

Brite 2 FL300 family

two shapes in warm white and neutral white



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, by 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 two different shapes and two different color temperatures 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 60 lm/W

Beautiful: CRI of >90 and a R9 >70

Different: 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 2 FL300 ww + Brite 2 FL300L ww

integration level	FL300 ww N w/o Rset Level 1	FL300 ww A0 Level 2	FL300L ww N w/o Rset Level 1	FL300L ww A0 Level 2
description	OLED panel with thermal interface, w/o wires and resistors	OLED panel with thermal interface, mounting plate, wires w resistors and connector	OLED panel with thermal interface, w/o wires and resistors	OLED panel with thermal interface, mounting plate, wires w resistors 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	102.2mm x 102.2mm	102.2mm x 102.2mm	46.0mm x 221.3mm	46mm x 221.3mm
thickness	1.4mm	2.1mm	1.4mm	2.1mm
current	260mA			
voltage	20.5V			
power consumption	5.3W			
lumen	300 lm			
lumen efficacy	57 lm/W @ 300 lm (63 lm/W @ 100 lm)			
luminance nom.	8,300 cd/m ²			
lifetime L70	10,000h @ 300 lm (50,000h @ 100 lm)			
color temperature	3,000K			
CRI nom.	>90 (R9 >70)			
color stability	0.0027			

Brite 2 FL300 nw + Brite 2 FL300L nw

integration level	FL300 nw N w/o Rset Level 1	FL300 nw A0 Level 2	FL300L nw N w/o Rset Level 1	FL300L nw A0 Level 2
description	OLED panel with thermal interface, w/o wires and resistors	OLED panel with thermal interface, mounting plate, wires w resistors and connector	OLED panel with thermal interface, w/o wires and resistors	OLED panel with thermal interface, mounting plate, wires w resistors 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	102.2mm x 102.2mm	102.2mm x 102.2mm	46.0mm x 221.3mm	46mm x 221.3mm
thickness	1.4mm	2.1mm	1.4mm	2.1mm
current	260mA			
voltage	20.8V			
power consumption	5.4W			
lumen	250 lm			
lumen efficacy	46 lm/W @ 250 lm (50 lm/W @ 100 lm)			
luminance nom.	7,100 cd/m ²			
lifetime L70	10,000h @ 250 lm (50,000h @ 100 lm)			
color temperature	4,000K			
CRI nom.	>90 (R9 >70)			
color stability	0.0020			



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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.