2026 - EN

LED ALUMINUM PROFILES

FENIX PROFILES

ARDET NEC CONSUMITUR

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Design and Innovation

are the core of our business

Fenix Profiles creates aluminum profiles and diffusers that make LED lines look flawless and last longer. Engineered for thermal
management, easy installation, and seamless integration in furniture and architecture, our systems turn light into a reliable design too project after project.

Fenix Profiles was founded with a simple idea: when profiles are designed around the realities of site work, light looks better and projects run smoother. That's why our systems balance three things: design, durability, and installation speed.



Headquarters — Liechtenstein · Supplying Europe and beyond

From Liechtenstein to flawless light

Based in Liechtenstein at the heart of Europe, Fenix Profiles engineers aluminum profiles and diffusers that make LED lines clean, durable, and easy to install. With smart accessories and consistent finishes, our systems turn strips into architectural light reliably, on every project.

Customized assembling and OEM solutions

Fenix Profiles develops aluminum profiles and diffusers tailored to the requirements of your project. From precise cutting and assembling to powder-coated finishes in all RAL colors, our OEM service ensures that every lighting solution fits seamlessly.
With defined minimum order quantities, we can adapt profiles and covers from our standard range or produce completely customized lengths up to 6 m per system.
Our expertise guarantees smooth processing, consistent quality, and reliable delivery, making your vision a flawless reality.

Please note: All product information, dimensions, and illustrations in this catalogue serve only for description and visualization purposes. They do not constitute guaranteed characteristics unless expressly designated as such. Fenix Profiles reserves the right to make technical changes, adjustments, or product adaptations in line with updated standards or regulations at any time. Drawings, photos, and light representations are non-binding and not valid for delivery specifications. Fenix Solutions AG assumes no liability for direct, indirect, or consequential damages (including but not limited to lost profit, lost revenues, or economic loss) resulting from the use of this catalogue. Any use of texts, images, or layout elements without prior written consent is prohibited and will be legally pursued.

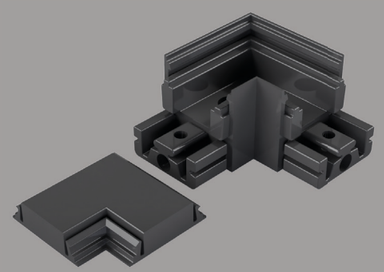
NO CUTTING.
JUST CONNECT.



High-Quality Materials

We understand that every project is unique. That’s why we offer customizable solutions to match your specific requirements.

With options like powder-coating in all RAL colors, varied profile lengths, and a wide selection of covers and accessories, we help you bring your vision to life with ease.

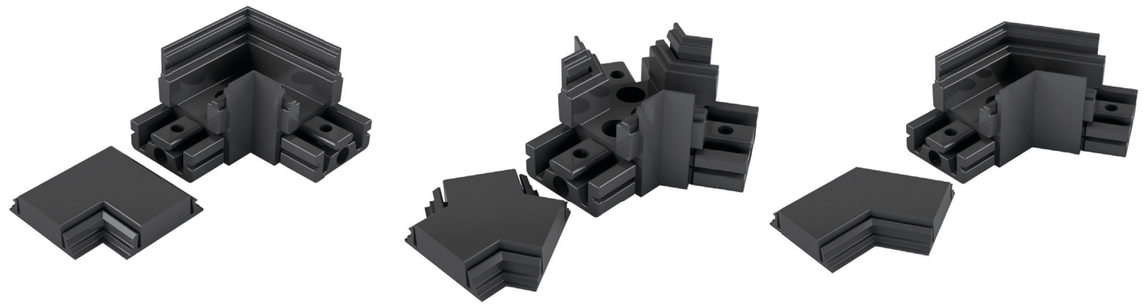


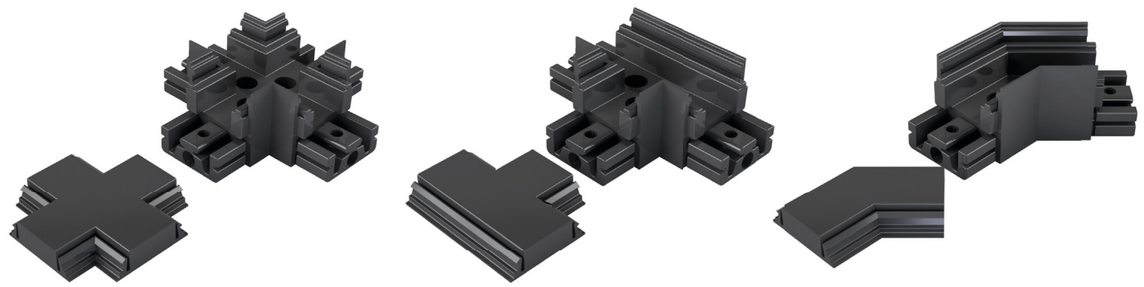
Smart Assembly and Zero Waste

Build complex geometries without a single cut

Traditional LED installation requires precise sawing, specialized tools, and time-consuming modifications. We have changed the rules. With the Fenix Modular System, you can put away the saw.

Our pre-engineered connectors, ranging from 90° corners to complex cross-pieces, allow you to build intricate lighting grids simply by plugging profiles together. This means zero debris, zero cutting errors, and a perfect finish in half the time.





This metro station required a lighting system that could withstand high traffic while delivering a futuristic aesthetic. By utilizing our modular connector system, we achieved complex geometric ceiling patterns without the need for custom on-site fabrication.

The connectors allowed for rapid assembly of the 90-degree turns and intersections, ensuring a seamless, continuous flow of light that perfectly complements the raw concrete architecture.



About Fenix Solutions

Innovative LED Solutions for Every Space

Fenix Solutions specializes in premium aluminum LED profiles and innovative lighting solutions. With a focus on quality and sustainability, we provide comprehensive solutions for residential, commercial, and architectural projects.

Our mission is to illuminate spaces with precision-engineered, sustainable lighting solutions that combine functionality with modern design.



High-Quality Materials

At Fenix Solutions, quality is at the core of everything we do. Our LED profiles are crafted from premium aluminum, ensuring exceptional heat dissipation, lightweight durability, and corrosion resistance. Complementing these profiles are our accessories, such as:

- Spring Steel Mounting Clips
- PETG End Caps

Tailored Solutions for Every Project

We understand that every project is unique. That's why we offer customizable solutions to match your specific requirements.

With options like powder-coating in all RAL colors, varied profile lengths, and a wide selection of covers and accessories, we help you bring your vision to life with ease.

Innovative Design and Performance

Our profiles are engineered with precision, offering features like:

- Optimal heat dissipation to prolong LED lifespan.
- Compact designs that integrate effortlessly into any space.

We continuously innovate to ensure our products meet the latest trends and technological standards in LED lighting.

Global Reach and Trusted Expertise

With clients across the globe, Fenix Solutions is a trusted name in LED lighting.
Our products are used by architects, designers, contractors, and DIY enthusiasts who rely on us for reliable performance, aesthetic appeal, and technical excellence.

Contact Fenix Solutions

We're here to help bring your lighting projects to life. Reach out to our team for product inquiries, customization options, or technical support.

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FENIX PROFILES
ARDET NEC CONSUMITUR

EXO-A0_8

LED ALU SURFACE PROFILE

LED STRIP MAX. 8 MM

ULTRASMAL **IP 20**

2Y WARRANTY

5Y UV-RESISTANCE

+ Ultraflat, ultraslim profile design
+ Very light with excellent stability
+ Smooth haptic without unnecessary cooling fins
+ Cover conceals the edges of the aluminum profile from the front view (aluminum invisible)

EXO-A0_8 LED ALU SURFACE PROFILE LED MAX.8MM | ULTRASMAL

Matching polycarbonate covers, PETG end caps with and without cable openings and spring steel mounting clips can be found on the following pages.

+ Cover flush with the profile
+ Perfect heat dissipation
+ Mounting clips available
+ Optimal protection of the LED light strip from dust and mechanical impacts

Mounting variations



Profile ALU ANODIZED
+
Cover TRANSPARENT (TL85%*)

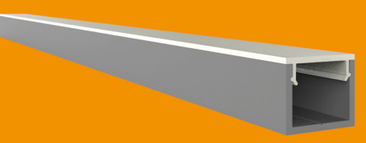


Profile WHITE RAL 9016
+
Cover OPAL SATIN (TL65%*)



Profile BLACK RAL 9005
+
Cover BLACK (TL55%*)
+
SPS-A0_8 BLACK SpringSteel

Cover colours can be combined to match the different coloured profiles depending on the project requirements. Please take the light transmission into account. *TL = translucency. Please note that we can only supply packaging units. This means that the minimum order quantity corresponds to one packaging unit. Sample orders are excluded. We also offer you a sample box with hand samples. Please contact us.



EXO-A0_8

LED ALU SURFACE PROFILE

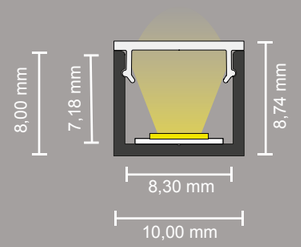
LED STRIP MAX. 8 MM

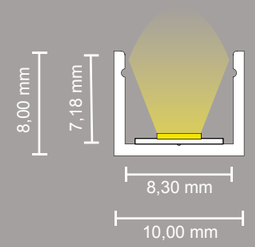
ULTRASMAL

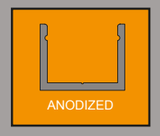
2m

The EXO-A0_8 profile offers a flat design, optimal heat dissipation, and protection for the LED light line, while remaining lightweight and stable. The EXO-A0_8 profile is available in various lengths and colors.



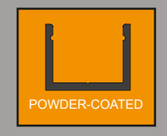






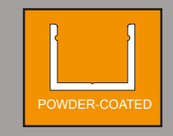
612000108308 ALUMINUM (2m)

2m = 90 pcs/ctn



632000108308 BLACK RAL9005 (2m)

2m = 90 pcs/ctn



622000108308 WHITE RAL9016 (2m)

2m = 90 pcs/ctn

The light emission shown in the sketches does not correspond to the actual photometric measurement results. These are symbolic illustrations.

Material Specification

The A0_8 LED profile is available in three high-quality finishes to suit various design needs:

- Anodized Aluminum
- Black RAL9005
- White RAL9016

The Anodized Aluminum finish offers a durable 15-micron layer, providing excellent protection against wear and corrosion. For the Black and White options, a robust 25-micron powder coating is applied, ensuring a sleek, long-lasting finish. Additionally, for applications requiring extra durability and moisture resistance, PUR Casting is available on request, making this profile versatile and adaptable to different environments We care about enviromental sustainabillity. For this reason, recycled aluminum is used to produce our products.

Our covers are made of polycarbonate with UL94 V-2 flammability classification: Extinguishing of a vertically clamped sample within 30 seconds

Material Compostition of 6063-T5 Aluminum

Aluminum anodized = 15 micron
Aluminum powder-coated = 25 micron
Not chlorine/saltwater resistant

Magnesium	Minimum 0.45%, Maximum 0.9%
Silicon	Minimum 0.2%, Maximum 0.6%
Manganese	No minimum, Maximum 0.10%
Iron	No minimum, Maximum 0.35%
Copper	No minimum, Maximum 0.10%
Chromium	No minimum, Maximum 0.10%

Powder coating in all RAL colours possible on request, subject to a corresponding minimum quantity! This material can be drilled and sawn using suitable machines and the appropriate speed.

Suitable Covers

PC43_10 COVER FLAT F. LED ALU-PROFILES
EXO-A0/F0 | POLYCARBONAT

Cover conceals the edges of the aluminium profile in the front view

2m
10m
100m

Covers are matching with the following profile types:

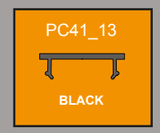
EXO-A0_8

EXO-F0_10



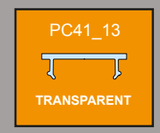
65% light transmission

412001010000 (2m) = 300 pcs/ctn
411000010000 (10m) = 50 pcs/ctn
411000001000 (100m) = 1 pcs/ctn



55% light transmission

432001010000 (2m) = 300 pcs/ctn
431000010000 (10m) = 50 pcs/ctn
431000001000 (100m) = 1 pcs/ctn



85% light transmission

442001010000 (2m) = 300 pcs/ctn

10m rolled in PE-bag | 80m on roll in carton (cover dispenser – easy pull and cut)

Endcaps

Type: with hole | without hole
Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)



■	CAP-A0 Endcap | with hole | alu-silver	510002108308
■	CAP-A0 Endcap | without hole | alu-silver	510001108308



□	CAP-A0 Endcap | with hole | white	520002108308
□	CAP-A0 Endcap | without hole | white	520001108308



■	CAP-A0 Endcap | with hole | black	530002108308
■	CAP-A0 Endcap | without hole | black	530001108308

Mounting Clip

Finishes: aluminum-silver | white | black
Material: spring steel



■	SPS-A0_8 silver SpringSteel	311000000010



■	SPS-A0_8 black SpringSteel	331000000010



□	SPS-A0_8 white SpringSteel	321000000010

Key Advantages of the
EXO-A0_8 LED Profile

LED SURFACE PROFILE

- ALUMINUM SILVER ANODIZED
- BLACK RAL9005 POWDER-COATED
- WHITE RAL9016 POWDER-COATED

High-Quality Covers in Various Translucencies for Perfect Light Distribution

Our polycarbonate covers are available in different colors and light translucencies. These covers provide even light distribution, ensuring your LED strips emit light uniformly without visible transitions. The milky cover creates a diffused light that is ideal for applications where uniform, soft lighting is desired. Our covers are available in lengths up to 100 m on a roll, making them the perfect choice for seamless installations.

Comprehensive Accessories for Professional Installation

We offer matching accessories such as PETG end caps and spring steel mounting clips. These components provide additional protection for your installations and allow for easy and secure mounting of the profile. The accessories are specifically designed to help you achieve professional and aesthetically pleasing results.



EXO-A0_8 – The Ideal Choice for Those with the Highest Demands on LED Lighting Projects

What Are Surface-Mounted LED Profiles?

Surface-mounted profiles are LED lighting channels that are installed directly onto flat surfaces, such as walls, ceilings, or furniture. Unlike recessed profiles, they do not require cutting into surfaces, making them a convenient option for a wide range of lighting designs. Crafted from high-quality aluminum, these profiles ensure optimal heat dissipation, enhancing the lifespan and performance of LED strips.

Why Choose Fenix Solutions?

At Fenix Solutions, we pride ourselves on delivering innovative LED profiles that cater to the highest standards of quality and design. Our surface-mounted profiles are compatible with all major LED strip brands, offering a versatile solution for designers, architects, and DIY enthusiasts alike. With a commitment to sustainability, we craft our profiles using recycled aluminum, ensuring an eco-friendly approach to modern lighting.

Explore our catalogue to discover the perfect surface-mounted LED profiles for your next project. Whether you're looking to add soft ambient lighting to a cozy home or create striking effects in a retail setting, Fenix Solutions has you covered.



FENIX PROFILES
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EXO-A1_13

LED ALU SURFACE PROFILE

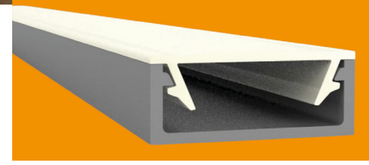
LED STRIP MAX. 13 MM

ULTRAFLAT **IP 20**

2m 3m | 2m 3m | 2m 3m

2Y WARRANTY

5Y UV-RESISTANCE



EXO-A1_13 LED ALU SURFACE PROFILE LED MAX.13MM | ULTRAFLAT

Matching polycarbonate covers, PETG end caps with and without cable openings and spring steel mounting clips can be found on the following pages.

+ Ultraflat, ultraslim profile design
+ Mounting clips available
+ Very light with excellent stability
+ Cover conceals the edges of the aluminum profile from the front view (aluminum invisible)
+ Cover flush with the profile
+ Perfect heat dissipation
+ Smooth feel without unnecessary cooling fins
+ Optimal protection of the LED light strip from dust and mechanical impacts

Mounting variations



Profile ALU ANODIZED
+
Cover TRANSPARENT (TL85%*)



Profile WHITE RAL 9016
+
Cover OPAL SATIN (TL65%*)



Profile BLACK RAL 9005
+
Cover BLACK (TL55%*)
+
SPS-A1_13 BLACK SpringSteel

Cover colours can be combined to match the different coloured profiles depending on the project requirements. Please take the light transmission into account. *TL = translucency. Please note that we can only supply packaging units. This means that the minimum order quantity corresponds to one packaging unit. Sample orders are excluded. We also offer you a sample box with hand samples. Please contact us.



EXO-A1_13

LED ALU SURFACE PROFILE

LED STRIP MAX. 13 MM

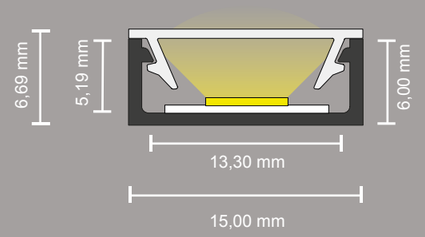
ULTRAFLAT

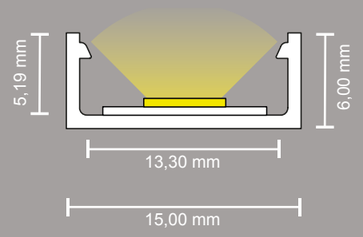
2m

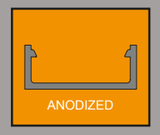
3m

The EXO-A1_13 profile offers a flat design, optimal heat dissipation, and protection for the LED light line, while remaining lightweight and stable. The EXO-A1_13 profile is available in various lengths and colors.



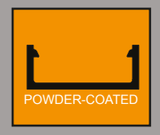






612000113306 ALUMINUM (2m)
612000113306 ALUMINUM (3m)

2m = 90 pcs/ctn | 3m = 90 pcs/ctn



612000113306 BLACK RAL9005 (2m)
612000113306 BLACK RAL9005 (3m)

2m = 90 pcs/ctn | 3m = 90 pcs/ctn



612000113306 WHITE RAL9016 (2m)
612000113306 WHITE RAL9016 (3m)

2m = 90 pcs/ctn | 3m = 90 pcs/ctn

The light emission shown in the sketches does not correspond to the actual photometric measurement results. These are symbolic illustrations.

Material Specification

The A1_13 LED profile is available in three high-quality finishes to suit various design needs:

- Anodized Aluminum
- Black RAL9005
- White RAL9016

The Anodized Aluminum finish offers a durable 15-micron layer, providing excellent protection against wear and corrosion. For the Black and White options, a robust 25-micron powder coating is applied, ensuring a sleek, long-lasting finish. Additionally, for applications requiring extra durability and moisture resistance, PUR Casting is available on request, making this profile versatile and adaptable to different environments We care about enviromental sustainabillity. For this reason, recycled aluminum is used to produce our products.

Our covers are made of polycarbonate with UL94 V-2 flammability classification: Extinguishing of a vertically clamped sample within 30 seconds

Material Compostition of 6063-T5 Aluminum

Aluminum anodized = 15 micron
Aluminum powder-coated = 25 micron
Not chlorine/saltwater resistant

Magnesium	Minimum 0.45%, Maximum 0.9%
Silicon	Minimum 0.2%, Maximum 0.6%
Manganese	No minimum, Maximum 0.10%
Iron	No minimum, Maximum 0.35%
Copper	No minimum, Maximum 0.10%
Chromium	No minimum, Maximum 0.10%

Powder coating in all RAL colours possible on request, subject to a corresponding minimum quantity! This material can be drilled and sawn using suitable machines and the appropriate speed.

Suitable Covers

PC41_13 COVER FLAT F. LED ALU-PROFILES
EXO-A1/A1F/A2/A2F | POLYCARBONAT

Cover conceals the edges of the aluminium profile in the front view

2m
3m
10m
80m

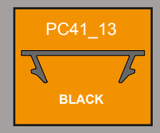
Covers are matching with the following profile types:

EXO-A1_13 | EXO-A2_13
EXO-A1F_13 | EXO-A2F_13



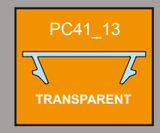
65% light transmission

412001015000 (2m) = 300 pcs/ctn
413001015000 (3m) = 200 pcs/ctn
411000150000 (10m) = 50 pcs/ctn
418000150000 (80m) = 1 pcs/ctn



55% light transmission

432001015000 (2m) = 300 pcs/ctn
431000150000 (10m) = 50 pcs/ctn
438000150000 (80m) = 1 pcs/ctn



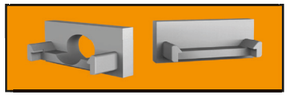
85% light transmission

442001015000 (2m) = 300 pcs/ctn

10m rolled in PE-bag | 80m on roll in carton (cover dispenser – easy pull and cut)

Endcaps

Type: with hole | without hole
Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)



CAP-A1 Endcap | with hole | alu-silver — 510002113306
CAP-A1 Endcap | without hole | alu-silver — 510001113306



CAP-A1 Endcap | with hole | white — 520002113306
CAP-A1 Endcap | without hole | white — 520001113306



CAP-A1 Endcap | with hole | black — 530002113306
CAP-A1 Endcap | without hole | black — 530001113306

Mounting Clip

Finishes: aluminum-silver | white | black
Material: spring steel



SPS-A1_13 silver SpringSteel — 311000000006



SPS-A1_13 black SpringSteel — 331000000006



SPS-A1_13 white SpringSteel — 321000000006

Connectors

Angles: 90° | 120° | 135° | 180°
Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)



	CON-A1 Connector 90° | alu-silver	510006113306
	CON-A1 Connector 90° | white	520006113306
	CON-A1 Connector 90° | black	530006113306



	CON-A1 Connector 120° | alu-silver	510003113306
	CON-A1 Connector 120° | white	520003113306
	CON-A1 Connector 120° | black	530003113306



	CON-A1 Connector 135° | alu-silver	510004113306
	CON-A1 Connector 135° | white	520004113306
	CON-A1 Connector 135° | black	530004113306



	CON-A1 Connector 180° | alu-silver	510005113306
	CON-A1 Connector 180° | white	520005113306
	CON-A1 Connector 180° | black	530005113306

Magnetic Mounts

Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)



	MAG-A1 Magnet holder | alu-silver	510007113306
	MAG-A1 Magnet holder | white	520007113306
	MAG-A1 Magnet holder | black	530007113306

Key Advantages of the
EXO-A1_13 LED Profile
LED SURFACE PROFILE

High-Quality Covers in Various Translucencies for Perfect Light Distribution

Our polycarbonate covers are available in different colors and light translucencies. These covers provide even light distribution, ensuring your LED strips emit light uniformly without visible transitions. The milky cover creates a diffused light that is ideal for applications where uniform, soft lighting is desired. Our covers are available in lengths up to 100 m on a roll, making them the perfect choice for seamless installations.





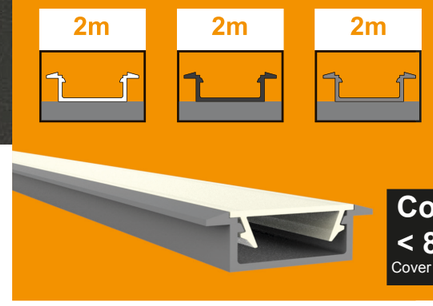
FENIX PROFILES
ARDET NEC CONSUMITUR

EXO-A1F_13

LED ALU RECESSED PROFILE

LED STRIP MAX. 13 MM

ULTRAFLAT + WINGS **IP 20**



2Y WARRANTY

5Y UV-RESISTANCE

EXO-A1F_13 LED ALU RECESSED PROFILE LED MAX.13MM | ULTRAFLAT + WINGS

Matching polycarbonate covers, PETG end caps with and without cable openings and spring steel mounting clips can be found on the following pages.

+ Ultraflat, ultraslim profile design
+ Mounting clips available
+ Flat cover design
+ Cover conceals the edges of the aluminum profile from the front view (aluminum invisible)

+ Very lightweight with excellent stability
+ Perfect heat dissipation
+ Smooth feel without unnecessary cooling fins
+ Optimal protection of the LED light strip from dust and mechanical impacts

Mounting variations



Profile ALU ANODIZED
+
Cover TRANSPARENT (TL85%*)

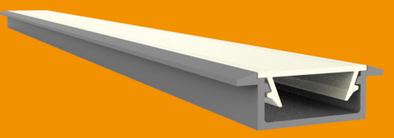


Profile WHITE RAL 9016
+
Cover OPAL SATIN (TL65%*)



Profile BLACK RAL 9005
+
Cover BLACK (TL55%*)

Cover colours can be combined to match the different coloured profiles depending on the project requirements. Please take the light transmission into account. *TL = translucency. Please note that we can only supply packaging units. This means that the minimum order quantity corresponds to one packaging unit. Sample orders are excluded. We also offer you a sample box with hand samples. Please contact us.



EXO-A1F_13

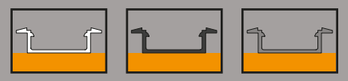
LED ALU RECESSED PROFILE

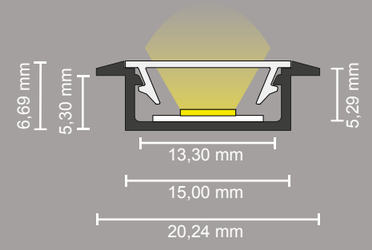
LED STRIP MAX. 13 MM

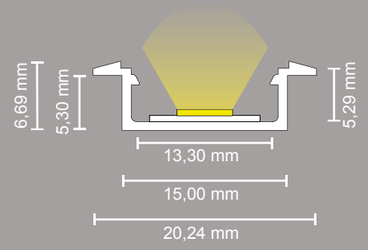
ULTRAFLAT + WINGS

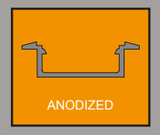
2m

The EXO-A1F_13 profile offers a flat design, optimal heat dissipation, and protection for the LED light line, while remaining lightweight and stable. The EXO-A1F_13 profile is available in various lengths and colors.









612000213306 ALUMINUM (2m)

2m = 90 pcs/ctn



632000213306 BLACK RAL9005 (2m)

2m = 90 pcs/ctn



622000213306 WHITE RAL9016 (2m)

2m = 90 pcs/ctn

The light emission shown in the sketches does not correspond to the actual photometric measurement results. These are symbolic illustrations.

Material Specification

The A1F_13 LED profile is available in three high-quality finishes to suit various design needs:

- Anodized Aluminum
- Black RAL9005
- White RAL9016

The Anodized Aluminum finish offers a durable 15-micron layer, providing excellent protection against wear and corrosion. For the Black and White options, a robust 25-micron powder coating is applied, ensuring a sleek, long-lasting finish. Additionally, for applications requiring extra durability and moisture resistance, PUR Casting is available on request, making this profile versatile and adaptable to different environments We care about enviromental sustainabillity. For this reason, recycled aluminum is used to produce our products.

Our covers are made of polycarbonate with UL94 V-2 flammability classification: Extinguishing of a vertically clamped sample within 30 seconds

Material Compostition of 6063-T5 Aluminum

Aluminum anodized = 15 micron
Aluminum powder-coated = 25 micron
Not chlorine/saltwater resistant

Magnesium	Minimum 0.45%, Maximum 0.9%
Silicon	Minimum 0.2%, Maximum 0.6%
Manganese	No minimum, Maximum 0.10%
Iron	No minimum, Maximum 0.35%
Copper	No minimum, Maximum 0.10%
Chromium	No minimum, Maximum 0.10%

Powder coating in all RAL colours possible on request, subject to a corresponding minimum quantity! This material can be drilled and sawn using suitable machines and the appropriate speed.

Suitable Covers

PC41_13 COVER FLAT F. LED ALU-PROFILES
EXO-A1/A1F/A2/A2F | POLYCARBONAT

Cover conceals the edges of the aluminium profile in the front view

2m
3m
10m
80m

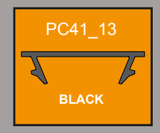
Covers are matching with the following profile types:

EXO-A1_13 | EXO-A2_13 | EXO-A1F_13 | EXO-A2F_13



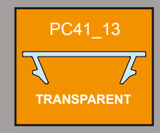
65% light transmission

412001015000 (2m) = 300 pcs/ctn
413001015000 (3m) = 200 pcs/ctn
411000150000 (10m) = 50 pcs/ctn
418000150000 (80m) = 1 pcs/ctn



55% light transmission

432001015000 (2m) = 300 pcs/ctn
431000150000 (10m) = 50 pcs/ctn
438000150000 (80m) = 1 pcs/ctn



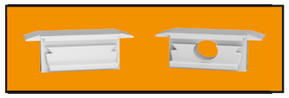
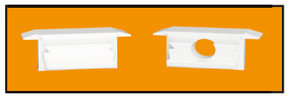
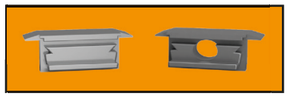
85% light transmission

442001015000 (2m) = 300 pcs/ctn

10m rolled in PE-bag | 80m on roll in carton (cover dispenser – easy pull and cut)

Endcaps

Type: with hole | without hole
Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)

	CAP-A1F Endcap | with hole | alu-silver	510002213306
	CAP-A1F Endcap | without hole | alu-silver	510001213306
	CAP-A1F Endcap | with hole | white	520002213306
	CAP-A1F Endcap | without hole | white	520001213306
	CAP-A1F Endcap | with hole | black	530002213306
	CAP-A1F Endcap | without hole | black	530001213306
	CAP-A1F Endcap | Flush | with hole | alu-silver	510004213306
	CAP-A1F Endcap | Flush | without hole | alu-silver	510003213306
	CAP-A1F Endcap | Flush | with hole | white	520004213306
	CAP-A1F Endcap | Flush | without hole | white	520003213306
	CAP-A1F Endcap | Flush | with hole | black	530004213306
	CAP-A1F Endcap | Flush | without hole | black	530003213306

Key Advantages of the
EXO-A1F_13 LED Profile

LED RECESSED PROFILE

- ALUMINUM SILVER ANODIZED
- BLACK RAL9005 POWDER-COATED
- WHITE RAL9016 POWDER-COATED

High-Quality Covers in Various Translucencies for Perfect Light Distribution

Our polycarbonate covers are available in different colors and light translucencies. These covers provide even light distribution, ensuring your LED strips emit light uniformly without visible transitions. The milky cover creates a diffused light that is ideal for applications where uniform, soft lighting is desired. Our covers are available in lengths up to 100 m on a roll, making them the perfect choice for seamless installations.

Comprehensive Accessories for Professional Installation

We offer matching accessories such as PETG end caps and spring steel mounting clips. These components provide additional protection for your installations and allow for easy and secure mounting of the profile. The accessories are specifically designed to help you achieve professional and aesthetically pleasing results.



EXO-A1F_13 – The Ideal Choice for Those with the Highest Demands on LED Lighting Projects

What Are Recessed LED Profiles?

Recessed LED profiles are aluminum channels specifically designed to house LED strips within surfaces such as walls, ceilings, and furniture. By embedding the profiles into the structure, they create a seamless lighting effect with no visible fixtures. This clean, minimalist approach enhances the overall design while ensuring efficient heat dissipation for long-lasting LED performance.

Why Choose Fenix Solutions?

At Fenix Solutions, we combine expertise and innovation to deliver recessed LED profiles that meet the highest standards of design and functionality. Our profiles are trusted by architects, designers, and contractors for their precision-engineered performance and aesthetic versatility.

With a wide range of recessed profiles, accessories, and custom options, we provide solutions for projects of any scale. From creating soft, ambient lighting in residential spaces to bold, statement lighting in commercial settings, Fenix Solutions is your partner for premium LED profiles.



