

Recessed Aluminum LED Channel Profile, 22x7mm Anodized, Up to 13.2 ft Length

OVERVIEW

The 5-LW1606A-10 is a recessed aluminum LED channel profile with a 22x7mm cross-section, designed to house and protect LED flexible strip lighting in commercial and residential installations. Constructed from 6063-T5 aluminum with a standard anodized silver finish, it accommodates strip widths up to 11mm and is available in lengths up to 13.2 ft (4m). The profile ships with a milky PC diffuser that provides uniform light distribution while reducing visible LED hot spots.

The anodized aluminum construction serves as both a heat sink and physical protection for the LED strips. The included milky diffuser delivers 86% light transmission with medium coefficient diffusion, installed via a push-in assembly method. The profile is rated for operating temperatures from -50°C to 100°C. Finish options include silver anodized, white painted, and black anodized, with diffuser options in transparent, milky (opal), and black.

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

SPECIFICATIONS

Operating temp	-50 to 100 °C	Dimensions	22 x 7 mm (0.86 in x 0.27 in), max length 13.2 ft (4 m)
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