

Round Surface Mount Aluminum LED Profile Channel, 20x20mm, 98in Length

OVERVIEW

The 5-LW2020 is a 20x20mm anodized aluminum LED profile channel designed for surface-mount installation of flexible LED strip lighting. Constructed from 6063-T5 aluminum with a standard anodized silver finish, it accommodates LED strips up to 17mm in width and is available in lengths of 1m, 2m, 2.5m, 3m, and 4m. The profile provides both heat dissipation and physical protection for the LED strips.

The channel accepts a push-in PC diffuser available in transparent, milky (opal), and black options. The milky diffuser transmits approximately 86% of light output while producing uniform brightness and reducing visible LED hotspots. The aluminum extrusion is rated for operating temperatures from -50°C to 100°C, making it suitable for a range of interior and controlled-environment applications.

No certifications are confirmed in the available source documentation. Contractors and specifiers should verify applicable compliance requirements for their jurisdiction prior to installation. Consult Poli LED & Signs for warranty terms and project-specific quantity availability.

SPECIFICATIONS

Operating temp	-50 to 100 °C	Dimensions	20 x 20 mm profile cross-section; 0.67 in (17 mm) interior width; available lengths: 1 m, 2 m, 2.5 m, 3 m, 4 m
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