

POLINTER

PERFILS PLÀSTICS

Lighting Industry

Profiles and Tubes

2026
edition

Profiles and Tubes

Lighting Industry

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About us

EN

Polinter, S.A. is a company that since 1953 has been dedicated to the design and manufacture of extruded plastic profiles for the lighting industry, among others.

Our activity is focused on diffusers, tubes, LED and all kinds of plastic products according to your specifications, to complete the luminaire that is required, always customizing the design and with the best technical features.

All the profiles are manufactured to obtain the best photometric performance, adapting the material, its geometry and its surface appearance.

We advise you on the design of the product to meet or improve the IP and IK behavior of the luminaire. Our commitment is focused on obtaining the best mechanical performance, high temperature resistance, the best levels of transparency and light transmission, as well as having the best UV resistance and excellent aesthetics.

FR

Polinter, S.A. est une entreprise qui depuis 1953 se consacre à la conception et à la fabrication de profilés en plastique extrudé pour l'industrie de l'éclairage, entre autres secteurs.

Notre activité se concentre sur les diffuseurs, les tubes, les LED et toutes sortes de produits en plastique selon vos spécifications, pour compléter le luminaire requis, en personnalisant toujours le design et avec les meilleures caractéristiques techniques.

Tous les profilés sont fabriqués pour obtenir les meilleures performances photométriques, en adaptant la matière, sa géométrie et son aspect de surface.

Nous vous conseillons sur la conception du produit pour respecter ou améliorer le comportement IP et IK du luminaire.

Notre engagement est axé sur l'obtention des meilleures performances mécaniques, une haute résistance à la température, les meilleurs niveaux de transparence et de transmission lumineuse, ainsi que la meilleure résistance aux UV et une excellente esthétique.

ES

Polinter, S.A. es una empresa que desde el año 1953 se dedica al diseño y fabricación de perfiles plásticos por extrusión para la industria de la iluminación, entre otros sectores.

Nuestra actividad está centrada en Difusores, Tubos, LED y todo tipo de producto plástico de acuerdo con sus especificaciones, para completar la luminaria que se precise, siempre personalizando el diseño y con las mejores prestaciones técnicas.

Todos los perfiles están fabricados para obtener las mejores prestaciones fotométricas, adecuando el material, su geometría y su aspecto superficial.

Les asesoramos en el diseño del producto para cumplir o mejorar el comportamiento IP e IK de la luminaria.

Nuestro compromiso se centra en obtener las mejores prestaciones mecánicas, alta resistencia a la temperatura, los mejores niveles de transparencia y de transmisión de la luz, así como disponer de la mejor resistencia UV y con una excelente estética.

DE

Polinter, S.A. ist ein Unternehmen, das sich seit 1953 dem Design und Herstellung von extrudierten Kunststoffprofilen, für die Beleuchtungsindustrie und anderen Branchen, widmet.

Unsere Tätigkeit konzentriert sich auf Diffusoren, Röhren, LED und alle Arten von Kunststoffprodukten nach Ihren Vorgaben, um die gewünschte Leuchte zu vervollständigen, immer mit individuellem Design und mit den besten technischen Eigenschaften.

Alle Profile werden hergestellt, um die beste photometrische Leistung zu erzielen, indem das Material, seine Geometrie und sein Oberflächenbeschaffenheit angepasst werden.

Wir beraten sie beim Design des Produkts, um die Schutzklassen IP- und IK- der Leuchte zu erfüllen oder zu verbessern.

Unser Engagement konzentriert sich auf die Erzielung der besten mechanischen Leistung, bestmögliche Temperaturbeständigkeit, eine maximale Transparenz und Lichtdurchlässigkeit, sowie für eine ausgezeichnete UV-Beständigkeit und herausragende Ästhetik.



Sustainability

EN

At Polinter, S.A, always committed to and aware of sustainability, we work to respond to customers who want a more sustainable product that meets the objectives of the circular economy, the strategy of reducing both the consumption of raw materials and the production of waste.

Our production process allows us to offer, depending on the client's needs, profiles that can contain different percentages of recycled materials, while maintaining their technical properties.

Its manufacture also allows optimization of the amount of raw material used, which results in less waste, and effective management of this material, both internal and external suppliers.

✂ In order to the environmental impact, Polinter can introduce different percentages of recycling depending on the needs of the client. It also works on the use of halogen-free material and follows the evolution of bioplastic materials for their incorporation into various ranges if their technical properties allow it.

✂ Polinter, S.A. has participated in the ULTRAVISC project (Sensor-based ultrasonic viscosity control for the extrusion of recycled plastics) of the European Union, aimed at creating control and surveillance technology to guarantee reliable systems for using plastic waste to manufacture other products.

✂ Polinter manufactures post-consumer plastics and works with a wide range of sustainable materials.

✂ We make sure that microplastic particles do not leave our factories as a company adhered to the OCS which is a global initiative of the plastics industry to prevent the emission of plastic particles (granules, flakes, dust) into the environment, which can occur unintentionally at any stage of the plastics value chain: Production, handling, transport, transformation and recycling.

Operation Clean Sweep – Objective: Zero Pellet Losses (anaip.es)

ES

En Polinter, S.A, trabajamos para dar respuesta a los clientes que desean un producto más sostenible y que cumpla con los objetivos de la economía circular, la estrategia para reducir tanto el consumo de materias primas como la producción de residuos.

Nuestro proceso de producción nos permite ofrecer, según las necesidades del cliente, perfiles que pueden incluir materiales reciclados en diferentes porcentajes conservando sus propiedades técnicas.

Su fabricación permite también una optimización de la cantidad de materia prima utilizada, lo que incide en menor cantidad de residuos, y una eficaz gestión de ese material tanto propio como de proveedores externos.

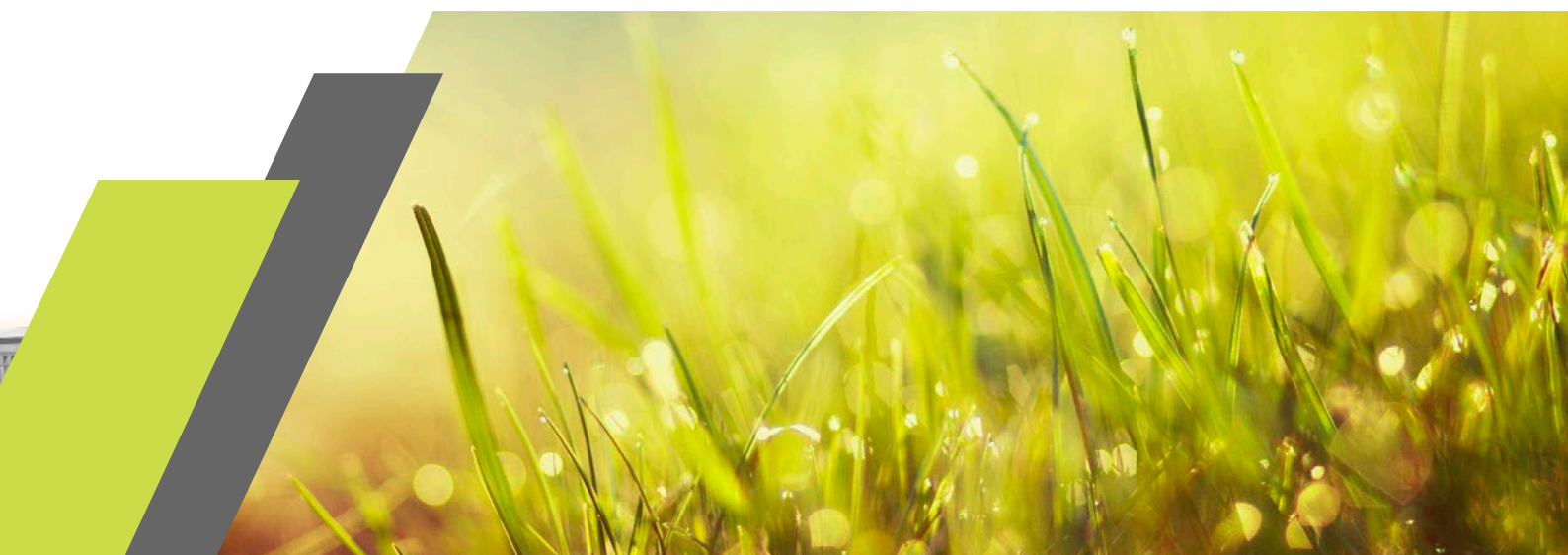
✂ Para reducir el impacto ambiental, Polinter puede introducir diversos porcentajes de reciclado en función de las necesidades del cliente. También trabaja en el uso de material libre de halógenos y sigue la evolución de materiales bioplásticos para su incorporación a diversas gamas si sus propiedades técnicas lo permiten.

✂ Polinter, S.A. ha participado en el proyecto ULTRAVISC (Sensor-based ultrasonic viscosity control for the extrusion of recycled plastics) de la Unión Europea, destinado a crear tecnología de control y vigilancia para garantizar sistemas fiables para utilizar residuos plásticos para fabricar otros productos.

✂ Polinter fabrica perfiles con plásticos postconsumo y trabaja una amplia gama de materiales sostenibles.

✂ Nos aseguramos de que no salgan partículas microplásticas de nuestras fábricas como empresa adherida al OCS que es una iniciativa mundial de la industria de los plásticos para evitar la emisión al medio ambiente de partículas de plástico (granza, escamas, polvo), que puede producirse de forma involuntaria en cualquiera de las etapas de la cadena de valor de los plásticos: Producción, manipulación, transporte, transformación y reciclado.

Operation Clean Sweep – Objetivo: Cero Pérdidas de Granza (anaip.es)



Sustainability

FR

Polinter, S.A, toujours engagé et conscient du développement durable, nous travaillons pour répondre aux clients qui souhaitent un produit plus durable qui réponde aux objectifs de l'économie circulaire, la stratégie visant à réduire à la fois la consommation de matières premières et la production de déchets.

Notre processus de production nous permet de proposer, selon les besoins du client, des profilés pouvant inclure des matériaux recyclés dans différents pourcentages tout en préservant leurs propriétés techniques.

Sa fabrication permet également une optimisation de la quantité de matière première utilisée, ce qui se traduit par moins de déchets, et une gestion efficace de cette matière, aussi bien par des fournisseurs internes qu'externes.

✂ Pour réduire l'impact environnemental, Polinter S.A. peut introduire différents pourcentages de recyclage en fonction des besoins du client. Nous travaillons également sur l'utilisation de matériaux sans halogène et suivons l'évolution des matériaux bioplastiques pour leur incorporation dans différentes gammes si leurs propriétés techniques le permettent.

✂ Polinter, S.A. a participé au projet ULTRAVISC (Sensor-based ultrasonic viscosity control for the extrusion of recycle plastics) de l'Union européenne, visant à créer une technologie de contrôle et de surveillance pour garantir des systèmes fiables d'utilisation des déchets plastiques pour fabriquer d'autres produits.

✂ Polinter fabrique des plastiques post-consommation et travaille avec une large gamme de matériaux durables.

✂ Nous veillons à ce que les particules de microplastiques ne quittent pas nos usines en tant qu'entreprise adhérent à l'OCS qui est une initiative mondiale de l'industrie des plastiques pour prévenir l'émission de particules de plastique (granulés, flocons, poussières) dans l'environnement, qui peut se produire involontairement à n'importe quelle étape de la chaîne de valeur des plastiques : production, manutention, transport, transformation et recyclage.

Opération Clean Sweep – Objectif : Zéro perte de pellets (anaip.es)

DE

Polinter, S.A: Immer engagiert und mit dem Bewusstsein für Nachhaltigkeit, arbeiten wir daran, auf Kunden zu reagieren, die ein nachhaltigeres Produkt wünschen, das den Zielen der Kreislaufwirtschaft entspricht, mit der Strategie, sowohl den Verbrauch von Rohstoffen als auch die Abfallproduktion zu reduzieren.

Unser Produktionsprozess ermöglicht es uns, je nach Bedarf des Kunden Profile anzubieten, die recycelte Materialien in unterschiedlichen Prozentsätzen enthalten können, während ihre technischen Eigenschaften erhalten bleiben.

Seine Herstellung ermöglicht auch eine Optimierung der Menge des verwendeten Rohmaterials, was zu weniger Abfall und einer effektiven Verwaltung dieses Materials führt, sowohl bei internen als auch bei externen Lieferanten.

✂ Um die Auswirkungen auf die Umwelt so gering wie möglich zu halten, setzt Polinter je nach Kundenbedarf auf Produkte aus nachhaltigem Recycling ein. Wir verarbeiten ebenso halogenfreies Material und verfolgen die Entwicklung von Biokunststoffen, die wir bei zulässigen technischen Eigenschaften in verschiedenen Produktreihen verwenden.

✂ Polinter, S.A. hat am ULTRAVISC-Projekt (Sensorbasierte Ultraschall-Viskositätskontrolle für die Extrusion von recycelten Kunststoffen) der Europäischen Union teilgenommen, das darauf abzielt, eine Steuerungs- und Überwachungstechnologie zu schaffen, um zuverlässige Systeme zur Verwendung von Kunststoffabfällen zur Herstellung anderer Produkte, zu gewährleisten.

✂ Polinter strebt an, im Jahr 2025 Profile mit Post-Consumer-Kunststoff herstellen zu können.

✂ Als OCS-konformes Unternehmen stellen wir sicher, dass Mikroplastikpartikel unsere Fabriken nicht verlassen. Dies ist eine globale Initiative der Kunststoffindustrie, um die Emission von Kunststoffpartikeln (Granulat, Flocken, Staub) in die Umwelt zu verhindern, die unbeabsichtigt auf jeder Stufe der Kunststoff-Wertschöpfungskette auftreten kann: Produktion, Handhabung, Transport, Verarbeitung und Recycling.

Operation Clean Sweep – Ziel: Zero Pellet Losses (anaip.es)



Lighting industry

EN

The constant work in R+I+D in materials engineering, in addition to mechanical engineering and mould design, allows us to provide efficient solutions for LED lighting projects, achieving maximum efficiency and visual comfort, allowing the creation of warm mindfulness environments to comfortable workplaces.

Going through the various technical, architectural, commercial, furniture, automotive, aeronautical applications.

ES

El constante trabajo en R+I+D en ingeniería de materiales, sumada a la ingeniería mecánica y diseño de moldes, nos permite aportar soluciones eficientes para los proyectos de iluminación LED, consiguiendo máxima eficiencia y confort visual, permitiendo crear desde cálidos ambientes mindfulness hasta confortables workstations.

Pasando por las diversas aplicaciones técnicas, arquitecturales, comerciales, mobiliario, automoción, aeronáutica.

FR

Le travail constant de R+I+D en ingénierie des matériaux, ajouté à l'ingénierie mécanique et à la conception de moules, nous permet de fournir des solutions efficaces pour les projets d'éclairage à LED, atteignant une efficacité et un confort visuel maximum, permettant la création des environnements de Mindfulness aux postes de travail confortables.

En passant par les différentes applications techniques, architecturales, commerciales, mobilier, automobile, aéronautique.

DE

Die kontinuierliche Arbeit in der Forschung, Entwicklung und Innovation in der Materialtechnik, ergänzt durch Maschinenbau und Formenbau, ermöglicht es uns, effiziente Lösungen für LED-Beleuchtungsprojekte bereitzustellen, so dass maximale Leistungsfähigkeit bei bestem visuellem Komfort erzielt wird und wir dadurch angenehmes Ambiente für die Mindfulness, sowie komfortable.

Workstation schaffen, die in den verschiedensten Bereichen, wie Technik, Architektur, Kommerz, Inneneinrichtung, Automobil und Luftfahrt ihre Anwendung finden.





Curved Profiles & Tubes

PROFILE WIDTH	MINIMUM BENDING RADIUS
Up to 20 mm	250 mm
21-30 mm	300 mm
31-40 mm	300 mm
41-50 mm	350 mm
from 51 mm	from 400 mm

EN

Polinter's range of profiles and curved tubes is an ideal complement for domestic and industrial lighting projects. Our production process allows us to offer the customer a wide range of radius, dimensions, colours and in different combinations of materials.

They are applied in circular luminaires and in installations with different geometries with shapes according to the customer's requirements and also elbows to join straight lines at different angles.

The options of shapes, dimensions, angles, radii, colours and materials and the compatibility with co-extrusion, allow us to respond to any need for diffusion installations.

The use of two types of materials also allows one part to be used as light diffusion and the other opaque to hide the system's electronic components.

FR

La gamme de profilés et de tubes courbés de Polinter est un complément idéal pour les projets d'éclairage domestique et industriel.

Notre processus de production nous permet d'offrir au client une large gamme de rayons, dimensions, couleurs et dans différentes combinaisons de matériaux.

Ils sont appliqués dans des luminaires circulaires et dans des installations avec différentes géométries avec des formes selon les besoins du client et aussi des coudes pour joindre des lignes droites à différents angles.

Les options de formes, dimensions, angles, rayons, couleurs et matériaux et la compatibilité avec la coextrusion, nous permettent de répondre à tous les besoins d'installations de diffusion.

L'utilisation de deux types de matériaux permet également d'utiliser une partie comme diffuseur de lumière et l'autre opaque pour cacher l'électronique du système.

ES

La gama de perfiles y tubos curvos de Polinter es un complemento ideal para proyectos de iluminación doméstica e industrial.

Nuestro proceso de producción permite ofrecer al cliente una amplia gama de radios, dimensiones, anchura, altura, colores y en diferentes combinaciones de materiales.

Tienen aplicación en luminarias circulares y en instalaciones con diferentes geometrías con formas según las necesidades del cliente y también codos para unir líneas rectas en distintos ángulos.

Las opciones de formas, dimensiones, ángulos, radios, color y materiales y la compatibilidad con coextrusión, nos permite responder a cualquier necesidad de instalaciones de difusión.

La utilización de dos tipos de materiales permite, además, emplear una parte como difusión de luz y otra opaca para esconder la electrónica del sistema.

DE

Das Sortiment an Profilen und gebogenen Röhren von Polinter ist eine ideale Ergänzung für Beleuchtungsprojekte im Haushalt und in der Industrie.

