

Recessed LED Aluminum Channel Profile, 17mm x 7mm, Up to 13.2 ft Length

OVERVIEW

The 5-LW1707A is a recessed aluminum channel profile designed to house and protect LED flexible strip lighting in commercial and residential installations. Constructed from 6063-T5 aluminum with a high-standard anodized finish, the profile measures 17mm wide by 7mm tall with an inner channel width of 12.5mm, accommodating LED strips up to 12mm wide. Available lengths include 1m, 2m, 2.5m, 3m, and 4m (max 13.2 ft). Finish options are Silver Anodized (standard), White Painted, and Black Anodized. Compatible diffusers in Transparent, Milky/Opal, Matt Opal, and Black are available separately.

The profile functions as both a heat sink and physical protection for the LED strip. When paired with the recommended BF2835120L1 strip, the system operates at 12V DC, drawing 18W/m and producing 1,555 lm/m with a CRI of 80 or higher and a rated lifespan exceeding 50,000 hours. The profile is suited for dry locations and surface-mount or recessed linear lighting applications requiring a low-profile, finished appearance.

No certifications are confirmed in the available source documentation. Contractors and specifiers should verify applicable listing requirements for their jurisdiction prior to installation. Warranty terms are not specified in the current product documentation; contact Poli LED & Signs for details.

SPECIFICATIONS

Profile Width In	0.98 in	Diffuser Material	PC and PMMA (Bayer material), UV resistant
Profile Height In	0.28 in	Max Strip Width In	0.47 in
Profile Material	6063-T5 aluminum	Available Lengths	1m, 2m, 2.5m, 3m, 4m
Finish Options	White Painted, Silver Anodized, Black	Max Length Ft	13.2 ft
Diffuser Options	Transparent, Milky/Opal, Matt Opal, Black		

MOUNTING

