

led profiles for shelving and signage





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# led profile by Luz Negra

## HANNOVER

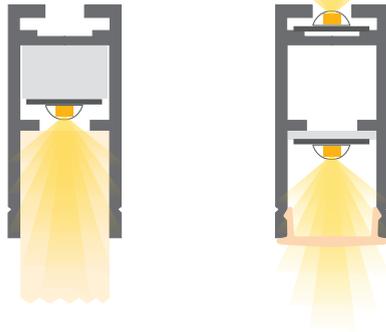
Our PROFESSIONAL led profile series is manufactured in high purity aluminium and silver anodised. This profile can be used for many different purposes, such as ceilings and signage, due to its ultra thin methacrylate with optical effect.

Its etched methacrylate surface makes it ideal for hanging (display signs). We can also manufacture hanging or wall-based luminaires, both with Up&Down or side lighting. Its use with glass or methacrylate converts it into a practical illuminated shelf.

Suitable for led strips with a maximum width of 11mm and a power not greater than 30W/m. We recommend using it with COB our Granada ecoled strip in order to obtain intense brightness.

**We offer a 10 year guarantee.**

Scale 1:1



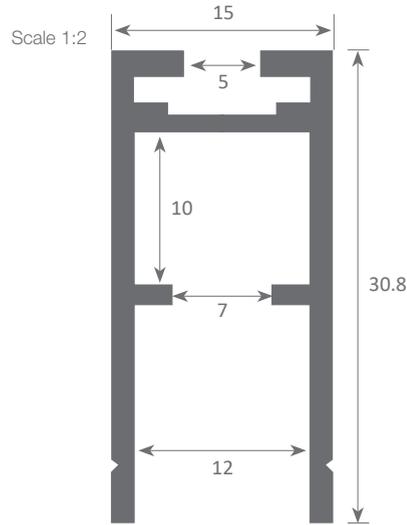
### Aluminium profile

12.001	anodised silver	3m
12.002	anodised silver	6m



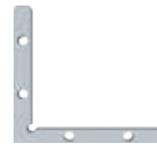
### Methacrylate cover

18.014	transparent	2m
18.015	frosted	2m
18.116	opal	2m
18.016	transparent	6m
18.017	frosted	6m
18.115	opal	6m



### Endcaps

19.146	silver aluminium without hole
19.147	plastic without hole



### 90° angle bracket

22.003	steel
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### Hanger cable

21.001	silver	set of 2 units
21.002	white	set of 2 units
21.003	black	set of 2 units (clip not included)

