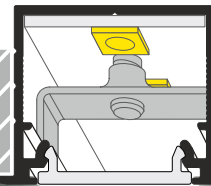


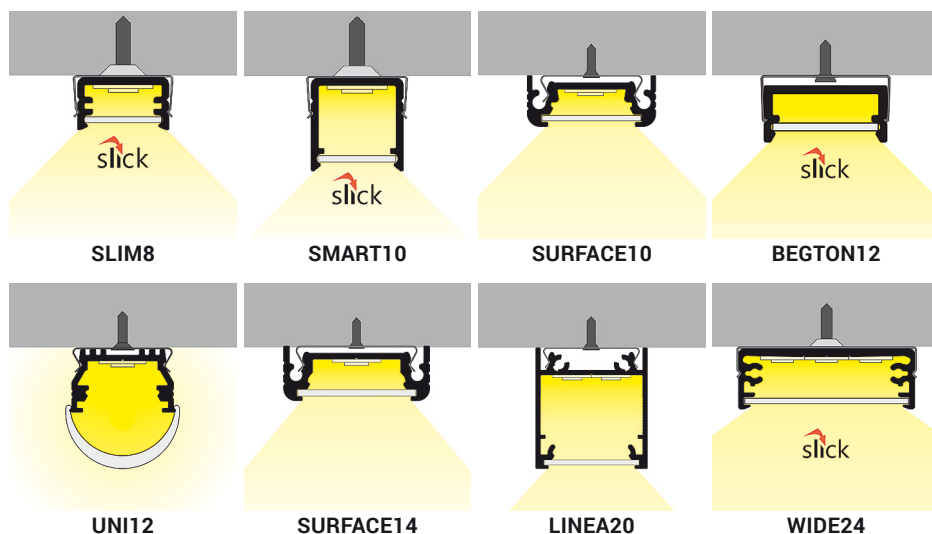


LED PROFILES

OVERVIEW

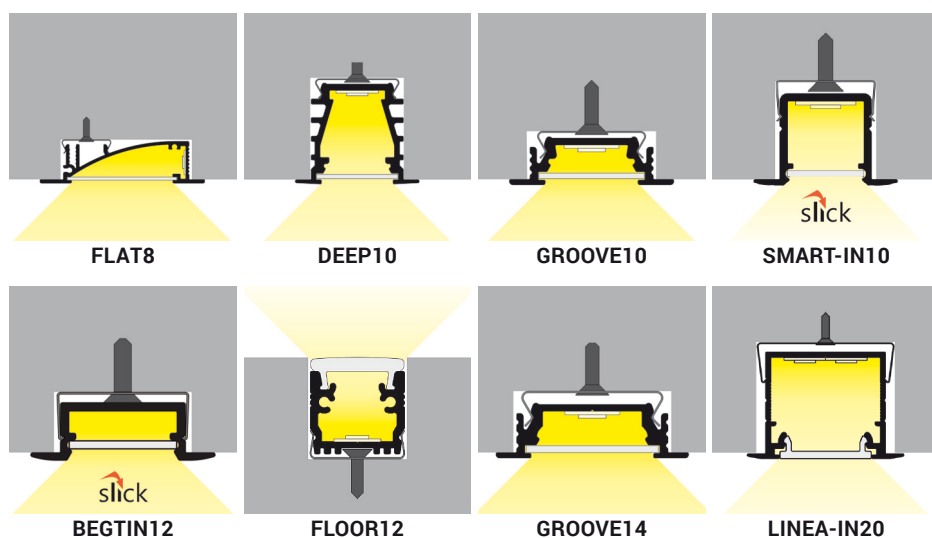


SURFACE



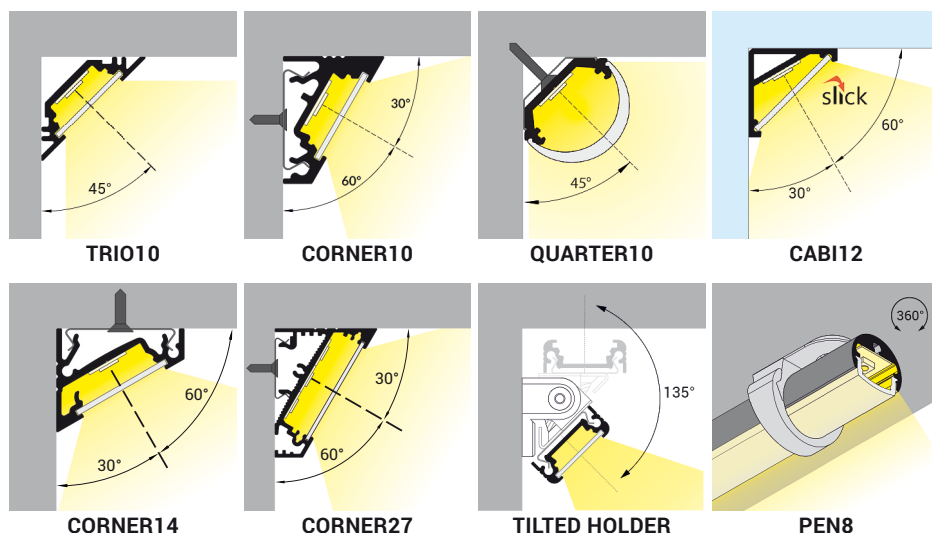
Surface LED profiles are popular for its universal usage possibilities. The advantage of surface profiles is that they can be easily installed without prior surface treatment and they provide high cooling power. They can be used as decorative interior or furniture lighting such as linear lighting under kitchen cabinets or gypsum board false ceiling for indirect lighting. They can be connected by angle connectors (60°, 90°, 135°, 180°) to create luminaires and patterns of different shapes. There are available various types of covers (transparent, frosted, white, rounded or 'I' shaped, slide-in or click-in), end caps/endings, mounting plates/holders, slings and other accessories. Decorative or lighting LED ribbons of low and middle power are used as the light source. For wider range of lighting design possibilities you can use LED ribbon with adjustable CCT, color LED ribbons, RGB LED ribbons or digital ribbons.

RECESSED



Recessed LED profiles feature a professional appearance flush with the surface. They are mainly used in furniture production (subtle highlights, backlighting, illuminating the inside of storage spaces), decorative linear lights recessed in wall or ceiling as well as orientation lighting. To install recessed profiles you need to rebate channel in the surface of placement before the installation. Profile is then mounted in the channel by pushing in, by rack or spring mounting plates, or by simply gluing the bottom of the profile. Because the profile is enclosed with material and not the air its cooling power is limited. That