



AL 46 h80

Used with EXPO or MINI harpoon

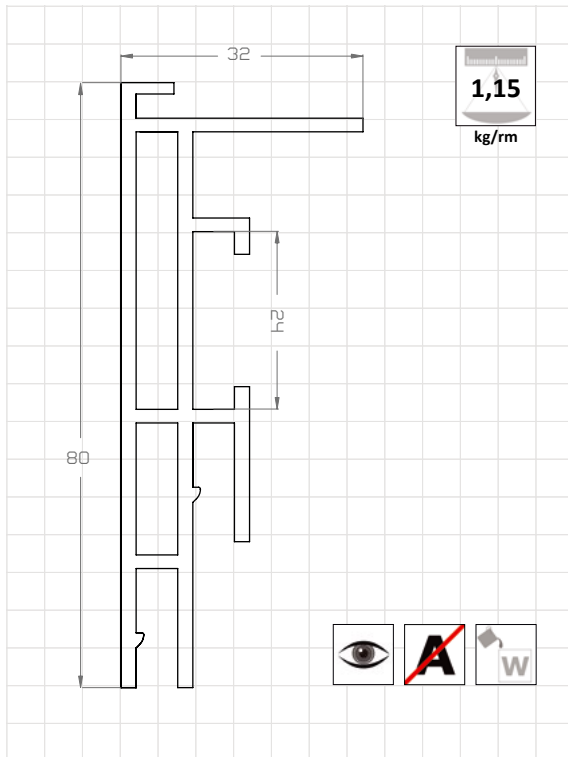
new

Perfectly suited for manufacturing light boxes. Its design achieves an optimal balance of weight and rigidity, which simplifies assembly, installation, and transportation while ensuring the reliability of the finished product.

MAIN FEATURES

- Compact Profile - 80 mm depth.
- Compatible with both Mini and EXPO harpoon systems. Using the EXPO harpoon allows for quick, effortless membrane replacement.
- Ready-to-ship from stock in Mill Finish or Powder-Coated White. Custom matte and glossy options in any RAL color available upon request.
- Used with LR79 Pro LED modules.
- Works equally well as a non-illuminated frame for acoustic panels.
- Supports custom bending with a minimum diameter starting from 1500 mm.
- Dual-Layer Support. Compatible with double-layer stretch membranes to prevent internal dust accumulation or achieve a smoother, more homogeneous light distribution.



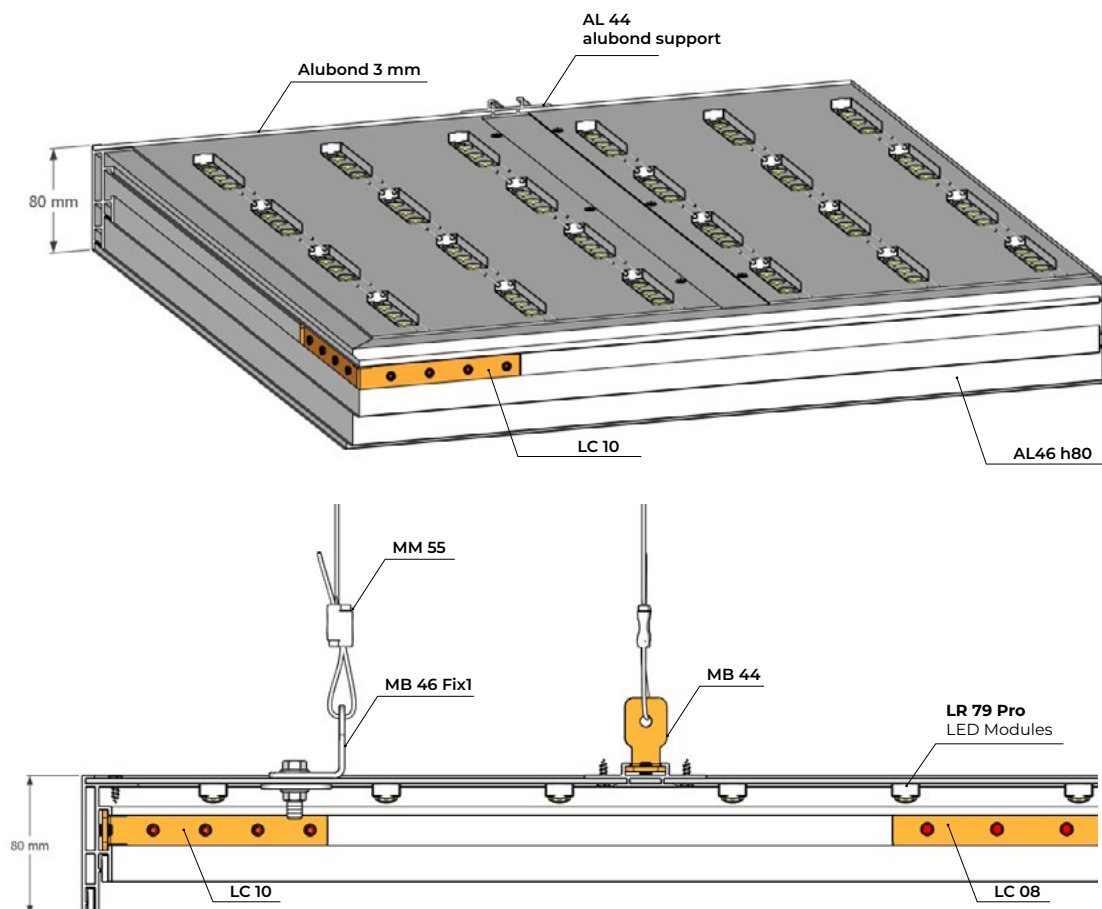


PROFILE REAL-SIZE DIMENSIONS

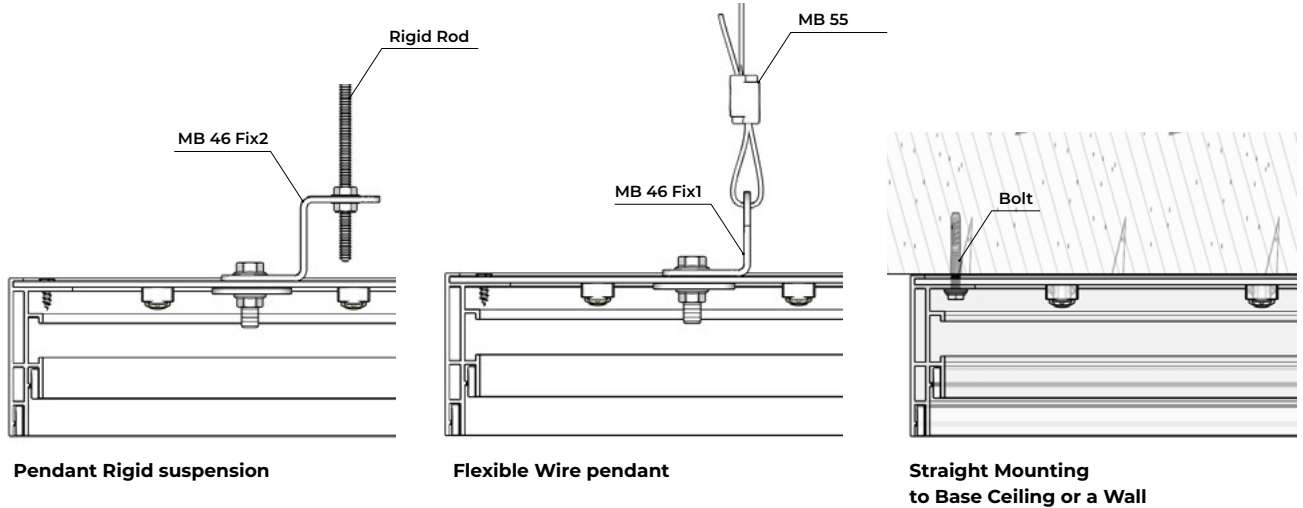
Engineered for an ideal strength-to-weight ratio, this profile streamlines handling and mounting without compromising durability. Lightweight yet robust, it easily accommodates diverse frame dimensions.

To support Dibond/ACM backing panels and prevent sag on larger builds, the frame can be further reinforced with the AL44 profile.

FRAME Structure



FRAME MOUNTING

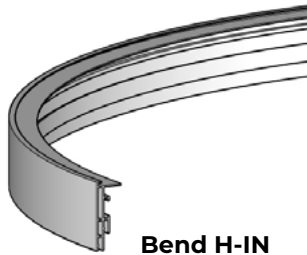


BENDING

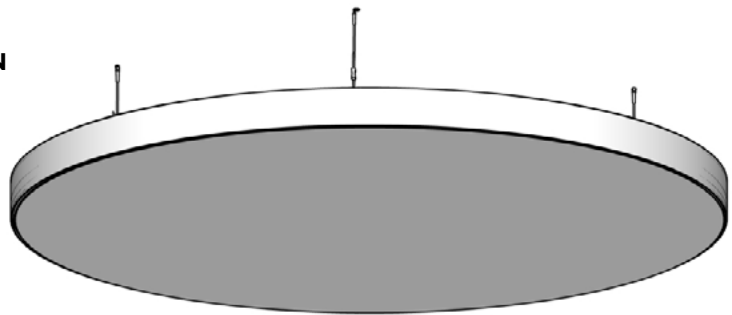
Bend H-OUT



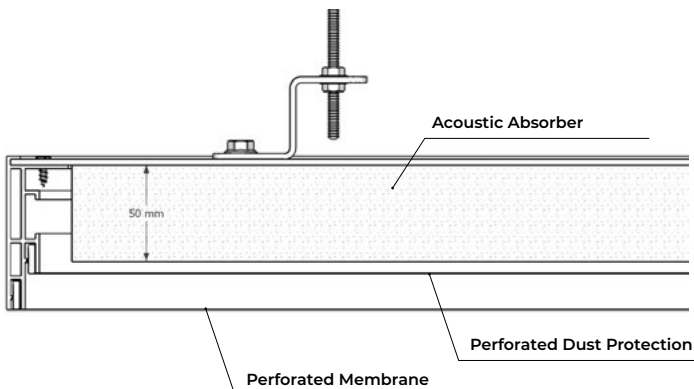
Bend H-IN



MIN Bending Diameter - 1500 mm



ACOUSTIC FRAME



Creating acoustic structures is one of the key applications for this profile. For optimal sound absorption, perforated membranes and 50 mm acoustic foam are ideal for this purpose.

LIGHT SOLUTION



LR 79 Pro

Our upgraded LED module LR 79 Pro is now featuring a premium **CRI > 97** rating. It captures natural tones and fine details with zero distortion.

The perfect choice for galleries, showrooms, and lightboxes where flawless aesthetics are essential.

Compact, energy-efficient, and reliable — create vibrant lighting solutions that reveal the true beauty of any space.

HIGH CRI ≥ 97

ALL COLOR spectrum

High Office
Lighting Lux Level

700 LUX
AT WORKPLACE



Basic CRI 70



Standard CRI 80



High-Definition CRI 95+

Recommended in frames with height from **6 up to 15 sm** inner space from led to membrane.

Engineered for exceptional luminous efficacy, the updated LEDs consistently **supply 700 Lux across working sur-faces.**

