



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 LED strips that are 8 - 10mm wide. There available covers are: covers KA-BIS, 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

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 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.

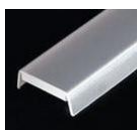
Applications

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 KA-BIS
frosted (17071)
clear (17072)
cover type LIGER
frosted matte (17031)



cover type HS
frosted (1369)
clear (1370)



cover type S
clear (00220)



end cap
without hole (1055)
with hole (1057)



electricity conductive
end cap
(1407)



black end cap
(24066)



metalized end cap
(24061)



mounting bracket
stainless steel (24190)
chrome matt (1345)



mounting bracket
plastic (24041)



adjustable mounting bracket
(24154)

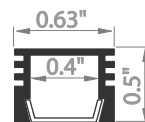


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Technical specification

| | |
|---------------------------|--|
| Ingress Protection Rating | IP 20 (standard), IP 67 (optional) |
| Product Number | B1718_1 (39.4") B1718_2 (78.7") B1718ANODA_1 (39.4") - Anodized B1718ANODA_2 (78.7") - Anodized B1718ANODA_3 (118") – Anodized B1718K7_1 (39.4") – Black B1718K7_2 (78.7") - Black |
| Material | body – aluminum, cover – polycarbonate (PC), end cap – polypropylene (PP), mounting bracket, spring – steel |



**sample item from the mounting system of profiles