



DATA SHEET

PDS4-ALU LED extrusion – article number B1718

Product characteristic

The extrusion made from high quality aluminum (also available in an anodized version) is designed for flexible or rigid LED strips which with light sources are 10,8mm in width. They are covered by a special frosted or transparent diffuser made from polycarbonate. If the focusing diffuser type “S” is used we can receive a light angle of 10 degrees. Regular polypropylene end caps, electro-conductive end caps and mounting brackets made from zinc or chrome steel 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 is fixed to base by a double sided adhesive tape or a mounting bracket. The mounting bracket guarantees easy and solid fixing to surfaces that are not perfectly flat. We can get a flat line of lighting with the application of frosted cover HS and LED strips placed densely. There is a possibility of preparing a LED fixture with a high tightness. The ingress protection rating (describes the protection against the ingress of solids, dust and water) equals IP 67.

Application

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. IP 67 version can be also used as an outdoor lighting for elevations or architectural elements of gardens.

Products related to the Extrusion



cover type K
frosted (1547)
transparent (1548)

cover type HS
frosted (1369)
transparent (1370)

cover type S
(00220)

end cap
without hole (1056)
with hole (1057)

electricity conductive
end cap (1407)

mounting bracket
zinc (1072)
chrome matt (1345)

Technical specification

Ingress Protection Rating IP 20 (standard), IP 67 (optional)
 Dimensions 12 mm x 16 mm x 100/200/300 mm
 Material body – aluminium, cover – polycarbonate (PC), end cap – polypropylene (PP)

Product complies with RoHS directive

