO FLARO GAUDI MONO RETO TIANO		SOLIS INSO ILEDO CLARO DULIO		HIRO · PLATO SILEDA · inSILEDA DILEDA · inDILEDA UNICO · DOPIO TALIA · inTALIA ZATI · SUBLI · LOGI · CONVA TOPO · PERO · VEDA	TERRA RUNO SCALA		COSMO · FALCO · GAUDI · RETO · MONO		LARGO inLARGO SORGA	TIANO LARGO inLARGO SORGA
Transparent PVC	-20°C | + 65°C	88%	82%	85%	84%							
Frozen PVC		66%	65%	55%	63%							
Milky PVC		44%	42%	28%	38%		18%					40%
Transparent PMMA	-20°C | + 70°C	95%	95%	94%	95%	93%		96%	soon	92%	93%	
Frozen PMMA		78%	78%	73%	79%	79%					72%	
Milky PMMA		51%	52%	42%	39%	50%					66%	
PMMA Frosted		90%	87%	81%	86%	85%					83%	
PMMA Milky Frosted		83%	83%	74%	83%	82%					76%	
Black PMMA		24%	20%		23%	23%						
Transparent PC	-50°C | +100°C	92%		91%								
Frozen PC		67%		63%								
Milky PC		36%					56%					
Prismatic PC				87%								

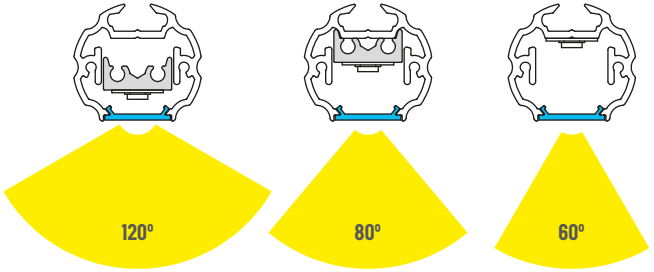
*All tests were carried out in the Lumines photometry laboratory. Result tolerance +/- 5%

Table of maximum wattage of light sources approved for use in LUMINES profiles under the following edge conditions: temperatures of 55 °C/ 131 °F and 65 °C/149 °F on the profile surface

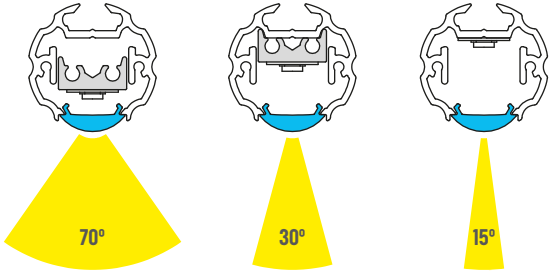
Surface temperature	55° C/ 131° F	65° C/ 149° F
Profile	Max. dispersed power [W]	
A	17	22,2
APA12 / APA16	32,2	43,4
B	17,2	22,5
C	23	31
CLARO	55,3	69,9
CONVA	50,4	64,4
COSMO	21	28
D	12	16
DILEDA	29,4	39,2
DOPIO	44,8	67,2
DUAL	20,1	28,7
DULIO	53,3 / 69,9	29,2 / 38,6
FALCO	23,8	32
FLARO	42	52,5
G	24,4	32,5
GAUDI	22,8	30,1
GEMI	22,9	30,7
H	23	31
HIRO	32,2	43,7
I10	21	26,6
I6	21	26,6
ILEDO	55,5	70,5
inDileda	30,8	40,6
inLargo	100,8	130,2
inSileda	28	37,8
inTalia	44,8	60,2
INSO	61,5	84
IPA12 / IPA16	31,5	42
J	24,2	32,1
LARGO	96,6	126
LOGI	49	63
MICO	15,4	19,6
MONO	25	34
PERO	81,2	102,2
PLATO	33,2	45
Q18 / Q20	23,1	31,5
RETO	23,8	33,6
RUNO	19,1	25,8
SCALA	51,8	63
SILEDA	26,6	36,4
SOLIS	24,6	33,9
SORGA	67,2	105
SUBLI	35	46,2
TALIA	46,2	63
TERRA	17,3	23,5
TIANO	42	52,5
TOPO	81,2	102,2
U	24,5	32,8
UNICO	42	56
VEDA	145,6	173,6
W	23,8	32
X	14	18
Y	24	31,5
Z	15,8	21
ZATI	35	47,6