is why they are used especially for decorative and design purposes. LED ribbons of low and middle power are used as the light source. With profiles deeper than 10 mm it is possible to achieve a continuous line of light with no visible light points by using a 120 LEDs/m ribbon and a white cover.

CORNER



Corner profiles are made for lighting at an angle, typically 30°, 45°, 60°. Some types allow two alternatives of installation – lighting at the angle of 30° or 60° - or there is an adjustable tilted holder to change the direction of light. They are used mainly for canopy or soffit ceiling lighting, wall indirect lighting with wash effect and under shelf lighting. The profiles are mounted with the use of various mounting plates. Profiles with smooth sides are effective in glass settings when mounted by a transparent adhesive tape and cables hidden in the profile cavity. High power LED ribbons or multiple parallel ribbons can be placed into the large-sized corner profiles to get more light. Take advantage of these properties to create design lighting of showcases, shelves or counters in shops and shopping centers. Use the profiles for facade lighting or as wallwashers illuminating company logo or advertisement.

SPECIAL

Special LED profiles are designed for specific lighting applications or as a component for construction of different luminaires.

PEN8 with a circle cross-section works as a design light with high functionality. It can be mounted with the use many different holders for different applications to make the installation easy. It can be used for example to create original lightings of various shapes, as pendant lighting rod or as a stylish showcase lighting.

STEP10 and OUTSTAIRS12 are profiles for illuminating stairs on each step.