FENIX PROFILES
ARDET NEC CONSUMITUR

EXO-A2_13

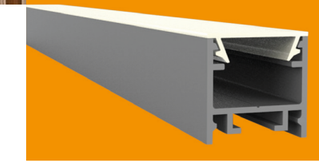
LED ALU SURFACE PROFILE

LED STRIP MAX. 13 MM

NARROW **IP 20**

2m 2m 2m 3m

2Y WARRANTY **5Y UV-RESISTANCE**



Covers < 80 m Cover Dispenser

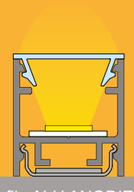
+ Slim, square profile design
+ Mounting clips available
+ Cover flush with the profile
+ Cover conceals the edges of the aluminum profile from the front view (aluminum invisible)

EXO-A2_13 LED ALU SURFACE PROFILE LED MAX.13MM | NARROW

Matching polycarbonate covers, PETG end caps with and without cable openings and spring steel mounting clips can be found on the following pages.

+ Very lightweight with excellent stability
+ Perfect heat dissipation
+ Smooth feel without unnecessary cooling fins
+ Optimal protection of the LED light strip from dust and mechanical impacts

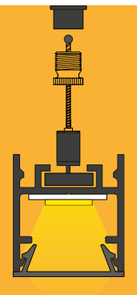
Mounting variations



Profile ALU ANODIZED
+
Cover TRANSPARENT (TL85%*)
+
SPS-A2_13 SILVER SpringSteel

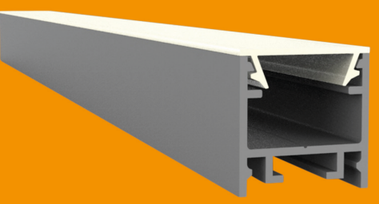


Profile WHITE RAL 9016
+
Cover OPAL SATIN (TL65%*)



Profile BLACK RAL 9005
+
Cover BLACK (TL55%*)
+
SKIT-A2_13 Suspension System BLACK

Cover colours can be combined to match the different coloured profiles depending on the project requirements. Please take the light transmission into account. *TL = translucency. Please note that we can only supply packaging units. This means that the minimum order quantity corresponds to one packaging unit. Sample orders are excluded. We also offer you a sample box with hand samples. Please contact us.



EXO-A2_13

LED ALU SURFACE PROFILE

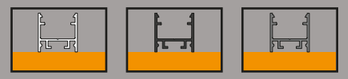
LED STRIP MAX. 13 MM

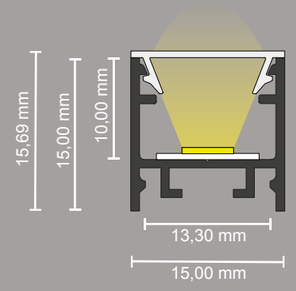
NARROW

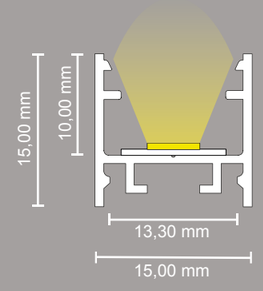
2m

3m

The EXO-A2_13 profile offers a flat design, optimal heat dissipation, and protection for the LED light line, while remaining lightweight and stable. The EXO-A2_13 profile is available in various lengths and colors







ANODIZED

612000113315 ALUMINUM (2m)
613000113315 ALUMINUM (3m)

2m = 30 pcs/ctn | 3m = 30 pcs/ctn

POWDER-COATED

632000113315 BLACK RAL9005 (2m)

2m = 30 pcs/ctn

POWDER-COATED

622000113315 WHITE RAL9016 (2m)

2m = 30 pcs/ctn

The light emission shown in the sketches does not correspond to the actual photometric measurement results. These are symbolic illustrations.

Material Specification

The A2_13 LED profile is available in three high-quality finishes to suit various design needs:

- Anodized Aluminum
- Black RAL9005
- White RAL9016

The Anodized Aluminum finish offers a durable 15-micron layer, providing excellent protection against wear and corrosion. For the Black and White options, a robust 25-micron powder coating is applied, ensuring a sleek, long-lasting finish. Additionally, for applications requiring extra durability and moisture resistance, PUR Casting is available on request, making this profile versatile and adaptable to different environments We care about enviromental sustainabillity. For this reason, recycled aluminum is used to produce our products.

Our covers are made of polycarbonate with UL94 V-2 flammability classification: Extinguishing of a vertically clamped sample within 30 seconds

Material Compostition of 6063-T5 Aluminum

Aluminum anodized = 15 micron
Aluminum powder-coated = 25 micron
Not chlorine/saltwater resistant

Magnesium	Minimum 0.45%, Maximum 0.9%
Silicon	Minimum 0.2%, Maximum 0.6%
Manganese	No minimum, Maximum 0.10%
Iron	No minimum, Maximum 0.35%
Copper	No minimum, Maximum 0.10%
Chromium	No minimum, Maximum 0.10%

Powder coating in all RAL colours possible on request, subject to a corresponding minimum quantity! This material can be drilled and sawn using suitable machines and the appropriate speed.

Suitable Covers

PC41_13 COVER FLAT F. LED ALU-PROFILES
EXO-A1/A1F/A2/A2F | POLYCARBONAT

Cover conceals the edges of the aluminium profile in the front view

2m
3m
10m
80m

Covers are matching with the following profile types:

EXO-A1_13 | EXO-A2_13 | EXO-A1F_13 | EXO-A2F_13

PC41_13 OPAL SATIN

65% light transmission

412001015000 (2m) = 300 pcs/ctn
413001015000 (3m) = 200 pcs/ctn
411000150000 (10m) = 50 pcs/ctn
418000150000 (80m) = 1 pcs/ctn

PC41_13 BLACK

55% light transmission

432001015000 (2m) = 300 pcs/ctn
431000150000 (10m) = 50 pcs/ctn
438000150000 (80m) = 1 pcs/ctn

PC41_13 TRANSPARENT

85% light transmission

442001015000 (2m) = 300 pcs/ctn

10m rolled in PE-bag | 80m on roll in carton (cover dispenser – easy pull and cut)

Endcaps

Type: with hole | without hole
Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)



■	CAP-A2 Endcap | with hole | alu-silver	510002113315
■	CAP-A2 Endcap | without hole | alu-silver	510001113315



□	CAP-A2 Endcap | with hole | white	520002113315
□	CAP-A2 Endcap | without hole | white	520001113315



■	CAP-A2 Endcap | with hole | black	530002113315
■	CAP-A2 Endcap | without hole | black	530001113315

Mounting Clip

Finishes: aluminum-silver
Material: spring steel



■ SPS-A2_13 silver SpringSteel 311000000003

Connectors

Angles: 90° | 120° | 135° | 180° | T | X | inner corner 90° | outer corner 90°
Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)

	CON-A2 Connector 90° | alu-silver	510006113315
	CON-A2 Connector 90° | white	520006113315
	CON-A2 Connector 90° | black	530006113315
	CON-A2 Connector 120° | alu-silver	510003113315
	CON-A2 Connector 120° | white	520003113315
	CON-A2 Connector 120° | black	530003113315
	CON-A2 Connector 135° | alu-silver	510004113315
	CON-A2 Connector 135° | white	520004113315
	CON-A2 Connector 135° | black	530004113315
	CON-A2 Connector 180° | alu-silver	510005113315
	CON-A2 Connector 180° | white	520005113315
	CON-A2 Connector 180° | black	530005113315
	CON-A2 Connector T | alu-silver	510022113315
	CON-A2 Connector T | white	520022113315
	CON-A2 Connector T | black	530022113315
	CON-A2 Connector X | alu-silver	510023113315
	CON-A2 Connector X | white	520023113315
	CON-A2 Connector X | black	530023113315
	CON-A2 Connector 90° | inner corner | alu-silver	510008113315
	CON-A2 Connector 90° | inner corner | white	520008113315
	CON-A2 Connector 90° | inner corner | black	530008113315
	CON-A2 Connector 90° | outer corner | alu-silver	510007113315
	CON-A2 Connector 90° | outer corner | white	520007113315
	CON-A2 Connector 90° | outer corner | black	530007113315

Wall Mounts

Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)

	WAN-A2 Wall Mount | alu-silver	510019113315
	WAN-A2 Wall Mount | white	520019113315
	WAN-A2 Wall Mount | black	530019113315

Magnetic Mounts

Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)

	MAG-A2 Magnetic Mount | alu-silver	510013113315
	MAG-A2 Magnetic Mount | white	520013113315
	MAG-A2 Magnetic Mount | black	530013113315

Corner Connectors

Angles: 90° | 120° | 135°
Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)

	VMD-A2 Corner Connector 90° | alu-silver	510017113315
	VMD-A2 Corner Connector 90° | white	520017113315
	VMD-A2 Corner Connector 90° | black	530017113315
	VMD-A2 Corner Connector 120° | alu-silver	510015113315
	VMD-A2 Corner Connector 120° | white	520015113315
	VMD-A2 Corner Connector 120° | black	530015113315
	VMD-A2 Corner Connector 135° | alu-silver	510016113315
	VMD-A2 Corner Connector 135° | white	520016113315
	VMD-A2 Corner Connector 135° | black	530016113315
	VMD-A2 Corner Connector honey | alu-silver	510018113315
	VMD-A2 Corner Connector honey | white	520018113315
	VMD-A2 Corner Connector honey | black	530018113315
	VMD-A2 Corner Connector T | alu-silver	510020113315
	VMD-A2 Corner Connector T | white	520020113315
	VMD-A2 Corner Connector T | black	530020113315
	VMD-A2 Corner Connector X | alu-silver	510021113315
	VMD-A2 Corner Connector X | white	520021113315
	VMD-A2 Corner Connector X | black	530021113315
	VMD-A2 Corner Connector 90° | inner corner | alu-silver	510024113315
	VMD-A2 Corner Connector 90° | inner corner | white	520024113315
	VMD-A2 Corner Connector 90° | inner corner | black	530024113315
	VMD-A2 Corner Connector 90° | outer corner | alu-silver	510025113315
	VMD-A2 Corner Connector 90° | outer corner | white	520025113315
	VMD-A2 Corner Connector 90° | outer corner | black	530025113315

Enclosed Endcaps

Opening: left | right | downside
Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)



■	END-A2 Endcap | opening left | alu-silver	510010113315
□	END-A2 Endcap | opening left | white	520010113315
■	END-A2 Endcap | opening left | black	530010113315



■	END-A2 Endcap | opening right | alu-silver	510011113315
□	END-A2 Endcap | opening right | white	520011113315
■	END-A2 Endcap | opening right | black	530011113315



■	END-A2 Endcap | opening downside | alu-silver	510012113315
□	END-A2 Endcap | opening downside | white	520012113315
■	END-A2 Endcap | opening downside | black	530012113315

Suspension systems

Finishes: aluminum-silver | white | black
Material: brass

■	SKIT-A2/N2 suspension system | 1,5m | alu-silver	211504000010
□	SKIT-A2/N2 suspension system | 1,5m | white	221504000010
■	SKIT-A2/N2 suspension system | 1,5m | black	231504000010



FENIX PROFILES
ARDET NEC CONSUMITUR

EXO-A2F_13

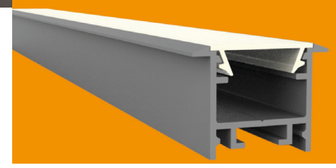
LED ALU RECESSED PROFILE

LED STRIP MAX. 13 MM

NARROW + WINGS **IP 20**

2Y WARRANTY

5Y UV-RESISTANCE



Covers < 80 m
Cover Dispenser

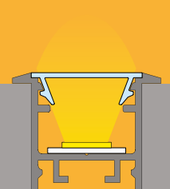
EXO-A2F_13 LED ALU RECESSED PROFILE LED MAX.13MM | NARROW + WINGS

Matching polycarbonate covers, PETG end caps with and without cable openings and spring steel mounting clips can be found on the following pages.

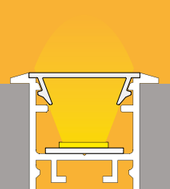
+ Slim, square profile design
+ Mounting clips available
+ Rear recesses for concealed cable
+ Cover conceals the edges of the aluminum profile from the front view (aluminum invisible)

+ Very lightweight with excellent stability
+ Perfect heat dissipation
+ Smooth feel without unnecessary cooling fins
+ Optimal protection of the LED light strip from dust and mechanical impacts

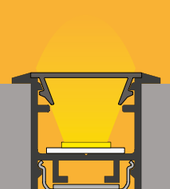
Mounting variations



Profile ALU ANODIZED
+
Cover TRANSPARENT (TL85%*)

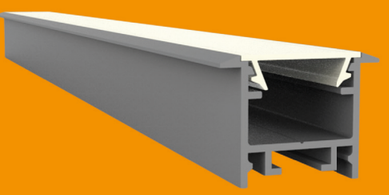


Profile WHITE RAL 9016
+
Cover OPAL SATIN (TL65%*)



Profile BLACK RAL 9005
+
Cover BLACK (TL55%*)
+
SPS-A2F_13 BLACK SpringSteel

Cover colours can be combined to match the different coloured profiles depending on the project requirements. Please take the light transmission into account. *TL = translucency. Please note that we can only supply packaging units. This means that the minimum order quantity corresponds to one packaging unit. Sample orders are excluded. We also offer you a sample box with hand samples. Please contact us.



EXO-A2F_13

LED ALU RECESSED PROFILE

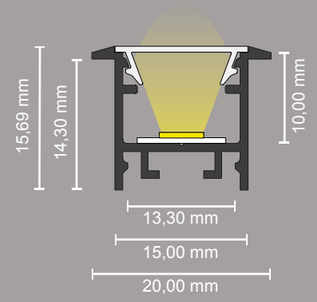
LED STRIP MAX. 13 MM

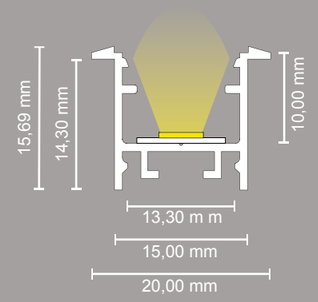
NARROW + WINGS

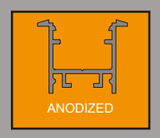
2m

The EXO-A2F_13 profile offers a flat design, optimal heat dissipation, and protection for the LED light line, while remaining lightweight and stable. The EXO-A2F_13 profile is available in various lengths and colors.









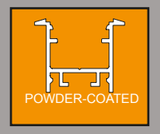
612000213315 ALUMINUM (2m)

2m = 28 pcs/ctn



632000213315 BLACK RAL9005 (2m)

2m = 28 pcs/ctn



622000213315 WHITE RAL9016 (2m)

2m = 28 pcs/ctn

The light emission shown in the sketches does not correspond to the actual photometric measurement results. These are symbolic illustrations.

Material Specification

The A2F_13 LED profile is available in three high-quality finishes to suit various design needs:

- Anodized Aluminum
- Black RAL9005
- White RAL9016

The Anodized Aluminum finish offers a durable 15-micron layer, providing excellent protection against wear and corrosion. For the Black and White options, a robust 25-micron powder coating is applied, ensuring a sleek, long-lasting finish. Additionally, for applications requiring extra durability and moisture resistance, PUR Casting is available on request, making this profile versatile and adaptable to different environments We care about enviromental sustainabillity. For this reason, recycled aluminum is used to produce our products.

Our covers are made of polycarbonate with UL94 V-2 flammability classification: Extinguishing of a vertically clamped sample within 30 seconds

Material Compostition of 6063-T5 Aluminum

Aluminum anodized = 15 micron
Aluminum powder-coated = 25 micron
Not chlorine/saltwater resistant

Magnesium	Minimum 0.45%, Maximum 0.9%
Silicon	Minimum 0.2%, Maximum 0.6%
Manganese	No minimum, Maximum 0.10%
Iron	No minimum, Maximum 0.35%
Copper	No minimum, Maximum 0.10%
Chromium	No minimum, Maximum 0.10%

Powder coating in all RAL colours possible on request, subject to a corresponding minimum quantity! This material can be drilled and sawn using suitable machines and the appropriate speed.

Suitable Covers

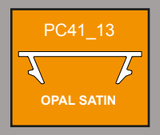
PC41_13 COVER FLAT F. LED ALU-PROFILES
EXO-A1/A1F/A2/A2F | POLYCARBONAT

Cover conceals the edges of the aluminium profile in the front view

2m
3m
10m
80m

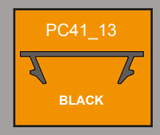
Covers are matching with the following profile types:

EXO-A1_13 | EXO-A2_13
EXO-A1F_13 | EXO-A2F_13



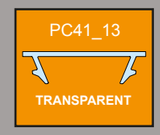
65% light transmission

412001015000 (2m) = 300 pcs/ctn
413001015000 (3m) = 200 pcs/ctn
411000150000 (10m) = 50 pcs/ctn
418000150000 (80m) = 1 pcs/ctn



55% light transmission

432001015000 (2m) = 300 pcs/ctn
431000150000 (10m) = 50 pcs/ctn
438000150000 (80m) = 1 pcs/ctn



85% light transmission

442001015000 (2m) = 300 pcs/ctn

10m rolled in PE-bag | 80m on roll in carton (cover dispenser – easy pull and cut)

Endcaps

Type: with hole | without hole
Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)



■	CAP-A2F Endcap | with hole | alu-silver	510002213315
■	CAP-A2F Endcap | without hole | alu-silver	510001213315



□	CAP-A2F Endcap | with hole | white	520002213315
□	CAP-A2F Endcap | without hole | white	520001213315



■	CAP-A2F Endcap | with hole | black	530002213315
■	CAP-A2F Endcap | without hole | black	530001213315

Mounting Clip

Finishes: aluminum-silver
Material: spring steel



■ SPS-A2F_13 silver SpringSteel 311000000003

Connectors

Angles: 90° | 120° | 135° | 180° | T | X | inner corner 90° | outer corner 90°
Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)

	CON-A2 Connector 90° | alu-silver	510006113315
	CON-A2 Connector 90° | white	520006113315
	CON-A2 Connector 90° | black	530006113315
	CON-A2 Connector 120° | alu-silver	510003113315
	CON-A2 Connector 120° | white	520003113315
	CON-A2 Connector 120° | black	530003113315
	CON-A2 Connector 135° | alu-silver	510004113315
	CON-A2 Connector 135° | white	520004113315
	CON-A2 Connector 135° | black	530004113315
	CON-A2 Connector 180° | alu-silver	510005113315
	CON-A2 Connector 180° | white	520005113315
	CON-A2 Connector 180° | black	530005113315
	CON-A2 Connector T | alu-silver	510022113315
	CON-A2 Connector T | white	520022113315
	CON-A2 Connector T | black	530022113315
	CON-A2 Connector X | alu-silver	510023113315
	CON-A2 Connector X | white	520023113315
	CON-A2 Connector X | black	530023113315
	CON-A2 Connector 90° | inner corner | alu-silver	510008113315
	CON-A2 Connector 90° | inner corner | white	520008113315
	CON-A2 Connector 90° | inner corner | black	530008113315
	CON-A2 Connector 90° | outer corner | alu-silver	510007113315
	CON-A2 Connector 90° | outer corner | white	520007113315
	CON-A2 Connector 90° | outer corner | black	530007113315



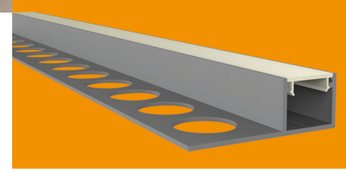
FENIX PROFILES
ARDET NEC CONSUMITUR

EXO-F0_10

LED ALU TILE PROFILE

LED STRIP MAX. 10 MM

DIRECT + ULTRASLIM **IP 20**



Covers < 100m
Cover Dispenser

2Y WARRANTY **5Y UV-RESISTANCE**

EXO-F0_10 LED ALU SURFACE PROFILE LED MAX.10MM | DIRECT + ULTRASLIM

Matching polycarbonate covers and PETG end caps with and without cable openings can be found on the following pages.

+ Ultra-narrow and ultra-flat profile design
+ Light emits forward – DIRECT LIGHTING
+ The ales are glued onto the side wing
+ Cover conceals the edges of the aluminum profile from the front view (aluminum invisible)

+ Developed for integraaon into tile concepts
+ Side wing is plastered/spackled or glued to the structure
+ Smooth feel without unnecessary cooling fins
+ Optimal protection of the LED light strip from dust and mechanical impacts

Mounting variations

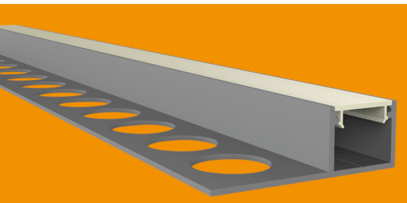


Profile ALU ANODIZED + Cover TRANSPARENT (TL85%*)

Profile ALU ANODIZED + Cover OPAL SATIN (TL65%*)

Profile ALU ANODIZED + Cover BLACK (TL55%*)

Cover colours can be combined to match the different coloured profiles depending on the project requirements. Please take the light transmission into account. *TL = translucency. Please note that we can only supply packaging units. This means that the minimum order quantity corresponds to one packaging unit. Sample orders are excluded. We also offer you a sample box with hand samples. Please contact us.



EXO-F0_10

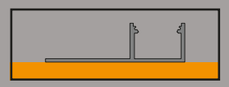
LED ALU TILE PROFILE

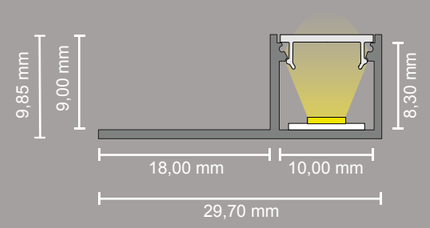
LED STRIP MAX. 10 MM

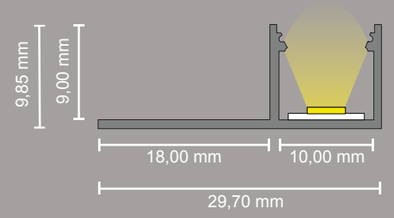
DIRECT + ULTRASLIM

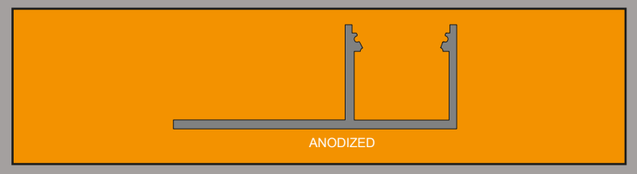
2m

The EXO-F0_10 profile offers a flat design, optimal heat dissipation, and protection for the LED light line, while remaining lightweight and stable. The EXO-F0_10 profile is available in various lengths and colors.









612000810010 ALU ANODIZED

2m = 24 pcs/ctn

The light emission shown in the sketches does not correspond to the actual photometric measurement results. These are symbolic illustrations.

Material Specification

The F0_10 LED profile is available in three high-quality finishes to suit various design needs:

- Anodized Aluminum
- Black RAL9005
- White RAL9016

The Anodized Aluminum finish offers a durable 15-micron layer, providing excellent protection against wear and corrosion. For the Black and White options, a robust 25-micron powder coating is applied, ensuring a sleek, long-lasting finish. Additionally, for applications requiring extra durability and moisture resistance, PUR Casting is available on request, making this profile versatile and adaptable to different environments We care about enviromental sustainabillity. For this reason, recycled aluminum is used to produce our products.

Our covers are made of polycarbonate with UL94 V-2 flammability classification: Extinguishing of a vertically clamped sample within 30 seconds

Material Compostition of 6063-T5 Aluminum

Aluminum anodized = 15 micron
Aluminum powder-coated = 25 micron
Not chlorine/saltwater resistant

Magnesium	Minimum 0.45%, Maximum 0.9%
Silicon	Minimum 0.2%, Maximum 0.6%
Manganese	No minimum, Maximum 0.10%
Iron	No minimum, Maximum 0.35%
Copper	No minimum, Maximum 0.10%
Chromium	No minimum, Maximum 0.10%

Powder coating in all RAL colours possible on request, subject to a corresponding minimum quantity! This material can be drilled and sawn using suitable machines and the appropriate speed.

Suitable Covers

PC43_10 COVER FLAT F. LED ALU-PROFILES
EXO-A0/F0 | POLYCARBONAT

Cover conceals the edges of the aluminium profile in the front view

2m
10m
100m

Covers are matching with the following profile types:

EXO-A0_8

EXO-F0_10

PC41_13 OPAL SATIN	PC41_13 BLACK	PC41_13 TRANSPARENT
65% light transmission	55% light transmission	85% light transmission
412001010000 (2m) = 300 pcs/ctn 411000010000 (10m) = 50 pcs/ctn 411000001000 (100m) = 1 pcs/ctn	432001010000 (2m) = 300 pcs/ctn 431000010000 (10m) = 50 pcs/ctn 431000001000 (100m) = 1 pcs/ctn	442001010000 (2m) = 300 pcs/ctn

10m rolled in PE-bag | 80m on roll in carton (cover dispenser – easy pull and cut)

Endcaps

Type: with hole | without hole
Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)



CAP-F0 Endcap | with hole | alu-silver	511002033044
CAP-F0 Endcap | without hole | alu-silver	511001033044

LED Tile Lighting for Elegant Illumination

The F0 LED tile profile is designed to seamlessly integrate with your interior spaces, providing perfect illumination for passageways at home, in the office, or in public buildings. This innovative lighting solution not only ensures safe and well-lit walkways but also highlights the beauty of your wall and floor tile arrangements. By emphasizing the natural textures and patterns of the tiles, the F0 profile elevates the overall aesthetic, adding a sleek, modern touch to any setting.
Our LED profiles for tiles are available in two variants: recessed profiles and under-tile installation. The recessed profile fits directly into the tile layout, offering a minimalist, flush finish, while the under-tile option is ideal for accentuating the edges of your tiled surfaces. Both options are engineered for durability and ease of installation, making them suitable for various residential and commercial applications.



Choose the F0 LED tile profile for a blend of functionality and style, transforming your interiors with refined lighting that comments any space.

Key Advantages of the
EXO-F0_10 LED Profile

LED TILE PROFILE

ALUMINUM SILVER
ANODIZED

What Are Tile LED Profiles?

Tile profiles for LED lighting are specialized channels designed to fit into tiled surfaces such as walls, floors, or backsplashes. These profiles allow LED strips to be recessed or surface-mounted, providing a clean, flush finish that blends effortlessly with the surrounding tiles. Crafted from high-quality aluminum, tile profiles offer optimal heat dissipation and long-lasting performance, making them a reliable choice for any lighting project.

Applications

- *Residential Spaces*: Illuminate kitchen backsplashes, bathroom walls, or tiled floors.
- *Commercial Use*: Highlight tiled features in offices, hotels, or retail environments.
- *Architectural Designs*: Add ambient lighting to tiled staircases, pathways, or outdoor surfaces.

Tile profiles are perfect for under-tile lighting, adding depth and style to any design

Comprehensive Accessories for Professional Installation

We offer matching accessories such as PETG end caps and spring steel mounting clips. These components provide additional protection for your installations and allow for easy and secure mounting of the profile. The accessories are specifically designed to help you achieve professional and aesthetically pleasing results.



EXO-F0_10 – The Ideal Choice for Those with
the Highest Demands on LED Lighting Projects

Key Features of Our Tile LED Profiles

1. **Durable Aluminum Construction**: Long-lasting, lightweight, and eco-friendly.
2. **Seamless Tile Integration**: Achieve a flush, polished look.
3. **Heat Management**: Enhance LED lifespan with efficient heat dissipation.
4. **Custom Options**: Choose from various finishes and covers, like opal satin or transparent.

Why Choose Fenix Solutions?

At Fenix Solutions, we're committed to delivering innovative LED lighting solutions tailored to your needs. Our tile LED profiles are precision-engineered to integrate effortlessly with your tiled designs, offering both style and functionality. With a focus on sustainability, our profiles are made from recycled aluminum, reflecting our dedication to eco-conscious practices.

Whether you're designing a modern kitchen, a luxurious bathroom, or a commercial space with tiled surfaces, our tile profiles for LED strips offer the perfect solution. Pair them with our PETG end caps and spring steel mounting clips for a secure and professional installation.



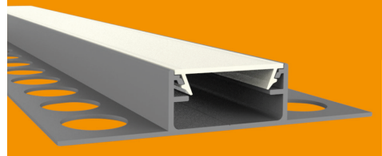
FENIX PROFILES
ARDET NEC CONSUMITUR

EXO-F1_16

LED ALU TILE PROFILE

LED STRIP MAX. 16 MM

NARROW **IP 20**



2Y WARRANTY

5Y UV-RESISTANCE

EXO-F1_16 LED ALU TILE PROFILE
LED MAX.10MM | NARROW

Matching polycarbonate covers and PETG end caps with and without cable openings can be found on the following pages.

+ Ultra-narrow and ultra-flat profile design
+ Cover flush with the profile
+ Developed for integration into tile concepts
+ Side wing is plastered/spackled or glued to the structure

+ Light emits forward – DIRECT LIGHTING
+ The tiles are glued onto the side wing
+ Smooth feel without unnecessary cooling fins
+ Optimal protection of the LED light strip from dust and mechanical impacts

Mounting variations

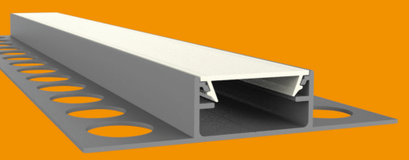


Profile ALU ANODIZED
+
Cover TRANSPARENT (TL85%*)



Profile ALU ANODIZED
+
Cover BLACK (TL55%*)

Cover colours can be combined to match the different coloured profiles depending on the project requirements. Please take the light transmission into account. *TL = translucency. Please note that we can only supply packaging units. This means that the minimum order quantity corresponds to one packaging unit. Sample orders are excluded. We also offer you a sample box with hand samples. Please contact us.



EXO-F1_16

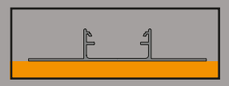
LED ALU TILE PROFILE

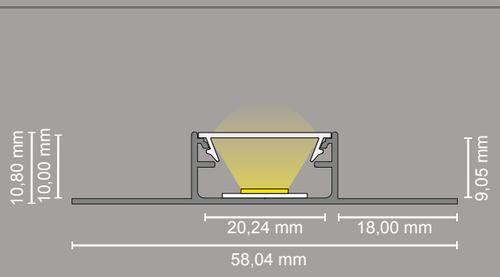
LED STRIP MAX. 16 MM

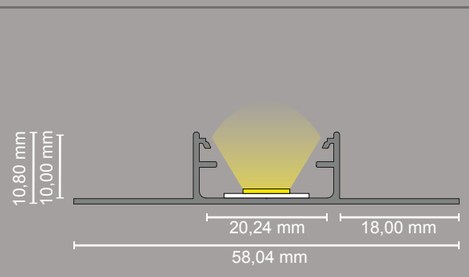
NARROW

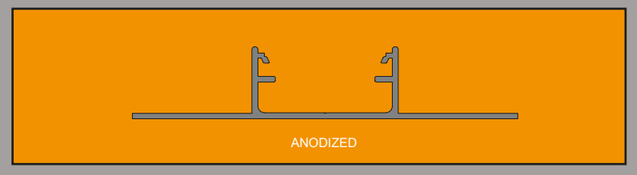
2m

The EXO-F1_16 profile offers a flat design, optimal heat dissipation, and protection for the LED light line, while remaining lightweight and stable. The EXO-F1_16 profile is available in various lengths and colors.









612000858010 ALU ANODIZED

2m = 20 pcs/ctn

The light emission shown in the sketches does not correspond to the actual photometric measurement results. These are symbolic illustrations.

Material Specification

The F1_16 LED profile is available in three high-quality finishes to suit various design needs:

- Anodized Aluminum
- Black RAL9005
- White RAL9016

The Anodized Aluminum finish offers a durable 15-micron layer, providing excellent protection against wear and corrosion. For the Black and White options, a robust 25-micron powder coating is applied, ensuring a sleek, long-lasting finish. Additionally, for applications requiring extra durability and moisture resistance, PUR Casting is available on request, making this profile versatile and adaptable to different environments We care about enviromental sustainabillity. For this reason, recycled aluminum is used to produce our products.