AMBIENT TEMPERATURE 25° C / 77° F

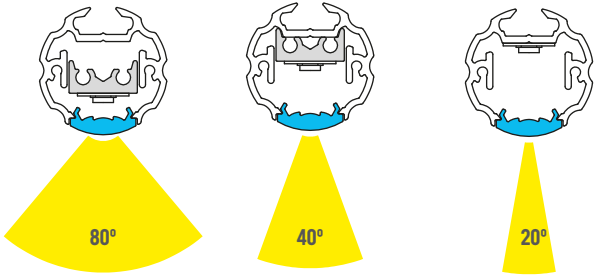
Light distribution angle in COSMO profile with COSMO M1 profile for BASIC cover



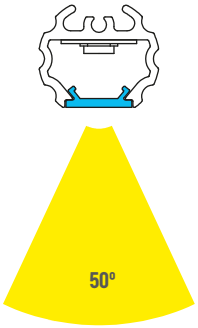
Light distribution angle in COSMO profile with COSMO M1 profile for BASIC LENS 15 cover



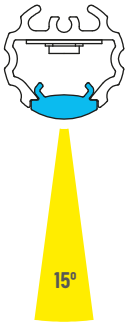
Light distribution angle in COSMO profile with COSMO M1 profile for BASIC LENS 30 cover



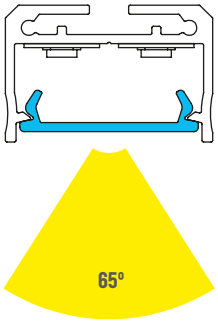
Light distribution angle in MICO profile for SLIM cover



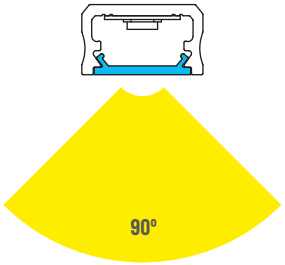
Light distribution angle in MICO profile for SLIM LENS 15 cover



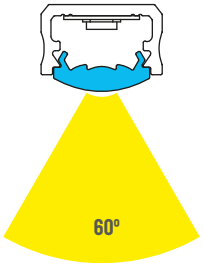
Light distribution angle in SILEDA profile with WIDE cover



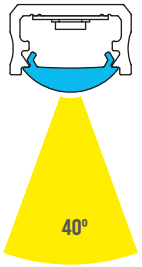
Light distribution angle
in profile A
for BASIC cover



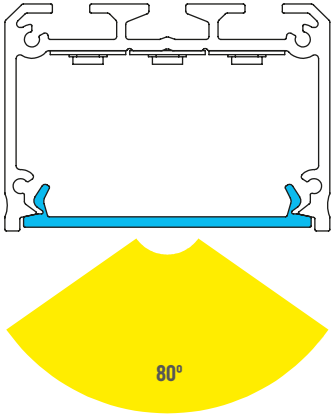
Light distribution angle
in profile A
for BASIC LENS 30 cover



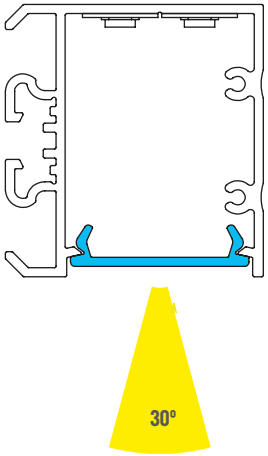
Light distribution angle
in profile A
for BASIC LENS 15 cover



