

LMS MANUAL

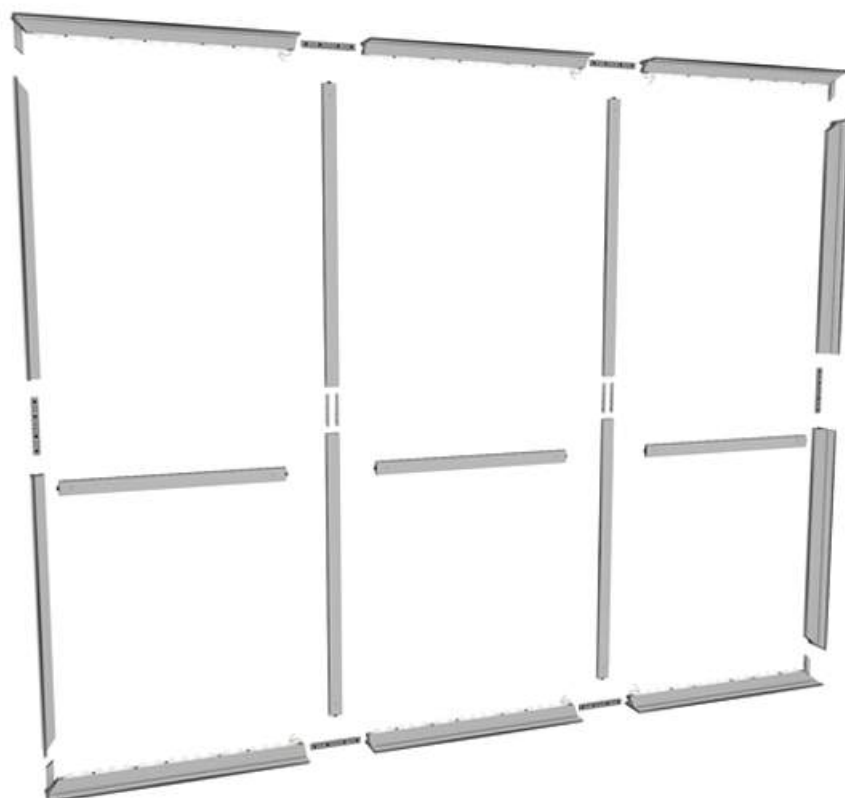
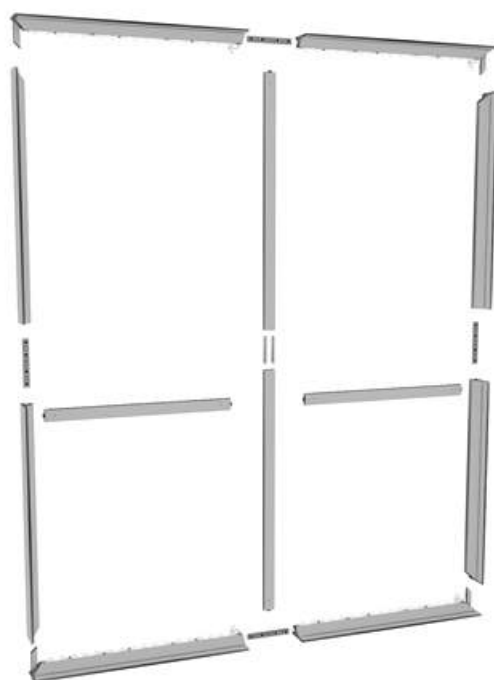
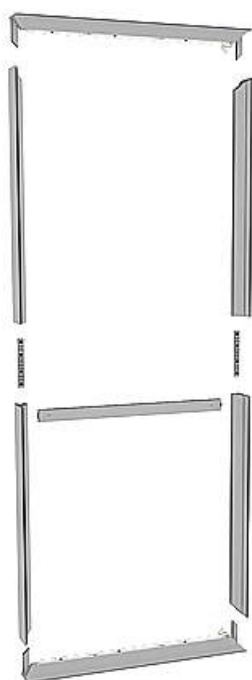


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ADMISSION

Lightbox is produced on an individual order. Due to the non-standard frames and non-standard product sizes, the most common sizes are described in this manual.

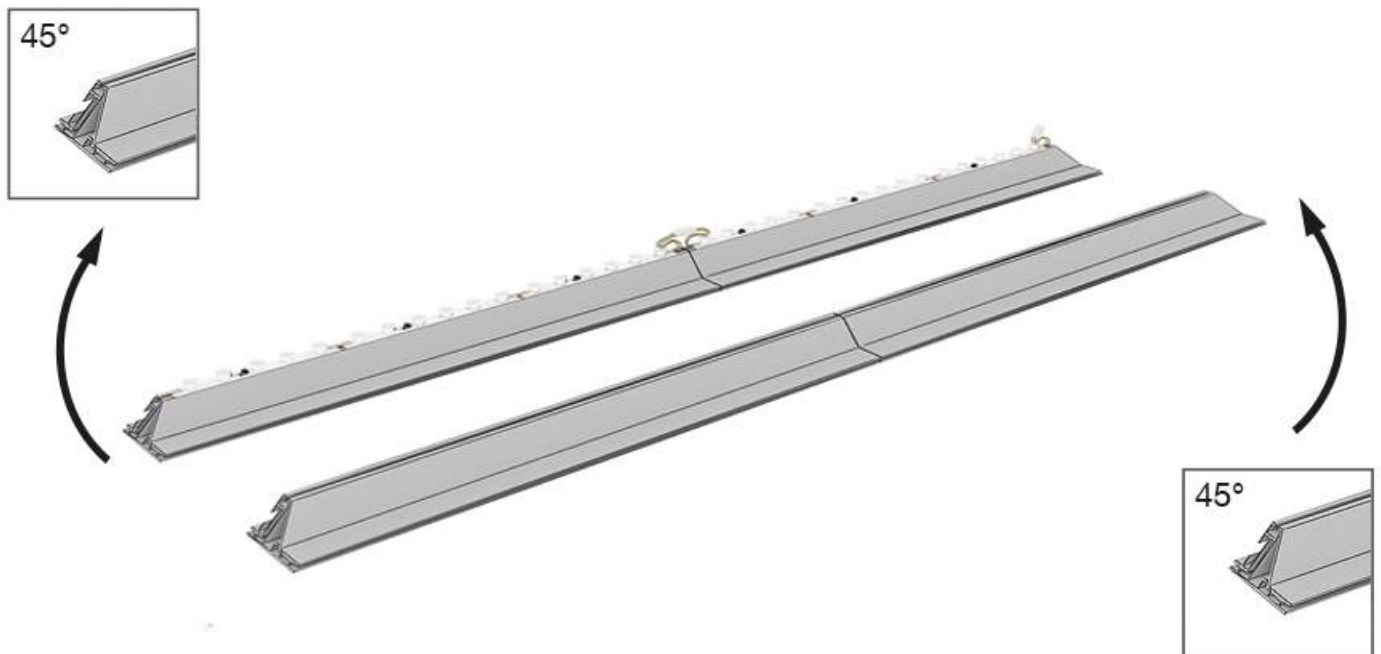
The differences referred to:

- The sides of the lightbox are divided or whole
- Arrangement of the LED strips
 - a) On the long sides
 - b) On the short sides
 - c) On all sides
- Placement of the power supply
 - a) Inside the frame
 - b) Outside the frame

1. CONSTRUCTION

Regardless of the size used, the lightbox consists of 4 profiles ending at an angle of 45 degrees.

The first step will be to obtain 4 full sides with the ends angled at 45 degrees.

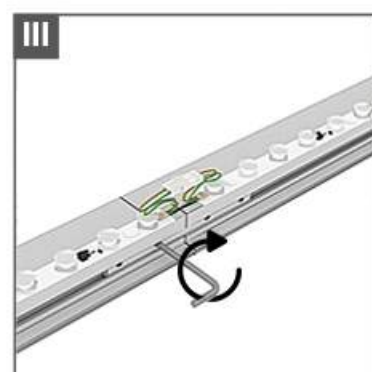
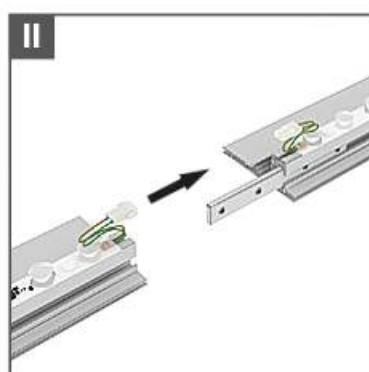
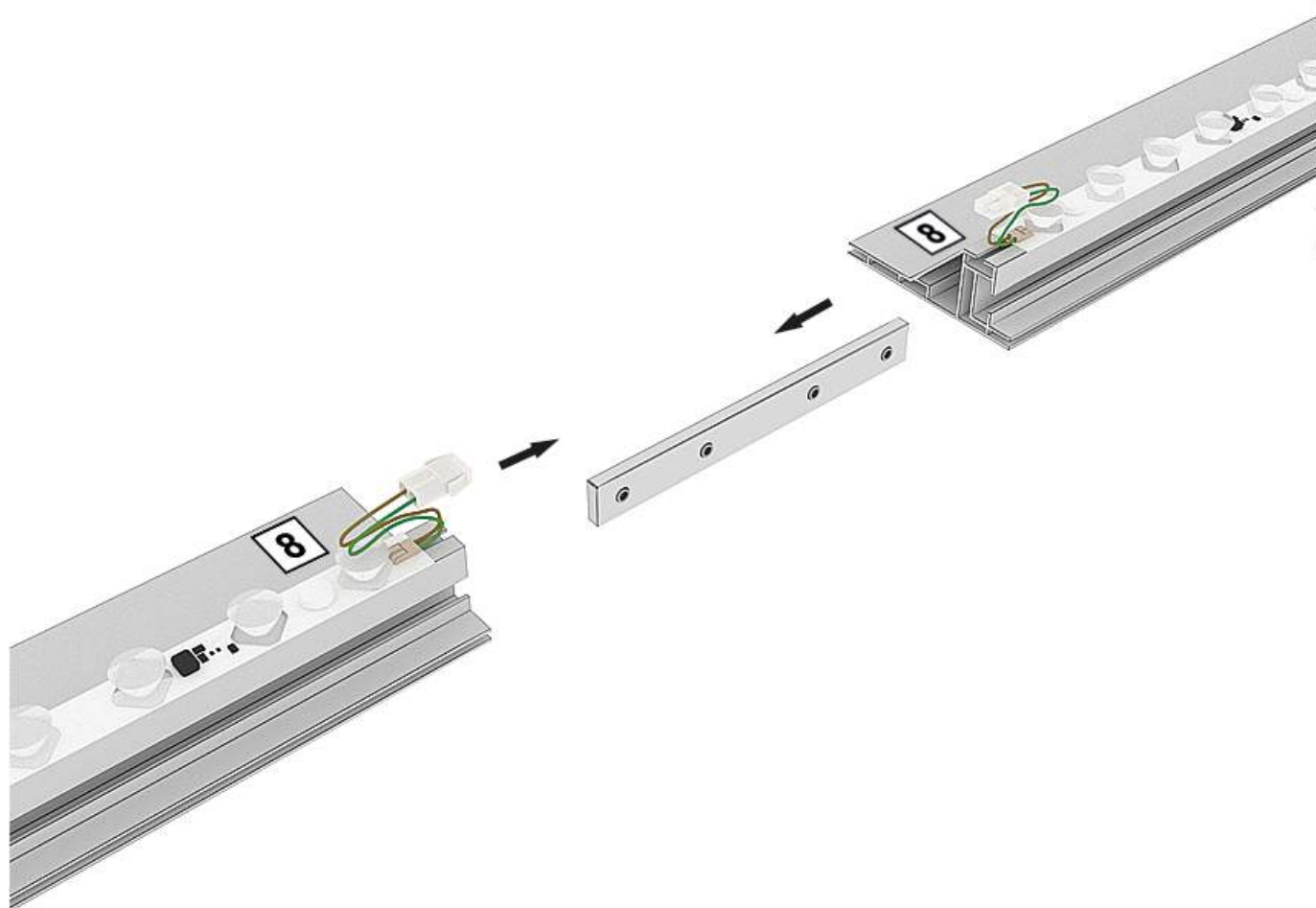


The profiles can be whole, then the next step should be skipped (it occurs in the smaller sizes). If the frame is cut and consists of at least 2 profiles, use 180-degree connectors and an Allen key to connect the profiles according to the graphics below.

NOTE: some of the profiles do not have LED strips - first of all, follow the stickers with numbers - for example: 8 is combined with 8, and 4 with 4.

