Lumiblade OLEDs

Product Catalog OLED Panel GL350

PHILIPS

Philips Lumiblade
OLED Panel GL350

Functional OLED-light

The fascination with light still continues.
When it comes to lighting OLED-technology
inspires on a whole different level. With OLEDS
manufacturers have access to a real areal light-
source for the first time.

A system, that once was indispensable for light-
diffusion, is no longer necessary. Moreover,
there is the unique quality of the light itself. In
combination with other characteristics e.g. the
razor-thin shape and the instant glare-free light
when switched on, OLEDS can be used to realize
innovative applications and designs.

Now, for the first time its strengths can be used
in the field of functional lighting thanks to the new
Philips Lumiblade OLED Panel GL350. Because
of its size (124,5 x 124,5 mm) and its 120-lumen
luminous flux, the new OLED is powerful enough
to use in a table lamp or any other source of
functional lighting.

This, together with its high homogeneity makes it
the first OLED that is suitable for general lighting
purposes: a long awaited new light.
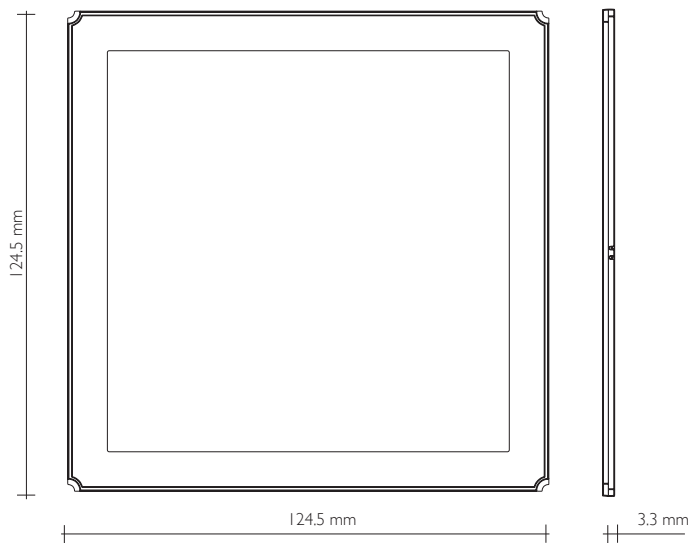
The advantages:

- The first rationally justifiable cost-effectiveness
  ratio for OLED lights.
- Vast homogenous surface area with higher
  light output.
- Ideal for applications in general lighting systems.
- All the know advantages of OLED technology.
- OLEDS are delivered in sets of three,
  providing over 350 lm.

Applications:

Every OLED light-application that is commercially
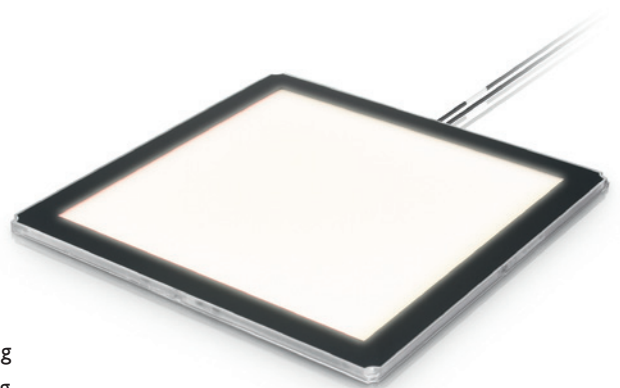viable and easy to implement.
Special light-application for interior spaces that
require beautiful and high performance lighting.

Nominal characteristics

124.5 mm | 124.5 mm | 3.3 mm

GL350	
Dimensions (outer)	124.5 mm x 124.5 mm x 3.3 mm
Dimensions (lit area)	103.8 mm x 103.8 mm
Current	500 mA
Voltage	14.3 V (voltage increase up to 1.6V over lifetime)
Power consumption	7.2 W
Lumen	120 lm
Lumen efficacy	16.7 lm/W
Luminance	4,000 cd/m^2
Color Temperature	3,250 K
Color Rendering Index (CRI)	>90
Color stability index	0.009
Lifetime L50	10,000h
Dimming	AM and PWM dimming possible
Availability	Q2/2012

Product codes:

9254.000.01901 Philips Lumiblade OLED Panel GL350 B1 / silver housing
9254.000.02701 Philips Lumiblade OLED Panel GL350 B1 / black housing
9254.000.01601 Philips Lumiblade OLED Panel GL350 N / no housing

Standards, compliance and sustainability

Philips Lumiblade products are environmentally friendly by avoiding the use of hazardous materials and by providing efficient illumination.

All Philips Lumiblade tiles are compliant with the following standards and regulations:
Directive 2006/95/EC – Low voltage directive
IEC 60598-1
IEC 62031
IEC 62471
Directive 2002/95/EC – RoHS

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