




LIGHT PROJECTS

LEDBAR CONTOUR



A flexible LED strip that is ideal for architectural detailing to produce continuous lines of light in a wide range of colours and intensities for use with interior projects such as swimming pools. Also useful for landscaping, fountains and other exterior applications.

This Flexible LED strip is ideal for architectural detailing to produce continuous lines of white light in a wide range of colour temperatures and intensities.

The high performance silicone jacket material provides excellent weatherproofing, UV protection and a wide working temperature range making it suitable for all interior, exterior and underwater applications.

With four power options (6W/m, 9W/m, 12W/m and 15W/m), three CRI choices (Ra 80 to 95+) and up to 850 lm/m, there is a solution for any installation.

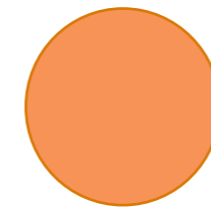


FEATURES

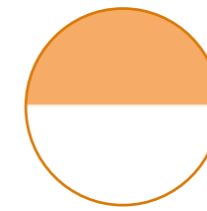
The Light Projects LEDBar Contour range creates a stunning, unbroken linear light which can be flexed vertically, horizontally or, in some cases, both. It is rated up to IP68 (5m) so can be used for interior, exterior and underwater applications. A huge range of LED options are available to provide endless effects and allow you to create spectacular scenes in any public, private or commercial location. It is made with the highest quality Japanese components:

- White LEDs in 2200K, 2700K, 3000K, 3500K, 4000K or 5700K in three CRI choices 80+, 90+, 95+
- Colour LEDs in Single, RGB or RGBW options
- Single length up to 30m long (6m for coloured)
- Pixel Programmable LED to create dynamic moving effects
- Tough rubber cable and wicking barrier prevents water ingress along cable
- Multiple mounting options to allow the LEDBar to be fixed in any orientation
- Powered from Constant Voltage Drivers which are available in a wide range of power and dimming options to precisely tune the output