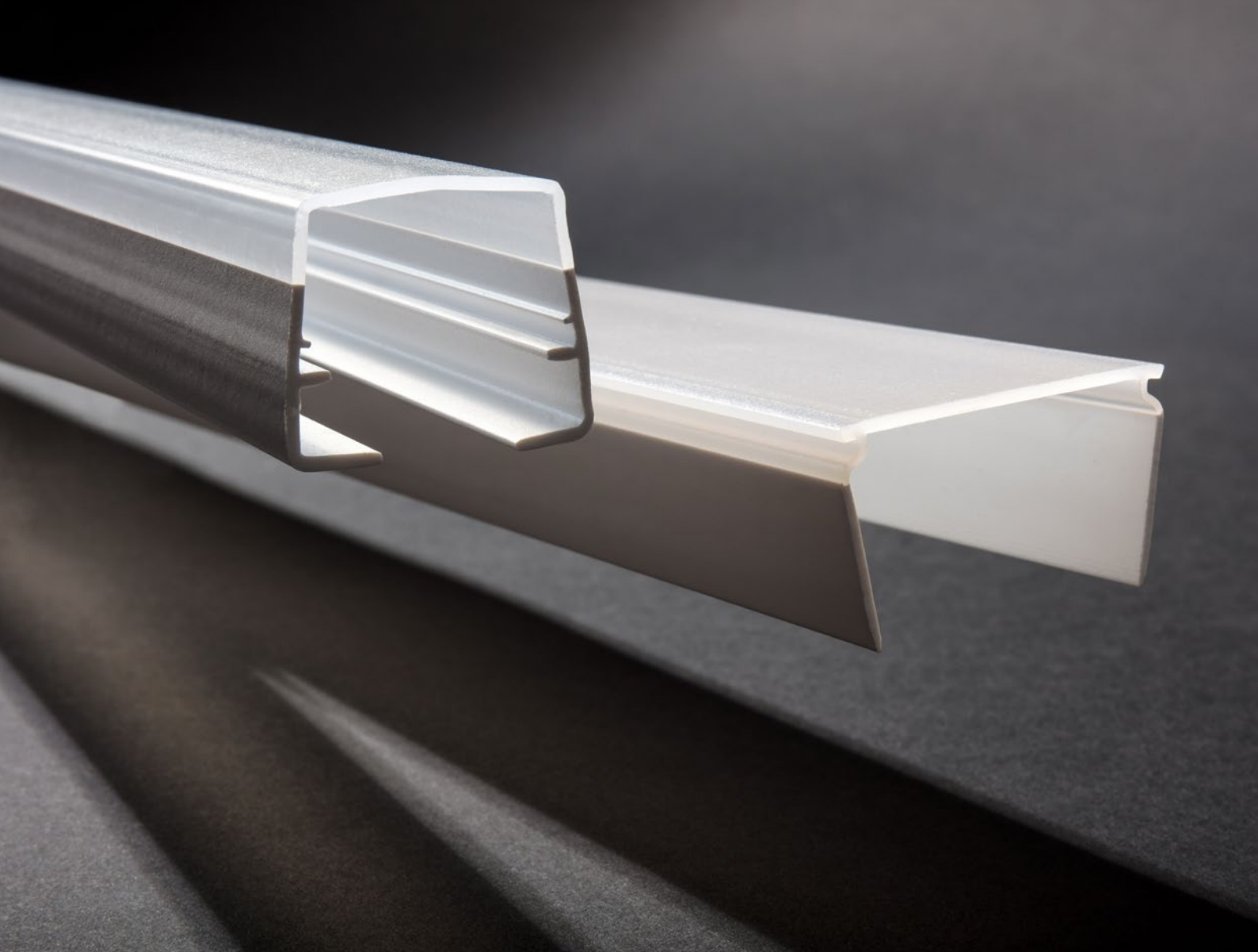
Unser Produktionsprozess ermöglicht es uns, dem Kunden eine große Auswahl an Radien, Breiten, Höhen, Farben und in verschiedenen Materialkombinationen anzubieten.

Sie werden in runden Leuchten und in Installationen mit unterschiedlichen Geometrien eingesetzt, gemäß der Formvorgabe des Kunden. Auch Bögen zum Verbinden gerader Linien mit verschiedenen Winkeln.

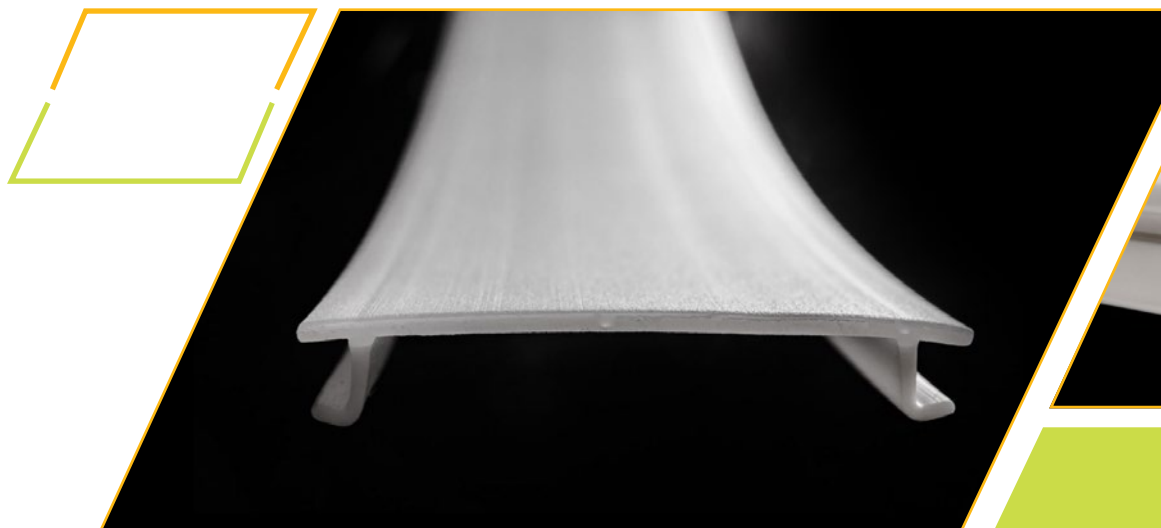
Die Optionen für Formen, Abmessungen, Winkel, Radien, Farben und Materialien sowie die Kompatibilität mit Koextrusion ermöglichen es uns, auf jeden Bedarf an Diffusionsinstallationen zu reagieren.

Die Verwendung von zwei Arten von Materialien ermöglicht auch, dass ein Teil als Lichtstreuung und der undurchsichtige Teil zum verbergen des Elektroniksystems verwendet werden kann.





Co-extruded



EN

Co-extrusion of different reflective materials that improve the performance of the co-extruded luminaire. In different colours for various finishes.

Opaque shades serve as a reflector and to hide electrical mechanisms. The flexible parts allow us to improve the IP degree and facilitate winding possibilities. The special finishes allow us to improve the aesthetics of the luminaire as a whole and control the light output.

○ Combination of transparent areas with diffuser areas to improve the properties of the diffuser. With Softlight the adaptability to curved structures is guaranteed.

○ The range also offers the combination of two rigid materials. Usually, one opaque and one translucent. A part can also be flexible to improve sealing or to fit into other parts.

FR

Coextrusion de différents matériaux réfléchissants qui améliorent les performances du luminaire coextrudé. En différentes couleurs pour différentes finitions.

Les teintes opaques servent de réflecteur et cachent les mécanismes électriques.

Les parties flexibles permettent d'améliorer le degré IP et facilitent les possibilités d'enroulement. Les finitions spéciales permettent d'améliorer l'esthétique du luminaire dans son ensemble et de contrôler le rendement lumineux.

○ Combinaison de zones transparentes avec des zones diffuseurs pour améliorer les propriétés du diffuseur. Avec Softlight, l'adaptabilité aux structures courbes est garantie.

○ La gamme propose également l'association de deux matériaux rigides. Normalement un opaque et un translucide. Une pièce peut également être flexible pour améliorer l'étanchéité ou s'adapter à d'autres pièces.

ES

Coextrusión de diferentes materiales reflectantes que mejoran el rendimiento de la luminaria co-extruida.

En diferentes colores para diversos acabados.

Los tonos opacos sirven como reflector y para ocultar mecanismos eléctricos.

Las partes flexibles permiten mejorar el grado IP y facilitar posibilidades de bobinado.

Los acabados especiales permiten mejorar la estética del conjunto de la luminaria y controlar la salida de la luz.

○ Combinación de zonas transparentes con zonas diffuser para conseguir mejorar las propiedades del difusor.

Con Softlight la adaptabilidad a estructuras curvas está garantizada.

○ La gama ofrece también la combinación de dos materiales rígidos.

Normalmente uno opaco y otro traslucido. También una parte puede ser flexible para mejorar estanqueidad o encaje en otras piezas.

DE

Die Koextrusion von verschiedenen reflektierenden Materialien, so dass die Leuchtleistung verbessert wird. Erhältlich in unterschiedlichen Farben mit diverser Finish. Die deckenden Töne reflektieren und verbergen gleichzeitig die elektrischen Anlagen.

Die flexiblen Teile ermöglichen eine Verbesserung des IP-Grades und erleichtern die Wicklung. Die speziellen Oberflächen ermöglichen es, die Ästhetik der Leuchte als Ganzes zu verbessern und die Lichtleistung zu steuern.

○ Kombination von transparenten und diffusen Bereichen, zur Verbesserung der Eigenschaften des Diffusors. Bei Softlight ist die Anpassungsfähigkeit an geschwungene Strukturen gewährleistet.

○ Das Sortiment bietet auch die Kombination zweier starrer Materialien. Normalerweise ein undurchsichtiges und ein durchsichtiges. Zum Anpassen an andere Elemente oder zur Verbesserung der Dichtheit kann ein Teil der Struktur flexibel bleiben.





Rolls



EN

With the new boxes for diffusers in rolls, we managed to minimize waste, achieving greater sustainability. Especially indicated for large lines of light without cuts, or problems with linear expansion.

FR

Avec les nouvelles boîtes pour diffuseurs en rouleaux, nous avons réussi à minimiser les déchets, en obtenant une plus grande durabilité.

Particulièrement indiqué pour les grandes lignes de lumière sans coupures ou problèmes d'expansion linéaire.

ES

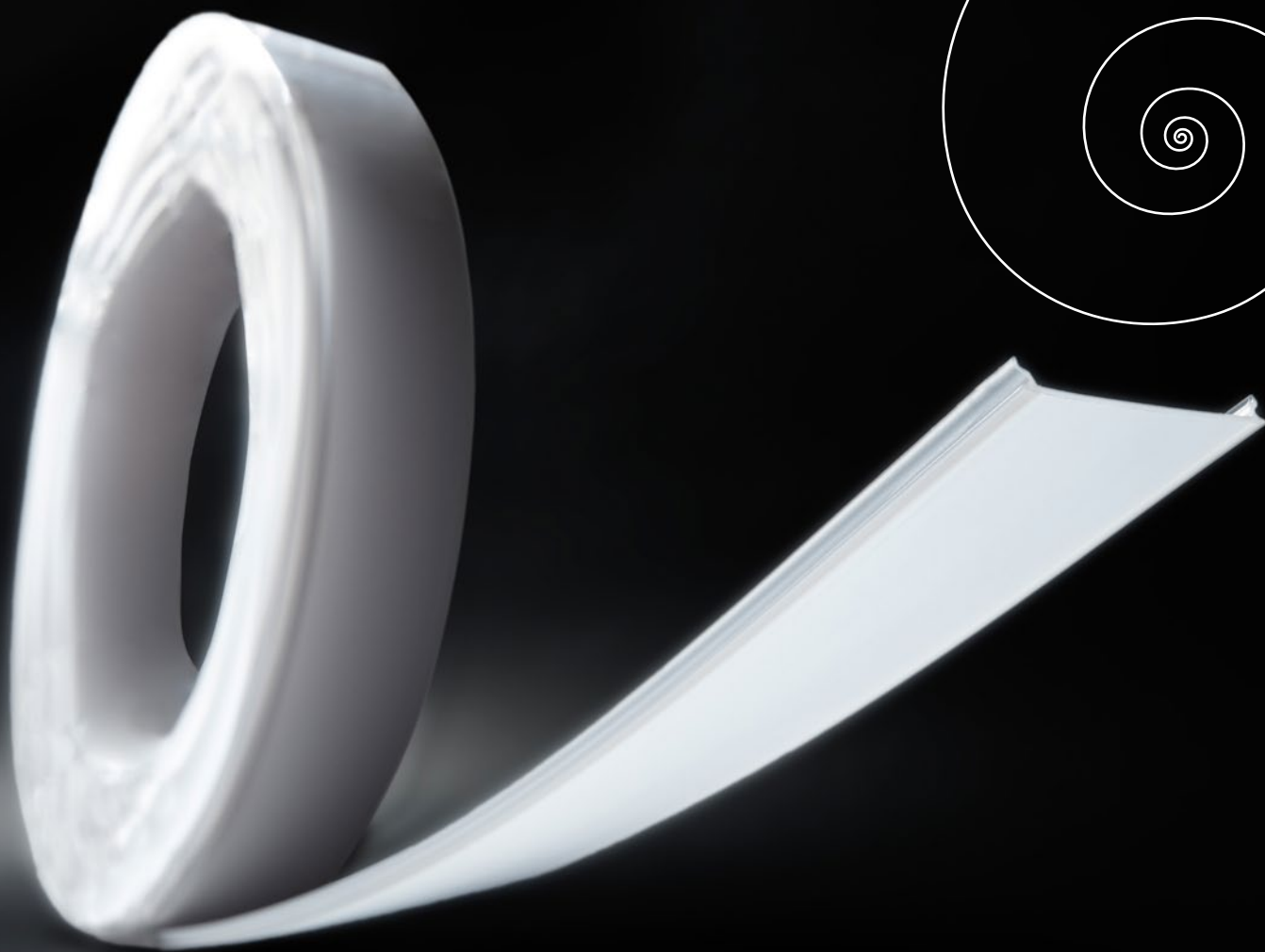
Con las nuevas cajas para difusores en rollos, conseguimos minimizar las mermas consiguiendo una mayor sostenibilidad.

Especialmente indicados para grandes líneas de luz sin cortes, ni problemas con las dilataciones lineales.

DE

Mit den neuen Boxen für gerollte Diffusoren ist es uns gelungen, Abfall zu minimieren und mehr Nachhaltigkeit zu erreichen.

Besonders geeignet für große Lichtlinien ohne Schnitte oder Probleme mit linearer Ausdehnung.





Micro prisms

EN

Our range of plastic profiles for lighting presents different options of prisms adapted to high-rise luminaires, commonly used in large-volume industrial buildings.

Normally, they have a 120 degree opening, but Polinter, S.A. It also offers 30, 60 and 90 degree options that, depending on the dimensions of the space, allow the light beam to be optimally adjusted for correct lighting, with greater or lesser concentration at a specific point.

► They achieve maximum performance and less glare. The needs and demands are different for smaller offices and commercial premises.

► Our prisms aim to achieve maximum visual comfort and less fatigue by preventing the light from the LED from dazzling. All this in accordance with the mandatory compliance with the European standard UGR <19.

ES

Nuestra gama de perfiles plásticos para iluminación presenta diferentes opciones de prismas adaptados a luminarias de gran altura, utilizadas habitualmente en naves industriales de gran volumen.

De forma habitual, tienen una abertura de 120 grados, pero Polinter, S.A. también ofrece opciones de 30, 60 y 90 grados que, en función de las dimensiones del espacio, permiten ajustar de forma óptima el haz de luz para una correcta iluminación, con mayor o menor concentración en un punto concreto.

► Consiguen máximo rendimiento y menor deslumbramiento.

Las necesidades y exigencias son distintas para oficinas y locales comerciales de menores dimensiones.

► Nuestros prismas tienen como objetivo conseguir el máximo confort visual y la menor fatiga evitando que la luz de los LED no deslumbre.

Todo ello de acuerdo con el cumplimiento obligatorio de la norma europea UGR <19.



FR

Notre gamme de profils plastiques pour l'éclairage propose différentes options de prismes adaptées aux luminaires grande hauteur, couramment utilisés dans les bâtiments industriels de grand volume.

Ils présentent généralement un angle d'ouverture de 120°, mais Polinter, S.A. propose également des options à 30°, 60° et 90° qui, selon les dimensions de l'espace, permettent d'ajuster de manière optimale le faisceau lumineux afin d'assurer un éclairage correct, avec une concentration plus ou moins marquée en un point donné.

► Ils garantissent un rendement maximal et une réduction de l'éblouissement. Les besoins et exigences sont différents pour les bureaux de plus petite taille et les locaux commerciaux.

► Nos prismes sont conçus pour offrir un confort visuel maximal et réduire la fatigue visuelle en évitant l'éblouissement direct des LED. Le tout conformément au respect obligatoire de la norme européenne UGR < 19.

DE

Unsere Produktpalette an Kunststoffprofilen für Leuchten bietet verschiedene Optionen von Prismen, angepasst an hohen Leuchten, die üblicherweise in großen Industriehallen verwendet werden.

Normalerweise haben sie eine Öffnung von 120 Grad, aber Polinter, S.A. bietet auch 30-, 60- und 90-Grad-Optionen an, die je nach Größe des Raums eine optimale Anpassung des Lichtstrahls für die richtige Beleuchtung mit mehr oder weniger Konzentration auf einen bestimmten Punkt ermöglichen.

► Sie erzielen maximale Leistung und weniger Blendung. Bei kleineren Büros und Geschäftsräumen sind die Bedürfnisse und Anforderungen unterschiedlich.

► Unsere Prismen zielen auf maximalen Sehkomfort und geringste Ermüdung ab, indem sie verhindern, dass das Licht der LED blendet. All dies in Übereinstimmung mit der obligatorischen Einhaltung der europäischen Norm UGR < 19.

Technical specifications:

POLYCARBONATE CLEAR UV Protected
POLYCARBONATE DIFFUSER UV Protected

Thickness:	1,5 mm
Transmission:	88-90 %
Width:	up to 80 mm
Length:	by demand
GWT:	850°C for the transparent
Degree UL:	HB (also available VO)

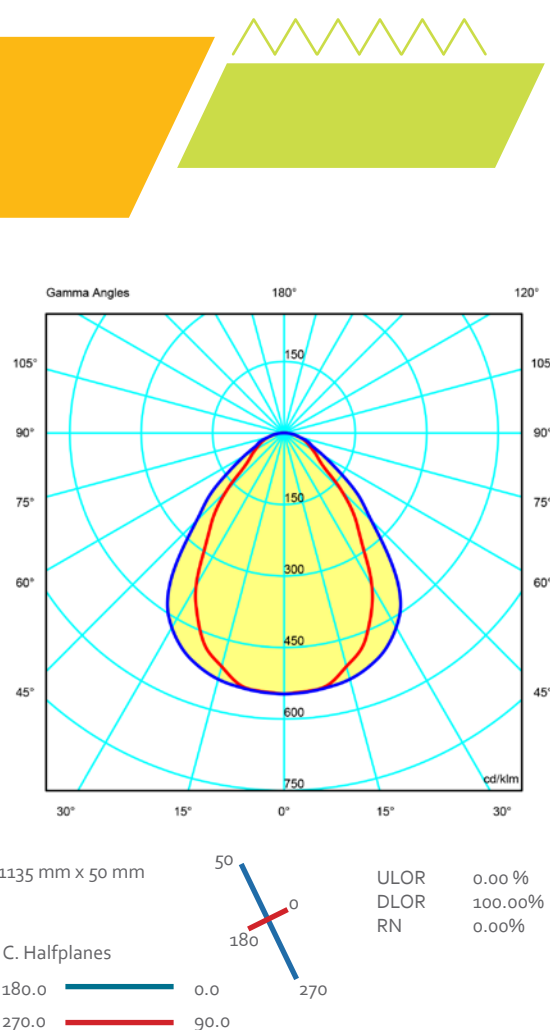
POLINTERPRISM is designed for high quality luminaires demanding a high light transmission with an excellent light diffusion.

