



## DATA SHEET

KOZEL LED extrusion – article number B6454

### Product characteristics

The extrusion is made from high quality aluminum and designed for a maximum of two flexible or rigid LED strips that are 8 - 10 mm wide. LEDs can be hidden behind a special cover HS22 (frosted or clear) made of polycarbonate or optional cover in the semicircular shape G-L or square shape G-K, made of polymethyl methacrylate. The HS22 cover is certified for excellent resistance to all weather conditions and UV radiation, as well as being flame retardant. The height of the profile was designed in such a way that when the HS22 cover and two flexible or rigid LED strips are applied, together with 15mm spaced LEDs, you can get a single line of light (assuming that the LEDs are mounted so that one strip is offset by approx 7mm, relative to the other).

Standard polypropylene end caps 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. KOMPENSA-L and KOMPENSA-K end caps can be applied with the LESTO end caps, and respectively, with G-L and G-K covers.

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) KLUŚ profiles and fitted with a small fastener to stabilize the ends of the profiles mounted in lines.

The extrusion is installed in drywall using a suitable mounting adhesive. You should apply a thin layer of adhesive to the flange of the extrusion and apply the drywall mesh, seal with filler and when dry, sand and paint it. As a result, we get a line of light in the planes of walls and ceilings without visible aluminum elements.

All optional accessories are described on our website, [www.KlusDesign.com](http://www.KlusDesign.com).

### Applications

The architectural extrusion with the LED light source is ideal for creating light illuminations indoors. The possibility of achieving a single line of light, thanks to a frosted cover, makes this extrusion fit all kinds of arrangements. Due to the possibility of installing two strips inside the extrusion, it can be used as a primary energy-efficient light source.

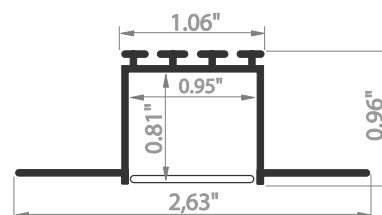
### Products related to the Extrusion



cover type HS22  
frosted (17011)  
clear (17022)



end cap KOZEL  
without hole (24034)



### Technical specification

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