DATA SHEET

REGULOR LED extrusion – article number B468+43

Product characteristic

The extrusion made from high quality anodized aluminum 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. The characteristic of the Regulor extrusion is an aluminum insert. The insert permits to adjust angles of diode's lighting. We can receive suitable angles of lighting by using focusing cover "S" and putting insert into the extrusion in the proper notch. If these two conditions are fulfilled it is possible to get the following angles of lighting: 10 degree (without insert) and 30°, 60°, 90° (depends from the insert position). Regular polypropylene 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, glass-case, or as a decoration light with different beam angles. 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 (00310) with hole (00313)	mounting bracket zinc (1072) chrome matt (1345)

Technical specification

Ingress Protection Rating	IP 20 (standard), IP 67 (optional)
Dimensions	12 mm (18mm with cover S) x 16 mm x 100/200/300 mm
Material	body – aluminium, cover – polycarbonate (PC), end cap – polypropylene (PP)

Product complies with RoHS directive

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