The aspect is homogeneous with the light on and off. THE POLINTERPRISM technology It's been developed for our customer's bespoke products.

Applications:

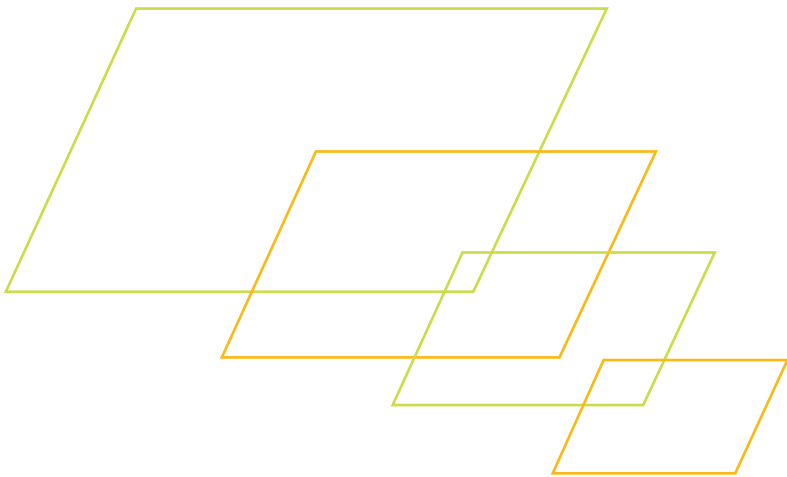
LED luminaires requiring high visual comfort and homogeneous look.

Working stations where UGR<19 is needed also with high light transmission.





Optics



EN

Our range of plastic profiles for lighting offers a variety of lens options adapted to high-rise luminaires, commonly used in large volume industrial buildings.

Polinter, S.A. It also offers options with different opening angles to adapt the profile to the client's needs depending on the dimensions of the space, to optimally adjust the light beam for correct lighting, with greater or lesser concentration in a specific point.

They achieve maximum performance and less visual fatigue. The needs and demands are different for smaller offices and commercial premises.

They are also applied in supermarket shelves bathed in vertical surfaces by "Bat Wing".

ES

Nuestra gama de perfiles plásticos para iluminación presenta diferentes opciones de lentes adaptados a luminarias de gran altura, utilizadas habitualmente en naves industriales de gran volumen.

Polinter, S.A. también ofrece opciones con distintos ángulos de apertura para adaptar el perfil a las necesidades del cliente en función de las dimensiones del espacio, para ajustar de forma óptima el haz de luz para una correcta iluminación, con mayor o menor concentración en un punto concreto.

Consiguen máximo rendimiento y menor fatiga visual. Las necesidades y exigencias son distintas para oficinas y locales comerciales de menores dimensiones.

Se aplican también en lineales de supermercado Bat wing bañados de paramentos verticales.



FR

Notre gamme de profilés plastiques pour l'éclairage présente différentes options de lentilles adaptées aux luminaires de grande hauteur, couramment utilisés dans les bâtiments industriels à grand volume.

Polinter, S.A. Il offre également des options avec différents angles d'ouverture pour adapter le profil aux besoins du client en fonction des dimensions de l'espace, pour ajuster de manière optimale le faisceau lumineux pour un éclairage correct, avec une concentration plus ou moins grande en un point spécifique.

Ils atteignent des performances maximales et moins de fatigue visuelle. Les besoins et les demandes sont différents pour les petits bureaux et les locaux commerciaux.

Ils sont également appliqués dans les rayons des supermarchés Bat Wing baignés de parois verticales.

DE

Unser Sortiment an Kunststoffprofilen für die Beleuchtung bietet verschiedene Linsenoptionen, die für hohe Leuchten geeignet sind, wie sie üblicherweise in großen Industriehallen verwendet werden.

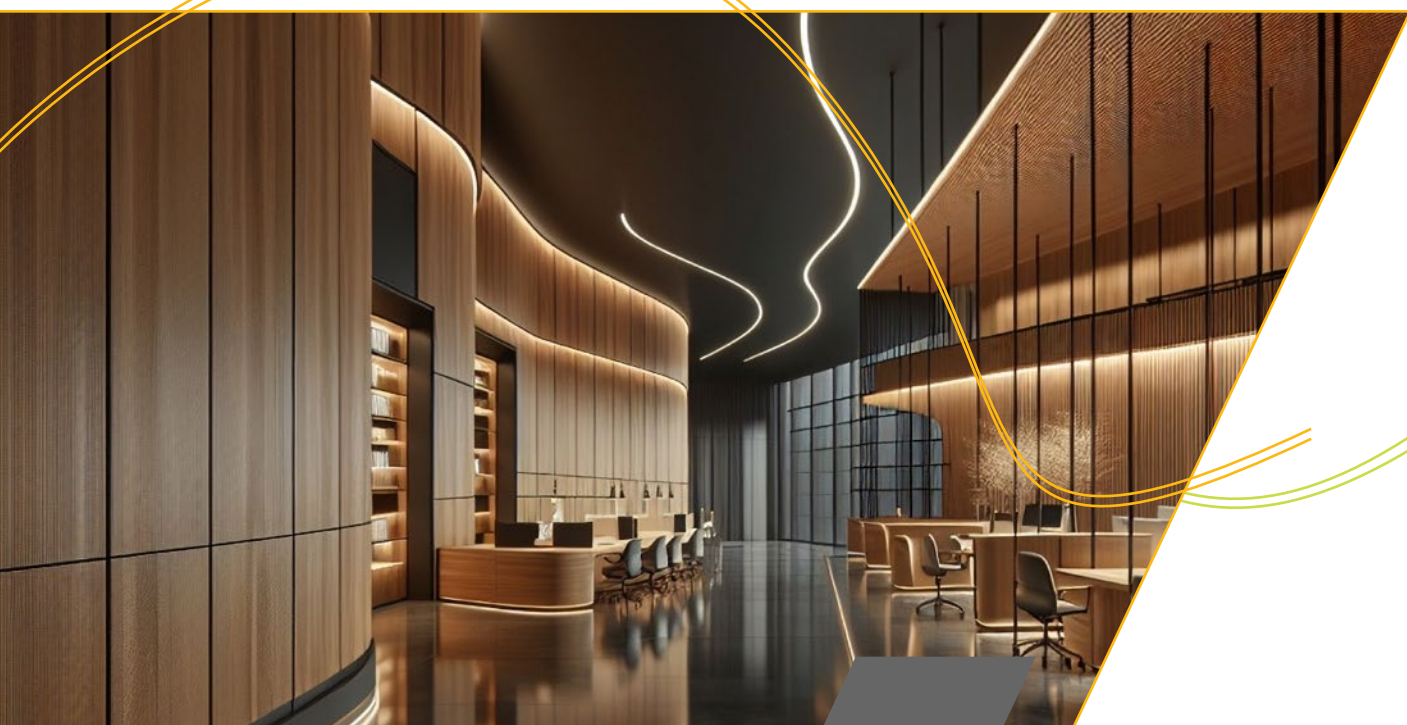
Polinter, S.A. bietet auch Optionen mit unterschiedlichen Öffnungswinkeln, um das Profil je nach Größe des Raums an die Bedürfnisse des Kunden anzupassen, um den Lichtstrahl optimal für die richtige Beleuchtung mit mehr oder weniger Konzentration auf einen bestimmten Punkt einzustellen.

Sie erzielen maximale Leistung und weniger visuelle Ermüdung. Bei kleineren Büros und Geschäftsräumen sind die Bedürfnisse und Anforderungen unterschiedlich.

Sie werden auch bei Bat wing Supermarktregele und vertikalen Wandverkleidungen verwendet.



Soft Light



EN

Polinter's Softlight range consists of a wide variety of flexible profiles to contour and embellish any type of surface.

They are ideal for decoration and complementary lighting in commercial premises, especially for retail, different types of furniture and exhibitors for small and large dimensions.

These are decorative elements of reduced size and are made of materials that resist high temperatures and favor heat dissipation, which allows them to be installed in all types of locations and different types of furniture. Wide range of colours and materials adapted to the needs of architectural and ornamental projects.

Various finishes to create the desired environment and availability of fire resistant materials or to comply with any regulations.

FR

La gamme Softlight de Polinter est composée d'une grande variété de profils flexibles pour modeler et embellir tout type de surface.

Ils sont idéaux pour la décoration et l'éclairage complémentaire des locaux commerciaux, en particulier pour le commerce de détail, les différents types de mobilier et les exposants pour les petites et grandes dimensions.

Ce sont des éléments décoratifs de taille réduite et sont fabriqués avec des matériaux qui résistent aux avantages et favorisent la dissipation de la chaleur, ce qui leur permet d'être installés dans tous les types d'endroits et différents types de mobilier.

Grande variété de couleurs et de matériaux adaptés aux besoins des projets architecturaux et ornementaux.

Diverses finitions pour créer l'environnement souhaité et la disponibilité de matériaux ignifuges ou pour se conformer à toute réglementation.

Matériaux 100% recyclables et qui peuvent contenir matériel recyclé

ES

La gama Softlight de Polinter está formada por una amplia variedad de perfiles flexibles para contornear y embellecer cualquier tipo de superficie.

Son ideales para decoración e iluminación complementaria para locales comerciales, especialmente para retail, distintos tipos de muebles y expositores para pequeñas y grandes dimensiones.

Se trata de elementos de decoración de tamaño reducido y están fabricados en materiales que resisten altas prestaciones y favorecen la disipación del calor lo que permite su instalación en todo tipo de emplazamientos y distintos mobiliarios.

Amplia variedad de colores y materiales adaptados a las necesidades de proyectos arquitecturales y ornamentales.

Diversos acabados para crear el ambiente deseado y disponibilidad en materiales ignífugos o para cumplir cualquier normativa.

Materiales 100% reciclables y pueden contener material reciclado

DE

Das Softlight-Sortiment von Polinter besteht aus einer Vielzahl flexibler Profile, um jede Art von Oberfläche zu konturieren und zu verschönern.

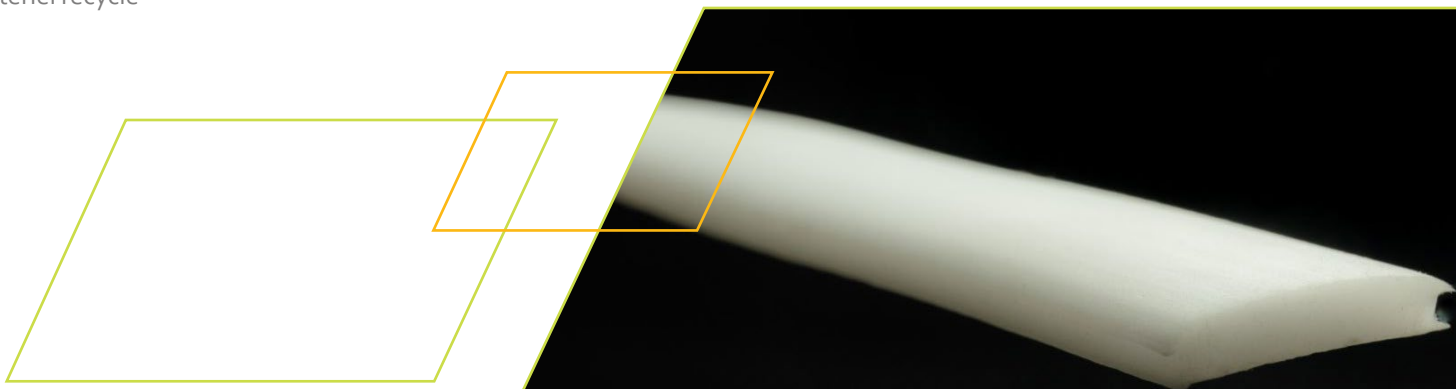
Sie sind ideal für die Dekoration und ergänzende Beleuchtung von Geschäftsräumen, insbesondere für den Einzelhandel, verschiedene Arten von Möbeln und Ausstellern für kleine und große Dimensionen.

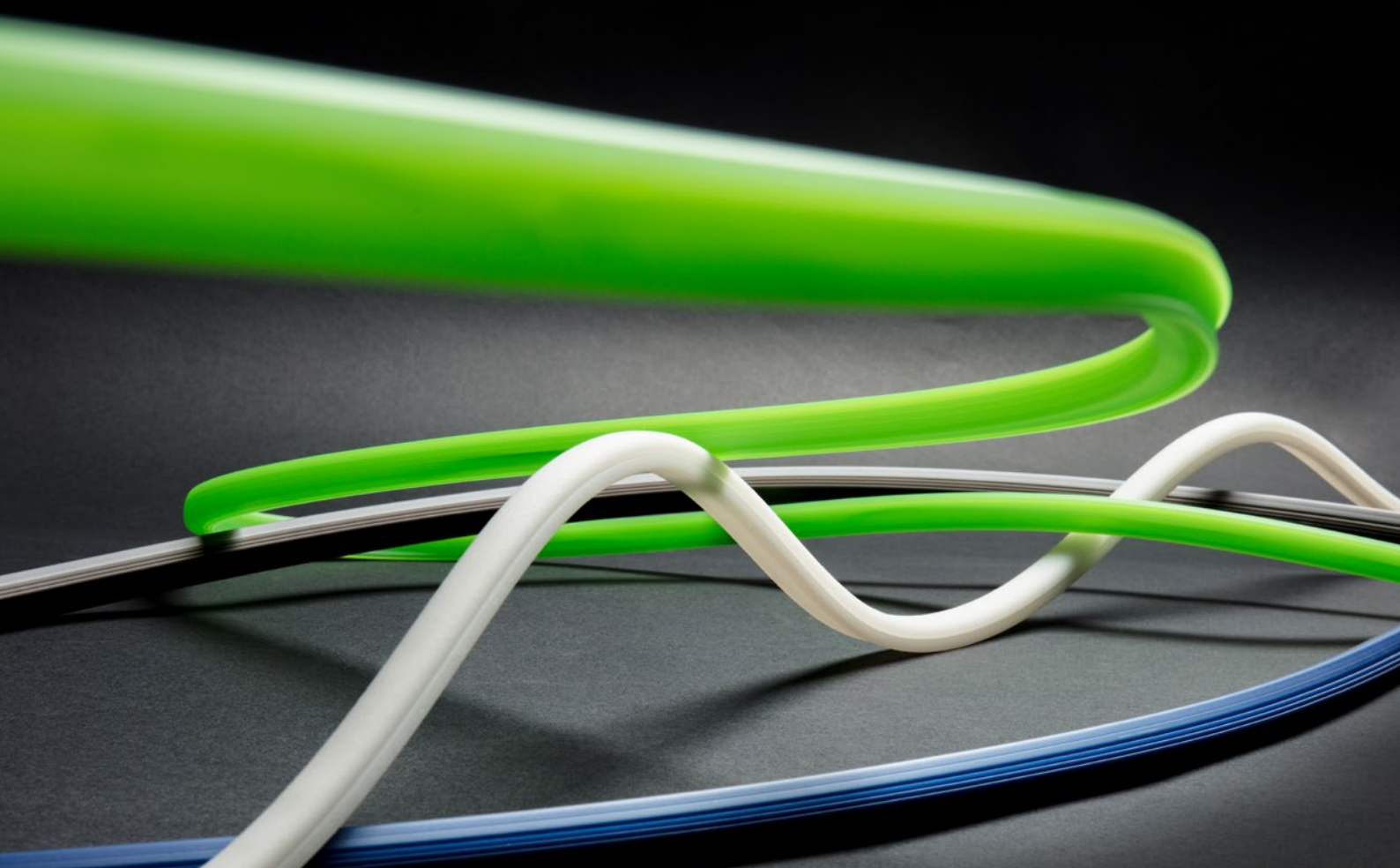
Dies sind dekorative Elemente mit reduzierter Größe und aus Materialien, die hohen vorteil standhalten und die Wärmeableitung begünstigen, wodurch sie an beliebigen Orten und bei unterschiedlichsten Möbeln eingesetzt werden können.

Große Auswahl an Farben und Materialien, angepasst an die Bedürfnisse von Architektur- und Dekorationsprojekten.