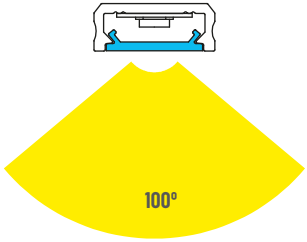
Light distribution angle
in profile ILEDO
with WIDE cover



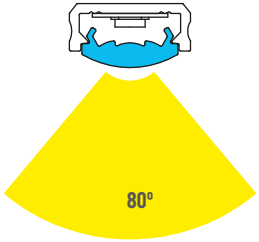
Light distribution angle
in profile UNICO
with DOUBLE cover



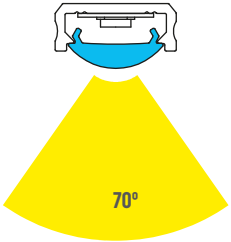
Light distribution angle
in profile D
for BASIC cover



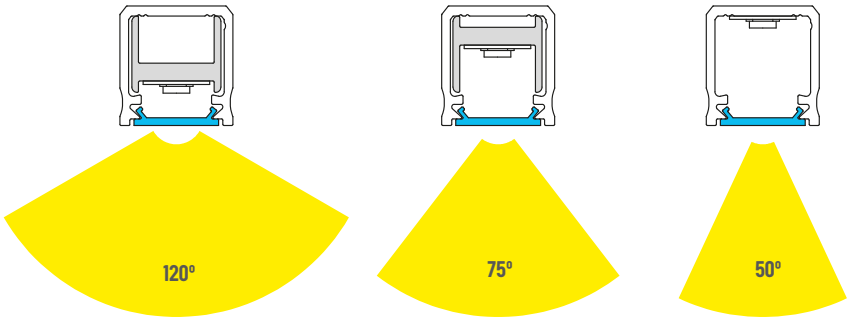
Light distribution angle
in profile D
for BASIC LENS 30 cover



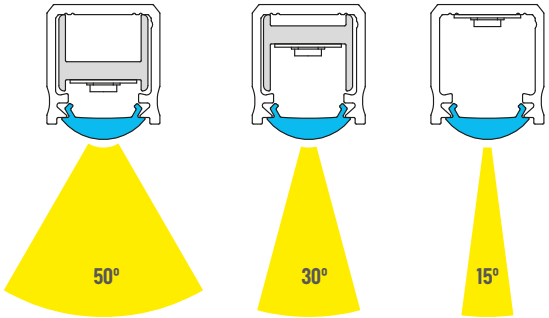
Light distribution angle
in profile D
for BASIC LENS 15 cover



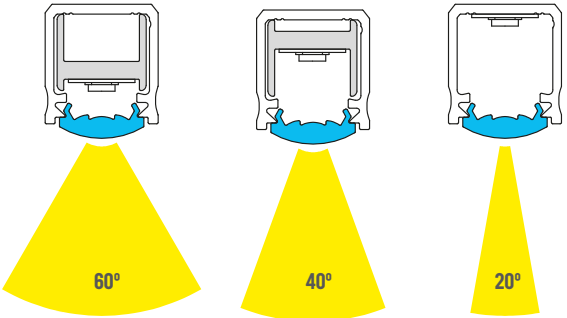
Light distribution angle in Y profile with Y M1 profile for BASIC cover



Light distribution angle in Y profile with Y M1 profile for BASIC LENS 15 cover



Light distribution angle in Y profile with Y M1 profile for BASIC LENS 30 cover



B - BASIC / H - HIGH / **D** - DOUBLE / **S** - SLIM / **T** - TERRA / **1*** - with flat finish / **2*** - with round finish / **3*** - with routed opening / **4*** - without support / **5*** - with support / **6*** - with support 15 / **7*** - with support 30 / **8*** - for embedded installation / **9*** - ring / **–** does not occur

