

CASTAN WINGS

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.

Surface illumination





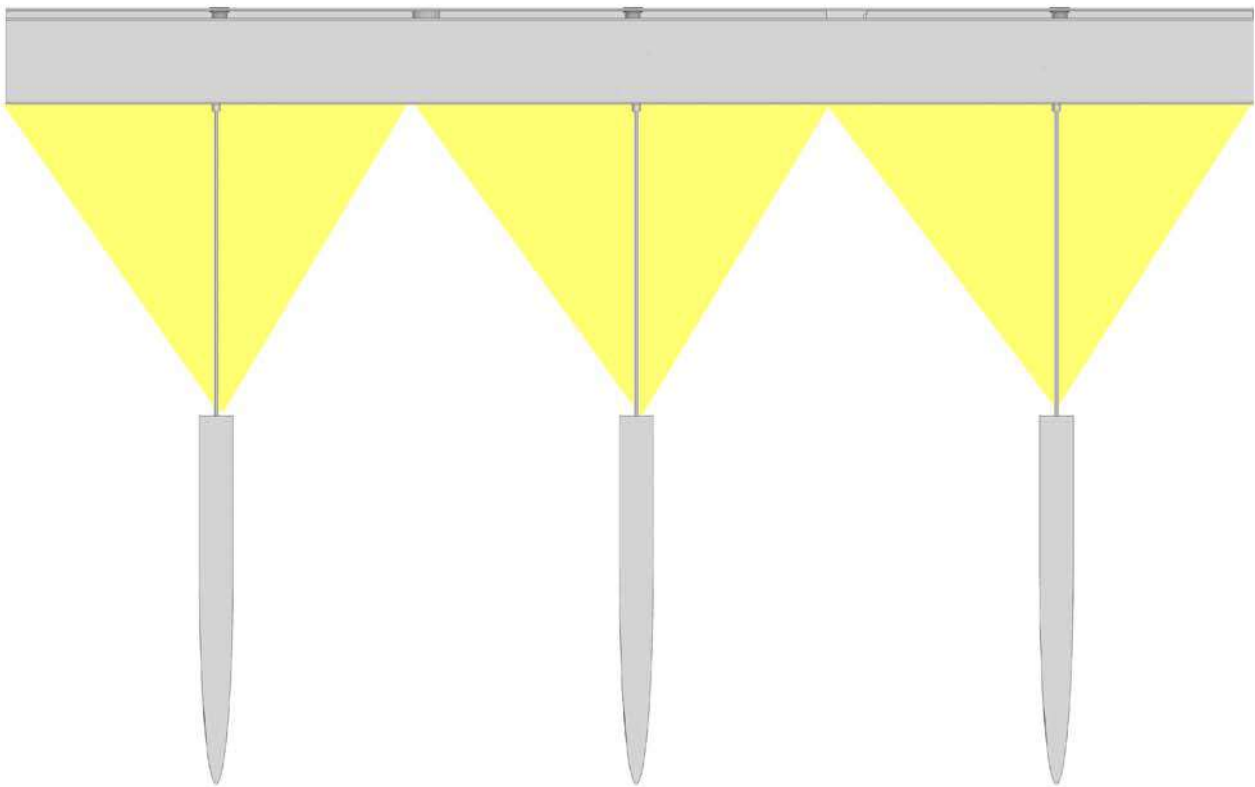
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The enveloping light experience

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

lightsurround

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™.