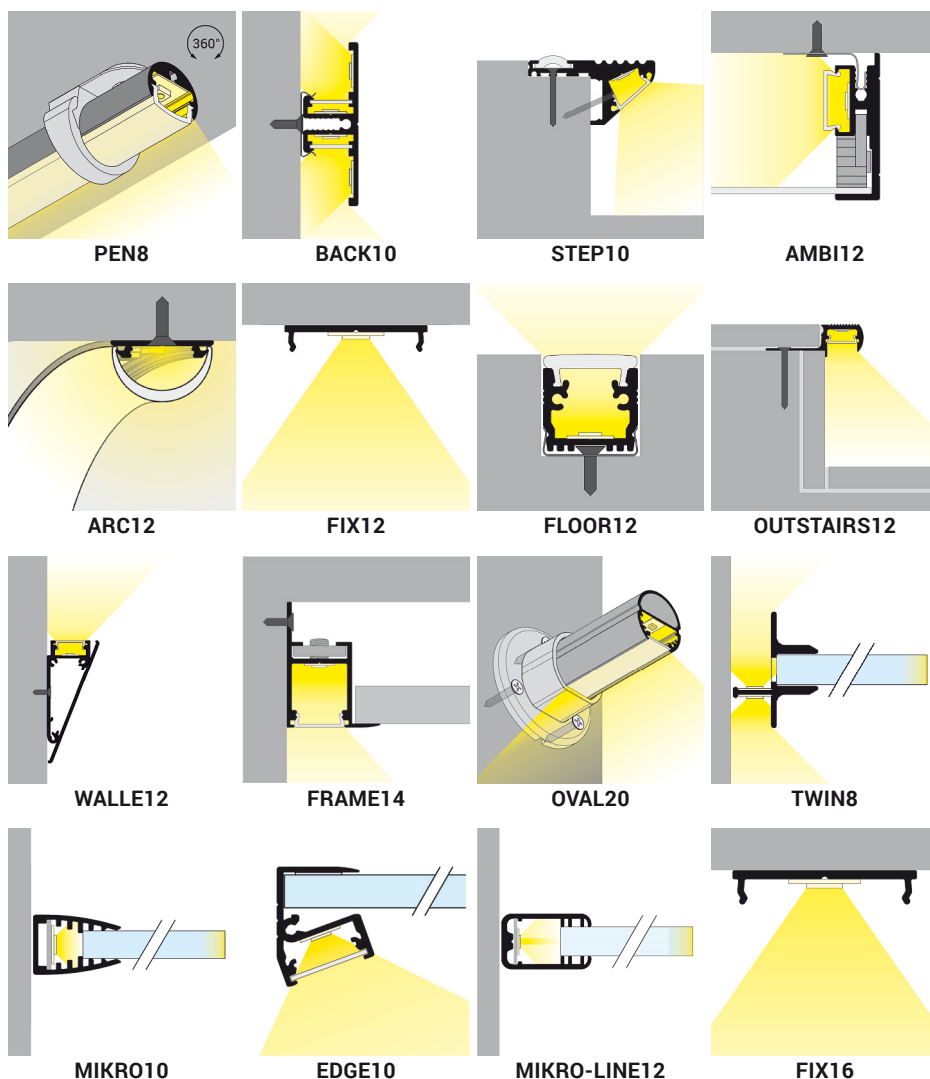
AMBI12 can serve as a stylish **light box** or decorative luminaire in different dimensions. Using different LED ribbons various light effects can be achieved.

Flexible LED profile ARC12 can be bended into an **arc**. Simple and attractive illumination of arches, round top windows or circles in gypsum ceiling. Arc luminaire is unconventional and features a great light diffusion.

Damage resistant LED profile FLOOR 12 is designed as a lighting recessed into floor or wall. High resistance cover combined with a 120 LEDs/m ribbon will create a continuous light line of professional appearance.

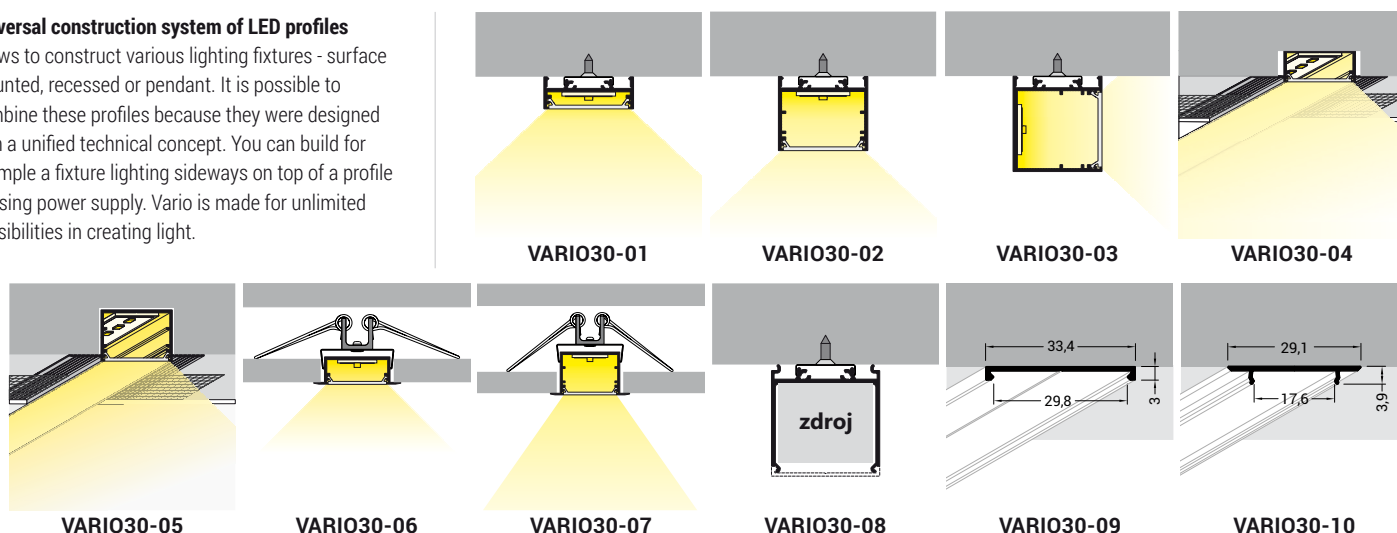
OVAL20 works as **illuminating wardrobe rail**. It illuminates the inside of storage space and can be turned on automatically when the doors open.