Profile	Caps																	
	plastic material										aluminium							
	with opening					without opening					with opening				without opening			
	White	Black	Inox	Gray	Silver lacquered	White	Black	Inox	Gray	Silver lacquered	White	Black	Inox	Srebrny	White	Black	Inox	Srebrny
A	B/H	B/H	B/H	B/H	B/H	B/H	B/H	B/H	B/H	B/H	–	B/H	B/H	B/H	–	B/H	B/H	B/H
B	B/1*/2*	B/1*/2*	B/1*/2*	B/1*/2*	B/1*/2*	–	–	–	–	–	–	B/2*	B/2*	B/2*	–	–	–	–
C	B	B	B	B	B	B	B	B	B	B	–	B	B	B	–	B	B	B
D	B/H	B/H	B/H	B/H	B/H	B/H	B/H	B/H	B/H	B/H	–	B/H	B/H	B/H	–	B/H	B/H	B/H
E	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
F	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
G	B	B	B	B	B	–	–	–	–	–	–	B	B	B	–	–	–	–
J	B	B	B	B	B	–	–	–	–	–	–	–	–	–	–	–	–	–
H	–	–	–	–	–	B/3*	B/3*	B/3*	B/3*	B/3*	–	B	–	B	–	B	–	B
I6	–	–	–	–	–	–	–	–	–	–	•/4*/5*	–	–	•/4*/5*	•/4*/5*	–	–	•/4*/5*
I10	–	–	–	–	–	–	–	–	–	–	•/4*/5*	–	–	•/4*/5*	•/4*/5*	–	–	•/4*/5*
Q18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Q20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U	B	B	B	B	B	–	–	–	–	–	–	B	–	B	–	–	–	–
W	B	B	B	B	B	–	–	–	–	–	–	B	–	B	–	–	–	–
X	S	S	S	S	S	S	S	S	S	S	–	S	S	S	–	S	S	S
Y	B	B	B	B	B	B	B	B	B	B	–	B	B	B	–	B	B	B
Z	B/1*/2*	B/1*/2*	B/1*/2*	B/1*/2*	B/1*/2*	–	–	–	–	–	–	B/2*	B/2*	B/2*	–	–	–	–
DUAL	B/3*	B/3*	B/3*	B/3*	B/3*	–	–	–	–	–	–	–	–	–	–	–	–	–
GEMI	B	B	–	B	B	–	–	–	–	–	–	–	–	–	–	–	–	–
MICO	S	S	S	S	S	S	S	S	S	S	–	S	–	S	–	S	–	S
COSMO	–	–	–	–	–	B/3*	B/3*	B/3*	B/3*	B/3*	–	B/9*	–	B/9*	–	B	–	B
RETO	–	–	–	–	–	B/3*	B/3*	B/3*	B/3*	B/3*	–	B	–	B/6*/7*	–	B	–	B/6*/7*
TERRA	T	–	–	T	T	T	–	–	T	T	–	–	–	T	–	–	–	T
RUNO	T	–	–	T	T	T	–	–	T	T	–	–	–	T	–	–	–	T
SCALA	–	–	–	–	–	–	–	–	–	–	–	T	–	T	–	T	–	T
SILEDA	–	–	–	–	–	D/3*	–	–	D/3*	D/3*	D	–	–	D	D	–	–	D
inSILEDA	D	–	–	D	D	–	–	–	–	–	D	–	–	D	–	–	–	–
DILEDA	–	–	–	–	–	D/3*	–	–	D/3*	D/3*	D	–	–	D	D	–	–	D
inDILEDA	D	–	–	D	D	–	–	–	–	–	D	–	–	D	–	–	–	–
UNICO	–	–	–	–	–	–	–	–	–	–	D	–	–	D	D	–	–	D
UNICO + TALIA M2	–	–	–	–	–	–	–	–	–	–	D	–	–	D	D	–	–	D

