



**PHILIPS**

Large Luminous  
Surfaces

OneSpace

# Re-think **the ceiling**

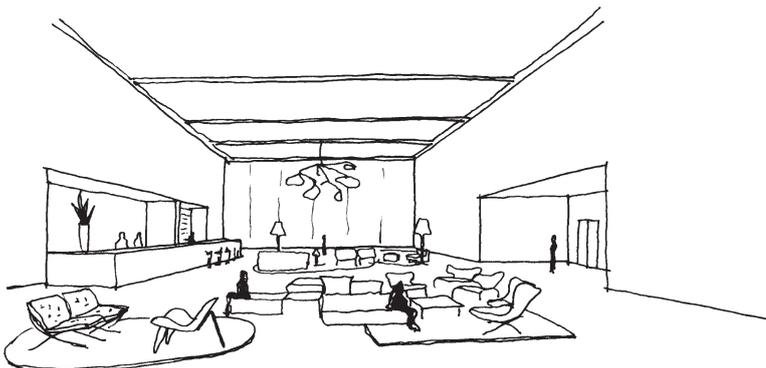
Philips OneSpace luminous ceiling





# OneSpace – your vision

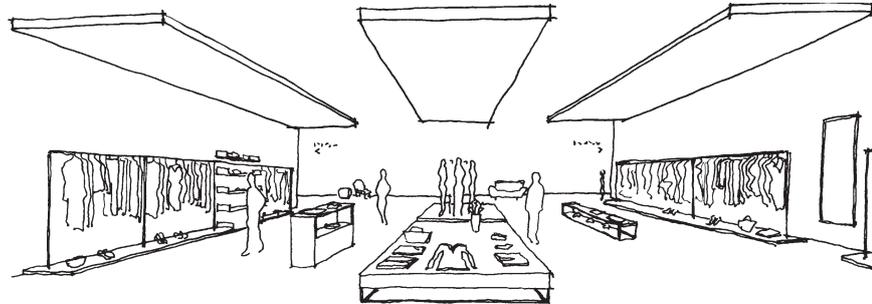
You asked us to re-think the ceiling, so we did. Now it's a blank canvas awaiting your vision. Our revolutionary OneSpace luminous ceiling is a made-to-measure panel that liberates you from the constraints of conventional ceiling design so you're free to pursue uncluttered minimalistic visions – and 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.

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

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



## 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

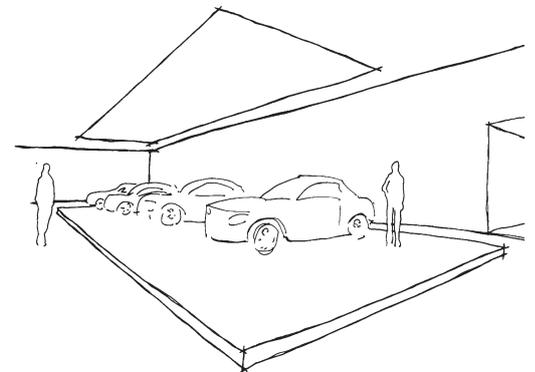
OneSpace not only makes spaces look great, it enhances your experience of them. It delivers bright, uniform glare-free light that eliminates shadows completely, so you can see more clearly and view objects in their true light. It even enhances room acoustics by reducing disturbing sound reflections.



The thin, compact units blend absolutely into a minimalist design.



E-box mounted to the back.



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:  
[lageluminoussurfaces.com/onespace](http://lageluminoussurfaces.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/m <sup>2</sup> @45 W/m <sup>2</sup> (for 4000K version)
United States	Typical 300 lm/ft <sup>2</sup> (300 FC) @4,18 W/ft <sup>2</sup>
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	$\alpha_w$ 0.6 class C EN 11654 $\alpha_w$ 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 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 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)

Accessories	12 NC order number	Pieces in one set	Required sets per panel
Wire kit CE	9137 052 00000	4	Depending on size of panel 1-9 sets
Wire kit UL	9137 052 00076	4	Depending on size of panel 1-9 sets

## Standard panel dimensions and weights (without packaging)

Length	CE	3300 x 9900 mm**
	UL	(11 x 33 ft)**
Width	CE	900 x 3000 mm**
	UL	(3 x 10 ft)**
** For EU: sizes in steps of 300 mm *** For US: sizes in steps of 1 foot		
Weight	CE	25 to 250 kg
	UL	(58 to 517 lbs)

## 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/m<sup>2</sup> (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 rating

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 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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