

## 10x10mm Surface Mount Aluminum LED Channel Profile, Anodized, 4m Max Length

### OVERVIEW

The 5-LW1010 is a 10x10mm surface-mount aluminum LED channel profile designed to house and protect flexible LED strip lighting in commercial and residential installations. Constructed from 6063-T5 aluminum with a high-standard anodized finish, it provides both a heat sink function and physical protection for LED strips up to 12mm wide. Available in Silver Anodized, White Painted, and Black Anodized finishes, with lengths up to 13.2 ft (4m).

The profile ships with a milky PC diffuser that transmits 86% of light output with medium coefficient diffusion, producing uniform brightness while eliminating visible LED hotspots. The push-in diffuser assembly method simplifies installation. The channel is rated for operating temperatures from -50°C to 100°C, making it suitable for a wide range of indoor and outdoor environments. Diffuser options include transparent, milky (opal), and black.

No certifications have been confirmed in the available product documentation. Contractors and specifiers should verify applicable code compliance requirements for their jurisdiction prior to installation. Warranty terms are not specified in the current product documentation; contact Poli LED & Signs for details.

### SPECIFICATIONS

<b>Operating temp</b>	-50 to 100 °C	<b>Dimensions</b>	10 x 10 mm (W x H), outer profile; diffuser width 8.5 mm, outer width 10.8 mm, depth 10.2 mm mm
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