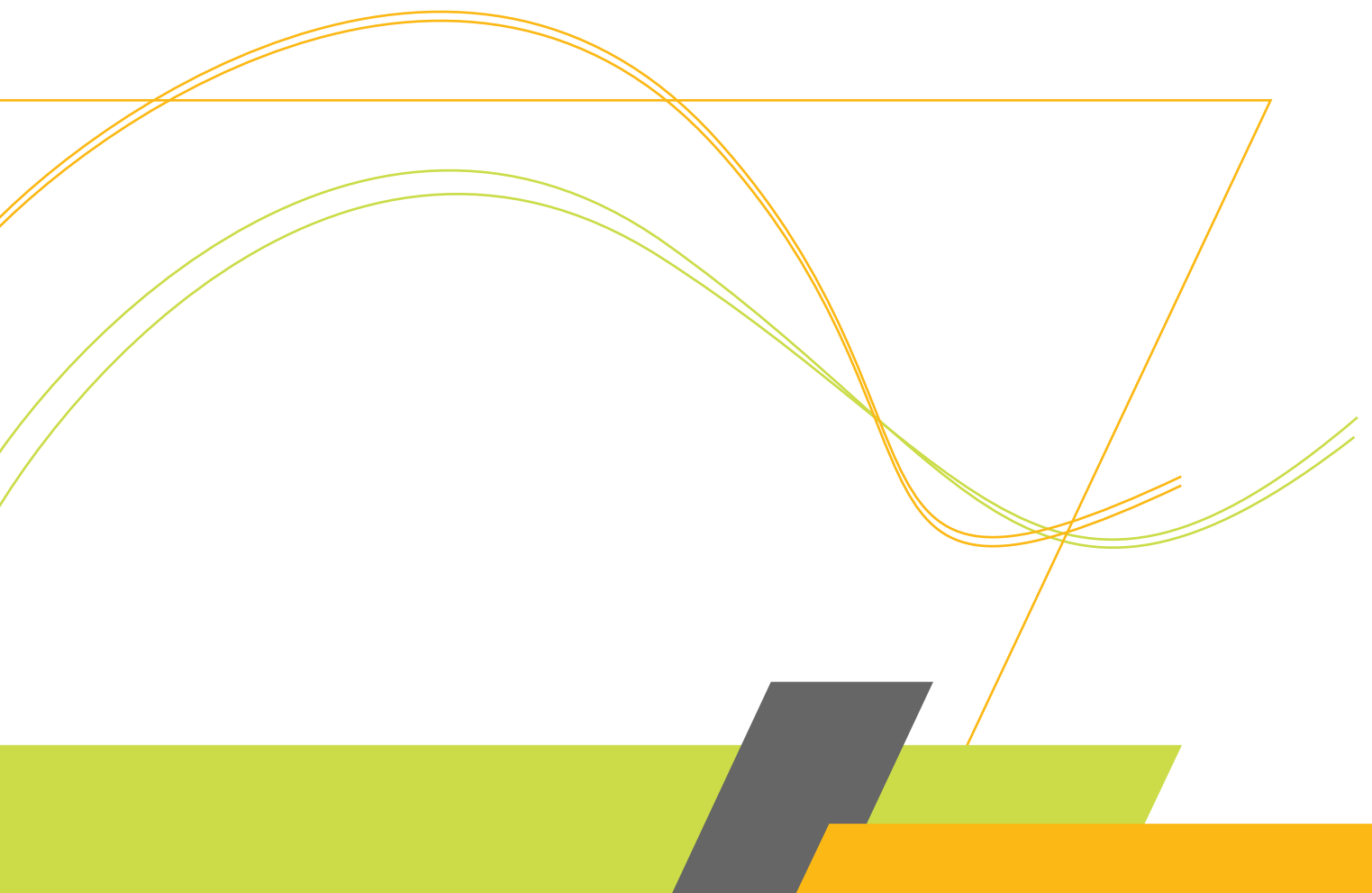
Verschiedene Ausführungen zur Schaffung der gewünschten Umgebung und Verfügbarkeit von feuerfesten Materialien oder zur Einhaltung jeglicher Vorschriften.

100 % recycelbare Materialien und können recyceltes Material enthalten

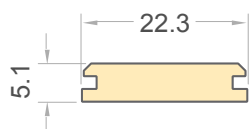




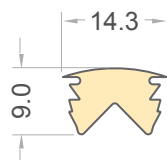
Soft Profiles



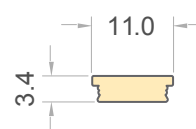
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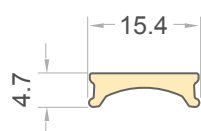
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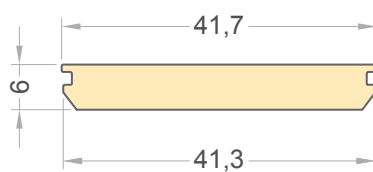
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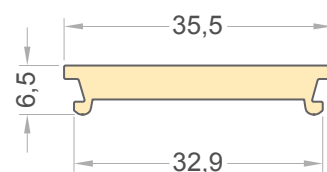
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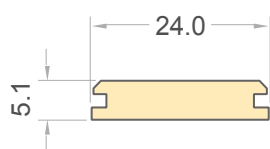
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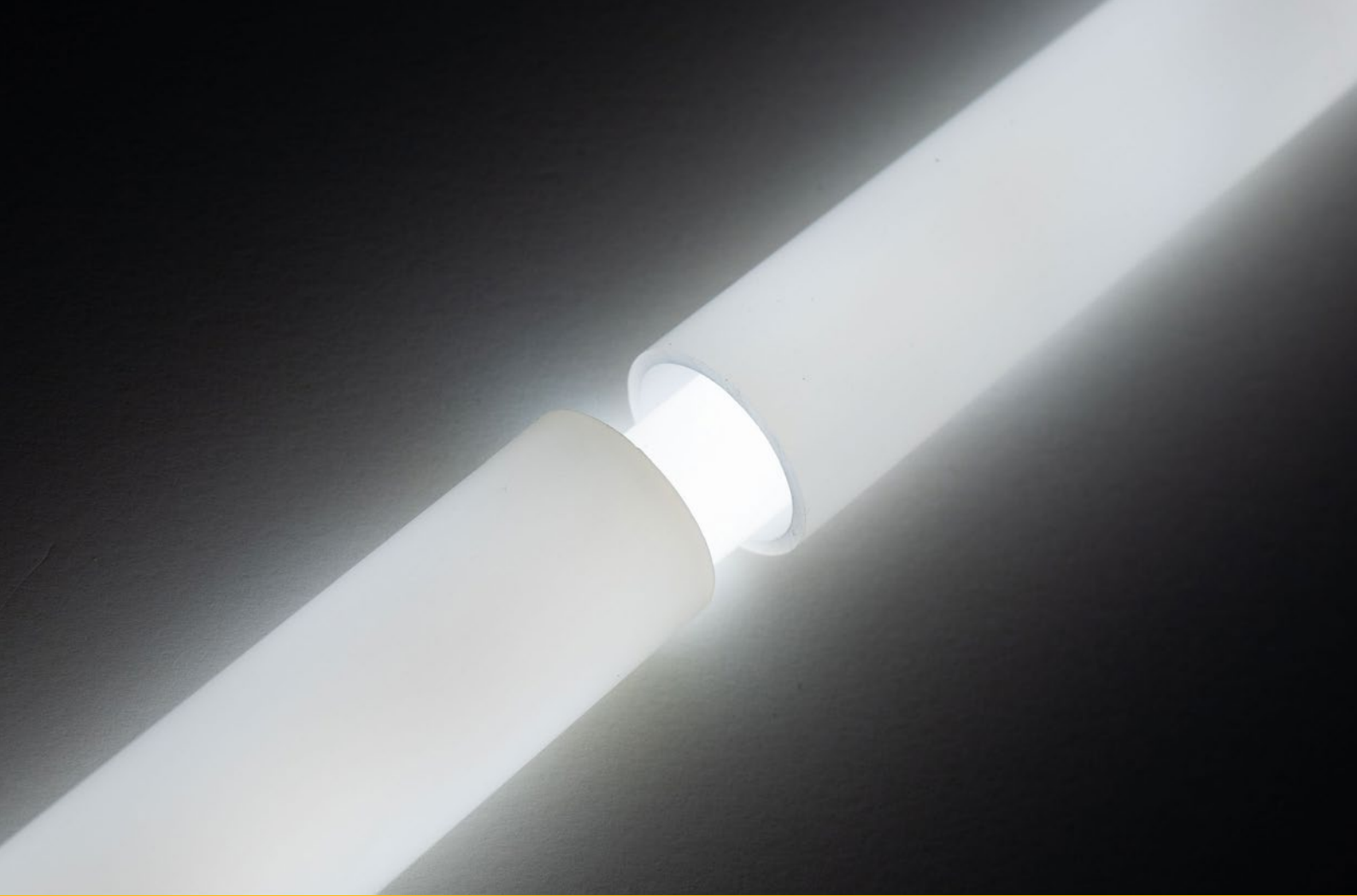


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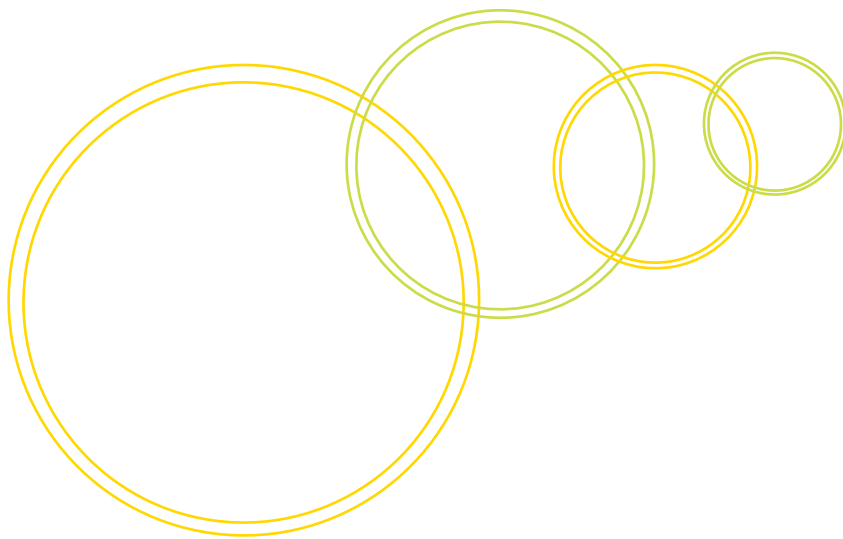


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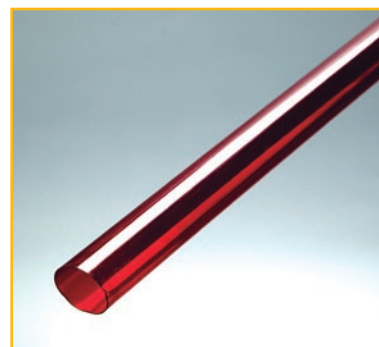
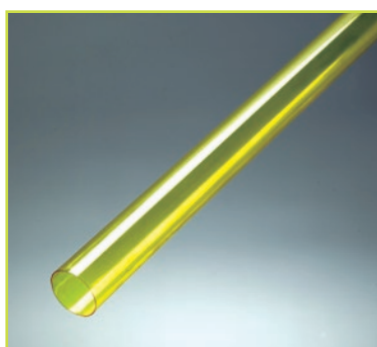
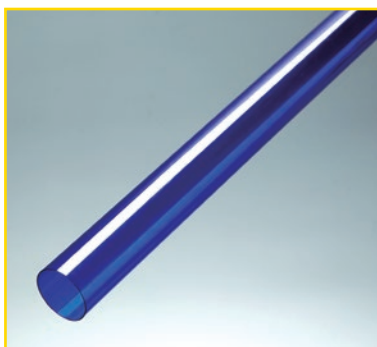
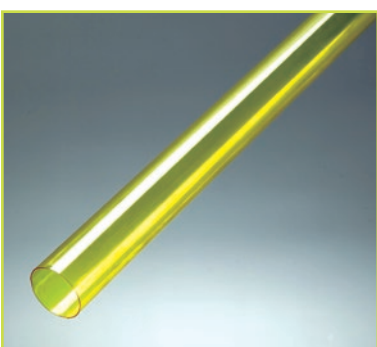
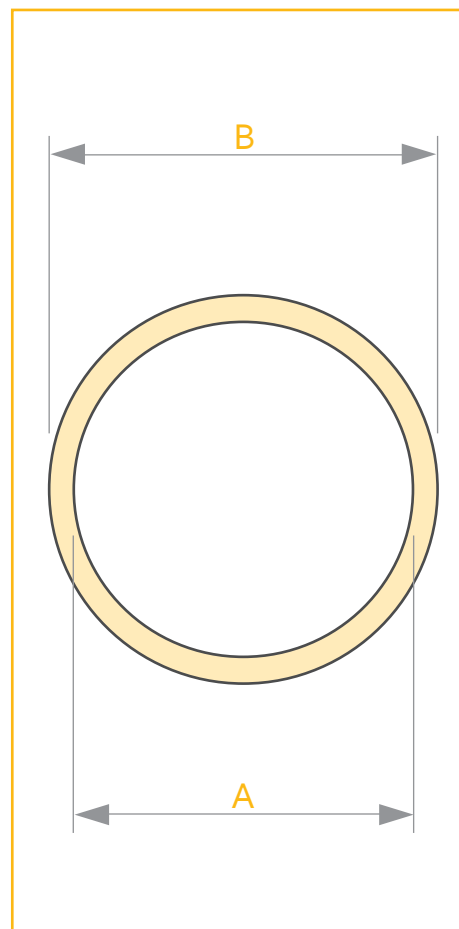




Tubes



A B	A B
T 04 x 8	T 30 x 32
T 04,6 x 5,6	T 30,2 x 31,2
T 05,2 x 7	T 33 x 35
T 06 x 08	T 35 x 38
T 06 x 10	T 35 x 40
T 07,5 x 11	T 36 x 38
T 12,8 x 16,8	T 36 x 40
T 16,2 x 16,8	T 36,4 x 39,5
T 17,5 x 19	T 37 x 40
T 17 x 17,8	T 37,5 x 40,3
T 17,7 x 22,2	T 38 x 40,8
T 18 x 20	T 38,5 x 39,5
T 19 x 20,5	T 38,7 x 40,3
T 19,5 x 20,5	T 39 x 41
T 20,6 x 21,6	T 39 x 44
T 20,8 x 21,6	T 39,2 x 40,2
T 21 x 24	T 41 x 48
T 21,5 x 22,5	T 45 x 48
T 22 x 24	T 45,5 x 50,5
T 23 x 25	T 46 x 50
T 26,4 x 27	T 47 x 50
T 27 x 28	T 50 x 51,3
T 27 x 30	T 75,3 x 77
T 27,1 x 28,5	T 75,3 x 77,5
T 27,7 x 28,7	T 75,5 x 77,8
T 28 x 31	T 75,8 x 78,2
T 28 x 33	T 86 x 90
T 29 x 31	T 96 x 100
T 29 x 32	





Diffusers and LED profiles



EN

Our diffusers give a quality guarantee to the final product of any manufacturer.

We provide the perfect finish for a wide range of lighting solutions with which to improve the original quality of a product.

With applications in linear, architectural, commercial, industrial, decorative and waterproof luminaires. With a high transmission, we adapt the diffusion capacity to each customer's lighting project to achieve the best combination between them.

□ The seven different levels of diffusion allow us to adjust the needs of each luminaire, achieving a balance between efficiency and visual comfort.

□ Mats, brights, diffusers, colours, Night & Day finishes, to create the desired environment.

□ Available in fire resistant materials or to comply with any regulations. Development of electrified rail profiles with integrated conductors for complete lighting systems.

FR

Nos diffuseurs donnent une garantie de qualité au produit final de tout fabricant.

Nous offrons une finition parfaite pour une large gamme de solutions d'éclairage permettant d'améliorer la qualité d'origine d'un produit.

Avec des applications dans les luminaires linéaires, architecturaux, commerciaux, industriels, décoratifs et étanches.

Avec une transmittance élevée, nous ajustons la capacité de diffusion au projet de luminaire de chaque client pour obtenir la meilleure combinaison entre eux.

□ Les différents degrés de diffusion nous permettent d'ajuster les besoins de chaque luminaire, en obtenant un équilibre entre efficacité et confort visuel.

□ Mat, brillant, diffuseurs, couleurs, finitions Night & Day, pour créer l'ambiance souhaitée.

□ Disponibilité en matériaux ignifuges ou pour accomplir avec toute réglementation.

Possibilité de faire des rails électrifiés.

ES

Nuestros difusores dan una garantía de calidad al producto final de cualquier fabricante.

Ofrecemos un perfecto acabado para una amplia gama de soluciones de iluminación con la que mejorar la calidad en origen de un producto.

Con aplicaciones en luminarias lineales, arquitecturales, comerciales, industriales, decorativas y estancas.

Con una elevada transmitancia, ajustamos la capacidad de difusión al proyecto de luminaria de cada cliente para conseguir la mejor combinación entre ellas.

□ Los diferentes grados de difusión nos permiten ajustar las necesidades de cada luminaria consiguiendo encontrar el equilibrio entre eficiencia y confort visual.

□ Acabados mate y brillo, difusores opales y técnicos, colores, Night & Day, para crear el ambiente deseado.

□ Disponibilidad en materiales ignífugos o para cumplir cualquier normativa.

DE

Unsere Diffusoren garantieren dem Endprodukt eines jeden Herstellers einen qualitativen Mehrwert.

Wir bieten ein perfektes Finish für eine Vielzahl von Beleuchtungslösungen, mit denen die ursprüngliche Qualität eines Produkts verbessert wird.

Mit Anwendungen in linearen, architektonischen, kommerziellen, industriellen, dekorativen und wasserdichten Leuchten.

Mit einer hohen Durchlässigkeit passen wir die Diffusionskapazität an das Kundenprojekt an, um die beste Kombination der Leuchten zu erreichen.

□ Mithilfe der verschiedenen Streuungsgrade können wir die Eigenschaften jeder Leuchte anpassen, um ein ausgewogenes Verhältnis zwischen Effizienz und Sehkomfort zu finden.

□ Matt, glänzend, diffusers, colors, Night & Day, Oberflächen, um das gewünschte Ambiente zu schaffen.

□ Verfügbarkeit in feuerfesten Materialien oder zur Einhaltung aller Vorschriften.

Möglichkeit der Herstellung stromführender Schienen.

