



## DATA SHEET

**STEP KPL.** LED extrusion – article number B4845

### Product characteristics

The stairs extrusion is made from high quality double-anodized aluminum with the option of using LED diodes to illuminate the upper and lower half of the extrusion. For the upper lighting use LEDs with the beam of light directed to the side, so called "side emitting" tape width up to 7 mm, while for the lower lighting use standard LED tape that is 8 - 10 mm. LEDs mounted in the lower part of the extrusion should be hidden behind a special cover – K, KA-BIS, HS (frosted or transparent) or LIGER (frosted matte) which are made of polycarbonate. The HS cover is certified for excellent resistance to all weather conditions, UV radiation as well as being flame retardant. LEDs in the upper part of the extrusion can be covered with a special non-slip strip which is mounted in place where the extrusion is intended to be attached. The non-slip rope is included in the STEP extrusion set and it is also available as a separate item. Installation of the rope in the extrusion is facilitated by a specially designed tool.

Additional accessories designed for the extrusion are polypropylene end caps. The application of caps is supposed to protect the extrusion against the ingress of dust or other undesirable particles that may cause soiling of the LED strip, and thus worsening of its lighting parameters. STEP-90 corner end cap is used to connect profiles at an angle of 90°. It provides safe and esthetic finishing of the profiles used to illuminate stairs, with no sharp edges.

Fasten the extrusion to the surface using mounting screws and adhesive to ensure secure mounting to the surface. We can make a lighting fixture of high integrity, whose class of resistance against the ingress of solid objects, dust and water will be IP 67.

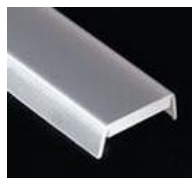
### Applications

STEP extrusion with the LED light source is used to illuminate stairs, and in particular as discreet lighting in cinemas, shops, nightclubs and restaurants. In the sealed version, it can also be used for illuminating stairs located in the outer architectural space.

### Products related to the Extrusion



cover type K / KA-BIS  
frosted (1547/17071)  
transp. (1548/17072)  
cover type LIGER  
frosted matte (17031)



cover type HS  
frosted (1369)  
transparent (1370)



end cap  
STEP-R, right (00303)  
STEP-L, left (00304)



corner end cap  
STEP-90 (00023)



tool for mounting  
anti-slip rubber strip  
(00023)



anti-slip rubber  
strip (17001)

### Technical specification

Ingress Protection Rating

IP 20 (standard), IP 67 (optional)

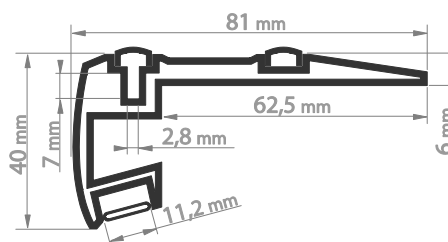
Available lengths

1 m / 2 m / 3 m\* (can be cut to any size)

\*available by arrangement with the sales department of KLUŚ

Material

body – aluminum, cover – polycarbonate (PC), end cap – polypropylene (PP),  
anti-slip rubber strip – polyurethane (PUR)



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\* Uprzejmie informujemy o zastrzeżeniu sobie prawa do zmian asortymentowych i modyfikacji produktów.  
We reserve the right to change and modify our products.

**KLUŚ**