

## Black Anodized Aluminum LED Channel Profile, 12x13mm Surface Mount, 98in

### OVERVIEW

The 5-LW1213-BK is a black anodized aluminum LED channel profile designed for surface-mount LED strip installations. Constructed from 6063-T5 aluminum with a high-standard black anodized finish, it provides both heat dissipation and physical protection for LED flexible strips up to 9mm wide. The profile measures 12mm wide x 13mm tall with a 9.5mm inner width, and is supplied in a 2.5m (98 in) length.

The included milky PC diffuser transmits 86% of light output with medium coefficient diffusion, producing uniform illumination while minimizing visible LED hot spots. The profile is rated for operating temperatures from -50°C to 100°C and is compatible with standard LED strip widths up to 9mm. Two installation methods are supported, and the profile is available in lengths up to 4m (13.2 ft).

### SPECIFICATIONS

<b>Operating temp</b>	-50 to 100 °C	<b>Dimensions</b>	12 x 13 mm (0.49 in x 0.53 in)
-----------------------	---------------	-------------------	--------------------------------