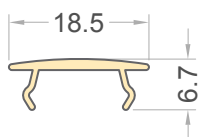




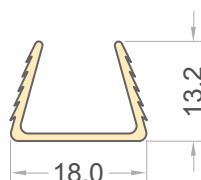
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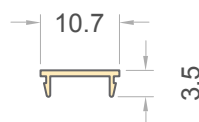
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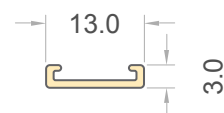
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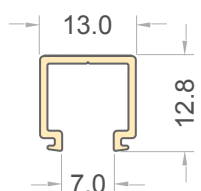
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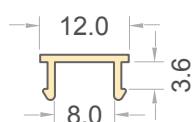
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Ref. 4320m



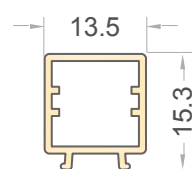
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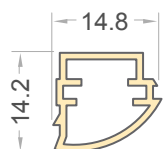
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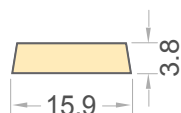
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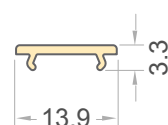
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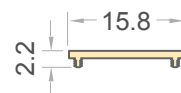
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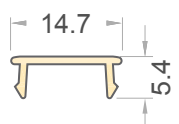
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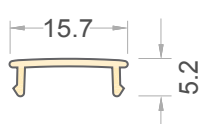
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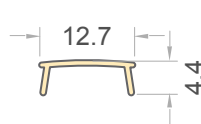
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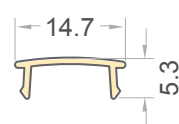
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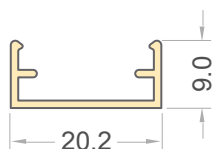
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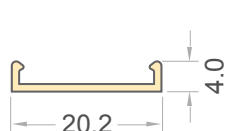
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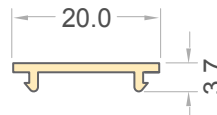
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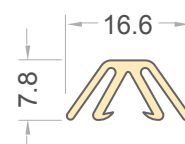
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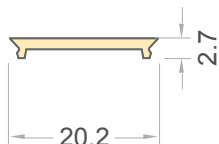
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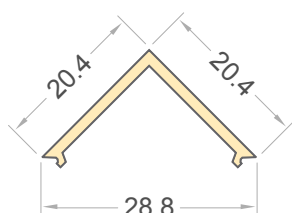
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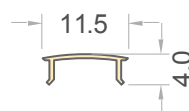
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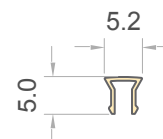
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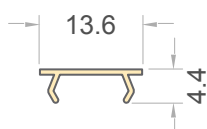
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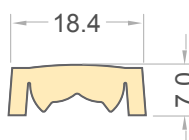
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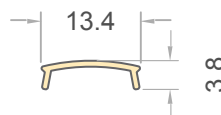
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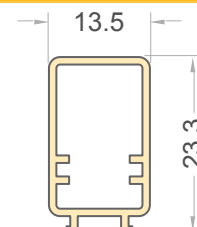
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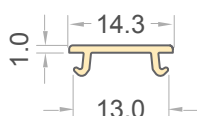
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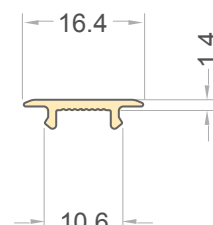
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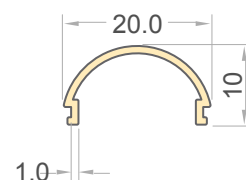
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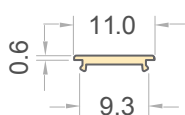
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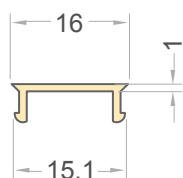
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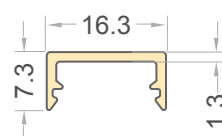
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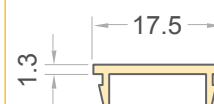
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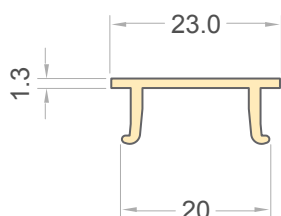
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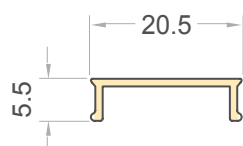
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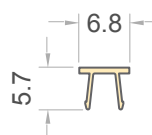
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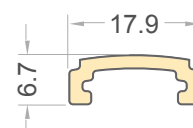
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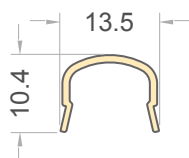
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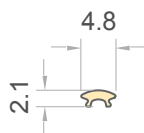
0-20 mm

