

Surface Mount Aluminum LED Channel Profile, 23x10mm Anodized, Up to 4m Lengths

OVERVIEW

The 5-LW2310 is a surface-mount aluminum LED channel profile measuring 23x10mm, constructed from 6063-T5 aluminum with a high-standard anodized finish. Designed for contractors and installers, it provides a clean, professional housing for LED flexible strip installations in commercial and architectural lighting applications. Available lengths include 1m, 2m, 2.5m, 3m, and 4m (max 13.2 ft).

The profile accommodates LED flexible strips up to 18mm wide and functions as both a heat sink and physical protection for the strip. The PC milky diffuser transmits 86% of light output with medium coefficient diffusion, producing uniform brightness while eliminating visible LED hotspots. The channel is rated for operating temperatures from -50°C to 100°C. Finish options include Silver Anodized (standard), White Painted, and Black Anodized. Diffuser options include Transparent, Milky (opal), and Black.

No certifications are confirmed in the available source documentation for this product. Contractors should verify compliance requirements with their local jurisdiction prior to specification. Contact Poli LED & Signs for warranty terms and project-quantity availability.

SPECIFICATIONS

Operating temp	-50 to 100 °C	Dimensions	23.5 x 21.4 x 9.7 mm (W x D x H)
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