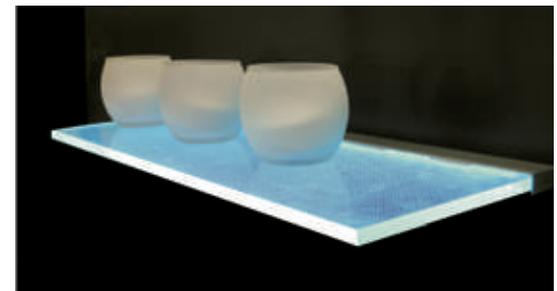


### Bracket

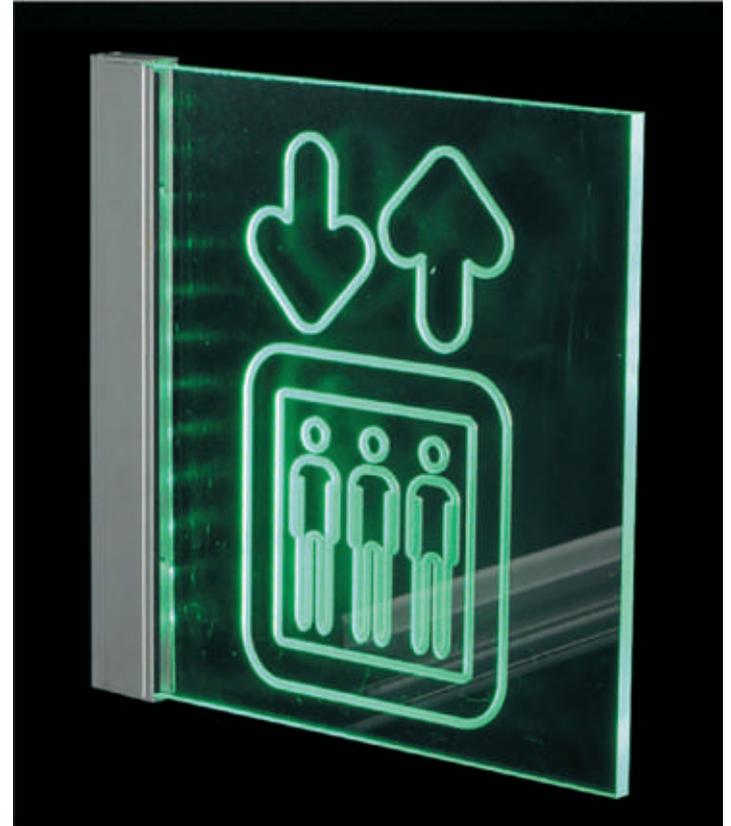
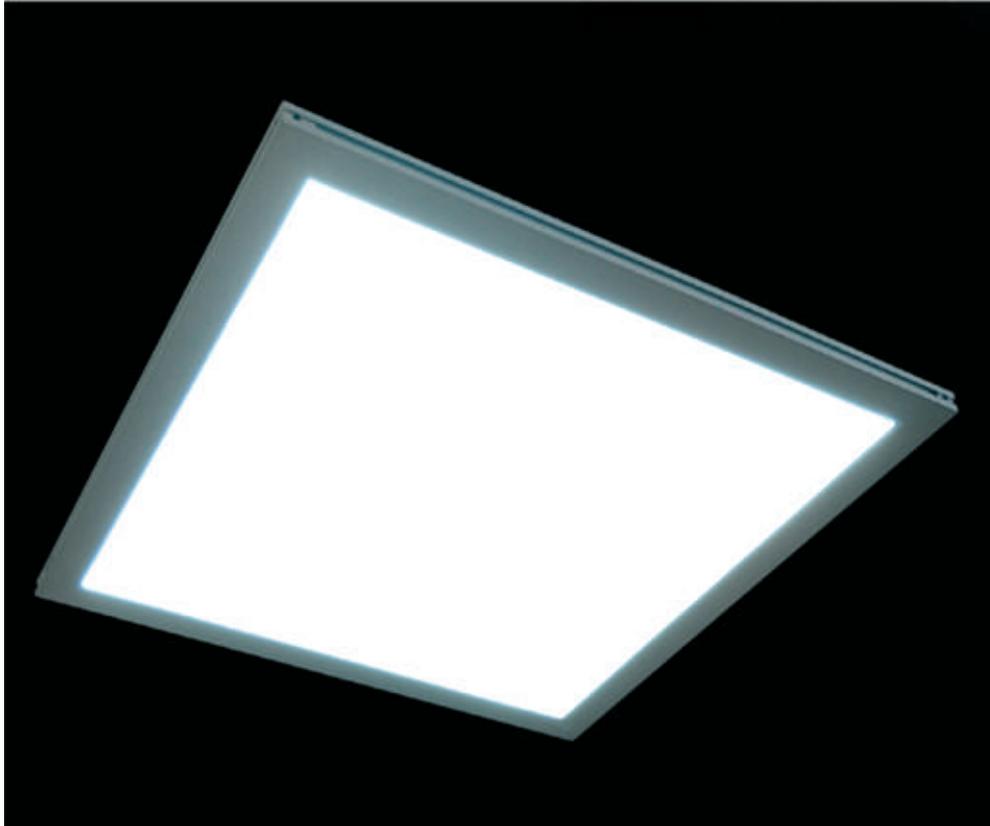
