



OLEDWorks OLED Panel
Brite FL300 Family
Product Sheet

The Brite FL300 OLED-Family

– the right OLED for every purpose

OLEDs inspire with their full-surface, high-quality light and their thin and barely noticeable heat.

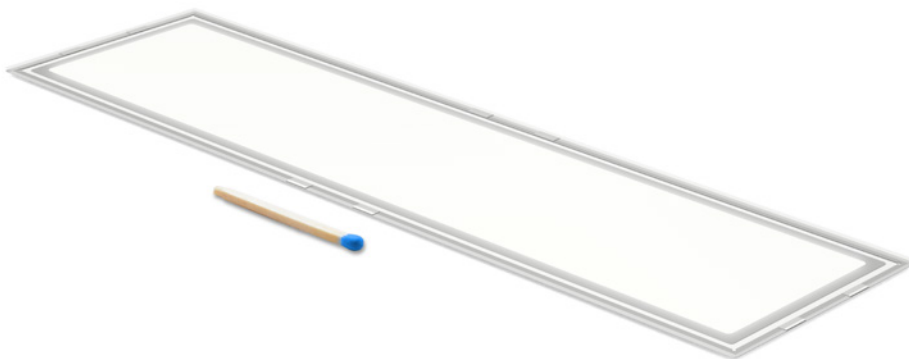
The most modern light source in the world is the ideal building block for unobtrusively integrating light into individual projects.

This is not necessarily limited to traditional lighting applications such as desk lamps or ceiling lights. OLEDs enable new applications beyond the familiar making light an integral part of the whole. An exciting development.

But precisely because each project and each product places different demands on the light source, OLEDWorks offers not only one OLED, but a whole family of them. All of them share the same quality of light. However, they differ in their shape or appearance when turned off. With the Brite FL300 ww, for example, users have access to the world's brightest commercially available OLED. Its 300 lumens enable first-time OLED applications in functional areas. With the Brite FL300 L, OLEDWorks provides the same performance in a rectangular form. Lighting solutions for shelves become child's play. Fi-

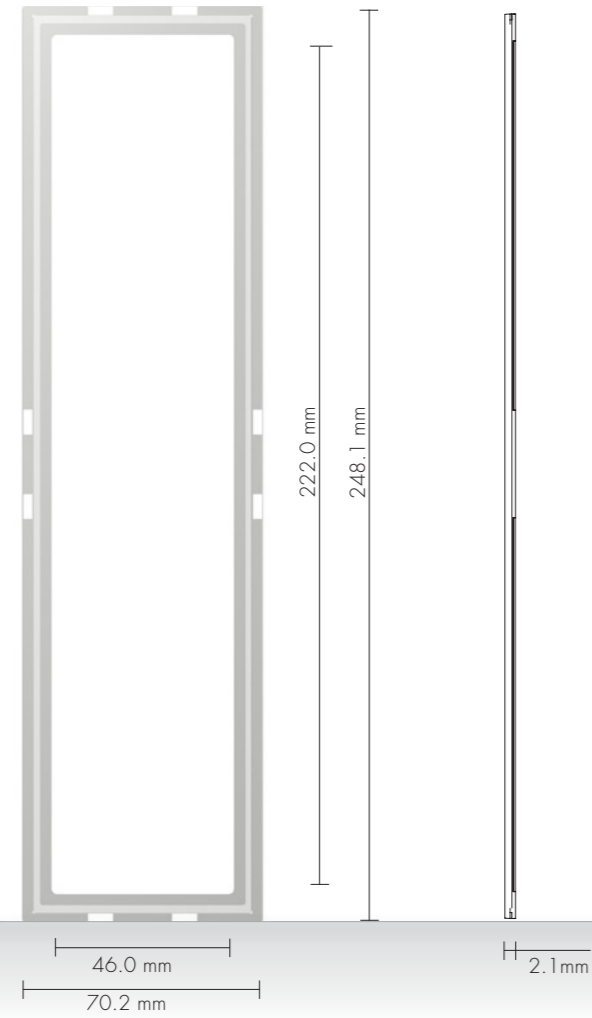


nally, with the FL300 wm and FL300 L wm, OLEDWorks serves all users who prioritize the aesthetic appearance of OLEDs in their off-state over the light's functionality. The OLED looks like a square or rectangular mirror.