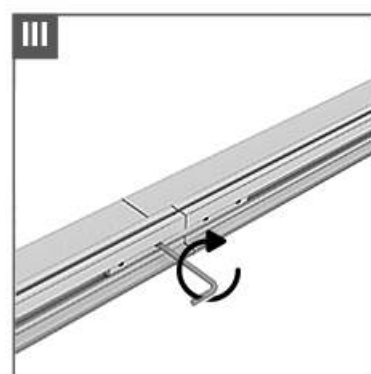
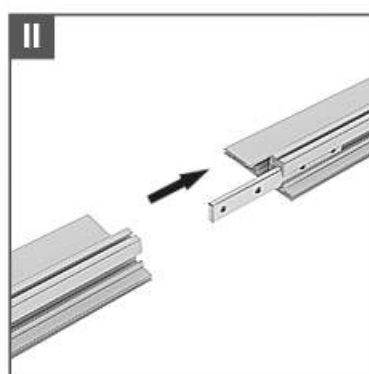
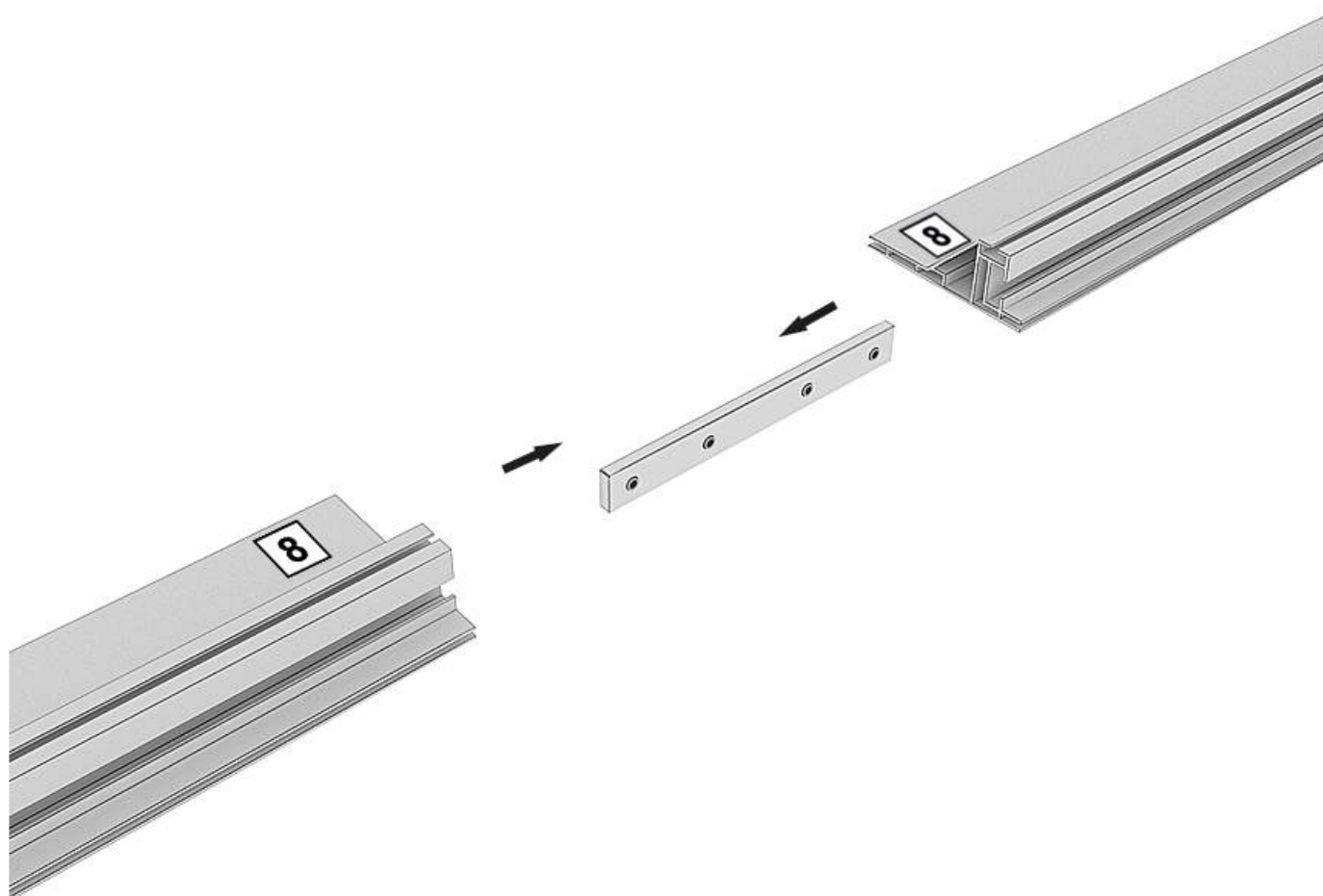


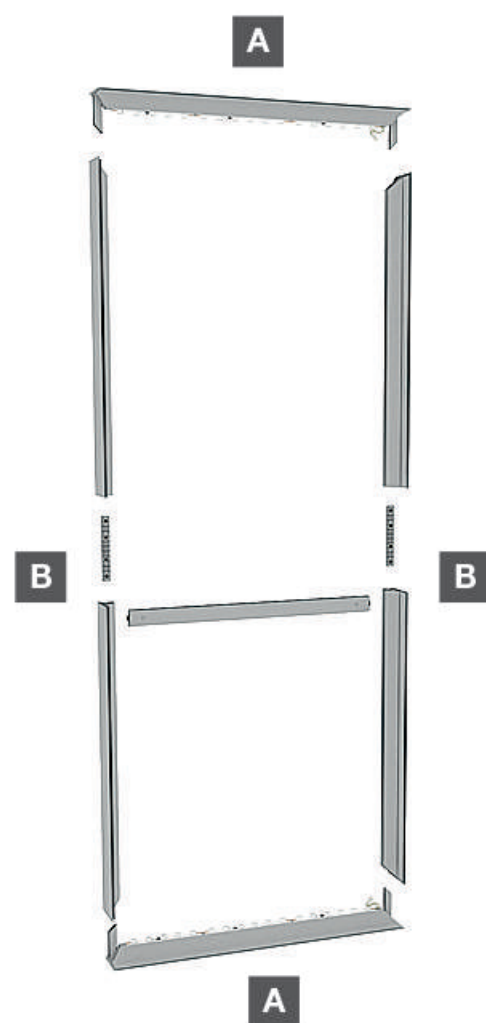
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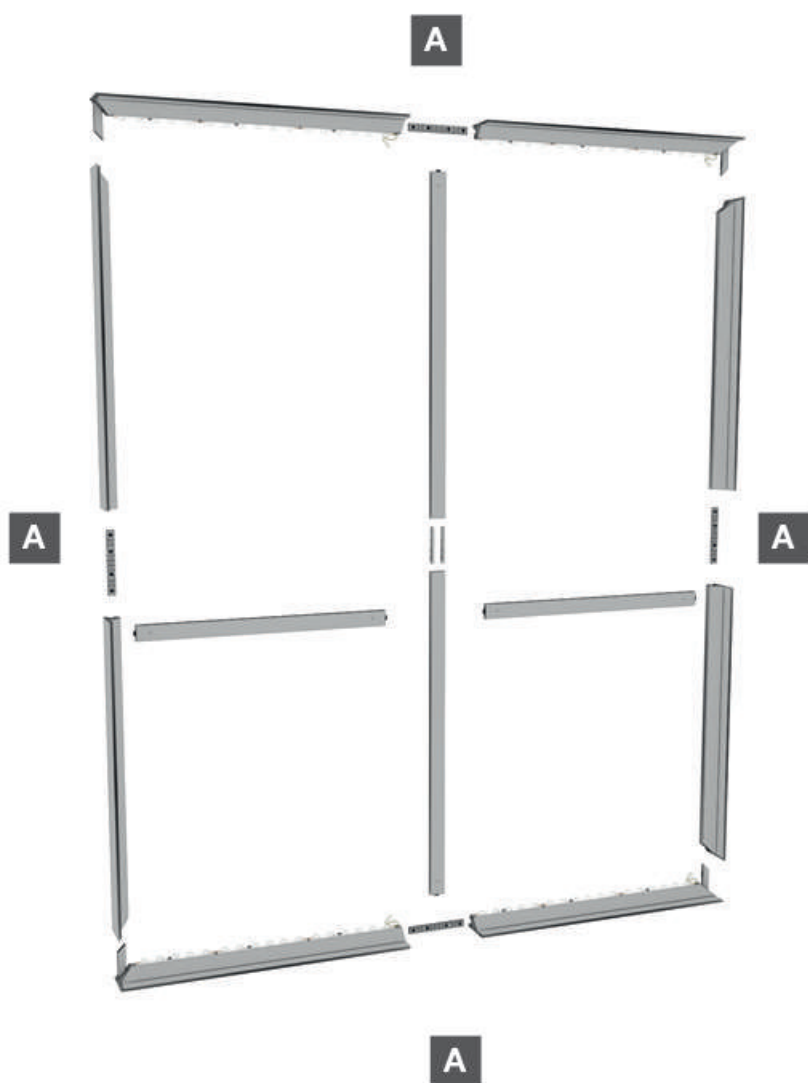


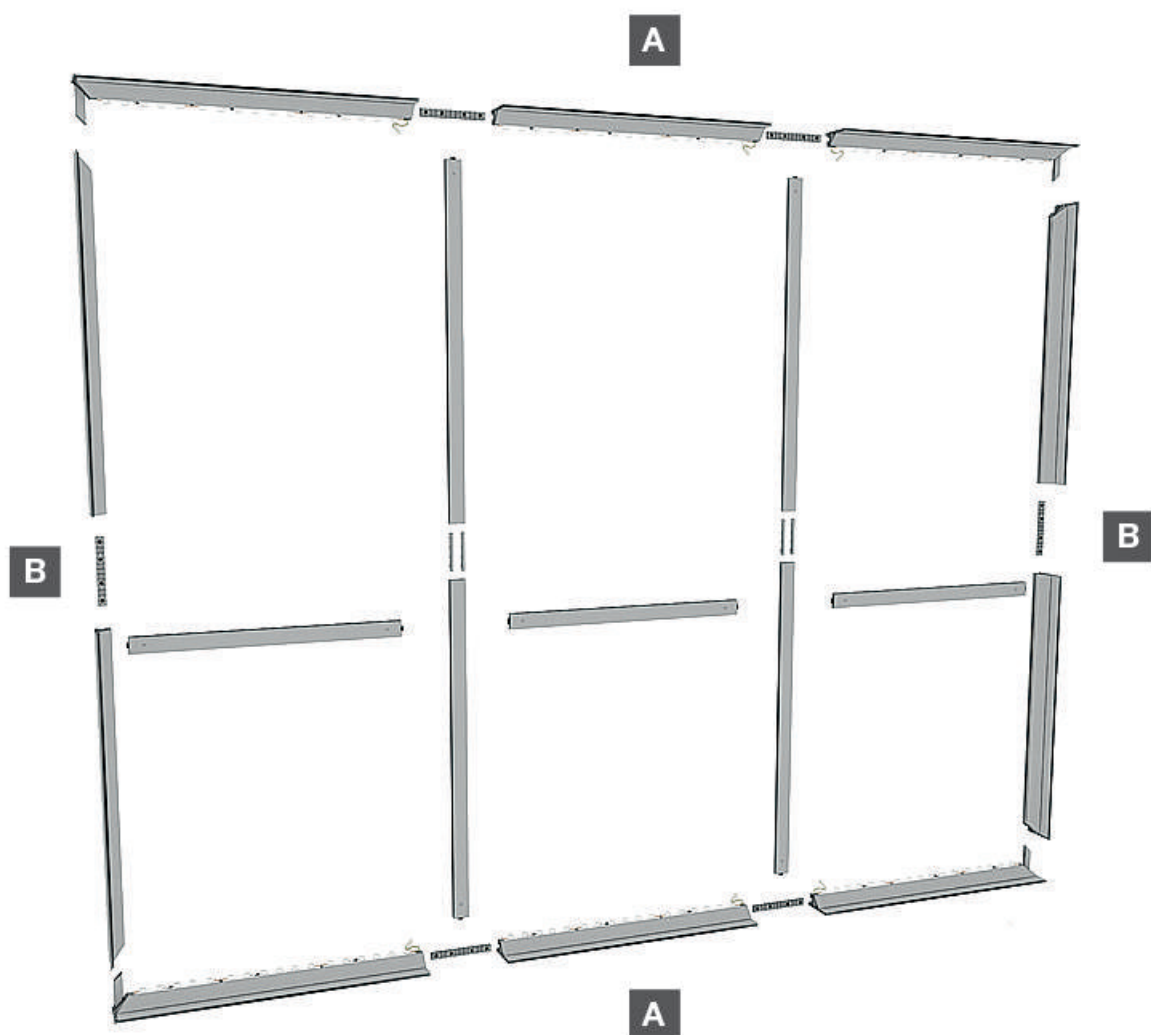


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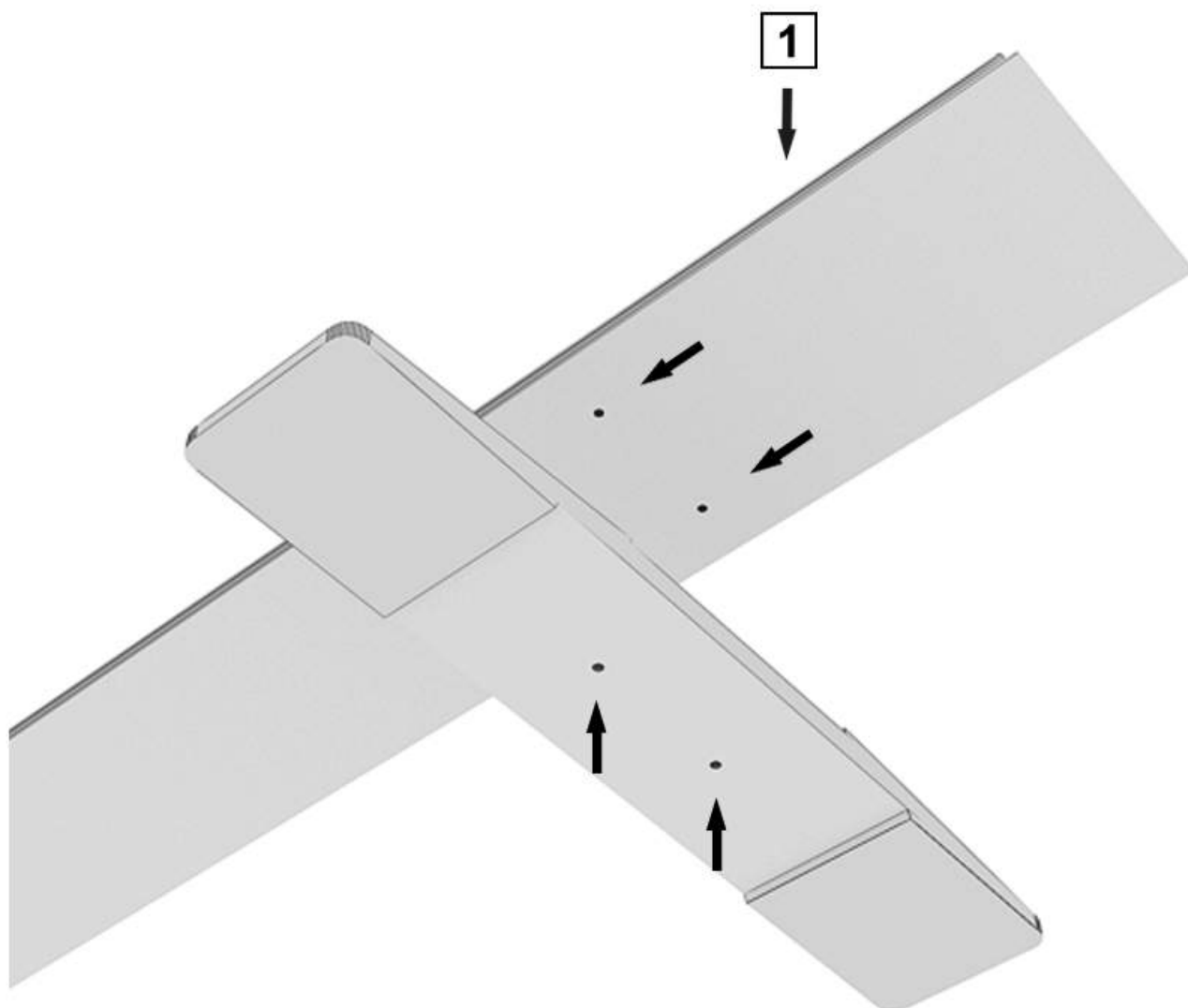






1A. BASE FEET

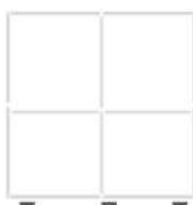
When we have 4 profiles finished with a 45-degree cut, we look for profiles with the number 1. We should have 2 such profiles. One of them has holes for screwing



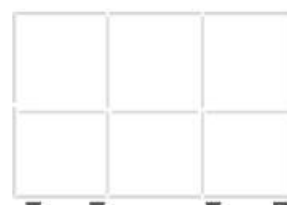
NOTE: the number of feet may be different for different sizes of the lightboxes.



2 feet



3 feet

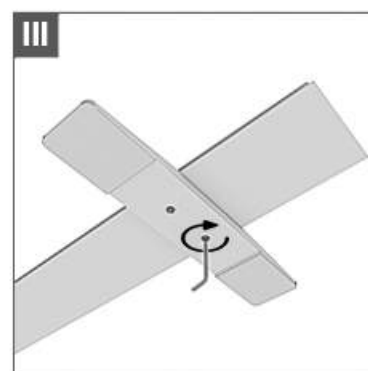
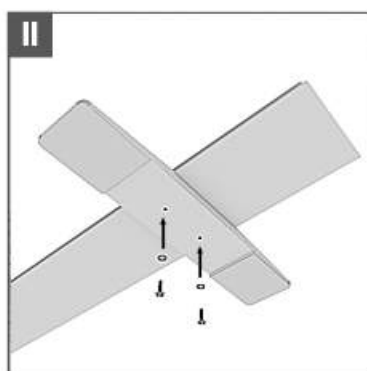
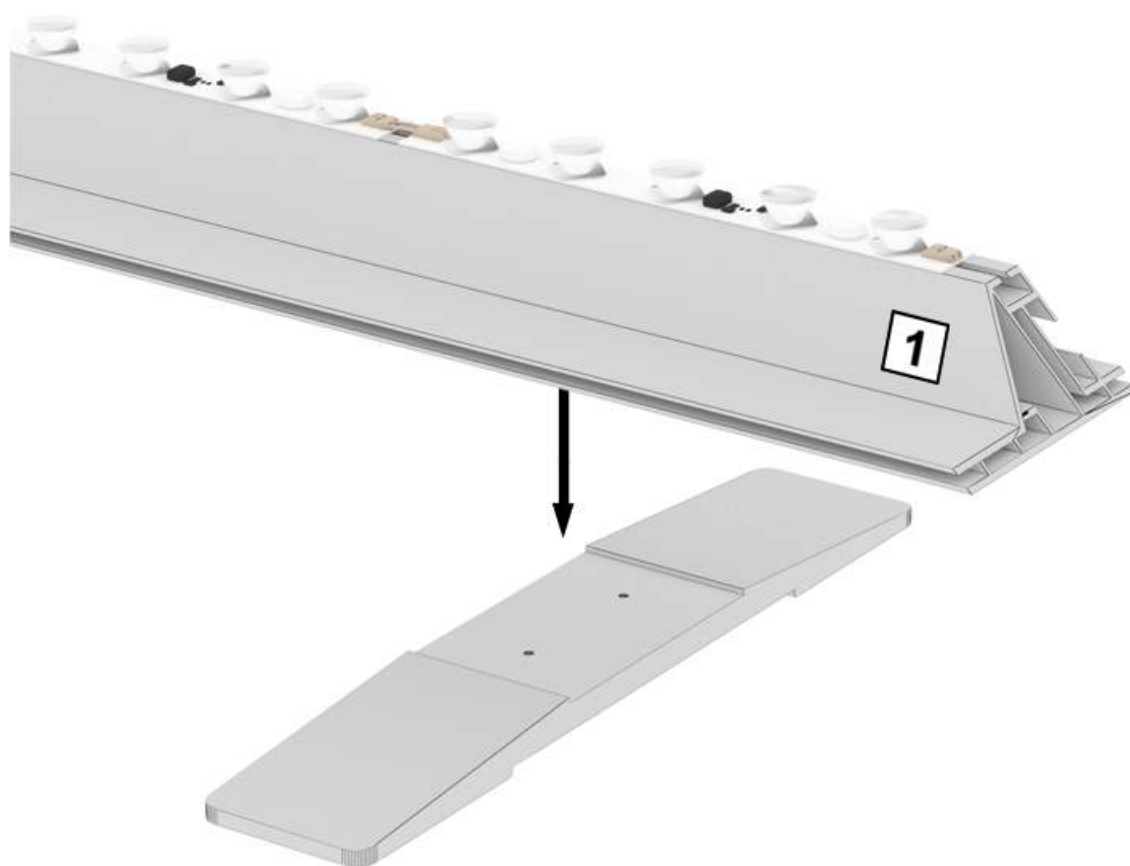


4 feet



The profile is placed on the feet, then using the attached screws and an Allen key screw them to the frame.

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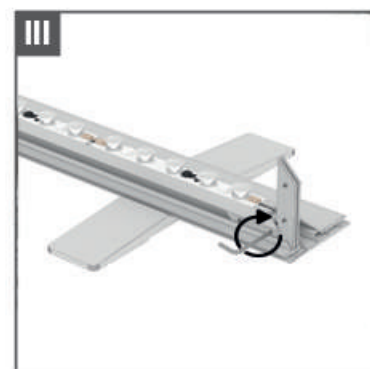
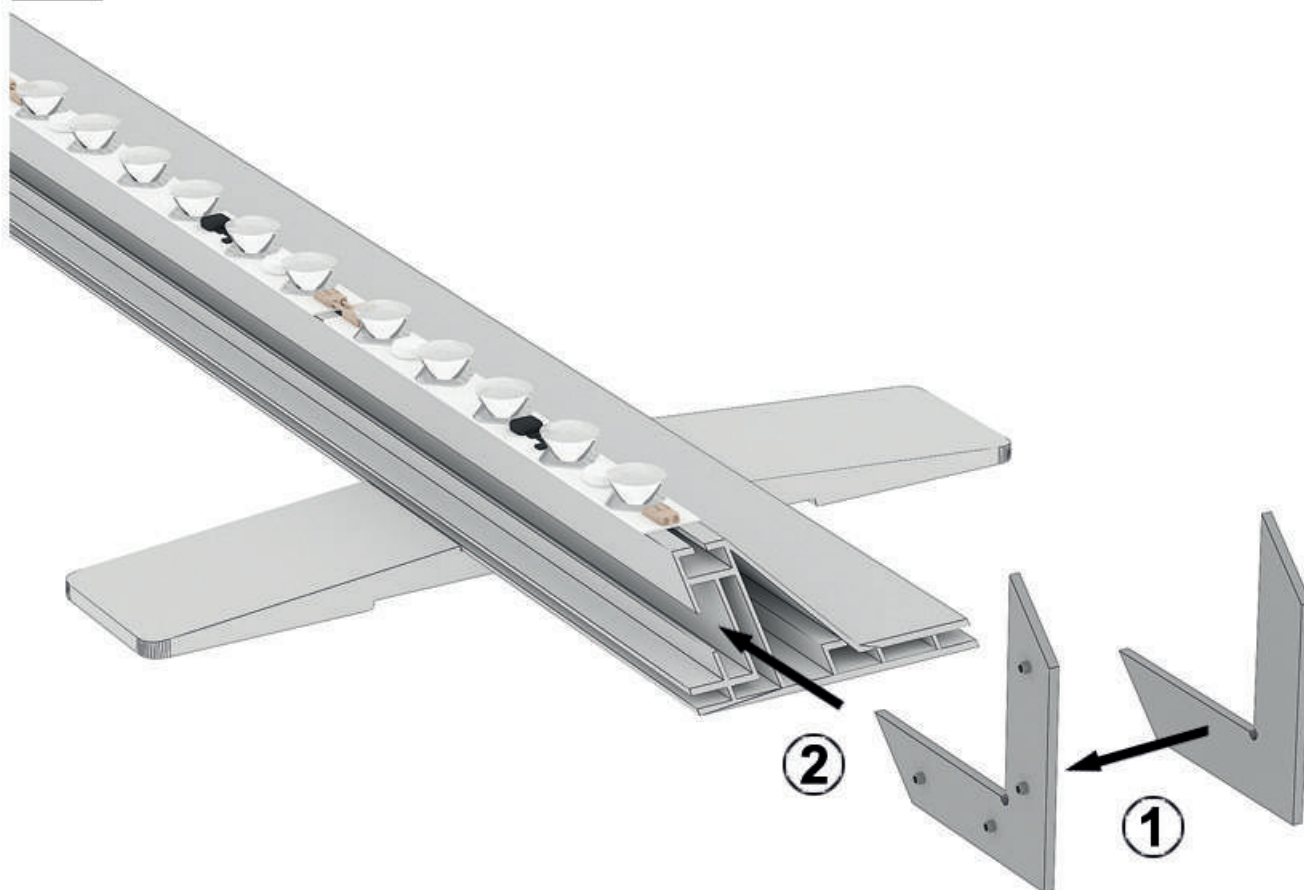


1B. THE SIDES OF THE LIGHBOX

When the bottom profile has the feet screwed on, it is connected with the profiles with 90 degree angles side panels as shown in the picture below.

