Phils OneSpace luminous ceiling prefab

Specification sheet

Philips OneSpace luminous ceiling prefab gives light that recalls the feeling of natural daylight, creating a serene and calm space. It transforms any interior with beautiful homogeneous light which feels as good as it looks. The thin compact units blend absolutely in a minimalistic design.

Superior homogeneous light

OneSpace prefab 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 great functional light to work and be under. The result is beautiful homogeneous dimmable light.

Sensory enhancing

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

Liberating design possibilities

New minimalistic lighting design opportunities are opened up with OneSpace prefab. It is literally a building block for ultimate design flexibility. The ultra-thin (120 mm / 4.7 in) panel can be mounted free-hanging or ceiling-mounted to create stand out designs in retail, hospitality and office / meeting room environments.

Simply smarter

The ceiling panel is designed to integrate perfectly with your building management system. OneSpace prefab is a ready to mount unit, which is easy to install and to maintain.
Specifications
Due to continuous improvements and innovations, specifications may change without notice.

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General characteristics
Light level (100%)
Europe  Typical 780 cd/m², 2,500 lm/m²
United States  Typical 72 cd/ft², 232 FC
CCT LED Color  3000 K or 4000 K
Color Rendering Index (CRI) 85
Maintenance factor L70 50,000 hours
Dimming  Between 10% and 100%
Acoustic properties αW 0.80 class B EN 11654
Noise Reduction Coefficient NRC 0.85 ASTM C423 – 99

Product characteristics
Ceiling panel
Dimensions & weight  See table below
Thickness  120 mm (4.7 in) without e-box mounted
155 mm (6.1 in) with e-box mounted
Thickness is excl. mounting and hoisting parts
E-box
Dimensions  255 mm x 572 mm (10.1 in x 22.5 in)
Thickness  44 mm (1.7 in)
Weight  3 kg / 6.6 lb (excl. packaging)
Contains  Drivers and terminal blocks
Use  Only for use with OneSpace luminous ceiling prefab panels (optional mounting on the back of the panel)

Housing
Front material  Polyester
Trim edge color  RAL9011 Graphite
Black Gloss level  30%

Control interface
DALI

Input voltage / power
Europe  220-240 V / 50-60 Hz
United States / Canada  120-277 V / 50-60 Hz
Rest of the world  Voltage on request

Temperature characteristics
Ambient temperature  5° – 35° C (41° – 95° F)
Relative humidity  < 95% non-condensing

Approbation / compliance
Fire rating
Europe  B class: EN 13501: B-s1, d0
United States  UL723 (ASTM E 84)

Approval
Europe  CE
United States / Canada  (c-) UL Listed E307280

Dimensions
Weight (*)  Input power  Lumen output
2.860 mm x 1.733 mm  9.4 ft x 5.7 ft  55 kg (122 lb)  190 W  12.500 lm
2.400 mm x 1.733 mm  7.9 ft x 5.7 ft  51 kg (112 lb)  160 W  10.500 lm
2.860 mm x 1.327 mm  9.4 ft x 4.4 ft  48 kg (106 lb)  150 W  9.500 lm
1.500 mm x 1.500 mm  4.9 ft x 4.9 ft  29 kg (64 lb)  90 W  5.500 lm
2.400 mm x 1.200 mm  7.9 ft x 3.9 ft  41 kg (91 lb)  120 W  7.100 lm
US Only  8.0 ft x 4.0 ft  41 kg (91 lb)  120 W  7.400 lm

(*) The weight is excl. packaging, with e-box mounted on the back of the panel.