LED COLOURS



Monochrome



Dynamic White



RGB



RGBW



PIXEL

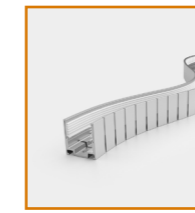
MOUNTING PROFILES



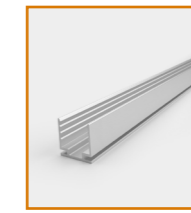
Thick Plastic



Flexible Stainless Steel



Flexible Serrated Aluminium



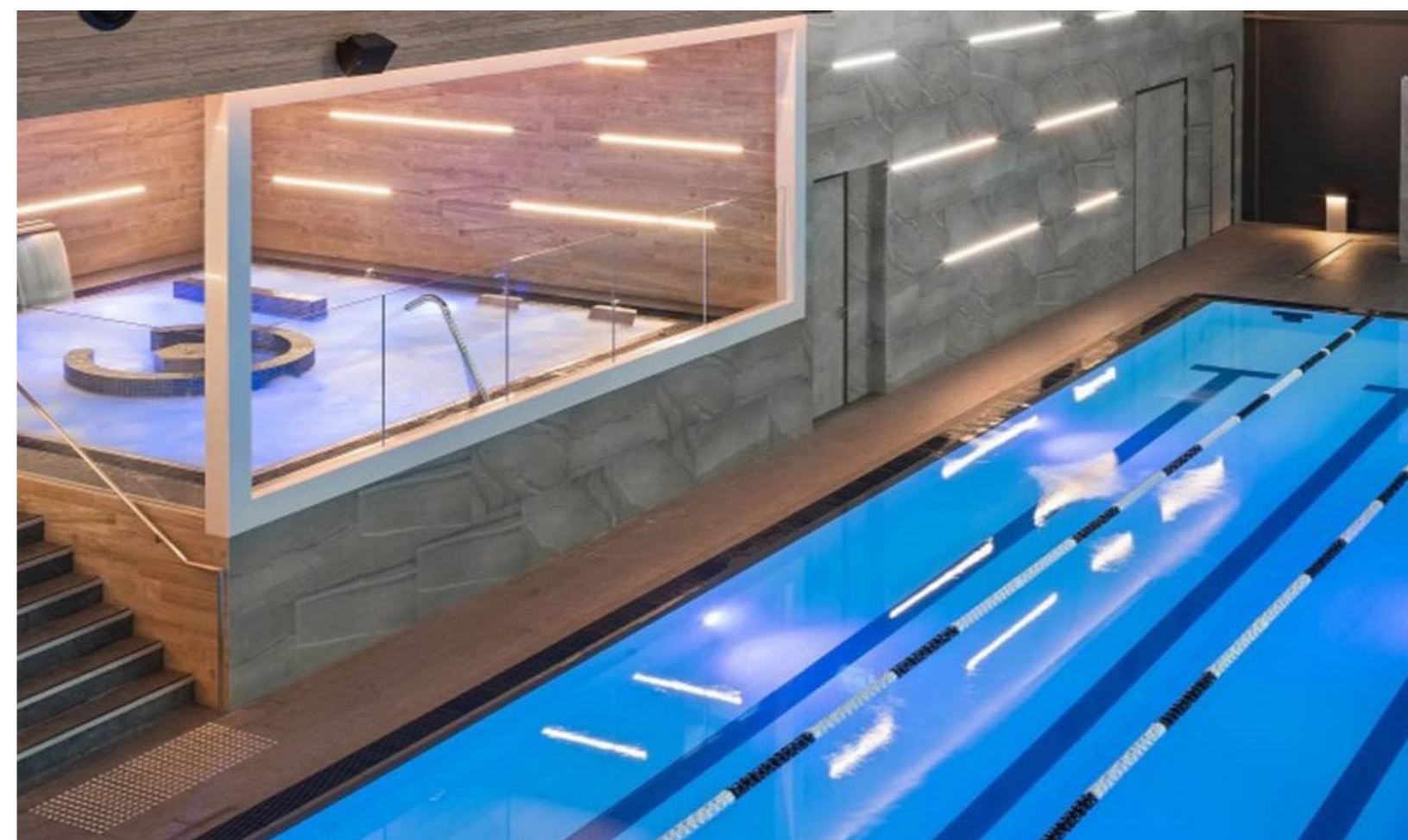
Straight Aluminium



Straight Serrated Aluminium



Straight With Flange Aluminium



COLOURED JACKETS

WHITE

BLACK

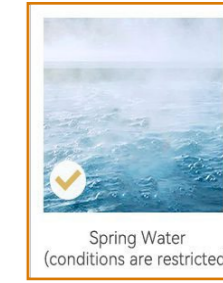
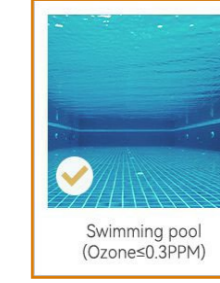
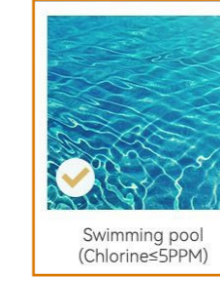
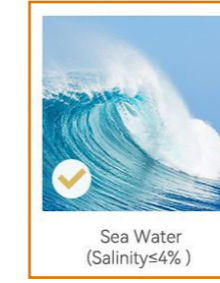
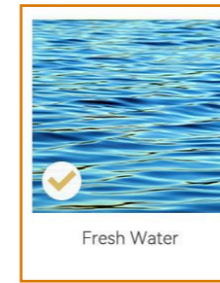
RED

