

Black Anodized Aluminum LED Channel Profile, 20x15mm, 9.84 ft Length

OVERVIEW

The 5-LW2015-BK-10 is a black anodized aluminum LED channel profile measuring 20mm wide by 15mm tall, designed to house and protect LED flexible strip installations in commercial and architectural lighting applications. The extruded profile provides both a heat sink function and physical protection for the LED strips, accommodating flexible strips up to 17mm in width. Each unit ships at 9.84 ft (3m) in length.

Constructed from 6063-T5 aluminum with a black anodized surface finish, the profile is compatible with milky PC diffusers that transmit light with 86% efficiency and medium coefficient diffusion, producing uniform brightness while reducing visible LED hotspots. The system is rated for operating temperatures from -50°C to 100°C. Diffuser options include transparent, milky (opal), and black. Assembly is tool-free via a push-in diffuser retention method.

SPECIFICATIONS

Operating temp	-50 to 100 °C	Dimensions	20 x 15 mm (0.79 in x 0.59 in)
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