Our covers are made of polycarbonate with UL94 V-2 flammability classification: Extinguishing of a vertically clamped sample within 30 seconds

Material Compostition of 6063-T5 Aluminum

Aluminum anodized = 15 micron
Aluminum powder-coated = 25 micron
Not chlorine/saltwater resistant

Magnesium	Minimum 0.45%, Maximum 0.9%
Silicon	Minimum 0.2%, Maximum 0.6%
Manganese	No minimum, Maximum 0.10%
Iron	No minimum, Maximum 0.35%
Copper	No minimum, Maximum 0.10%
Chromium	No minimum, Maximum 0.10%

Powder coating in all RAL colours possible on request, subject to a corresponding minimum quantity! This material can be drilled and sawn using suitable machines and the appropriate speed.

Suitable Covers

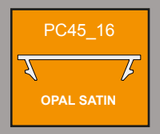
PC45_16 COVER FLAT F. LED ALU-PROFILES
EXO-F1/F1H/F2/N1/N2/T3/T3H/T5/T7/V2 | POLYCARBONAT

Cover conceals the edges of the aluminium profile in the front view

2m
3m
10m
80m

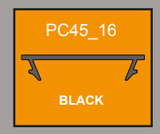
Covers are matching with the following profile types:

EXO-F1_16 | EXO-F2_15 | EXO-N2_16 | EXO-T3H_16 | EXO-V2_14
EXO-F1H_16 | EXO-N1_16 | EXO-T3_16 | EXO-T5_16 | EXO-T7_16



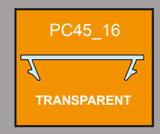
65% light transmission

412001020000 (2m) = 200 pcs/ctn
413001020000 (3m) = 200 pcs/ctn
411000200000 (10m) = 40 pcs/ctn
418000200000 (80m) = 1 pcs/ctn



55% light transmission

432001020000 (2m) = 200 pcs/ctn
433001020000 (3m) = 200 pcs/ctn
431000200000 (10m) = 40 pcs/ctn
431000200000 (80m) = 1 pcs/ctn



85% light transmission

442001020000 (2m) = 200 pcs/ctn

10m rolled in PE-bag | 80m on roll in carton (cover dispenser – easy pull and cut)

Endcaps

Type: with hole | without hole
Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)



CAP-F1/F1H Endcap | with hole | alu-silver	511002033045
CAP-F1/F1H Endcap | without hole | alu-silver	511001033045

LED Tile Lighting for Elegant Illumination

The F1 LED tile profile is designed to seamlessly integrate with your interior spaces, providing perfect illumination for passageways at home, in the office, or in public buildings. This innovative lighting solution not only ensures safe and well-lit walkways but also highlights the beauty of your wall and floor tile arrangements. By emphasizing the natural textures and patterns of the tiles, the F1 profile elevates the overall aesthetic, adding a sleek, modern touch to any setting.
Our LED profiles for tiles are available in two variants: recessed profiles and under-tile installation. The recessed profile fits directly into the tile layout, offering a minimalist, flush finish, while the under-tile option is ideal for accentuating the edges of your tiled surfaces. Both options are engineered for durability and ease of installation, making them suitable for various residential and commercial applications.



Choose the F1 LED tile profile for a blend of functionality and style, transforming your interiors with refined lighting that comments any space.

Key Advantages of the
EXO-F1_16 LED Profile

LED TILE PROFILE

ALUMINUM SILVER
ANODIZED

What Are Tile LED Profiles?

Tile profiles for LED lighting are specialized channels designed to fit into tiled surfaces such as walls, floors, or backsplashes. These profiles allow LED strips to be recessed or surface-mounted, providing a clean, flush finish that blends effortlessly with the surrounding tiles. Crafted from high-quality aluminum, tile profiles offer optimal heat dissipation and long-lasting performance, making them a reliable choice for any lighting project.

Applications

- *Residential Spaces*: Illuminate kitchen backsplashes, bathroom walls, or tiled floors.
- *Commercial Use*: Highlight tiled features in offices, hotels, or retail environments.
- *Architectural Designs*: Add ambient lighting to tiled staircases, pathways, or outdoor surfaces.

Tile profiles are perfect for under-tile lighting, adding depth and style to any design

Comprehensive Accessories for Professional Installation

We offer matching accessories such as PETG end caps and spring steel mounting clips. These components provide additional protection for your installations and allow for easy and secure mounting of the profile. The accessories are specifically designed to help you achieve professional and aesthetically pleasing results.



EXO-F1_16 – The Ideal Choice for Those with
the Highest Demands on LED Lighting Projects

Key Features of Our Tile LED Profiles

1. **Durable Aluminum Construction**: Long-lasting, lightweight, and eco-friendly.
2. **Seamless Tile Integration**: Achieve a flush, polished look.
3. **Heat Management**: Enhance LED lifespan with efficient heat dissipation.
4. **Custom Options**: Choose from various finishes and covers, like opal satin or transparent.

Why Choose Fenix Solutions?

At Fenix Solutions, we're committed to delivering innovative LED lighting solutions tailored to your needs. Our tile LED profiles are precision-engineered to integrate effortlessly with your tiled designs, offering both style and functionality. With a focus on sustainability, our profiles are made from recycled aluminum, reflecting our dedication to eco-conscious practices.

Whether you're designing a modern kitchen, a luxurious bathroom, or a commercial space with tiled surfaces, our tile profiles for LED strips offer the perfect solution. Pair them with our PETG end caps and spring steel mounting clips for a secure and professional installation.



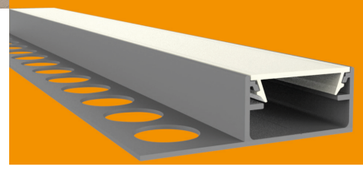
FENIX PROFILES
ARDET NEC CONSUMITUR

EXO-F1H_16

LED ALU TILE PROFILE

LED STRIP MAX. 16 MM

DIRECT + NARROW **IP 20**



Covers < 80m
Cover Dispenser

2Y WARRANTY

5Y UV-RESISTANCE

EXO-F1H_16 LED ALU TILE PROFILE
LED MAX.10MM | DIRECT + NARROW

Matching polycarbonate covers and PETG end caps with and without cable openings can be found on the following pages.

+ Ultra-narrow and ultra-flat profile design
+ Developed for integration into tile concepts
+ The tiles are glued onto the side wing
+ Side wing is plastered/spackled or glued to the structure

+ Very lightweight with excellent stability
+ Light emits forward – DIRECT LIGHTING
+ Smooth feel without unnecessary cooling fins
+ Optimal protection of the LED light strip from dust and mechanical impacts

Mounting variations



Profile ALU ANODIZED
+
Cover TRANSPARENT (TL85%*)

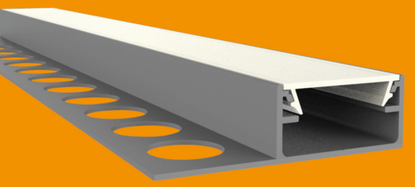


Profile ALU ANODIZED
+
Cover OPAL SATIN (TL65%*)



Profile ALU ANODIZED
+
Cover BLACK (TL55%*)

Cover colours can be combined to match the different coloured profiles depending on the project requirements. Please take the light transmission into account. *TL = translucency. Please note that we can only supply packaging units. This means that the minimum order quantity corresponds to one packaging unit. Sample orders are excluded. We also offer you a sample box with hand samples. Please contact us.



EXO-F1H_16

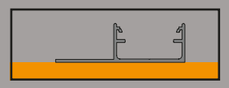
LED ALU TILE PROFILE

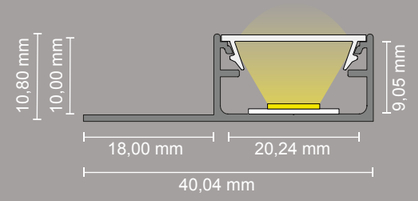
LED STRIP MAX. 16 MM

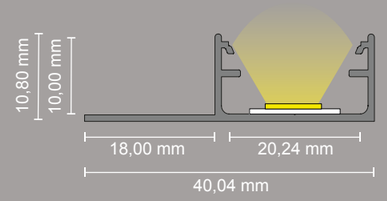
DIRECT + NARROW

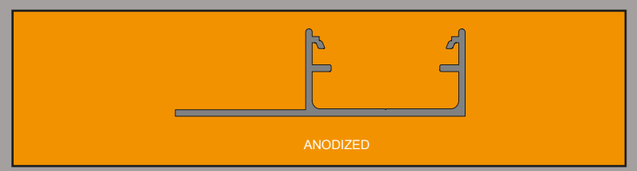
2m

The EXO-F1H_16 profile offers a flat design, optimal heat dissipation, and protection for the LED light line, while remaining lightweight and stable. The EXO-F1H_16 profile is available in various lengths and colors.









612000838010 ALU ANODIZED

2m = 20 pcs/ctn

The light emission shown in the sketches does not correspond to the actual photometric measurement results. These are symbolic illustrations.

Material Specification

The F1H_16 LED profile is available in three high-quality finishes to suit various design needs:

- Anodized Aluminum
- Black RAL9005
- White RAL9016

The Anodized Aluminum finish offers a durable 15-micron layer, providing excellent protection against wear and corrosion. For the Black and White options, a robust 25-micron powder coating is applied, ensuring a sleek, long-lasting finish. Additionally, for applications requiring extra durability and moisture resistance, PUR Casting is available on request, making this profile versatile and adaptable to different environments We care about enviromental sustainabillity. For this reason, recycled aluminum is used to produce our products.

Our covers are made of polycarbonate with UL94 V-2 flammability classification: Extinguishing of a vertically clamped sample within 30 seconds

Material Compostition of 6063-T5 Aluminum

Aluminum anodized = 15 micron
Aluminum powder-coated = 25 micron
Not chlorine/saltwater resistant

Magnesium	Minimum 0.45%, Maximum 0.9%
Silicon	Minimum 0.2%, Maximum 0.6%
Manganese	No minimum, Maximum 0.10%
Iron	No minimum, Maximum 0.35%
Copper	No minimum, Maximum 0.10%
Chromium	No minimum, Maximum 0.10%

Powder coating in all RAL colours possible on request, subject to a corresponding minimum quantity! This material can be drilled and sawn using suitable machines and the appropriate speed.

Suitable Covers

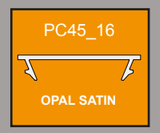
PC45_16 COVER FLAT F. LED ALU-PROFILES
EXO-F1/F1H/F2/N1/N2/T3/T3H/T5/T7/V2 | POLYCARBONAT

Cover conceals the edges of the aluminium profile in the front view

2m
3m
10m
80m

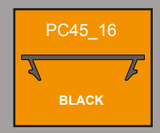
Covers are matching with the following profile types:

EXO-F1_16 | EXO-F2_15 | EXO-N2_16 | EXO-T3H_16 | EXO-V2_14
EXO-F1H_16 | EXO-N1_16 | EXO-T3_16 | EXO-T5_16 | EXO-T7_16



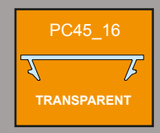
65% light transmission

412001020000 (2m) = 200 pcs/ctn
413001020000 (3m) = 200 pcs/ctn
411000200000 (10m) = 40 pcs/ctn
418000200000 (80m) = 1 pcs/ctn



55% light transmission

432001020000 (2m) = 200 pcs/ctn
433001020000 (3m) = 200 pcs/ctn
431000200000 (10m) = 40 pcs/ctn
431000200000 (80m) = 1 pcs/ctn



85% light transmission

442001020000 (2m) = 200 pcs/ctn

10m rolled in PE-bag | 80m on roll in carton (cover dispenser – easy pull and cut)

Endcaps

Type: with hole | without hole
Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)



CAP-F1/F1H Endcap | with hole | alu-silver	511002033045
CAP-F1/F1H Endcap | without hole | alu-silver	511001033045

LED Tile Lighting for Elegant Illumination



The F1H LED tile profile is designed to seamlessly integrate with your interior spaces, providing perfect illumination for passageways at home, in the office, or in public buildings. This innovative lighting solution not only ensures safe and well-lit walkways but also highlights the beauty of your wall and floor tile arrangements. By emphasizing the natural textures and patterns of the tiles, the F1H profile elevates the overall aesthetic, adding a sleek, modern touch to any setting.
Our LED profiles for tiles are available in two variants: recessed profiles and under-tile installation. The recessed profile fits directly into the tile layout, offering a minimalist, flush finish, while the under-tile option is ideal for accentuating the edges of your tiled surfaces. Both options are engineered for durability and ease of installation, making them suitable for various residential and commercial applications.

Choose the F1H LED tile profile for a blend of functionality and style, transforming your interiors with refined lighting that comments any space.

Key Advantages of the
EXO-F1H_16 LED Profile

LED TILE PROFILE

ALUMINUM SILVER
ANODIZED

What Are Tile LED Profiles?

Tile profiles for LED lighting are specialized channels designed to fit into tiled surfaces such as walls, floors, or backsplashes. These profiles allow LED strips to be recessed or surface-mounted, providing a clean, flush finish that blends effortlessly with the surrounding tiles. Crafted from high-quality aluminum, tile profiles offer optimal heat dissipation and long-lasting performance, making them a reliable choice for any lighting project.

Applications

- *Residential Spaces*: Illuminate kitchen backsplashes, bathroom walls, or tiled floors.
- *Commercial Use*: Highlight tiled features in offices, hotels, or retail environments.
- *Architectural Designs*: Add ambient lighting to tiled staircases, pathways, or outdoor surfaces.

Tile profiles are perfect for under-tile lighting, adding depth and style to any design

Comprehensive Accessories for Professional Installation

We offer matching accessories such as PETG end caps and spring steel mounting clips. These components provide additional protection for your installations and allow for easy and secure mounting of the profile. The accessories are specifically designed to help you achieve professional and aesthetically pleasing results.



EXO-F1H_16 – The Ideal Choice for Those with
the Highest Demands on LED Lighting Projects

Key Features of Our Tile LED Profiles

1. **Durable Aluminum Construction**: Long-lasting, lightweight, and eco-friendly.
2. **Seamless Tile Integration**: Achieve a flush, polished look.
3. **Heat Management**: Enhance LED lifespan with efficient heat dissipation.
4. **Custom Options**: Choose from various finishes and covers, like opal satin or transparent.

Why Choose Fenix Solutions?

At Fenix Solutions, we're committed to delivering innovative LED lighting solutions tailored to your needs. Our tile LED profiles are precision-engineered to integrate effortlessly with your tiled designs, offering both style and functionality. With a focus on sustainability, our profiles are made from recycled aluminum, reflecting our dedication to eco-conscious practices.

Whether you're designing a modern kitchen, a luxurious bathroom, or a commercial space with tiled surfaces, our tile profiles for LED strips offer the perfect solution. Pair them with our PETG end caps and spring steel mounting clips for a secure and professional installation.



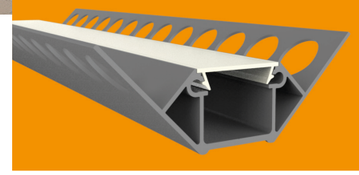
FENIX PROFILES
ARDET NEC CONSUMITUR

EXO-F2_15

LED ALU TILE PROFILE

LED STRIP MAX. 15 MM

NARROW **IP 20**



Covers < 80m
Cover Dispenser

2Y WARRANTY

5Y UV-RESISTANCE

EXO-F2_15 LED ALU TILE PROFILE
LED MAX.15MM | NARROW

Matching polycarbonate covers, PETG end caps with and without cable openings and spring steel mounting clips can be found on the following pages.

+ Ultra-narrow and ultra-flat profile design
+ Developed for integration into tile conc
+ The \les are glued onto the side wing
+ Side wing is plastered/spackled or glued to the structure

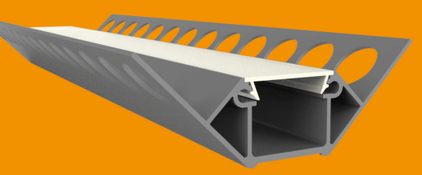
+ Very lightweight with excellent stability
+ Light emits forward – DIRECT LIGHTING
+ Smooth feel without unnecessary cooling fins
+ Optimal protection of the LED light strip from dust and mechanical impacts

Mounting variations



Profile ALU ANODIZED
+
Cover OPAL SATIN (TL65%*)

Cover colours can be combined to match the different coloured profiles depending on the project requirements. Please take the light transmission into account. *TL = translucency. Please note that we can only supply packaging units. This means that the minimum order quantity corresponds to one packaging unit. Sample orders are excluded. We also offer you a sample box with hand samples. Please contact us.



EXO-F2_15

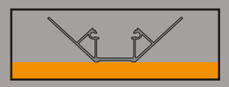
LED ALU TILE PROFILE

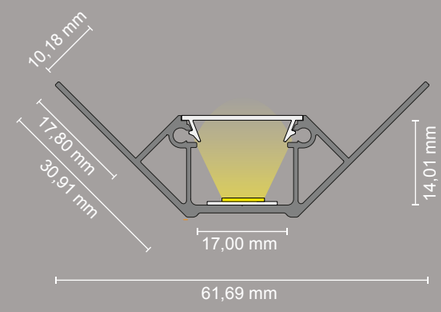
LED STRIP MAX. 15 MM

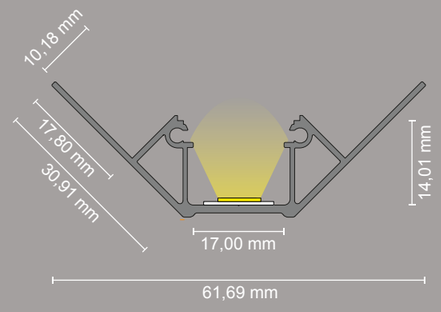
NARROW

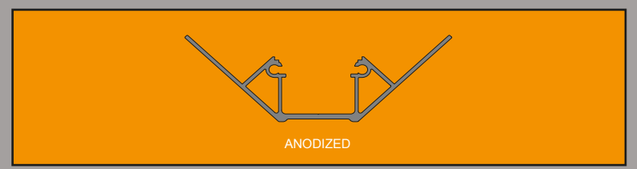
2m

The EXO-F2_15 profile offers a flat design, optimal heat dissipation, and protection for the LED light line, while remaining lightweight and stable. The EXO-F2_15 profile is available in various lengths and colors.









612000861815 ALU ANODIZED

2m = 16 pcs/ctn

The light emission shown in the sketches does not correspond to the actual photometric measurement results. These are symbolic illustrations.

Material Specification

The F2_15 LED profile is available in three high-quality finishes to suit various design needs:

- Anodized Aluminum
- Black RAL9005
- White RAL9016

The Anodized Aluminum finish offers a durable 15-micron layer, providing excellent protection against wear and corrosion. For the Black and White options, a robust 25-micron powder coating is applied, ensuring a sleek, long-lasting finish. Additionally, for applications requiring extra durability and moisture resistance, PUR Casting is available on request, making this profile versatile and adaptable to different environments We care about enviromental sustainabillity. For this reason, recycled aluminum is used to produce our products.

Our covers are made of polycarbonate with UL94 V-2 flammability classification: Extinguishing of a vertically clamped sample within 30 seconds

Material Compostition of 6063-T5 Aluminum

Aluminum anodized = 15 micron
Aluminum powder-coated = 25 micron
Not chlorine/saltwater resistant

Magnesium	Minimum 0.45%, Maximum 0.9%
Silicon	Minimum 0.2%, Maximum 0.6%
Manganese	No minimum, Maximum 0.10%
Iron	No minimum, Maximum 0.35%
Copper	No minimum, Maximum 0.10%
Chromium	No minimum, Maximum 0.10%

Powder coating in all RAL colours possible on request, subject to a corresponding minimum quantity! This material can be drilled and sawn using suitable machines and the appropriate speed.

Suitable Covers

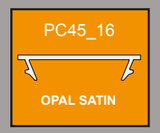
PC45_16 COVER FLAT F. LED ALU-PROFILES
EXO-F1/F1H/F2/N1/N2/T3/T3H/T5/T7/V2 | POLYCARBONAT

Cover conceals the edges of the aluminium profile in the front view

2m
3m
10m
80m

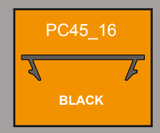
Covers are matching with the following profile types:

EXO-F1_16 | EXO-F2_15 | EXO-N2_16 | EXO-T3H_16 | EXO-V2_14
EXO-F1H_16 | EXO-N1_16 | EXO-T3_16 | EXO-T5_16 | EXO-T7_16



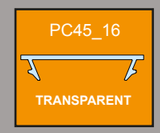
65% light transmission

412001020000 (2m) = 200 pcs/ctn
413001020000 (3m) = 200 pcs/ctn
411000200000 (10m) = 40 pcs/ctn
418000200000 (80m) = 1 pcs/ctn



55% light transmission

432001020000 (2m) = 200 pcs/ctn
433001020000 (3m) = 200 pcs/ctn
431000200000 (10m) = 40 pcs/ctn
431000200000 (80m) = 1 pcs/ctn



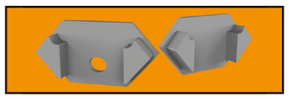
85% light transmission

442001020000 (2m) = 200 pcs/ctn

10m rolled in PE-bag | 80m on roll in carton (cover dispenser – easy pull and cut)

Endcaps

Type: with hole | without hole
Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)



CAP-F2 Endcap | with hole | alu-silver	511002033047
CAP-F2 Endcap | without hole | alu-silver	511001033047

LED Tile Lighting for Elegant Illumination

The F2 LED tile profile is designed to seamlessly integrate with your interior spaces, providing perfect illumination for passageways at home, in the office, or in public buildings. This innovative lighting solution not only ensures safe and well-lit walkways but also highlights the beauty of your wall and floor tile arrangements. By emphasizing the natural textures and patterns of the tiles, the F2 profile elevates the overall aesthetic, adding a sleek, modern touch to any setting.
Our LED profiles for tiles are available in two variants: recessed profiles and under-tile installation. The recessed profile fits directly into the tile layout, offering a minimalist, flush finish, while the under-tile option is ideal for accentuating the edges of your tiled surfaces. Both options are engineered for durability and ease of installation, making them suitable for various residential and commercial applications.



Choose the F2 LED tile profile for a blend of functionality and style, transforming your interiors with refined lighting that comments any space.

Key Advantages of the
EXO-F2_15 LED Profile

LED TILE PROFILE

ALUMINUM SILVER
ANODIZED

What Are Tile LED Profiles?

Tile profiles for LED lighting are specialized channels designed to fit into tiled surfaces such as walls, floors, or backsplashes. These profiles allow LED strips to be recessed or surface-mounted, providing a clean, flush finish that blends effortlessly with the surrounding tiles. Crafted from high-quality aluminum, tile profiles offer optimal heat dissipation and long-lasting performance, making them a reliable choice for any lighting project.

Applications

- *Residential Spaces*: Illuminate kitchen backsplashes, bathroom walls, or tiled floors.
- *Commercial Use*: Highlight tiled features in offices, hotels, or retail environments.
- *Architectural Designs*: Add ambient lighting to tiled staircases, pathways, or outdoor surfaces.

Tile profiles are perfect for under-tile lighting, adding depth and style to any design

Comprehensive Accessories for Professional Installation

We offer matching accessories such as PETG end caps and spring steel mounting clips. These components provide additional protection for your installations and allow for easy and secure mounting of the profile. The accessories are specifically designed to help you achieve professional and aesthetically pleasing results.



EXO-F2_15 – The Ideal Choice for Those with the Highest Demands on LED Lighting Projects

Key Features of Our Tile LED Profiles

1. **Durable Aluminum Construction**: Long-lasting, lightweight, and eco-friendly.
2. **Seamless Tile Integration**: Achieve a flush, polished look.
3. **Heat Management**: Enhance LED lifespan with efficient heat dissipation.
4. **Custom Options**: Choose from various finishes and covers, like opal satin or transparent.

Why Choose Fenix Solutions?

At Fenix Solutions, we're committed to delivering innovative LED lighting solutions tailored to your needs. Our tile LED profiles are precision-engineered to integrate effortlessly with your tiled designs, offering both style and functionality. With a focus on sustainability, our profiles are made from recycled aluminum, reflecting our dedication to eco-conscious practices.

Whether you're designing a modern kitchen, a luxurious bathroom, or a commercial space with tiled surfaces, our tile profiles for LED strips offer the perfect solution. Pair them with our PETG end caps and spring steel mounting clips for a secure and professional installation.



FENIX PROFILES
ARDET NEC CONSUMITUR

EXO-N1_16

LED ALU SURFACE PROFILE

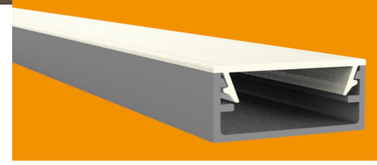
LED STRIP MAX. 16 MM

ULTRAFLAT **IP 20**

2m 3m | 2m 3m | 2m 3m

2Y WARRANTY

5Y UV-RESISTANCE



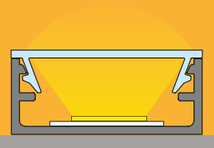
+ Ultraflat, ultraslim profile design
+ Mounting clips available
+ Ultraflat profile design
+ Cover conceals the edges of the aluminum profile from the front view (aluminum invisible)

EXO-N1_16 LED ALU SURFACE PROFILE LED MAX.16MM | ULTRAFLAT

Matching polycarbonate covers, PETG end caps with and without cable openings and spring steel mounting clips can be found on the following pages.

+ Very lightweight with excellent stability
+ Perfect heat dissipation
+ Smooth feel without unnecessary cooling fins
+ Optimal protection of the LED light strip from dust and mechanical impacts

Mounting variations



Profile ALU ANODIZED
+
Cover TRANSPARENT (TL85%*)



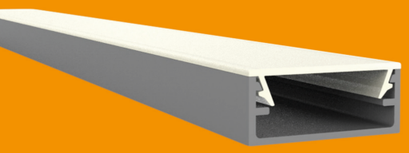
Profile WHITE RAL 9016
+
Cover OPAL SATIN (TL65%*)



Profile BLACK RAL 9005
+
Cover BLACK (TL55%*)
+
SPS-N1_16 BLACK SpringSteel

Cover colours can be combined to match the different coloured profiles depending on the project requirements. Please take the light transmission into account. *TL = translucency. Please note that we can only supply packaging units. This means that the minimum order quantity corresponds to one packaging unit. Sample orders are excluded. We also offer you a sample box with hand samples. Please contact us.

EXO-N1_16



LED ALU SURFACE PROFILE

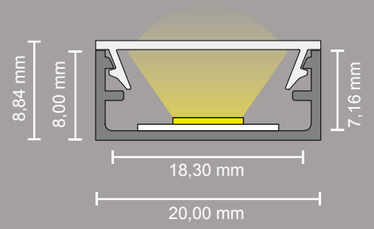
LED STRIP MAX. 16 MM

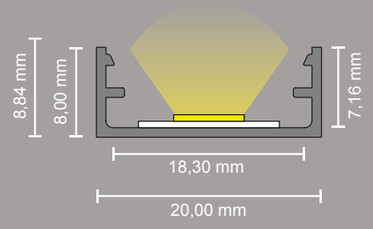
ULTRAFLAT

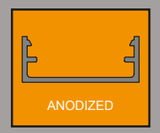
2m
3m

The EXO-N1_16 profile offers a flat design, optimal heat dissipation, and protection for the LED light line, while remaining lightweight and stable. The EXO-N1_16 profile is available in various lengths and colors.









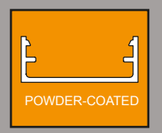
612000118008 ALUMINUM (2m)
613000118008 ALUMINUM (3m)

2m = 90 pcs/ctn | 3m = 90 pcs/ctn



632000118008 BLACK RAL9005 (2m)
633000118008 BLACK RAL9005 (3m)

2m = 90 pcs/ctn | 3m = 90 pcs/ctn



622000118008 WHITE RAL9016 (2m)
623000118008 WHITE RAL9016 (3m)

2m = 90 pcs/ctn | 3m = 90 pcs/ctn

The light emission shown in the sketches does not correspond to the actual photometric measurement results. These are symbolic illustrations.

Material Specification

The N1_16 LED profile is available in three high-quality finishes to suit various design needs:

- Anodized Aluminum
- Black RAL9005
- White RAL9016

The Anodized Aluminum finish offers a durable 15-micron layer, providing excellent protection against wear and corrosion. For the Black and White options, a robust 25-micron powder coating is applied, ensuring a sleek, long-lasting finish. Additionally, for applications requiring extra durability and moisture resistance, PUR Casting is available on request, making this profile versatile and adaptable to different environments We care about enviromental sustainabillity. For this reason, recycled aluminum is used to produce our products.

Our covers are made of polycarbonate with UL94 V-2 flammability classification: Extinguishing of a vertically clamped sample within 30 seconds

Material Compostition of 6063-T5 Aluminum

Aluminum anodized = 15 micron
Aluminum powder-coated = 25 micron
Not chlorine/saltwater resistant

Magnesium	Minimum 0.45%, Maximum 0.9%
Silicon	Minimum 0.2%, Maximum 0.6%
Manganese	No minimum, Maximum 0.10%
Iron	No minimum, Maximum 0.35%
Copper	No minimum, Maximum 0.10%
Chromium	No minimum, Maximum 0.10%

Powder coating in all RAL colours possible on request, subject to a corresponding minimum quantity! This material can be drilled and sawn using suitable machines and the appropriate speed.

Suitable Covers

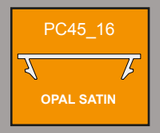
PC45_16 COVER FLAT F. LED ALU-PROFILES
EXO-F1/F1H/F2/N1/N2/T3/T3H/T5/T7/V2 | POLYCARBONAT

Cover conceals the edges of the aluminium profile in the front view

2m
3m
10m
80m

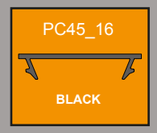
Covers are matching with the following profile types:

EXO-F1_16 | EXO-F2_15 | EXO-N2_16 | EXO-T3H_16 | EXO-V2_14
EXO-F1H_16 | EXO-N1_16 | EXO-T3_16 | EXO-T5_16 | EXO-T7_16



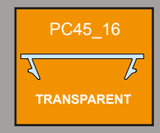
65% light transmission

412001020000 (2m) = 200 pcs/ctn
413001020000 (3m) = 200 pcs/ctn
411000200000 (10m) = 40 pcs/ctn
418000200000 (80m) = 1 pcs/ctn



55% light transmission

432001020000 (2m) = 200 pcs/ctn
433001020000 (3m) = 200 pcs/ctn
431000200000 (10m) = 40 pcs/ctn
431000200000 (80m) = 1 pcs/ctn



85% light transmission

442001020000 (2m) = 200 pcs/ctn

10m rolled in PE-bag | 80m on roll in carton (cover dispenser – easy pull and cut)

Endcaps

Type: with hole | without hole
Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)



■	CAP-N1 Endcap | with hole | alu-silver	510002118008
■	CAP-N1 Endcap | without hole | alu-silver	510001118008



□	CAP-N1 Endcap | with hole | white	520002118008
□	CAP-N1 Endcap | without hole | white	520001118008



■	CAP-N1 Endcap | with hole | black	530002118008
■	CAP-N1 Endcap | without hole | black	530001118008

Mounting Clip

Finishes: aluminum-silver | white | black
Material: spring steel



■	SPS-N1_16 silver SpringSteel	311000000007



■	SPS-N1_16 black SpringSteel	331000000007



□	SPS-N1_16 white SpringSteel	321000000007

Magnetic Mounts

Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)



	MAG-N1 Magnetic Mount | alu-silver	510003118008
	MAG-N1 Magnetic Mount | white	520003118008
	MAG-N1 Magnetic Mount | black	530003118008

Key Advantages of the EXO-N1_16 LED Profile

LED SURFACE PROFILE

- ALUMINUM SILVER ANODIZED
- BLACK RAL9005 POWDER-COATED
- WHITE RAL9016 POWDER-COATED

High-Quality Covers in Various Translucencies for Perfect Light Distribution

Our polycarbonate covers are available in different colors and light translucencies. These covers provide even light distribution, ensuring your LED strips emit light uniformly without visible transitions. The milky cover creates a diffused light that is ideal for applications where uniform, soft lighting is desired. Our covers are available in lengths up to 100 m on a roll, making them the perfect choice for seamless installations.