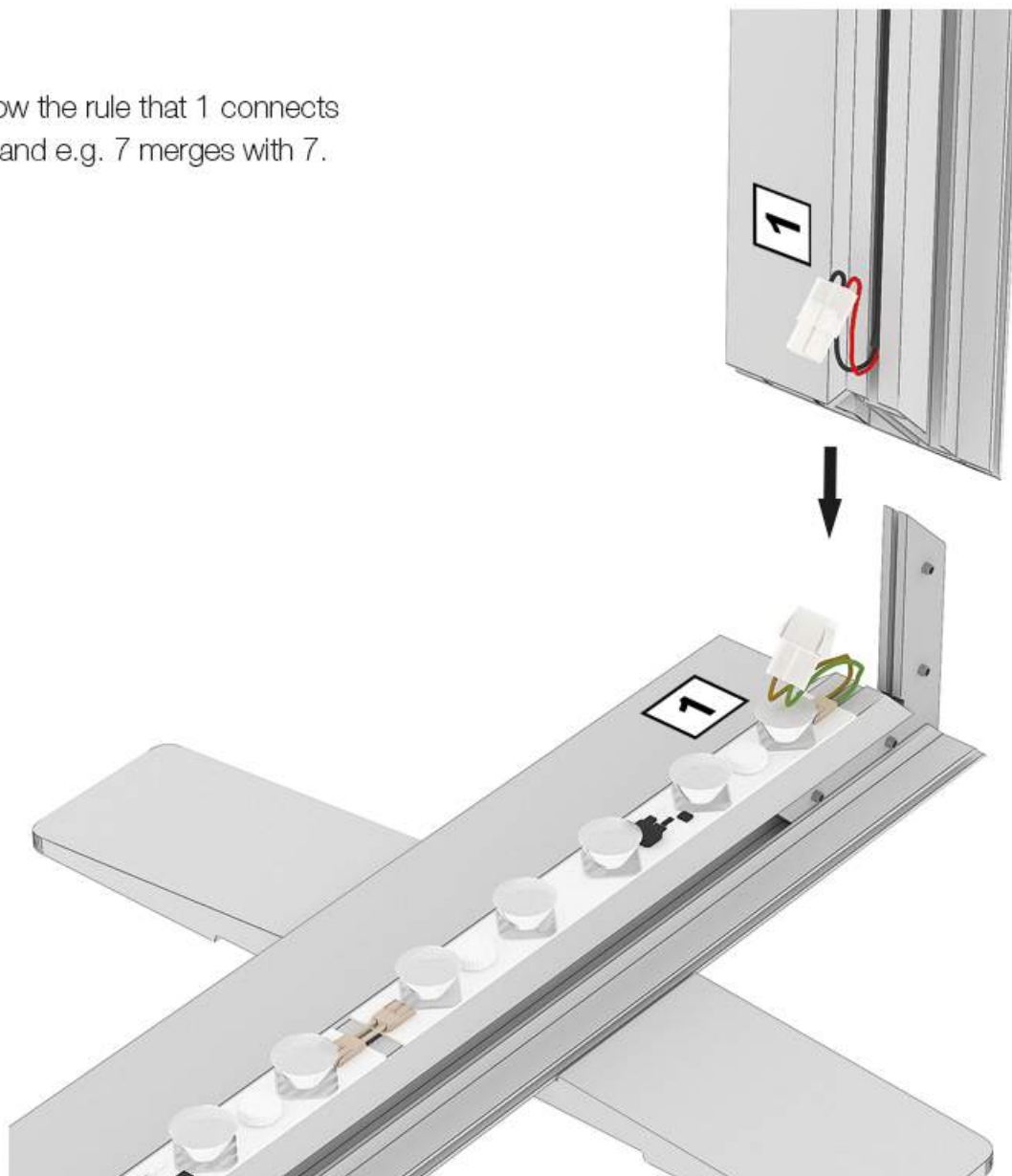


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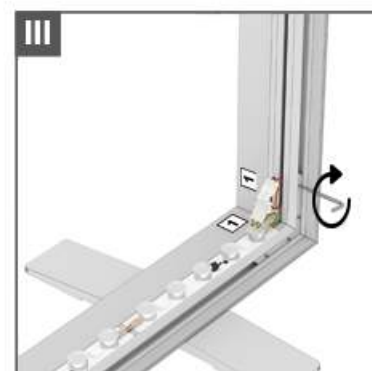
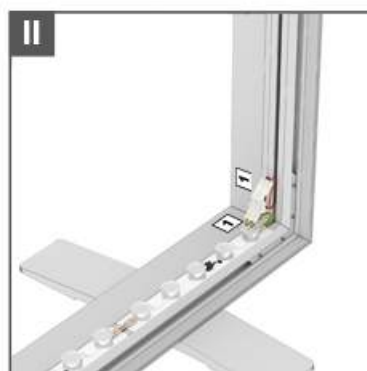


We follow the rule that 1 connects with 1, and e.g. 7 merges with 7.

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NOTE: We embed side profiles, and then regulate fitting the elements with a Allen key, tightening the screws located in the connector



NOTE: Some profiles may have LED strips inside, and some not - everything depends on the lighting variant used, which is mentioned in the introduction to this manual.

Screw on the last remaining profile (it should be the upper edge of the frame) 90 degree fasteners with an Allen key. Do not put the top profile on the construction.

1C. SUPPORTS

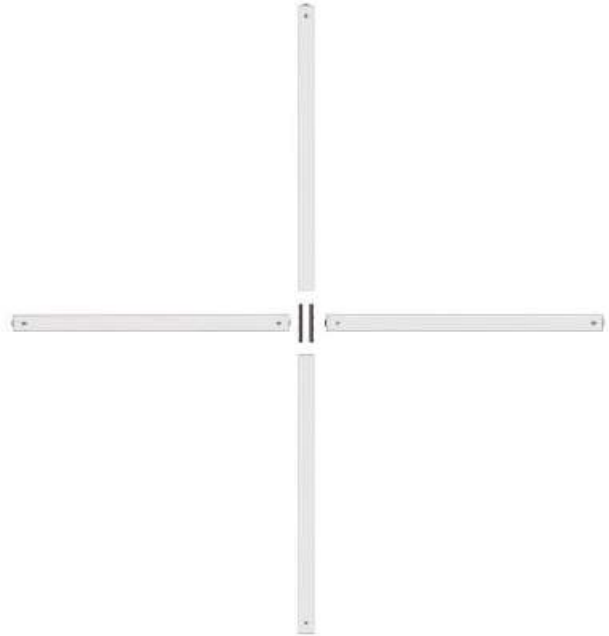
The type of support used depends on the size of the cassette.

There are 3 basic types:

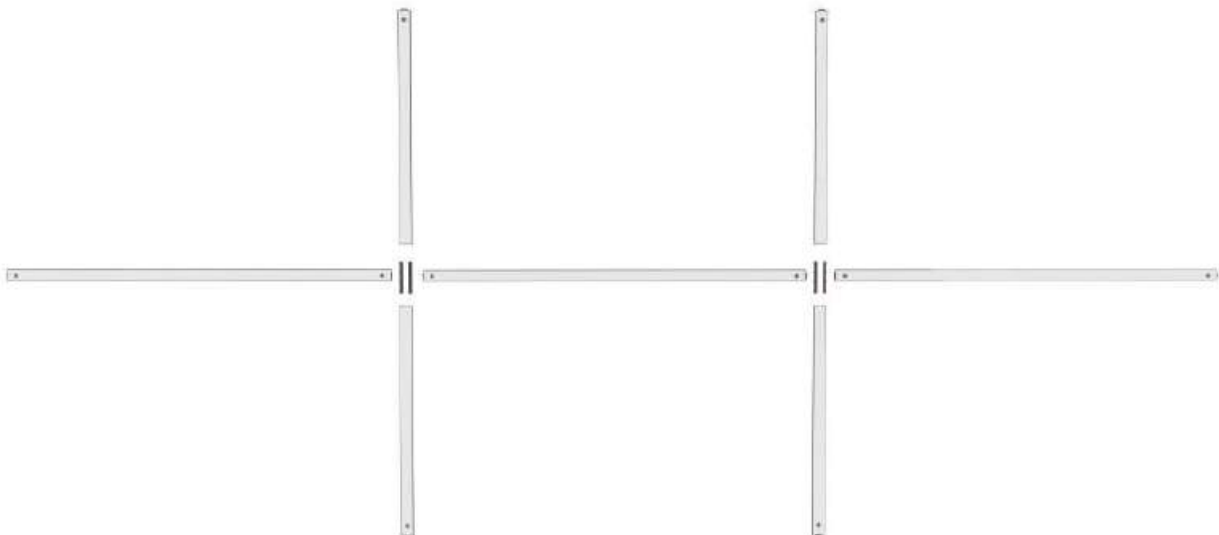
Support - whole



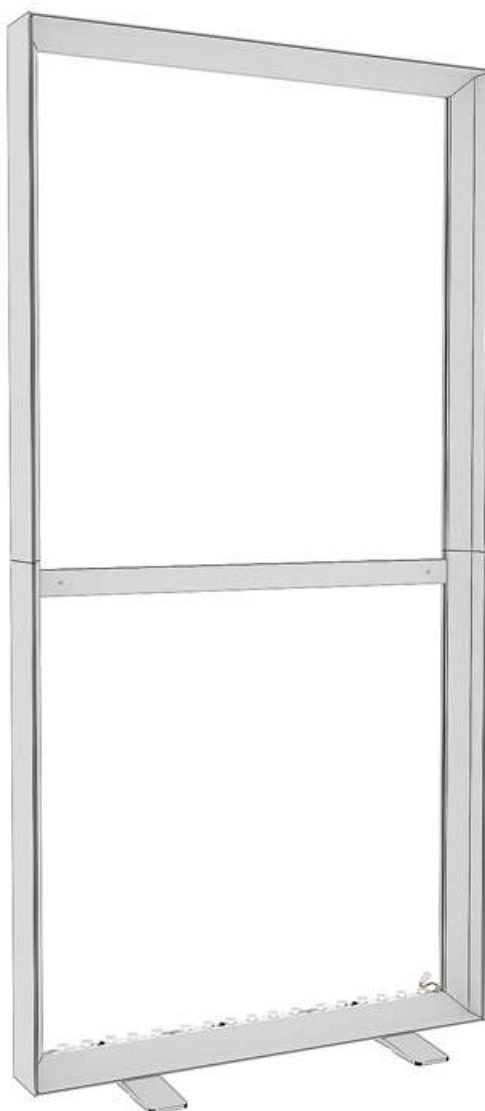
Cross support



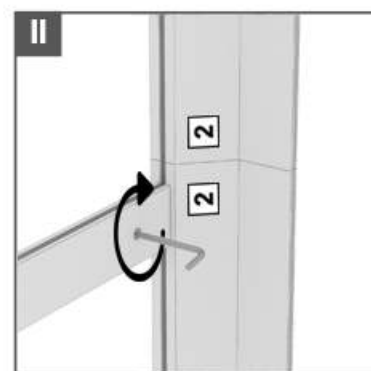
Double cross support



SUPPORT - WHOLE

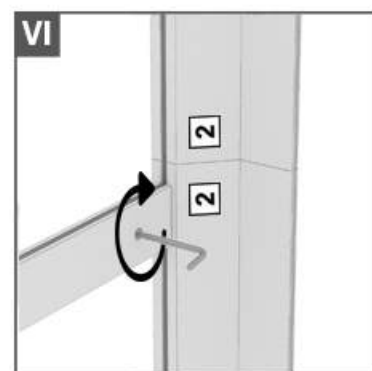
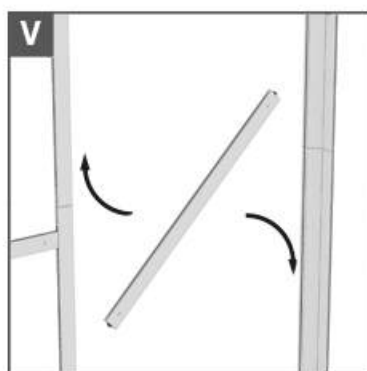
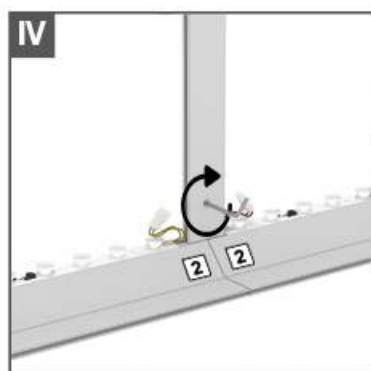
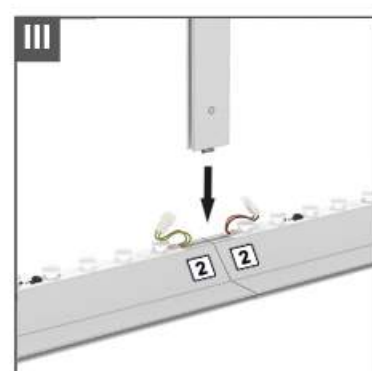
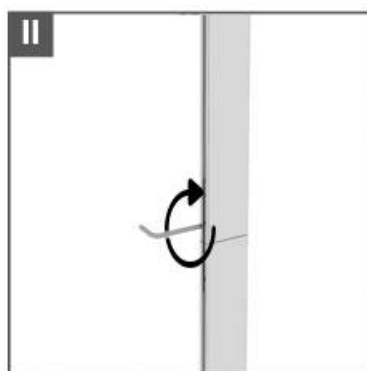
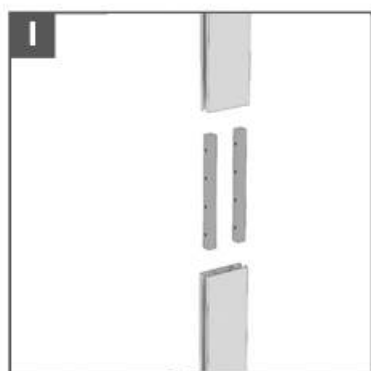
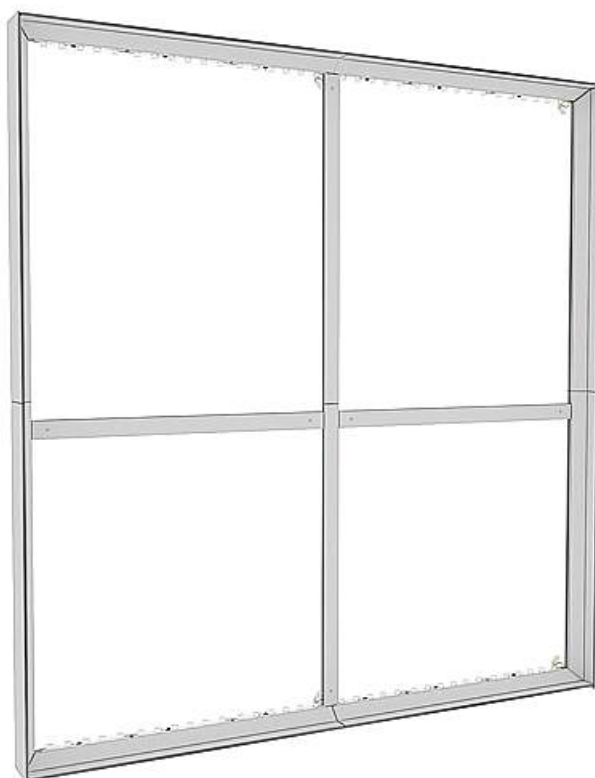


