



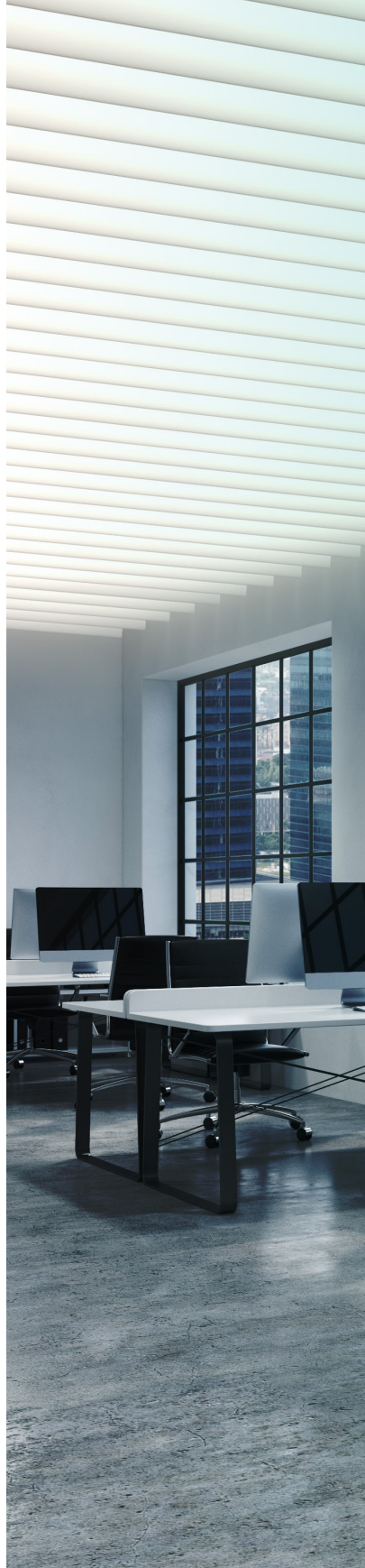
WINGS
BY CASTAN ILUMINACIÓN

Surface Illumination

The uniform spatial distribution
of WINGS's profiles creates a
vast luminous surface

The indirect illuminance, evenly distributed over the whole surface, affords the user high comfort levels and a light experience promoted by the light's softness with absence of bright luminance points.

The combination of power ranges and control systems will deliver light levels and visual effects tailored to each environment.







Lightsurround™

The enveloping light experience



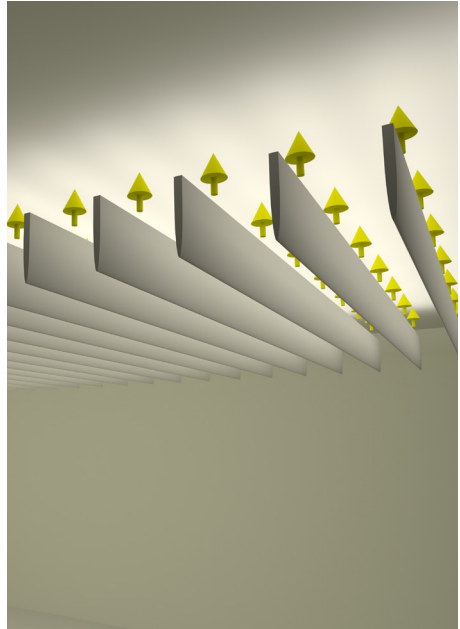
The WINGS system, deployed over the surfaces of a chosen environment, conveys a world of new sensations to the observer.

The onlookers participate in a magical experience of enveloping light, where the convergence of all-encompassing light with dynamic systems, in white or colored hues, heightens the impact. This is Lightsurround™.

A lighting solution
without glare

UGR<1

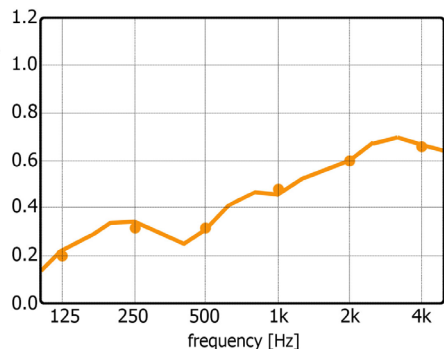
Indirect lighting, if evenly distributed over a given setting, eliminates glare. The glare problem, which determines the degree of comfort in a lighting scheme, is solved by the WINGS system in all its combinations of power and control.

