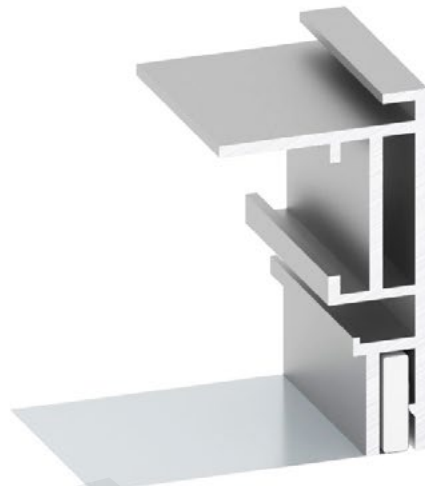




AL 45 h55

Used with EXPO or MINI harpoon

new

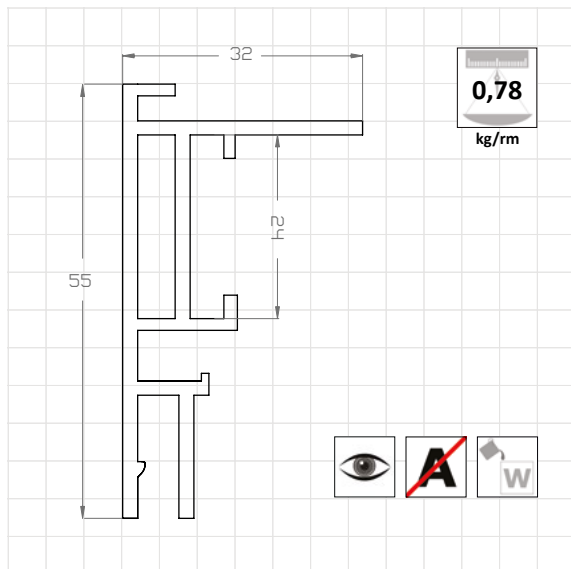
New aluminium profile is ideal for manufacturing **Thin Backlit Frames**. This profile is a special solution for cases where light panels with minimal thickness but effective luminous flux are required.

ADVANTAGES

- The profile height is only 55 mm.
- Min panel size is 300x300 mm.
- Used with Mini and EXPO harpoon. Membrane can be easily replaced when used with EXPO.
- The profile is available from stock in Mill Finish and White color. Custom requests for matte and glossy painting in various RAL colours are welcome.
- Designed for use with LED Plates.
- Can also be used for non-illuminated acoustic panels.
- Bending is possible with diameter starting from 1500 mm.
- Double layer stretch membrane usage is possible (usually for dust protection purposes).