B - BASIC / **H** - HIGH / **D** - DOUBLE / **SW** - SUPER WIDE / **W** - WIDE / **1*** - with flat finish / **8*** - for embedded installation / **–** does not occur

Profile	Caps																	
	plastic material										aluminium							
	with opening					without opening					with opening				without opening			
	White	Black	Inox	Gray	Silver lacquered	White	Black	Inox	Gray	Silver lacquered	White	Black	Inox	Srebrny	White	Black	Inox	Srebrny
DOPIO	–	–	–	–	–	–	–	–	–	–	D	–	–	D	D	–	–	D
DOPIO + TALIA M2	–	–	–	–	–	–	–	–	–	–	D	–	–	D	D	–	–	D
SOLIS	W	W	W	W	W	W	W	W	W	W	–	W	–	W	–	W	–	W
ILEDO	W	–	–	W	W	W	–	–	W	W	W	–	–	W	W	–	–	W
INSO	–	–	–	–	–	W	–	–	W	W	–	–	–	–	W	–	–	W
CLARO	–	–	–	–	–	–	–	–	–	–	W	–	–	W	W	–	–	W
DULIO	–	–	–	–	–	–	–	–	–	–	W	–	–	W	W	–	–	W
TALIA	–	–	–	–	–	–	–	–	–	–	D	–	–	D	D	–	–	D
TALIA M1	–	–	–	–	–	–	–	–	–	–	D	–	–	D	D	–	–	D
TALIA M1 + TALIA	–	–	–	–	–	–	–	–	–	–	D	–	–	D	D	–	–	D
TALIA M2	–	–	–	–	–	–	–	–	–	–	D	–	–	D	D	–	–	D
TALIA M2 + TALIA	–	–	–	–	–	–	–	–	–	–	D	–	–	D	D	–	–	D
TALIA M3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	D/1*	–	–	D/*
TALIA M4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	D/1*	–	–	D/*
inTALIA	–	–	–	–	–	–	–	–	–	–	D	–	–	D	–	–	–	–
FALCO	B/3*	B/3*	–	B/3*	B/3*	–	–	–	–	–	–	–	–	–	–	–	–	–
PLATO	B/3*	B/3*	–	B/3*	B/3*	–	–	–	–	–	–	–	–	–	–	–	–	–
GAUDI	B	B	–	B	B	–	–	–	–	–	–	–	–	–	–	–	–	–
HIRO	B	B	–	B	B	–	–	–	–	–	–	–	–	–	–	–	–	–
LARGO	–	–	–	–	–	–	–	–	–	–	SW	–	–	SW	SW	–	–	SW
LARGO M1	–	–	–	–	–	–	–	–	–	–	SW	–	–	SW	SW	–	–	SW
LARGO M1 + LARGO	–	–	–	–	–	–	–	–	–	–	SW	–	–	SW	SW	–	–	SW
LARGO M2	–	–	–	–	–	–	–	–	–	–	SW	–	–	SW	SW	–	–	SW
LARGO M2 + LARGO	–	–	–	–	–	–	–	–	–	–	SW	–	–	SW	SW	–	–	SW
LARGO M3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	SW/1*	–	–	SW/*
LARGO M4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	SW/1*	–	–	SW/*
inLARGO	–	–	–	–	–	–	–	–	–	–	SW	–	–	SW	–	–	–	–
MONO	–	–	–	–	–	–	–	–	–	–	D	–	–	D	–	–	–	–
ZATI	–	–	–	–	–	–	–	–	–	–	D	–	–	D	–	–	–	–
SUBLI	–	–	–	–	–	–	–	–	–	–	D	–	–	D	–	–	–	–