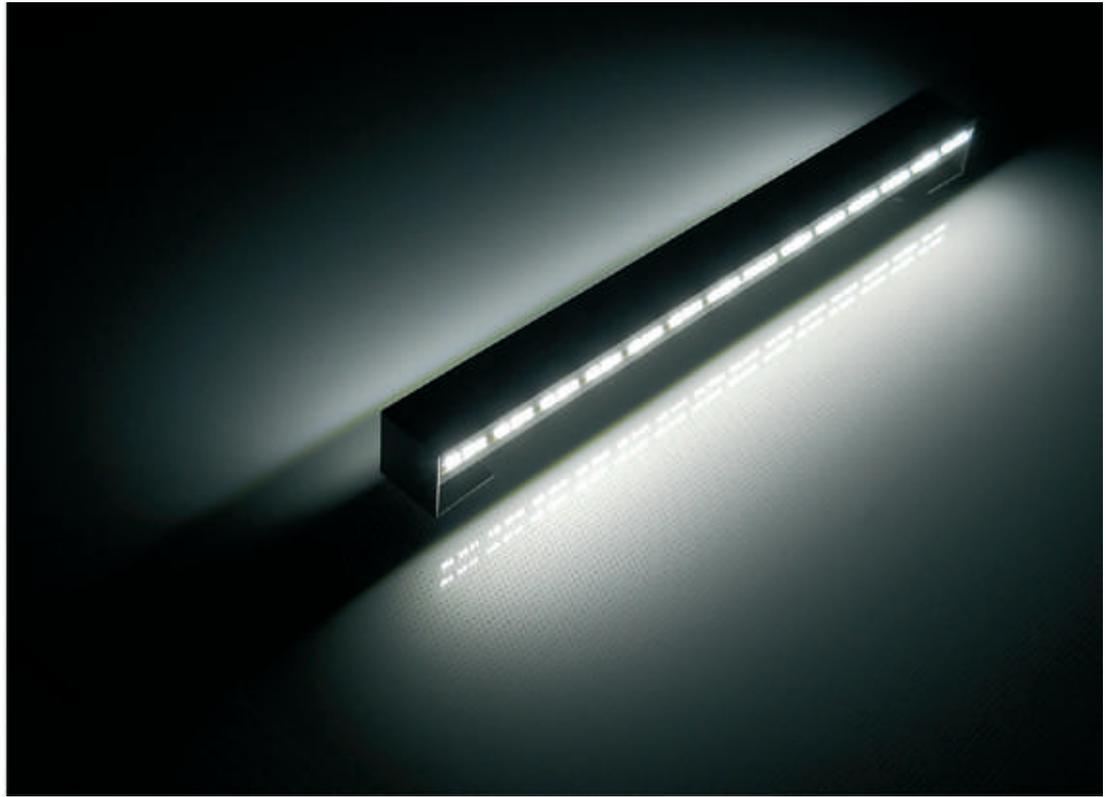
22.022	aluminium
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Shelf illumination with optic methacrylate and led



