

## Corner Mount Aluminum LED Channel Profile, 18.7x18.7mm, 12mm Max Strip Width

### OVERVIEW

The 5-LC1818 is a corner-mount aluminum LED channel profile measuring 18.7x18.7mm, designed for surface installation along 90-degree interior corners. Constructed from 6063-T5 aluminum with a high-standard anodized finish, it accommodates LED flexible strips up to 12mm in width. Available in Silver Anodized, White Painted, and Black Anodized finishes, with diffuser options including Transparent, Milky/Opal, Matt Opal, and Black. Standard lengths run up to 13.2 ft (4m).

The profile provides passive heat dissipation and physical protection for the LED strip. Compatible LED strips operate at 12V or 24V DC, with rated outputs up to 18W/m and 1,555 lm/m at 6500K with a CRI of 80 or higher. Strips carry a rated lifespan exceeding 50,000 hours and are available in IP20 and IP65 configurations depending on strip selection.

No certifications are confirmed in the available source documentation. Contractors and specifiers should verify applicable listings and compliance requirements for their jurisdiction prior to installation.

### SPECIFICATIONS

<b>Profile Material</b>	6063-T5 aluminum	<b>Max Length Ft</b>	13.2 ft
<b>Profile Dimensions In</b>	0.74 x 0.74 in (18.7 x 18.7 mm)	<b>Finish Options</b>	White Painted, Silver Anodized, Black
<b>Profile Wall Thickness In</b>	0.06 in (1.6 mm)	<b>Diffuser Material</b>	Bayer PC and PMMA
<b>Max Strip Width Mm</b>	12 mm	<b>Diffuser Options</b>	Transparent, Milky/Opal, Matt Opal, Black
<b>Available Lengths</b>	1 m, 2 m, 2.5 m, 3 m, 4 m	<b>Diffuser Uv Resistant</b>	Yes

### MOUNTING

