

## 72W LED Linear Light POTSDAM WHITE | 200cm | Batten + Pendant | UGR17



### Product code:

Reference: FL-AL2M90990-WH

### Technical specifications:

REFERENCE: FL-AL2M90990-WH  
Rated Power : 72W  
Nominal Voltage: 220V-240V  
Colour: 2700K-4000K-6000K  
CRI - Chromatic Rendiment Index: 82  
Construction Material: Aluminium+PC  
Luminosity-Lm: 7200Lm  
Number & Type of LEDs: SMD2835 - 140 LEDs/M PCB12mm  
Beam Angle (°): 100°  
Luminous diode LED (Lm/W): 140 Lm/W  
Luminous Efficiency (Lm/W): 100 Lm/W  
Dimmable: TRIAC  
Certifications: CE - ROHS  
IP : IP44  
Diode Life Expectancy (H): 100.000  
Dimensions (mm): 45x40x2000 mm  
Power Factor (PF): 0,91  
Frequency (Hz): 50/60Hz  
Temperature Range (°C): -20°C ~ +55°C  
On/Off Cycles: 100.000  
Energy Rating (2021-UE-2019/2015): A+  
Energy Rating (2023 - UE-2019/2015): F  
Warranty Years: 5

### Product short description:

LED Linear Light POTSDAM 72W 195cm – Triac Dimmable.  
Discover an elegant and efficient lighting solution with the POTSDAM LED fixture. Equipped with high-lumen Bridgelux SMD2838 chips (140 Lm/W) and a microprismatic UGR17 diffuser to prevent glare, it ensures uniform and comfortable lighting. Its modern 195 cm design allows for surface or pendant installation (kits included), ideal for stylish residential or professional spaces.

### Product description:

**LED 72W Linear POTSDAM - 2 meters - White - UGR17- 2 Surface and Pendant placement options**

Our linear 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.

Our linear is prepared for suspension placement, pendant type, as surface placement, as LED strip type, to adapt to various needs and installation heights. The 2-meter-long luminaires become beautiful traces of light that shape the space.

The linear LED -POTSDAM - draws homogeneous lines of light that adapt to a wide variety of spaces with minimal visual impact, solving both general lighting needs and floodlighting vertical planes.

The light source of our linear LED luminaire incorporates 140 high-luminosity SMD2835 Leds/meter that delivers 2566lm/meter; LED diodes incorporate double gold wire soldering for longer life and reliability. Very low flicker level .

Our luminaire can also be used in areas with high humidity thanks to the fact that its IP67 light source is insulated with high-quality silicone (UC Class F1 UL94 and VOC-free), which prevents it from yellowing and cracking over the years. .

The luminaire is connected directly to 220v, not requiring a power supply or a rectifier bridge. The consumption of the luminaire is 72W for the 2 meters.

Its design combines high transmittance diffusers that provide great visual comfort and energy efficiency.

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.

Notice: Product subject to change without prior notice. Ensure to use the most recent technical datasheet.

# Technical Datasheet

-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 paint creates 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.

Our aluminum POTSDAM Luminaire has a wide range of uses in lighting and decoration. Some of the frequent uses of the LED profile include:

- Architectural Lighting: Highlights and enhances architectural elements such as cornices, moldings, stairs and hallways, providing soft, even lighting that adds elegance and style to spaces.
- Interior lighting: Create ambient lighting in living rooms, bedrooms, kitchens and bathrooms. It can be installed on ceilings, walls or floors to create personalized and welcoming lighting effects.
- Furniture Lighting: Highlights furniture, shelves, cabinets and cabinets, providing functional and decorative lighting that adds a modern and sophisticated look to furniture.
- Commercial Lighting: Used in stores, restaurants, hotels, and commercial spaces to highlight specific products, displays, or areas. It helps to create an attractive and eye-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, resisting adverse weather conditions.
- Vehicle lighting: It is also used in automotive applications, such as the interior lighting of RVs, buses, cars, and trucks, improving the appearance and visibility inside the vehicles.

At FactorLED we ensure that our product has a QUALITY guarantee and offer all the necessary elements for DISTRIBUTION, IMPORT or WHOLESALE, including the technical data sheet for each LED product.

## Additional images:

