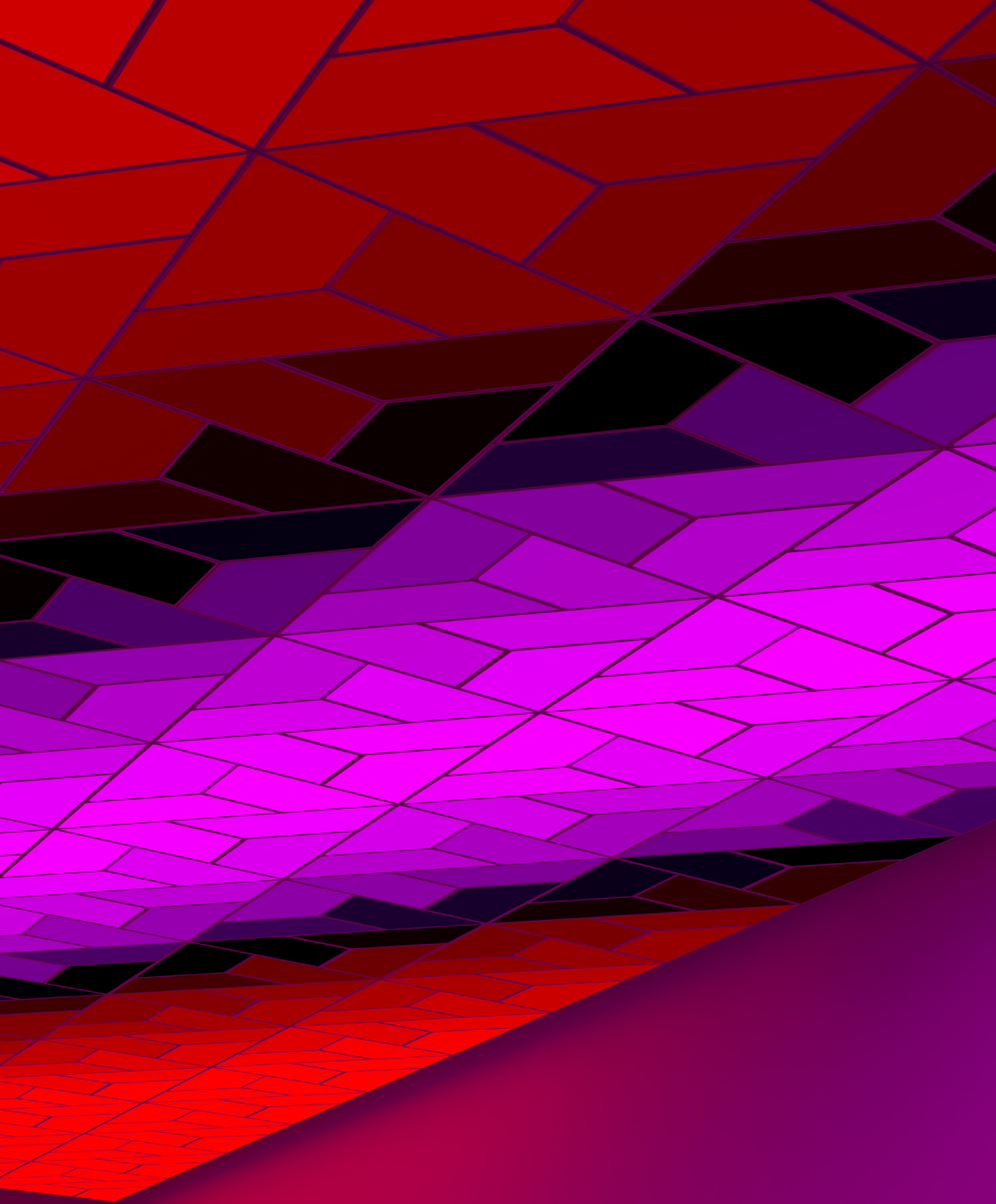




CLUSTER

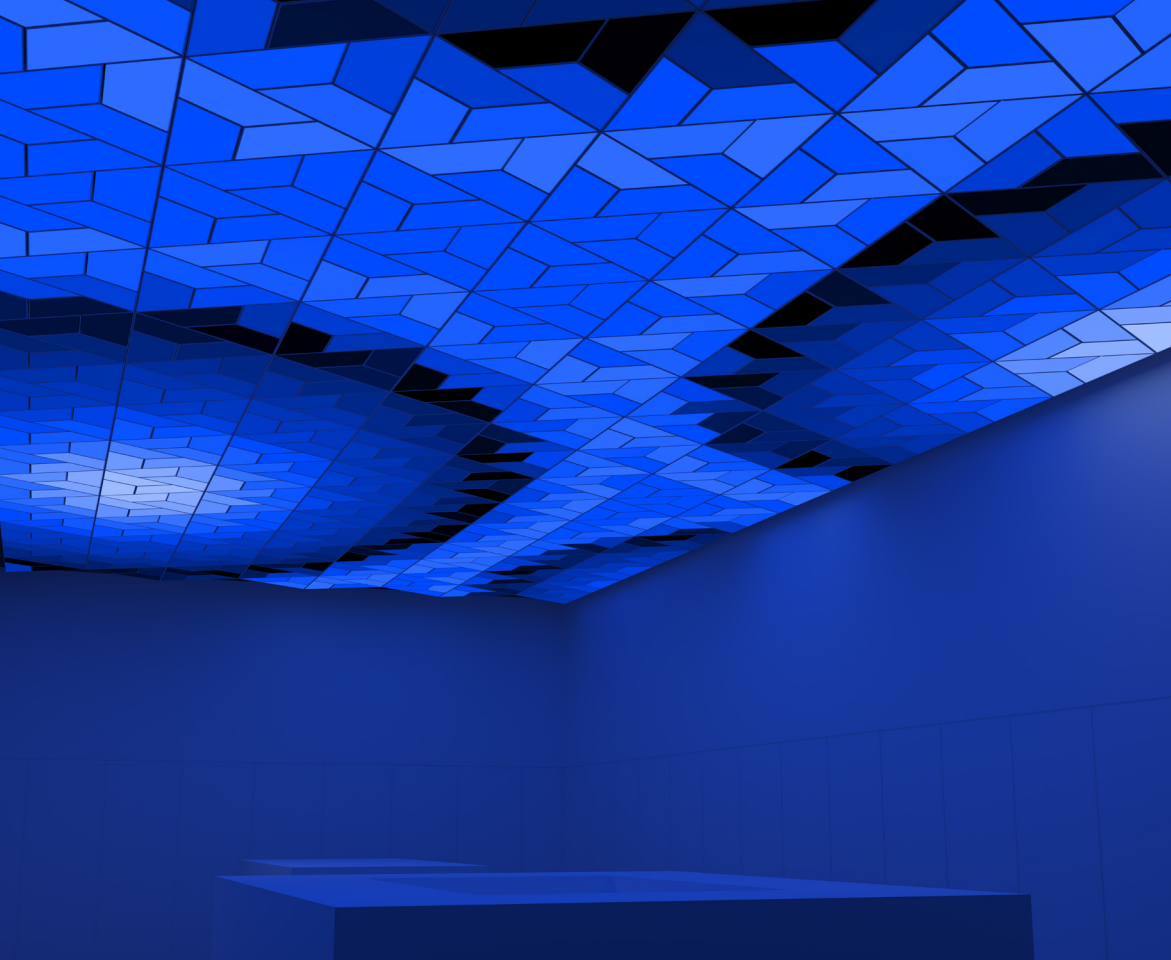
BY CASTAN ILUMINACIÓN



Luminous surfaces

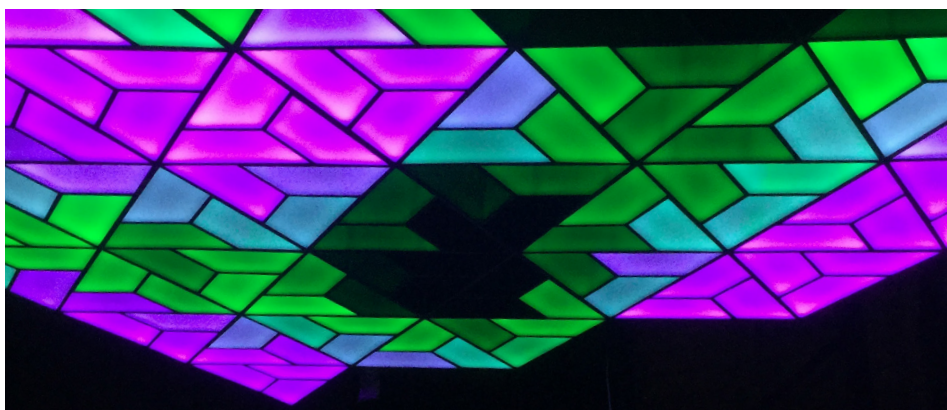
Tessellated luminous surfaces are inspired in nature's fractals. With infinite creative possibilities, as a function of the diverse geometrical shapes and the multimedia contents tailoring, the CLUSTER tessellations are unique.