Scale 1:1

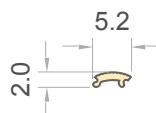
Ref. 5680



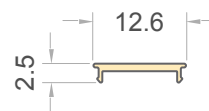
Ref. 5682



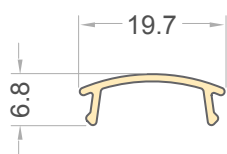
Ref. 5683



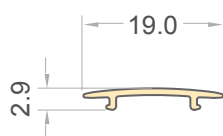
Ref. 5695



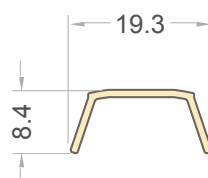
Ref. 5706



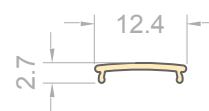
Ref. 5713



Ref. 5714



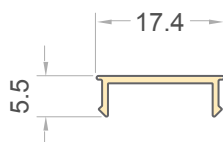
Ref. 5733



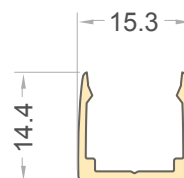
Ref. 5741



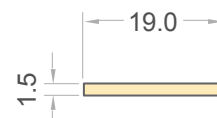
Ref. 5745



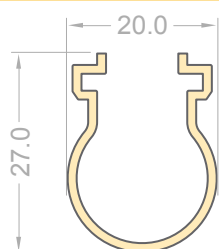
Ref. 5753



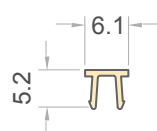
Ref. 5756



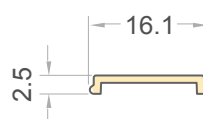
Ref. 5765



Ref. 5766



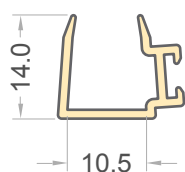
Ref. 5770



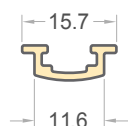
Ref. 5785



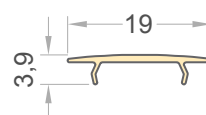
Ref. 5819



Ref. 5843



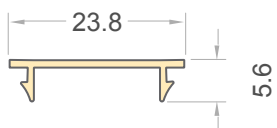
Ref. 5918



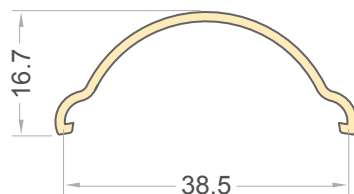
Scale 1:1

20-40 mm

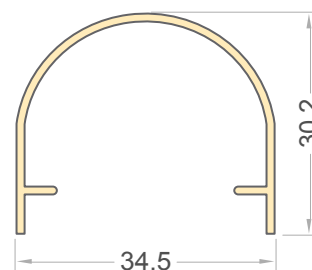
Ref. 3337



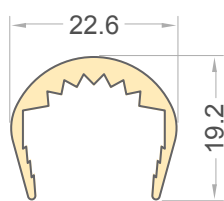
Ref. 3485



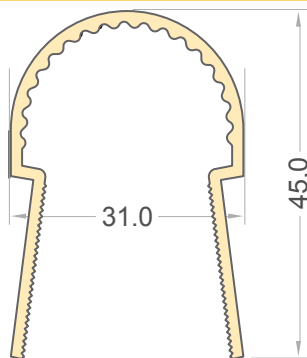
Ref. 3581-35



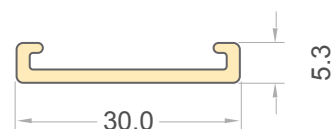
Ref. 3797H



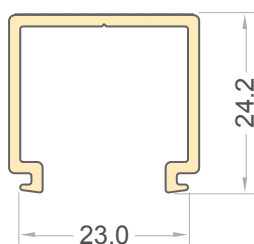
Ref. 3832M



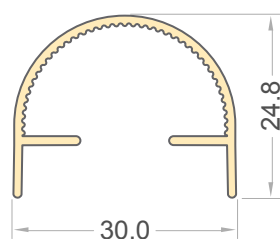
Ref. 4322H



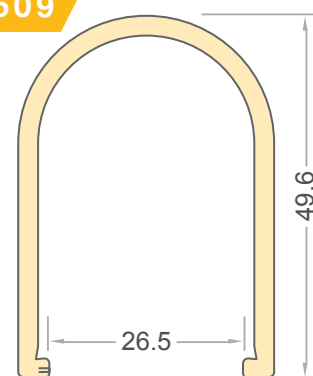
Ref. 4322M



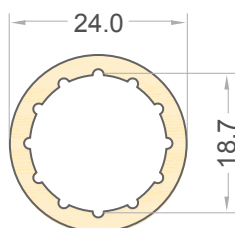
Ref. 4843



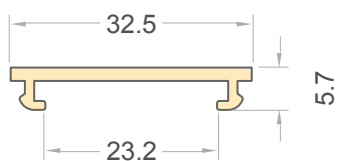
Ref. 4609



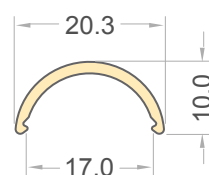
Ref. 4964



Ref. 5057



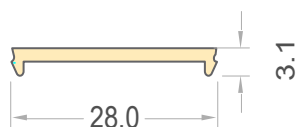
Ref. 5146



20-40 mm

Scale 1:1

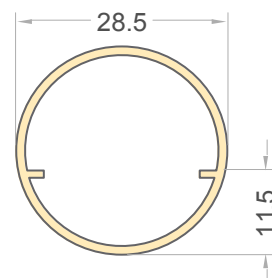
Ref. 5181



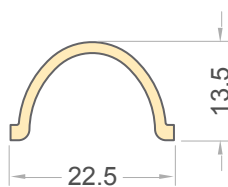
Ref. 5287



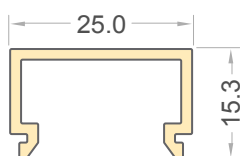
Ref. 5295



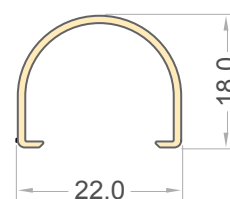
Ref. 5307



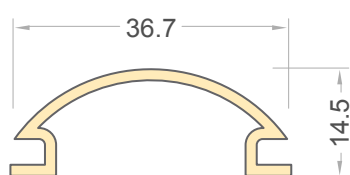
Ref. 5327



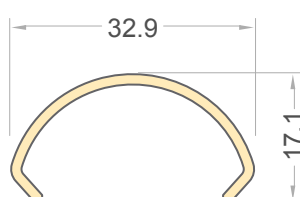
Ref. 5328



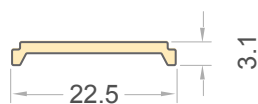
Ref. 5330



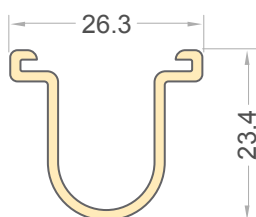
Ref. 5338



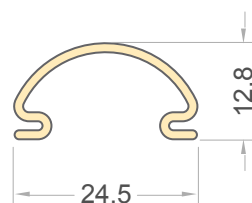
Ref. 5380



Ref. 5385



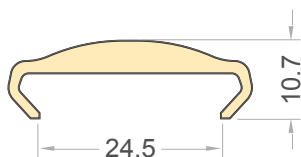
Ref. 5387



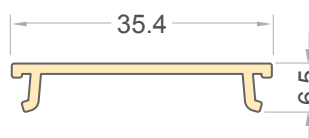
Scale 1:1

20-40 mm

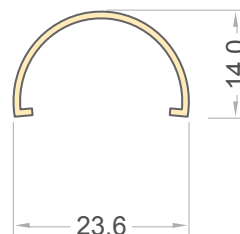
Ref. 5390



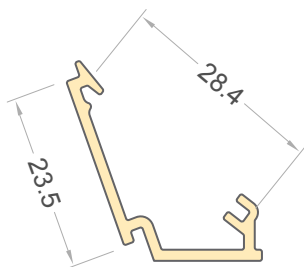
Ref. 5398



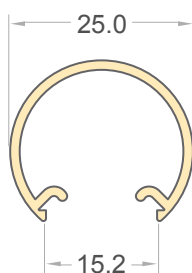
Ref. 5400



Ref. 5412



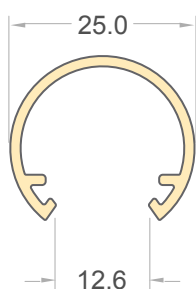
Ref. 5418



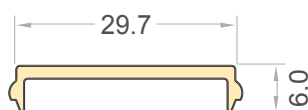
Ref. 5424



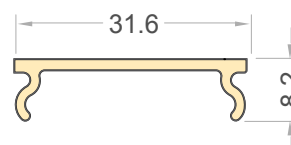
Ref. 5425



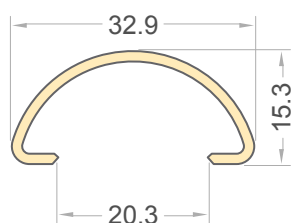
Ref. 5451



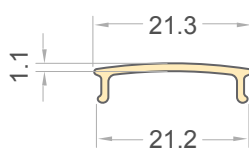
Ref. 5487



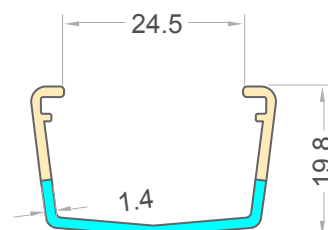
Ref. 5494



Ref. 5520



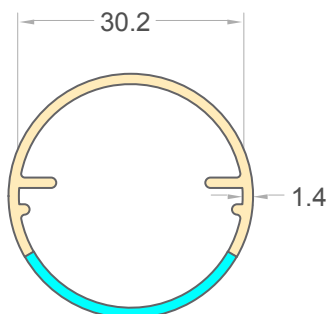
Ref. 5530



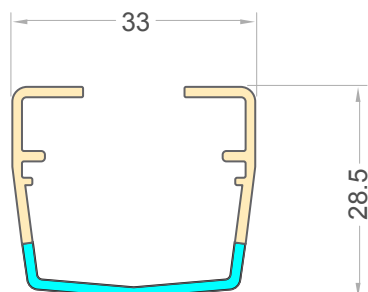
20-40 mm

Scale 1:1

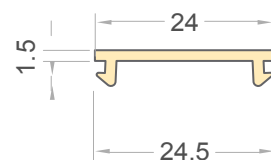
Ref. 5531



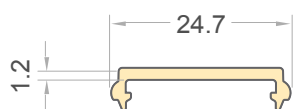
Ref. 5544



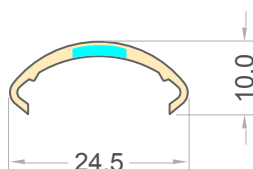
Ref. 5555



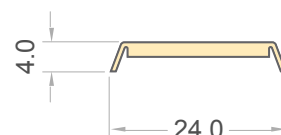
Ref. 5566



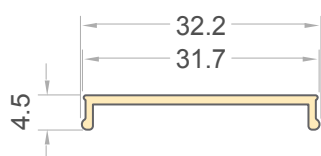
Ref. 5578



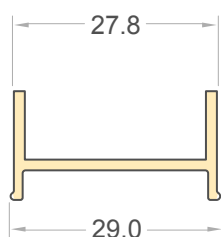
Ref. 5582



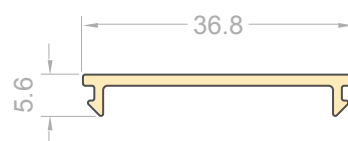
Ref. 5609



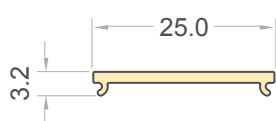
Ref. 5627



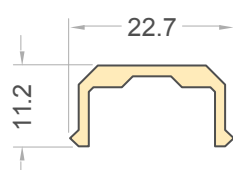
Ref. 5633



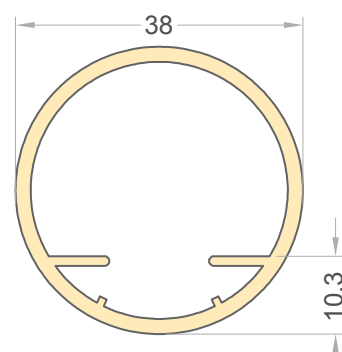
Ref. 5634



Ref. 5660



Ref. 5938



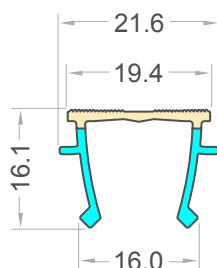
Scale 1:1

20-40 mm

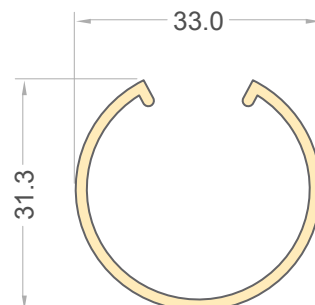
Ref. 5664



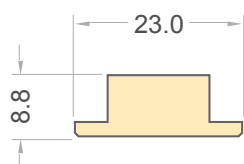
Ref. 5667



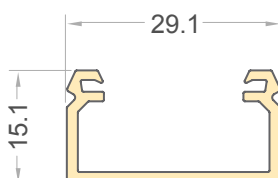
Ref. 5684



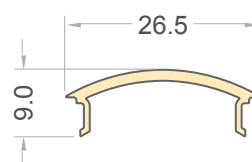
Ref. 5700



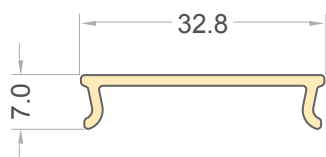
Ref. 5712



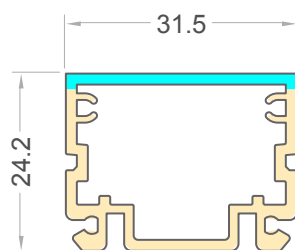
Ref. 5717



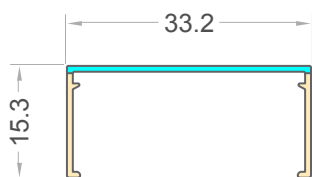
Ref. 5725



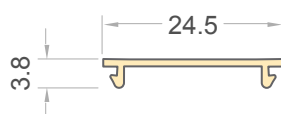
Ref. 5727



Ref. 5728



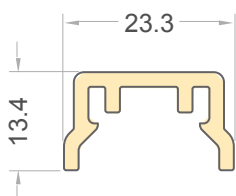
Ref. 5758



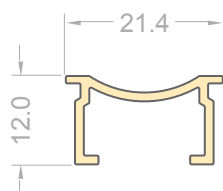
20-40 mm

Scale 1:1

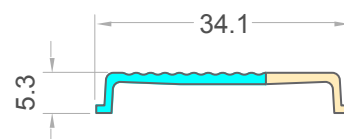
Ref. 5768



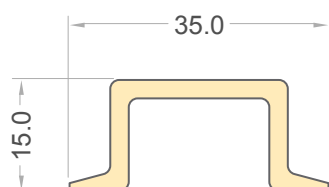
Ref. 5783



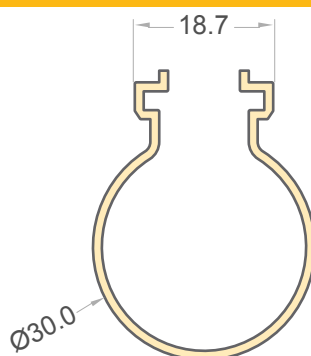
Ref. 5789



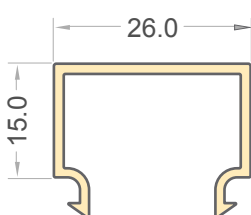
Ref. 5793



Ref. 5802



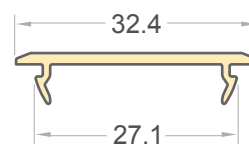
Ref. 5807



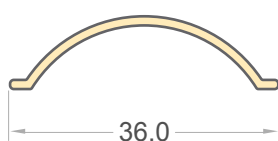
Ref. 5820



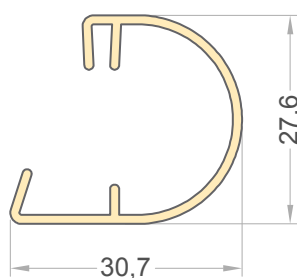
Ref. 5821



Ref. 5844



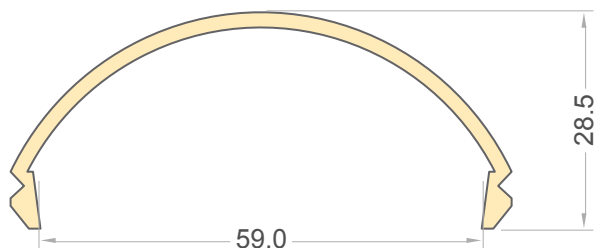
Ref. 5854



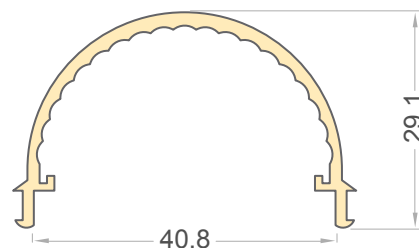
Scale 1:1

40-60 mm

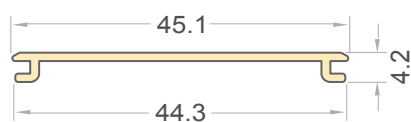
Ref. 4001



Ref. 4151



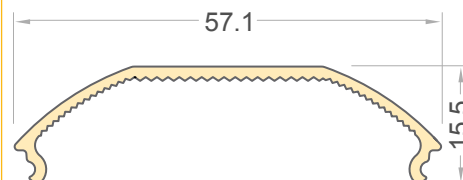
Ref. 4707



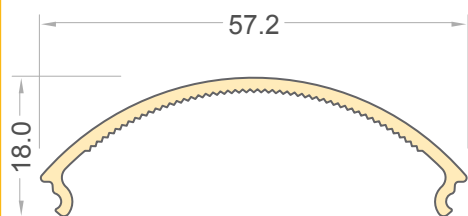
Ref. 4796



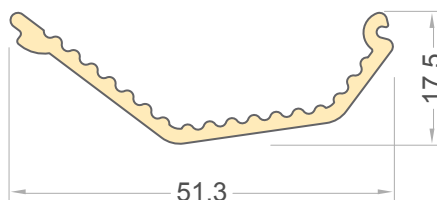
Ref. 4828



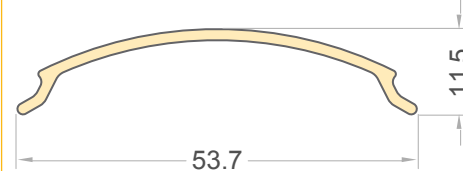
Ref. 4829



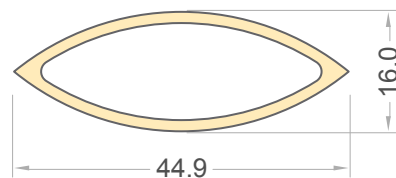
Ref. 4880



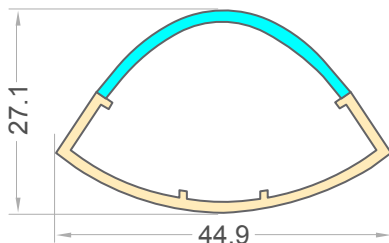
Ref. 4915



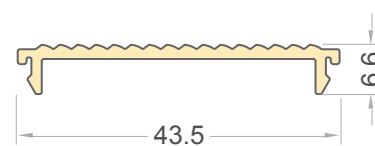
Ref. 4982



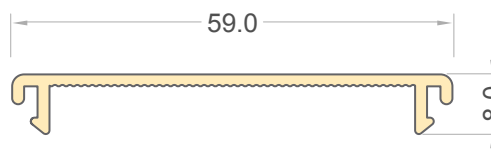
Ref. 4983



Ref. 5011



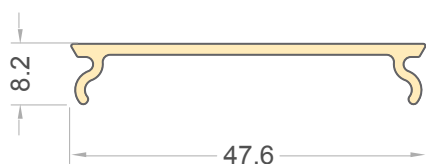
Ref. 5036



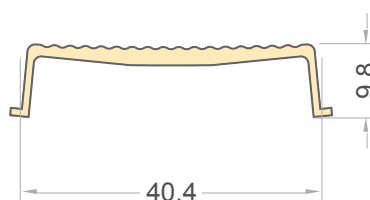
40-60 mm

Scale 1:1

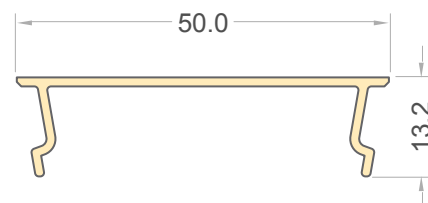
Ref. 5135



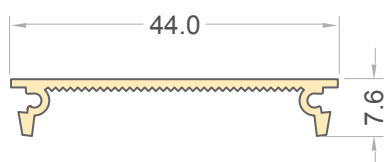
Ref. 5174



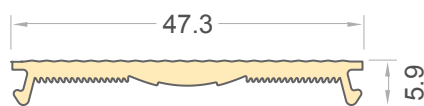
Ref. 5216



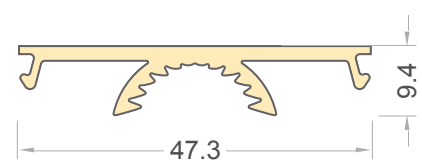
Ref. 5261



Ref. 5271



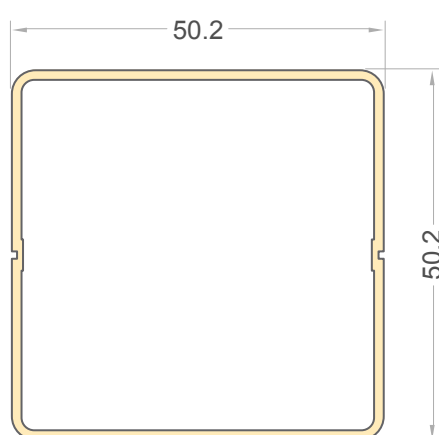
Ref. 5272



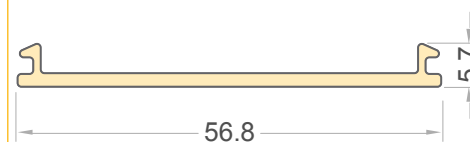
Ref. 5273



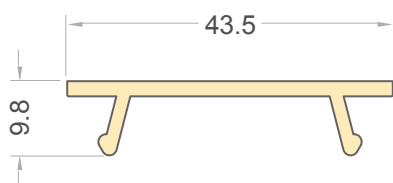
Ref. 5291



Ref. 5311



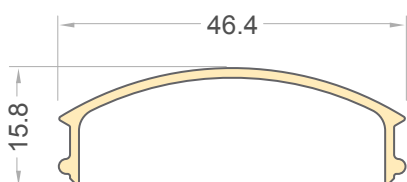
Ref. 5345



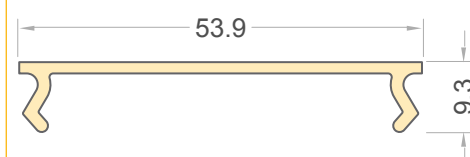
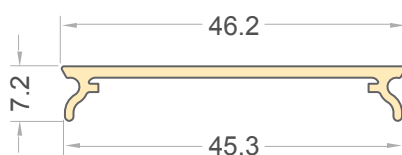
Ref. 5364



Ref. 5376



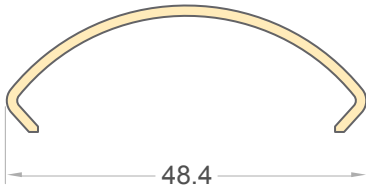
Ref. 5381



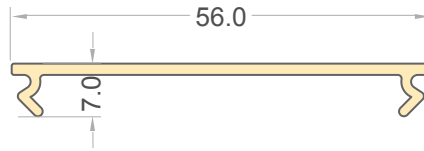
Scale 1:1

40-60 mm

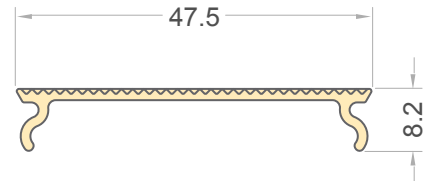
Ref. 5382



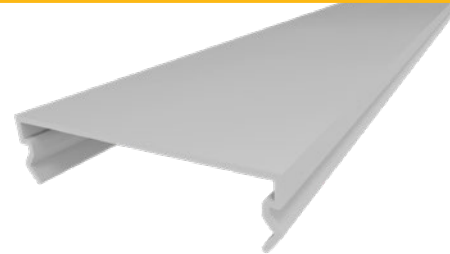
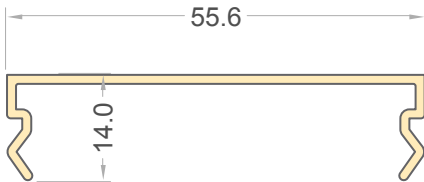
Ref. 5383



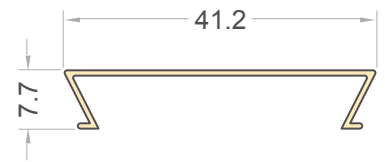
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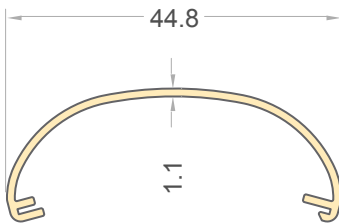
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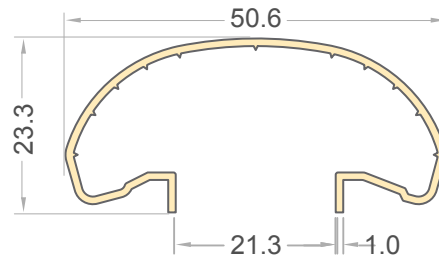
Ref. 5501



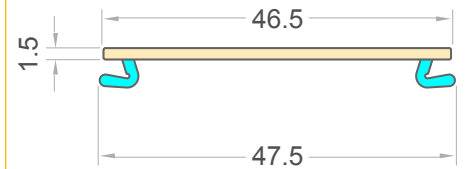
Ref. 5549



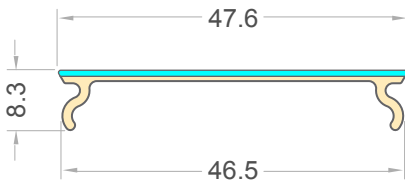
Ref. 5550



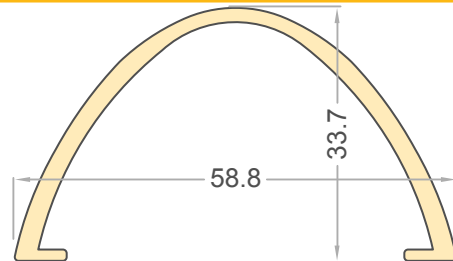
Ref. 5584



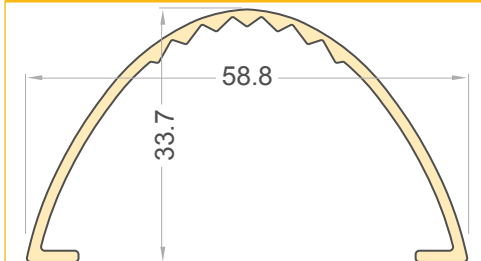
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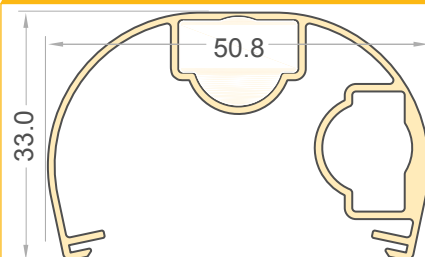
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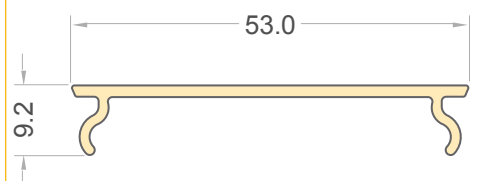
Ref. 5640



Ref. 5654



Ref. 5659



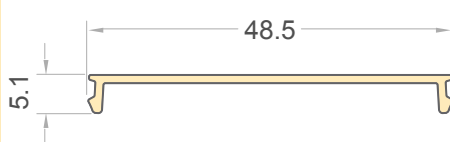
40-60 mm

Scale 1:1

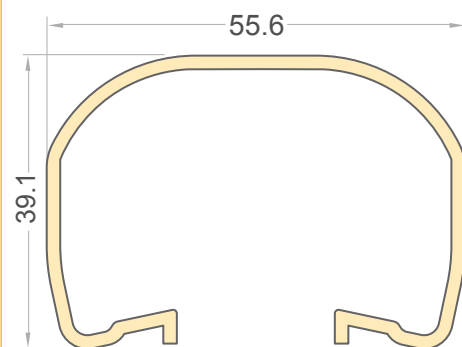
Ref. 5671



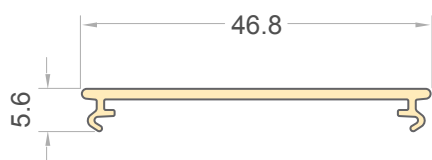
Ref. 5673



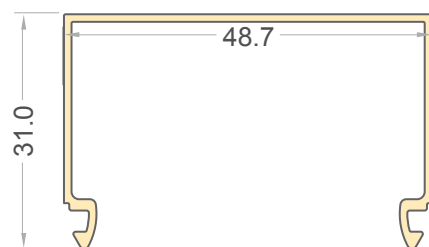
Ref. 5681



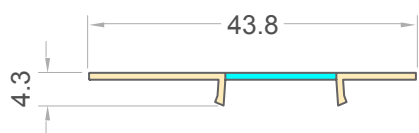
Ref. 5690



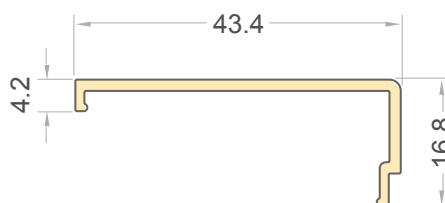
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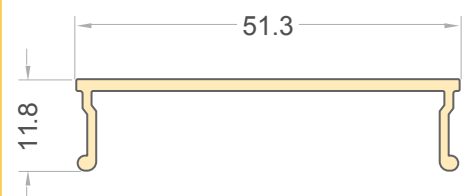
Ref. 5701



