DATA SHEET

MICRO-ALU LED extrusion – SKU: EX-KL1-2

Product characteristics

The extrusion is made from high quality aluminum (also available in black double-anodized) and is designed for flexible or rigid LED strips that are 8 - 10mm wide. One of the accessories offered for the extrusion are covers that shade and protect LEDs inside the profile. There are several cover options: covers K, HS (frosted or clear), LIGER (extra frosted matte) or clear focusing cover- S, thanks to which we obtain a 60 degree light beam angle. Covers are made of polycarbonate and, additionally, HS covers are certified for excellent resistance to all weather conditions and UV radiation, as well as being flame retardant. Standard polypropylene end caps, electricity-conductive end caps and mounting brackets (made from steel with zinc or chrome finish) are used for the extrusion as supplementary accessories. End caps protect the extrusion from dust and other undesirable elements, which can make LED strips dirty and consequently deteriorate the lighting parameters. The extrusion can be mounted to surfaces with the use of double-sided adhesive tape or mounting brackets. The mounting bracket guarantees easy and secure mounting of the extrusion to a desired surface. It can also be used as a connector between extrusions. This LED fixture can also be assembled to be waterproof and have its IP 67 ingress protection rating (which describes the protection against the ingress of solids, dust and water).
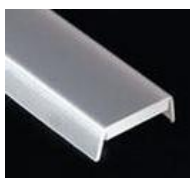
Applications

The extrusion with LED light source is mostly used as interior lighting, especially to light cabinets, stairs, glass-cases, or as a decoration light for a niche in drywall ceilings. The IP 67 version can be also used as outdoor lighting for elevations or architectural elements, gardens, etc.

Products related to the Extrusion

cover type K / KA-BIS frosted (1547/17071) clear (1548/17072) cover type LIGER frosted matte (17031)	cover type HS frosted (1369) clear (1370)	cover type S clear (00220)	end cap without hole (1059) with hole (1060)	electricity conductive end cap (1443, 42601)	mounting bracket zinc (1072) chrome matt (1345)

Technical specification

Ingress Protection Rating	IP 20 (standard), IP 67 (optional)
Available lengths	1 m / 2 m (can be cut to any size)
Material	body – aluminum, cover – polycarbonate (PC), end cap – polypropylene (PP), mounting bracket, spring – steel

0.4"
0.6"
0.2"

**sample item from the mounting system of profiles