

LED PROFILES

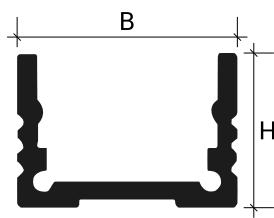
PRODUCT DESCRIPTION



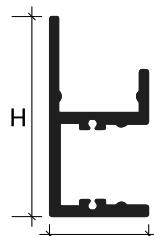
The LED profile range is a complete series of profiles that contains different types of LED strips and pairs them with various finishes polycarbonate diffusers, to create multiple lighting effects. Accessories such as wall attachments, end caps, and mounting clips ensure optimal placement of the profiles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

TECHNICAL FEATURES

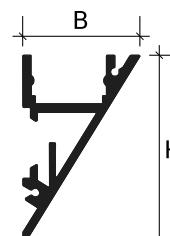
Length: 2,00 m



LEL 13 - Aluminum



LEB 37 AS - Aluminum



LEM 37 - Aluminum

MATERIAL DESCRIPTION

LEL 13 - 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.



AS

Profili LED >> LEL in Anodized Aluminum		
Item	HxW mm	Finish
LEL13AS200	13x18	AS - Silver

LED profiles >> Accessories for LEL		
Item	H mm	Finish
LELF12SET		- Fastener clip
LELT13P22SET		P22 - End caps (right and left)
LELC60		- Connector

ACCESSORIES



LELT 13 P22

MATERIAL DESCRIPTION

LEM 37 - 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.

POWDER COATED ALUMINUM:

Powder coating begins with a chromium phosphate pre-treatment, followed by electrostatic application of polyester powders that offer high resistance to U.V. rays and atmospheric agents. The entire surface of the profile is coated with an average thickness of approximately 60 microns. A hot cross-linking polymerization process is then carried out to ensure maximum chemical and mechanical resistance.



A11

LED profiles >> LEM in Powder Coated Aluminum		
Item	H1xB mm	Finish
LEM37A11200	37x23	A11 - Pure White

LED profiles >> Accessories fo LEM		
Item	H mm	Finish
LEMT37A11SET		A11 - End caps (righ and left)
LEMSSET		- Support for wall fixing
LEMCSET		- Connector

ACCESSORIES



LEMT 37 A11



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MATERIAL DESCRIPTION

LEB 37 AS - Aluminum

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AS

Profil LED >> LEB in Anodized Aluminum		
Item	HxB mm	Finish
LEB37AS200	37x18	AS - Silver
LEBP15AS200	15x15	AS - Fixing profile

LED profiles >> Accessories for LEB		
Item	H mm	Finish
LEBT37ASSET		AS - End caps (right and left)

ACCESSORIES



LEBT 37 AS



LEC 15 - Polycarbonate

LED Profiles >> Light diffuser		
Item	B mm	Finish
LEC15OP200	15	- Opal
LEC15TR200	15	- Transparent
LEC15SA200	15	- Sanded



LEC15

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 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 dowels 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 dowels).

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.

POLYCARBONATE:

Polycarbonate does not require any special maintenance.

It can be easily cleaned with colorless alcohol diluted in water or with normal detergents, provided they are not acid-based, also diluted in water; rinse with water only. Use non-abrasive sponges or cloths to avoid scratching 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) of characteristic size _____ mm. LED profile with
the option of a light diffuser cover.

Family type _____ from the Profilitec company as a decorative 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