Comprehensive Accessories for Professional Installation

We offer matching accessories such as PETG end caps and spring steel mounting clips. These components provide additional protection for your installations and allow for easy and secure mounting of the profile. The accessories are specifically designed to help you achieve professional and aesthetically pleasing results.



EXO-N1_16 – The Ideal Choice for Those with the Highest Demands on LED Lighting Projects

What Are Surface-Mounted LED Profiles?

Surface-mounted profiles are LED lighting channels that are installed directly onto flat surfaces, such as walls, ceilings, or furniture. Unlike recessed profiles, they do not require cutting into surfaces, making them a convenient option for a wide range of lighting designs. Crafted from high-quality aluminum, these profiles ensure optimal heat dissipation, enhancing the lifespan and performance of LED strips.



FENIX PROFILES
ARDET NEC CONSUMITUR

EXO-N2_16

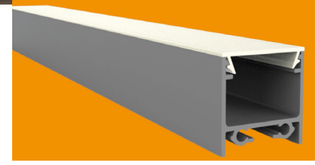
LED ALU SURFACE PROFILE

LED STRIP MAX. 16 MM

ULTRAFLAT **IP 20**

2m 3m | 2m 3m | 2m 3m

2Y WARRANTY **5Y UV-RESISTANCE**



Covers < 80m
Cover Dispenser

+ Narrow, square profile design
+ Cover flush with the profile
+ Rear cutouts for concealed cable management
+ Cover conceals the edges of the aluminum profile from the front view (aluminum invisible)

EXO-N2_16 LED ALU SURFACE PROFILE LED MAX.16MM | ULTRAFLAT

Matching polycarbonate covers, PETG end caps with and without cable openings and spring steel mounting clips can be found on the following pages.

+ Very lightweight with excellent stability
+ Perfect heat dissipation
+ Smooth feel without unnecessary cooling fins
+ Available mounting clips are clicked into the rear of the profile and are no longer visible

Mounting variations



Profile ALU ANODIZED
+
Cover TRANSPARENT (TL85%*)
+
SPS-N2_16 SILVER SpringSteel

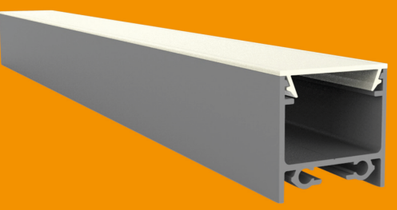


Profile WHITE RAL 9016
+
Cover OPAL SATIN (TL65%*)



Profile BLACK RAL 9005
+
Cover BLACK (TL55%*)
+
SKIT-N2_16 Suspension System BLACK

Cover colours can be combined to match the different coloured profiles depending on the project requirements. Please take the light transmission into account. *TL = translucency. Please note that we can only supply packaging units. This means that the minimum order quantity corresponds to one packaging unit. Sample orders are excluded. We also offer you a sample box with hand samples. Please contact us.



EXO-N2_16

LED ALU SURFACE PROFILE

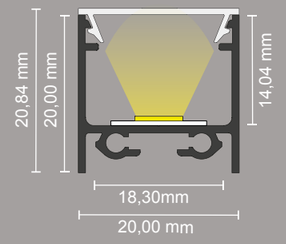
LED STRIP MAX. 16 MM

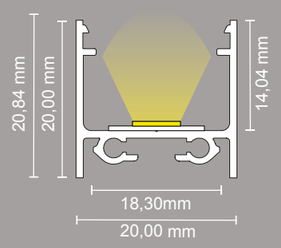
ULTRAFLAT

2m
3m

The EXO-N2_16 profile offers a flat design, optimal heat dissipation, and protection for the LED light line, while remaining lightweight and stable. The EXO-N2_16 profile is available in various lengths and colors.







ANODIZED	POWDER-COATED	POWDER-COATED
612000118020 ALUMINUM (2m) 613000118020 ALUMINUM (3m)	632000118020 BLACK RAL9005 (2m) 633000118020 BLACK RAL9005 (3m)	622000118020 WHITE RAL9016 (2m) 623000118020 WHITE RAL9016 (3m)
2m = 20 pcs/ctn | 3m = 20 pcs/ctn	2m = 20 pcs/ctn | 3m = 20 pcs/ctn	2m = 20 pcs/ctn | 3m = 20 pcs/ctn

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Material Specification

The N2_16 LED profile is available in three high-quality finishes to suit various design needs:

- Anodized Aluminum
- Black RAL9005
- White RAL9016

The Anodized Aluminum finish offers a durable 15-micron layer, providing excellent protection against wear and corrosion. For the Black and White options, a robust 25-micron powder coating is applied, ensuring a sleek, long-lasting finish. Additionally, for applications requiring extra durability and moisture resistance, PUR Casting is available on request, making this profile versatile and adaptable to different environments We care about enviromental sustainabillity. For this reason, recycled aluminum is used to produce our products.

Our covers are made of polycarbonate with UL94 V-2 flammability classification: Extinguishing of a vertically clamped sample within 30 seconds

Material Compostition of 6063-T5 Aluminum

Aluminum anodized = 15 micron
Aluminum powder-coated = 25 micron
Not chlorine/saltwater resistant

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Silicon	Minimum 0.2%, Maximum 0.6%
Manganese	No minimum, Maximum 0.10%
Iron	No minimum, Maximum 0.35%
Copper	No minimum, Maximum 0.10%
Chromium	No minimum, Maximum 0.10%

Powder coating in all RAL colours possible on request, subject to a corresponding minimum quantity! This material can be drilled and sawn using suitable machines and the appropriate speed.

Suitable Covers

PC45_16 COVER FLAT F. LED ALU-PROFILES
EXO-F1/F1H/F2/N1/N2/T3/T3H/T5/T7/V2 | POLYCARBONAT

Cover conceals the edges of the aluminium profile in the front view

2m
3m
10m
80m

Covers are matching with the following profile types:

EXO-F1_16 | EXO-F2_15 | EXO-N2_16 | EXO-T3H_16 | EXO-V2_14
EXO-F1H_16 | EXO-N1_16 | EXO-T3_16 | EXO-T5_16 | EXO-T7_16

PC45_16 OPAL SATIN	PC45_16 BLACK	PC45_16 TRANSPARENT
65% light transmission	55% light transmission	85% light transmission
412001020000 (2m) = 200 pcs/ctn 413001020000 (3m) = 200 pcs/ctn 411000200000 (10m) = 40 pcs/ctn 418000200000 (80m) = 1 pcs/ctn	432001020000 (2m) = 200 pcs/ctn 433001020000 (3m) = 200 pcs/ctn 431000200000 (10m) = 40 pcs/ctn 431000200000 (80m) = 1 pcs/ctn	442001020000 (2m) = 200 pcs/ctn

10m rolled in PE-bag | 80m on roll in carton (cover dispenser – easy pull and cut)

Endcaps

Type: with hole | without hole
Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)



■	CAP-N2 Endcap | with hole | alu-silver	510002118020
■	CAP-N2 Endcap | without hole | alu-silver	510001118020



□	CAP-N2 Endcap | with hole | white	520002118020
□	CAP-N2 Endcap | without hole | white	520001118020



■	CAP-N2 Endcap | with hole | black	530002118020
■	CAP-N2 Endcap | without hole | black	530001118020

Mounting Clip

Finishes: aluminum-silver
Material: spring steel



■	SPS-N2_16 silver SpringSteel	311000000004

Connectors

Angles: 90° | 120° | 135° | 180° | T | X | inner corner 90° | outer corner 90°
Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)

	CON-N2 Connector 90° | alu-silver	510006118020
	CON-N2 Connector 90° | white	520006118020
	CON-N2 Connector 90° | black	530006118020
	CON-N2 Connector 120° | alu-silver	510003118020
	CON-N2 Connector 120° | white	520003118020
	CON-N2 Connector 120° | black	530003118020
	CON-N2 Connector 135° | alu-silver	510004118020
	CON-N2 Connector 135° | white	520004118020
	CON-N2 Connector 135° | black	530004118020
	CON-N2 Connector 180° | alu-silver	510005118020
	CON-N2 Connector 180° | white	520005118020
	CON-N2 Connector 180° | black	530005118020
	CON-N2 Connector T | alu-silver	510023118020
	CON-N2 Connector T | white	520023118020
	CON-N2 Connector T | black	530023118020
	CON-N2 Connector X | alu-silver	510024118020
	CON-N2 Connector X | white	520024118020
	CON-N2 Connector X | black	530024118020
	CON-N2 Connector 90° | inner corner | alu-silver	510421116004
	CON-N2 Connector 90° | inner corner | white	520421116004
	CON-N2 Connector 90° | inner corner | black	530421116004
	CON-N2 Connector 90° | outer corner | alu-silver	510034118020
	CON-N2 Connector 90° | outer corner | white	520034118020
	CON-N2 Connector 90° | outer corner | black	530034118020

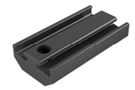
Wall Mounts

Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)

	WAN-N2 Wall Mount | alu-silver	510022118020
	WAN-N2 Wall Mount | white	520022118020
	WAN-N2 Wall Mount | black	530022118020

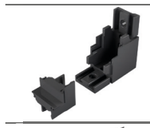
Magnetic Mounts

Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)

	MAG-N2 Magnetic Mount | alu-silver	510014118020
	MAG-N2 Magnetic Mount | white	520014118020
	MAG-N2 Magnetic Mount | black	530014118020

Corner Connectors

Angles: 90° | 120° | 135° | T | X | inner corner 90° | outer corner 90°
Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)

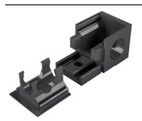
	VMD-N2 Corner Connector 90° | alu-silver	510017118020
	VMD-N2 Corner Connector 90° | white	520017118020
	VMD-N2 Corner Connector 90° | black	530017118020
	VMD-N2 Corner Connector 120° | alu-silver	510015118020
	VMD-N2 Corner Connector 120° | white	520015118020
	VMD-N2 Corner Connector 120° | black	530015118020
	VMD-N2 Corner Connector 135° | alu-silver	510016118020
	VMD-N2 Corner Connector 135° | white	520016118020
	VMD-N2 Corner Connector 135° | black	530016118020
	VMD-N2 Corner Connector honey | alu-silver	510035118020
	VMD-N2 Corner Connector honey | white	520035118020
	VMD-N2 Corner Connector honey | black	530035118020
	VMD-N2 Corner Connector T | alu-silver	510033118020
	VMD-N2 Corner Connector T | white	520033118020
	VMD-N2 Corner Connector T | black	530033118020
	VMD-N2 Corner Connector X | alu-silver	510018118020
	VMD-N2 Corner Connector X | white	520018118020
	VMD-N2 Corner Connector X | black	530018118020
	VMD-N2 Corner Connector 90° | inner corner | alu-silver	510021118020
	VMD-N2 Corner Connector 90° | inner corner | white	520021118020
	VMD-N2 Corner Connector 90° | inner corner | black	530021118020
	VMD-N2 Corner Connector 90° | outer corner | alu-silver	510036118020
	VMD-N2 Corner Connector 90° | outer corner | white	520036118020
	VMD-N2 Corner Connector 90° | outer corner | black	530036118020

Enclosed Endcaps

Opening: left | right | downside
Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)



	END-N2 Endcap | opening left | alu-silver	510009118020
	END-N2 Endcap | opening left | white	520009118020
	END-N2 Endcap | opening left | black	530009118020



	END-N2 Endcap | opening right | alu-silver	510010118020
	END-N2 Endcap | opening right | white	520010118020
	END-N2 Endcap | opening right | black	530010118020



	END-N2 Endcap | opening downside | alu-silver	510011118020
	END-N2 Endcap | opening downside | white	520011118020
	END-N2 Endcap | opening downside | black	530011118020

Enclosed Endcaps Round

Opening: left | right | downside
Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)



	END-N2 Endcap | round | opening left | alu-silver	510029118020
	END-N2 Endcap | round | opening left | white	520029118020
	END-N2 Endcap | round | opening left | black	530029118020



	END-N2 Endcap | round | opening right | alu-silver	510030118020
	END-N2 Endcap | round | opening right | white	520030118020
	END-N2 Endcap | round | opening right | black	530030118020



	END-N2 Endcap | round | opening downside | alu-silver	510031118020
	END-N2 Endcap | round | opening downside | white	520031118020
	END-N2 Endcap | round | opening downside | black	530031118020

Holders

Type: topholder | lamp arm
Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)



	LAM-N2 Topholder | alu-silver	510013118020
	LAM-N2 Topholder | white	520013118020
	LAM-N2 Topholder | black	530013118020



	LAM-N2 Lamp arm | alu-silver	510012118020
	LAM-N2 Lamp arm | white	520012118020
	LAM-N2 Lamp arm | black	530012118020

Suspension systems

Finishes: aluminum-silver | white | black
Material: brass



	SKIT-A2/N2 suspension system | 1,5m | alu-silver	211504000010
	SKIT-A2/N2 suspension system | 1,5m | white	221504000010
	SKIT-A2/N2 suspension system | 1,5m | black	231504000010

Key Advantages of the
EXO-N2_16 LED Profile

LED SURFACE PROFILE

- ALUMINUM SILVER ANODIZED
- BLACK RAL9005 POWDER-COATED
- WHITE RAL9016 POWDER-COATED

High-Quality Covers in Various Translucencies for Perfect Light Distribution

Our polycarbonate covers are available in different colors and light translucencies. These covers provide even light distribution, ensuring your LED strips emit light uniformly without visible transitions. The milky cover creates a diffused light that is ideal for applications where uniform, soft lighting is desired. Our covers are available in lengths up to 100 m on a roll, making them the perfect choice for seamless installations.

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the Highest Demands on LED Lighting Projects

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Surface-mounted profiles are LED lighting channels that are installed directly onto flat surfaces, such as walls, ceilings, or furniture. Unlike recessed profiles, they do not require cutting into surfaces, making them a convenient option for a wide range of lighting designs. Crafted from high-quality aluminum, these profiles ensure optimal heat dissipation, enhancing the lifespan and performance of LED strips.

Why Choose Fenix Solutions?

At Fenix Solutions, we're committed to delivering innovative LED lighting solutions tailored to your needs. Our tile LED profiles are precision-engineered to integrate effortlessly with your tiled designs, offering both style and functionality. With a focus on sustainability, our profiles are made from recycled aluminum, reflecting our dedication to eco-conscious practices.

Whether you're designing a modern kitchen, a luxurious bathroom, or a commercial space with tiled surfaces, our tile profiles for LED strips offer the perfect solution. Pair them with our PETG end caps and spring steel mounting clips for a secure and professional installation.

FENIX PROFILES
ARDET NEC CONSUMITUR

EXO-N3_24

LED ALU SURFACE PROFILE

LED STRIP MAX. 24MM

ULTRAFLAT + WIDE **IP 20**

2m 2m 2m



2Y WARRANTY

5Y UV-RESISTANCE



+ Extra-wide (e.g., for multiple LED strips), flat profile design
+ Mounting clips available
+ Rear cutouts for concealed cable management
+ Multiple cover designs available (flat and extrahigh for three-sided light emission)

EXO-N3_24 LED ALU SURFACE PROFILE LED MAX.24MM | ULTRAFLAT + WIDE

Matching polycarbonate covers, PETG end caps with and without cable openings and spring steel mounting clips can be found on the following pages.

+ Very lightweight with excellent stability
+ Perfect heat dissipation
+ Smooth feel without unnecessary cooling fins
+ Available mounting clips are clicked into the rear of the profile and are no longer visible

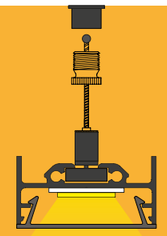
Mounting variations



Profile ALU ANODIZED
+
Cover TRANSPARENT (TL85%*)
+
SPS-N3 Clip SILVER

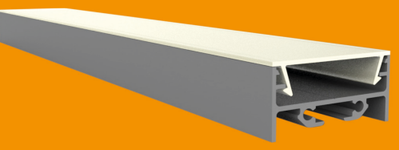


Profile WHITE RAL 9016
+
Cover OPAL SATIN (TL65%*)



Profile BLACK RAL 9005
+
Cover BLACK (TL55%*)
+
SKIT-N3_24 Suspension System BLACK

Cover colours can be combined to match the different coloured profiles depending on the project requirements. Please take the light transmission into account. *TL = translucency. Please note that we can only supply packaging units. This means that the minimum order quantity corresponds to one packaging unit. Sample orders are excluded. We also offer you a sample box with hand samples. Please contact us.



EXO-N3_24

LED ALU SURFACE PROFILE

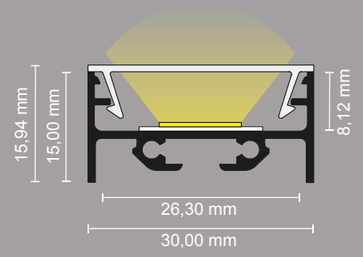
LED STRIP MAX. 24 MM

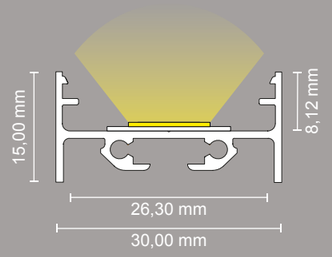
ULTRAFLAT + WIDE

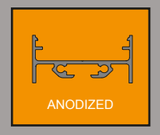
2m

The EXO-N3_24 profile offers a flat design, optimal heat dissipation, and protection for the LED light line, while remaining lightweight and stable. The EXO-N3_24 profile is available in various lengths and colors.









612000129815 ALUMINUM (2m)

2m = 60 pcs/ctn



632000129815 BLACK RAL9005 (2m)

2m = 60 pcs/ctn



622000129815 WHITE RAL9016 (2m)

2m = 60 pcs/ctn

The light emission shown in the sketches does not correspond to the actual photometric measurement results. These are symbolic illustrations.

Material Specification

The N3_24 LED profile is available in three high-quality finishes to suit various design needs:

- Anodized Aluminum
- Black RAL9005
- White RAL9016

The Anodized Aluminum finish offers a durable 15-micron layer, providing excellent protection against wear and corrosion. For the Black and White options, a robust 25-micron powder coating is applied, ensuring a sleek, long-lasting finish. Additionally, for applications requiring extra durability and moisture resistance, PUR Casting is available on request, making this profile versatile and adaptable to different environments We care about enviromental sustainabillity. For this reason, recycled aluminum is used to produce our products.

Our covers are made of polycarbonate with UL94 V-2 flammability classification: Extinguishing of a vertically clamped sample within 30 seconds

Material Compostition of 6063-T5 Aluminum

Aluminum anodized = 15 micron
Aluminum powder-coated = 25 micron
Not chlorine/saltwater resistant

Magnesium	Minimum 0.45%, Maximum 0.9%
Silicon	Minimum 0.2%, Maximum 0.6%
Manganese	No minimum, Maximum 0.10%
Iron	No minimum, Maximum 0.35%
Copper	No minimum, Maximum 0.10%
Chromium	No minimum, Maximum 0.10%

Powder coating in all RAL colours possible on request, subject to a corresponding minimum quantity! This material can be drilled and sawn using suitable machines and the appropriate speed.

Suitable Covers

PC51_24/ PC52_24/ PC53_24 COVER FLAT F. LED ALU-PROFILES EXO-N3/N4 | POLYCARBONAT

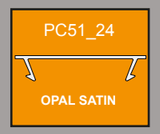
Cover conceals the edges of the aluminium profile in the front view

2m
3m
10m
80m

Covers are matching with the following profile types:

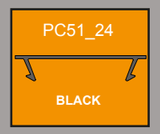
EXO-N3_24

EXO-N4_24



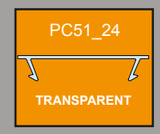
65% light transmission

412001030000 (2m) = 150 pcs/ctn
413001030000 (3m) = 150 pcs/ctn
411000300000 (10m) = 40 pcs/ctn
418000300000 (80m) = 1 pcs/ctn



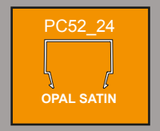
55% light transmission

432001030000 (2m) = 150 pcs/ctn
431000300000 (10m) = 40 pcs/ctn
438000300000 (80m) = 1 pcs/ctn



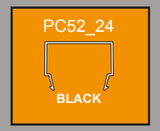
85% light transmission

442001030000 (2m) = 150 pcs/ctn



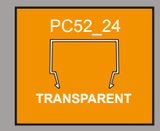
65% light transmission

412001030150 (2m) = 130 pcs/ctn



55% light transmission

432001030150 (2m) = 130 pcs/ctn



85% light transmission

442001030150 (2m) = 130 pcs/ctn



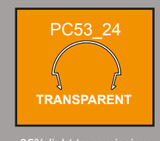
65% light transmission

412001030151 (2m) = 150 pcs/ctn



55% light transmission

432001030151 (2m) = 150 pcs/ctn



85% light transmission

442001030151 (2m) = 150 pcs/ctn

10m rolled in PE-bag | 80m on roll in carton (cover dispenser – easy pull and cut)

Endcaps

Type: with hole | without hole
Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)

	CAP-N3 Endcap | with hole | alu-silver	510002129815
	CAP-N3 Endcap | without hole | alu-silver	510001129815
	CAP-N3 Endcap | with hole | white	520002129815
	CAP-N3 Endcap | without hole | white	520001129815
	CAP-N3 Endcap | with hole | black	530002129815
	CAP-N3 Endcap | without hole | black	530001129815
	CAP-N3 Endcap | HALF-ROUND | with hole | alu-silver	510004129815
	CAP-N3 Endcap | HALF-ROUND | without hole | alu-silver	510003129815
	CAP-N3 Endcap | HALF-ROUND | with hole | white	520004129815
	CAP-N3 Endcap | HALF-ROUND | without hole | white	520003129815
	CAP-N3 Endcap | HALF-ROUND | with hole | black	530004129815
	CAP-N3 Endcap | HALF-ROUND | without hole | black	530003129815
	CAP-N3 Endcap | HIGH | with hole | alu-silver	510029129815
	CAP-N3 Endcap | HIGH | without hole | alu-silver	510030129815
	CAP-N3 Endcap | HIGH | with hole | white	520029129815
	CAP-N3 Endcap | HIGH | without hole | white	520030129815
	CAP-N3 Endcap | HIGH | with hole | black	530029129815
	CAP-N3 Endcap | HIGH | without hole | black	530030129815

Mounting Clip

Finishes: aluminum-silver
Material: spring steel

	SPS-N3_24 silver SpringSteel	311000000005

Connectors

Angles: 90° | 120° | 135° | 180° | T | X | inner corner 90° | outer corner 90°
Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)

	CON-N3 Connector 90° | alu-silver	510008129815
	CON-N3 Connector 90° | white	520008129815
	CON-N3 Connector 90° | black	530008129815
	CON-N3 Connector 120° | alu-silver	510005129815
	CON-N3 Connector 120° | white	520005129815
	CON-N3 Connector 120° | black	530005129815
	CON-N3 Connector 135° | alu-silver	510006129815
	CON-N3 Connector 135° | white	520006129815
	CON-N3 Connector 135° | black	530006129815
	CON-N3 Connector 180° | alu-silver	510007129815
	CON-N3 Connector 180° | white	520007129815
	CON-N3 Connector 180° | black	530007129815
	CON-N3 Connector T | alu-silver	510022129815
	CON-N3 Connector T | white	520022129815
	CON-N3 Connector T | black	530022129815
	CON-N3 Connector X | alu-silver	510023129815
	CON-N3 Connector X | white	520023129815
	CON-N3 Connector X | black	530023129815
	CON-N3 Connector 90° | inner corner | alu-silver	510027129815
	CON-N3 Connector 90° | inner corner | white	520027129815
	CON-N3 Connector 90° | inner corner | black	530027129815
	CON-N3 Connector 90° | outer corner | alu-silver	510028129815
	CON-N3 Connector 90° | outer corner | white	520028129815
	CON-N3 Connector 90° | outer corner | black	530028129815

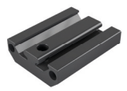
Wall Mounts

Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)

	WAN-N3 Wall Mount | alu-silver	510019129815
	WAN-N3 Wall Mount | white	520019129815
	WAN-N3 Wall Mount | black	530019129815

Magnetic Mounts

Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)



■	MAG-N3 Magnetic Mount | alu-silver	510012129815
□	MAG-N3 Magnetic Mount | white	520012129815
■	MAG-N3 Magnetic Mount | black	530012129815

Corner Connectors

Angles: 90° | 120° | 135° | T | X
Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)



■	VMD-N3 Corner Connector 90° | alu-silver	510016129815
□	VMD-N3 Corner Connector 90° | white	520016129815
■	VMD-N3 Corner Connector 90° | black	530016129815



■	VMD-N3 Corner Connector 120° | alu-silver	510014129815
□	VMD-N3 Corner Connector 120° | white	520014129815
■	VMD-N3 Corner Connector 120° | black	530014129815



■	VMD-N3 Corner Connector 135° | alu-silver	510015129815
□	VMD-N3 Corner Connector 135° | white	520015129815
■	VMD-N3 Corner Connector 135° | black	530015129815



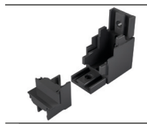
■	VMD-N3 Corner Connector honey | alu-silver	510024129815
□	VMD-N3 Corner Connector honey | white	520024129815
■	VMD-N3 Corner Connector honey | black	530024129815



■	VMD-N3 Corner Connector T | alu-silver	510025129815
□	VMD-N3 Corner Connector T | white	520025129815
■	VMD-N3 Corner Connector T | black	530025129815



■	VMD-N3 Corner Connector X | alu-silver	510026129815
□	VMD-N3 Corner Connector X | white	520026129815
■	VMD-N3 Corner Connector X | black	530026129815



■	VMD-N3 Corner Connector 90° | inner corner | alu-silver	510031129815
□	VMD-N3 Corner Connector 90° | inner corner | white	520031129815
■	VMD-N3 Corner Connector 90° | inner corner | black	530031129815



■	VMD-N3 Corner Connector 90° | outer corner | alu-silver	510032129815
□	VMD-N3 Corner Connector 90° | outer corner | white	520032129815
■	VMD-N3 Corner Connector 90° | outer corner | black	530032129815

Enclosed Endcaps

Opening: left | right | downside
Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)



■	END-N3 Endcap | opening left | alu-silver	510009129815
□	END-N3 Endcap | opening left | white	520009129815
■	END-N3 Endcap | opening left | black	530009129815



■	END-N3 Endcap | opening right | alu-silver	510010129815
□	END-N3 Endcap | opening right | white	520010129815
■	END-N3 Endcap | opening right | black	530010129815



■	END-N3 Endcap | opening downside | alu-silver	510011129815
□	END-N3 Endcap | opening downside | white	520011129815
■	END-N3 Endcap | opening downside | black	530011129815

Suspension systems

Finishes: aluminum-silver | white | black
Material: brass



■	SKIT-N3/N4/TI1 suspension system | 1,5m | alu-silver	211509000010
□	SKIT-N3/N4/TI1 suspension system | 1,5m | white	221509000010
■	SKIT-N3/N4/TI1 suspension system | 1,5m | black	231509000010

Key Advantages of the
EXO-N3_24 LED Profile

LED SURFACE PROFILE

ALUMINUM SILVER
ANODIZED

BLACK RAL9005
POWDER-COATED

WHITE RAL9016
POWDER-COATED

High-Quality Covers in Various Translucencies for Perfect Light Distribution

Our polycarbonate covers are available in different colors and light translucencies. These covers provide even light distribution, ensuring your LED strips emit light uniformly without visible transitions. The milky cover creates a diffused light that is ideal for applications where uniform, soft lighting is desired. Our covers are available in lengths up to 100 m on a roll, making them the perfect choice for seamless installations.

Comprehensive Accessories for Professional Installation

We offer matching accessories such as PETG end caps and spring steel mounting clips. These components provide additional protection for your installations and allow for easy and secure mounting of the profile. The accessories are specifically designed to help you achieve professional and aesthetically pleasing results.



EXO-N3_24 – The Ideal Choice for Those with
the Highest Demands on LED Lighting Projects

What Are Surface-Mounted LED Profiles?

Surface-mounted profiles are LED lighting channels that are installed directly onto flat surfaces, such as walls, ceilings, or furniture. Unlike recessed profiles, they do not require cutting into surfaces, making them a convenient option for a wide range of lighting designs. Crafted from high-quality aluminum, these profiles ensure optimal heat dissipation, enhancing the lifespan and performance of LED strips.

Why Choose Fenix Solutions?

At Fenix Solutions, we're committed to delivering innovative LED lighting solutions tailored to your needs. Our tile LED profiles are precision-engineered to integrate effortlessly with your tiled designs, offering both style and functionality. With a focus on sustainability, our profiles are made from recycled aluminum, reflecting our dedication to eco-conscious practices.

Whether you're designing a modern kitchen, a luxurious bathroom, or a commercial space with tiled surfaces, our tile profiles for LED strips offer the perfect solution. Pair them with our PETG end caps and spring steel mounting clips for a secure and professional installation.

FENIX PROFILES
ARDET NEC CONSUMITUR

EXO-N4_24

LED ALU SURFACE PROFILE

LED STRIP MAX. 24MM

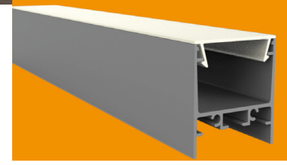
FLAT + WIDE **IP 20**

2m 2m 2m



2Y WARRANTY

5Y UV-RESISTANCE



Covers < 80m
Cover Dispenser

EXO-N4_24 LED ALU SURFACE PROFILE LED MAX.24MM | FLAT + WIDE

Matching polycarbonate covers, PETG end caps with and without cable openings and spring steel mounting clips can be found on the following pages.

+ Extra-wide (e.g., for multiple LED strips), flat profile design
+ Rear cutouts for concealed cable management
+ Other standard colors available in the assortment
+ Multiple cover designs available (flat and extrahigh for three-sided light emission)
+ Very lightweight with excellent stability
+ Perfect heat dissipation
+ Smooth feel without unnecessary cooling fins
+ Available mounting clips are clicked into the rear of the profile and are no longer visible

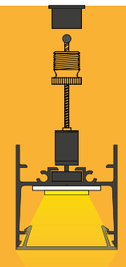
Mounting variations



Profile ALU ANODIZED
+
Cover TRANSPARENT (TL85%*)
+
SPS-N4 Clip SILVER



Profile WHITE RAL 9016
+
Cover OPAL SATIN (TL65%*)



Profile BLACK RAL 9005
+
Cover BLACK (TL55%*)
+
SKIT-N4 Suspension System SILVER

Cover colours can be combined to match the different coloured profiles depending on the project requirements. Please take the light transmission into account. *TL = translucency. Please note that we can only supply packaging units. This means that the minimum order quantity corresponds to one packaging unit. Sample orders are excluded. We also offer you a sample box with hand samples. Please contact us.



