

Aluminum Profile- Black - POTSDAM - UGR17 Micro Prism Diffuser - 195cm - Batten + Pendant



Product code:

Reference: AL2M90990- BLACK

Technical specifications:

REFERENCE: AL2M90990- BLACK

Construction Material: Aluminium+PC

Certifications: CE, CMIM, RoHS

Dimensions (mm): 45x40x1950 mm

Warranty Years: 5

Product short description:

Our 195cm BLACK aluminum profile is designed to accommodate 2 220v LED strips inside, saving assembly time and providing great luminosity. Its diffuser is made of transparent Micro Prima to achieve a UGR17 and avoid glare.

The profile includes 4 end caps, 220v cable connectors, hanging cables; and comes with drill holes to allow you to place it on the surface as well.

Product description:

Black Aluminum Profile - POTSDAM - UGR17 Micro Prism Diffuser - 195cm - Surface placement options + Pendant

Our linear profile for LED - POTSDAM - is a versatile and timeless range, it can be the protagonist in the interior design of a space or adapt to it. Thanks to the various sizes and colors available, it can provide a wide variety of visual sensations that will define the space from a new perspective.

The POTSDAM profile allows a quick installation. The profile made of aluminum is specially designed to incorporate two 220v LED strips and achieve decorative lighting that allows for spectacular effects in the decoration and lighting of any space.

The POTSDAM profile includes micro prism caps (thousands of tiny prisms that efficiently deflect light). These prisms are arranged in a precise pattern and feature a reflective surface coating that maximizes light efficiency while deflecting light to prevent glare, making them ideal for work areas where low light is required. UGR level.

Our linear LED profile can be suspended or mounted on the wall or ceiling. The product includes the holes to place it on the surface and the pendants to place it in suspension.

This aluminum profile allows the placement of high luminosity strips due to its dissipating effect for the LED strip, therefore you will extend the life of your LED strips.

The advantages of aluminum are evident, both for its lightness, resistance to corrosion, good thermal conductivity, durability and recyclability.

Our profile is painted in the oven. The advantages of painting in the oven can be summarized in:

- Durability: The paint is cured by the application of heat, creating a strong, even layer of paint that is less prone to wear, scratches and other types of damage.
- Corrosion resistance: It is resistant to corrosion and oxidation, which makes it ideal for applications in humid or corrosive environments.
- High quality: Baked painting allows you to create a uniform and high-quality layer of paint that adapts well to irregular surfaces or with complex details.
- Better adhesion: Baked paint has a better adhesion to the surface being painted, which reduces the probability of detachments or stains.
- Protection: Baked painting allows you to create a finish that is resistant to UV rays and fading.

The linear luminaire is a versatile and efficient option for providing illumination in a variety of settings, and its straight, uniform shape makes it ideal for illuminating long and narrow surfaces.

The POTSDAM aluminum LED profile has a wide range of uses in lighting and decoration. Some of the common uses of the LED profile include:

- Architectural lighting: Highlights and enhances architectural elements such as cornices, moldings, stairs, and corridors, providing soft and uniform lighting that adds elegance and style to spaces.
- Interior lighting: Creates ambient lighting in living rooms, bedrooms, kitchens, and bathrooms. It can be installed on ceilings, walls, or floors to create customized and cozy lighting effects.
- Furniture lighting: Highlights furniture, shelves, display cabinets, and wardrobes, providing functional and decorative lighting that adds a modern and sophisticated look to furniture.
- Commercial lighting: Used in shops, restaurants, hotels, and commercial spaces to highlight products, displays, or specific areas. It helps create an attractive and eye-

Technical Datasheet

catching atmosphere for customers.

- Outdoor lighting: Weather-resistant, it is used in outdoor applications such as terraces, gardens, and building facades. It provides decorative and functional lighting, withstanding adverse weather conditions.
- Vehicle lighting: It is also used in automotive applications, such as interior lighting in caravans, buses, cars, and trucks, improving the appearance and visibility inside vehicles.

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Additional images:

