

## Black Anodized Surface Mount Aluminum LED Channel Profile, 17mm x 7mm, 3m

### OVERVIEW

The 5-LW1707A-BK is a black anodized aluminum LED channel profile designed for surface-mount linear lighting installations. Constructed from 6063-T5 aluminum with a high-standard black anodized finish, it provides both heat dissipation and physical protection for LED strip installations. The profile accommodates flexible LED strips up to 12mm wide and is available in lengths up to 13.2 ft (4m). Compatible diffusers include transparent, milky/opal, matt opal, and black options; mounting clips and end caps are available as accessories.

When paired with compatible LED strip, the profile supports strips rated up to 18W/m with an output of 1,555 lm/m and a rated lifespan exceeding 50,000 hours. Strip compatibility includes IP20 and IP65 protection classes operating on 12V or 24V DC.

### SPECIFICATIONS

<b>Profile Material</b>	6063-T5 aluminum	<b>Max Strip Width</b>	12 mm
<b>Profile Dimensions Mm</b>	25 x 7 mm	<b>Diffuser Material</b>	PC and PMMA (Bayer material)
<b>Max Length</b>	13.2 ft	<b>Diffuser Options</b>	Transparent, Milky/Opal, Matt Opal, Black
<b>Available Lengths</b>	1m, 2m, 2.5m, 3m, 4m	<b>Finish Options</b>	White Painted, Silver Anodized, Black Anodized

### MOUNTING

