

## Surface Mount Aluminum LED Channel Profile, 18mm x 15mm, Anodized

### OVERVIEW

The 5-LW1815 is an anodized aluminum LED channel profile designed for surface-mount installation of flexible LED strip lighting. Constructed from 6063-T5 aluminum with a high-standard anodized finish, it provides both heat dissipation and physical protection for LED strips up to 13mm wide. Available in Silver Anodized, White Painted, and Black Anodized finishes, it is offered in lengths up to 13.2 ft (4m).

The profile measures 18mm wide x 15mm tall and is compatible with milky or transparent PC diffusers that push in for tool-free assembly. The milky diffuser option transmits 86% of light output with medium diffusion, producing uniform brightness while minimizing visible LED hot spots. The profile is rated for operating temperatures from -50°C to 100°C, making it suitable for a range of interior and exterior applications.

### SPECIFICATIONS

<b>Operating temp</b>	-50 to 100 °C	<b>Dimensions</b>	18.5 x 15 mm (0.73" x 0.59") cross-section; lengths available: 1 m, 2 m, 2.5 m, 3 m, 4 m (max 13.2 ft)
-----------------------	---------------	-------------------	--