* Some smaller panels don't need a support



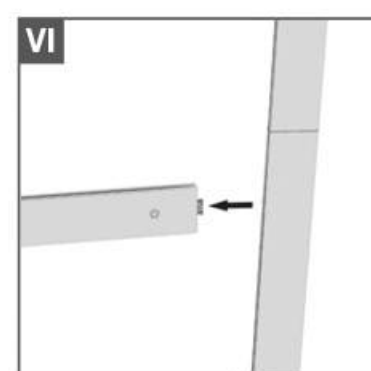
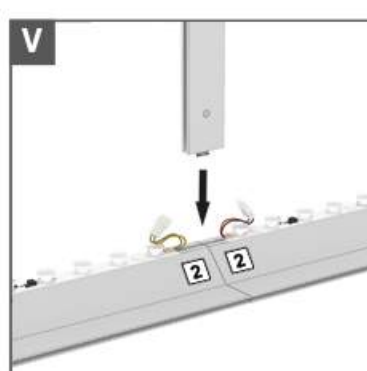
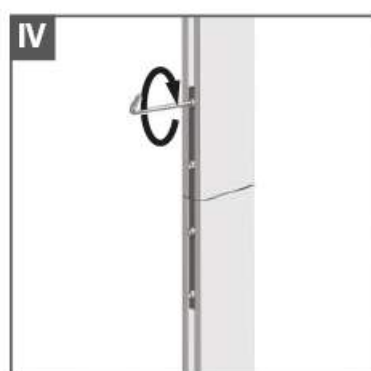
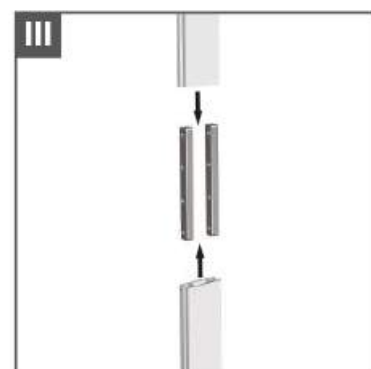
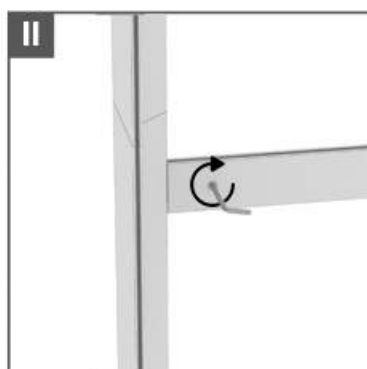
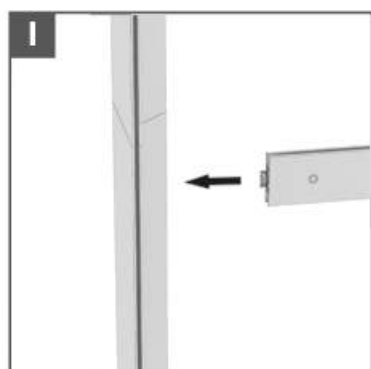
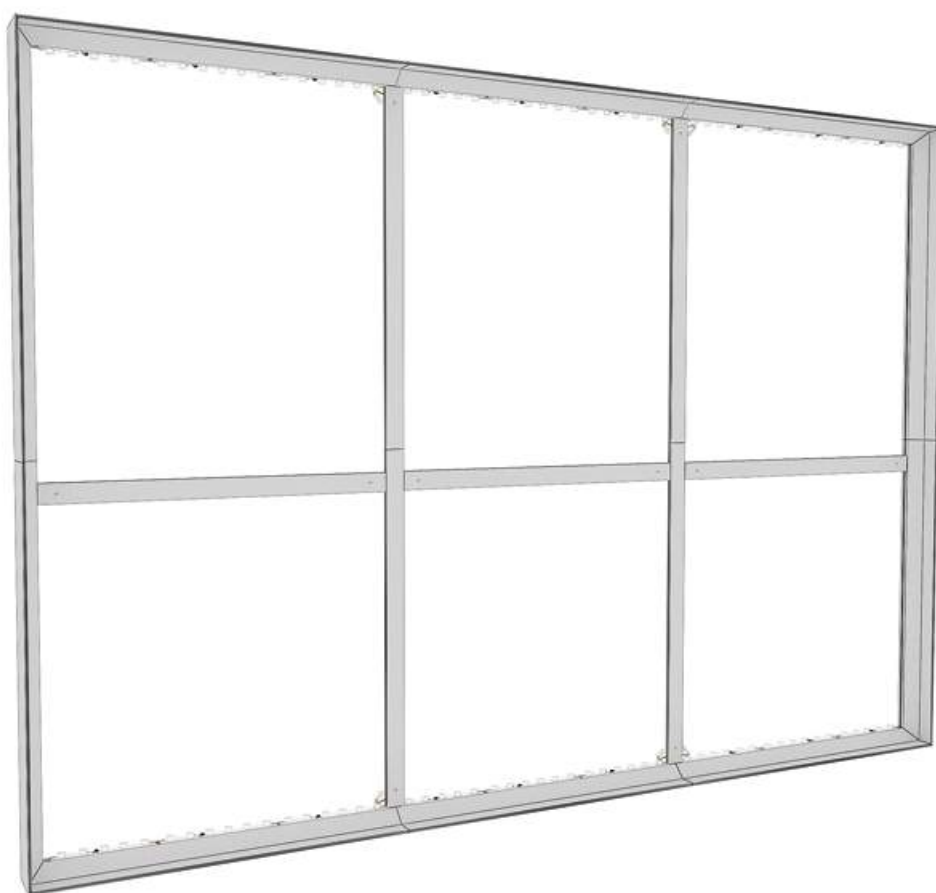
When the support is already mounted in the frame, place the top edge of the frame.
Tighten the supports to the structure and tighten the corners with an Allen key.

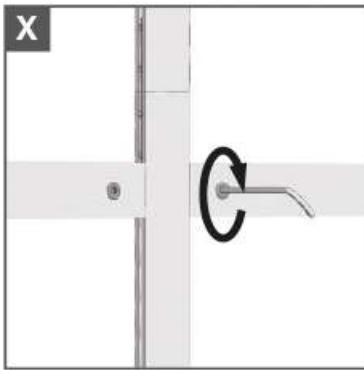
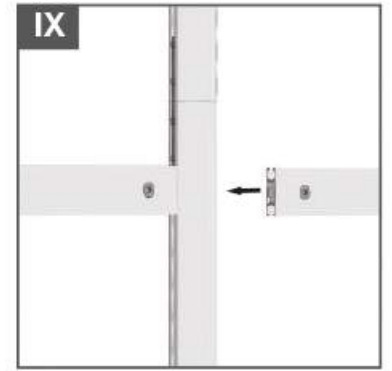
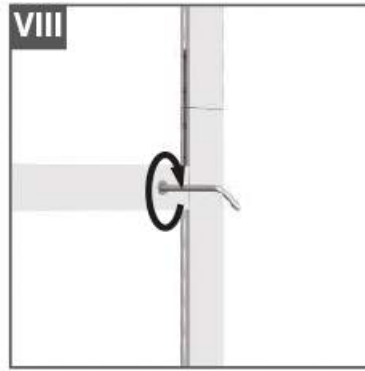
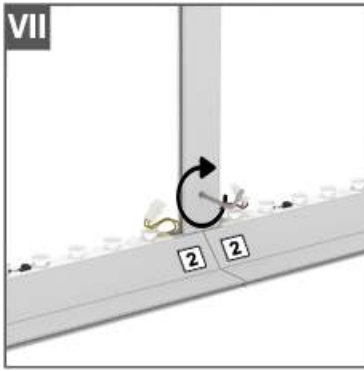
CROSS SUPPORT



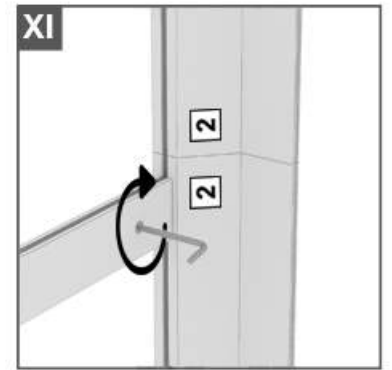
When the support is already mounted in the frame, place the top edge of the frame.
Tighten the supports to the structure and tighten the corners with an Allen key.

DOUBLE CROSS SUPPORT



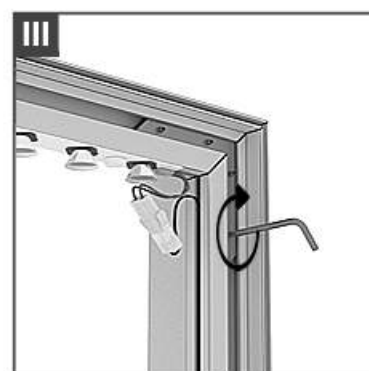
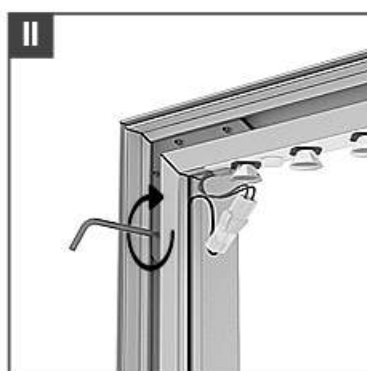
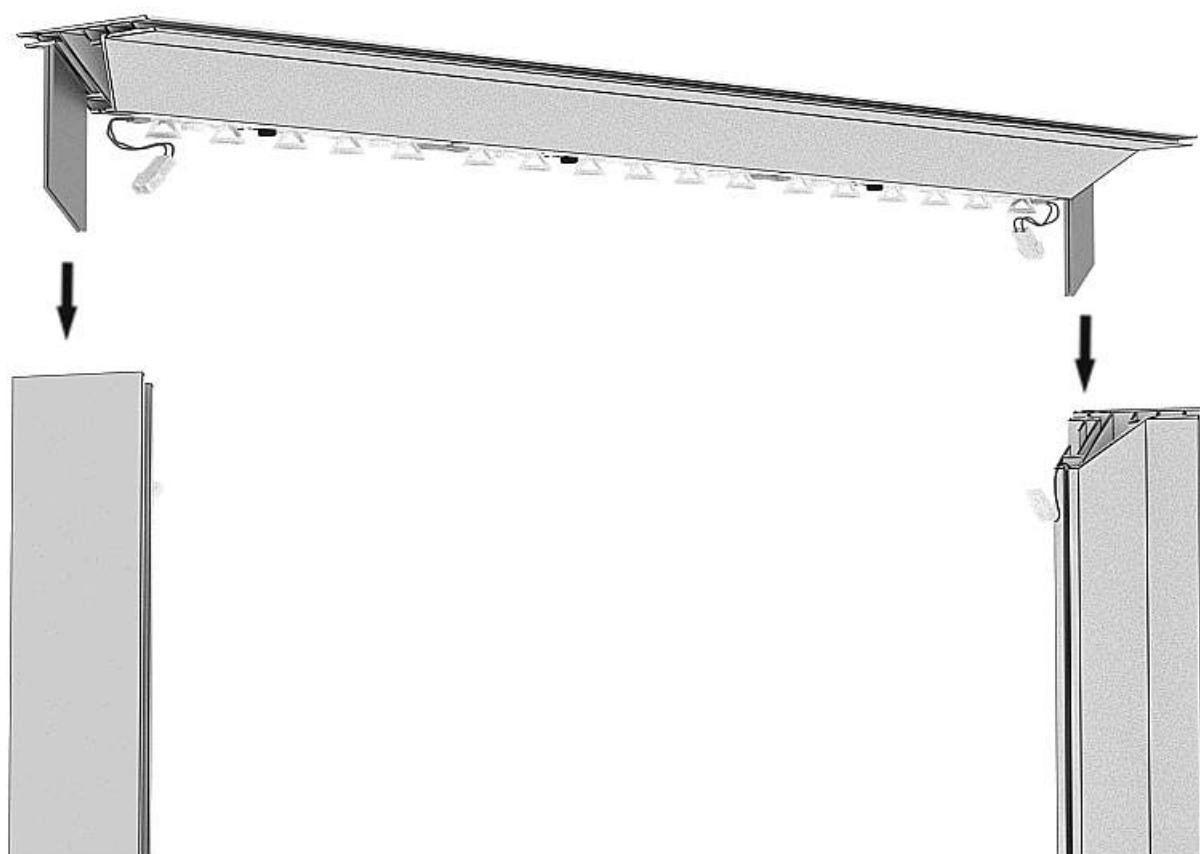


