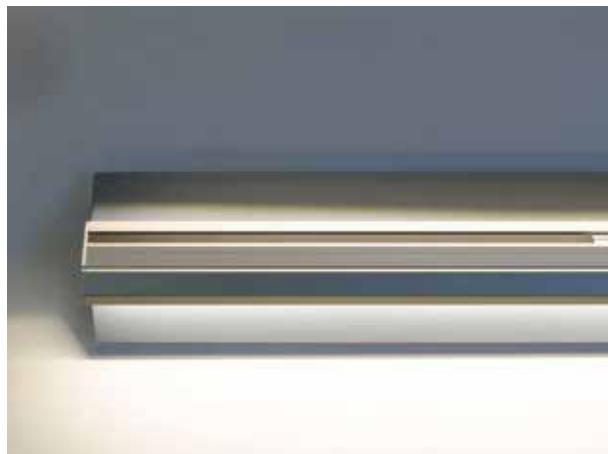


## LES - LED PROFILES

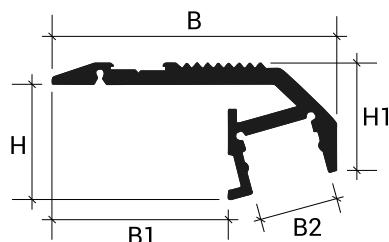
### PRODUCT DESCRIPTION



The LED profile range is a complete series of profiles that contains different types of LED strips and pairs them with various finishes polycarbonate diffusers, to create multiple lighting effects. Accessories such as wall attachments, end caps, and mounting clips ensure optimal placement of the profiles and guarantee perfect lighting to rooms and stair steps.

### TECHNICAL FEATURES

Length: 2,00 m



LES - Aluminum

H1 = 20 mm

B1 = 33.5 mm

B2 = 15 mm

### MATERIAL DESCRIPTION

#### Aluminum

The primary aluminum alloy EN AW-6060 in T6 temper is suitable for complex extrusions, offering high strength and an excellent natural surface finish that lends itself well to subsequent finishing processes.

#### ANODIZED ALUMINUM:

The anodic oxidation process provides protection against corrosion caused by atmospheric agents, without involving galvanic treatments.

According to the EN 12373 standard, the profiles are treated with preventive processes that make them uniformly opaque, subsequently they are coloured through an electro-chemical oxidation process in the standard colours Silver, Gold, Bronze, Copper and Titanium with a thickness of up to 10 microns.

### ACCESSORIES



LEC15



LEST 54 AS

**LED Profiles >> LES in Anodized Aluminum**

Item	HxB mm	Finish
LES54AS200	21x54	AS - Silver

**LED profiles >> End Cap right and left**

Item	H1 mm	Finish
LEST54ASSET	54	AS - Silver

**LED profiles >> Black adhesive strip**

Item	H1 mm	Finish
LESA10	10	- Black

**LED Profiles >> Light diffuser**

Item	B mm	Finish
LEC150P200	15	- Opal
LEC15TR200	15	- Transparent
LEC15SA200	15	- Sanded

**APPLICATION**

1. Cut the profile to the required length;
2. Apply the LED strip to the appropriate slot and make the electrical connections according to the manufacturer's instructions, adopting all the safety measures required by the manufacturer.
3. Where applicable, insert the anti-slip strip, the diffuser profile and mount the terminals.
4. Position the profile and mark the position of the holes, possibly using the holes present in the profile if in the perforated version;
5. Insert the plugs if the support requires it, fix the profile using countersunk screws (for threshold cover profiles use 3 mm diameter screws and 5 x 25 mm plugs).

N.B.: Aluminum profiles offer limited resistance to alkaline substances, so their use must be evaluated according to the expected chemical aggressions. Aluminum profiles in contact with cementitious substances can be attacked by corrosion processes, so residues of used adhesives and sealants should be removed immediately. When laying, the right amount of adhesive must be used and the right drying times observed, avoiding creating cavities in which water can stagnate, which would lead to the formation of alkaline substances (aluminum hydroxide) and trigger corrosive electrolytic phenomena.

**CLEANING AND MAINTENANCE**
**ALUMINIUM:**

Aluminum requires no special maintenance.

For cleaning, use colorless alcohol diluted in water or neutral detergents, avoiding acidic ones (e.g., hydrochloric or hydrofluoric acid); use non-abrasive sponges or cloths to avoid damage. We recommend not applying cleaners directly to surfaces. After cleaning, rinse with water and dry immediately with a soft cloth. Avoid polishes. Quickly remove residual cement or grout to protect the surface.

**WARNINGS**

These profiles must be handled with care, taking care to use cut-resistant gloves. The instructions and requirements contained herein, while based on our experience, are to be considered purely indicative and must be confirmed by exhaustive practical applications. Profilitec declines all responsibility for any damage to persons or property resulting from improper use of the product. The user is responsible for determining whether or not the product is suitable for use and assumes all responsibility for any damage resulting from incorrect installation of the material.

**BILL OF QUANTITIES ITEM**

Supply and installation of profile in \_\_\_\_\_ (material), with finish \_\_\_\_\_ (see Material Description section) with characteristic measurement \_\_\_\_\_ mm. LED profile with replaceable non-slip insert.

Family type \_\_\_\_\_ from the Profilitec company as a stair nosing profile for LED cladding protection to be supplied and installed according to the rules of the art, respecting the methods and fields of application indicated by the manufacturer.

Profile length: 2700 mm

Profile SKU: \_\_\_\_\_

Material: \_\_\_\_\_ €/m

Installation: \_\_\_\_\_ €/m

Total price: \_\_\_\_\_ €/m