PROFILE REAL-SIZE DIMENSIONS

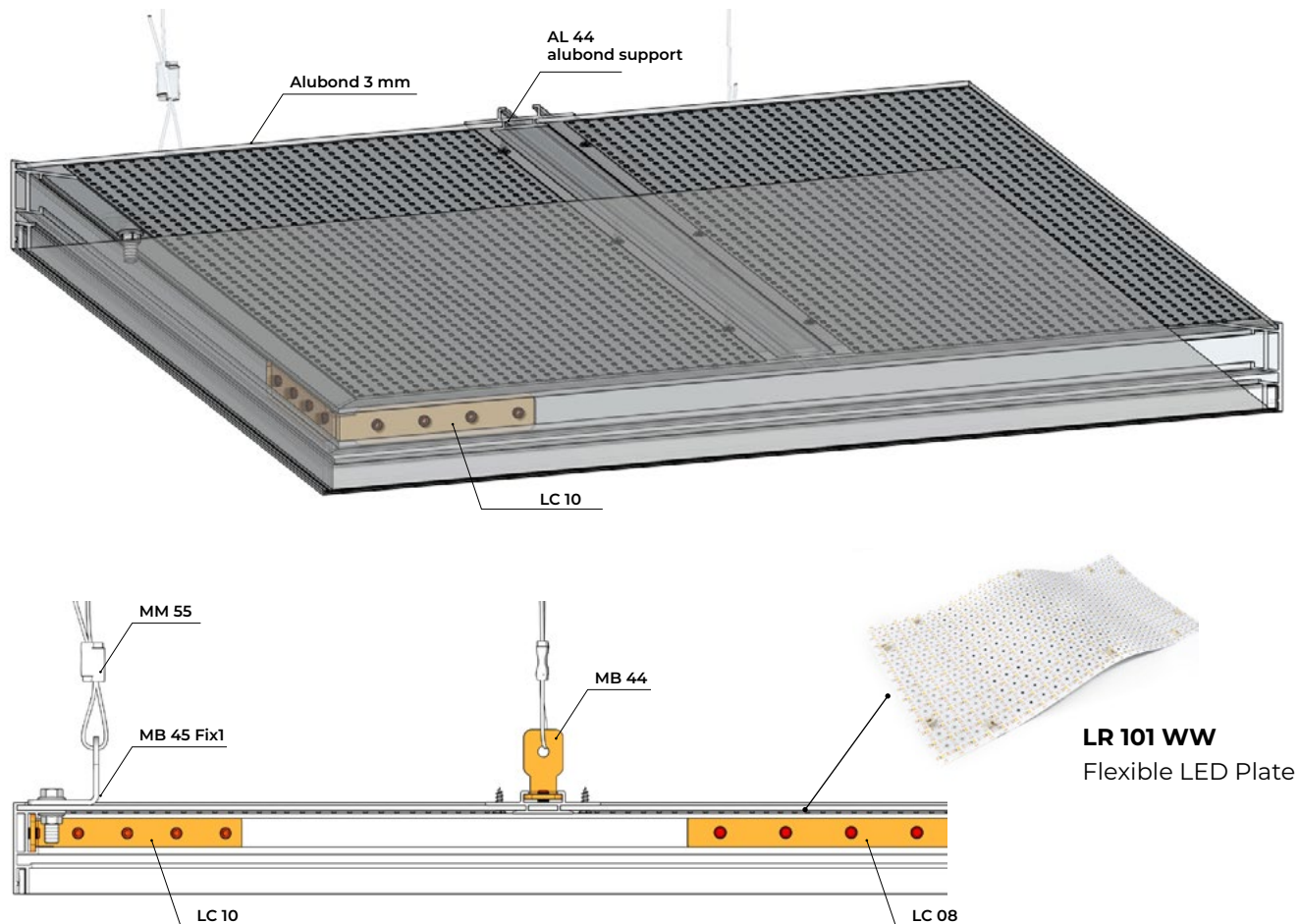


Its design achieves an optimal balance between weight and rigidity, which simplifies installation and transport while ensuring the reliability of the finished product.

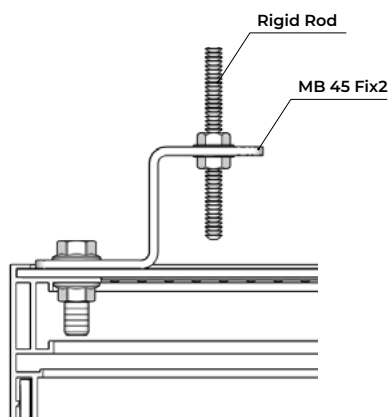
Despite its light weight, this profile is strong enough to create frames of various sizes. The minimum size on one side of the frame can be 300 mm, which makes it possible to create light, narrow, but at the same time long luminaires.

MIN Panel Size - 300x300 mm

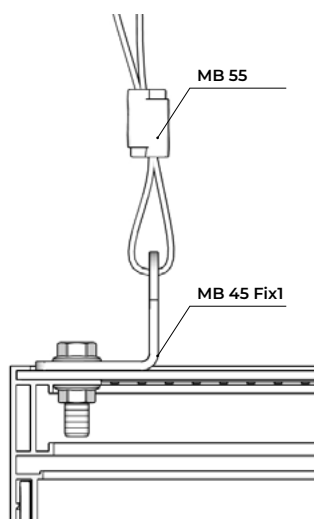
FRAME Structure



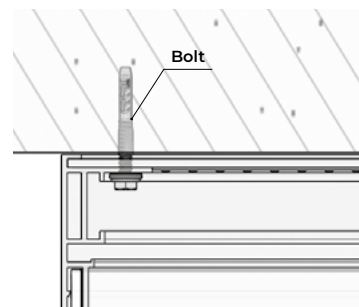
FRAME MOUNTING



Pendant Rigid suspension

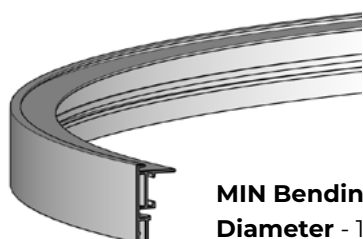


Flexible Wire pendant

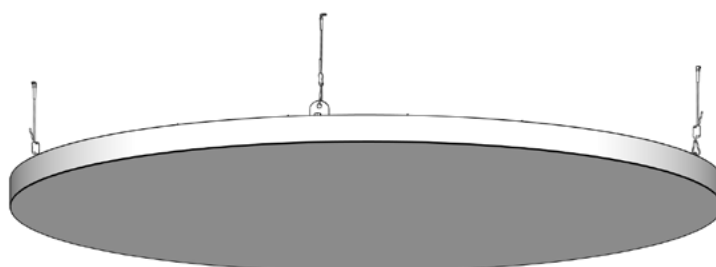


**Straight Mounting
to Base Ceiling or a Wall**

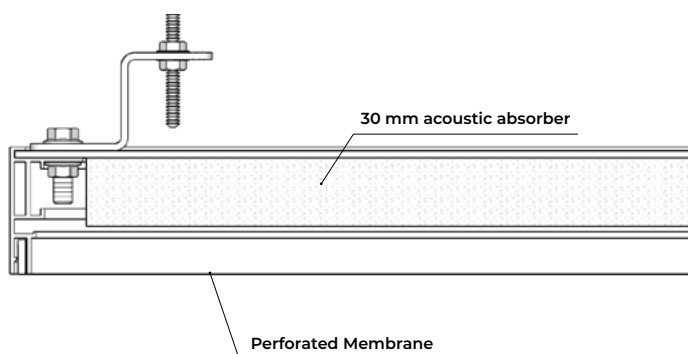
BENDING



**MIN Bending
Diameter - 1500 mm**



ACOUSTIC FRAME



Creating acoustic structures is one of the possibilities of using this profile. For this purposes suits 30 mm acoustic foam as a noise absorber.

RECOMMENDATIONS FOR USE

We recommend using LR 101 WW - Flexible LED plates as a light source, as they provide uniform and bright light with a minimum height to the diffusing membrane.

One of the important advantages of these light mats is their high **CRI $\geq$ 97 (Ra $\geq$ 94, R9 $\geq$ 88)**, which means improved colour rendering in the interior, with **RED COLOR** becoming particularly bright and natural.



LR 101 WW
Flexible LED Plate



- **Retail chains, showrooms, shops**

Ceiling lights and light walls for illuminating shop windows displaying goods, jewellery or for use in car showrooms.

- **Thin Advertising Lightboxes**

Creation of advertising, informational or decorative lighting elements with easy diffuser replacement.