Aluminium alloy extrusion process in accordance with: ISO 9001:2008 - ISO 14001 / Tolerances defined by: UNE-EN 755-9 / UNE-EN 12020-2  
Theoretical weight: 0.357kg / Alloy: 6063 / Perimeter: 173mm / Anodising minimum: 15 microns  
Aluminium purity: 95-98% / Material treatment: T-5



# led profile by Luz Negra

Our PROFESSIONAL led profile series is manufactured in high purity aluminium and silver anodised. This profile can be used for many different purposes, such as wall or table signage, due to its etched methacrylate surface (display signs with diffused lighting).

We can also use it as an illuminated shelf with glass or methacrylate.

Suitable for led strips with a maximum width of 15mm and a power not greater than 20W/m.

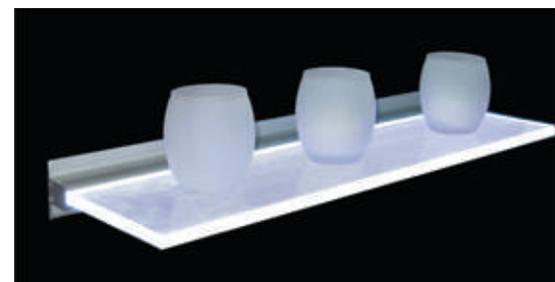
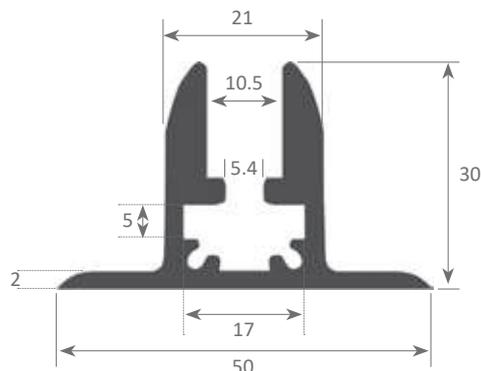
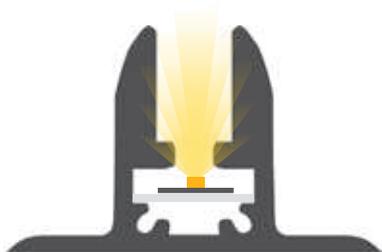
We recommend using it with our Avila ecoled strip in order to obtain white or coloured illumination.

**We offer a 10 year guarantee.**

## GINEBRA



Scale 1:1



### Aluminium profile

12.003 anodised silver 3m

### Endcaps

19.148 silver aluminium

19.149 grey plastic



### Inner plate

12.017 aluminium  
1000x15x3mm



Aluminium alloy extrusion process in accordance with: ISO 9001:2008 - ISO 14001 / Tolerances defined by: UNE-EN 755-9 / UNE-EN 12020-2  
Theoretical weight: 0.910kg / Alloy: 6063 / Perimeter: 236mm / Anodising minimum: 15 microns  
Aluminium purity: 95-98% / Material treatment: T-5

# led profile by Luz Negra

Our PROFESSIONAL led profile series for surface applications, is manufactured in high purity aluminium, available in silver anodised and ideal for indirect lighting.

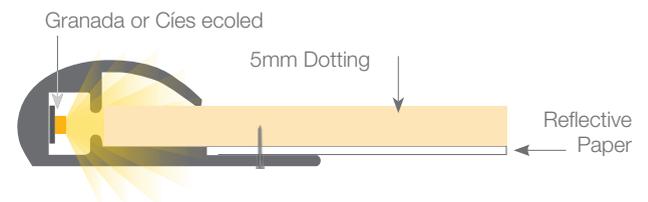
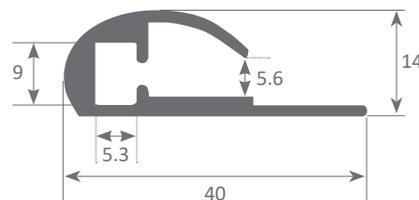
Suitable for use with led strips with a maximum width of 5mm such as our Granada or Cíes ecoled strips. It is designed to house 5mm optic methacrylate in order to achieve a luminous panel.

**We offer a 10 year guarantee.**

## COLONIA



Escala 1:1



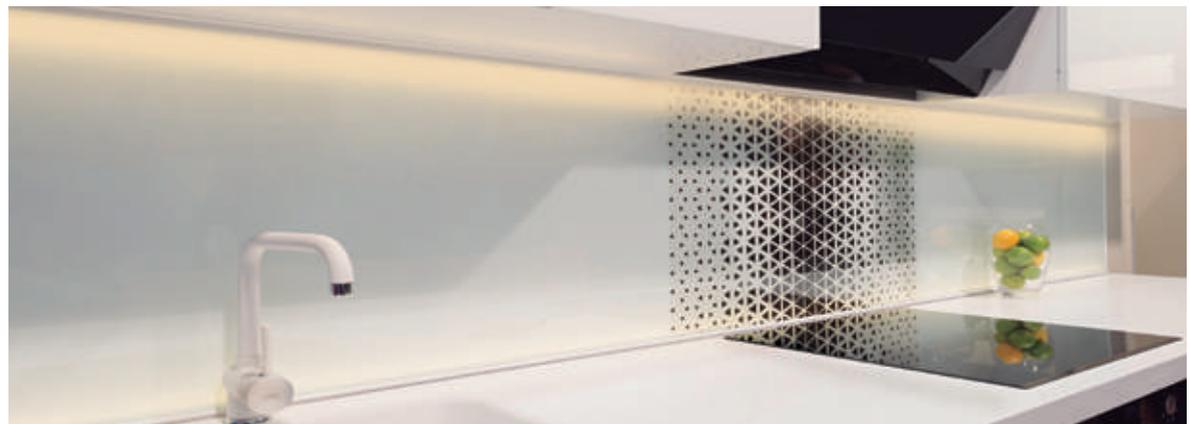
**Aluminium profile**  
12.016 anodised silver 3m