OLEDWorks OLED Panel
Brite FL300 L ww

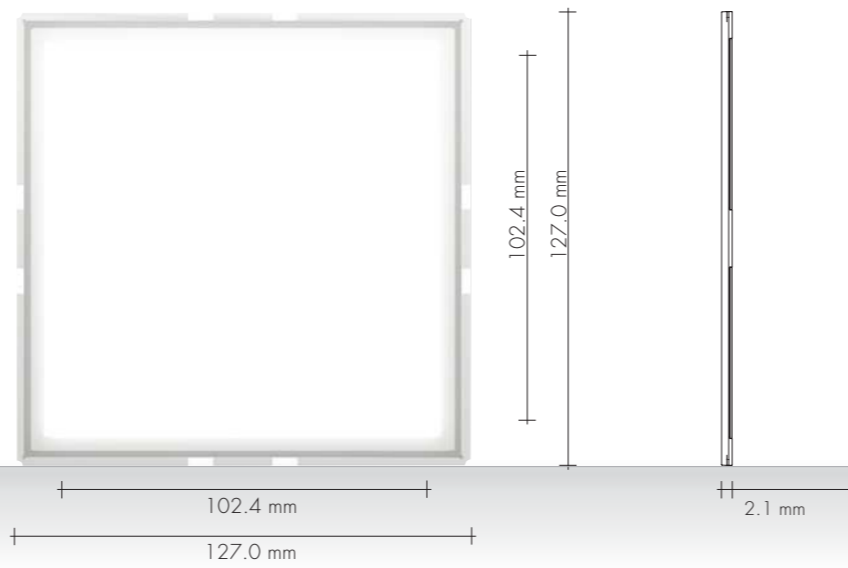
Functional OLED light for the first time in a rectangular shape.



Drawing shows FL300 L ww at integration level 2

OLEDWorks OLED Panel
Brite FL300 ww

The world's brightest commercially available OLED.



Drawing shows FL300 ww at integration level 2

OLEDWorks OLED Panel
Brite FL300 wm
Brite FL300 L wm

OLED lighting tile with decorative mirror surface in off-state.



Drawing shows FL300 wm and FL300 L wm at integration level 2

Brite FL300 L ww

Integration level	1	2
Name	OLED Panel Brite FL300 L ww Level 1 w/o Rset	OLED Panel Brite FL300 L ww Level 2
Description	OLED panel with thermal interface, w/o wires and resistors	OLED panel with thermal interface, mounting plate, wires and resistors
Dimension outer	62.7mm x 240.6mm	70.2 mm x 248.1mm
Dimension lit area	46.0mm x 222mm	46.0mm x 222mm
Thickness	1.4mm	2.1mm
Current	368mA	
Voltage	20V	
Power consumption	7.4W	
Lumen	300lm	
Lumen efficacy	42lm/W at 300lm (46lm/W at 115lm)	
Luminance nom.	8,300cd/m ²	
Lifetime L70	10,000h at 300lm (50,000h at 115lm)	
Color temp. nom.	2,900K	
CRI nom.	80	
Color stability	0.004	

Brite FL300 ww

Integration level	1	1	2	4
Name	OLED Panel Brite FL300 ww Level 1	OLED Panel Brite FL300 ww Level 1 w/o Rset	OLED Panel Brite FL300 ww Level 2	OLED Panel Brite FL300 ww Level 4
Description	OLED panel with thermal interface, w/o wires	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, mounting plate, housing, wires and connector
Dimension outer	120.5mm x 120.5mm	120.5mm x 120.5mm	127mm x 127mm	127mm x 127mm
Dimension lit area	102.4mm x 102.4mm	102.4mm x 102.4mm	102.4mm x 102.4mm	102mm x 102.4mm
Thickness	1.4mm	1.4mm	2.1mm	3mm
Current	368mA			
Voltage	20V			
Power consumption	7.4W			
Lumen	300lm			
Lumen efficacy	42lm/W at 300lm (46lm/W at 115lm)			
Luminance nom.	8,300cd/m ²			
Lifetime L70	10,000h at 300lm (50,000h at 115lm)			
Color temp. nom.	2,900K			
CRI nom.	80			
Color stability	0.004			

Brite FL300 wm

Brite FL300 L wm

Integration level	1	2	4	1	2
Name	OLED Panel Brite FL300 wm Level 1	OLED Panel Brite FL300 wm Level 2	OLED Panel Brite FL300 wm Level 4	OLED Panel Brite FL300 L wm Level 1 w/o Rset	OLED Panel Brite FL300 L wm Level 2
Description	OLED panel with thermal interface, w/o wires	OLED panel with thermal interface, mounting plate, wires and connector	OLED panel with thermal interface, mounting plate, housing 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	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	102mm x 102mm	46mm x 222mm	46mm x 222mm
Thickness	1.3mm	2mm	2.9mm	1.3mm	2mm
Current	368mA				
Voltage	20V				
Power consumption	7.4W				
Lumen	190lm				
Lumen efficacy	26lm/W at 190lm (30lm/W at 74lm)				
Luminance nom.	3,800cd/m ²				
Lifetime L70	10,000h at 190lm (50,000h at 74lm)				
Color temp. nom.	2,500K				
CRI nom.	n/a (due to color over angle)				
Color stability	n/a (due to color over angle)				




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