

Surface Mount Aluminum LED Channel Profile, 16mm x 12mm, 10 ft (3m)

OVERVIEW

The 5-LW1612-10 is a surface-mount aluminum LED channel profile measuring 16mm wide by 12mm tall, supplied in a 10 ft (3m) length. It is designed to house and protect LED flexible strips up to 10mm wide, providing both a finished appearance and passive heat dissipation for strip lighting installations in commercial and architectural applications.

Constructed from 6063-T5 aluminum with an anodized silver finish, the extrusion offers structural protection and serves as a heat sink for the LED strip. The included milky PC diffuser transmits 86% of light output with medium coefficient diffusion, producing uniform illumination and reducing visible LED hot spots. The profile is rated for operating temperatures from -50°C to 100°C. Diffuser options include transparent, milky (opal), and black. Finish options include silver anodized, white painted, and black anodized. Assembly is accomplished via push-in diffuser installation.

SPECIFICATIONS

Operating temp	-50 to 100 °C	Dimensions	16.2 x 12.1 mm cross-section (interior channel width 11.3 mm); lengths available: 1 m, 2 m, 2.5 m, 3 m, 4 m
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