

## Black Anodized Aluminum LED Channel Profile, 22x14mm, 2500mm Length

### OVERVIEW

The 5-LCA2214-BK is a black anodized aluminum LED channel profile measuring 22mm wide by 14mm tall with a 2500mm (approximately 8.2 ft) length. Constructed from 6063-T5 aluminum with a high-standard black anodized surface finish, it provides both heat dissipation and physical protection for installed LED flexible strips up to 12mm in width. The profile accepts a push-in milky PC diffuser capable of 86% light transmission with medium coefficient diffusion, producing uniform brightness while reducing visible LED hot spots.

The channel is rated for an operating temperature range of -50°C to 100°C, making it suitable for a wide range of interior and exterior installation environments. Mounting is accomplished via clip-based assembly, securing the profile into a pre-cut groove without additional fasteners.

No certifications are confirmed in the available source data. Contractors should verify compliance requirements with the project specification prior to procurement.

### SPECIFICATIONS

<b>Operating temp</b>	-50 to 100 °C	<b>Material</b>	6063-T5 Aluminum
<b>Dimensions</b>	0.87 x 0.55 in (22 x 14 mm) outer; 0.79 x 0.49 in (20 x 12.4 mm) inner		