

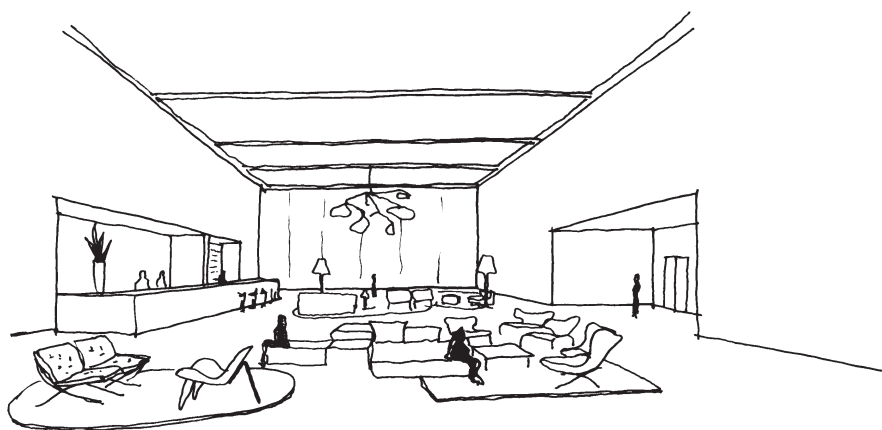
OneSpace Luminous Ceiling

Rethink the ceiling

Product Family Guide

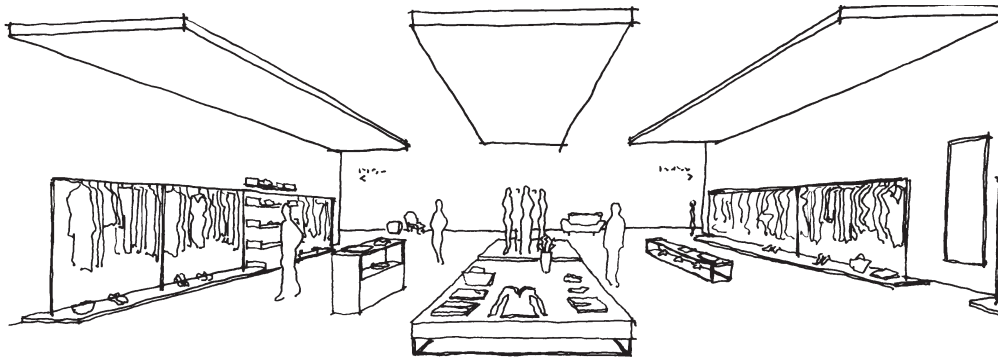
OneSpace – your vision

You asked us to rethink the ceiling, so we did. Now it is a blank canvas awaiting your vision. Our revolutionary OneSpace Luminous Ceiling is an impressive high-quality lighting unit that liberates you from the constraints of conventional ceiling design so you are free to pursue uncluttered minimalistic visions – and transform any interior into one cohesive space with beautiful homogeneous light.



OneSpace Luminous Ceiling enhances the perception of people in public spaces by delivering improved acoustics and a superior daylight experience.

“The ceiling becomes the light, the light becomes the ceiling”



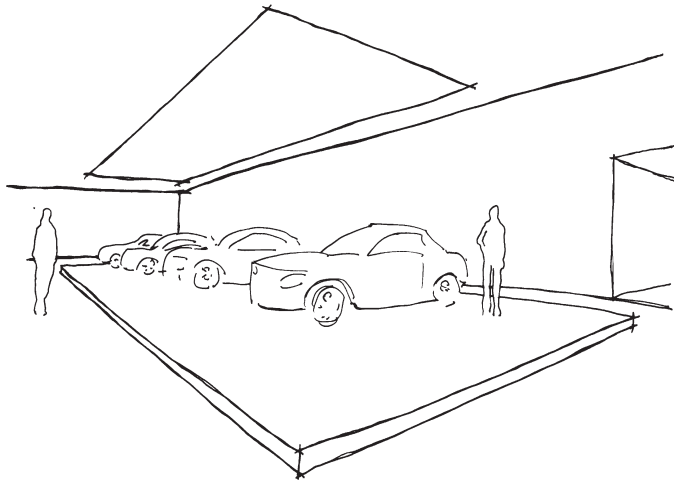
OneSpace Luminous Ceiling offers you multiple mounting possibilities to create stand out designs in retail environments.

Superior homogeneous light

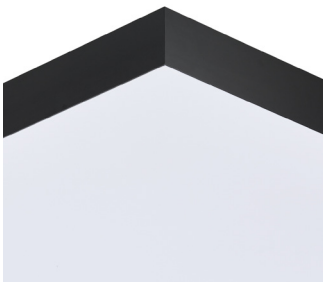
OneSpace Luminous Ceiling integrates LED lights with textile to create a white light ceiling surface that hides the source of light completely. It delivers excellent uniform light distribution for an enhanced daylight experience, which makes it a perfect functional light for any interior. The result is a smooth and clutter-free ceiling of homogeneous light that feels as good as it looks.

Choice of color temperatures

To make it even more versatile, OneSpace Luminous Ceiling is available in 3000 K and 4000 K versions, as well as a tunable white version ranging from 2700 K to 6500 K. So you can tailor the light exactly to your needs.