Technical Data

Electrical data

Rated wattage	14.4 W/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

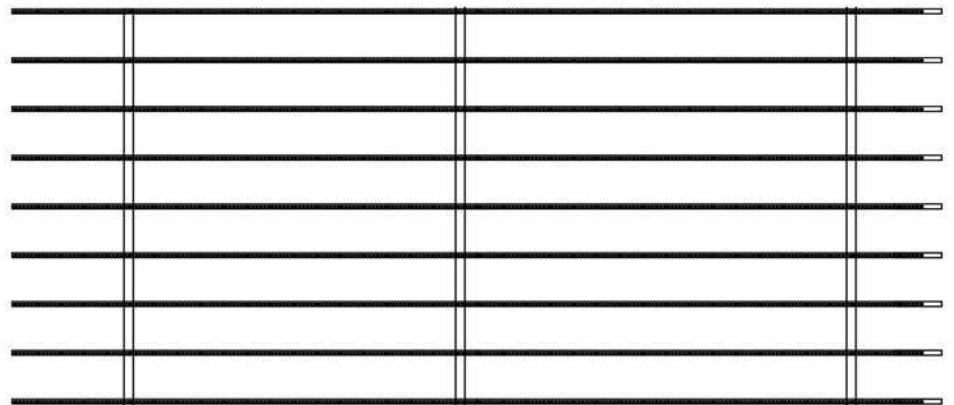
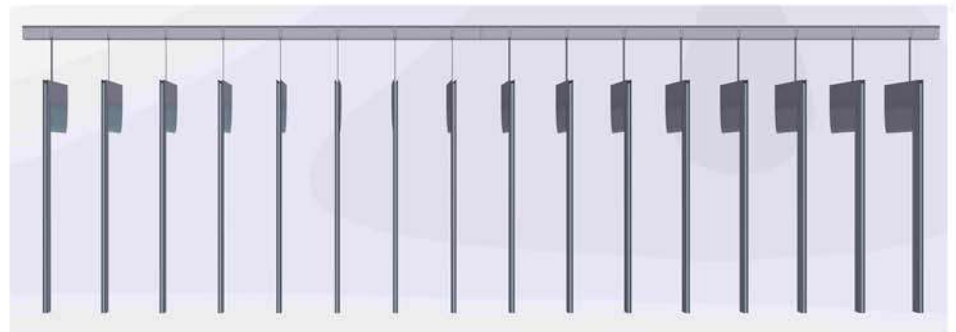
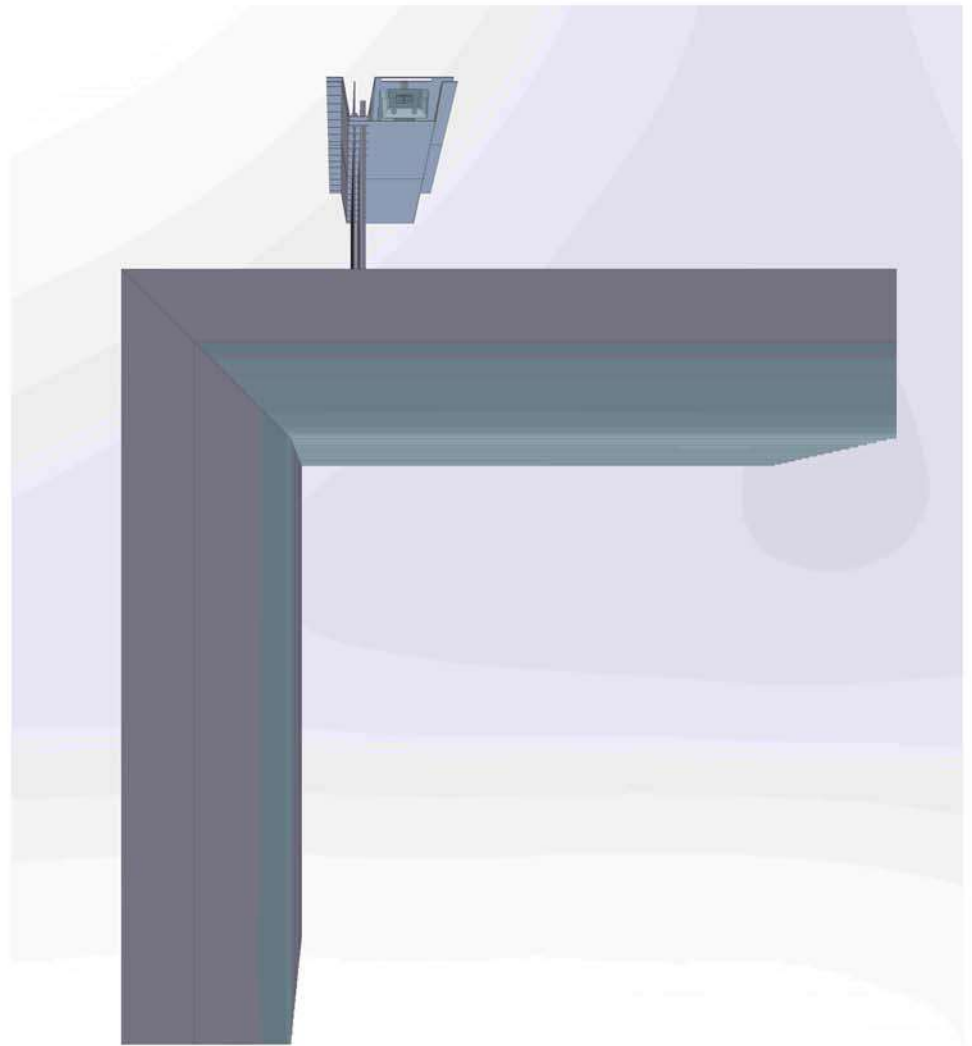
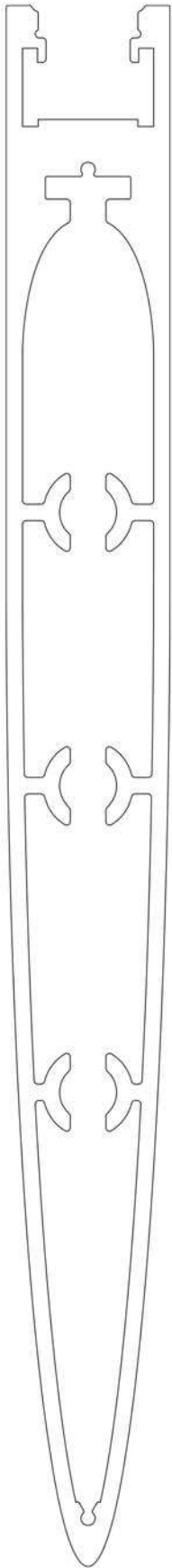
Max. length	6000mm
Width	23mm
Height	219mm
Weight	6kg/m