**Endcap**  
19.153 black plastic



**Adhesive magnet**  
42.001 12mm 1m



Aluminium alloy extrusion process in accordance with: ISO 9001:2008 - ISO 14001  
Tolerances defined by: UNE-EN 755-9 / UNE-EN 12020-2 / Theoretical weight: 462.5kg  
Alloy: 6063 / Perimeter: 135.3mm / Anodising minimum: 15 microns / Aluminium purity: 95-98% / Material treatment: T-5

# led profile by Luz Negra

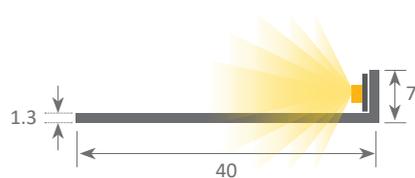
Our BASIC led profile series is manufactured in high purity aluminium and available in silver anodised. This profile is a good provider of heat dissipation and can be used for walls and furniture applications, where the led strips are fixed to the sides. Moreover, it also offers upward and downward lighting. Suitable for led strips with a maximum width of 5mm, such as our Granada or Cies ecoled strips. It is mainly used as a heat dissipating plate for led panels, combined with our PLEXILED optic methacrylate.

**We offer a 2 year guarantee.**

## PLEXILED SLIM



Scale 1:1



### Aluminium profile

12.013 anodised silver 3m



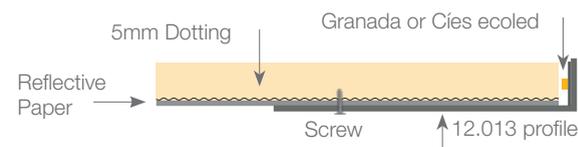
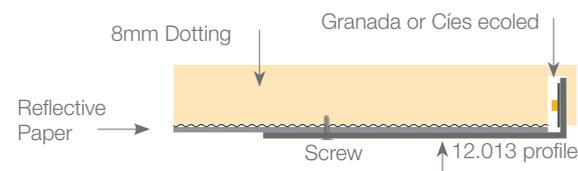
### Adhesive magnet

42.001 12mm 1m



### Adhesive tape

42.002 double-sided adhesive tape (50x12mm)  
42.003 double-sided adhesive foam tape (50x12mm)



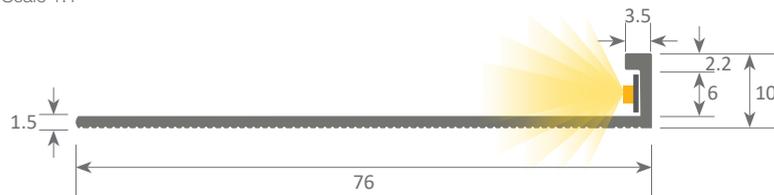
Aluminium alloy extrusion process in accordance with: ISO 9001:2008 - ISO 14001 / Tolerances defined by: UNE-EN 755-9 / UNE-EN 12020-2  
Theoretical weight: 0.161kg / Alloy: 6063 / Perimeter: 0.094mm / Anodising minimum: 15 microns  
Aluminium purity: 95-98% / Material treatment: T-5

## PLEXILED

Our BASIC led profile series is manufactured in high purity aluminium and available in silver anodised. This profile is a good provider of heat dissipation and can be used for walls and furniture applications, where the led strips are fixed to the sides. Moreover, it also offers upward and downward lighting. Suitable for led strips with a maximum width of 5mm, such as our Granada-Cies ecoled strips. It is mainly used as a heat dissipating plate for led panels, combined with our PLEXILED optic methacrylate.

