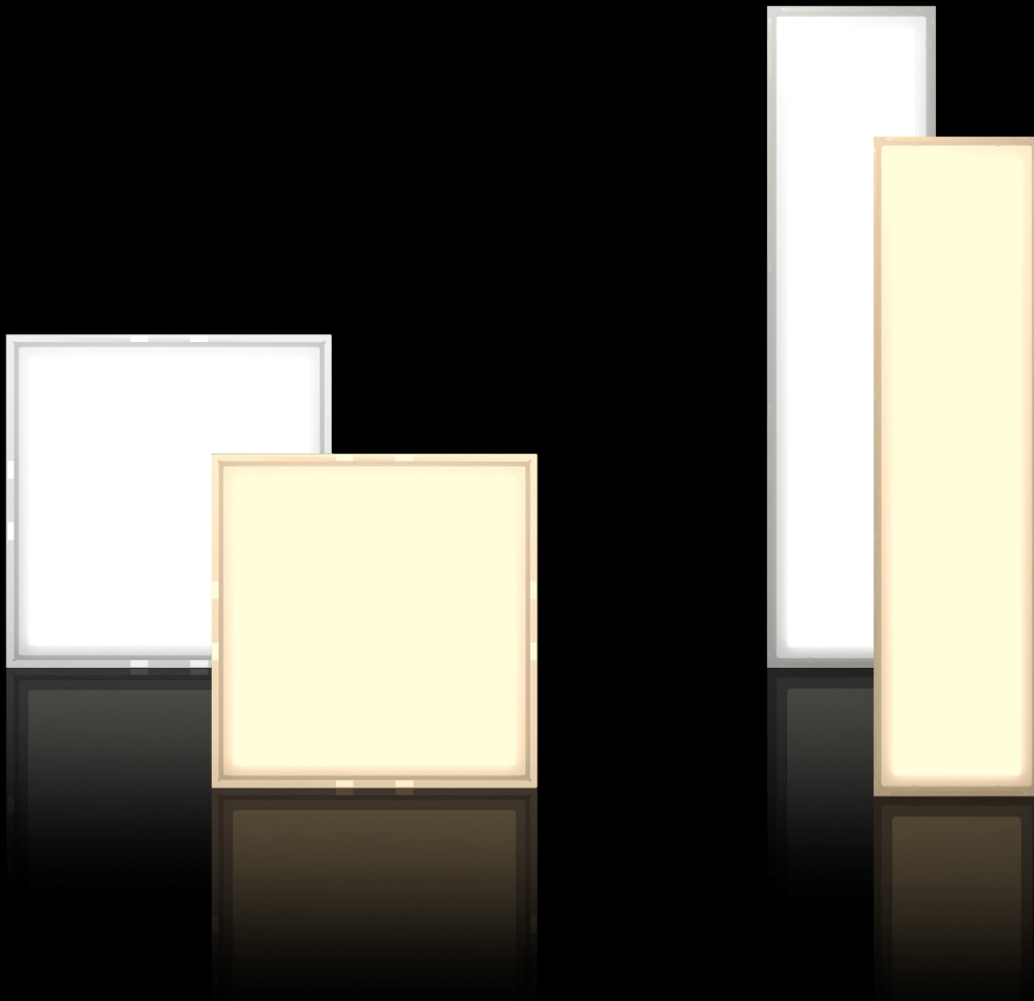


Brite 2 FL300 family

two shapes in warm white and neutral white



Preliminary March 2016

OLEDWorks Lumiblade OLED Panel

Brite 2 FL300 family

Second time 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 2nd generation of the OLED Panel Brite FL300 OLEDWorks brings OLED lighting again further into functional lighting applications. Featuring a more efficient and more beautiful OLED lighting experience.

With the luminous flux of up to 300 lumens the FL300 is still the brightest OLED panel commercially available worldwide.

The Brite 2 FL300 is available at two integration levels making it the ideal building block for every OLED lighting application to be used in the area of functional lighting.

These new FL300 OLED Panels are the second family of bright OLEDs in different shapes which will make it even more easy to bring functional OLED lighting to places or products that require beautiful and functional lighting at the same time.

The new advantages:

Efficient: Efficacy of more than 60lm/w

Beautiful: CRI of >90 and a R9 > 50

Colorful: Available in 3,000K and 4,000K

The well-known advantages:

Brightest OLED panel commercially available with up to 300 lumens.

Thin Film Encapsulation for ultimate reliability.

Available at two different integration levels.

Ideal for applications in general lighting systems.

All the known advantages of OLED technology: – thin – homogenous – instant glare free

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

Brite FL300 ww + Brite FL300L ww

integration level	FL300 ww Level 1	FL300 ww Level 2	FL300L ww Level 1	FL300L ww Level 2
description	OLED panel with thermal interface, w/o wires and resistors	OLED panel with thermal interface, mounting plate, wires and connector	OLED panel with thermal interface, w/o wires and resistors	OLED panel with thermal interface, mounting plate, wires and connector
dimension outer	120.5mm x 120.5mm	127mm x 127mm	62.7mm x 240.6mm	70.2 mm x 248.1mm
dimension lit area	102.4mm x 102.4mm	102.4mm x 102.4mm	46.0mm x 222.0mm	46mm x 222mm
thickness	1.4mm	2.1mm	1.4mm	2.1mm
current	260mA			
voltage	20V			
power consumption	5.2W			
lumen	300 lm			
lumen efficacy	57lm/W @ 300lm (62lm/W @115lm)			
luminance nom.	8,300cd/m ²			
lifetime L70	10,000h at 300lm (50,000h at 115lm)			
color temperature	3,000K			
CRI nom.	>90 (R9 >50)			
color stability	0.004			
availability	end of Q3/2016			

Brite FL300 nw + Brite FL300L nw

integration level	FL300 nw Level 1	FL300 nw Level 2	FL300L nw Level 1	FL300L nw Level 2
description	OLED panel with thermal interface, w/o wires and resistors	OLED panel with thermal interface, mounting plate, wires and connector	OLED panel with thermal interface, w/o wires and resistors	OLED panel with thermal interface, mounting plate, wires and connector
dimension outer	120.5mm x 120.5mm	127mm x 127mm	62.7mm x 240.6mm	70.2 mm x 248.1mm
dimension lit area	102.4mm x 102.4mm	102.4mm x 102.4mm	46.0mm x 222.0mm	46mm x 222mm
thickness	1.4mm	2.1mm	1.4mm	2.1mm
current	260mA			
voltage	20V			
power consumption	5.2W			
lumen	250 lm			
lumen efficacy	46lm/W @ 250lm (50lm/W @100lm)			
luminance nom.	6,900cd/m ²			
lifetime L70	10,000h at 250lm (50,000h at 100lm)			
color temperature	4,000K			
CRI nom.	>90 (R9 >50)			
color stability	0.004			
availability	end of Q3/2016			

Both tables above: Preliminary data, March 2016



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Standards, compliance and sustainability
OLEDWorks GmbH 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.