

# LumiCurve Wave FL300C

Start bending your light!



OLEDWorks Lighting



# LumiCurve Wave FL300C

## Now it's time to bend!

After the huge success of the brightest OLED Lighting portfolio Lumiblade, with the already third generation and further improvements in efficacy and lifetime, OLEDWorks introduces the new OLED lighting family LumiCurve, now feel free to bend it! For the first time ever, the panel is bendable to a minimum radius of 10 cm while still providing the high brightness and high reliability of the Lumiblade 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 0.6mm. 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 LumiCurve Wave FL300C is the perfect combination of design freedom and excellent light performance - so, start bending your light!

## The new advantages of the LumiCurve Wave FL300C:

Bendable: In total about half a millimeter thin – minimum bending radius 10 cm

Bright: Unique high brightness of more than 8,000 cd/m<sup>2</sup> and light output of 300 lumen

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

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

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

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

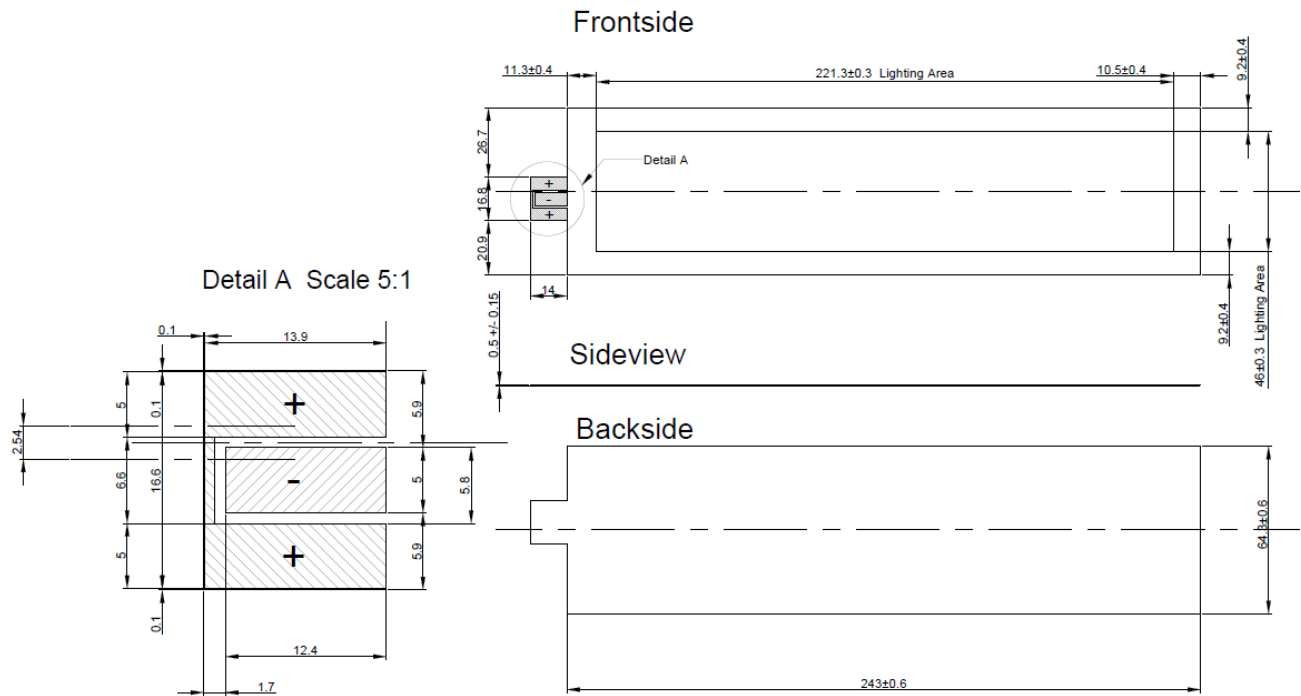
Thin Film Encapsulation for ultimate reliability.

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

	LumiCurve Wave	
integration level	FL300C ww Level 1	FL300C nw Level 1
current	295mA (100mA @100lm/3,000cd/m <sup>2</sup> )	295mA (120mA @100lm/3,000cd/m <sup>2</sup> )
voltage	19V	19.8V
power consumption	5.6W (1.9W @100lm/3,000cd/m <sup>2</sup> )	5.8W (2.4W @100lm/3,000cd/m <sup>2</sup> )
lumen	300 lm	250lm
lumen efficacy nom.	55lm/W @300lm/8,500cd/m <sup>2</sup> (66lm/W @100lm/3,000cd/m <sup>2</sup> )	43lm/W @250lm/7,000cd/m <sup>2</sup> (47lm/W @100lm/3,000cd/m <sup>2</sup> )
luminance nom.	8,500cd/m <sup>2</sup>	7,000cd/m <sup>2</sup>
lifetime L70	10,000h @300lm/8,500cd/m <sup>2</sup> (50,000h @100lm/3,000cd/m <sup>2</sup> )	10,000h @250lm/7,000cd/m <sup>2</sup> (50,000h @100lm/3,000cd/m <sup>2</sup> )
color temperature nom.	3,000K	4,000K
CRI nom.	90 (R9 50)	90 (R9 75)
availability	Q4/2018	Q4/2018





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and by providing efficient illumination.

This product fulfills the EU RoHS (2011/65/EU)  
directive.