RE-THINK THE CEILING

Philips OneSpace luminous ceiling
OneSpace – your vision

You asked us to re-think the ceiling, so we did. Now it’s a blank canvas awaiting your vision. Our revolutionary OneSpace luminous ceiling is a made-to-measure panel that liberates you from the constraints of conventional ceiling design so you’re free to pursue uncluttered minimalistic visions – and transform any interior into one cohesive space with beautiful homogeneous light.

OneSpace enhances people’s perceptions of public spaces by delivering improved acoustics and a superior daylight experience.
Superior homogeneous light
OneSpace 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 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.

* Range depends on dimension and power setting.

Liberating design possibilities
OneSpace 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 ultra-thin (120 mm / 4.7 in) panel is available in made-to-measure sizes (up to 9.9 x 3 m / 33 x 10 ft), and can be mounted in multiple ways (free-hanging, ceiling-mounted or recessed). There is also the option to choose the panel’s edge color.

Simply smarter
The ceiling-mounted panels are simple to install and easy to maintain. They also integrate perfectly with your building management system. OneSpace combines class-leading features and competitive pricing to offer excellent value.

Sensory enhancing
OneSpace 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.

"The ceiling becomes the light, the light becomes the ceiling."

OneSpace offers you multiple mounting possibilities to create standout designs in retail environments.

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

Re-think your next ceiling design at: largeluminoussurfaces.com/onespace
Specifications

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

Philips OneSpace luminous ceiling

**General characteristics**

- **Light level (100%)**
  - Europe: 3,200 lm/m² @45 W/m² (for 4000K version)
  - United States: Typical 300 lm/ft² (300 FC) @4.18 W/ft²
- **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
  - Rg > 35
- **Maintenance factor L70** 50,000 hours
- **Dimming** Between 10% and 100%

**Acoustic properties**

- **αw** 0.6 class C EN 11654
- **αw** 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 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**
  - Europe: 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 a OneSpace panel (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

**OneSpace 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>Depending on size of panel 1-9 sets</td>
</tr>
<tr>
<td>Wire kit UL</td>
<td>9137 052 00076</td>
<td>4</td>
<td>Depending on size of panel 1-9 sets</td>
</tr>
</tbody>
</table>

**Standard panel dimensions and weights (without packaging)**

<table>
<thead>
<tr>
<th>Length</th>
<th>CE</th>
<th>3300 x 9900 mm**</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>UL</td>
<td>(11 x 33 ft)**</td>
</tr>
<tr>
<td>Width</td>
<td>CE</td>
<td>900 x 3000 mm**</td>
</tr>
<tr>
<td></td>
<td>UL</td>
<td>(3 x 10 ft)*****</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 (UL version)** 120 to 277 Vac / 50 to 60 Hz

**Input power**

- Europe: 45 W/m² (default)*
  - * Other power settings available on request.
- United States / Canada: 3/4" knock-out holes for (flexible) conduits

**Temperature characteristics**

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

**Emergency Lighting**

- **Europe** centrally supplied emergency luminaire
  - IEC60598-2-22****
  - Approval
    - Europe: CE
    - United States: UL723 (ASTM E84)

**Approximation / compliance**

- **Europe**
  - Fabric (EN 13501) B-s1, d0
  - Panel (EN 13501) B-s2, d0
- **United States**
  - UL and c-UL listed

**Fire rating**

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

**Approximation**

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

The light engine (LED module) is an integrated component of this OneSpace panel, 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 panel is certified as a centrally supplied emergency luminaire according to IEC60598-2-22. The OneSpace 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 panel generates a total light output of at least 120 lm for the smallest size.

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