

Corner Mount Aluminum LED Channel Profile, 16x16mm Anodized, Up to 13.2 ft

OVERVIEW

The 5-LC16 is a 16x16mm corner-mount aluminum channel profile designed to house and protect LED flexible strip installations in 90-degree corner applications. Constructed from 6063-T5 aluminum with an anodized silver finish, it provides a clean, finished appearance while directing light output along wall corners, cabinet edges, and architectural transitions. Available lengths run up to 13.2 ft (4m), and the profile accommodates LED strips up to 10mm in width.

The extrusion serves as both a heat sink and physical shield for the LED strip, extending operational life by dissipating thermal load. The included milky PC diffuser transmits 86% of light output with medium coefficient diffusion, producing uniform illumination that eliminates visible LED hotspots. 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. The diffuser installs via a push-in method.

No certifications are confirmed in the available source documentation for this product. Contractors and specifiers should verify compliance requirements with their local jurisdiction prior to installation. No warranty terms are stated in the available source data.

SPECIFICATIONS

Operating temp	-50 to 100 °C	Dimensions	16 x 16 mm (0.64" x 0.64"), channel depth 0.42" (10.7 mm)
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