The result is LIGHTSURROUND: the experience of suffusing lighting. As in nature, if the concept is developed in large format, the visual impact becomes greatly enhanced.



CLUSTER tessellations

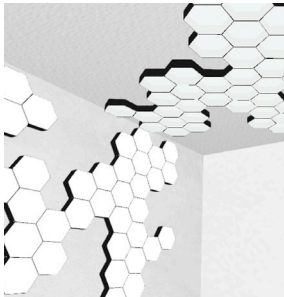
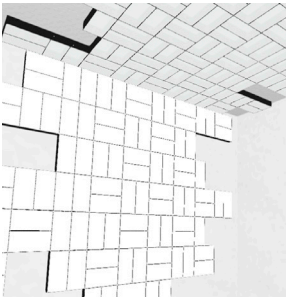
The CLUSTER tessellations are light-fixture patterns covering completely any flat surface without open spaces or superimposed elements. These patterns are achieved with identical copies of the elements cladding the surfaces. CLUSTER tessellations form a fragmented luminous surface where the individual control of the fixtures creates dynamic clusters. The scenic result is stunning, magical, and unique.



Shapes and surfaces

With square, rectangular, hexagonal, or trapezoidal shapes, the light fixtures forming the CLUSTER tessellations adjust to any horizontal or vertical surface.

Though mathematically it is possible to completely clad any surface, irregular spatial distributions of CLUSTER tessellations will expand the designer's creative possibilities.



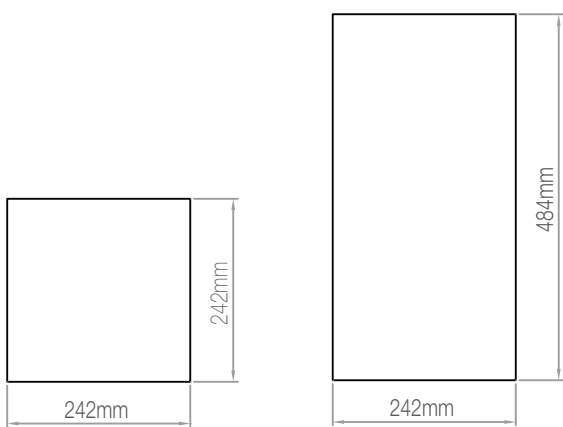
Pixel front view

Pixel back view



Technical Data

	Quadrat	Rectangle
Electrical data		
Rated wattage	7 W	10.5 W
Nominal voltage	24 V	24 V
Power factor	0.8	0.8
Photometrical data		
Luminous flux	630 lm	945 lm
Color range	2700-4000-RGB	2700-4000-RGB
Color rendering index Ra	>80 - >90	>80 - >90
Lumen maint. fact.	L70 @25°C 50Kh	L70 @25°C 50Kh
Standard deviation color	<5sdcm	<5sdcm
System specifications		
Control	DMX512 - ArtNet	DMX512 - ArtNet
Power supply	Remote 24V	Remote 24V



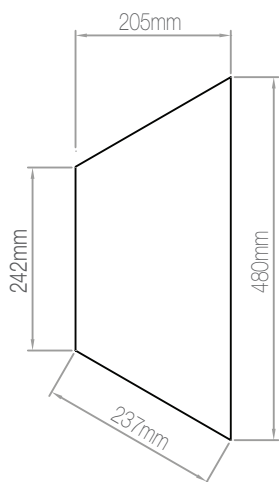
Trapezi

8.5 W
24 V
0.8

765 lm
2700-4000-RGB
>80 - >90
L70 @25°C 50Kh
<5sdcm

DMX512 - ArtNet

Remote 24V



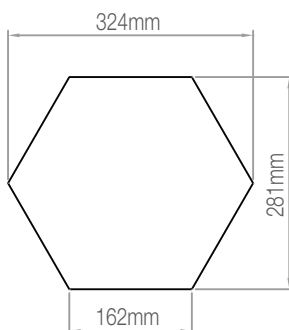
Hexagon

7.0 W
24 V
0.8

630 lm
2700-4000-RGB
>80 - >90
L70 @25°C 50Kh
<5sdcm

DMX512 - ArtNet

Remote 24V





CLUSTER

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