D - DOUBLE / **–** does not occur

Profile	Caps																	
	plastic material										aluminium							
	with opening					without opening					with opening				without opening			
	White	Black	Inox	Gray	Silver lacquered	White	Black	Inox	Gray	Silver lacquered	White	Black	Inox	Srebrny	White	Black	Inox	Srebrny
SORGA	–	–	–	–	–	–	–	–	–	–	SW	–	–	SW	–	–	–	–
TIANO	–	–	–	–	–	–	–	–	–	–	B/8*	–	–	B/8*	B	–	–	B
FLARO	–	–	–	–	–	–	–	–	–	–	B/8*	–	–	B/8*	B	–	–	B
APA12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
APA16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
IPA12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
IPA16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
LOGI	–	–	–	–	–	–	–	–	–	–	D	–	–	D	D	–	–	D
CONVA	–	–	–	–	–	–	–	–	–	–	D	–	–	D	D	–	–	D
TOPO	–	–	–	–	–	–	–	–	–	–	D	–	–	D	–	–	–	–
PERO	–	–	–	–	–	–	–	–	–	–	D	–	–	D	–	–	–	–
VEDA	–	–	–	–	–	–	–	–	–	–	D	–	–	D	–	–	–	–

• occurs / – does not occur

Profile	Accessories																						
	hinge	contactless switch	slings	support	female joint	male joint	knurled screw	rosettes	straight connector	angular connector 90 degrees	angular connector 120 degrees	transverse connector angular	anti-slip rope	assembly spring	stuffing box	TALIA connector left	TALIA connector right	TALIA M1 connector	inter-profile connector TALIA	LARGO connector left	LARGO connector right	LARGO M1 connector	inter-profile connector LARGO
A	•	•	•	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
B	–	•	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
C	•	•	•	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
D	•	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
E	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
F	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
G	–	•	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
J	–	•	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
H	•	•	•	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
I6	–	–	•	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
I10	–	–	•	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Q18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Q20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U	–	•	–	–	–	–	–	–	•	•	•	•	–	•	–	–	–	–	–	–	–	–	–
W	–	•	–	–	–	–	–	–	•	•	•	•	–	•	–	–	–	–	–	–	–	–	–
X	•	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Y	•	•	•	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Z	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
DUAL	–	•	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
GEMI	–	•	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MICO	•	–	–	•	•	•	•	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
COSMO	•	–	–	•	•	•	•	•	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
RETO	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TERRA	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
RUNO	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SCALA	–	–	–	–	–	–	–	–	–	–	–	–	•	–	–	–	–	–	–	–	–	–	–
SILEDA	•	•	•	•	•	•	•	–	•	•	•	•	–	–	–	–	–	–	–	–	–	–	–
inSILEDA	–	•	–	–	–	–	–	–	•	•	•	•	–	•	–	–	–	–	–	–	–	–	–
DILEDA	•	•	•	•	•	•	•	–	•	•	•	•	–	–	–	–	–	–	–	–	–	–	–
inDILEDA	–	•	–	–	–	–	–	–	•	•	•	•	–	•	–	–	–	–	–	–	–	–	–

