

Black Anodized Corner Aluminum LED Profile, 16mm x 16mm, 8.2 ft (2.5m)

OVERVIEW

The 5-LC16-BK is a black anodized aluminum corner LED channel profile designed to house and protect flexible LED strip lighting in 90-degree corner installations. Measuring 16mm x 16mm with an inner channel width of 10.5mm, it accommodates LED strips up to 10mm wide and provides both heat dissipation and physical protection for the strip. The 2.5m (8.2 ft) length suits a range of architectural, millwork, and accent lighting applications.

Constructed from 6063-T5 aluminum with a black anodized surface finish, the profile is rated for operating temperatures from -50°C to 100°C. A milky PC diffuser cover is available, offering 86% light transmission with medium coefficient diffusion and push-in assembly. The diffuser reduces visible LED hot spots and promotes uniform light output along the length of the installation.

SPECIFICATIONS

Operating temp	-50 to 100 °C	Max Strip Width	10 mm
IP rating	IP20	Diffuser Light Transmission	86 %
Material	6063-T5 Aluminum	Diffuser Material	PC
Profile Dimensions Mm	16 x 16 mm	Finish	Black Anodized
Max Length	4 m		