OneSpace
Luminous Ceiling

Rethink the ceiling
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”

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.
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

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

<table>
<thead>
<tr>
<th>Region</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Europe</td>
<td>3,200 lm/m² @45 W/m²</td>
</tr>
<tr>
<td>United States</td>
<td>Typical 300 lm/ft² (300 FC) @4,18 W/ft²</td>
</tr>
</tbody>
</table>

CCT LED Color: single color tunable white

Range depends on dimension and power setting

<table>
<thead>
<tr>
<th>Region</th>
<th>UGR 100%</th>
<th>UGR 50%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Europe</td>
<td>≤ 19</td>
<td>≤ 16</td>
</tr>
<tr>
<td>United States</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Color rendering index

<table>
<thead>
<tr>
<th>Region</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Europe</td>
<td>&gt; 88</td>
</tr>
<tr>
<td>United States</td>
<td>R9 &gt; 35</td>
</tr>
</tbody>
</table>

Maintenance factor L70

50,000 hours

Dimming

Between 10 and 100%

Acoustic properties

<table>
<thead>
<tr>
<th>Region</th>
<th>Acoustic property</th>
</tr>
</thead>
<tbody>
<tr>
<td>Europe</td>
<td>α_w 0.6 class C EN 11654</td>
</tr>
<tr>
<td>United States</td>
<td>α_w 0.8 class in speech area</td>
</tr>
</tbody>
</table>

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

*Thickness excludes mounting and hoisting parts*

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)**

<table>
<thead>
<tr>
<th>Region</th>
<th>Length</th>
<th>Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>CE</td>
<td>3,000 x 9,900 mm*</td>
<td>900 x 3,000 mm*</td>
</tr>
<tr>
<td>UL</td>
<td>(10 x 33 ft)**</td>
<td>(3 x 10 ft)**</td>
</tr>
</tbody>
</table>

* For EU; sizes in steps of 300 mm
** For US; sizes in steps of 1 ft

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

<table>
<thead>
<tr>
<th>Region</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>CE</td>
<td>25 to 250 kg</td>
</tr>
<tr>
<td>UL</td>
<td>(58 to 517 lbs)</td>
</tr>
</tbody>
</table>

**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

120 to 277 Vac / 50 to 60 Hz

(UL version)

**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***

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)

<table>
<thead>
<tr>
<th>Accessories</th>
<th>12 NC order number</th>
<th>Pieces in one set</th>
<th>Required sets per panel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire kit CE</td>
<td>9137 052 00000</td>
<td>4</td>
<td>1 to 9 (depending on panel size)</td>
</tr>
<tr>
<td>Wire kit UL</td>
<td>9137 052 00076</td>
<td>4</td>
<td>1 to 9 (depending on panel size)</td>
</tr>
</tbody>
</table>

Ordering information
For more information visit www.colorkinetics.com/onespace