



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:

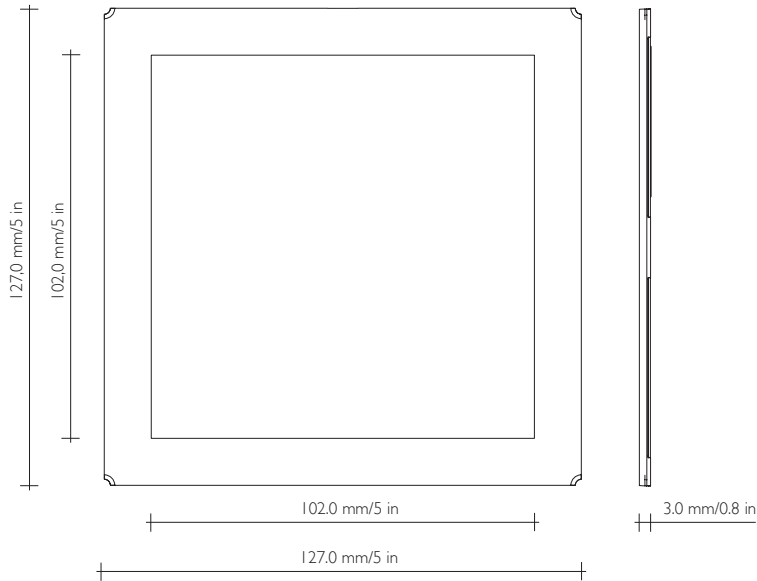
- Brightest OLED panel commercially available with up to 300 lumen and up to 50lm/W.
- Available in 3,000 K (Q3/2014) and 4,000 K (following).
- Thin Film Encapsulation for ultimate reliability.
- Integrated intelligence for easy and proper driver recognition. Suitable Lumiblade drivers available (including 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 ww				
integration level	1: OLED with heat pad, w/o wires	1: OLED with heat pad, w/o wires	2: OLED with metal plate / thermal interface, with wires	4: OLED with metal plate / thermal interface, wires and housing
product code	9254.000.09400	9254.000.11400	9254.000.09500	9254.000.09600
description	Philips Lumiblade OLED Panel Brite FL300 ww N	Philips Lumiblade OLED Panel Brite FL300 ww N w/o Rset	Philips Lumiblade OLED Panel Brite FL300 ww A0	Philips Lumiblade OLED Panel Brite FL300 ww BI PCAL
dimension outer	120.5mm x 120.5mm	120.5mm x 120.5mm	127mm x 127mm	127mm x 127mm
dimension lit area	102.4mm x 102.4mm	102.4mm x 102.4mm	102.4mm x 102.4mm	102mm x 102mm
thickness	1.4mm	1.4mm	2.1mm	3.0mm
current	368mA			
voltage	20V			
power consumption	7.4W			
lumen	300 lm			
lumen efficacy nom.	40 – 50lm/W			
luminance nom.	8,300cd/m ²			
lifetime L70	10,000h at 300lm (50,000h at 115lm)			
color temperature nom.	3,000K, 4,000K*			
CRI nom.	80			
color stability	0.004			
availability	Q3/2014			

* 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.



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