



Product
Concept

Lumiblade OLED Panel Brite FL300

Product Sheet

PHILIPS

Lumiblade OLED Panel Brite FL300



Truly functional OLED-light

When it comes to lighting OLEDs inspire on a whole different level. 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.

With its Lumiblade OLED Panel Brite FL300 Philips brings OLED lighting even more into functional lighting applications. Featuring the most advanced OLED technologies like Thin Film Encapsulation (TFE) and improved thermal management, the new 12 cm by 12 cm OLED shines in a league of its own. With a luminous flux of up to 300 lumen the FL300 is the brightest OLED panel commercially available worldwide.

The Brite FL300 is available at three integration levels making it the ideal building block for every OLED lighting application to be used in the area of functional lighting. And there is more to come.

The FL300 OLED Panel is the first of a family of bright OLEDs in different shapes which will make it easy to bring functional OLED lighting to places or products that require beautiful and functional lighting at the same time.

The advantages:

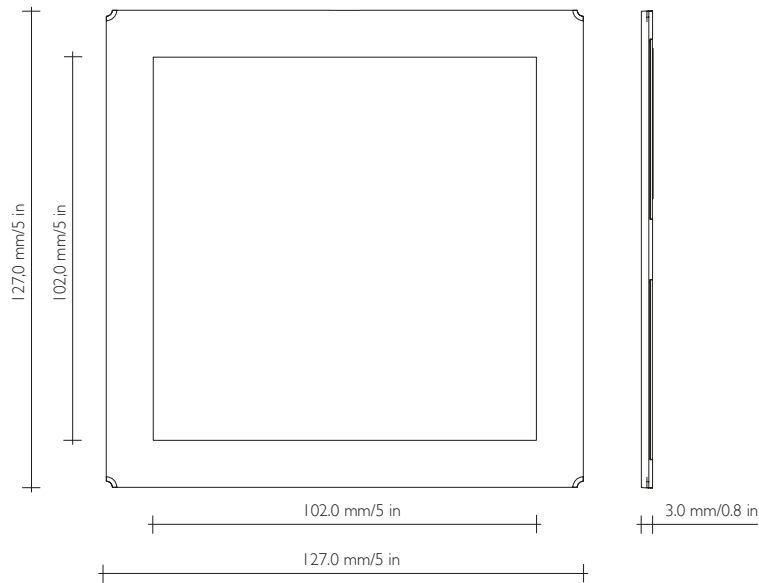
- Brightest OLED panel commercially available with up to 300 lumen at $>50\text{lm/W}$.
- Available in 3,000 K (Q3/2014) and 4,000 K (following).
- Thin Film Encapsulation for ultimate reliability.
- Integrated intelligence for easy and proper driver recognition. Suitable Lumiblade drivers available (including Dali and 0-10V).
- Available at three different integration levels.
- Ideal for applications in general lighting systems.
- All the known advantages of OLED technology.

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



Brite FL300*

integration level	1: OLED with TFE, without wiring	2: OLED with TFE and thermal backplate including wiring	4: OLED with TFE in housing including wiring
product code	9254.000.09400	9254.000.09500	9254.000.09600
description	Philips Lumiblade OLED Panel Brite FL300 ww N	Philips Lumiblade OLED Panel Brite FL300 ww A0	Philips Lumiblade OLED Panel Brite FL300 ww BI PCAL
dimension outer	120.5mm x 120.5mm	127mm x 127mm	127mm x 127mm
dimension lit area	102.4mm x 102.4mm	102.4mm x 102.4mm	102mm x 102mm
thickness	1.4mm	2.1mm	3.0mm
current	340mA		
voltage	19V		
power consumption	6.5W		
lumen	300 lm		
lumen efficacy	>50lm/W		
luminance	9,000cd/m ²		
lifetime L70	10,000h at full brightness (50,000h at 125 lm**)		
color temperature	3,000K, 4,000K***		
CRI	>80		
color stability	0.004		
Availability	Q3 2014		

* preliminary technical data as of February 2014, sizes shown for brite FL300 with housing (9254.000.096000).

** tests pending

*** 3000K in Q3/2014, 4000K following

Standards, compliance and sustainability

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

This product fulfills the EU RoHS (2011/65/EU) directive.



Contact:

Philips Technologie GmbH
Business Center OLED Lighting
Philipsstr. 8, 52068 Aachen, Germany
info@lumiblade-experience.com

For more information visit:

www.lumiblade-experience.com
www.facebook.com/lumiblade
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