

Bendable Aluminum LED Channel Profile, 15mm x 6mm, 10mm Inner Width, 10 ft

OVERVIEW

The 5-LB1506-10 is a bendable aluminum LED channel profile measuring 15mm wide by 6mm tall, constructed from 6063-T5 aluminum with a high-standard anodized finish. Designed to accommodate LED flexible strips up to 10mm in width, it is suited for architectural lighting, interior trim work, and curved or radius installations where a rigid profile is not practical. Available in silver anodized, white painted, and black anodized finishes, with a maximum single-piece length of 13.2 ft (4m).

The profile functions as both a heat sink 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. The PC diffuser cover transmits 86% of light output and is available in transparent, milky, or black. The system is rated for operating temperatures from -50°C to 100°C, and compatible LED strips carry a rated lifespan exceeding 50,000 hours.

No certifications are confirmed in the available source documentation for this profile. Buyers should verify compliance requirements with their local jurisdiction prior to specification. Contact Poli LED & Signs for warranty terms applicable to this product line.

SPECIFICATIONS

Profile Material	6063-T5 aluminum	Diffuser Light Transmission	86 %
Profile Dimensions Mm	15 x 6 mm	Diffuser Colors	Transparent, Milky (opal), Black
Max Strip Width	10 mm	Profile Colors	White Painted, Silver Anodized, Black Anodized
Max Length	4 m	Operating temp	-50 to 100°C
Diffuser Material	PC	Diffuser Assembly Method	Push in

MOUNTING

