



DATA SHEET

PDS4-ALU LED extrusion – article number B1718 / B1718ANODA

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 a few types of covers: covers K, HS (frosted or clear), LIGER (frosted matte) or clear focusing cover- S, thanks to which we obtain a 10 degree light beam angle. Covers are made of polycarbonate and additionally, HS covers are certified for excellent resistance to all weather conditions, UV radiation and are flame retardant.

Standard polypropylene end caps, electricity-conductive end caps and mounting brackets (made of 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 and can also work as a connector between two extrusions. Installation of the profile in drywall is performed using special PDS springs (index 00800). If you would like to mount a profile in an Armstrong drop ceiling with the use of PDS springs, then we recommend special safety washers (42712).

An integrated, straight line of light can be achieved by assembling the extrusion, densely spaced LEDs (minimum 140 LED per meter) and frosted HS cover or frosted matte LIGER cover (minimum 120 LED per meter) . The LED fixture can also be assembled to be waterproof and have its ingress protection rating (describes the protection against the ingress of solids, dust and water) equal to IP 67. For mounting and power supply of extrusions, the elements from the mounting system presented on www.KlusDesign.com can be used.

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.

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 (1056)
with hole (1057)



electricity conductive
end cap
(1407)



mounting bracket
zinc (1072)
chrome matt (1345)

Technical specification

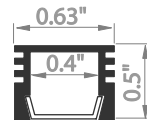




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Ingress Protection Rating	IP 20 (standard), IP 67 (optional)
Available lengths	1 m / 2 m (can be cut to any size)
Material	body – aluminum, cover – polycarbonate (PC), end cap – polypropylene (PP), mounting bracket, spring – steel



**sample item from the mounting system of profiles