System specifications

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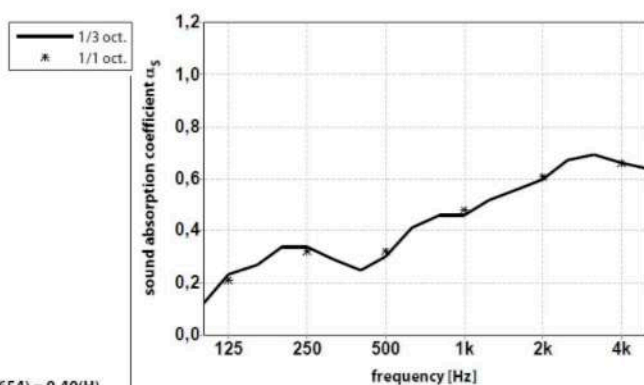
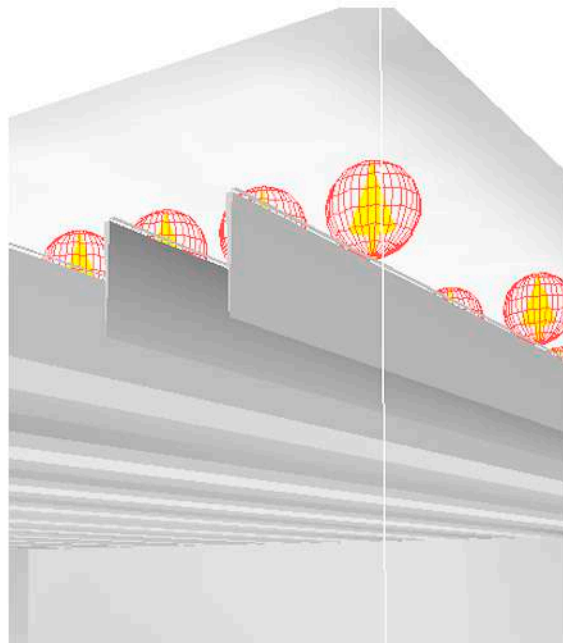
WING
REAL SIZE



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.



α_w (ISO 11654) = 0,40(H)

NRC (ASTM - C423) = 0,45

SAA (ASTM - C423) = 0,43

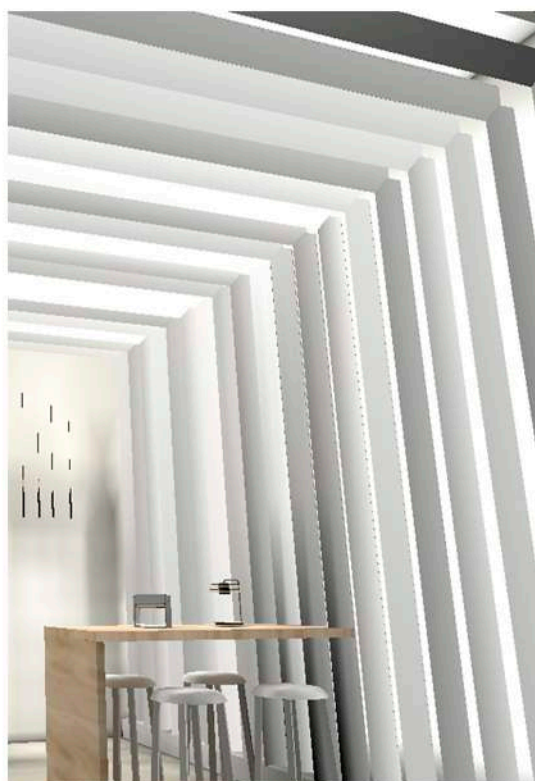
Acoustic diffusion

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.



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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.



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