

Surface Mount Aluminum LED Profile, 12×13mm Anodized, 98" (2.5m) Length

OVERVIEW

The 5-LW1213 is a surface mount aluminum LED profile with a 12×13mm cross-section, designed to house and protect LED flexible strips up to 9mm wide in commercial and architectural lighting installations. Constructed from 6063-T5 aluminum with a high-standard anodized finish, it functions as both a heat sink and a physical enclosure for the LED strip, and is available in silver anodized, white painted, and black anodized finishes. Standard lengths run from 1m up to a maximum of 4m (13.2 ft).

The profile is compatible with a milky PC diffuser that transmits 86% of light output with medium coefficient diffusion, providing uniform brightness and reducing visible LED hot spots. Diffuser options include transparent, milky (opal), and black. The assembly method is push-in, and the profile is rated for operating temperatures from -50°C to 100°C. Inner channel width is 0.37" (9.5mm), accommodating standard flexible strip widths up to 9mm.

SPECIFICATIONS

Operating temp	-50 to 100 °C	Dimensions	12.5 x 13.5mm (0.49 x 0.53 in), channel depth 9.5mm (0.37 in)
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