Numerous profiles for glass shelf lighting are designed specially for stylish illumination in showcases. Achieving attractive light effects such as glass edge lighting, backlighting or diffusing light through glass in different directions is made easy with these profiles.

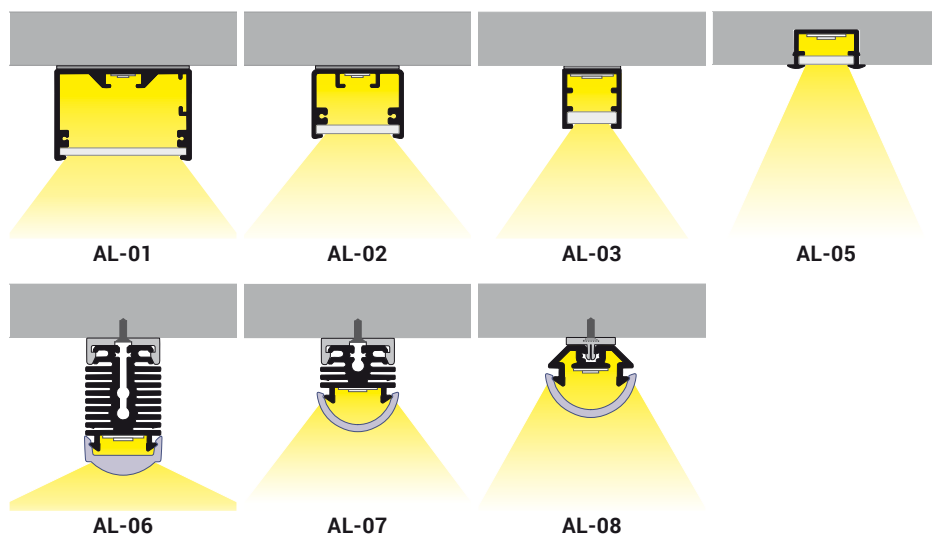


VARIO

Universal construction system of LED profiles allows to construct various lighting fixtures - surface mounted, recessed or pendant. It is possible to combine these profiles because they were designed with a unified technical concept. You can build for example a fixture lighting sideways on top of a profile housing power supply. Vario is made for unlimited possibilities in creating light.



TRON



TRON profiles provide a verified lighting solutions with a tradition and high quality diffusers (covers).

AL-01 large-sized profile with a wide light beam

AL-02 for high performance interior lighting

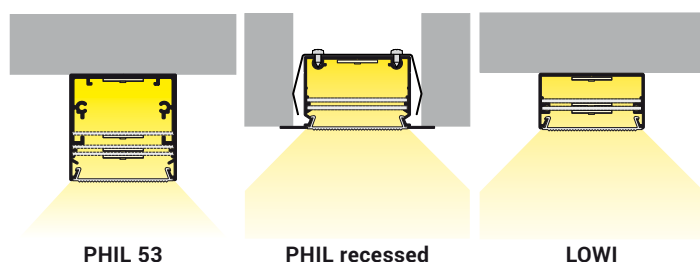
AL-03 decorative surface profile suitable for creating a continuous line of light

AL-05 a profile recessed in channel suitable for furniture application

AL-06 and **AL-07** offer a high cooling performance; designed as wallwashers and advertisement illumination

AL-08 was designed to make lighting fixtures equivalent to fluorescent tube lamps

PHIL



PHIL and LOWI are dimensionally compatible big profiles that can serve as components for primary lighting. They can be used to make luminaires of high-performance with various designs - surface, recessed or pendant - and can form long light lines, because the power source can be placed inside the profile as well. The profile is intended to carry non-flexible LED module as a light source. The covers designed for these profiles are described by light distribution curves and you can choose wide or narrow light beam. We offer 6 years warranty for these lighting fixtures.

We offer profiles from TRON, TOPMET, KLUŠ and many others.
WE WILL FIND THE BEST SOLUTION FOR YOUR ORDER.

☛ See the catalouge of profiles supplied by TOPMET