BLUE

GREEN

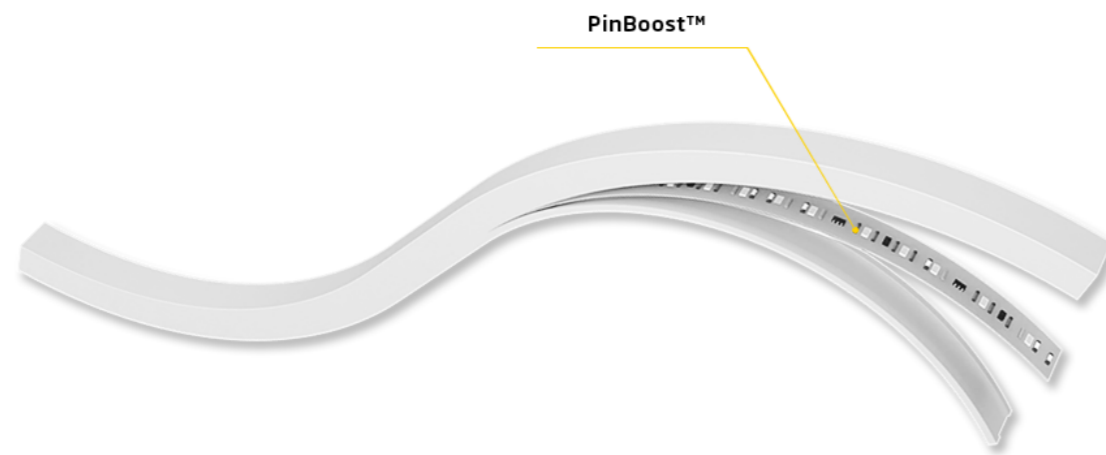


UNDERWATER CONDITIONS



PINBOOST™

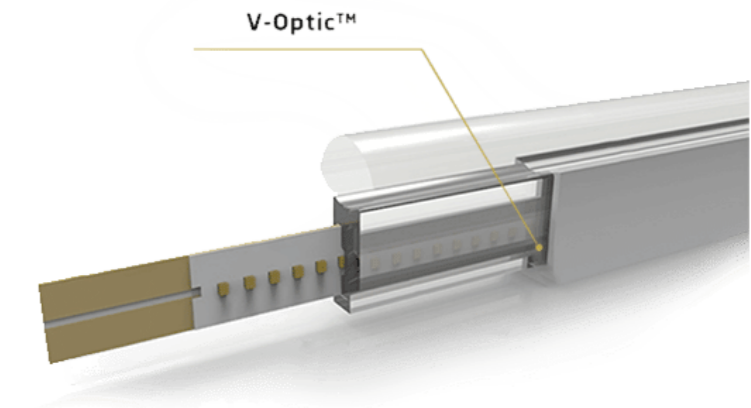
The core ideology of PinBoost™ is to place reinforcement components on both sides of the SMD LED, effectively reducing damage to SMT LEDs on the FPCB (Flexible Printed Circuit Board) due to external forces caused by incorrect bending and distortion.



V-OPTIC™

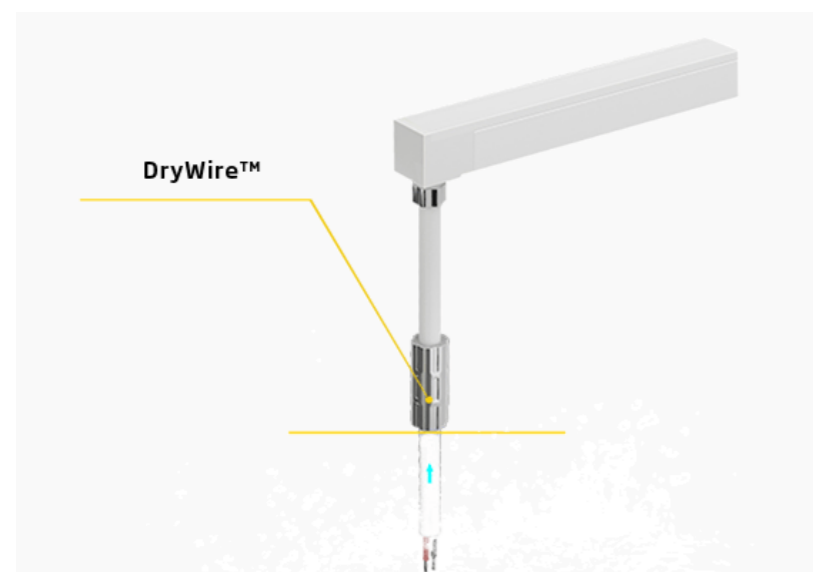
The LED flex linear light with FPCB normally can only be bent up and down against the light surface. Inferior solutions for horizontal bending use low brightness or side emitting LEDs which have limited colour options or are at a higher cost.

The core technology of the V-Optic™ is a unique internal reflection angle design and a special reflective material formulation. This maximises the lumen output with general SMT LEDs and controls any colour temperature shift of the light.



DRYWIRE™

When electrical products are used outdoors or in high humidity environments for a long time, they can be affected by the wire capillary effect whereby water and moisture slowly penetrate the inside of the electrical equipment from the conducting wire, which can lead to short circuit damage. The core technology of DRYWIRE™ is designed to block the passage of water and moisture into the light fitting thereby protecting the conducting wire.



TWINFLEX™

In recent years, FPCB has been introduced into the flexible linear light as a conductor along with SMT technology developments, which improve the production efficiency of the light and extend the products useful function. TWINFLEX™ integrates FPCB with a copper belt. This pioneering technology dramatically improves the performance of this type of product family. It provides reinforced mechanical strength, enhanced heat dissipation, broadened connector pin connection and augmented conductor with duplex circuit transmission to increase current carrying capacity and reduce voltage drop.





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