EXO-N4_24

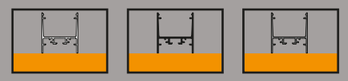
LED ALU SURFACE PROFILE

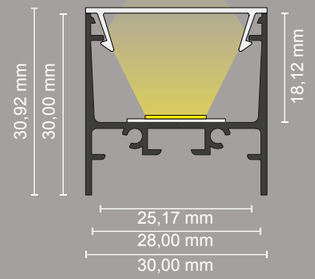
LED STRIP MAX. 24 MM

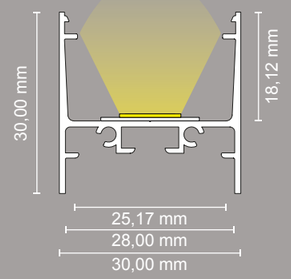
FLAT + WIDE

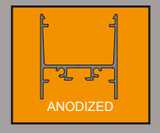
2m

The EXO-N4_24 profile offers a flat design, optimal heat dissipation, and protection for the LED light line, while remaining lightweight and stable. The EXO-N4_24 profile is available in various lengths and colors.



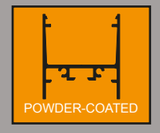






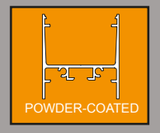
612000129830 ALUMINUM (2m)

2m = 14 pcs/ctn



632000129830 BLACK RAL9005 (2m)

2m = 14 pcs/ctn



622000129830 WHITE RAL9016 (2m)

2m = 14 pcs/ctn

The light emission shown in the sketches does not correspond to the actual photometric measurement results. These are symbolic illustrations.

Material Specification

The N4_24 LED profile is available in three high-quality finishes to suit various design needs:

- Anodized Aluminum
- Black RAL9005
- White RAL9016

The Anodized Aluminum finish offers a durable 15-micron layer, providing excellent protection against wear and corrosion. For the Black and White options, a robust 25-micron powder coating is applied, ensuring a sleek, long-lasting finish. Additionally, for applications requiring extra durability and moisture resistance, PUR Casting is available on request, making this profile versatile and adaptable to different environments We care about enviromental sustainabillity. For this reason, recycled aluminum is used to produce our products.

Our covers are made of polycarbonate with UL94 V-2 flammability classification: Extinguishing of a vertically clamped sample within 30 seconds

Material Compostition of 6063-T5 Aluminum

Aluminum anodized = 15 micron
Aluminum powder-coated = 25 micron
Not chlorine/saltwater resistant

Magnesium	Minimum 0.45%, Maximum 0.9%
Silicon	Minimum 0.2%, Maximum 0.6%
Manganese	No minimum, Maximum 0.10%
Iron	No minimum, Maximum 0.35%
Copper	No minimum, Maximum 0.10%
Chromium	No minimum, Maximum 0.10%

Powder coating in all RAL colours possible on request, subject to a corresponding minimum quantity! This material can be drilled and sawn using suitable machines and the appropriate speed.

Suitable Covers

PC51_24/ PC52_24/ PC53_24 COVER FLAT F. LED ALU-PROFILES
EXO-N3/N4 | POLYCARBONAT

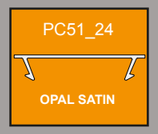
Cover conceals the edges of the aluminium profile in the front view

2m
3m
10m
80m

Covers are matching with the following profile types:

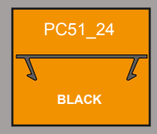
EXO-N3_24

EXO-N4_24



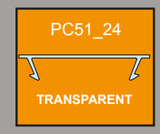
65% light transmission

412001030000 (2m) = 150 pcs/ctn
413001030000 (3m) = 150 pcs/ctn
411000300000 (10m) = 40 pcs/ctn
418000300000 (80m) = 1 pcs/ctn



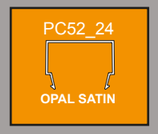
55% light transmission

432001030000 (2m) = 150 pcs/ctn
431000300000 (10m) = 40 pcs/ctn
438000300000 (80m) = 1 pcs/ctn



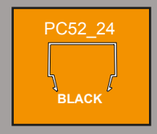
85% light transmission

442001030000 (2m) = 150 pcs/ctn



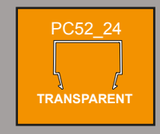
65% light transmission

412001030150 (2m) = 130 pcs/ctn



55% light transmission

432001030150 (2m) = 130 pcs/ctn



85% light transmission

442001030150 (2m) = 130 pcs/ctn



65% light transmission

412001030151 (2m) = 150 pcs/ctn



55% light transmission

432001030151 (2m) = 150 pcs/ctn



85% light transmission

442001030151 (2m) = 150 pcs/ctn

10m rolled in PE-bag | 80m on roll in carton (cover dispenser – easy pull and cut)

Endcaps

Type: with hole | without hole
Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)

	CAP-N4 Endcap | with hole | alu-silver	510002129830
	CAP-N4 Endcap | without hole | alu-silver	510001129830
	CAP-N4 Endcap | with hole | white	520002129830
	CAP-N4 Endcap | without hole | white	520001129830
	CAP-N4 Endcap | with hole | black	530002129830
	CAP-N4 Endcap | without hole | black	530001129830
	CAP-N4 Endcap | HALF-ROUND | with hole | alu-silver	510006129830
	CAP-N4 Endcap | HALF-ROUND | without hole | alu-silver	510005129830
	CAP-N4 Endcap | HALF-ROUND | with hole | white	520006129830
	CAP-N4 Endcap | HALF-ROUND | without hole | white	520005129830
	CAP-N4 Endcap | HALF-ROUND | with hole | black	530006129830
	CAP-N4 Endcap | HALF-ROUND | without hole | black	530005129830
	CAP-N4 Endcap | HIGH | with hole | alu-silver	510029129830
	CAP-N4 Endcap | HIGH | without hole | alu-silver	510030129830
	CAP-N4 Endcap | HIGH | with hole | white	520029129830
	CAP-N4 Endcap | HIGH | without hole | white	520030129830
	CAP-N4 Endcap | HIGH | with hole | black	530029129830
	CAP-N4 Endcap | HIGH | without hole | black	530030129830

Mounting Clip

Finishes: aluminum-silver
Material: spring steel

	SPS-N4_24 silver SpringSteel	311000000008

Connectors

Angles: 90° | 120° | 135° | 180° | T | X | inner corner 90° | outer corner 90°
Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)

	CON-N4 Connector 90° | alu-silver	510010129830
	CON-N4 Connector 90° | white	520010129830
	CON-N4 Connector 90° | black	530010129830
	CON-N4 Connector 120° | alu-silver	510007129830
	CON-N4 Connector 120° | white	520007129830
	CON-N4 Connector 120° | black	530007129830
	CON-N4 Connector 135° | alu-silver	510008129830
	CON-N4 Connector 135° | white	520008129830
	CON-N4 Connector 135° | black	530008129830
	CON-N4 Connector 180° | alu-silver	510009129830
	CON-N4 Connector 180° | white	520009129830
	CON-N4 Connector 180° | black	530009129830
	CON-N4 Connector T | alu-silver	510011129830
	CON-N4 Connector T | white	520011129830
	CON-N4 Connector T | black	530011129830
	CON-N4 Connector X | alu-silver	510531116004
	CON-N4 Connector X | white	520531116004
	CON-N4 Connector X | black	530531116004
	CON-N4 Connector 90° | inner corner | alu-silver	510045129830
	CON-N4 Connector 90° | inner corner | white	520045129830
	CON-N4 Connector 90° | inner corner | black	530045129830
	CON-N4 Connector 90° | outer corner | alu-silver	510046129830
	CON-N4 Connector 90° | outer corner | white	520046129830
	CON-N4 Connector 90° | outer corner | black	530046129830

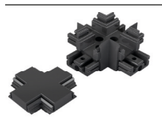
Wall Mounts

Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)

	WAN-N4 Wall Mount | alu-silver	510041129830
	WAN-N4 Wall Mount | white	520041129830
	WAN-N4 Wall Mount | black	530041129830

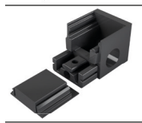
Corner Connectors

Angles: 90° | 120° | 135° | T | X
Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)

	VMD-N4 Corner Connector 90° | alu-silver	510036129830
	VMD-N4 Corner Connector 90° | white	520036129830
	VMD-N4 Corner Connector 90° | black	530036129830
	VMD-N4 Corner Connector 120° | alu-silver	510034129830
	VMD-N4 Corner Connector 120° | white	520034129830
	VMD-N4 Corner Connector 120° | black	530034129830
	VMD-N4 Corner Connector 135° | alu-silver	510035129830
	VMD-N4 Corner Connector 135° | white	520035129830
	VMD-N4 Corner Connector 135° | black	530035129830
	VMD-N4 Corner Connector Honey | alu-silver	510040129830
	VMD-N4 Corner Connector Honey | white	520040129830
	VMD-N4 Corner Connector Honey | black	530040129830
	VMD-N4 Corner Connector T | alu-silver	510042129830
	VMD-N4 Corner Connector T | white	520042129830
	VMD-N4 Corner Connector T | black	530042129830
	VMD-N4 Corner Connector X | alu-silver	510043129830
	VMD-N4 Corner Connector X | white	520043129830
	VMD-N4 Corner Connector X | black	530043129830
	VMD-N4 Corner Connector 90° | inner corner | alu-silver	510033129830
	VMD-N4 Corner Connector 90° | inner corner | white	520033129830
	VMD-N4 Corner Connector 90° | inner corner | black	530033129830
	VMD-N4 Corner Connector 90° | outer corner | alu-silver	510049129830
	VMD-N4 Corner Connector 90° | outer corner | white	520049129830
	VMD-N4 Corner Connector 90° | outer corner | black	530049129830

Enclosed Endcaps

Opening: left | right | downside
Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)

	END-N4 Endcap | opening left | alu-silver	510013129830
	END-N4 Endcap | opening left | white	520013129830
	END-N4 Endcap | opening left | black	530013129830
	END-N4 Endcap | opening right | alu-silver	510014129830
	END-N4 Endcap | opening right | white	520014129830
	END-N4 Endcap | opening right | black	530014129830
	END-N4 Endcap | opening downside | alu-silver	510015129830
	END-N4 Endcap | opening downside | white	520015129830
	END-N4 Endcap | opening downside | black	530015129830

Enclosed Endcaps Round

Opening: left | right | downside
Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)

	END-N4 Endcap | round | opening left | alu-silver	510016129830
	END-N4 Endcap | round | opening left | white	520016129830
	END-N4 Endcap | round | opening left | black	530016129830
	END-N4 Endcap | round | opening right | alu-silver	510017129830
	END-N4 Endcap | round | opening right | white	520017129830
	END-N4 Endcap | round | opening right | black	530017129830
	END-N4 Endcap | round | opening downside | alu-silver	510018129830
	END-N4 Endcap | round | opening downside | white	520018129830
	END-N4 Endcap | round | opening downside | black	530018129830

Up&Down Set

Type: rope suspension | wall montage
Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)

	UPD-N4 Connector Set | rope suspension | alu-silver	510048129830
	UPD-N4 Connector Set | rope suspension | white	520048129830
	UPD-N4 Connector Set | rope suspension | black	530048129830
	UPD-N4 Connector Set | wall montage | alu-silver	510047129830
	UPD-N4 Connector Set | wall montage | white	520047129830
	UPD-N4 Connector Set | wall montage | black	530047129830

Holders

Type: topholder | lamp arm
Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)

	LAM-N4 Topholder | alu-silver	510020129830
	LAM-N4 Topholder | white	520020129830
	LAM-N4 Topholder | black	530020129830
	LAM-N4 Lamp arm | alu-silver	510044129830
	LAM-N4 Lamp arm | white	520044129830
	LAM-N4 Lamp arm | black	530044129830

Magnetic Mounts

Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)



■	MAG-N4 Magnetic Mount | alu-silver	510021129830
□	MAG-N4 Magnetic Mount | white	520021129830
■	MAG-N4 Magnetic Mount | black	530021129830

Suspension systems

Finishes: aluminum-silver | white | black
Material: brass



■	SKIT-N3/N4/TI1 suspension system | 1,5m | alu-silver	211509000010
□	SKIT-N3/N4/TI1 suspension system | 1,5m | white	221509000010
■	SKIT-N3/N4/TI1 suspension system | 1,5m | black	231509000010

Key Advantages of the EXO-N4_24 LED Profile

LED SURFACE PROFILE

- ALUMINUM SILVER ANODIZED
- BLACK RAL9005 POWDER-COATED
- WHITE RAL9016 POWDER-COATED

High-Quality Covers in Various Translucencies for Perfect Light Distribution

Our polycarbonate covers are available in different colors and light translucencies. These covers provide even light distribution, ensuring your LED strips emit light uniformly without visible transitions. The milky cover creates a diffused light that is ideal for applications where uniform, soft lighting is desired. Our covers are available in lengths up to 100 m on a roll, making them the perfect choice for seamless installations.

Comprehensive Accessories for Professional Installation

We offer matching accessories such as PETG end caps and spring steel mounting clips. These components provide additional protection for your installations and allow for easy and secure mounting of the profile. The accessories are specifically designed to help you achieve professional and aesthetically pleasing results.





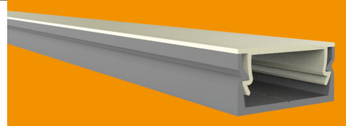
FENIX PROFILES
ARDET NEC CONSUMITUR

EXO-NLN1_14

LED ALU SURFACE PROFILE

LED STRIP MAX. 14 MM

ULTRAFLAT **IP 20**



Covers < 3 m

2Y WARRANTY

5Y UV-RESISTANCE

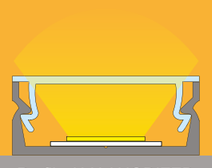
EXO-NLN1_14 LED ALU SURFACE PROFILE LED MAX.14MM | ULTRAFLAT

Matching polycarbonate covers, PETG end caps with and without cable openings and spring steel mounting clips can be found on the following pages.

+ Ultraflat, ultraslim profile design
+ Mounting clips available
+ Flat cover design
+ Cover conceals the edges of the aluminum profile from the front view (aluminum invisible)

+ Very lightweight with excellent stability
+ Perfect heat dissipation
+ Smooth feel without unnecessary cooling fins
+ Optimal protection of the LED light strip from dust and mechanical impacts

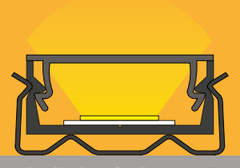
Mounting variations



Profile ALU ANODIZED
+
Cover TRANSPARENT (TL85%*)



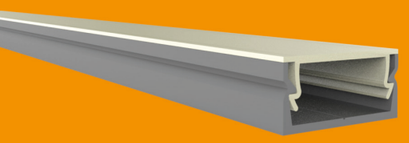
Profile WHITE RAL 9016
+
Cover OPAL SATIN (TL65%*)



Profile BLACK RAL 9005
+
Cover BLACK (TL55%*)
+
SPS-NLN1_14 BLACK SpringSteel

Cover colours can be combined to match the different coloured profiles depending on the project requirements. Please take the light transmission into account. *TL = translucency. Please note that we can only supply packaging units. This means that the minimum order quantity corresponds to one packaging unit. Sample orders are excluded. We also offer you a sample box with hand samples. Please contact us.

EXO-NLN1_14



LED ALU SURFACE PROFILE

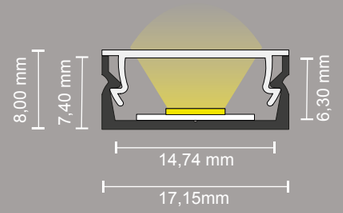
LED STRIP MAX. 14 MM

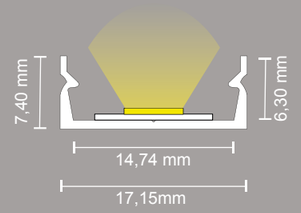
ULTRAFLAT

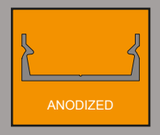
2m

The EXO-NLN1_14 profile offers a flat design, optimal heat dissipation, and protection for the LED light line, while remaining lightweight and stable. The EXO-NLN1_14 profile is available in various lengths and colors.









612000114707 ALUMINUM (2m)

2m = 90 pcs/ctn



632000114707 BLACK RAL9005 (2m)

2m = 90 pcs/ctn



622000114707 WHITE RAL9016 (2m)

2m = 90 pcs/ctn

The light emission shown in the sketches does not correspond to the actual photometric measurement results. These are symbolic illustrations.

Material Specification

The NLN1_14 LED profile is available in three high-quality finishes to suit various design needs:

- Anodized Aluminum
- Black RAL9005
- White RAL9016

The Anodized Aluminum finish offers a durable 15-micron layer, providing excellent protection against wear and corrosion. For the Black and White options, a robust 25-micron powder coating is applied, ensuring a sleek, long-lasting finish. Additionally, for applications requiring extra durability and moisture resistance, PUR Casting is available on request, making this profile versatile and adaptable to different environments We care about enviromental sustainabillity. For this reason, recycled aluminum is used to produce our products.

Our covers are made of polycarbonate with UL94 V-2 flammability classification: Extinguishing of a vertically clamped sample within 30 seconds

Material Compostition of 6063-T5 Aluminum

Aluminum anodized = 15 micron
Aluminum powder-coated = 25 micron
Not chlorine/saltwater resistant

Magnesium	Minimum 0.45%, Maximum 0.9%
Silicon	Minimum 0.2%, Maximum 0.6%
Manganese	No minimum, Maximum 0.10%
Iron	No minimum, Maximum 0.35%
Copper	No minimum, Maximum 0.10%
Chromium	No minimum, Maximum 0.10%

Powder coating in all RAL colours possible on request, subject to a corresponding minimum quantity! This material can be drilled and sawn using suitable machines and the appropriate speed.

Suitable Covers

2m
3m

PC31_14 COVER FLAT F. LED ALU- PROFILES
EXO-NLN1/NLN1F/NLN2/NLN2F | POLYCARBONAT

Cover conceals the edges of the aluminium profile in the front view

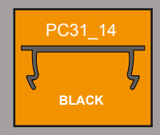
Covers are matching with the following profile types:

EXO-NLN1_14 EXO-NLN2_14
EXO-NLN1F_14 EXO-NLN2F_14



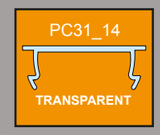
65% light transmission

412001020011 (2m) = 200 pcs/ctn
413001020011 (3m) = 200 pcs/ctn



55% light transmission

432001020012 (2m) = 200 pcs/ctn



85% light transmission

442001020013 (2m) = 200 pcs/ctn

10m rolled in PE-bag | 80m on roll in carton (cover dispenser – easy pull and cut)

Endcaps

Type: with hole | without hole
Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)



■	CAP-NLN1 Endcap | with hole | alu-silver	510002114707
■	CAP-NLN1 Endcap | without hole | alu-silver	510001114707



□	CAP-NLN1 Endcap | with hole | white	520002114707
□	CAP-NLN1 Endcap | without hole | white	520001114707



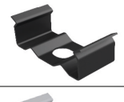
■	CAP-NLN1 Endcap | with hole | black	530002114707
■	CAP-NLN1 Endcap | without hole | black	530001114707

Mounting Clip

Finishes: aluminum-silver | white | black
Material: spring steel



■	SPS-NLN1_14 silver SpringSteel	311000000011



■	SPS-NLN1_14 black SpringSteel	331000000011



□	SPS-NLN1_14 white SpringSteel	321000000011

Magnetic Mounts

Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)



	MAG-NLN1 Magnetic Mount | alu-silver	510005114707
	MAG-NLN1 Magnetic Mount | white	520005114707
	MAG-NLN1 Magnetic Mount | black	530005114707

Key Advantages of the EXO-NLN1_14 LED Profile

LED SURFACE PROFILE

- ALUMINUM SILVER ANODIZED
- BLACK RAL9005 POWDER-COATED
- WHITE RAL9016 POWDER-COATED

Comprehensive Accessories for Professional Installation

We offer matching accessories such as PETG end caps and spring steel mounting clips. These components provide additional protection for your installations and allow for easy and secure mounting of the profile. The accessories are specifically designed to help you achieve professional and aesthetically pleasing results.

High-Quality Covers in Various Translucencies for Perfect Light Distribution

Our polycarbonate covers are available in different colors and light translucencies. These covers provide even light distribution, ensuring your LED strips emit light uniformly without visible transitions. The milky cover creates a diffused light that is ideal for applications where uniform, soft lighting is desired. Our covers are available in lengths up to 100 m on a roll, making them the perfect choice for seamless installations.



EXO-NLN1_14 – The Ideal Choice for Those with the Highest Demands on LED Lighting Projects

What Are Surface-Mounted LED Profiles?

Surface-mounted profiles are LED lighting channels that are installed directly onto flat surfaces, such as walls, ceilings, or furniture. Unlike recessed profiles, they do not require cutting into surfaces, making them a convenient option for a wide range of lighting designs. Crafted from high-quality aluminum, these profiles ensure optimal heat dissipation, enhancing the lifespan and performance of LED strips.



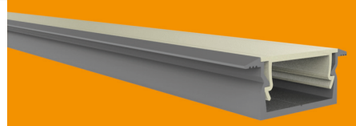
FENIX PROFILES
ARDET NEC CONSUMITUR

EXO-NLN1F_14

LED ALU RECESSED PROFILE

LED STRIP MAX. 14 MM

ULTRAFLAT + WINGS **IP 20**



Covers < 3 m

2Y WARRANTY

5Y UV-RESISTANCE

- + Ultraflat, ultraslim profile design
- + Mounting clips available
- + Cover flush with the profile
- + Cover conceals the edges of the aluminum profile from the front view (aluminum invisible)

EXO-NLN1F_14 LED ALU RECESSED PROFILE LED MAX.14MM | ULTRAFLAT + WINGS

Matching polycarbonate covers, PETG end caps with and without cable openings and spring steel mounting clips can be found on the following pages.

- + Very lightweight with excellent stability
- + Perfect heat dissipation
- + Smooth feel without unnecessary cooling fins
- + Optimal protection of the LED light strip from dust and mechanical impacts

Mounting variations



Profile ALU ANODIZED
+
Cover TRANSPARENT (TL85%*)



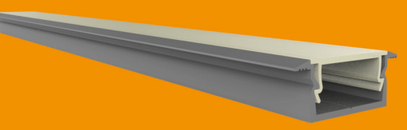
Profile WHITE RAL 9016
+
Cover OPAL SATIN (TL65%*)



Profile BLACK RAL 9005
+
Cover BLACK (TL55%*)
+
SPS-NLN1F_14 BLACK SpringSteel

Cover colours can be combined to match the different coloured profiles depending on the project requirements. Please take the light transmission into account. *TL = translucency. Please note that we can only supply packaging units. This means that the minimum order quantity corresponds to one packaging unit. Sample orders are excluded. We also offer you a sample box with hand samples. Please contact us.

EXO-NLN1F_14



LED ALU RECESSED PROFILE

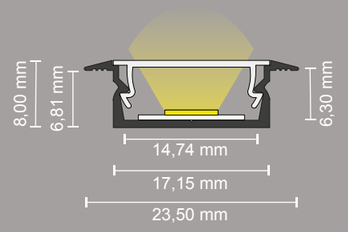
LED STRIP MAX. 14 MM

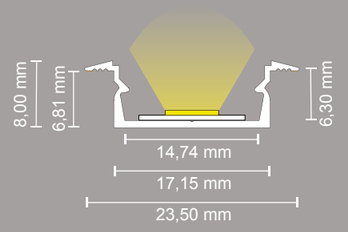
ULTRAFLAT + WINGS

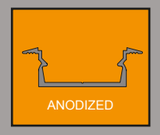
2m

The EXO-NLN1F_14 profile offers a flat design, optimal heat dissipation, and protection for the LED light line, while remaining lightweight and stable. The EXO-NLN1F_14 profile is available in various lengths and colors.









612000214707 ALUMINUM (2m)

2m = 90 pcs/ctn



632000214707 BLACK RAL9005 (2m)

2m = 90 pcs/ctn



622000214707 WHITE RAL9016 (2m)

2m = 90 pcs/ctn

The light emission shown in the sketches does not correspond to the actual photometric measurement results. These are symbolic illustrations.

Material Specification

The NLN1F_14 LED profile is available in three high-quality finishes to suit various design needs:

- Anodized Aluminum
- Black RAL9005
- White RAL9016

The Anodized Aluminum finish offers a durable 15-micron layer, providing excellent protection against wear and corrosion. For the Black and White options, a robust 25-micron powder coating is applied, ensuring a sleek, long-lasting finish. Additionally, for applications requiring extra durability and moisture resistance, PUR Casting is available on request, making this profile versatile and adaptable to different environments We care about enviromental sustainabillity. For this reason, recycled aluminum is used to produce our products.

Our covers are made of polycarbonate with UL94 V-2 flammability classification: Extinguishing of a vertically clamped sample within 30 seconds

Material Compostition of 6063-T5 Aluminum

Aluminum anodized = 15 micron
Aluminum powder-coated = 25 micron
Not chlorine/saltwater resistant

Magnesium	Minimum 0.45%, Maximum 0.9%
Silicon	Minimum 0.2%, Maximum 0.6%
Manganese	No minimum, Maximum 0.10%
Iron	No minimum, Maximum 0.35%
Copper	No minimum, Maximum 0.10%
Chromium	No minimum, Maximum 0.10%

Powder coating in all RAL colours possible on request, subject to a corresponding minimum quantity! This material can be drilled and sawn using suitable machines and the appropriate speed.

Suitable Covers

2m
3m

PC31_14 COVER FLAT F. LED ALU-PROFILES
EXO-NLN1/NLN1F/NLN2/NLN2F | POLYCARBONAT

Cover conceals the edges of the aluminium profile in the front view

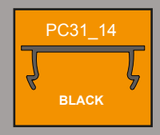
Covers are matching with the following profile types:

EXO-NLN1_14 EXO-NLN2_14
EXO-NLN1F_14 EXO-NLN2F_14



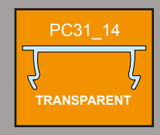
65% light transmission

412001020011 (2m) = 200 pcs/ctn
413001020011 (3m) = 200 pcs/ctn



55% light transmission

432001020012 (2m) = 200 pcs/ctn



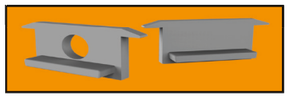
85% light transmission

442001020013 (2m) = 200 pcs/ctn

10m rolled in PE-bag | 80m on roll in carton (cover dispenser – easy pull and cut)

Endcaps

Type: with hole | without hole
Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)



■	CAP-NLN1F Endcap | with hole | alu-silver	510002214707
■	CAP-NLN1F Endcap | without hole | alu-silver	510001214707



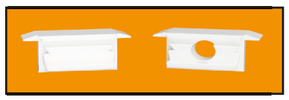
□	CAP-NLN1F Endcap | with hole | white	520002214707
□	CAP-NLN1F Endcap | without hole | white	520001214707



■	CAP-NLN1F Endcap | with hole | black	530002214707
■	CAP-NLN1F Endcap | without hole | black	530001214707



■	CAP-NLN1F Endcap | Flush | with hole | alu-silver	510004114707
■	CAP-NLN1F Endcap | Flush | without hole | alu-silver	510003114707



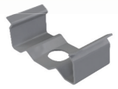
□	CAP-NLN1F Endcap | Flush | with hole | white	520004114707
□	CAP-NLN1F Endcap | Flush | without hole | white	520003114707



■	CAP-NLN1F Endcap | Flush | with hole | black	530004114707
■	CAP-NLN1F Endcap | Flush | without hole | black	530003114707

Mounting Clip

Finishes: aluminum-silver | white | black
Material: spring steel

		SPS-NLN1F_14 silver SpringSteel	311000000011
		SPS-NLN1F_14 black SpringSteel	331000000011
		SPS-NLN1F_14 white SpringSteel	321000000011

Key Advantages of the EXO-NLN1F_14 LED Profile

LED RECESSED PROFILE

ALUMINUM SILVER ANODIZED

BLACK RAL9005 POWDER-COATED

WHITE RAL9016 POWDER-COATED

High-Quality Covers in Various Translucencies for Perfect Light Distribution

Our polycarbonate covers are available in different colors and light translucencies. These covers provide even light distribution, ensuring your LED strips emit light uniformly without visible transitions. The milky cover creates a diffused light that is ideal for applications where uniform, soft lighting is desired. Our covers are available in lengths up to 100 m on a roll, making them the perfect choice for seamless installations.

Comprehensive Accessories for Professional Installation

We offer matching accessories such as PETG end caps and spring steel mounting clips. These components provide additional protection for your installations and allow for easy and secure mounting of the profile. The accessories are specifically designed to help you achieve professional and aesthetically pleasing results.





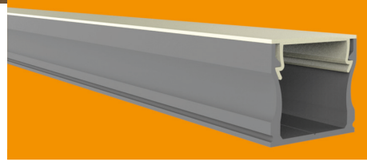
FENIX PROFILES
ARDET NEC CONSUMITUR

EXO-NLN2_12

LED ALU SURFACE PROFILE

LED STRIP MAX. 12 MM

NARROW **IP 20**



2Y WARRANTY

5Y UV-RESISTANCE

EXO-NLN2_12 LED ALU SURFACE PROFILE LED MAX.12MM | NARROW

Matching polycarbonate covers, PETG end caps with and without cable openings and spring steel mounting clips can be found on the following pages.

+ Extra-high, narrow profile design
+ Mounting clips available
+ Flat cover design
+ Cover conceals the edges of the aluminum profile from the front view (aluminum invisible)

+ Very lightweight with excellent stability
+ Perfect heat dissipation
+ Smooth feel without unnecessary cooling fins
+ Optimal protection of the LED light strip from dust and mechanical impacts

Mounting variations



Profile ALU ANODIZED
+
Cover TRANSPARENT (TL85%*)



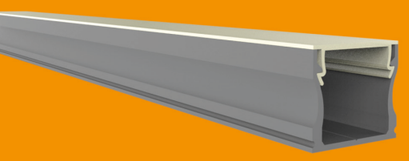
Profile WHITE RAL 9016
+
Cover OPAL SATIN (TL65%*)



Profile BLACK RAL 9005
+
Cover BLACK (TL55%*)
+
SPS-NLN2_12 BLACK SpringSteel

Cover colours can be combined to match the different coloured profiles depending on the project requirements. Please take the light transmission into account. *TL = translucency. Please note that we can only supply packaging units. This means that the minimum order quantity corresponds to one packaging unit. Sample orders are excluded. We also offer you a sample box with hand samples. Please contact us.

EXO-NLN2_12



LED ALU SURFACE PROFILE

LED STRIP MAX. 12 MM

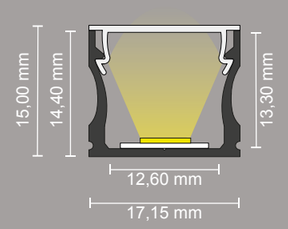
ULTRAFLAT

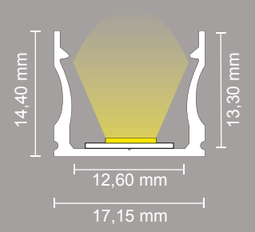
2m

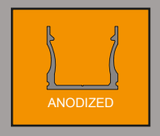
1m

The EXO-NLN2_12 profile offers a flat design, optimal heat dissipation, and protection for the LED light line, while remaining lightweight and stable. The EXO-NLN2_12 profile is available in various lengths and colors.









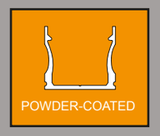
612000115214 ALUMINUM (2m)
613000115214 ALUMINUM (3m)

2m = 40 pcs/ctn



632000115214 BLACK RAL9005 (2m)

2m = 40 pcs/ctn



622000115214 WHITE RAL9016 (2m)

2m = 40 pcs/ctn

The light emission shown in the sketches does not correspond to the actual photometric measurement results. These are symbolic illustrations.

Material Specification

The NLN2_12 LED profile is available in three high-quality finishes to suit various design needs:

- Anodized Aluminum
- Black RAL9005
- White RAL9016

The Anodized Aluminum finish offers a durable 15-micron layer, providing excellent protection against wear and corrosion. For the Black and White options, a robust 25-micron powder coating is applied, ensuring a sleek, long-lasting finish. Additionally, for applications requiring extra durability and moisture resistance, PUR Casting is available on request, making this profile versatile and adaptable to different environments We care about enviromental sustainabillity. For this reason, recycled aluminum is used to produce our products.

Our covers are made of polycarbonate with UL94 V-2 flammability classification: Extinguishing of a vertically clamped sample within 30 seconds

Material Compostition of 6063-T5 Aluminum

Aluminum anodized = 15 micron
Aluminum powder-coated = 25 micron
Not chlorine/saltwater resistant

Magnesium	Minimum 0.45%, Maximum 0.9%
Silicon	Minimum 0.2%, Maximum 0.6%
Manganese	No minimum, Maximum 0.10%
Iron	No minimum, Maximum 0.35%
Copper	No minimum, Maximum 0.10%
Chromium	No minimum, Maximum 0.10%

Powder coating in all RAL colours possible on request, subject to a corresponding minimum quantity! This material can be drilled and sawn using suitable machines and the appropriate speed.

Suitable Covers

2m

3m

PC31_14 COVER FLAT F. LED ALU-PROFILES
EXO-NLN1/NLN1F/NLN2/NLN2F | POLYCARBONAT

Cover conceals the edges of the aluminium profile in the front view

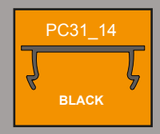
Covers are matching with the following profile types:

EXO-NLN1_14 EXO-NLN2_14
EXO-NLN1F_14 EXO-NLN2F_14



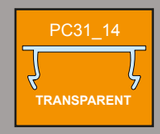
65% light transmission

412001020011 (2m) = 200 pcs/ctn
413001020011 (3m) = 200 pcs/ctn



55% light transmission

432001020012 (2m) = 200 pcs/ctn



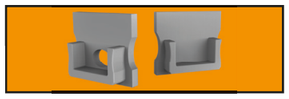
85% light transmission

442001020013 (2m) = 200 pcs/ctn

10m rolled in PE-bag | 80m on roll in carton (cover dispenser – easy pull and cut)

Endcaps

Type: with hole | without hole
Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)



■	CAP-NLN2 Endcap | with hole | alu-silver	510002115214
■	CAP-NLN2 Endcap | without hole | alu-silver	510001115214



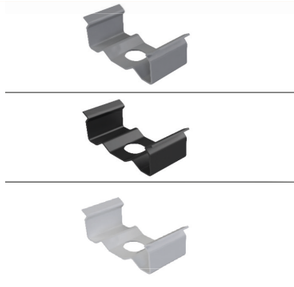
□	CAP-NLN2 Endcap | with hole | white	520002115214
□	CAP-NLN2 Endcap | without hole | white	520001115214



■	CAP-NLN2 Endcap | with hole | black	530002115214
■	CAP-NLN2 Endcap | without hole | black	530001115214

Mounting Clip

Finishes: aluminum-silver | white | black
Material: spring steel



■	SPS-NLN1F_14 silver SpringSteel	311000000011
■	SPS-NLN1F_14 black SpringSteel	331000000011
□	SPS-NLN1F_14 white SpringSteel	321000000011

Enclosed Endcaps

Opening: left | right | downside
Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)



■	END-NLN2 Endcap | opening left | alu-silver	510004115214
□	END-NLN2 Endcap | opening left | white	520004115214
■	END-NLN2 Endcap | opening left | black	530004115214



■	END-NLN2 Endcap | opening right | alu-silver	510005115214
□	END-NLN2 Endcap | opening right | white	520005115214
■	END-NLN2 Endcap | opening right | black	530005115214



■	END-NLN2 Endcap | opening downside | alu-silver	510006115214
□	END-NLN2 Endcap | opening downside | white	520006115214
■	END-NLN2 Endcap | opening downside | black	530006115214

Magnetic Mounts

Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)

■	MAG-NLN2 Magnetic Mount | alu-silver	520007115214
□	MAG-NLN2 Magnetic Mount | white	530007115214
■	MAG-NLN2 Magnetic Mount | black	510007115214



FENIX PROFILES
ARDET NEC CONSUMITUR

EXO-NLN2F_12

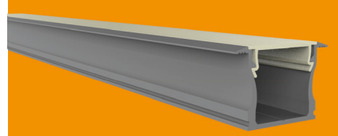
LED ALU RECESSED PROFILE

LED STRIP MAX. 12 MM

NARROW + WINGS **IP 20**

2Y WARRANTY

5Y UV-RESISTANCE



Covers < 3 m

+ Flat cover design
+ Mounting clips available
+ Cover flush with the profile
+ Cover conceals the edges of the aluminum profile from the front view (aluminum invisible)

EXO-NLN2F_12 LED ALU RECESSED PROFILE LED MAX.12MM | NARROW + WINGS

Matching polycarbonate covers, PETG end caps with and without cable openings and spring steel mounting clips can be found on the following pages.

+ Very lightweight with excellent stability
+ Perfect heat dissipation
+ Smooth feel without unnecessary cooling fins
+ Optimal protection of the LED light strip from dust and mechanical impacts

Mounting variations



Profile ALU ANODIZED
+
Cover TRANSPARENT (TL85%*)

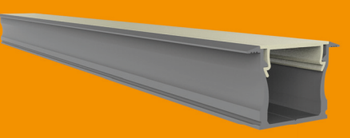


Profile WHITE RAL 9016
+
Cover OPAL SATIN (TL65%*)



Profile BLACK RAL 9005
+
Cover BLACK (TL55%*)
+
SPS-NLN2F_12 BLACK SpringSteel

Cover colours can be combined to match the different coloured profiles depending on the project requirements. Please take the light transmission into account. *TL = translucency. Please note that we can only supply packaging units. This means that the minimum order quantity corresponds to one packaging unit. Sample orders are excluded. We also offer you a sample box with hand samples. Please contact us.



EXO-NLN2F_12

LED ALU RECESSED PROFILE

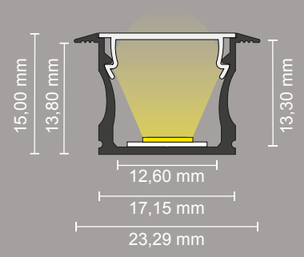
LED STRIP MAX. 12MM

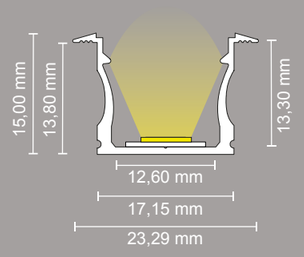
ULTRAFLAT + WINGS

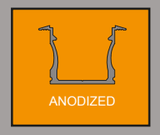
2m

The EXO-NLN2F_12 profile offers a flat design, optimal heat dissipation, and protection for the LED light line, while remaining lightweight and stable. The EXO-NLN2F_12 profile is available in various lengths and colors.









612000215214 ALUMINUM (2m)

2m = 30 pcs/ctn



632000215214 BLACK RAL9005 (2m)

2m = 30 pcs/ctn



622000215214 WHITE RAL9016 (2m)

2m = 30 pcs/ctn

The light emission shown in the sketches does not correspond to the actual photometric measurement results. These are symbolic illustrations.

Material Specification

The NLN2F_12 LED profile is available in three high-quality finishes to suit various design needs:

- Anodized Aluminum
- Black RAL9005
- White RAL9016

The Anodized Aluminum finish offers a durable 15-micron layer, providing excellent protection against wear and corrosion. For the Black and White options, a robust 25-micron powder coating is applied, ensuring a sleek, long-lasting finish. Additionally, for applications requiring extra durability and moisture resistance, PUR Casting is available on request, making this profile versatile and adaptable to different environments We care about enviromental sustainabillity. For this reason, recycled aluminum is used to produce our products.

Our covers are made of polycarbonate with UL94 V-2 flammability classification: Extinguishing of a vertically clamped sample within 30 seconds

Material Compostition of 6063-T5 Aluminum

Aluminum anodized = 15 micron
Aluminum powder-coated = 25 micron
Not chlorine/saltwater resistant

Magnesium	Minimum 0.45%, Maximum 0.9%
Silicon	Minimum 0.2%, Maximum 0.6%
Manganese	No minimum, Maximum 0.10%
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Copper	No minimum, Maximum 0.10%
Chromium	No minimum, Maximum 0.10%

Powder coating in all RAL colours possible on request, subject to a corresponding minimum quantity! This material can be drilled and sawn using suitable machines and the appropriate speed.

Suitable Covers

2m
3m

PC31_14 COVER FLAT F. LED ALU-PROFILES
EXO-NLN1/NLN1F/NLN2/NLN2F | POLYCARBONAT

Cover conceals the edges of the aluminium profile in the front view

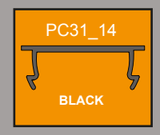
Covers are matching with the following profile types:

EXO-NLN1_14 EXO-NLN2_14
EXO-NLN1F_14 EXO-NLN2F_14



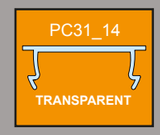
65% light transmission

412001020011 (2m) = 200 pcs/ctn
413001020011 (3m) = 200 pcs/ctn



55% light transmission

432001020012 (2m) = 200 pcs/ctn



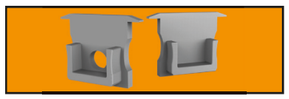
85% light transmission

442001020013 (2m) = 200 pcs/ctn

10m rolled in PE-bag | 80m on roll in carton (cover dispenser – easy pull and cut)

Endcaps

Type: with hole | without hole
Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)



■	CAP-NLN2F Endcap | with hole | alu-silver	510002215214
■	CAP-NLN2F Endcap | without hole | alu-silver	510001215214



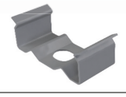
□	CAP-NLN2F Endcap | with hole | white	520002215214
□	CAP-NLN2F Endcap | without hole | white	520001215214



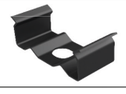
■	CAP-NLN2F Endcap | with hole | black	530002215214
■	CAP-NLN2F Endcap | without hole | black	530001215214

Mounting Clip

Finishes: aluminum-silver | white | black
Material: spring steel



■	SPS-NLN1F_14 silver SpringSteel	311000000011



■	SPS-NLN1F_14 black SpringSteel	331000000011



□	SPS-NLN1F_14 white SpringSteel	321000000011

Key Advantages of the
EXO-NLN2F_12 LED Profile

LED RECESSED PROFILE

- ALUMINUM SILVER ANODIZED
- BLACK RAL9005 POWDER-COATED
- WHITE RAL9016 POWDER-COATED

High-Quality Covers in Various Translucencies for Perfect Light Distribution

Our polycarbonate covers are available in different colors and light translucencies. These covers provide even light distribution, ensuring your LED strips emit light uniformly without visible transitions. The milky cover creates a diffused light that is ideal for applications where uniform, soft lighting is desired. Our covers are available in lengths up to 100 m on a roll, making them the perfect choice for seamless installations.

Comprehensive Accessories for Professional Installation

We offer matching accessories such as PETG end caps and spring steel mounting clips. These components provide additional protection for your installations and allow for easy and secure mounting of the profile. The accessories are specifically designed to help you achieve professional and aesthetically pleasing results.



EXO-NLN2_12 – Ideal Choice for Those with the Highest Demands on LED Lighting Projects

What Are Recessed LED Profiles?

Recessed LED profiles are aluminum channels specifically designed to house LED strips within surfaces such as walls, ceilings, and furniture. By embedding the profiles into the structure, they create a seamless lighting effect with no visible fixtures. This clean, minimalist approach enhances the overall design while ensuring efficient heat dissipation for long-lasting LED performance.

Why Choose Fenix Solutions?

At Fenix Solutions, we combine expertise and innovation to deliver recessed LED profiles that meet the highest standards of design and functionality. Our profiles are trusted by architects, designers, and contractors for their precision-engineered performance and aesthetic versatility.

With a wide range of recessed profiles, accessories, and custom options, we provide solutions for projects of any scale. From creating soft, ambient lighting in residential spaces to bold, statement lighting in commercial settings, Fenix Solutions is your partner for premium LED profiles.



FENIX PROFILES
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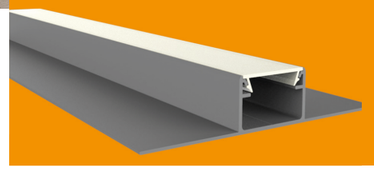
EXO-T3_16

LED ALU DRYWALL PROFILE

LED STRIP MAX. 16 MM

FLAT **IP 20**



Covers < 80m
Cover Dispenser

2Y WARRANTY **5Y UV-RESISTANCE**

EXO-T3_16 LED ALU DRYWALL PROFILE LED MAX.16MM | FLAT

Matching polycarbonate covers and PETG end caps with and without cable openings can be found on the following pages.

+ Paracularly flat profile design with side wings
+ Light emits forward – DIRECT LIGHTING
+ Powder-coated aluminum profiles can be painted
+ Designed as a center profile for drywall and installaaon with gypsum boards

+ Very lightweight with excellent stability
+ The side wings are clamped and/or glued/spackled under the panels
+ Smooth feel without unnecessary cooling fins
+ Direct light output (from front view); cover flushes with aluminum profile

Mounting variations

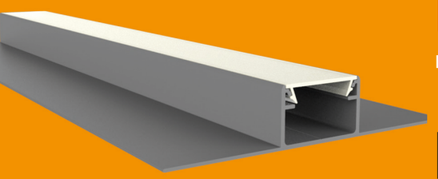


Profile ALU ANODIZED
+
Cover TRANSPARENT (TL85%*)



Profile ALU ANODIZED
+
Cover BLACK (TL55%*)

Cover colours can be combined to match the different coloured profiles depending on the project requirements. Please take the light transmission into account. *TL = translucency. Please note that we can only supply packaging units. This means that the minimum order quantity corresponds to one packaging unit. Sample orders are excluded. We also offer you a sample box with hand samples. Please contact us.



EXO-T3_16

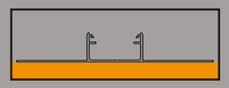
LED ALU DRYWALL PROFILE

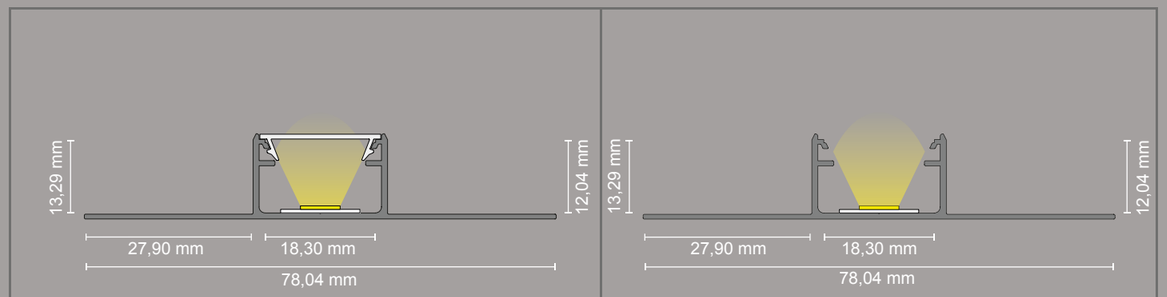
LED STRIP MAX. 16 MM

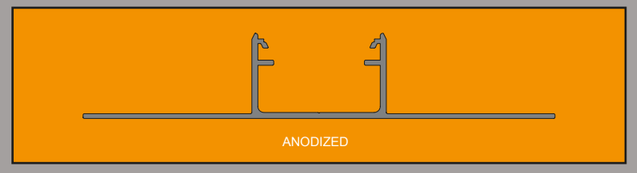
FLAT

2m

The EXO-T3_16 profile offers a flat design, optimal heat dissipation, and protection for the LED light line, while remaining lightweight and stable. The EXO-T3_16 profile is available in various lengths and colors.







612000678013 ALU ANODIZED

2m = 16 pcs/ctn

The light emission shown in the sketches does not correspond to the actual photometric measurement results. These are symbolic illustrations.

Material Specification

The T3_16 LED profile is available in three high-quality finishes to suit various design needs:

- Anodized Aluminum
- Black RAL9005
- White RAL9016

The Anodized Aluminum finish offers a durable 15-micron layer, providing excellent protection against wear and corrosion. For the Black and White options, a robust 25-micron powder coating is applied, ensuring a sleek, long-lasting finish. Additionally, for applications requiring extra durability and moisture resistance, PUR Casting is available on request, making this profile versatile and adaptable to different environments We care about enviromental sustainabillity. For this reason, recycled aluminum is used to produce our products.

Our covers are made of polycarbonate with UL94 V-2 flammability classification: Extinguishing of a vertically clamped sample within 30 seconds

Material Compostition of 6063-T5 Aluminum

Aluminum anodized = 15 micron
Aluminum powder-coated = 25 micron
Not chlorine/saltwater resistant

Magnesium	Minimum 0.45%, Maximum 0.9%
Silicon	Minimum 0.2%, Maximum 0.6%
Manganese	No minimum, Maximum 0.10%
Iron	No minimum, Maximum 0.35%
Copper	No minimum, Maximum 0.10%
Chromium	No minimum, Maximum 0.10%

Powder coating in all RAL colours possible on request, subject to a corresponding minimum quantity! This material can be drilled and sawn using suitable machines and the appropriate speed.

Suitable Covers

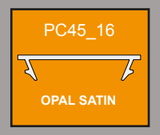
PC45_16 COVER FLAT F. LED ALU-PROFILES
EXO-F1/F1H/F2/N1/N2/T3/T3H/T5/T7/V2 | POLYCARBONAT

Cover conceals the edges of the aluminium profile in the front view

2m
3m
10m
80m

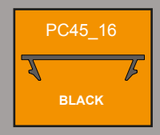
Covers are matching with the following profile types:

EXO-F1_16 | EXO-F2_15 | EXO-N2_16 | EXO-T3H_16 | EXO-V2_14
EXO-F1H_16 | EXO-N1_16 | EXO-T3_16 | EXO-T5_16 | EXO-T7_16



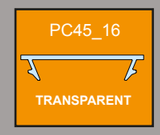
65% light transmission

412001020000 (2m) = 200 pcs/ctn
413001020000 (3m) = 200 pcs/ctn
411000200000 (10m) = 40 pcs/ctn
418000200000 (80m) = 1 pcs/ctn



55% light transmission

432001020000 (2m) = 200 pcs/ctn
433001020000 (3m) = 200 pcs/ctn
431000200000 (10m) = 40 pcs/ctn
431000200000 (80m) = 1 pcs/ctn



85% light transmission

442001020000 (2m) = 200 pcs/ctn

10m rolled in PE-bag | 80m on roll in carton (cover dispenser – easy pull and cut)

Endcaps

Type: with hole | without hole
Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)



CAP-T3/T3H Endcap | with hole | alu-silver	511002034051
CAP-T3/T3H Endcap | without hole | alu-silver	511001034051

LED Drywall Lighting for Elegant Illumination

The T3 LED drywall profile is designed to seamlessly integrate with your interior spaces, providing perfect illumination for passageways at home, in the office, or in public buildings.
This innovative lighting solution not only ensures safe and well-lit walkways but also highlights the beauty of your wall and floor tile arrangements. By emphasizing the natural textures and patterns of the tiles, the T3 profile elevates the overall aesthetic, adding a sleek, modern touch to any setting.
Our LED profiles for tiles are available in two variants: recessed profiles and under-tile installation. The recessed profile fits directly into the drywall layout, offering a minimalist, flush finish, while the under-drywall option is ideal for accentuating the edges of your drywall surfaces. Both options are engineered for durability and ease of installation,



Choose the T3 LED drywall profile for a blend of functionality and style, transforming your interiors with refined lighting that comments any space.

Key Advantages of the
EXO-T3_16 LED Profile

LED DRYWALL PROFILE

ALUMINUM SILVER
ANODIZED

Applications of Drywall LED Profiles

Drywall profiles are highly versatile, making them suitable for a variety of applications:

- **Residential Spaces**: Create ambient lighting in living rooms, kitchens, or bedrooms with soft, hidden light lines.
- **Commercial Projects**: Add striking, professional-grade lighting to office spaces, retail stores, and restaurants.
- **Architectural Designs**: Highlight design features such as niches, coves, or layered ceilings with clean, recessed lighting.
- **Hallways and Staircases**: Improve safety and aesthetics with embedded lighting along walls or steps.

Drywall profiles are particularly popular for creating hidden lighting effects, where the light source remains concealed, leaving only a smooth glow.

Comprehensive Accessories for Professional Installation

We offer matching accessories such as PETG end caps and spring steel mounting clips. These components provide additional protection for your installations and allow for easy and secure mounting of the profile. The accessories are specifically designed to help you achieve professional and aesthetically pleasing results.



EXO-T3_16 – The Ideal Choice for Those with
the Highest Demands on LED Lighting Projects

What Are Drywall LED Profiles?

Drywall profiles are recessed LED channels specifically designed to fit within plasterboard or drywall surfaces. They allow LED strips to sit flush with the wall or ceiling, creating smooth, uninterrupted lighting effects. Constructed from durable aluminum, these profiles ensure optimal heat dissipation to prolong LED strip lifespan and maintain consistent performance. Whether for ambient lighting, accent lighting, or task lighting, drywall profiles offer the flexibility and precision required to achieve a polished, modern design.

Why Choose Fenix Solutions?

At Fenix Solutions, we specialize in drywall LED profiles that elevate interiors with sleek, integrated lighting. Our profiles are crafted using recycled aluminum, ensuring a sustainable approach to modern design. Whether you're designing a contemporary home, a stylish office, or an architectural masterpiece, our drywall profiles deliver the perfect balance of durability, performance, and aesthetics.

Explore our catalogue to find the right drywall LED profiles for your next project and transform walls and ceilings into illuminated features that stand out.



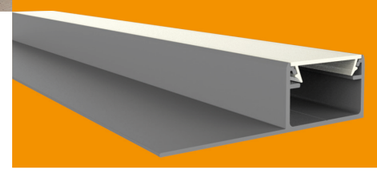
FENIX PROFILES
ARDET NEC CONSUMITUR

EXO-T3H_16

LED ALU DRYWALL PROFILE

LED STRIP MAX. 16 MM

FLAT + DIRECT **IP 20**



2Y WARRANTY **5Y UV-RESISTANCE**

EXO-T3H_16 LED ALU DRYWALL PROFILE
LED MAX.16MM | FLAT + DIRECT

Matching polycarbonate covers and PETG end caps with and without cable openings can be found on the following pages.

+ Paracularly flat profile design with side wings
+ Light emits forward – DIRECT LIGHTING
+ Designed as a center profile for drywall installation
+ The side wings are clamped and/or glued/spackled under the drywall panels

+ Very lightweight with excellent stability
+ Perfect heat dissipation
+ Smooth feel without unnecessary cooling fins
+ Optimal protection of the LED light strip from dust and mechanical impacts

Mounting variations

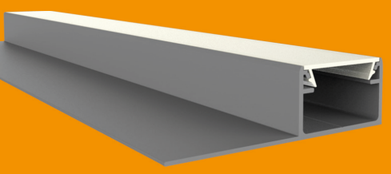


Profile ALU ANODIZED
+
Cover TRANSPARENT (TL85%*)



Profile ALU ANODIZED
+
Cover BLACK (TL55%*)

Cover colours can be combined to match the different coloured profiles depending on the project requirements. Please take the light transmission into account. *TL = translucency. Please note that we can only supply packaging units. This means that the minimum order quantity corresponds to one packaging unit. Sample orders are excluded. We also offer you a sample box with hand samples. Please contact us.



EXO-T3H_16

LED ALU DRYWALL PROFILE

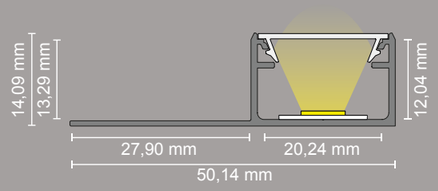
LED STRIP MAX. 16 MM

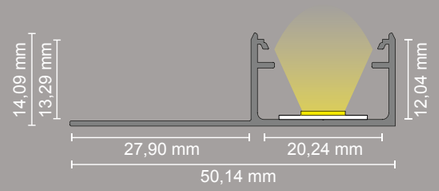
FLAT + DIRECT

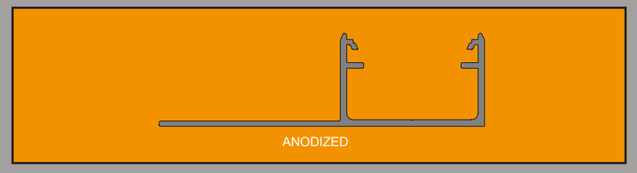
2m

The EXO-T3H_16 profile offers a flat design, optimal heat dissipation, and protection for the LED light line, while remaining lightweight and stable. The EXO-T3H_16 profile is available in various lengths and colors.









612000650113 ALU ANODIZED

2m = 20 pcs/ctn

The light emission shown in the sketches does not correspond to the actual photometric measurement results. These are symbolic illustrations.

Material Specification

The T3H_16 LED profile is available in three high-quality finishes to suit various design needs:

- Anodized Aluminum
- Black RAL9005
- White RAL9016

The Anodized Aluminum finish offers a durable 15-micron layer, providing excellent protection against wear and corrosion. For the Black and White options, a robust 25-micron powder coating is applied, ensuring a sleek, long-lasting finish. Additionally, for applications requiring extra durability and moisture resistance, PUR Casting is available on request, making this profile versatile and adaptable to different environments We care about enviromental sustainabillity. For this reason, recycled aluminum is used to produce our products.

Our covers are made of polycarbonate with UL94 V-2 flammability classification: Extinguishing of a vertically clamped sample within 30 seconds

Material Compostition of 6063-T5 Aluminum

Aluminum anodized = 15 micron
Aluminum powder-coated = 25 micron
Not chlorine/saltwater resistant

Magnesium	Minimum 0.45%, Maximum 0.9%
Silicon	Minimum 0.2%, Maximum 0.6%
Manganese	No minimum, Maximum 0.10%
Iron	No minimum, Maximum 0.35%
Copper	No minimum, Maximum 0.10%
Chromium	No minimum, Maximum 0.10%

Powder coating in all RAL colours possible on request, subject to a corresponding minimum quantity! This material can be drilled and sawn using suitable machines and the appropriate speed.

Suitable Covers

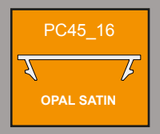
PC45_16 COVER FLAT F. LED ALU-PROFILES
EXO-F1/F1H/F2/N1/N2/T3/T3H/T5/T7/V2 | POLYCARBONAT

Cover conceals the edges of the aluminium profile in the front view

2m
3m
10m
80m

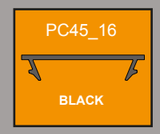
Covers are matching with the following profile types:

EXO-F1_16 | EXO-F2_15 | EXO-N2_16 | EXO-T3H_16 | EXO-V2_14
EXO-F1H_16 | EXO-N1_16 | EXO-T3_16 | EXO-T5_16 | EXO-T7_16



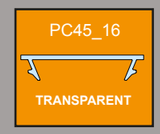
65% light transmission

412001020000 (2m) = 200 pcs/ctn
413001020000 (3m) = 200 pcs/ctn
411000200000 (10m) = 40 pcs/ctn
418000200000 (80m) = 1 pcs/ctn



55% light transmission

432001020000 (2m) = 200 pcs/ctn
433001020000 (3m) = 200 pcs/ctn
431000200000 (10m) = 40 pcs/ctn
431000200000 (80m) = 1 pcs/ctn



85% light transmission

442001020000 (2m) = 200 pcs/ctn

10m rolled in PE-bag | 80m on roll in carton (cover dispenser – easy pull and cut)

Endcaps

Type: with hole | without hole
Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)



PETG-T3H_16 aluminum-silver with hole	511002034051
PETG-T3H_16 aluminum-silver without hole	511001034051

LED Drywall Lighting for Elegant Illumination

The T3H LED drywall profile is designed to seamlessly integrate with your interior spaces, providing perfect illumination for passageways at home, in the office, or in public buildings.
This innovative lighting solution not only ensures safe and well-lit walkways but also highlights the beauty of your wall and floor tile arrangements. By emphasizing the natural textures and patterns of the tiles, the T3H profile elevates the overall aesthetic, adding a sleek, modern touch to any setting.
Our LED profiles for tiles are available in two variants: recessed profiles and under-drywall installation. The recessed profile fits directly into the drywall layout, offering a minimalist, flush finish, while the under-drywall option is ideal for accentuating the edges of your drywall surfaces. Both options are engineered for durability and ease of installation,



Choose the T3H LED drywall profile for a blend of functionality and style, transforming your interiors with refined lighting that comments any space.

Key Advantages of the
EXO-T3H_16 LED Profile

LED DRYWALL PROFILE

ALUMINUM SILVER
ANODIZED

Applications of Drywall LED Profiles

Drywall profiles are highly versatile, making them suitable for a variety of applications:

- **Residential Spaces**: Create ambient lighting in living rooms, kitchens, or bedrooms with soft, hidden light lines.
- **Commercial Projects**: Add striking, professional-grade lighting to office spaces, retail stores, and restaurants.
- **Architectural Designs**: Highlight design features such as niches, coves, or layered ceilings with clean, recessed lighting.
- **Hallways and Staircases**: Improve safety and aesthetics with embedded lighting along walls or steps.

Drywall profiles are particularly popular for creating hidden lighting effects, where the light source remains concealed, leaving only a smooth glow.

Comprehensive Accessories for Professional Installation

We offer matching accessories such as PETG end caps and spring steel mounting clips. These components provide additional protection for your installations and allow for easy and secure mounting of the profile. The accessories are specifically designed to help you achieve professional and aesthetically pleasing results.



EXO-T3H_16 – The Ideal Choice for Those with
the Highest Demands on LED Lighting Projects

What Are Drywall LED Profiles?

Drywall profiles are recessed LED channels specifically designed to fit within plasterboard or drywall surfaces. They allow LED strips to sit flush with the wall or ceiling, creating smooth, uninterrupted lighting effects. Constructed from durable aluminum, these profiles ensure optimal heat dissipation to prolong LED strip lifespan and maintain consistent performance. Whether for ambient lighting, accent lighting, or task lighting, drywall profiles offer the flexibility and precision required to achieve a polished, modern design.

Why Choose Fenix Solutions?

At Fenix Solutions, we specialize in drywall LED profiles that elevate interiors with sleek, integrated lighting. Our profiles are crafted using recycled aluminum, ensuring a sustainable approach to modern design. Whether you're designing a contemporary home, a stylish office, or an architectural masterpiece, our drywall profiles deliver the perfect balance of durability, performance, and aesthetics.

Explore our catalogue to find the right drywall LED profiles for your next project and transform walls and ceilings into illuminated features that stand out.



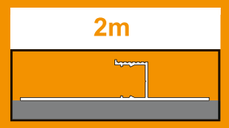
FENIX PROFILES
ARDET NEC CONSUMITUR

EXO-T4_11

LED ALU DRYWALL PROFILE

LED STRIP MAX. 11 MM

WALLWASHER **IP 20**





2Y WARRANTY **5Y UV-RESISTANCE**

EXO-T4_11 LED ALU DRYWALL PROFILE
LED MAX.11MM | WALLWASHER

Matching polycarbonate covers and PETG end caps with and without cable openings can be found on the following pages.

