

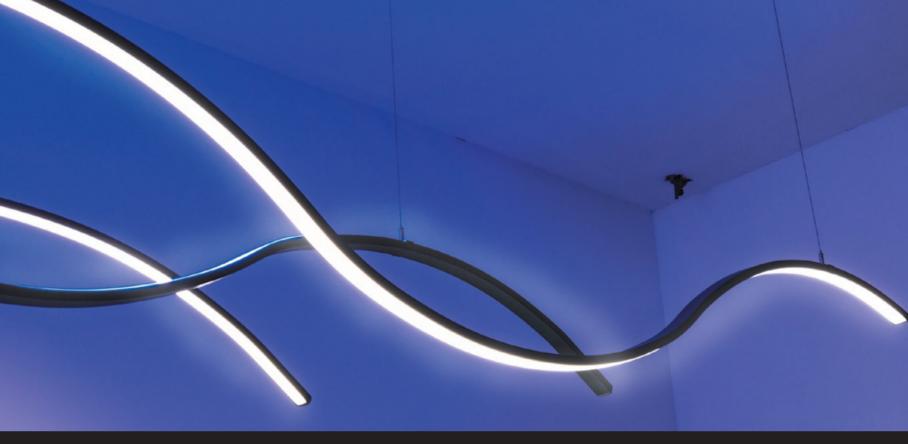


www.fibreled.com

flexible led profiles

fibreLED LED Lighting Specialists

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| MILANO SLIM | HARMONY | HARMONY XS | MONTRY | CANNES | LILLE |
|-------------|---------|------------|----------|--------|------------|
| 164 | 166 | 168 | 170 | 170 | 170 |
| | C | | | 77 | \bigcirc |
| ARLES | ESBLY | AVIÑON | MARSELLA | ТУОИ | OREGON |
| 170 | 170 | 170 | 170 | 172 | 173 |



led profileby Luz Negra

Our PROFESSIONAL led profile for surfaces (only 4.05mm high) is manufactured in high purity anodised aluminium and available in two different colours (the profile can also be supplied in raw aluminium with no coating of paint).

The profile is ideal for using on wall surfaces, furniture, shelves and similar areas, where we require a minimalist profile with very reduced dimensions.

Its cover (available in 5 differentfinishes), has our "easy-ON" system. Once combined with this profile, it provides an IP65 rating to the luminaire.

This can be used in places with high levels of humidity, for example bathrooms, kitchens, gyms, spas, cold storage chambers, fridges, and others.

The profile and its covers are available in lengths of 2 and 6 metres, thus allowing us to carry out large projects where all profiles do not have joints or similar surface breaks.

It is suitable for led strips with a maximum length of 10mm, whose power level does not exceed 15W/m. In order to obtain a more homogeneous and diffused illumination, we recommend using with our opal cover with COB led strips.

We offer a 10 year guarantee on the profiles and a 4 year guarantee on the covers.

Scale 1:2





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MILANO

SLIM









Aluminium profile01.016anodised silver2m01.017anodised black2m01.018anodised silver6m01.019anodised black6m

Polycarbonate cover "easy-ON"

2m

2m

2m

6m

6m

6m

18.001 transparent

18.004 transparent

opal

frosted

18.003 frosted

opal

18.002

18.005

18.006



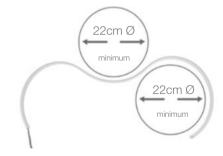
Plastic endcaps19.206grey without hole19.207grey with hole19.208black without hole19.209black with hole







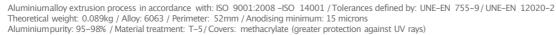
Clip 20.027 chrome steel



Profile bending machine 22.031 22cm Ø minimum profile curvature

<u>C</u>E

LED Lighting Specialists







led profile by Luz Negra

Our PROFESSIONAL led profile series for surface applications, is manufactured in high purity aluminium and available in silver anodised and lacquered white (on demand, we can offer different anodised and lacquered finishings). This profile can be used for many different purposes, not only surfaces, but also for hanging luminaires or similar, where we require a more flexible profile which can be adapted to certain bends and irregular shapes. Minimum bending radius is of 22cm. Suitable for led strips with a maximum width of 13mm and a power not greater than 20W/m.

In order to obtain a more homogeneous illumination, we recommend combining it with our Cíes-Barcelona ecoled led strips.

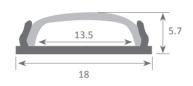
Scale 1:2

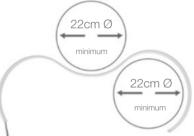
We offer a 2 year guarantee on profiles and covers.



Scale 1:1







HARMONY



Aluminium profile 11.001 silver anodised 3m 11.002 white lacquered 3m



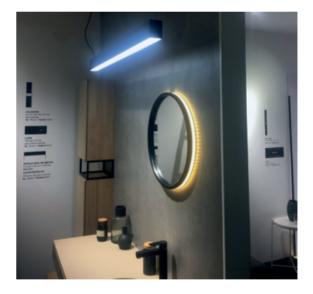
Polycarbonate cover18.065opal3m18.066transparent3m



Plastic endcaps19.154white with hole19.155white without hole



Clip 20.027 chrome steel





Profile bending machine22.03122cm Ø minimum profile curvature



Aluminiumalloy extrusion process in accordance with: ISO 9001:2008 –ISO 14001 / Tolerances defined by: UNE–EN 755–9 / UNE–EN 12020–2 Theoretical weight: 0.052kg / Alloy: 6063 / Perimeter: 49.5mm / Anodising minimum: 15 microns Aluminiumpurity: 95–98% / Material treatment: T–5 / Covers: methacrylate (greater protection against UV rays)



Made with Harmony led Profile Cortesy of Decovision

U

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PL.

-

250



led profile by Luz Negra

Our PROFESSIONAL led profileseries for surface applications is manufactured in high purity aluminium and available in silver anodised and lacquered white (on demand, we can offer different anodised and lacquered finishings). This profile can be used for many different purposes, not only surfaces, and also for hanging luminaires or similar where we require a more flexible profile which can adapt to certain bends and irregular shapes. Minimum bending radius radius must be of 22cm.

HARMONY XS

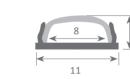
Suitable for led strips with a maximum width of 13mm and a power not greater than 20W/m. In order to obtain a more homogeneous illumination, we recommend combining it with our Cíes-Barcelona ecoled led strips.

We offer a 2 year guarantee on profiles and covers.



Scale 1:1





Scale 1:2





Aluminium profile 11.003 white lacquered 3m 11.004 silver anodised 3m



Clip

3m

3m

20.028 chrome steel

Plastic endcaps19.156white without hole19.157white with hole



Profile bending machine22.03122cm Ø minimum profile curvature





Polycarbonate cover

18.068 transparent

18.067 opal

Aluminiumalloy extrusion process in accordance with: ISO 9001:2008 -ISO 14001 / Tolerances defined by: UNE-EN 755-9 UNE-EN 12020-2 / Theoretical weight: 0.033kg / Alloy: 6063 / Perimeter: 34.3mm / Anodising minimum: 15 microns Aluminiumpurity: 95-98% / Material treatment: T-5/ Covers: methacrylate (greater protection against UV rays)

Flex&Cover

These are opaline, flexiblePVC covers which are ideal for outdoor use and treadable.

Specially indicated for applications where we need a curve (both concave and convex), such as in furniture, displays and similar. By applying pressure they are inserted into wooden surfaces, PVC, plaster, etc.

The led which is to be used, must have a power not greater than 14W/m unless it is used with compatible led profiles, indicated on page 40.

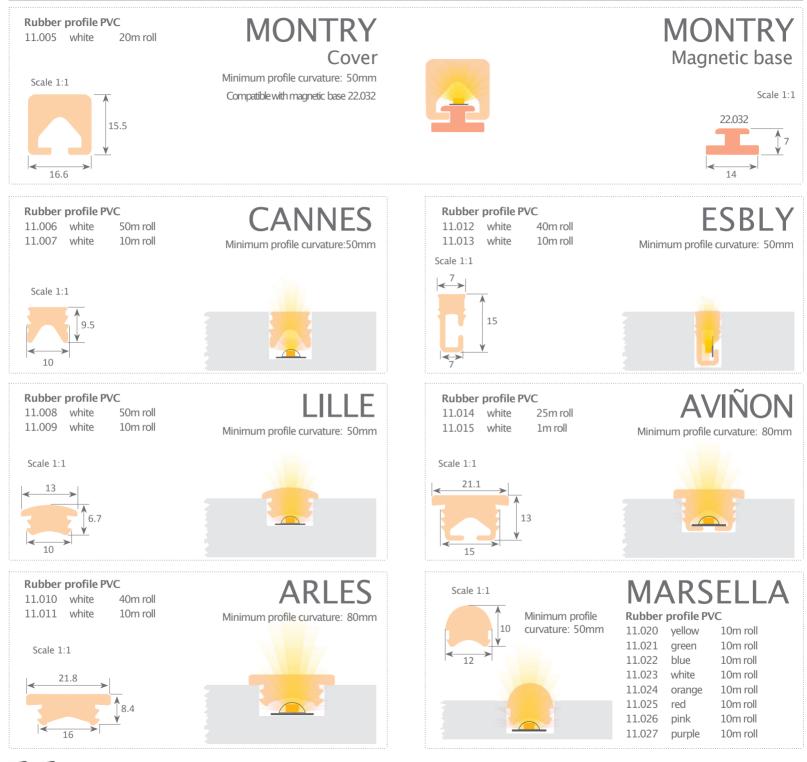
On demand we can supply any of these profiles in opaline colours (please check with our technical department).







led profile by Luz Negra



Aluminiumalloy Breaking load: 15

Aluminiumalloy extrusion, testing method: Volumetric mass ISO 1183/87/Shore hardness A: ISO 868/85 Breaking load: ISO R 527/66/Elongation: ISO R 527/66/Fire resistance: UL94







Flex&Cover by Luz Negra

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led profileby Luz Negra

LYON

Our BASIC led profile series for surface applications is manufactured in a grey coloured flexiblerubber (on demand, we can supply different finishings).

This profile is specially suitable for embedding into straight or curved wooden surfaces (minimum bending radius being 20cm).

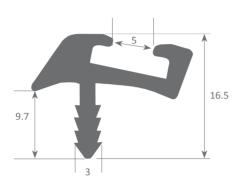
Suitable for led strips with a maximum width of 10mm and a power not greater than 10W/m. This profile does not have any cover, so we recommend using it with our Ibiza ecoled led strip, which offers an IP67 DUO protection layer (preventing dust and dirt from entering).

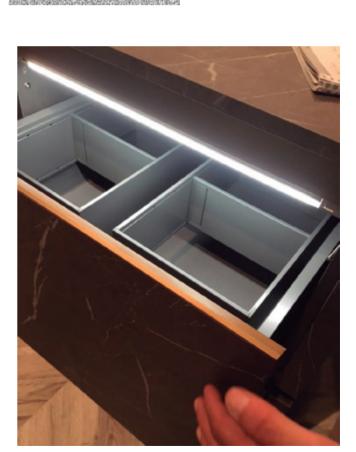
We offer a 2 year guarantee.

Scale 1:2



Scale 1:1







Rubber profile11.019grey1m





Aluminiumalloy extrusion, testing method: ISO 3302–1:1996CLASS E-2 / Elongation: 440% / Breaking resistance: 22KN/m Compression: 22% /Hardness: 60% /Measurements: 20.70 x 16.70mm Theoretical weight: 132gr/m



Our PROFESSIONAL led profile series for surfaces, manufactured in flexible plastic and available with a frosted finishing. It can be used for many purposes, where we require a more flexible profile which can be adapted to certain bends and irregular shapes, similar to a neon profile. It has a frontal minimumbending radius of 15cm and a side one of 25cm.

OREGON

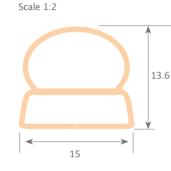
Suitable for led strips with a maximum width of 11mm and a power not greater than 15W/m. We recommend using our Ávila and Jerez ecoled led strips for side bending due to its M shaped PCB. In order to place the led inside we can use a leading thread .

We offer a 2 year guarantee.

Once the kit has been completed, the end caps can be fixed to the ends of the profiles in order to achieve a water-tightness of IP67.

Scale 1:1







Plastic profile 11.018 frosted

PI

5m





Clip 20.029 plastic