• occurs / – does not occur

Profile	Accessories																						
	hinge	contactless switch	slings	support	female joint	male joint	knurled screw	rosettes	straight connector	angular connector 90	angular connector 120 degrees	transverse connector angular	anti-slip rope	assembly spring	stuffing box	TALIA connector left	TALIA connector right	TALIA M1 connector	inter-profile connector TALIA	LARGO connector left	LARGO connector right	LARGO M1 connector	inter-profile connector LARGO
UNICO	–	–	•	–	–	–	–	–	•	•	•	•	–	–	•	–	–	–	–	–	–	–	–
DOPIO	–	–	•	–	–	–	–	–	•	•	•	•	–	–	•	–	–	–	–	–	–	–	–
SOLIS	–	–	•	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
ILEDO	–	–	•	–	–	–	–	–	•	•	•	•	–	•	–	–	–	–	–	–	–	–	–
INSO	–	–	–	–	–	–	–	–	•	•	•	•	–	•	–	–	–	–	–	–	–	–	–
CLARO	–	–	•	–	–	–	–	–	•	•	•	•	–	–	–	–	–	–	–	–	–	–	–
DULIO	–	–	•	–	–	–	–	–	•	•	•	•	–	–	–	–	–	–	–	–	–	–	–
TALIA	–	–	•	–	–	–	–	–	•	•	•	•	–	–	•	–	–	–	–	–	–	–	–
TALIA M1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	•	•	•	•	–	–	–	–
TALIA M1 + TALIA	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TALIA M2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TALIA M2 + TALIA	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TALIA M3	–	–	–	–	–	–	–	–	•	•	•	•	–	•	–	–	–	–	•	–	–	–	–
TALIA M4	–	–	–	–	–	–	–	–	•	•	•	•	–	–	–	–	–	–	•	–	–	–	–
inTALIA	–	–	–	–	–	–	–	–	•	•	•	•	–	•	•	–	–	–	•	–	–	–	–
FALCO	–	–	–	–	–	–	–	–	•	•	•	•	–	–	–	–	–	–	–	–	–	–	–
PLATO	–	–	–	–	–	–	–	–	•	•	•	•	–	–	–	–	–	–	–	–	–	–	–
GAUDI	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
HIRO	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
LARGO	–	–	•	–	–	–	–	–	•	•	•	•	–	•	•	–	–	–	–	•	•	•	•
LARGO M1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
LARGO M1 + LARGO	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
LARGO M2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
LARGO M2 + LARGO	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
LARGO M3	–	–	–	–	–	–	–	–	•	•	•	•	–	•	–	–	–	–	–	–	–	–	•
LARGO M4	–	–	–	–	–	–	–	–	•	•	•	•	–	–	–	–	–	–	–	–	–	–	•

• occurs / – does not occur

Profile	Accessories																						
	hinge	contactless switch	slings	support	female joint	male joint	knurled screw	rosettes	straight connector	angular connector 90	angular connector 120 degrees	transverse connector angular	anti-slip rope	assembly spring	stuffing box	TALIA connector left	TALIA connector right	TALIA M1 connector	inter-profile connector TALIA	LARGO connector left	LARGO connector right	LARGO M1 connector	inter-profile connector LARGO
inLARGO	–	–	–	–	–	–	–	–	•	•	•	•	–	•	•	–	–	–	–	–	–	–	•
MONO	–	–	–	–	–	–	–	–	•	•	•	•	–	–	–	–	–	–	–	–	–	–	–
ZATI	–	–	–	–	–	–	–	–	•	•	•	•	–	–	–	–	–	–	–	–	–	–	–
SUBLI	–	–	–	–	–	–	–	–	•	•	•	•	–	•	–	–	–	–	–	–	–	–	–
SORGA	–	–	–	–	–	–	–	–	•	•	•	•	–	•	–	–	–	–	–	–	–	–	–
TIANO	–	–	–	–	–	–	–	–	•	•	•	•	–	•	–	–	–	–	–	–	–	–	–
FLARO	–	–	–	–	–	–	–	–	•	•	•	•	–	•	–	–	–	–	–	–	–	–	–
APA12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
APA16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
IPA12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
IPA16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
LOGI	–	–	–	–	–	–	–	–	•	•	•	•	–	–	–	–	–	–	–	–	–	–	–
CONVA	–	–	–	–	–	–	–	–	•	•	•	•	–	–	–	–	–	–	–	–	–	–	–
TOPO	–	–	–	–	–	–	–	–	•	•	•	•	–	•	–	–	–	–	–	–	–	–	–
PERO	–	–	–	–	–	–	–	–	•	•	•	•	–	•	–	–	–	–	–	–	–	–	–
VEDA	–	–	–	–	–	–	–	–	•	•	•	•	–	•	–	–	–	–	–	–	–	–	–