+ Paracularly flat profile design with side wings
+ Mounting clips available
+ Ultraflat profile design
+ Indirect lighang – the generated light floods the wall and/or ceiling and/or floor – wall washer

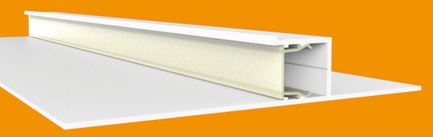
+ Very lightweight with excellent stability
+ Perfect heat dissipation
+ Powder-coated aluminum profiles can be painted
+ The side wings are clamped and/or glued/spackled under the drywall panels

Mounting variations



Profile ALU WHITE RAL9016
+
Cover OPAL SATIN (TL65%*)

Cover colours can be combined to match the different coloured profiles depending on the project requirements. Please take the light transmission into account. *TL = translucency. Please note that we can only supply packaging units. This means that the minimum order quantity corresponds to one packaging unit. Sample orders are excluded. We also offer you a sample box with hand samples. Please contact us.



EXO-T4_11

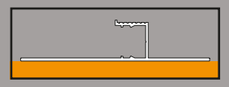
LED ALU DRYWALL PROFILE

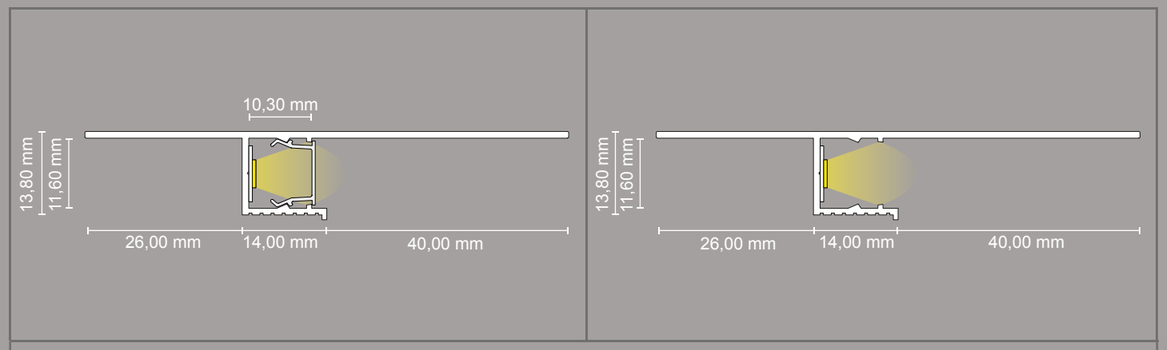
LED STRIP MAX. 11 MM

WALLWASHER

2m

The EXO-T4_11 profile offers a flat design, optimal heat dissipation, and protection for the LED light line, while remaining lightweight and stable. The EXO-T4_11 profile is available in various lengths and colors.







622000611614 ALU WHITE RAL9016

2m = 26 pcs/ctn

The light emission shown in the sketches does not correspond to the actual photometric measurement results. These are symbolic illustrations.

Material Specification

The T4_11 LED profile is available in three high-quality finishes to suit various design needs:

- Anodized Aluminum
- Black RAL9005
- White RAL9016

The Anodized Aluminum finish offers a durable 15-micron layer, providing excellent protection against wear and corrosion. For the Black and White options, a robust 25-micron powder coating is applied, ensuring a sleek, long-lasting finish. Additionally, for applications requiring extra durability and moisture resistance, PUR Casting is available on request, making this profile versatile and adaptable to different environments We care about enviromental sustainabillity. For this reason, recycled aluminum is used to produce our products.

Our covers are made of polycarbonate with UL94 V-2 flammability classification: Extinguishing of a vertically clamped sample within 30 seconds

Material Compostition of 6063-T5 Aluminum

Aluminum anodized = 15 micron
Aluminum powder-coated = 25 micron
Not chlorine/saltwater resistant

Magnesium	Minimum 0.45%, Maximum 0.9%
Silicon	Minimum 0.2%, Maximum 0.6%
Manganese	No minimum, Maximum 0.10%
Iron	No minimum, Maximum 0.35%
Copper	No minimum, Maximum 0.10%
Chromium	No minimum, Maximum 0.10%

Powder coating in all RAL colours possible on request, subject to a corresponding minimum quantity! This material can be drilled and sawn using suitable machines and the appropriate speed.

Suitable Covers

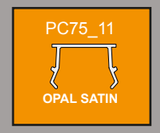
2m

PC75_11 COVER FLAT F. LED ALU-PROFILES
EXO-T4 | POLYCARBONAT

Cover conceals the edges of the aluminium profile in the front view

Covers are matching with the following profile types:

EXO-T4_11



65% light transmission

412001003500 (2m) = 250 pcs/ctn

10m rolled in PE-bag | 80m on roll in carton (cover dispenser – easy pull and cut)

Endcaps

Type: with hole | without hole
Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)



☐	CAP-T4 Endcap | with hole | right | alu-silver	521002034053
☐	CAP-T4 Endcap | without hole | right | alu-silver	521001034053
☐	CAP-T4 Endcap | with hole | left | white	511002034053
☐	CAP-T4 Endcap | without hole | left | white	521001034053

LED Drywall Lighting for Elegant Illumination

The T4 LED drywall profile is designed to seamlessly integrate with your interior spaces, providing perfect illumination for passageways at home, in the office, or in public buildings.
This innovative lighting solution not only ensures safe and well-lit walkways but also highlights the beauty of your wall and floor tile arrangements. By emphasizing the natural textures and patterns of the tiles, the T4 profile elevates the overall aesthetic, adding a sleek, modern touch to any setting.
Our LED profiles for tiles are available in two variants: recessed profiles and under-drywall installation. The recessed profile fits directly into the drywall layout, offering a minimalist, flush finish, while the under-drywall option is ideal for accentuating the edges of your drywall surfaces. Both options are engineered for durability and ease of installation,



Choose the T4 LED drywall profile for a blend of functionality and style, transforming your interiors with refined lighting that comments any space.

Key Advantages of the
EXO-T4_11 LED Profile

LED DRYWALL PROFILE

ALUMINUM SILVER
ANODIZED

Applications of Drywall LED Profiles

Drywall profiles are highly versatile, making them suitable for a variety of applications:

- **Residential Spaces**: Create ambient lighting in living rooms, kitchens, or bedrooms with soft, hidden light lines.
- **Commercial Projects**: Add striking, professional-grade lighting to office spaces, retail stores, and restaurants.
- **Architectural Designs**: Highlight design features such as niches, coves, or layered ceilings with clean, recessed lighting.
- **Hallways and Staircases**: Improve safety and aesthetics with embedded lighting along walls or steps.

Drywall profiles are particularly popular for creating hidden lighting effects, where the light source remains concealed, leaving only a smooth glow.

Comprehensive Accessories for Professional Installation

We offer matching accessories such as PETG end caps and spring steel mounting clips. These components provide additional protection for your installations and allow for easy and secure mounting of the profile. The accessories are specifically designed to help you achieve professional and aesthetically pleasing results.



EXO-T4_11 – The Ideal Choice for Those with
the Highest Demands on LED Lighting Projects

What Are Drywall LED Profiles?

Drywall profiles are recessed LED channels specifically designed to fit within plasterboard or drywall surfaces. They allow LED strips to sit flush with the wall or ceiling, creating smooth, uninterrupted lighting effects. Constructed from durable aluminum, these profiles ensure optimal heat dissipation to prolong LED strip lifespan and maintain consistent performance. Whether for ambient lighting, accent lighting, or task lighting, drywall profiles offer the flexibility and precision required to achieve a polished, modern design.

Why Choose Fenix Solutions?

At Fenix Solutions, we specialize in drywall LED profiles that elevate interiors with sleek, integrated lighting. Our profiles are crafted using recycled aluminum, ensuring a sustainable approach to modern design. Whether you're designing a contemporary home, a stylish office, or an architectural masterpiece, our drywall profiles deliver the perfect balance of durability, performance, and aesthetics.

Explore our catalogue to find the right drywall LED profiles for your next project and transform walls and ceilings into illuminated features that stand out.



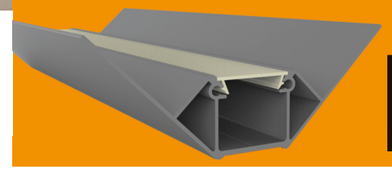
FENIX PROFILES
ARDET NEC CONSUMITUR

EXO-T5_16

LED ALU DRYWALL PROFILE

LED STRIP MAX. 16 MM

NARROW **IP 20**



Covers < 80m
Cover Dispenser

2Y WARRANTY

5Y UV-RESISTANCE

+ Designed for drywall and installation
+ Direct light output (from front view)
+ Cover flushes with aluminum profile
+ The side wings are clamped and/or glued/spackled under the drywall panels

EXO-T5_16 LED ALU DRYWALL PROFILE
LED MAX.16MM | NARROW

Matching polycarbonate covers, PETG end caps with and without cable openings and spring steel mounting clips can be found on the following pages.

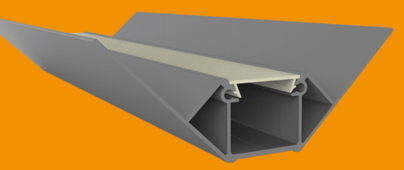
+ Very lightweight with excellent stability
+ Perfect heat dissipation
+ Smooth feel without unnecessary cooling fins
+ Optimal protection of the LED light strip from dust and mechanical impacts

Mounting variations



Profile ALU ANODIZED
+
Cover OPAL SATIN (TL65%*)

Cover colours can be combined to match the different coloured profiles depending on the project requirements. Please take the light transmission into account. *TL = translucency. Please note that we can only supply packaging units. This means that the minimum order quantity corresponds to one packaging unit. Sample orders are excluded. We also offer you a sample box with hand samples. Please contact us.



EXO-T5_16

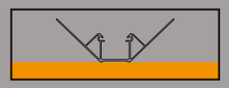
LED ALU DRYWALL PROFILE

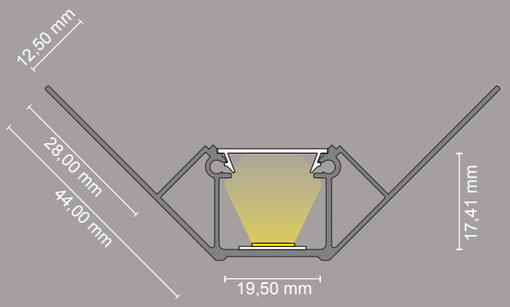
LED STRIP MAX. 16 MM

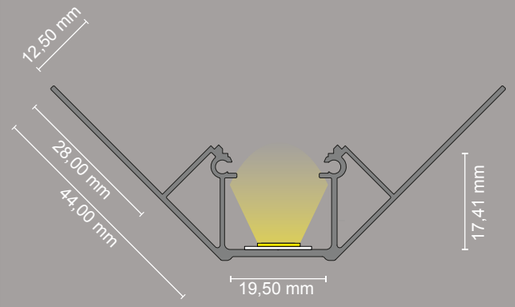
NARROW

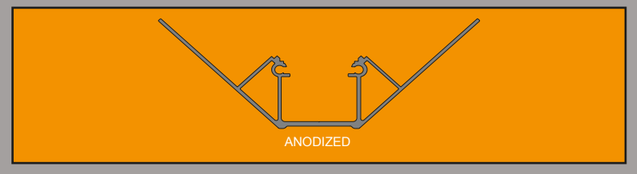
2m

The EXO-T5_16 profile offers a flat design, optimal heat dissipation, and protection for the LED light line, while remaining lightweight and stable. The EXO-T5_16 profile is available in various lengths and colors.









612000619518 ALU ANODIZED

2m = 12 pcs/ctn

The light emission shown in the sketches does not correspond to the actual photometric measurement results. These are symbolic illustrations.

Material Specification

The T5_16 LED profile is available in three high-quality finishes to suit various design needs:

- Anodized Aluminum
- Black RAL9005
- White RAL9016

The Anodized Aluminum finish offers a durable 15-micron layer, providing excellent protection against wear and corrosion. For the Black and White options, a robust 25-micron powder coating is applied, ensuring a sleek, long-lasting finish. Additionally, for applications requiring extra durability and moisture resistance, PUR Casting is available on request, making this profile versatile and adaptable to different environments We care about enviromental sustainabillity. For this reason, recycled aluminum is used to produce our products.

Our covers are made of polycarbonate with UL94 V-2 flammability classification: Extinguishing of a vertically clamped sample within 30 seconds

Material Compostition of 6063-T5 Aluminum

Aluminum anodized = 15 micron
Aluminum powder-coated = 25 micron
Not chlorine/saltwater resistant

Magnesium	Minimum 0.45%, Maximum 0.9%
Silicon	Minimum 0.2%, Maximum 0.6%
Manganese	No minimum, Maximum 0.10%
Iron	No minimum, Maximum 0.35%
Copper	No minimum, Maximum 0.10%
Chromium	No minimum, Maximum 0.10%

Powder coating in all RAL colours possible on request, subject to a corresponding minimum quantity! This material can be drilled and sawn using suitable machines and the appropriate speed.

Suitable Covers

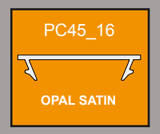
PC45_16 COVER FLAT F. LED ALU-PROFILES
EXO-F1/F1H/F2/N1/N2/T3/T3H/T5/T7/V2 | POLYCARBONAT

Cover conceals the edges of the aluminium profile in the front view

2m
3m
10m
80m

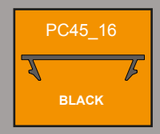
Covers are matching with the following profile types:

EXO-F1_16 | EXO-F2_15 | EXO-N2_16 | EXO-T3H_16 | EXO-V2_14
EXO-F1H_16 | EXO-N1_16 | EXO-T3_16 | EXO-T5_16 | EXO-T7_16



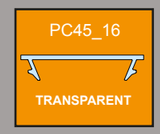
65% light transmission

412001020000 (2m) = 200 pcs/ctn
413001020000 (3m) = 200 pcs/ctn
411000200000 (10m) = 40 pcs/ctn
418000200000 (80m) = 1 pcs/ctn



55% light transmission

432001020000 (2m) = 200 pcs/ctn
433001020000 (3m) = 200 pcs/ctn
431000200000 (10m) = 40 pcs/ctn
431000200000 (80m) = 1 pcs/ctn



85% light transmission

442001020000 (2m) = 200 pcs/ctn

10m rolled in PE-bag | 80m on roll in carton (cover dispenser – easy pull and cut)

Endcaps

Type: with hole | without hole
Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)



CAP-T5 Endcap | with hole | alu-silver	511002034052
CAP-T5 Endcap | without hole | alu-silver	511001034052

LED Drywall Lighting for Elegant Illumination

The T5 LED drywall profile is designed to seamlessly integrate with your interior spaces, providing perfect illumination for passageways at home, in the office, or in public buildings.

This innovative lighting solution not only ensures safe and well-lit walkways but also highlights the beauty of your wall and floor drywall arrangements. By emphasizing the natural textures and patterns of the tiles, the T5 profile elevates the overall aesthetic, adding a sleek, modern touch to any setting.

Our LED profiles for drywalls are available in two variants: recessed profiles and under-drywall installation. The recessed profile fits directly into the draywall layout, offering a minimalist, flush finish, while the under-drywall option is ideal for accentuating the edges of your drywalled surfaces.



Choose the T5 LED drywall profile for a blend of functionality and style, transforming your interiors with refined lighting that comments any space.

Key Advantages of the
EXO-T5_16 LED Profile

LED DRYWALL PROFILE

ALUMINUM SILVER
ANODIZED

Applications of Drywall LED Profiles

Drywall profiles are highly versatile, making them suitable for a variety of applications:

- **Residential Spaces**: Create ambient lighting in living rooms, kitchens, or bedrooms with soft, hidden light lines.
- **Commercial Projects**: Add striking, professional-grade lighting to office spaces, retail stores, and restaurants.
- **Architectural Designs**: Highlight design features such as niches, coves, or layered ceilings with clean, recessed lighting.
- **Hallways and Staircases**: Improve safety and aesthetics with embedded lighting along walls or steps.

Drywall profiles are particularly popular for creating hidden lighting effects, where the light source remains concealed, leaving only a smooth glow.

Comprehensive Accessories for Professional Installation

We offer matching accessories such as PETG end caps and spring steel mounting clips. These components provide additional protection for your installations and allow for easy and secure mounting of the profile. The accessories are specifically designed to help you achieve professional and aesthetically pleasing results.



EXO-T5_16 – The Ideal Choice for Those with
the Highest Demands on LED Lighting Projects

What Are Drywall LED Profiles?

Drywall profiles are recessed LED channels specifically designed to fit within plasterboard or drywall surfaces. They allow LED strips to sit flush with the wall or ceiling, creating smooth, uninterrupted lighting effects. Constructed from durable aluminum, these profiles ensure optimal heat dissipation to prolong LED strip lifespan and maintain consistent performance. Whether for ambient lighting, accent lighting, or task lighting, drywall profiles offer the flexibility and precision required to achieve a polished, modern design.

Why Choose Fenix Solutions?

At Fenix Solutions, we specialize in drywall LED profiles that elevate interiors with sleek, integrated lighting. Our profiles are crafted using recycled aluminum, ensuring a sustainable approach to modern design. Whether you're designing a contemporary home, a stylish office, or an architectural masterpiece, our drywall profiles deliver the perfect balance of durability, performance, and aesthetics.

Explore our catalogue to find the right drywall LED profiles for your next project and transform walls and ceilings into illuminated features that stand out.



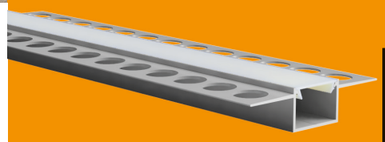
FENIX PROFILES
ARDET NEC CONSUMITUR

EXO-T7_16

LED ALU DRYWALL PROFILE

LED STRIP MAX. 16 MM

WINGS **IP 20**



Covers < 80m
Cover Dispenser

2Y WARRANTY

5Y UV-RESISTANCE

+ Designed for drywall and installation
+ Direct light output (from front view)
+ Cover flushes with aluminum profile
+ The side wings are clamped and/or glued/spackled under the drywall panels

EXO-T7_16 LED ALU DRYWALL PROFILE LED MAX.16MM | WINGS

Matching polycarbonate covers, PETG end caps with and without cable openings and spring steel mounting clips can be found on the following pages.

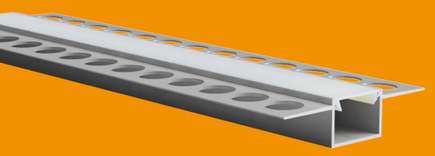
+ Very lightweight with excellent stability
+ Perfect heat dissipation
+ Smooth feel without unnecessary cooling fins
+ Optimal protection of the LED light strip from dust and mechanical impacts

Mounting variations



Profile ALU ANODIZED
+
Cover OPAL SATIN (TL65%*)

Cover colours can be combined to match the different coloured profiles depending on the project requirements. Please take the light transmission into account. *TL = translucency. Please note that we can only supply packaging units. This means that the minimum order quantity corresponds to one packaging unit. Sample orders are excluded. We also offer you a sample box with hand samples. Please contact us.



EXO-T7_16

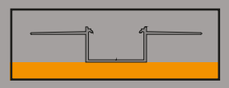
LED ALU DRYWALL PROFILE

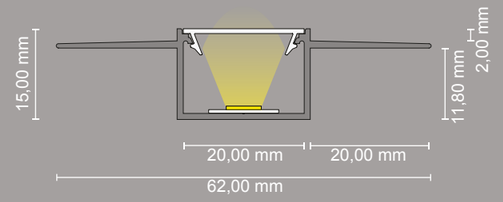
LED STRIP MAX. 16 MM

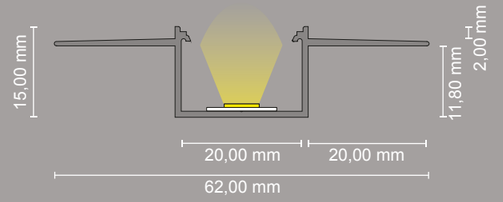
WINGS

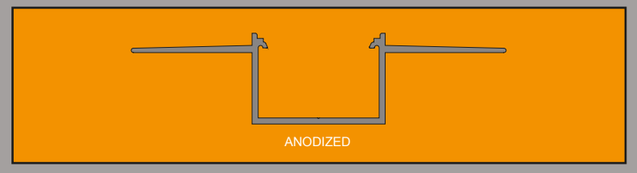
2m

The EXO-T7_16 profile offers a flat design, optimal heat dissipation, and protection for the LED light line, while remaining lightweight and stable. The EXO-T7_16 profile is available in various lengths and colors.









611001670016 ALU ANODIZED (1m)
612001670016 ALU ANODIZED (2m)

2m = 20 pcs/ctn

The light emission shown in the sketches does not correspond to the actual photometric measurement results. These are symbolic illustrations.

Material Specification

The T7_16 LED profile is available in three high-quality finishes to suit various design needs:

- Anodized Aluminum
- Black RAL9005
- White RAL9016

The Anodized Aluminum finish offers a durable 15-micron layer, providing excellent protection against wear and corrosion. For the Black and White options, a robust 25-micron powder coating is applied, ensuring a sleek, long-lasting finish. Additionally, for applications requiring extra durability and moisture resistance, PUR Casting is available on request, making this profile versatile and adaptable to different environments We care about enviromental sustainabillity. For this reason, recycled aluminum is used to produce our products.

Our covers are made of polycarbonate with UL94 V-2 flammability classification: Extinguishing of a vertically clamped sample within 30 seconds

Material Compostition of 6063-T5 Aluminum

Aluminum anodized = 15 micron
Aluminum powder-coated = 25 micron
Not chlorine/saltwater resistant

Magnesium	Minimum 0.45%, Maximum 0.9%
Silicon	Minimum 0.2%, Maximum 0.6%
Manganese	No minimum, Maximum 0.10%
Iron	No minimum, Maximum 0.35%
Copper	No minimum, Maximum 0.10%
Chromium	No minimum, Maximum 0.10%

Powder coating in all RAL colours possible on request, subject to a corresponding minimum quantity! This material can be drilled and sawn using suitable machines and the appropriate speed.

Suitable Covers

PC45_16 COVER FLAT F. LED ALU-PROFILES
EXO-F1/F1H/F2/N1/N2/T3/T3H/T5/T7/V2 | POLYCARBONAT

Cover conceals the edges of the aluminium profile in the front view

2m
3m
10m
80m

Covers are matching with the following profile types:

EXO-F1_16 | EXO-F2_15 | EXO-N2_16 | EXO-T3H_16 | EXO-V2_14
EXO-F1H_16 | EXO-N1_16 | EXO-T3_16 | EXO-T5_16 | EXO-T7_16

PC45_16 OPAL SATIN	PC45_16 BLACK	PC45_16 TRANSPARENT
65% light transmission	55% light transmission	85% light transmission
412001020000 (2m) = 200 pcs/ctn 413001020000 (3m) = 200 pcs/ctn 411000200000 (10m) = 40 pcs/ctn 418000200000 (80m) = 1 pcs/ctn	432001020000 (2m) = 200 pcs/ctn 433001020000 (3m) = 200 pcs/ctn 431000200000 (10m) = 40 pcs/ctn 431000200000 (80m) = 1 pcs/ctn	442001020000 (2m) = 200 pcs/ctn

10m rolled in PE-bag | 80m on roll in carton (cover dispenser – easy pull and cut)

Endcaps

Type: with hole | without hole
Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)



CAP-T7 Endcap | with hole | alu-silver	511002034153
CAP-T7 Endcap | without hole | alu-silver	511001034153

LED Drywall Lighting for Elegant Illumination

The T7 LED drywall profile is designed to seamlessly integrate with your interior spaces, providing perfect illumination for passageways at home, in the office, or in public buildings.

This innovative lighting solution not only ensures safe and well-lit walkways but also highlights the beauty of your wall and floor drywall arrangements. By emphasizing the natural textures and patterns of the tiles, the T5 profile elevates the overall aesthetic, adding a sleek, modern touch to any setting.

Our LED profiles for drywalls are available in two variants: recessed profiles and under-drywall installation. The recessed profile fits directly into the draywall layout, offering a minimalist, flush finish, while the under-drywall option is ideal for accentuating the edges of your drywalled surfaces.



Choose the T7 LED drywall profile for a blend of functionality and style, transforming your interiors with refined lighting that comments any space.

Key Advantages of the
EXO-T7_16 LED Profile

LED DRYWALL PROFILE

ALUMINUM SILVER
ANODIZED

Applications of Drywall LED Profiles

Drywall profiles are highly versatile, making them suitable for a variety of applications:

- **Residential Spaces**: Create ambient lighting in living rooms, kitchens, or bedrooms with soft, hidden light lines.
- **Commercial Projects**: Add striking, professional-grade lighting to office spaces, retail stores, and restaurants.
- **Architectural Designs**: Highlight design features such as niches, coves, or layered ceilings with clean, recessed lighting.
- **Hallways and Staircases**: Improve safety and aesthetics with embedded lighting along walls or steps.

Drywall profiles are particularly popular for creating hidden lighting effects, where the light source remains concealed, leaving only a smooth glow.

Comprehensive Accessories for Professional Installation

We offer matching accessories such as PETG end caps and spring steel mounting clips. These components provide additional protection for your installations and allow for easy and secure mounting of the profile. The accessories are specifically designed to help you achieve professional and aesthetically pleasing results.



EXO-T7_16 – The Ideal Choice for Those with the Highest Demands on LED Lighting Projects

What Are Drywall LED Profiles?

Drywall profiles are recessed LED channels specifically designed to fit within plasterboard or drywall surfaces. They allow LED strips to sit flush with the wall or ceiling, creating smooth, uninterrupted lighting effects. Constructed from durable aluminum, these profiles ensure optimal heat dissipation to prolong LED strip lifespan and maintain consistent performance. Whether for ambient lighting, accent lighting, or task lighting, drywall profiles offer the flexibility and precision required to achieve a polished, modern design.

Why Choose Fenix Solutions?

At Fenix Solutions, we specialize in drywall LED profiles that elevate interiors with sleek, integrated lighting. Our profiles are crafted using recycled aluminum, ensuring a sustainable approach to modern design. Whether you're designing a contemporary home, a stylish office, or an architectural masterpiece, our drywall profiles deliver the perfect balance of durability, performance, and aesthetics.

Explore our catalogue to find the right drywall LED profiles for your next project and transform walls and ceilings into illuminated features that stand out.



FENIX PROFILES
ARDET NEC CONSUMITUR

EXO-TI1_32

LED ALU SURFACE PROFILE

LED STRIP MAX. 32 MM

EXTRAWIDE **IP 20**

2m 3m | 2m 3m | 2m 3m | 2m

2Y WARRANTY **5Y UV-RESISTANCE**



Covers < 3m

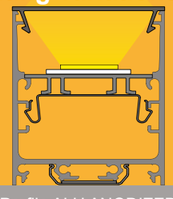
+ Extra-wide and high profile design
+ LED strips are adhered to the inlay
+ Mounting clips available
+ Cover conceals the edges of the aluminum profile from the front view (aluminum invisible)

EXO-TI1_32 LED ALU SURFACE PROFILE LED MAX.32MM | EXTRAWIDE

Matching polycarbonate covers, PETG end caps with and without cable openings and spring steel mounting clips can be found on the following pages.

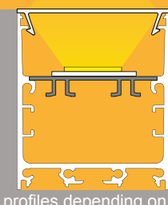
+ Very lightweight with excellent stability
+ Perfect heat dissipation
+ Smooth feel without unnecessary cooling fins
+ Channel for concealed storage of cables and a matching LED transformer below the inlay

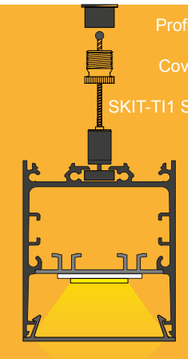
Mounting variations



Profile ALU ANODIZED
+
Cover TRANSPARENT (TL85%*)
+
SPS-ILA21_32 SILVER SpringSteel
+
SPS-TI1 Clip SILVER

Profile WHITE RAL 9016
+
Cover OPAL SATIN (TL65%*)





Profile BLACK RAL 9005
+
Cover BLACK (TL55%*)
+
SKIT-TI1 Suspension System BLACK

Cover colours can be combined to match the different coloured profiles depending on the project requirements. Please take the light transmission into account. *TL = translucency. Please note that we can only supply packaging units. This means that the minimum order quantity corresponds to one packaging unit. Sample orders are excluded. We also offer you a sample box with hand samples. Please contact us.



EXO-TI1_32

LED ALU SURFACE PROFILE

LED STRIP MAX. 32 MM

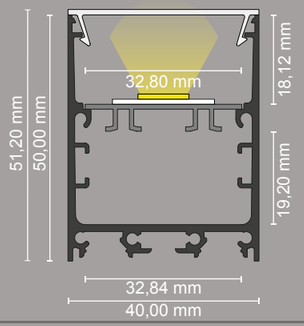
EXTRAWIDE

2m

3m

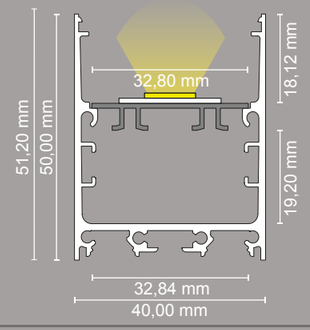
The EXO-TI1_32 profile offers a flat design, optimal heat dissipation, and protection for the LED light line, while remaining lightweight and stable. The EXO-TI1_32 profile is available in various lengths and colors.





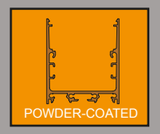
612000432402 ALUMINUM (2m)
613000432402 ALUMINUM (3m)

2m = 16 pcs/ctn | 3m = 12 pcs/ctn



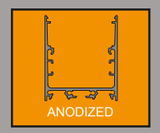
632000432402 BLACK RAL9005 (2m)
633000432402 BLACK RAL9005 (3m)

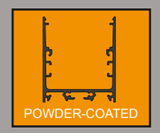
2m = 16 pcs/ctn | 3m = 12 pcs/ctn

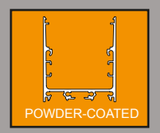


642000432402 CHAMPAGNER (2m)

2m = 16 pcs/ctn







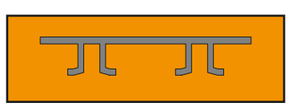
622000432402 WHITE RAL9016 (2m)
623000432402 WHITE RAL9016 (3m)

2m = 16 pcs/ctn | 3m = 12 pcs/ctn

The light emission shown in the sketches does not correspond to the actual photometric measurement results. These are symbolic illustrations.

Suitable Inlays

Matching the EXO-TI1_32 profile.
Inlay for elegant ilumination.