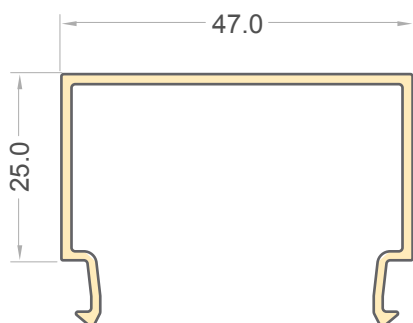
Ref. 5722



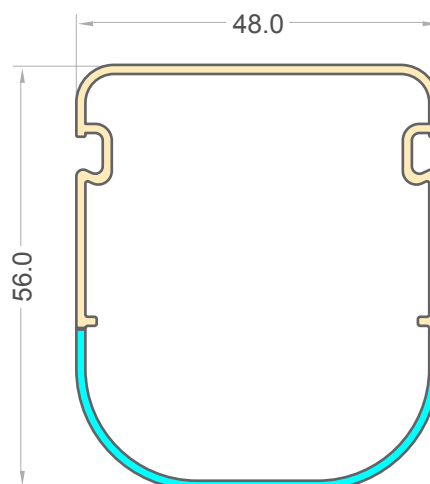
Ref. 5787



Ref. 5808



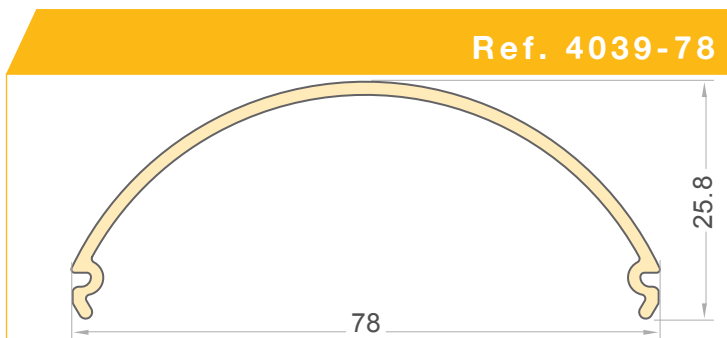
Ref. 5812



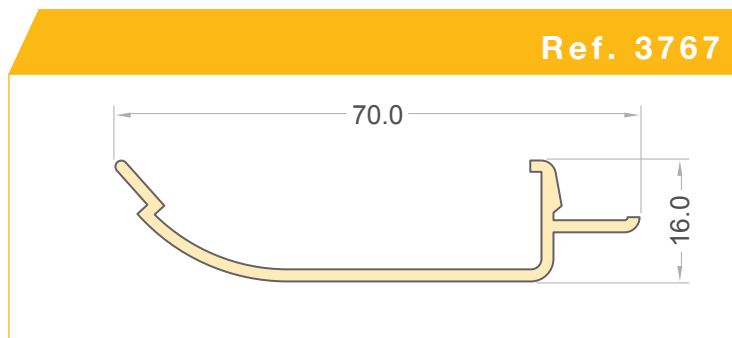
Scale 1:1

60-80 mm

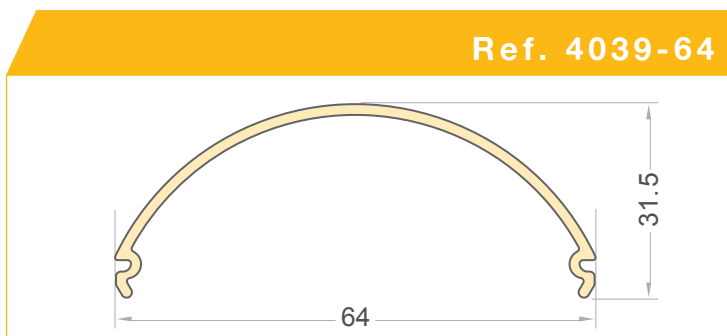
Ref. 4039-78



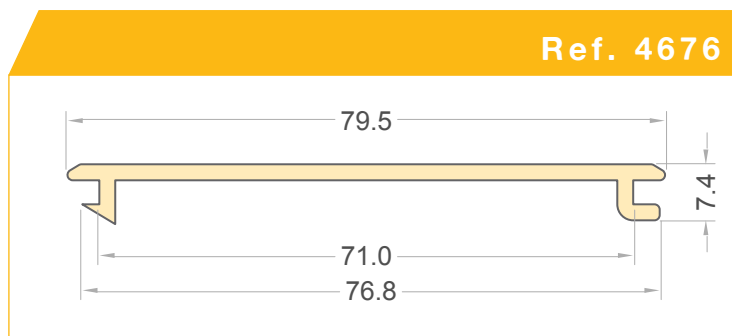
Ref. 3767



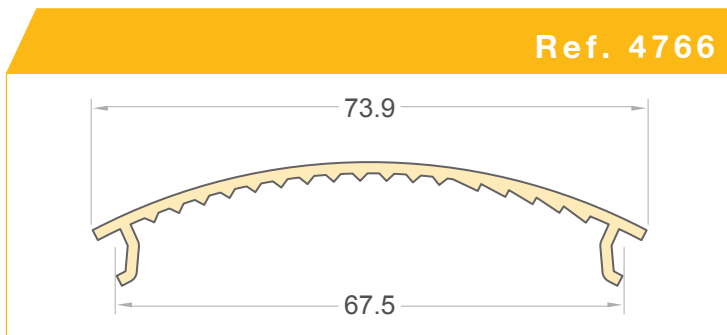
Ref. 4039-64



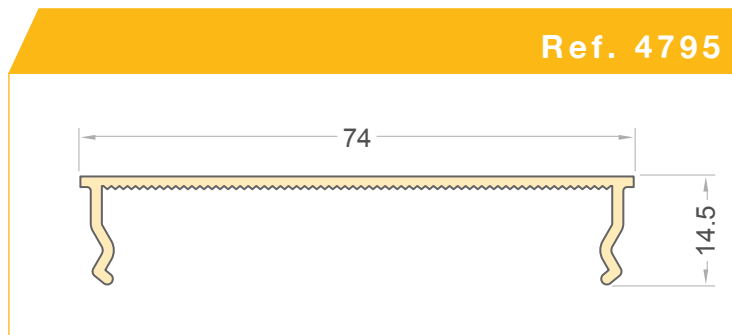
Ref. 4676



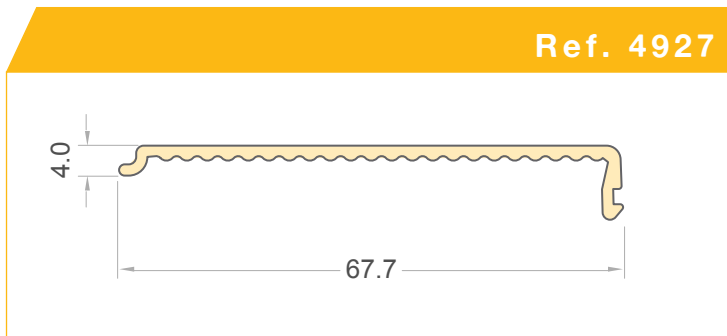
Ref. 4766



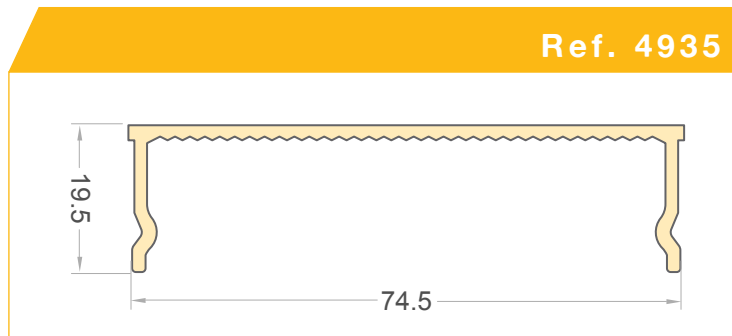
Ref. 4795



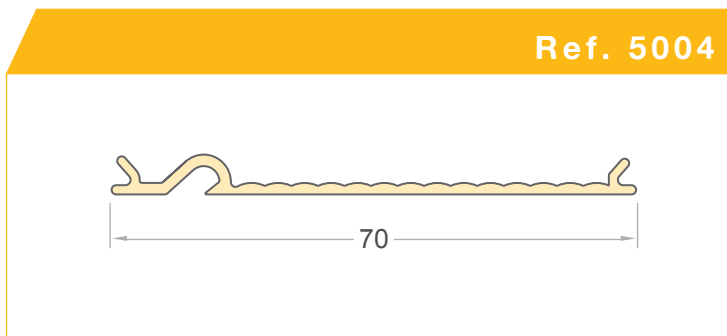
Ref. 4927



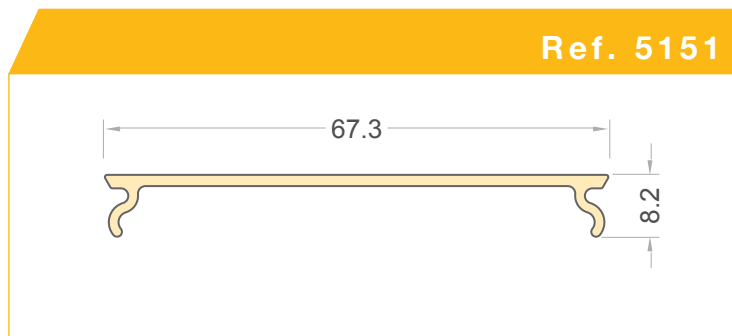
Ref. 4935



Ref. 5004



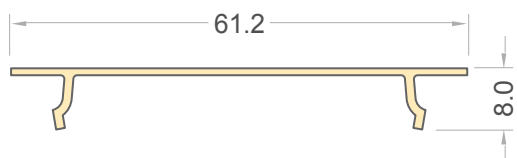
Ref. 5151



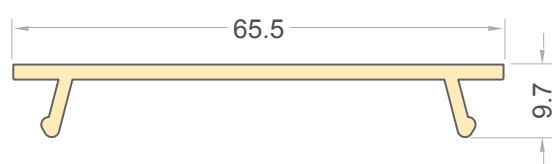
60-80 mm

Scale 1:1

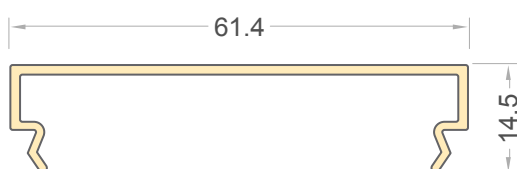
Ref. 5217



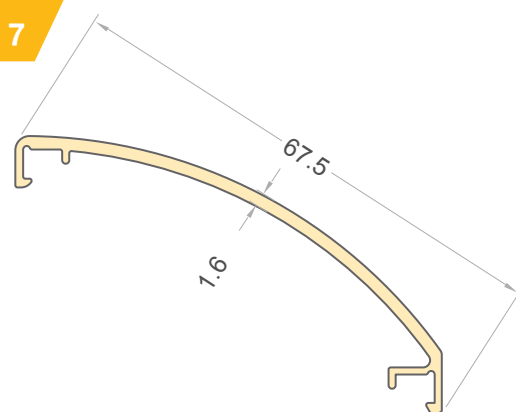
Ref. 5346



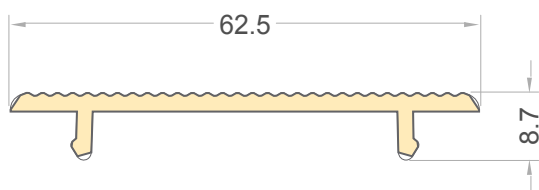
Ref. 5468



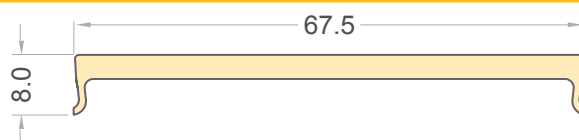
Ref. 5517



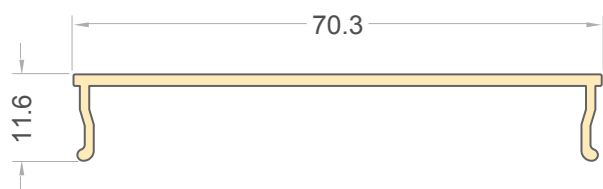
Ref. 5729



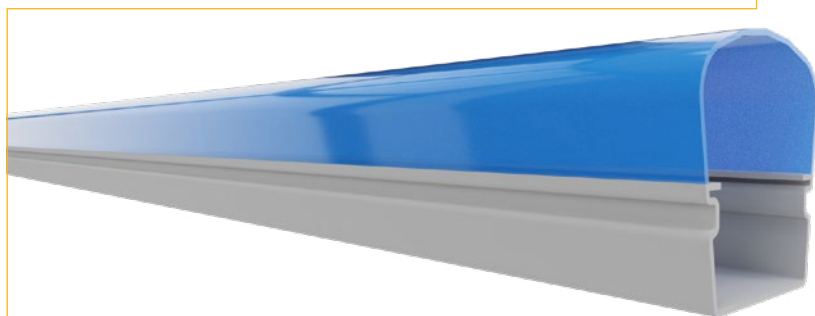
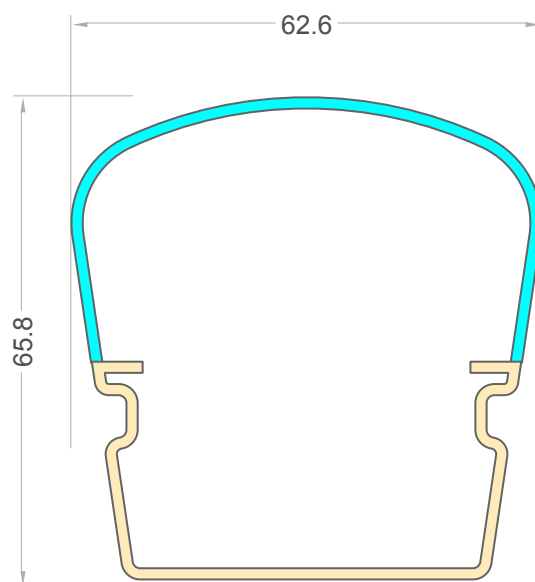
Ref. 5760