OneSpace Luminous Ceiling is ideal for showcasing hero products in their true light as it delivers uniform, shadow-free illumination.



The panels blend absolutely into a minimalist design.



E-box accessible from the bottom side of each module for easy maintenance.

Liberating design possibilities

OneSpace Luminous Ceiling opens up new minimalistic lighting design opportunities and transforms any ceiling into a serene and calm space. It is literally a customizable building block for transforming any ceiling into a seamless cohesive space. For ultimate design flexibility, the panels (thickness 120 mm / 4.7 in) sizes from 900 x 3000 mm (3 x 10 ft) up to 3000 x 9900 mm (10 x 33 ft) and can be mounted in multiple ways (free-hanging, ceiling-mounted or recessed). The panels are available with a black and white frame.

Simply smarter

A OneSpace Luminous Ceiling consists of multiple modules, is easy to install and comes with a single piece fabric that is easy to replace. They also integrate perfectly with your building management system. OneSpace Luminous Ceiling combines class-leading features and competitive pricing to offer excellent value.

Sensory enhancing

OneSpace Luminous Ceiling not only makes spaces look great, it enhances your experience of them. It delivers bright, uniform glare-free light that eliminates shadows completely, so you can see more clearly and view objects in their true light. It even enhances room acoustics by reducing disturbing sound reflections.

Rethink your next ceiling design at:
www.colorkinetics.com/onespace

Specifications

Due to continuous improvements and innovations, specifications may change without notice.

OneSpace Luminous Ceiling

General characteristics

Light level at 100% (for 4000 K version)

Europe	3,200 lm/m ² @45 W/m ²
United States	Typical 300 lm/ft ² (300 FC) @4,18 W/ft ²
CCT LED Color: single color tunable white	3000 K, 4000 K 2700 to 6500 K
Range depends on dimension and power setting	
UGR	≤ 19 @100% light output ≤ 16 @ 50% light output
Color rendering index	> 88 R9 > 35
Maintenance factor L70	50,000 hours
Dimming	Between 10 and 100%
Acoustic properties	α_w 0.6 class C EN 11654 α_w 0.8 class in speech area
Noise Reduction Coefficient	NRC 0.6 ASTM C423 – 99

Product characteristics

Ceiling panel

Luminaire type	Non-user replaceable light source
Thickness	120 mm (4.7 in) total height <i>Thickness excludes mounting and hoisting parts</i>
Front material	Polyester
Frame edge color	Matte black (standard) Matte white (optional)
Shape	Rectangular
Mounting interface	4 nut plates m6/m8 m8 1/4 or 5/16 per module
Maintenance	Fabric can be replaced when mounted to the ceiling Light engines/ drivers in E-box accessible from the front

E-box

Dimensions	225 x 607 mm (8.9 x 23.9 in)
Thickness	30 mm (1.2 in)
Contains	Drivers and terminal block
Use	Only for use with OneSpace (default mounted on the back of the panel)
Europe	M16 cable glands for DALI and mains
United States	3/4" knock-out holes for (flexible) conduits



Standard panel dimensions and weights (without packaging)

Panels available in 300 mm (12 in) increments
Minimum: 900 x 3300 x 120 mm (36 x 132 x 4.72 in)
Maximum: 3000 x 9900 x 120 mm (120 x 396 x 4.72 in)
(Width x Depth x Height excluding mounting elements)

OneSpace Luminous Ceiling comes in modules, that are assembled at the factory.
Panel assembly is done on location.

Weight	25 to 250 kg (58 to 517 lbs)
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Control interface

Europe	DALI (Digital Addressable Lighting Interface) TW DALI 207 commands
United States	DALI or 0-10 V

Input voltage / frequency

Europe (CE version)	220 to 240 Vac / 50 to 60 Hz
United States / Canada (UL version)	120 to 277 Vac / 50 to 60 Hz

Input power

45 W/m² (default)

Other power settings available on request.

Temperature characteristics

Ambient temperature	5 to 35 °C (41 to 95 °F)
Relative humidity	< 95% non-condensing
Indoor use only	IP20

Approbation / compliance

Fire safety

Europe	Fabric (EN 13501) B-s1, d0 Panel (EN 13501) B-s2, d0
United States	UL723 (ASTM E84)

Emergency Lighting

Europe: centrally supplied emergency luminaire	IEC60598-2-22***
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Approbation

Europe	CE
United States / Canada	UL and c-UL listed

The light engine (LED module) is an integrated component of this OneSpace Luminous Ceiling, and may not be used as a stand-alone light engine. It is only suitable for connection to a SELV driver.

*** The CE version of this OneSpace Luminous Ceiling is certified as a centrally supplied emergency luminaire according to IEC60598-2-22. The panel should be supplied with a suitable DC voltage (200 to 250 Vdc) in order to change over to emergency luminaire function. In this state, the OneSpace Luminous Ceiling generates a total light output of at least 120 lm for the smallest size.

OneSpace Luminous Ceiling accessories (not included)

Accessories	12 NC order number	Pieces in one set	Required sets per panel
Wire kit CE	9137 052 00000	4	1 to 9 (depending on panel size)
Wire kit UL	9137 052 00076	4	1 to 9 (depending on panel size)

Ordering information

For more information visit www.colorkinetics.com/onespace



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