	LA21_32 ALU ANODIZED (2m)	612000732402
	LA21_32 ALU ANODIZED (3m)	613000732402

2m = 40 pcs/ctn | 3m = 40 pcs/ctn

Suitable Covers

PC61_32 COVER FLAT F. LED ALU-PROFILE
EXO-TI1 | POLYCARBONAT

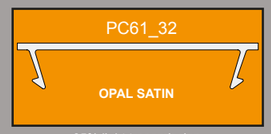
Cover conceals the edges of the aluminium profile in the front view

2m

3m

Covers are matching with the following profile types:

EXO-TI1_32



65% light transmission

412001055000 (2m) = 100 pcs/ctn
413001055000 (3m) = 100 pcs/ctn



55% light transmission

432001055000 (2m) = 100 pcs/ctn
433001055000 (3m) = 100 pcs/ctn

10m rolled in PE-bag | 80m on roll in carton (cover dispenser – easy pull and cut)

Endcaps

Type: with hole | without hole
Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)



	CAP-TI1 Endcap | with hole | alu-silver	510002432402
	CAP-TI1 Endcap | without hole | alu-silver	510001432402



	CAP-TI1 Endcap | with hole | white	520002432402
	CAP-TI1 Endcap | without hole | white	520001432402



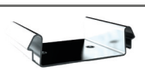
	CAP-TI1 Endcap | with hole | black	530002432402
	CAP-TI1 Endcap | without hole | black	530001432402

Mounting Clip

Finishes: aluminum-silver
Material: spring steel



	SPS-TI1_32 silver SpringSteel	311000000005



	SPS-ILA21_32 silver SpringSteel	311000000009

Connectors

Angles: 90° | 120° | 135° | 180° | T | X | inner corner 90° | outer corner 90°
Finishes: aluminum-silver
Material: Polyethylene Terephthalate Glycol (PETG)



CON-TI1 Connector 90° | alu-silver 511002015016



CON-TI1 Connector 120° | alu-silver 511002015016



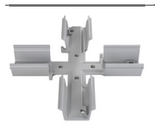
CON-TI1 Connector 135° | alu-silver 511002015016



CON-TI1 Connector 180° | alu-silver 511002015016



CON-TI1 Connector T | alu-silver 511002015016



CON-TI1 Connector X | alu-silver 511002015016

Suspension systems

Finishes: aluminum-silver | white | black
Material: brass



SKIT-N3/N4/TI1 suspension system | 1,5m | alu-silver 211509000010
SKIT-N3/N4/TI1 suspension system | 1,5m | white 221509000010
SKIT-N3/N4/TI1 suspension system | 1,5m | black 231509000010



FENIX PROFILES
ARDET NEC CONSUMITUR

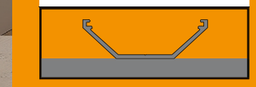
EXO-V1_12

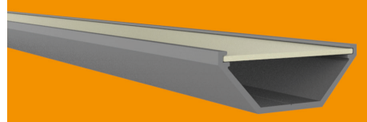
LED ALU CORNER PROFILE

LED STRIP MAX. 12 MM

FLATBACK **IP 20**

2m





Covers < 200m Cover Dispenser

2Y WARRANTY **5Y UV-RESISTANCE**

EXO-V1_12 LED ALU CORNER PROFILE LED MAX.12MM | FLATBACK

Matching polycarbonate covers, PETG end caps with and without cable openings and spring steel mounting clips can be found on the following pages.

+ Flat, narrow profile design
+ Mounting clips available
+ Cover available in two designs – flat and halfround
+ Flat cover also available in 200m rolls as standard – both in opal saan and black

+ Very lightweight with excellent stability
+ Perfect heat dissipation
+ Smooth feel without unnecessary cooling fins
+ Optimal protection of the LED light strip from dust and mechanical impacts

Mounting variations

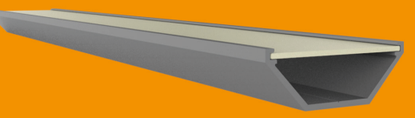


Profile ALU ANODIZED
+
Cover TRANSPARENT (TL85%*)



Profile ALU ANODIZED
+
Cover BLACK (TL55%*)

Cover colours can be combined to match the different coloured profiles depending on the project requirements. Please take the light transmission into account. *TL = translucency. Please note that we can only supply packaging units. This means that the minimum order quantity corresponds to one packaging unit. Sample orders are excluded. We also offer you a sample box with hand samples. Please contact us.



EXO-V1_12

LED ALU CORNER PROFILE

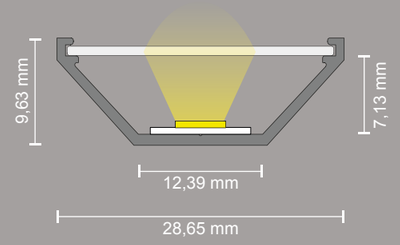
LED STRIP MAX. 12 MM

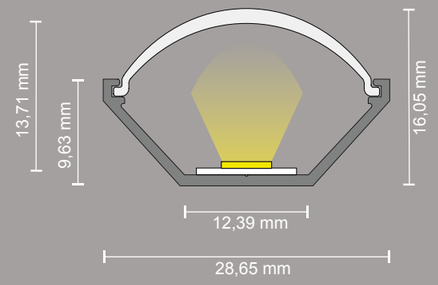
FLATBACK

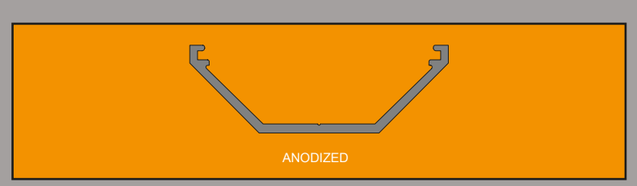
2m

The EXO-V1_12 profile offers a flat design, optimal heat dissipation, and protection for the LED light line, while remaining lightweight and stable. The EXO-V1_12 profile is available in various lengths and colors.









612000528610 ALU ANODIZED (2m)
613000528610 ALU ANODIZED (3m)

2m = 60 pcs/ctn

The light emission shown in the sketches does not correspond to the actual photometric measurement results. These are symbolic illustrations.

Material Specification

The V1_12 LED profile is available in three high-quality finishes to suit various design needs:

- Anodized Aluminum
- Black RAL9005
- White RAL9016

The Anodized Aluminum finish offers a durable 15-micron layer, providing excellent protection against wear and corrosion. For the Black and White options, a robust 25-micron powder coating is applied, ensuring a sleek, long-lasting finish. Additionally, for applications requiring extra durability and moisture resistance, PUR Casting is available on request, making this profile versatile and adaptable to different environments We care about enviromental sustainabillity. For this reason, recycled aluminum is used to produce our products.

Our covers are made of polycarbonate with UL94 V-2 flammability classification: Extinguishing of a vertically clamped sample within 30 seconds

Material Compostition of 6063-T5 Aluminum

Aluminum anodized = 15 micron
Aluminum powder-coated = 25 micron
Not chlorine/saltwater resistant

Magnesium	Minimum 0.45%, Maximum 0.9%
Silicon	Minimum 0.2%, Maximum 0.6%
Manganese	No minimum, Maximum 0.10%
Iron	No minimum, Maximum 0.35%
Copper	No minimum, Maximum 0.10%
Chromium	No minimum, Maximum 0.10%

Powder coating in all RAL colours possible on request, subject to a corresponding minimum quantity! This material can be drilled and sawn using suitable machines and the appropriate speed.

Suitable Covers

PC71_12 and PC72_12 COVER FLAT F. LED ALU-PROFILE EXO-V1| POLYCARBONAT

Cover conceals the edges of the aluminium profile in the front view

2m
10m
200m

Covers are matching with the following profile types:

EXO-V1_12

PC71_12 OPAL SATIN 65% light transmission 412001002500 (2m) = 200 pcs/ctn 411000250000 (10m) = 50 pcs/ctn 412000002500 (200m) = 1 pcs/ctn	PC71_12 BLACK 55% light transmission 432001002500 (2m) = 200 pcs/ctn 431000250000 (10m) = 50 pcs/ctn 432000002500 (200m) = 1 pcs/ctn	PC71_12 TRANSPARENT 85% light transmission 442001002500 (2m) = 200 pcs/ctn
PC72_12 OPAL SATIN 65% light transmission 412001002514 (2m) = 150 pcs/ctn	PC72_12 BLACK 55% light transmission 432001002514 (2m) = 150 pcs/ctn	PC72_12 TRANSPARENT 85% light transmission 442001002514 (2m) = 150 pcs/ctn

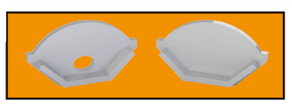
10m rolled in PE-bag | 200m on roll in carton (cover dispenser – easy pull and cut)

Endcaps

Type: with hole | without hole
Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)



- CAP-V1 Endcap | with hole | alu-silver 511002036054
- CAP-V1 Endcap | without hole | alu-silver 511001036054



- CAP-V1 Endcap | HALF-ROUND | with hole | alu-silver 511002036081
- CAP-V1 Endcap | HALF-ROUND | without hole | alu-silver 511001036081

Mounting Clip

Finishes: aluminum-silver
Material: spring steel



- SPS-V2_12 silver SpringSteel 311000000001

Key Advantages of the
EXO-V1_12 LED Profile

LED CORNER PROFILE

ALUMINUM SILVER
ANODIZED

Applications of Corner LED Profiles

Corner profiles are ideal for creating focused or ambient lighting in various settings:

- **Residential Interiors**: Illuminate under cabinets, along staircases, or at room corners for a sophisticated look.
- **Commercial Spaces**: Add dynamic lighting to display shelves, shop counters, or office interiors.
- **Architectural Features**: Highlight coves, angled ceilings, or external edges with clean, continuous light.
- **Furniture Integration**: Integrate profiles into desks, wardrobes, or other furnishings for custom lighting effects.

Corner profiles are perfect for spaces where angled lighting can enhance functionality and design.

Comprehensive Accessories for Professional Installation

We offer matching accessories such as PETG end caps and spring steel mounting clips. These components provide additional protection for your installations and allow for easy and secure mounting of the profile. The accessories are specifically designed to help you achieve professional and aesthetically pleasing results.



EXO-V1_12 – The Ideal Choice for Those with the Highest Demands on LED Lighting Projects

What Are Corner LED Profiles?

Corner LED profiles are specially designed aluminum channels that fit neatly into corners, whether internal or external. They allow LED strips to provide targeted lighting at precise angles, creating elegant and functional illumination. With their optimal heat dissipation and customizable designs, corner profiles are perfect for highlighting architectural details or adding light to hard-to-reach areas.

Why Choose Fenix Solutions?

At Fenix Solutions, we are dedicated to providing corner LED profiles that meet the highest standards of quality and design. Our profiles are trusted by architects, designers, and DIY enthusiasts for their versatility and durability. Each profile is carefully crafted to enhance both lighting functionality and aesthetic appeal.

With our wide range of options, including recessed corner profiles and surface-mounted corner profiles, you can customize your lighting to fit any project. Pair our profiles with PETG end caps and accessories for a polished and professional finish.

FENIX PROFILES
ARDET NEC CONSUMITUR

EXO-V2_14

LED ALU CORNER PROFILE

LED STRIP MAX. 14 MM

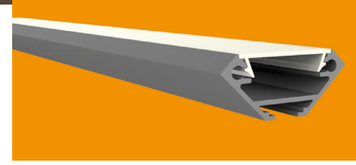
REAR CABLE CHANNEL **IP 20**

2m 2m 2m



2Y WARRANTY

5Y UV-RESISTANCE



+ Flat, narrow profile design
+ Mounting clips available
+ Rear cutouts for concealed cable management
+ Cover conceals the edges of the aluminum profile from the front view (aluminum invisible)

EXO-V2_14 LED ALU CORNER PROFILE LED MAX.14MM | REAR CABLE CHANNEL

Matching polycarbonate covers, PETG end caps with and without cable openings and spring steel mounting clips can be found on the following pages.

+ Very lightweight with excellent stability
+ Perfect heat dissipation
+ Smooth feel without unnecessary cooling fins
+ Optimal protection of the LED light strip from dust and mechanical impacts

Mounting variations

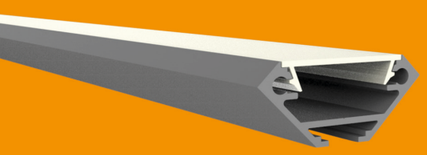


Profile ALU ANODIZED
+
Cover TRANSPARENT (TL85%*)



Profile BLACK RAL 9005
+
Cover BLACK (TL55%*)
+
SPS-V2_12 SILVER SpringSteel

Cover colours can be combined to match the different coloured profiles depending on the project requirements. Please take the light transmission into account. *TL = translucency. Please note that we can only supply packaging units. This means that the minimum order quantity corresponds to one packaging unit. Sample orders are excluded. We also offer you a sample box with hand samples. Please contact us.



EXO-V2_14

LED ALU CORNER PROFILE

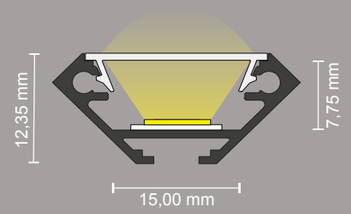
LED STRIP MAX. 14 MM

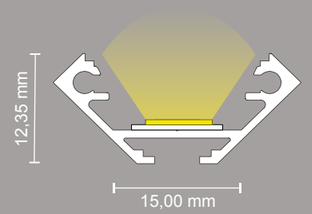
REAR CABLE CHANNEL

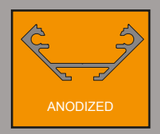
2m

The EXO-V2_14 profile offers a flat design, optimal heat dissipation, and protection for the LED light line, while remaining lightweight and stable. The EXO-V2_14 profile is available in various lengths and colors.









611000514112 ALUMINUM (1m)
612000514112 ALUMINUM (2m)
613000514112 ALUMINUM (3m)

2m = 28 pcs/ctn



631000514112 BLACK RAL9005 (1m)
632000514112 BLACK RAL9005 (2m)
633000514112 BLACK RAL9005 (3m)

2m = 28 pcs/ctn



621000514112 WHITE RAL9016 (1m)
622000514112 WHITE RAL9016 (2m)
623000514112 WHITE RAL9016 (3m)

2m = 28 pcs/ctn

The light emission shown in the sketches does not correspond to the actual photometric measurement results. These are symbolic illustrations.

Material Specification

The V2_14 LED profile is available in three high-quality finishes to suit various design needs:

- Anodized Aluminum
- Black RAL9005
- White RAL9016

The Anodized Aluminum finish offers a durable 15-micron layer, providing excellent protection against wear and corrosion. For the Black and White options, a robust 25-micron powder coating is applied, ensuring a sleek, long-lasting finish. Additionally, for applications requiring extra durability and moisture resistance, PUR Casting is available on request, making this profile versatile and adaptable to different environments We care about enviromental sustainabillity. For this reason, recycled aluminum is used to produce our products.

Our covers are made of polycarbonate with UL94 V-2 flammability classification: Extinguishing of a vertically clamped sample within 30 seconds

Material Compostition of 6063-T5 Aluminum

Aluminum anodized = 15 micron
Aluminum powder-coated = 25 micron
Not chlorine/saltwater resistant

Magnesium	Minimum 0.45%, Maximum 0.9%
Silicon	Minimum 0.2%, Maximum 0.6%
Manganese	No minimum, Maximum 0.10%
Iron	No minimum, Maximum 0.35%
Copper	No minimum, Maximum 0.10%
Chromium	No minimum, Maximum 0.10%

Powder coating in all RAL colours possible on request, subject to a corresponding minimum quantity! This material can be drilled and sawn using suitable machines and the appropriate speed.

Suitable Covers

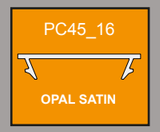
PC45_16 COVER FLAT F. LED ALU-PROFILES
EXO-F1/F1H/F2/N1/N2/T3/T3H/T5/T7/V2 | POLYCARBONAT

Cover conceals the edges of the aluminium profile in the front view

2m
3m
10m
80m

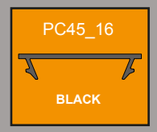
Covers are matching with the following profile types:

EXO-F1_16 | EXO-F2_15 | EXO-N2_16 | EXO-T3H_16 | EXO-V2_14
EXO-F1H_16 | EXO-N1_16 | EXO-T3_16 | EXO-T5_16 | EXO-T7_16



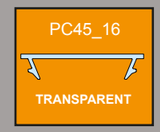
65% light transmission

412001020000 (2m) = 200 pcs/ctn
413001020000 (3m) = 200 pcs/ctn
411000200000 (10m) = 40 pcs/ctn
418000200000 (80m) = 1 pcs/ctn



55% light transmission

432001020000 (2m) = 200 pcs/ctn
433001020000 (3m) = 200 pcs/ctn
431000200000 (10m) = 40 pcs/ctn
431000200000 (80m) = 1 pcs/ctn



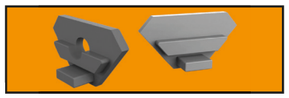
85% light transmission

442001020000 (2m) = 200 pcs/ctn

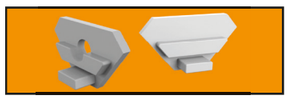
10m rolled in PE-bag | 80m on roll in carton (cover dispenser – easy pull and cut)

Endcaps

Type: with hole | without hole
Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)



CAP-V2 Endcap | with hole | alu-silver 510002514112
CAP-V2 Endcap | without hole | alu-silver 510001514112



CAP-V2 Endcap | with hole | white 520002514112
CAP-V2 Endcap | without hole | white 520001514112



CAP-V2 Endcap | with hole | black 530002514112
CAP-V2 Endcap | without hole | black 530001514112

Mounting Clip

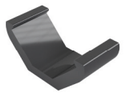
Finishes: aluminum-silver
Material: spring steel



SPS-V2_14 silver SpringSteel 311000000002

Magnetic Mounts

Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)



	MAG-V2 Magnetic Mount | alu-silver	510003514112
	MAG-V2 Magnetic Mount | white	520003514112
	MAG-V2 Magnetic Mount | black	530003514112

Stabilizer

Finishes: aluminum-silver | white | black
Material: Polyethylene Terephthalate Glycol (PETG)



	MAG-V2 Stabilizer | alu-silver	510001614112
	MAG-V2 Stabilizer | white	520001614112
	MAG-V2 Stabilizer | black	530001614112

Key Advantages of the EXO-V2_14 LED Profile

LED SURFACE PROFILE

ALUMINUM SILVER ANODIZED

BLACK RAL9005 POWDER-COATED

WHITE RAL9016 POWDER-COATED

High-Quality Covers in Various Translucencies for Perfect Light Distribution

Our polycarbonate covers are available in different colors and light translucencies. These covers provide even light distribution, ensuring your LED strips emit light uniformly without visible transitions. The milky cover creates a diffused light that is ideal for applications where uniform, soft lighting is desired. Our covers are available in lengths up to 100 m on a roll, making them the perfect choice for seamless installations.

Comprehensive Accessories for Professional Installation

We offer matching accessories such as PETG end caps and spring steel mounting clips. These components provide additional protection for your installations and allow for easy and secure mounting of the profile. The accessories are specifically designed to help you achieve professional and aesthetically pleasing results.



Lighting Solutions with Fenix Solutions

At Fenix Solutions, we specialize in premium LED profiles designed to meet the needs of modern lighting projects. From homes to commercial spaces, our comprehensive range of aluminum LED profiles offers solutions that are both stylish and functional. Our profiles cater to a variety of applications, including surface-mounted profiles, recessed profiles, tile profiles, corner profiles, and luminaire profiles.

High-Quality Aluminum LED Profiles

Our aluminum LED profiles are engineered with precision and durability. The high-quality aluminum ensures optimal heat dissipation, making them ideal for long-lasting LED strip installations. These profiles are lightweight, corrosion-resistant, and eco-friendly, crafted using recycled materials for a sustainable future.

Whether you need profiles for ambient lighting, task lighting, or architectural accents, Fenix Solutions provides the perfect match for your project.

Sustainability and Innovation

Fenix Solutions is committed to sustainable practices. Our aluminum LED profiles are crafted using recycled materials, reducing waste and supporting eco-friendly manufacturing processes. By combining sustainability with cutting-edge design, we provide lighting solutions that are both environmentally conscious and highly efficient.



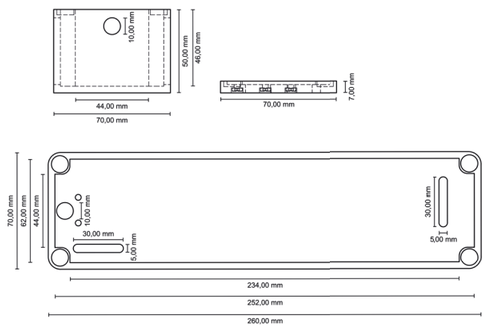
Driver Box

Type: 260x70 | 160x60
Finishes: aluminum-silver | white | black
Material: Polylactic Acid (PLA)

Driver Box 260x70x50

■	Driver Box 260x70x50 black	530401116004
□	Driver Box 260x70x50 white	520401116004
■	Driver Box 260x70x50 gray	510401116004

Our standard LED profiles are available in white, black, and grey. Other colors are available on request, subject to a minimum order quantity.

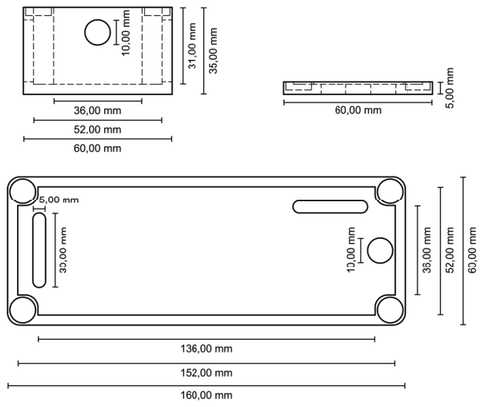




Driver Box 160x60x48

■	Driver Box 160x60 black	530541116004
□	Driver Box 160x60 white	520541116004
■	Driver Box 160x60 gray	510541116004

Our standard LED profiles are available in white, black, and grey. Other colors are available on request, subject to a minimum order quantity.





Installation Process

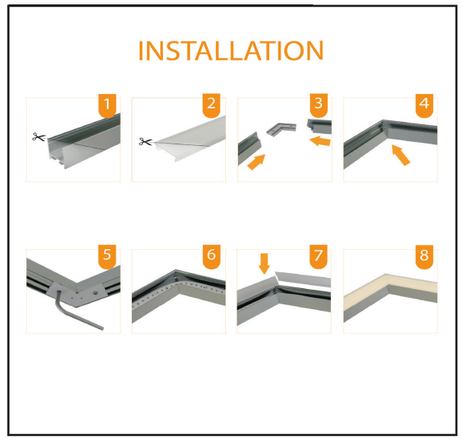
For our Accesoires



Our LED profile accessories are designed for seamless installation, ensuring a professional and clean setup. From connectors and endcaps for cable management to wall mounts and magnetic mounts, every accessory is crafted for effortless use.

Easy Installation

As shown in the installation picture, setting up our accessories is straightforward and hassle-free. Each accessory is supplied with M5 x 8 or M5 x 5 screws, ensuring a secure and reliable fit. Whether you're mounting profiles to surfaces or organizing cables, our accessories are designed to simplify the process and deliver a polished, professional finish.



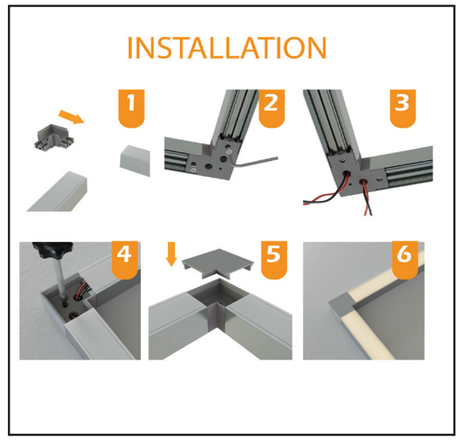
CON-N2 Connector 120°
Incl. set screw (M5 x 8)

■	510003118020
□	520003118020
■	530003118020



Driver box 160x60x40
Incl. set screw

■	510401116004
□	520401116004
■	530401116004



CON-N4 Corner Connector 90°
Incl. set screw (M5 x 8)

■	510036129830
□	520036129830
■	530036129830



LAM-N4 Topholder
Incl. set screw

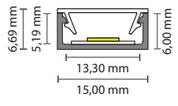
■	510020129830
□	520020129830
■	530020129830

Real Time Measurments

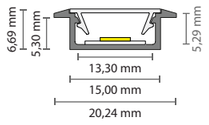
At Fenix Solutions, we understand that accurate measurements are crucial for successful LED lighting projects. That's why we provide precise, real-time dimensions for our entire range of aluminum LED profiles and accessories. Whether you're working on surface-mounted profiles, recessed profiles, tile profiles, or corner profiles, our detailed measurements help ensure seamless integration into your designs.

A-Series

Exo-A1_13



Exo-A1F_13



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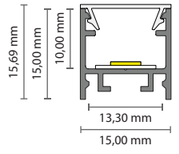

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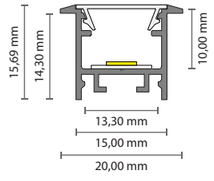
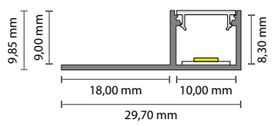


F-Series

Exo-F0_10



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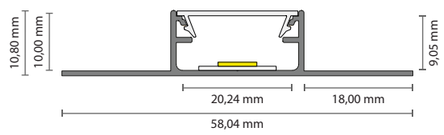

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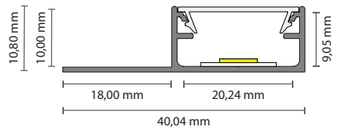

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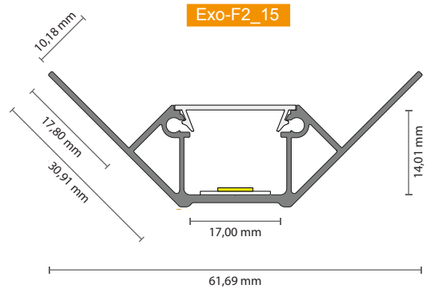
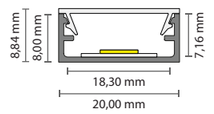


N-Series

Exo-N1_16



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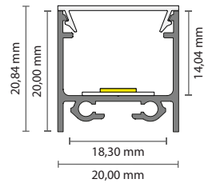

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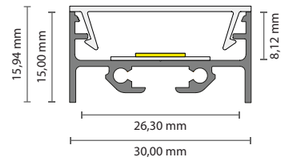

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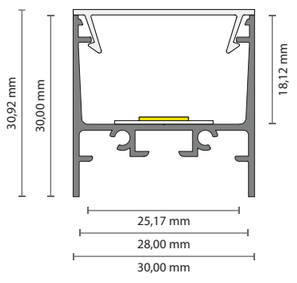

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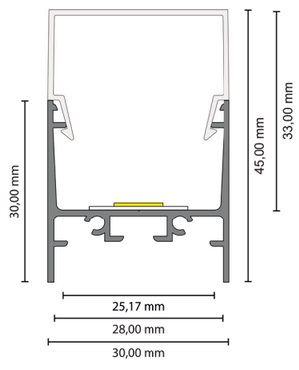

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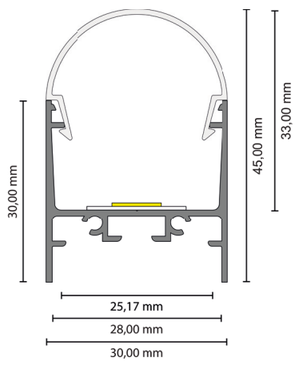
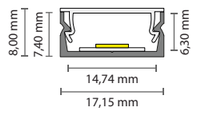


NLN-Series

Exo-NLN1_14



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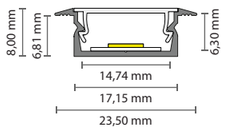

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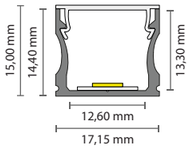

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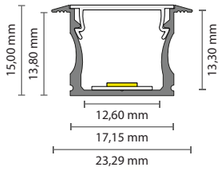
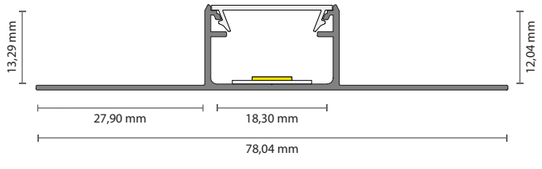


T-Series

Exo-T3_16



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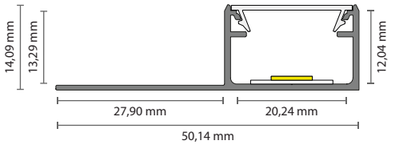

Real Time Measurments

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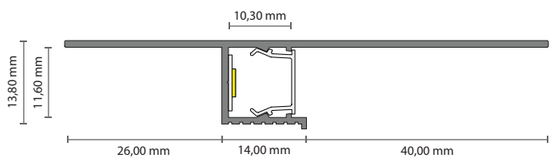
T-Series

Exo-T4_11



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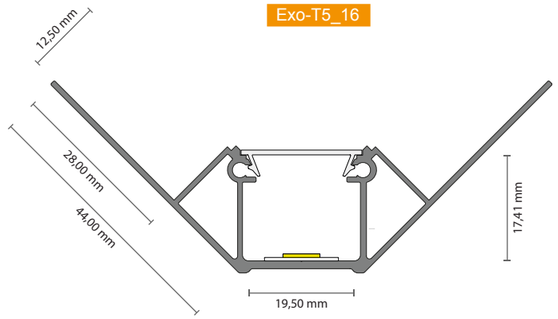

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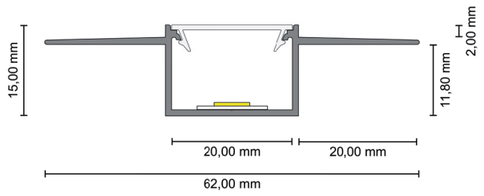
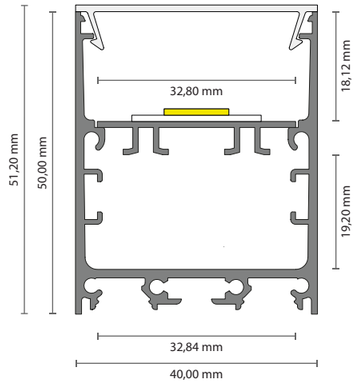


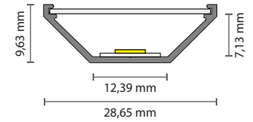
TI-Series

Exo-TI1_32



V-Series

Exo-V1_12



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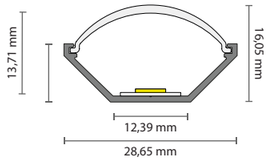
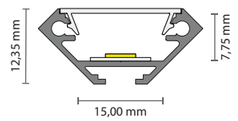


Exo-V2_14

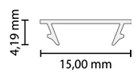


PC-Covers

PC31_14



PC41_13



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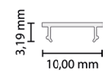

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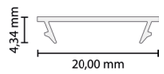

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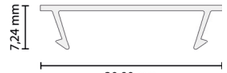


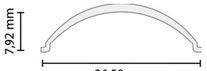
PC61_32



PC71_12



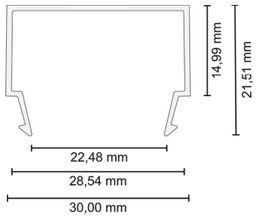
PC72_12



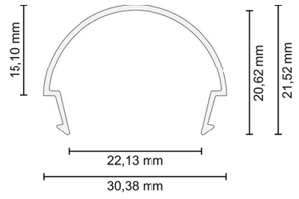
PC75_11



PC52_24



PC53_24



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The Ending

Thank You for Choosing Fenix Solutions

At Fenix Solutions, we are more than just a provider of LED profiles and accessories we are partners in your creative journey. Every project you bring to life, whether it's a stunning architectural design, a cozy home interior, or a vibrant commercial space, reflects the trust you place in us. For that, we are deeply grateful.

Our mission has always been to deliver products that combine functionality, innovation, and sustainability. By choosing our aluminum LED profiles, mounting solutions, and accessories, you're not only investing in high-quality lighting solutions but also supporting our commitment to eco-friendly practices and cutting-edge design.

Thank you for letting us be part of your story. We take pride in helping you create spaces that inspire and delight, and we look forward to illuminating many more projects with you in the future.

Let's continue this journey together—bringing light, style, and innovation to every corner of the world.

Get in Touch!

Have questions? Need assistance? We're here to help!

Contact Options

Email: office@fenix-profiles.com
Phone: +43 676 928 4208
Address:
Fürst-Franz-Josef-Strasse 21
LI-9490 Vaduz (Liechtenstein)
Website: www.fenix-profiles.com

Contact Form

If you have any inquiries about our products, services, or custom solutions, please feel free to fill out the contact form on our website. Our team will get back to you promptly to assist with your needs.

Visit us at: www.fenix-profiles.com

We look forward to hearing from you!