Ref. 5788



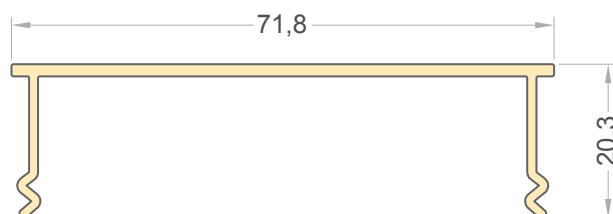
Ref. 5615



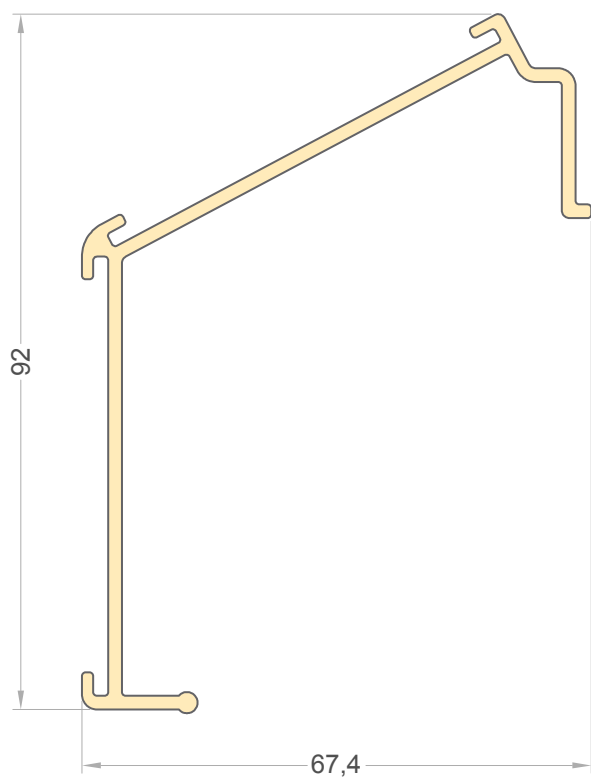
Scale 1:1

60-80 mm

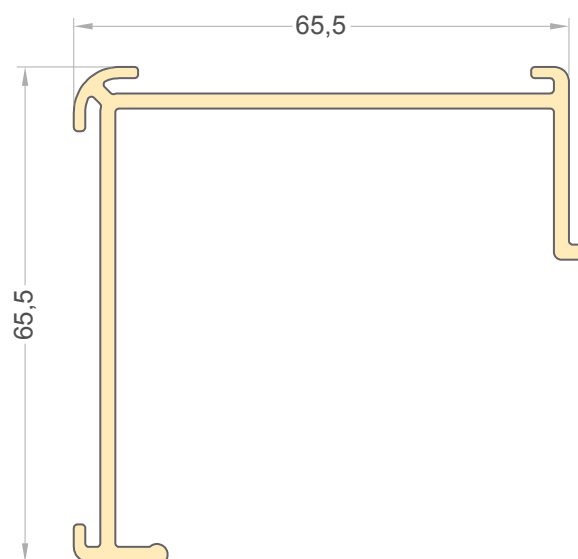
Ref. 5883



Ref. 5856



Ref. 5857



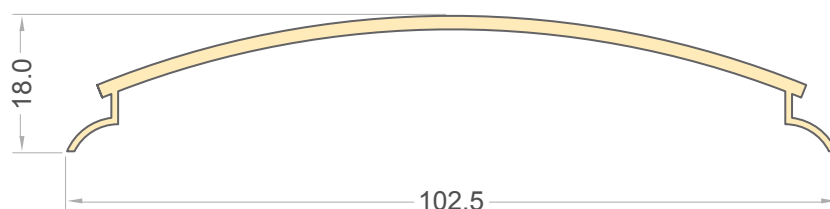
09

Profiles

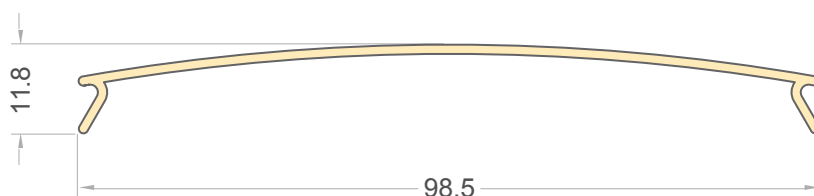
+80 mm

Scale 1:1

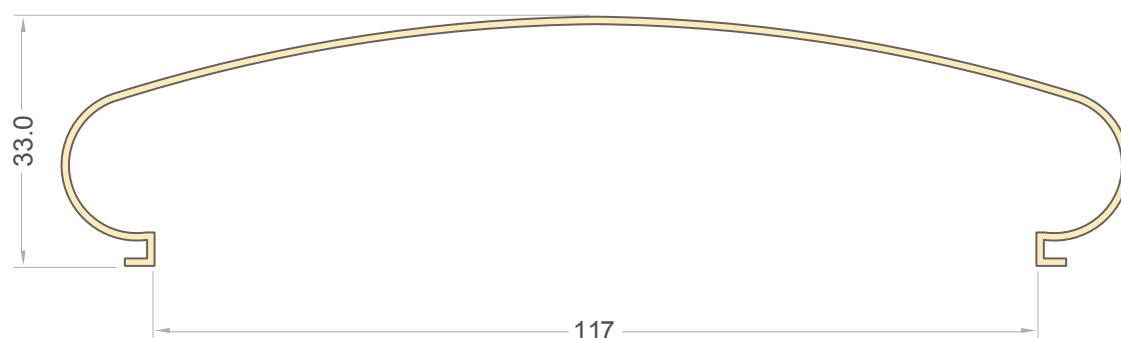
Ref. 2849



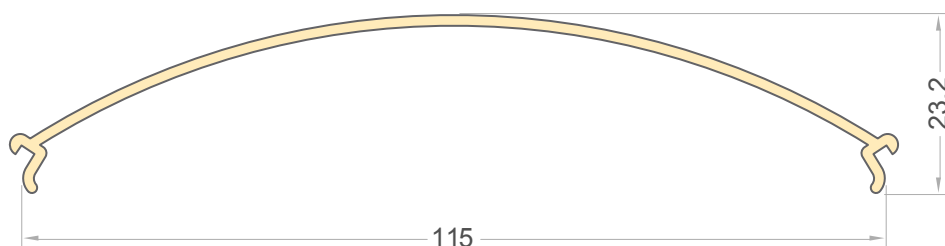
Ref. 3873



Ref. 3994



Ref. 4046

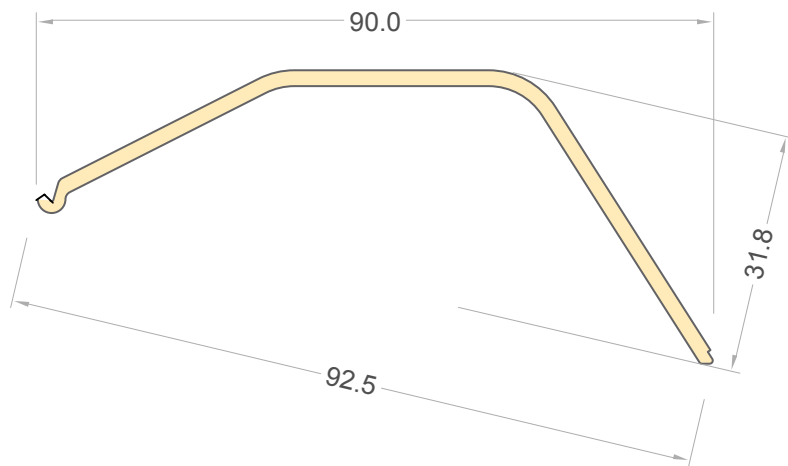


Scale 1:2

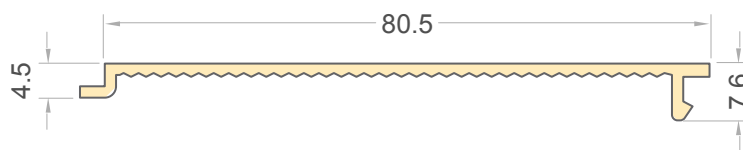
Scale 1:1

+80 mm

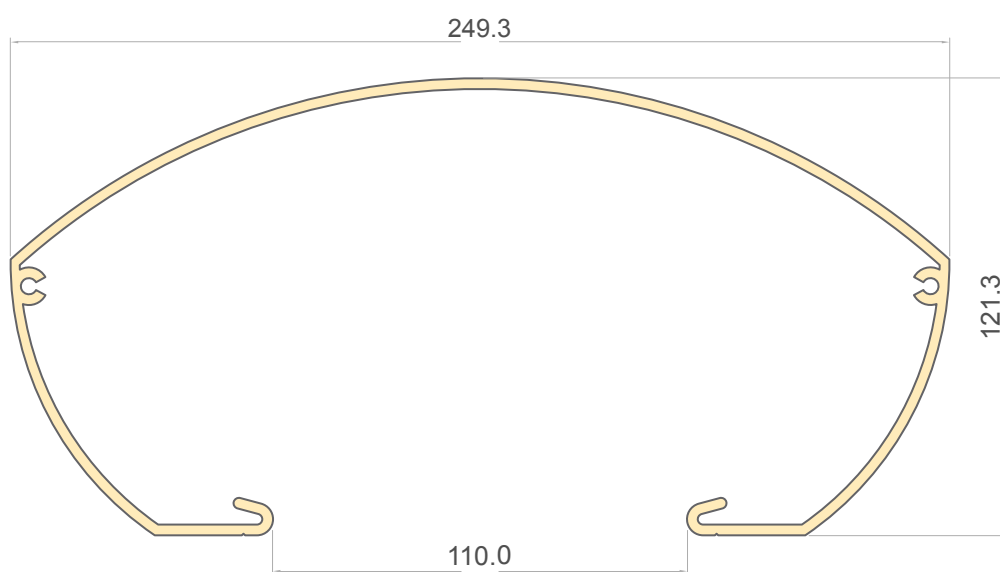
Ref. 4047



Ref. 4723



Ref. 4778



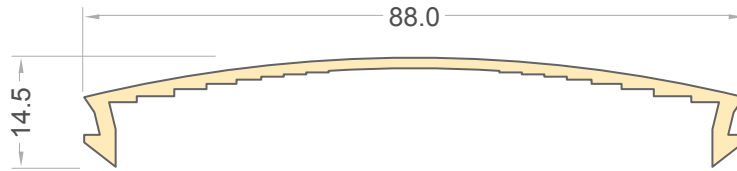
09

Profiles

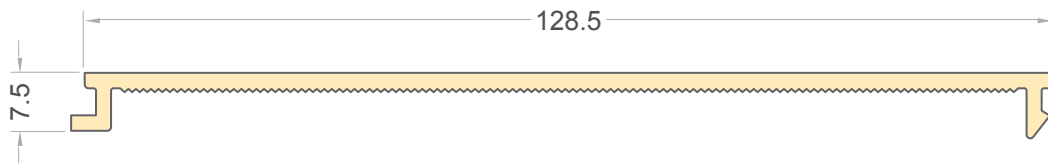
+80 mm

Scale 1:1

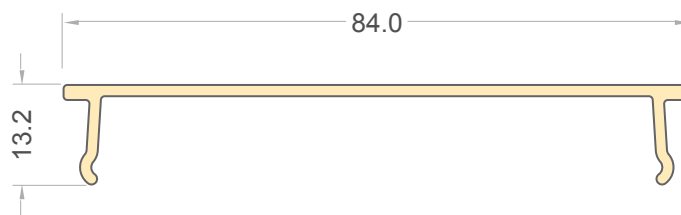
Ref. 4883



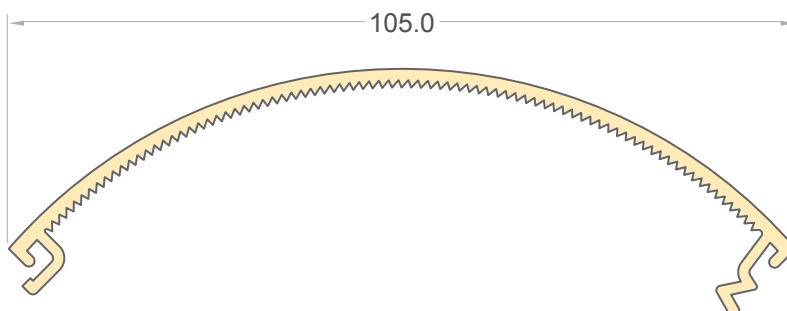
Ref. 5046



Ref. 5060



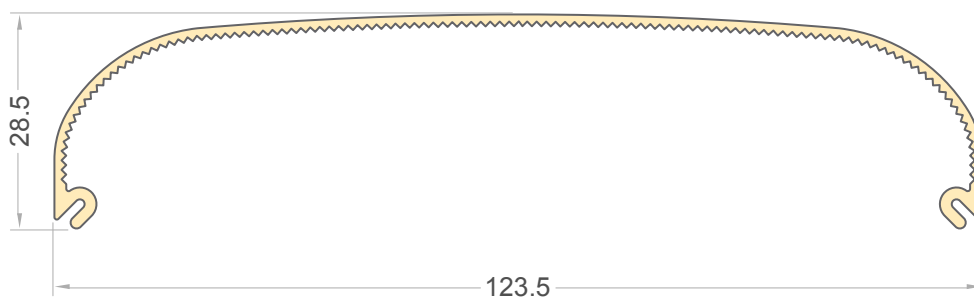
Ref. 5186



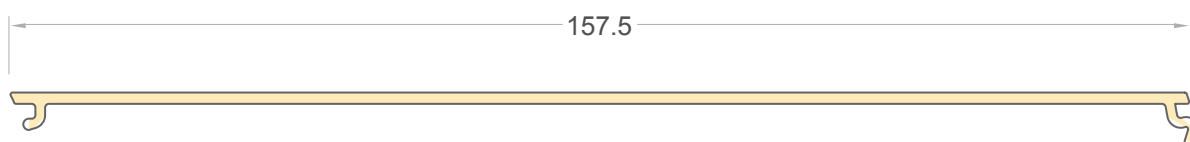
Scale 1:1

+80 mm

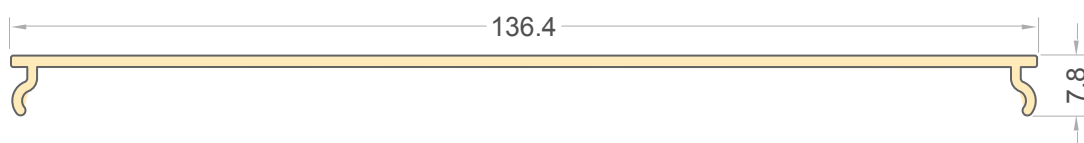
Ref. 5275



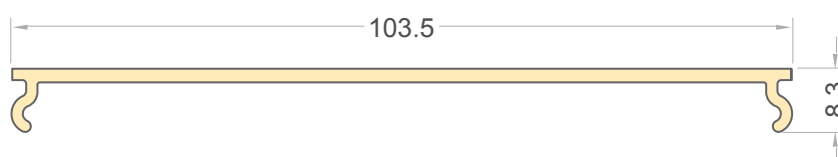
Ref. 5428



Ref. 5429



Ref. 5488



09

Profiles

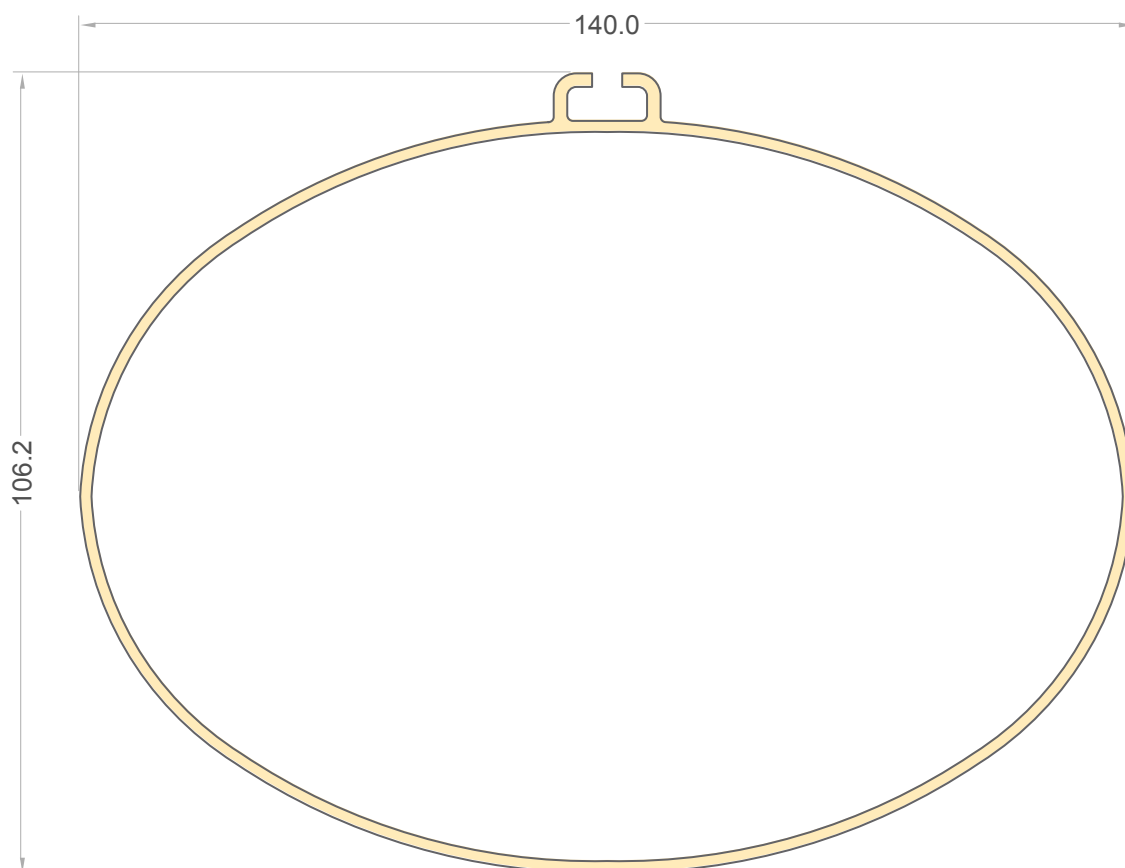
+80 mm

Scale 1:1

Ref. 4048



Ref. 5244





010

Data sheets

Polycarbonate

Options:

Transparent PC
Flame Retardant PC
Diffuser PC

Mechanical properties

	Unit	Standard	Data
Tensile modulus (1mm/min)	Mpa	ISO 527 1-2	2399
Yield stress (50mm/min)	Mpa	ISO 527 1-2	65
Yield strain (50mm/min)	%	ISO 527 1-2	63
Flexural modulus (2/min)	Mpa	ISO 178	2399
Charpy impact strength (23°; 3mm)	KJ/m ²	ISO 179-1eU	N

Thermal properties

	Unit	Standard	Data
Temperature of deflection under load (1.80Mpa)	°C	ISO 75-1-2	127
Coefficient of linear thermal expansion (23-55°C)	10 ⁻⁴ /K	ISO 11359-1-2	0,64
Glow wire test (GWT) 1,5mm	°C	IEC 60695-2-12	875
Fire class		UL94	HB

Material especific properties

	Unit	Standard	Data
Refractive index (Procedure A)	-	ISO 489	1585
Light Transmission (clear transparent materials (2mm)	%	ISO 13468-2	88

Diffuser PC: Specific properties

Thickness

Do	Light Transmission	(1mm)	70%
D1	Light Transmission	(1mm)	73%
D2	Light Transmission	(1mm)	76%
D3	Light Transmission	(1mm)	78%
D5	Light Transmission	(1mm)	81%
D10	Light Transmission	(1mm)	84%
D20	Light Transmission	(1mm)	86%

PMMA

Options:

Transparent PMMA

High-impact PMMA

Diffuser PMMA

Mechanical properties

	Unit	Standard	Data
Tensile modulus (1mm/min)	Mpa	ISO 527	3203
Stress Break (5mm/min)	Mpa	ISO 527	75
Strain Break (5mm/min)	%	ISO 527	5,6
Charpy impact strength (23°C)	KJ/m²	ISO 179-1eU	19

Thermal properties

	Unit	Standard	Data
Vicat softening temperature (B/50)	°C	ISO 306	103
Temperature of deflection under load (0,45 MPa)	°C	ISO 75	99
Coefficient of linear thermal expansion (0 to 50°C)	E-5/°K	ISO 11359	8

Fire properties

	Unit	Standard	Data
Flammability UL 94 (1,5mm)	Class	ISO 60695-11-10	HB

Optical properties

D=3mm	Unit	Standard	Data
Light Transmission (D65)	%	ISO 13468-2	92
Haze		ASTM DD1003	<0,5
Refractive Index (589/23°C)		ISO 489	1,49

Diffuser PMMA: Specific properties

Thickness

Diffuser PMMA	Light Transmission	(1mm)	71%
---------------	--------------------	-------	-----

Transparent Materials

Transparent Materials		
	PC	PMMA
Density g/cm ³	1,2	1,19
UV-resistance	Good (indoor)	excellent
Temperature resistance	Very good	good
Light Transmission	Very good	very good
Impact resistance	Very good	average
Scratch resistance	average	very good
Fire resistance	good	average

Soft Light Diffuser

Options:

Transparent
Diffuser

Properties			
	Unit	Standard	Data
Softening temperature (10N)	°C	ISO 306	64
Tensile Strenght	MPa	ISO 527-2	17
Elongation at Break	%	ISO 527-2	750
Resistance to UV Suntest CPS+	hours	ISO 4892	350

Complies with RoHS and REACH regulations



011

Energy

EN

We manufacture fully customized power distribution tracks with integrated conductors, tailored to the customer's requirements.

ES

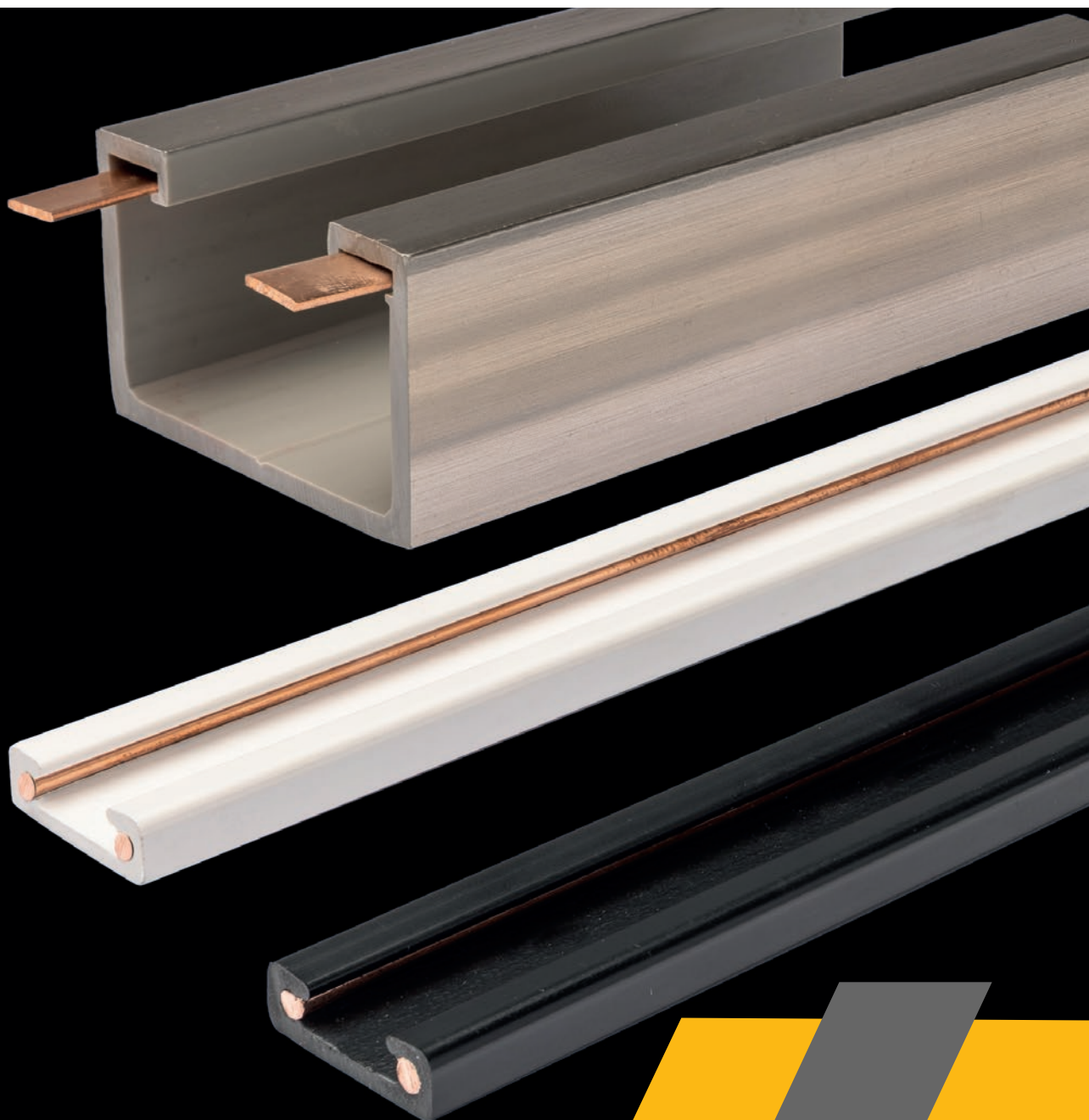
Producimos carriles con conductores adosados para la distribución de energía, totalmente personalizados a gusto del cliente.

FR

Nous fabriquons des rails de distribution d'énergie avec conducteurs intégrés, entièrement personnalisés selon les besoins du client.

DE

Wir fertigen Energieverteilungsschienen mit integrierten Leitern, die vollständig nach den Anforderungen des Kunden maßgeschneidert sind.



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POS and Retail Industry



Lighting Industry



Profiles for leatherware, dressmaking and footwear



Bookbinding Industry



Body work and Internal Finishes



Shower enclosures



Elastomer joint-profiles



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