

## Black Anodized Aluminum LED Channel Profile, 16x7mm Surface Mount, 3m Length

### OVERVIEW

The 5-LW1606-10-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 measures 16x7mm in cross-section and accommodates LED flexible strips up to 11mm in width. At 3m (9.84ft / 118in) per unit, it provides both a heat sink function and physical protection for the LED strip.

The profile ships with a milky PC diffuser cover that transmits 86% of light output with medium coefficient diffusion, producing uniform brightness while eliminating visible LED hot spots. The diffuser installs via a push-in method. Rated for a working temperature range of -50°C to 100°C, the profile is suitable for demanding indoor and outdoor environments. Available finish options include silver anodized, white painted, and black anodized.

### SPECIFICATIONS

<b>Operating temp</b>	-50 to 100 °C	<b>Dimensions</b>	16 x 7 mm cross-section, up to 13.2 ft (4 m) length
-----------------------	---------------	-------------------	---