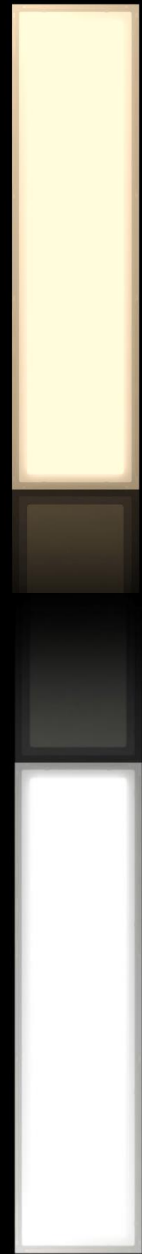
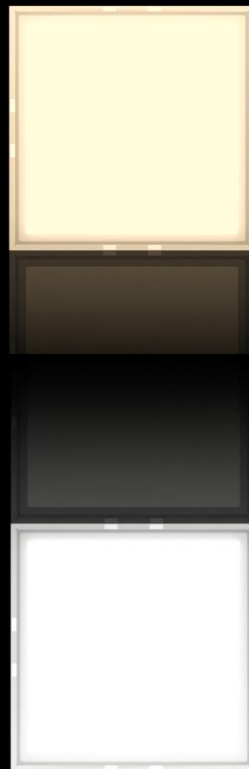


# Brite 3 family

Beautiful, functional and efficient light in three shapes!



OLEDWorks Lumiblade OLED Panel

# Brite 3 family

## Third 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 3<sup>rd</sup> 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 Brite products are still the brightest OLED panel commercially available worldwide.

The Brite 3 FL300 family products are 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 already the third family of bright OLEDs and now in three different shapes and still 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 80 lm/W

Beautiful: CRI of >90 and R9 >50

Different: Available now as well in round

➔ introducing the FL200R – Round shape with up to 200 lumen for Functional Lighting applications

## The well-known advantages:

Brightest OLED panel commercially available with up to 300 lumens.

Thin Film Encapsulation for ultimate reliability.

Available in 3,000K and 4,000K.

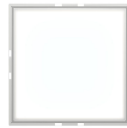
Ideal for applications in functional general lighting systems.

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



warm white

integration level	FL300 ww N Level 1	FL300 ww A0 Level 2	FL300L ww N Level 1	FL300L ww A0 Level 2	FL200R ww N Level 1	FL200R ww A0 Level 2
dimension outer	120.5mm x 120.5mm	127mm x 127mm	62.7mm x 240.6mm	70.2 mm x 248.1mm	113mm diameter	119mm diameter
dimension lit area	102.4mm x 102.4mm	102.4mm x 102.4mm	46.0mm x 222.0mm	46mm x 222mm	94mm diameter	94mm diameter
thickness	1.4mm	2.1mm	1.4mm	2.1mm	1.4mm	2.1mm
current	215mA (70mA @100lm/3,000cd/m <sup>2</sup> )				145mA (45mA @65lm/3,000cd/m <sup>2</sup> )	
voltage	18.7V				18.7V	
power consumption	4W (1.2W @100lm/3,000cd/m <sup>2</sup> )				2.7W (0.8W @65lm/3,000cd/m <sup>2</sup> )	
lumen	300 lm				200 lm	
lumen efficacy nom.	75lm/W @300lm/8,500cd/m <sup>2</sup> (85lm/W @100lm/3,000cd/m <sup>2</sup> )				75lm/W @200lm/8,500cd/m <sup>2</sup> (85lm/W @65lm/3,000cd/m <sup>2</sup> )	
luminance nom.	8,500cd/m <sup>2</sup>				8,500cd/m <sup>2</sup>	
lifetime L70	30,000h @300lm/8,500cd/m <sup>2</sup> (100,000h @100lm/3,000cd/m <sup>2</sup> )				30,000h @200lm/8,500cd/m <sup>2</sup>	
color temperature nom.	3,000K				3,000K	
CRI nom.	>90 (R9 >50)				>90 (R9 >50)	
availability	Q3/2018				Q3/2018	



neutral white

integration level	FL300 nw N Level 1	FL300 nw A0 Level 2	FL300L nw N Level 1	FL300L nw A0 Level 2	FL200R nw N Level 1	FL200R nw A0 Level 2
dimension outer	120.5mm x 120.5mm	127mm x 127mm	62.7mm x 240.6mm	70.2 mm x 248.1mm	113mm diameter	119mm diameter
dimension lit area	102.4mm x 102.4mm	102.4mm x 102.4mm	46.0mm x 222.0mm	46mm x 222mm	94mm diameter	94mm diameter
thickness	1.4mm	2.1mm	1.4mm	2.1mm	1.4mm	2.1mm
current	215mA (90mA @100lm/3,000cd/m <sup>2</sup> )				145mA (60mA @70lm/3,000cd/m <sup>2</sup> )	
voltage	19.6V				19.6V	
power consumption	4.2W (1.7W @100lm/3,000cd/m <sup>2</sup> )				2.8W (1.1W @65lm/3,000cd/m <sup>2</sup> )	
lumen	250lm				165 lm	
lumen efficacy nom.	57lm/W @250lm/7,000cd/m <sup>2</sup> (61lm/W @100lm/3,000cd/m <sup>2</sup> )				57lm/W @165lm/7,000cd/m <sup>2</sup> (61lm/W @65lm/3,000cd/m <sup>2</sup> )	
luminance nom.	7,000cd/m <sup>2</sup>				7,000cd/m <sup>2</sup>	
lifetime L70	30,000h @250lm/7,000cd/m <sup>2</sup> (100,000h @100lm/3,000cd/m <sup>2</sup> )				30,000h @165lm/7,000cd/m <sup>2</sup>	
color temperature nom.	4,000K				4,000K	
CRI nom.	>90 (R9 >75)				>90 (R9 >75)	
availability	Q3/2018				Q3/2018	



OLEDWorks LLC  
1645 Lyell Avenue, Suite 140  
Rochester, NY 14606, USA

OLEDWorks GmbH  
Philipsstr. 8, 52068 Aachen, Germany

[OWinfo@oledworks.com](mailto:OWinfo@oledworks.com)

For more information visit:  
[www.oledworks.com](http://www.oledworks.com)  
[www.facebook.com/oledworks](https://www.facebook.com/oledworks)  
[www.twitter.com/oledworks](https://www.twitter.com/oledworks)  
[www.instagram.com/oledworksllc](https://www.instagram.com/oledworksllc)

© 2018 OLEDWorks LLC  
All rights reserved. Correct as of September 2018

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.