Repeat
the steps
III - X

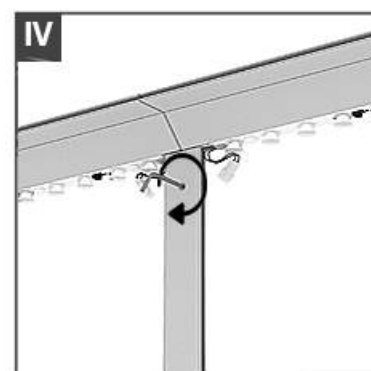
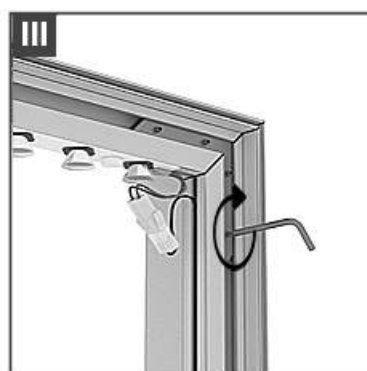
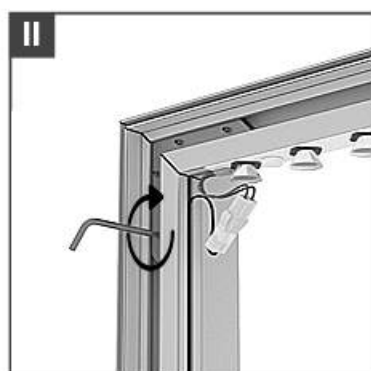
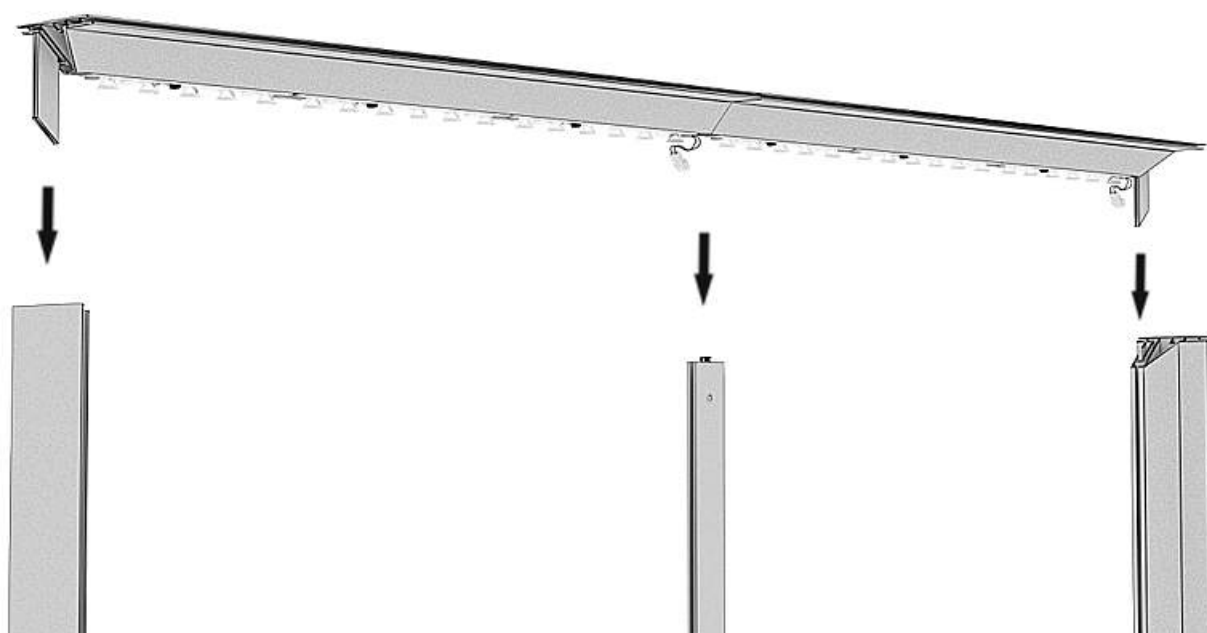
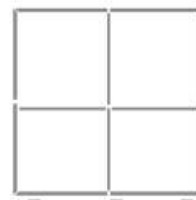


When the support is already mounted in the frame, place the top edge of the frame.
Tighten the supports to the structure and tighten the corners with an Allen key.

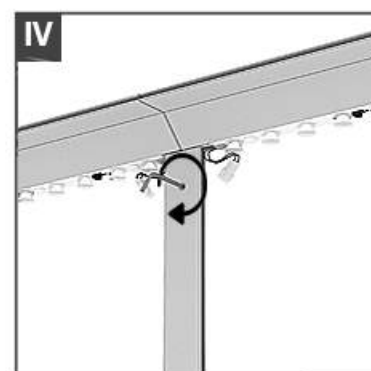
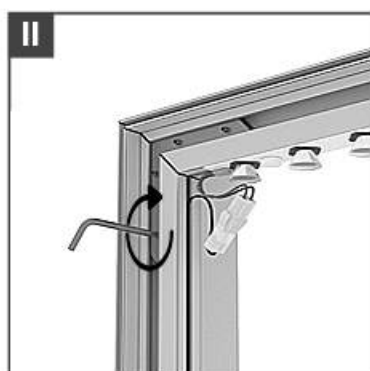
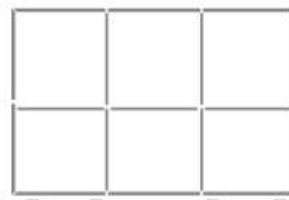
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2. LED AND POWER SUPPLY CONNECTION

Due to the type of power supply, we distinguish between boxes with a power supply:

- external
- internal

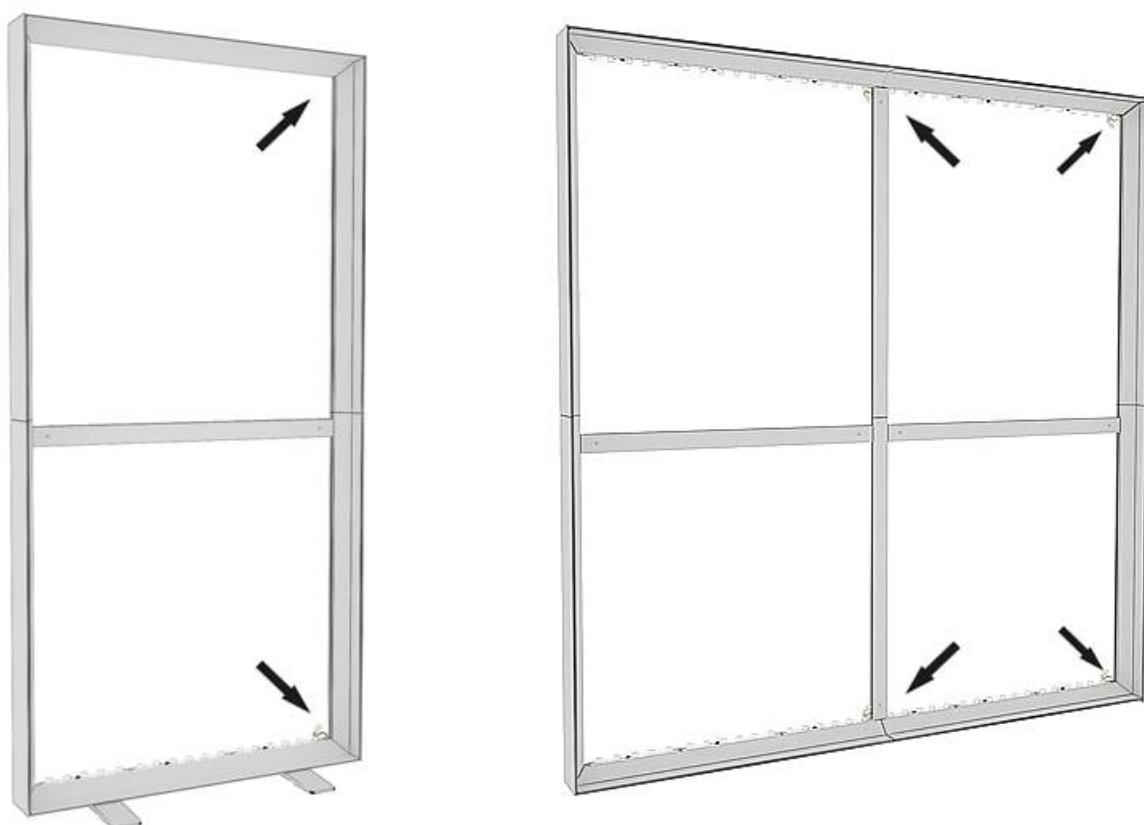
Due to the location of the LEDs, we distinguish between light boxes:

- with LED strips in the upper and lower profile
- with LED strips in the side profiles
- with LED strips in all profiles

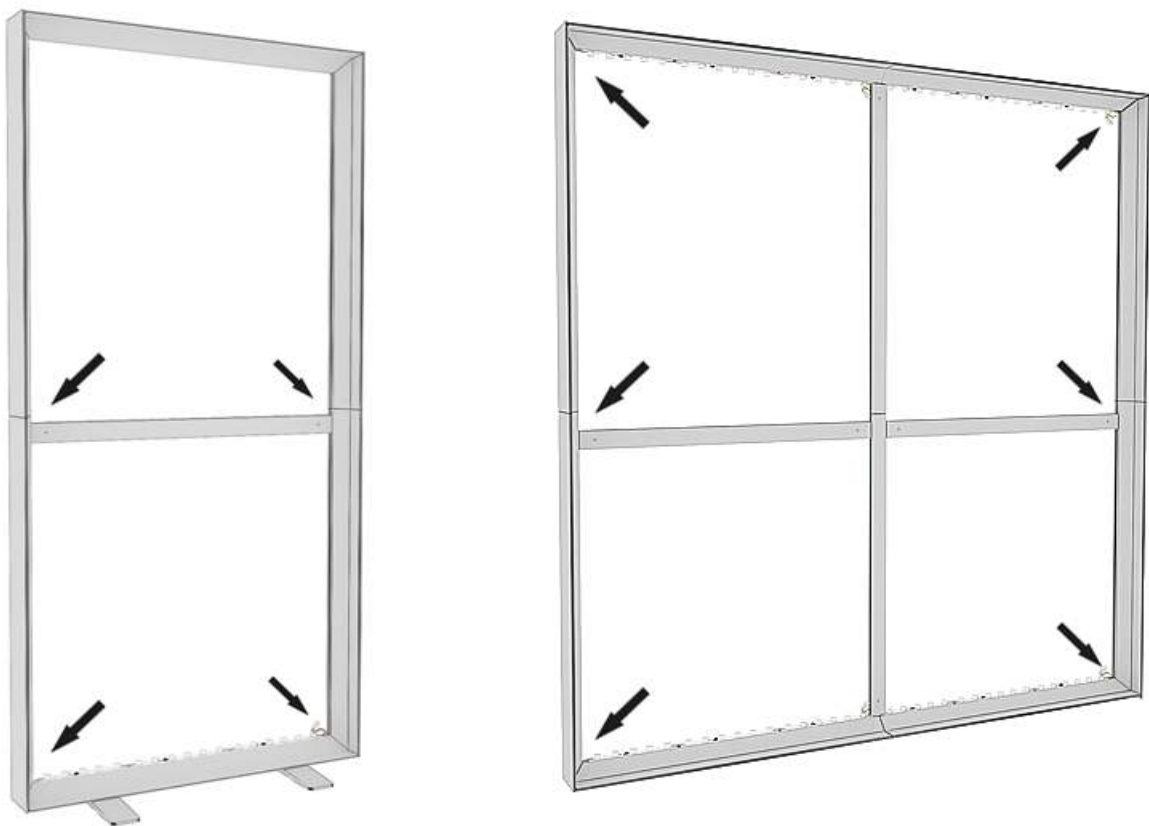
2A. LED CONNECTION

After screwing the entire frame, pay attention to the corners and the place of cutting the profiles. There should be plugs that need to be connected to each other.

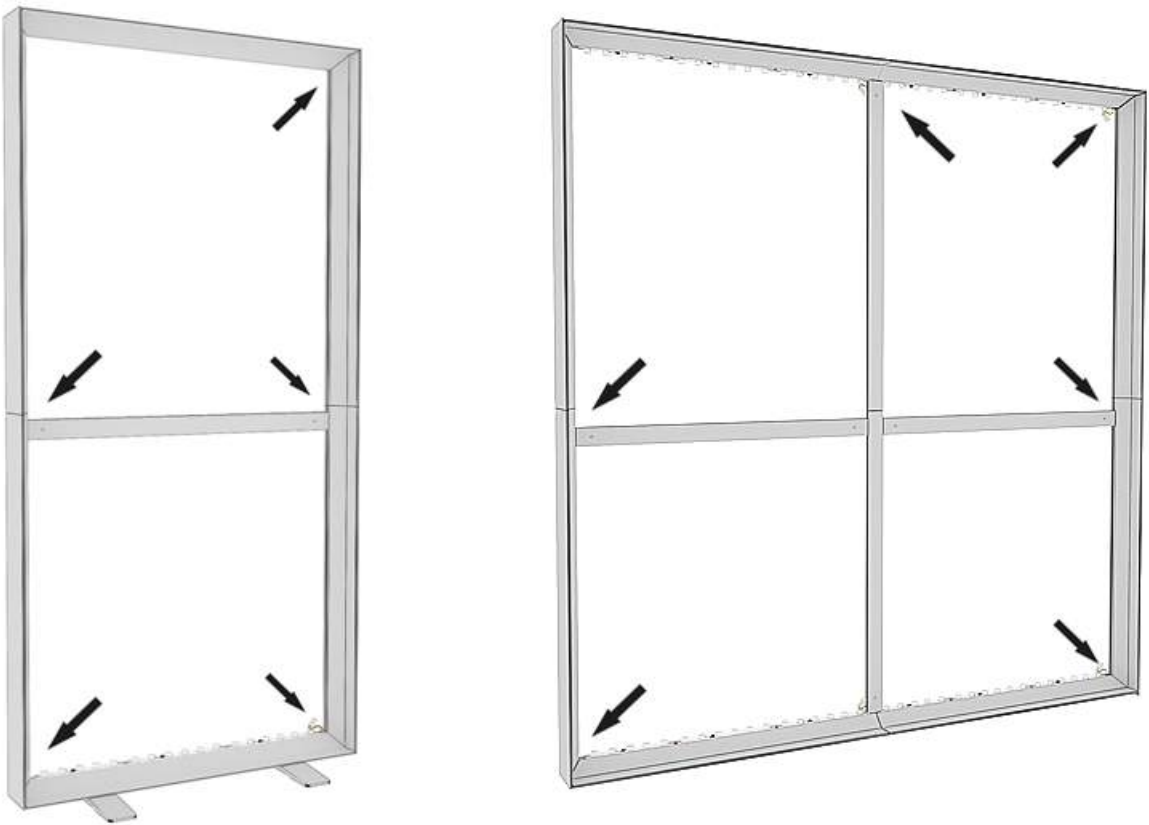
Electrical connections in the frame with LED strips in the upper and lower profiles:



Electrical connections in the frame with LED strips in the side profiles

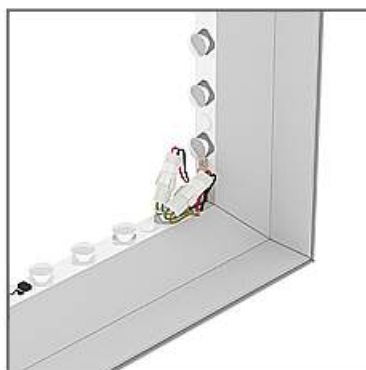
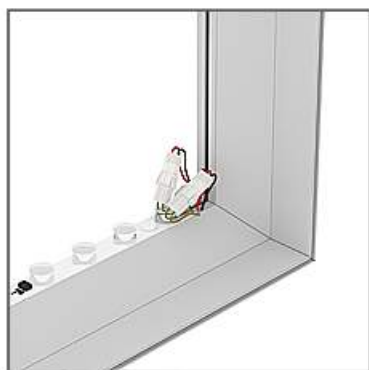


Electrical connection places in the frame with LED strips in all profiles

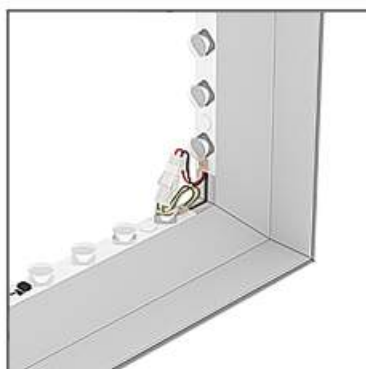
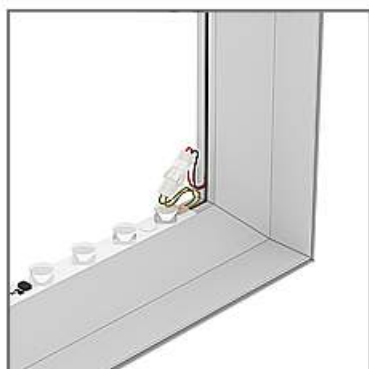


Depending on the lightbox, the following types of connections are used:

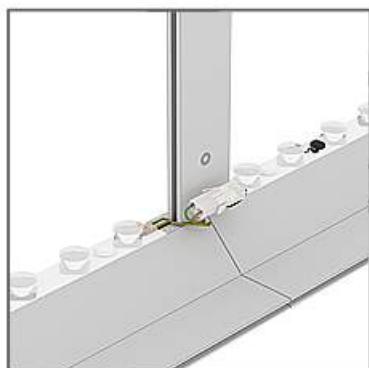
Corner connection at power cord entry (2 male, 2 female)



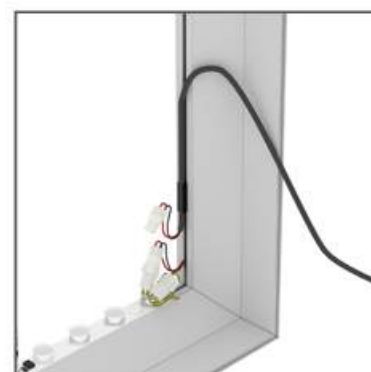
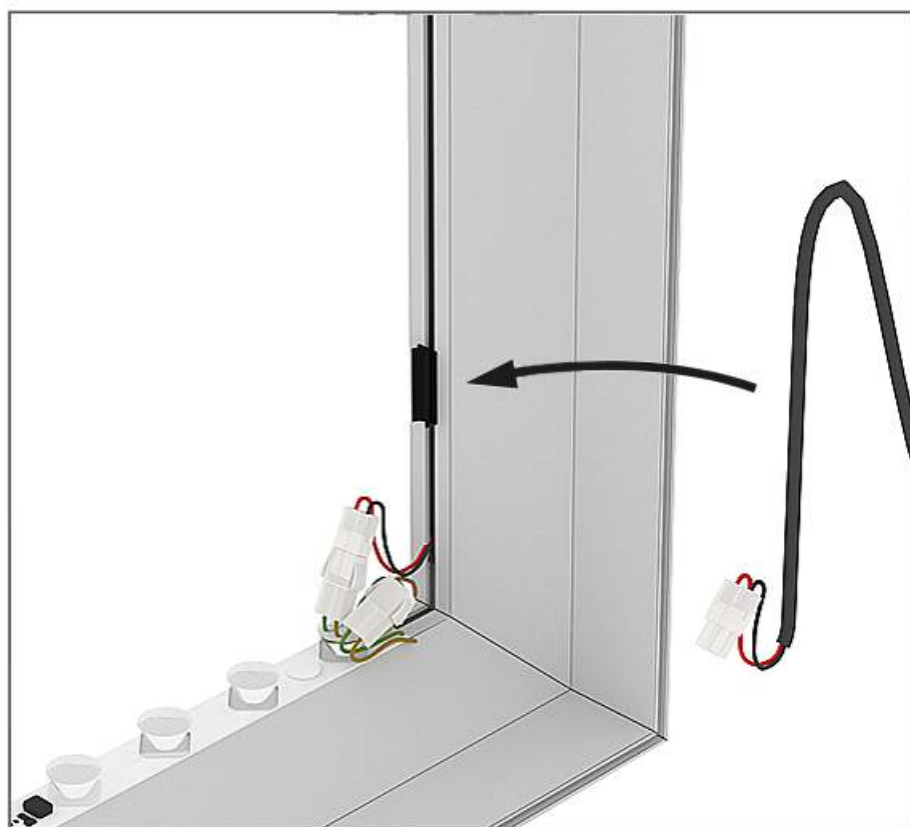
Connection in the corner of the cassette (1 male, 1 female)



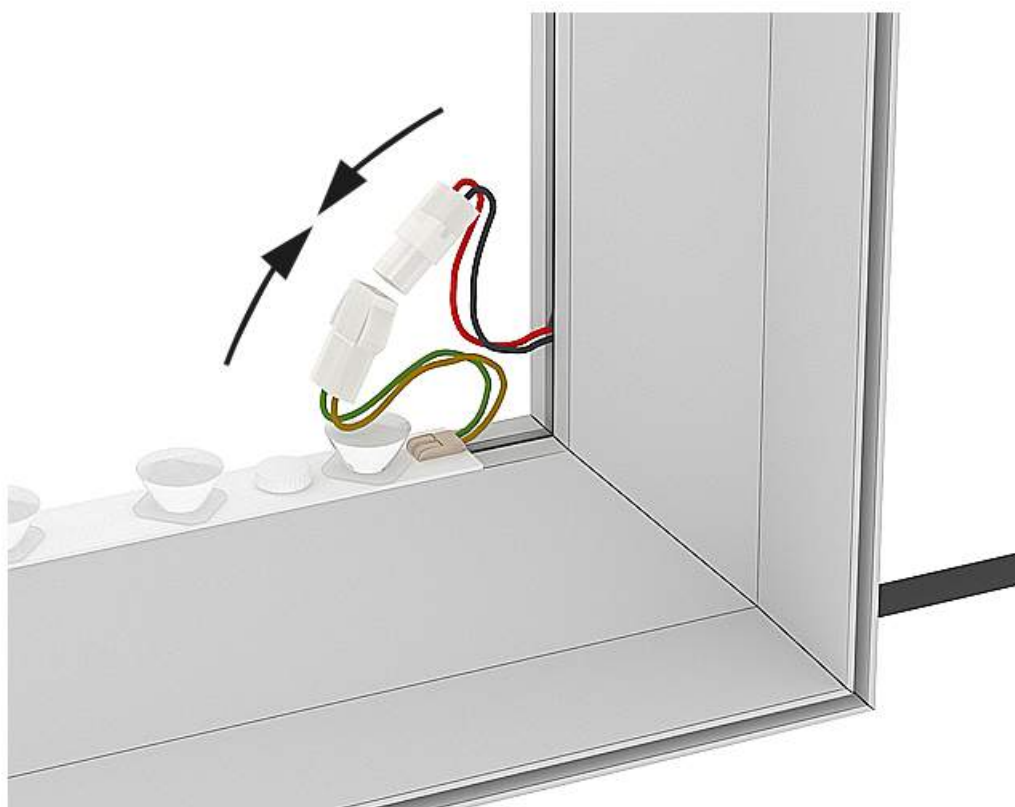
Connection at the frame support (1 male, 1 female)



In profiles without LED strips, should be used a connecting cable, placed along the profile, fixing it in the handles on the inside of the profile



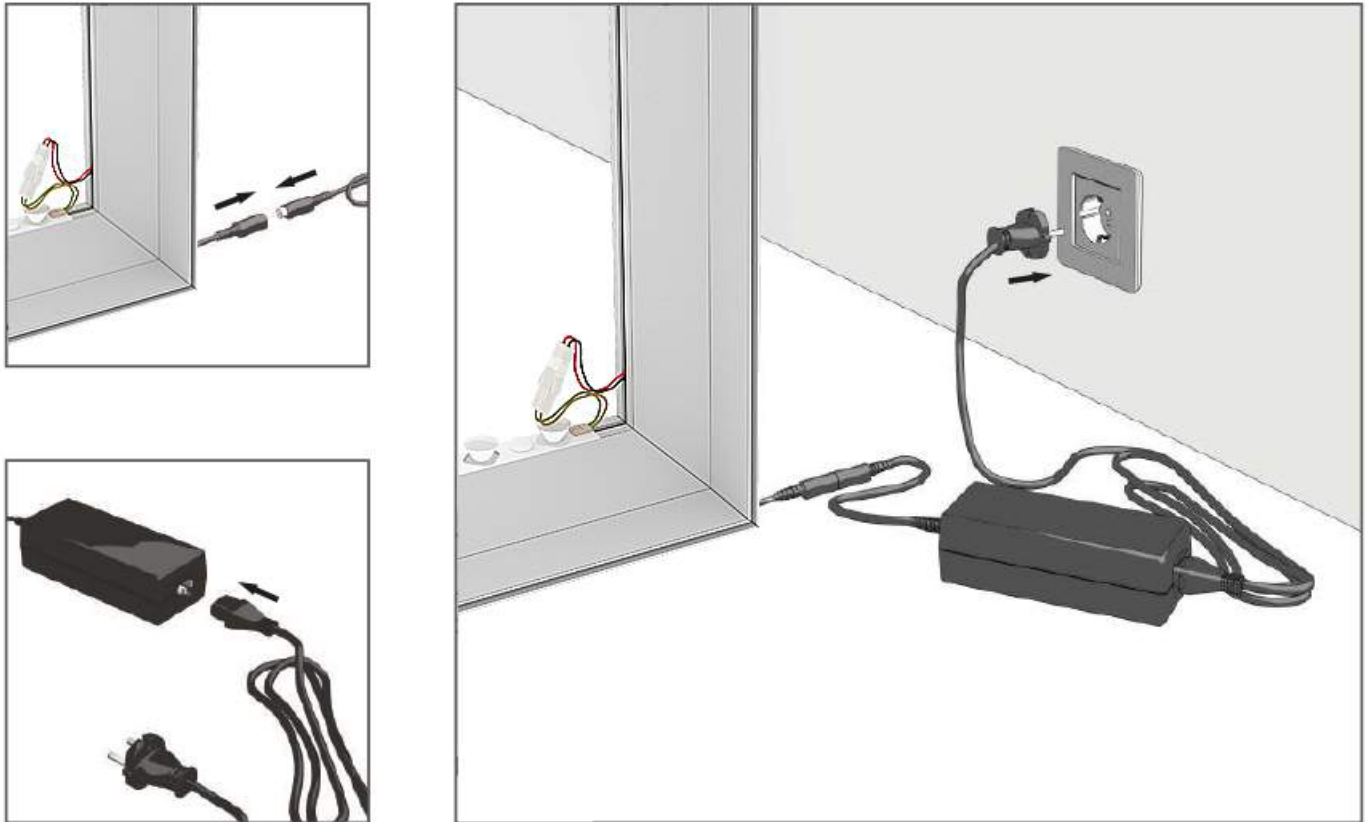
After locating all electrical connectors of the lightbox, fix them together. The connectors are made in such a way that they cannot be connected improperly.



