

DATA SHEET

SEPOD LED extrusion – article number B6593

Product characteristics

The extrusion is made of high quality, double anodized aluminum dedicated for a max of 4 LED strips, not wider than 10.8 mm each. The extrusion's characteristics are its big dimensions and radiators which at the same time allow it to dissipate heat and can be used to build high light output fixtures. The LEDs need to be covered with the special SZER cover that is made of polycarbonate, whose characteristics are a delicate matte finish and high light transmittance. The dimensions of the extrusion were designed so that when used with the delicate matte SZER cover, a line of light effect is achieved.

Additional accessories for extrusion are metallic polypropylene end caps (they do not allow light to pass through, which is a great advantage). The end caps protect the extrusion from dust and other undesirable elements, which can make LED strips dirty and consequently deteriorate the lighting parameters.

The wide extrusion is mounted to a surface with the use of the TESPO mounting base and BLOCK springs (include use 2 pairs of springs per 1m with TESPO extrusion). The BLOCK springs are put into special grooves in the mounting extrusion. The SEPOD extrusion is then mounted by snapping it into the mounting extrusion. Additionally we gain space for power cables.

Installation of the profile in drywalls is performed using special springs GP or KMA. If you would like to mount a profile in a Armstrong drop ceiling with the use of GP springs, you should additionally apply special safety washers (42712).

ZM connectors are used for straight (ZM-180) and angle connections of (in a plane parallel to the cover, at an angle of 90° and 135° - ZM-90 and ZM-135, as well as in a plane perpendicular to the cover at the angle of 90° and 135° - ZMPION-90 and ZMPION-135) KLUŠ profiles fitted with a small fastener and to stabilize the ends of the profiles mounted in lines.

For mounting and power supply of extrusions the elements from the mounting system which, together with the optional accessories presented on www.KlusDesign.com can be used.

Applications

The extrusion consisting of large dimensions is dedicated to building high light output fixtures. One of its main features is great heat dissipation. Its design, delicately matte cover and densely spaced LEDs also allow the fixture to achieve a line of light effect. Due to the possibility of installing four LED strips inside the extrusion it can also be used as a primary energy-efficient light source.

Products related to the Extrusion



mounting base
TESPO KPL. (18020)



cover SZER (17081)



end cap SEPOD-MET
KPL. (24106)



spring KMA (00838)



spring GP (00293)



washer (42712)

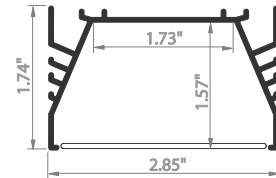


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Technical specification

Ingress Protection Rating	IP 20
Available lengths	1 m / 2 m (can be cut to any size) *available by arrangement with the sales department of KLUŠ
Material	body – aluminum, cover – polycarbonate (PC), end cap – polypropylene (PP), connector, spring – steel



**sample item from the mounting system of profiles