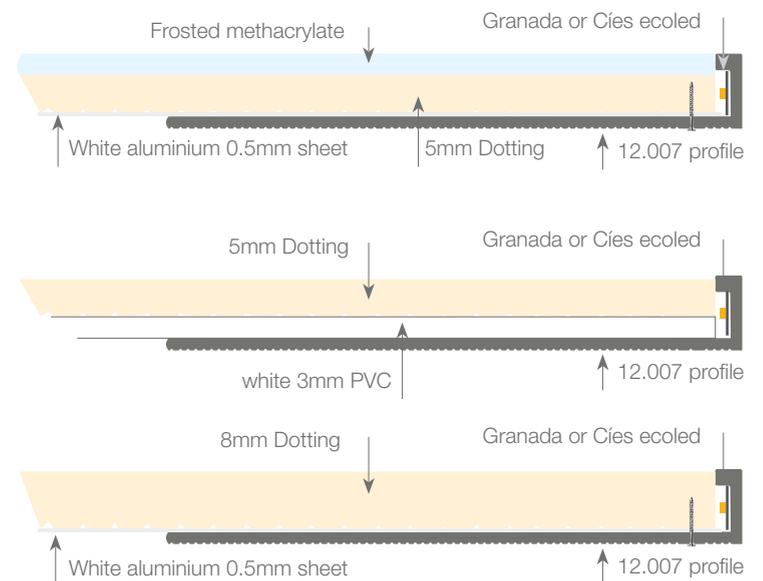
**We offer a 2 year guarantee.**

Scale 1:1



### Plexiled profile

12.006	anodised silver	2m
12.007	anodised silver	6m



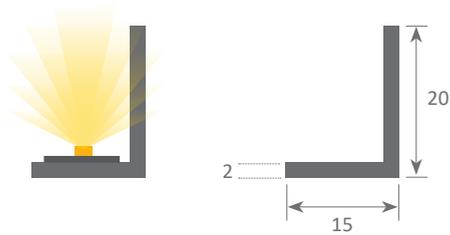
# led profile by Luz Negra

## A03

Our BASIC led profile series is manufactured in high purity aluminium and available in silver anodised. This profile is a good provider of heat dissipation and can be used for walls and furniture applications, where the led strips are fixed to the sides. Moreover, it also offers upward and downward lighting. Suitable for led strips with a maximum width of 12mm and a power not greater than 20W/m. We recommend using it with our Canovelles-Barcelona-Gomera-COB ecoled strip.

**We offer a 2 year guarantee.**

Scale 1:1



### Aluminium profile

12.009	anodised silver	6m
12.010	white lacquered	6m
12.011	black lacquered	6m
12.012	raw	6m



### Adhesive magnet

42.001	12 mm	1m
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Aluminium alloy extrusion process in accordance with: ISO 9001:2008 - ISO 14001 / Tolerances defined by: UNE-EN 755-9 / UNE-EN 12020-2  
Theoretical weight: 0.178kg / Alloy: 6063 / Perimeter: 69.35mm / Anodising minimum: 15 microns  
Aluminium purity: 95-98% / Material treatment: T-5

# led profile by Luz Negra

Our BASIC led profile series which is manufactured in high purity raw aluminium. This is an economic alternative for applying minimum dissipation to a led strip.

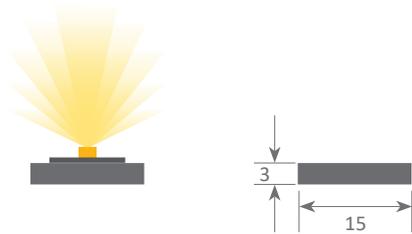
Suitable for use with led strips with a maximum width of 15mm and a power not greater than 20W/m. We recommend using it with our Canovelles-Barcelona-Gomera-COB ecoled strip.

