



AL 45 h55

Used with EXPO or MINI harpoon

New aluminium profile Ideal for manufacturing thin light frames. Its design achieves an optimal balance between weight and rigidity, which simplifies installation and transport while ensuring the reliability of the finished product.

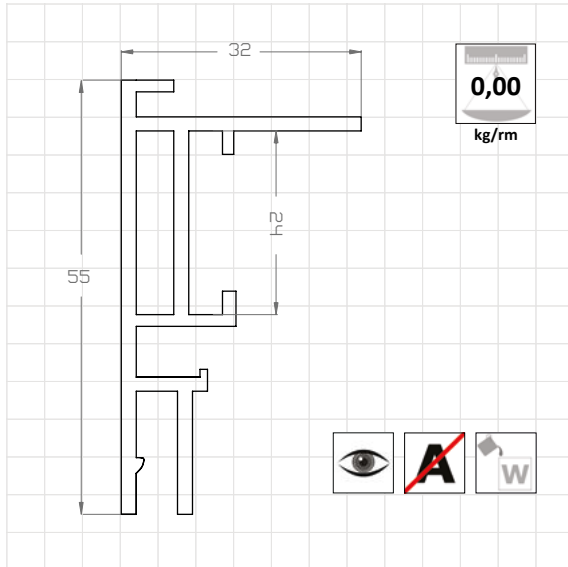
ADVANTAGES

- The profile height is only 55 mm.
- When used with the EXPO harpoon, the diffuser can be easily replaced.
- Both single and double layers of film can be used.
- The profile is available from stock in Mill Finish and White. Custom requests for matte and glossy painting in various RAL colours are welcome.
- Designed for use with LED Plates or LED Strips.
- Can also be used as a non-illuminated acoustic panel.

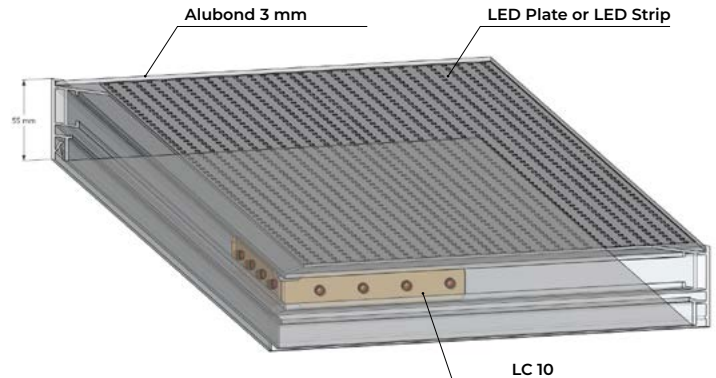
EXAMPLES OF USING THIS PROFILE



PROFILE REAL-SIZE DIMENSIONS



FRAME Structure



This profile is a special solution for cases where light panels with minimal thickness but effective luminous flux are required. 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 20 cm, which makes it possible to create light, narrow, but at the same time long luminaires.

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 becoming particularly bright and natural.

RECOMMENDATIONS FOR USE

- **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.