

Drywall LED Aluminum Profile, Edge Mount, Silver Anodized, 15.2mm Wide, 3m Length

OVERVIEW

The 5-LDW1516E is an aluminum LED channel profile from the LDW Drywall Series, designed for edge-mount drywall installations. It provides a clean, recessed housing for LED flexible strip lighting along wall or ceiling drywall edges, delivering a seamless finished appearance in commercial and residential construction applications.

Constructed from 6063-T5 aluminum with a silver anodized surface finish, the profile measures 15.2mm outer width and 16.5mm in height, with a 38.2mm wing span for secure drywall integration. It accommodates LED strip tape up to 12mm wide and is available in lengths up to 4m (13.2 ft), with the standard configuration offered at 3m. A milky PC diffuser is included, providing 86% light transmission with medium coefficient diffusion via push-in assembly. The profile is rated for operating temperatures from -50°C to 100°C and functions as both a heat sink and physical protection for the LED strips.

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

SPECIFICATIONS

Operating temp	-50 to 100 °C	Dimensions	38.2 x 16.5 mm cross-section; interior channel width 12.6 mm; available lengths: 1 m, 2 m, 2.5 m, 3 m, 4 m (max 13.2 ft)
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