

## Surface Mount Aluminum LED Channel Profile, 17mm x 7mm, Up to 4m Length

### OVERVIEW

The 5-LW1707 is a surface-mount aluminum LED channel profile measuring 17mm wide by 7mm tall, available in lengths of 1m, 2m, 2.5m, 3m, and 4m (max 13.2 ft). Constructed from 6063-T5 aluminum with a high-standard anodized finish, it provides both heat dissipation and physical protection for LED flexible strips up to 12mm wide. Finish options include Silver Anodized (standard), White Painted, and Black Anodized.

The profile is compatible with LED flexible strips rated at 12–24V DC, with configurations supporting up to 18.72W/m and outputs up to 2,302 lm/m. Diffusers are available in Transparent, Milky/Opal, Matt Opal, and Black, manufactured from UV-resistant Bayer-grade PC and PMMA materials. Compatible LED strips carry a rated lifespan exceeding 50,000 hours and are available in IP20 and IP65 protection ratings.

No certifications are confirmed in the available source documentation. Contractors and specifiers should verify compliance requirements for their jurisdiction prior to installation. No warranty terms are stated in the provided product data.

### SPECIFICATIONS

<b>Profile Material</b>	6063-T5 aluminum	<b>Compatible Strip Models</b>	BF2835120L1, BF2835120L2, BF2835180L20 BF283518212
<b>Profile Dimensions</b>	17 x 7 mm (0.67 in x 0.28 in)	<b>IP rating</b>	IP20
<b>Max Strip Width</b>	12 mm (0.49 in)	<b>Input voltage</b>	12 V DC
<b>Available Lengths</b>	1 m, 2 m, 2.5 m, 3 m, 4 m	<b>Power</b>	18 W/m
<b>Max Length</b>	4 m	<b>Luminous flux</b>	1555 lm/m
<b>Finish Options</b>	Silver Anodized (standard), White	<b>CRI</b>	80
<b>Diffuser Materials</b>	PC and PMMA (Bayer material), UV resistant	<b>Rated life</b>	50000 h
<b>Diffuser Options</b>	Transparent, Milky/Opal, Matt Opal, Black		

### MOUNTING