

BendOLED - Brite 3 *CURVE*

Start to bend your Brite!



OLEDWorks BendOLED Lighting

Brite 3 *CURVE*

Now it's time to bend!

After the huge success of the brightest OLED Lighting panel in the market Brite FL300, with the now already third generation and further improvements in efficacy and lifetime, OLEDWorks introduces another improvement of their Brite panels, now feel free to bend it! For the first time ever the panel is bendable up to radius of less than 10cm while still providing the high brightness and high reliability of the Brite panels.

The only bendable panel on the market processed on 0.1mm thin Corning Willow® glass allowing the total thinness of the panel to be just about 0.5mm. That thinness offers completely new opportunities and application areas. The integration of light becomes as easy as handling a piece of paper. And at the same time being still very bright and reliable that it can easily fulfil the requirements of a functional light source.

The Brite 3 Curve is the perfect combination of design freedom and excellent light performance. Therefore it's also called BendOLED – so, start to bend your Brite!

The new advantages of the Brite 3 CURVE:

Bendable: In total only half a millimeter thin – Bending radius less than 10cm

Bright: Unique high brightness of more than 8,000cd/m² and light output of 300 lumen

Beautiful: Available like the whole Brite portfolio in 3,000K and 4,000K with the high CRI of more than 90

➔ introducing the FL300C – Curved shapes possible with up to 300 lumen for Functional Lighting applications

The well-known advantages of the Brite OLED Lighting panels:

Brightest bendable OLED panel commercially available with up to 300 lumens.

Thin Film Encapsulation for ultimate reliability.

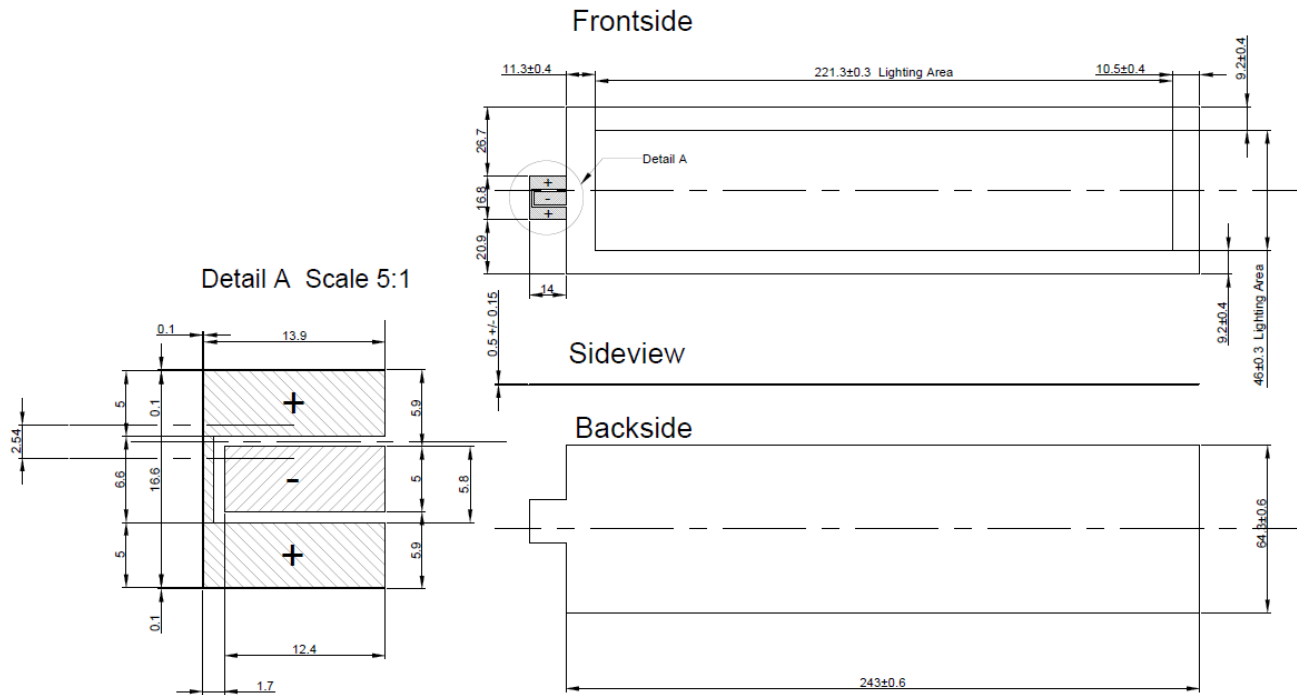
Available in 3,000K and 4,000K.

Ideal for applications in functional general lighting systems.

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

integration level	FL300C ww Level 1	FL300C nw Level 1
current	295mA (100mA @100lm/3,000cd/m ²)	295mA (120mA @100lm/3,000cd/m ²)
voltage	19.5V	20.2V
power consumption	5.8W (1.8W @100lm/3,000cd/m ²)	6.0W (2.2W @100lm/3,000cd/m ²)
lumen	300 lm	250lm
lumen efficacy nom.	52lm/W @300lm/8,300cd/m ² (56lm/W @100lm/3,000cd/m ²)	42lm/W @250lm/7,000cd/m ² (44lm/W @100lm/3,000cd/m ²)
luminance nom.	8,300cd/m ²	7,000cd/m ²
lifetime L70	10,000h @300lm/8,300cd/m ² (50,000h @100lm/3,000cd/m ²)	10,000h @250lm/7,000cd/m ² (50,000h @100lm/3,000cd/m ²)
color temperature nom.	3,000K	4,000K
CRI nom.	>90 (R9 >50)	>93 (R9 >80)
availability	Q4/2018	Q4/2018

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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.