2B. CONNECTING THE POWER SUPPLY

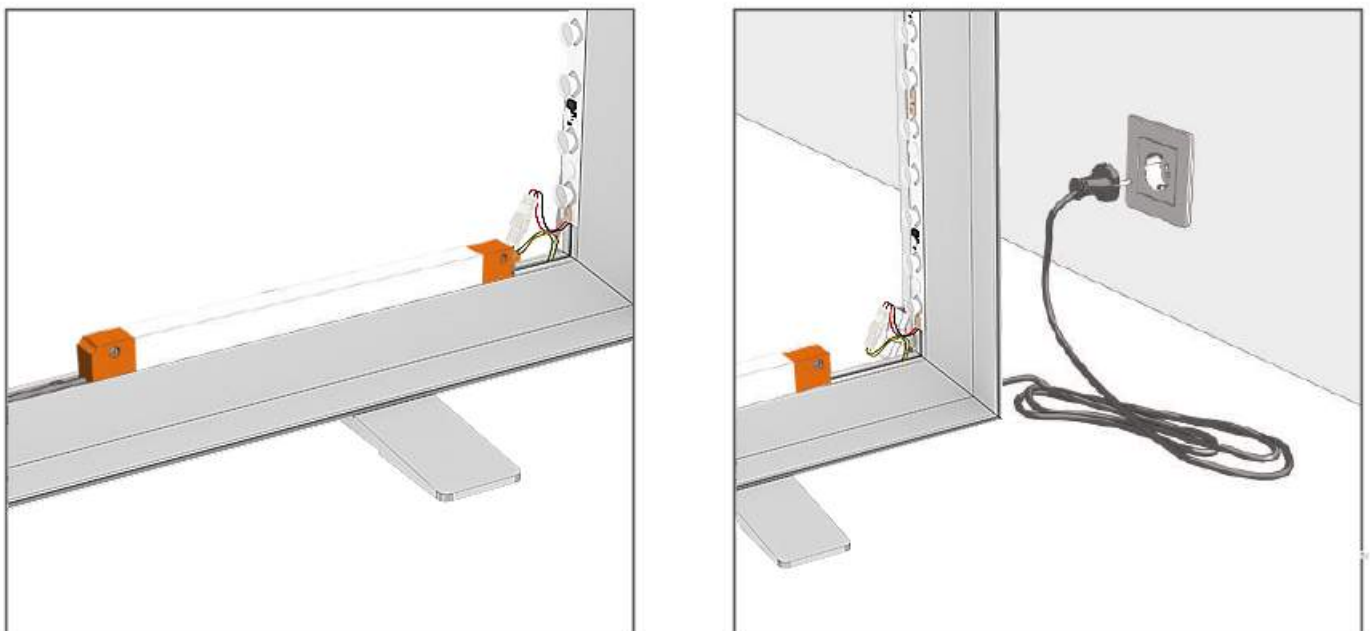
Connecting an external power supply

First connect the connectors between the frame and the power supply, then connect power cord with adapter. After that, you can insert the plug into the power.

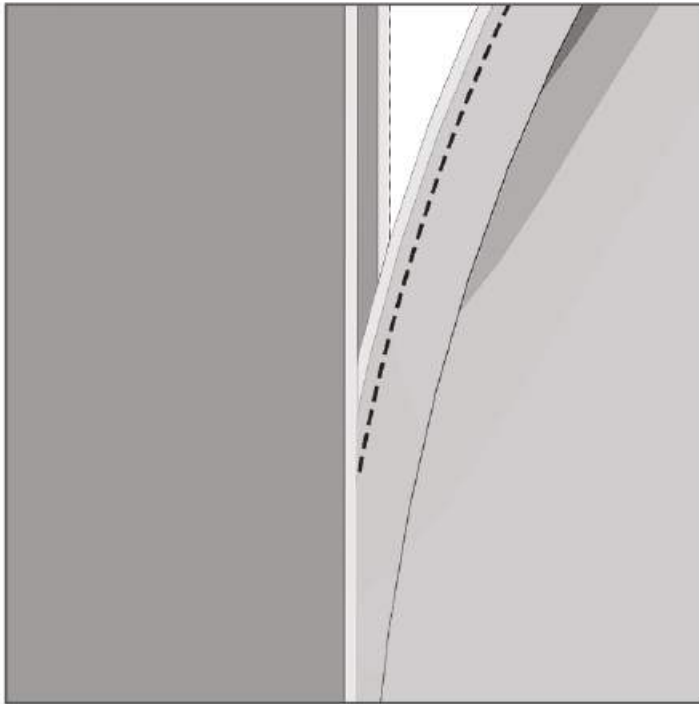


Internal power supply connection

After assembling the box and connecting the connectors inside the box, does not require connecting any other connectors. Put the plug into the power to activate the lighbox.



3. PLACING OF THE PRINT

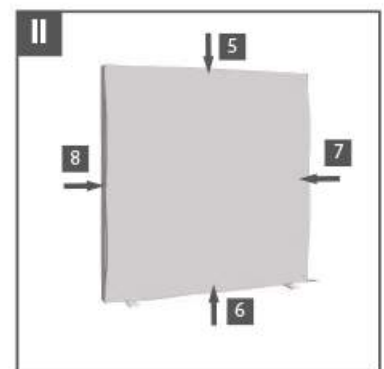
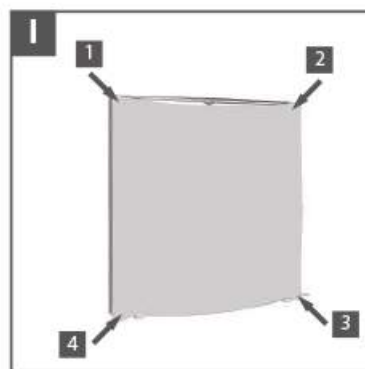
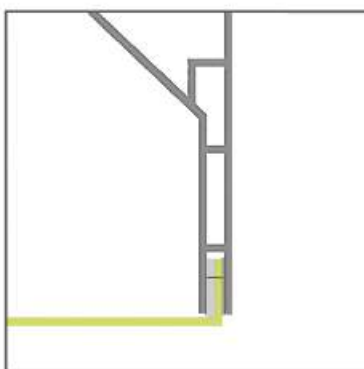
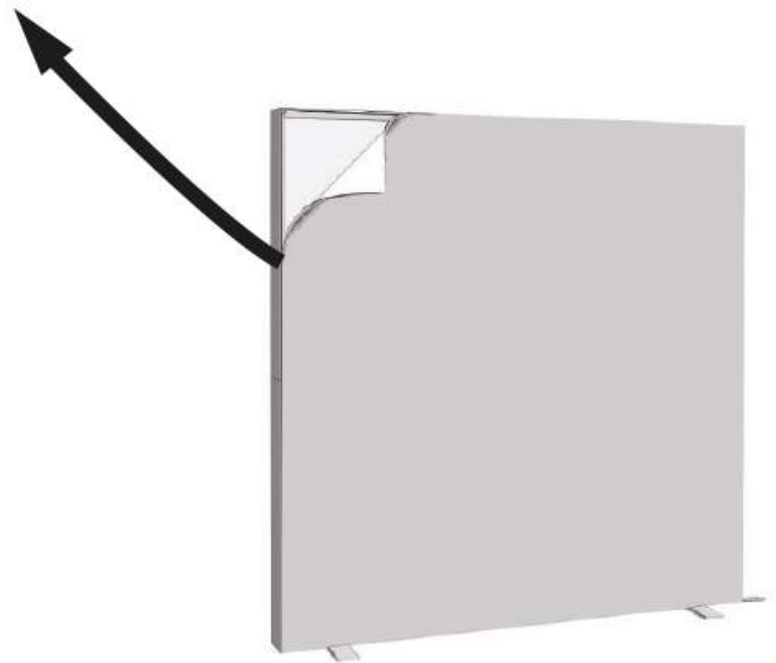


NOTE:

The printout must be placed towards the slot in the profile seam

NOTE:

The printout should be placed in the first sequence in all corners, then in the remaining frame parts (**picture I and II**)



4. HANGING ADFRAME LMD ON THE WALL



1. To hang the LMD light box on the wall, you will need the following hanger:



2. Place the hanger against the wall as shown in the photo below and fix it to the wall with screws (remember to level the hanger properly).

Depending on the material the surface on which the light box will be hung, it may be necessary to drill holes and install dowels before screwing the hanger to the wall.

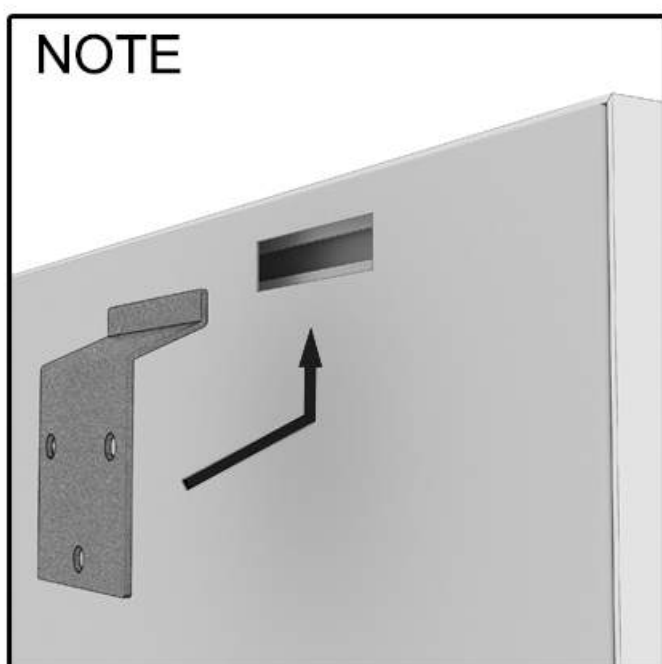


An example of installing the hanger on a wooden wall.

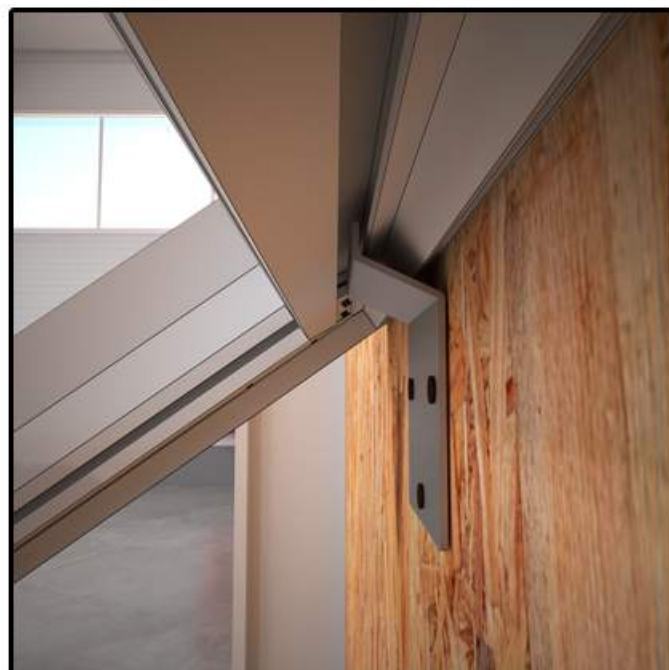


3. When we attach a sufficient number of hangers to the wall (at least 2 horizontally), we can hang the light box on it. The hanger should be inserted into the rear edge of the profile.

NOTE: if the light box has a blackout, it will be necessary to make holes in it in order to install the hanger.



The opening on the back of the LMS profile must be pushed over the protruding edge of the hanger.



4. If we want the coffer to be fixed to the wall 'ridigly', and not to hang like a painting, then we should repeat steps 1-3 for the side and bottom edges.

With the proviso that we first insert the hanger into the edge of the profile, then attach it to the wall with screws.



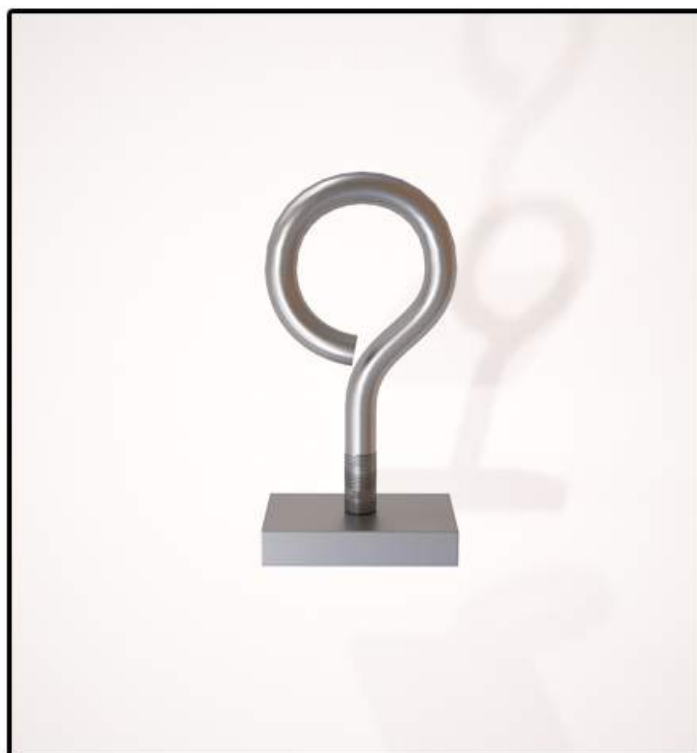
Due to the order specification, the LMS Light box is prepared for internal (1) or external (2) connection.
Be sure to check your socket placement,
before instalation.



HOW TO HANG ADFRAME LMS ON THE CEILING HORIZONTALLY



1.To suspend the LMS light box from the ceiling,
use the following connector



2. Insert the ready connector into the rear edge of the profile.
Remember that this must be done before putting the entire
light box together.



The minimum number
of hangers with this
solution is 4 pieces.



3. Move the fastener to the right place (1)
and tighten it to secure it (2)



4. Then we pass a steel rope, carabiner or other chain through the eyelet, on which the panel will be suspended.