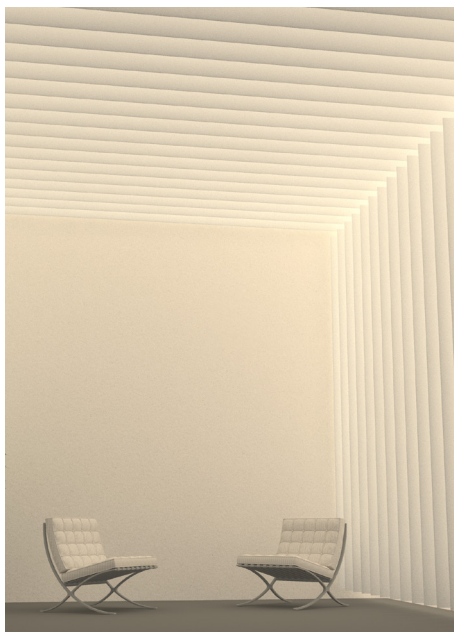


Acoustic diffusion

No noise

The soothing experience from a WINGS environment is not only due to the extraordinary level of visual comfort it delivers, but is heightened by the acoustic properties of the blades. The blade materials and their shape function as acoustic deflectors and open baffles, which even out the spatial sounds and dampens or eliminates the discomfort associated to noise.





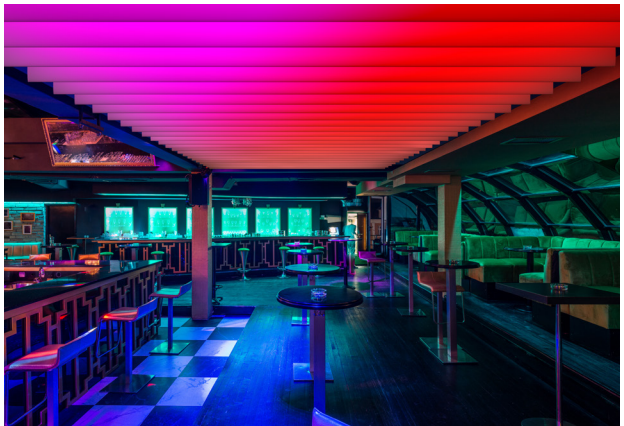
Integration of walls and ceilings

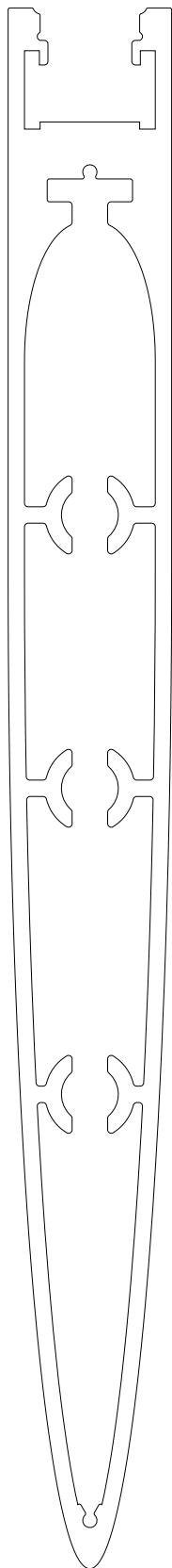
To clad perpendicular surfaces in a visually continuous scene, WINGS blades can be cut and joined at right or different angles to fold over irregular planes, as the determined by the designer.

Furniture and architectural features can be incorporated at the factory's technical office where our engineers customize each project.









Technical Data

Electrical data

Rated wattage	14.4W/m
Nominal voltage	12V/24V
Power factor λ	>0.8

Photometrical data

Luminous flux	1500 lm/m
Color range	2700K-3000K-4000K-RGBW27
Color rendering index Ra	≤ 80 - ≤ 90
Lumen main.fact.	L70 @25°C 50.000h
Standard deviation color	≤ 5 sdcm

Dimensions & weight

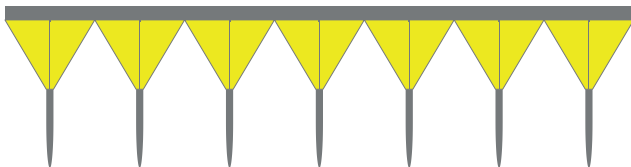
Max. lenght	6000 mm
Width	23 mm
Height	219 mm
Weight	5 kg/m

System specifications

Control	PWM - Stand alone SPI WS2811IC controller Artnet - SPI node
Power Supply	Remote

WINGS real size

WINGS detail

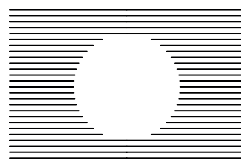
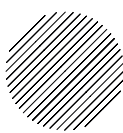
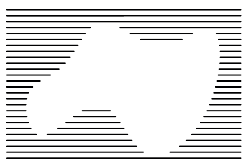


WINGS constructions

The system's blades allow different configurations departing from even distributions and allow geometrical shapes of square sides or linear constructions with uneven profiles.

With the collaboration of our technical office, we invite our clients to design their own concept of enveloping light and Lightsurround™ experience.

WINGS spatial construction



The background of the entire page is a photograph of a modern interior. It features a long, curved sofa with several cushions in neutral tones. Behind the sofa is a wall composed of numerous vertical, rectangular panels of varying heights and widths, creating a rhythmic pattern. The lighting is warm and ambient, casting soft shadows and highlighting the textures of the furniture and wall.

WINGS

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