

Recessed LED Aluminum Channel Profile, 31x10mm, Fits Up to 12mm LED Strip

OVERVIEW

The 5-LW2310A is a recessed aluminum channel profile measuring 31x10mm (1.21" x 0.38"), designed to house and protect LED flexible strip lighting in wall, ceiling, or surface-recessed installations. Constructed from 6063-T5 aluminum with a high-standard anodized finish, it accommodates LED strips up to 12mm wide and is available in Silver Anodized, White Painted, and Black Anodized finishes. Compatible diffusers (transparent, milky/opal, and black) push-fit into the channel; the milky diffuser transmits 86% of light output for uniform illumination with reduced hotspots.

The profile operates across a wide temperature range of -50°C to 100°C and is available in lengths up to 13.2 ft (4m). Mounting clips and end caps are included accessories. The channel is compatible with recommended LED strip models operating at 12V or 24V DC, with strip options rated up to 18W/m, 1,555–2,302 lm/m, CRI >80, and a rated lifespan exceeding 50,000 hours.

No certifications are confirmed in the available source data. Consult your Poli LED & Signs representative for compliance documentation applicable to your project specifications.

SPECIFICATIONS

Operating temp	-50 to 100 °C
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MOUNTING

