

Corner Aluminum LED Profile Channel, 16x16mm Anodized, Fits Up to 10mm Strip

OVERVIEW

The 5-LC16-10 is a 16x16mm corner aluminum LED profile channel designed for housing flexible LED strip lighting in 90-degree corner installations. Constructed from 6063-T5 aluminum with an anodized silver finish, it provides both passive heat dissipation and physical protection for strips up to 10mm wide. Available in lengths up to 13.2 ft (4m), it is suited for architectural accent lighting, cove lighting, and trim applications in commercial and residential construction.

The profile ships with a milky PC diffuser that transmits 86% of light output with medium coefficient diffusion, producing uniform illumination that minimizes visible LED hotspots. The diffuser installs via a push-in method. The channel is rated for operating temperatures from -50°C to 100°C. Finish options include standard anodized silver, 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 and specifiers should verify compliance requirements with Poli LED & Signs prior to procurement. No warranty terms are stated in the current source data.

SPECIFICATIONS

Operating temp	-50 to 100 °C	Diffuser Light Transmission	86 %
Dimensions	16 x 16 mm (0.64" x 0.64") depth 0.42" (10.7 mm)	Diffuser Colors	Transparent, Milky (opal), Black
Length Max	13.2 ft (4 m)	Profile Finish Colors	White Painted, Silver Anodized (standard), Black Anodized
Material	6063-T5 aluminum, anodized	Max Strip Width	10mm
Diffuser Material	PC (polycarbonate)	Assembly Method	Push in