B - BASIC / **H** - HIGH / • occurs / **–** does not occur

Profile	Mounting brackets						Mounting profiles
	Metal	Plastic material					
		straight				angular	
		Transparent	White	Black		Transparent	
A	•	B/H	B/H	B/H		•	–
B	–	–	–	–		–	–
C	•	B	B	B		•	–
D	•	B/H	B/H	B/H		•	–
E	–	–	–	–		–	–
F	–	–	–	–		–	–
G	–	–	–	–		–	–
J	–	–	–	–		–	–
H	•	B	B	B		•	–
I6	–	–	–	–		–	FARI
I10	–	–	–	–		–	FARI
Q18	–	–	–	–		–	–
Q20	–	–	–	–		–	–
U	–	–	–	–		–	–
W	–	–	–	–		–	–
X	•	B	B	B		•	–
Y	•	B	B	B		•	Y M1
Z	–	–	–	–		–	–
DUAL	•	–	–	–		–	–
GEMI	–	–	–	–		–	–
MICO	•	–	–	–		–	METRO
COSMO	•	–	–	–		–	METRO, COSMO M1
RETO	–	–	–	–		–	–
TERRA	–	–	–	–		–	–
RUNO	–	–	–	–		–	–
SCALA	–	–	–	–		–	–
SILEDA	–	–	–	–		–	–
inSILEDA	–	–	–	–		–	–
DILEDA	–	–	–	–		–	–
inDILEDA	–	–	–	–		–	–
UNICO	–	–	–	–		–	TALIA M1
DOPIO	–	–	–	–		–	TALIA M1
SOLIS	•	–	–	–		–	–
ILEDO	•	–	–	–		–	MODI

B - BASIC / H - HIGH / • występuje / – does not occur

Profile	Mounting brackets					Mounting profiles
	Metal	Plastic material				
		straight			angular	
		Transparent	White	Black	Transparent	
INSO	–	–	–	–	–	MODI
CLARO	–	–	–	–	–	–
DULIO	–	–	–	–	–	–
TALIA	–	–	–	–	–	TALIA M1-M4
TALIA M1	–	–	–	–	–	–
TALIA M1 + TALIA	–	–	–	–	–	–
TALIA M2	–	–	–	–	–	–
TALIA M2 + TALIA	–	–	–	–	–	–
TALIA M3	–	–	–	–	–	–
TALIA M4	–	–	–	–	–	ROSET
inTALIA	–	–	–	–	–	TALIA M3
FALCO	–	–	–	–	–	–
PLATO	–	–	–	–	–	–
GAUDI	–	–	–	–	–	–
HIRO	–	–	–	–	–	–
LARGO	–	–	–	–	–	LARGO M1-M4
LARGO M1	–	–	–	–	–	–
LARGO M1 + LARGO	–	–	–	–	–	–
LARGO M2	–	–	–	–	–	–
LARGO M2 + LARGO	–	–	–	–	–	–
LARGO M3	–	–	–	–	–	–
LARGO M4	–	–	–	–	–	ROSET
inLARGO	–	–	–	–	–	LARGO M3-M4
MONO	–	–	–	–	–	–
ZATI	–	–	–	–	–	–
SUBLI	–	–	–	–	–	–
SORGA	–	–	–	–	–	–

B - BASIC / **H** - HIGH / • występuje / **–** does not occur

Profile	Mounting brackets					Mounting profiles
	Metal	Plastic material				
		straight			angular	
		Transparent	White	Black	Transparent	
TIANO	–	–	–	–	–	–
FLARO	–	–	–	–	–	–
APA12	–	–	–	–	–	–
APA16	–	–	–	–	–	–
IPA12	–	–	–	–	–	–
IPA16	–	–	–	–	–	–
LOGI	–	–	–	–	–	SPARO
CONVA	–	–	–	–	–	SPARO
TOPO	–	–	–	–	–	–
PERO	–	–	–	–	–	–
VEDA	–	–	–	–	–	–

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