**We offer a 2 year guarantee.**

## PLETINA



Scale 1:1



**Aluminium profile**

12.017 raw (1000x15x3mm)



**Adhesive magnet**

42.001 12mm

1m



CE

# led profile by Luz Negra

## ALFA 2

Our PROFESSIONAL led profile series is manufactured in high purity aluminium and silver anodised. The profile is composed of a base and a lid, joined together by means of a spring effect plate (all supplied separately). This has been designed for manufacturing ultra thin display signs in methacrylate optic with side lighting.

The profile/cover can be lifted up allowing us to easily change the advertisement in a question of minutes.

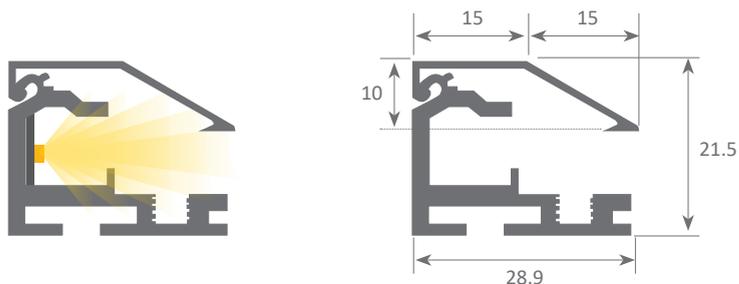
We recommend using it with our Granada ecoled strip or similar.

**We offer a 10 year guarantee.**



Scale 1:1

Foldable front panel



### Aluminium profile

12.004 anodised silver 3m  
12.005 anodised silver 6m

### Bracket

22.025 aluminium

### Plate

22.024 steel spring

### Foldable front panel

19.150 anodised silver 3m  
19.151 anodised silver 6m



Aluminium alloy extrusion process in accordance with: ISO 9001:2008 - ISO 14001 / Tolerances defined by: UNE-EN 755-9 / UNE-EN 12020-2  
Theoretical weight: 0.549kg / Alloy: 6063 / Perimeter: 186mm / Anodising minimum: 15 microns  
Aluminium purity: 95-98% / Material treatment: T-5

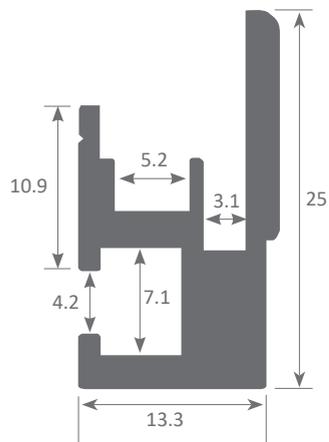
Our PROFESSIONAL led profile series is manufactured in high purity aluminium and available in silver anodised. It is ideal for the manufacturing of extremely thin luminous panels for ceilings or advertising displays.

We recommend using it with our Granada ecoled strip and designed to house optic methacrylate.

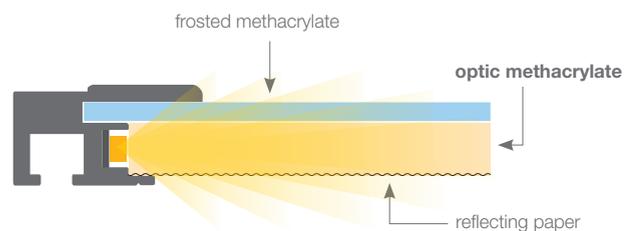
**We offer a 10 year guarantee.**

Scale 1:2

Scale 1:1



8mm Methacrylate



### Aluminium profile

12.014 anodised silver 6m  
12.015 anodised white 6m



### Profile joint

22.005 steel



### 90° angle bracket

22.003 steel



### Hanger cable

21.001 silver set of 2 units  
21.002 white set of 2 units  
21.003 black set of 2 units  
(clip not included)



Aluminium alloy extrusion process in accordance with: ISO 9001:2008 - ISO 14001 / Tolerances defined by: UNE-EN 755-9 / UNE-EN 12020-2  
Theoretical weight: 0.408kg / Alloy: 6063 / Perimeter: 123mm / Anodising minimum: 15 microns  
Aluminium purity: 95-98% / Material treatment: T-5