

Trimless Drywall LED Aluminum Profile, Anodized Black, 68mm Wide, 14mm Height

OVERVIEW

The 5-LDW2514-BK is a trimless drywall aluminum LED profile designed for recessed architectural lighting installations in commercial and residential construction. Measuring 68.4mm (2.69") wide by 14mm (0.55") tall, it accepts LED flexible strips up to 21mm wide and integrates flush into drywall assemblies for a clean, borderless appearance. The anodized black finish provides a low-profile aesthetic suited to modern interior specifications.

Constructed from 6063-T5 aluminum extrusion with a high-standard black anodized surface treatment, the profile functions as both a heat sink and physical protection for installed LED strips. The included milky PC diffuser transmits 86% of light output with medium coefficient diffusion, producing uniform brightness while eliminating visible LED hot spots. The profile is rated for operating temperatures from -50°C to 100°C and is available in lengths up to 4m (13.2 ft).

No certifications are confirmed in the available source documentation for this product. Contractors should verify applicable local code compliance prior to specification. Consult Poli LED & Signs for warranty terms and project-specific availability of lengths and diffuser options.

SPECIFICATIONS

Operating temp	-50 to 100 °C	Dimensions	68.4 x 14 mm (2.69" x 0.55") cross-section; width at base 21 mm (0.83"); inner channel width 10 mm (0.39"); overall height 24.5 mm (0.96"); max length 4 m (13.2 ft)
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