Lumiblade OLED Panel
Brite FL300 Family
Product Sheet

PHILIPS

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.
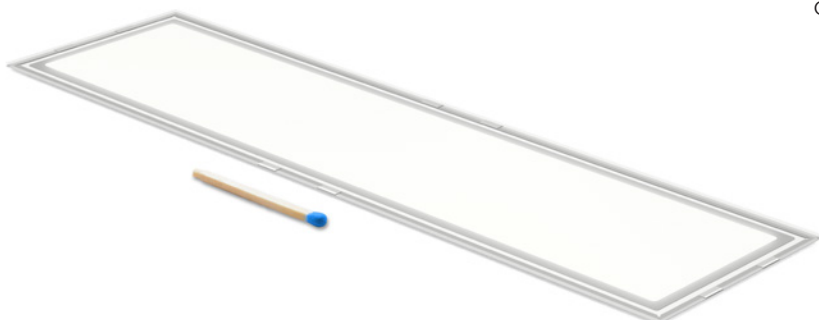The most modern light source in the world is the ideal building block for unobtrusively integrating light into individual projects. This is not necessarily limited to traditional lighting applications such as a desk lamps or ceiling lights. OLEDs enable new applications beyond the familiar making light an integral part of the whole. An exciting development.

But precisely because each project and each product places different demands on the light source, Lumiblade 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.
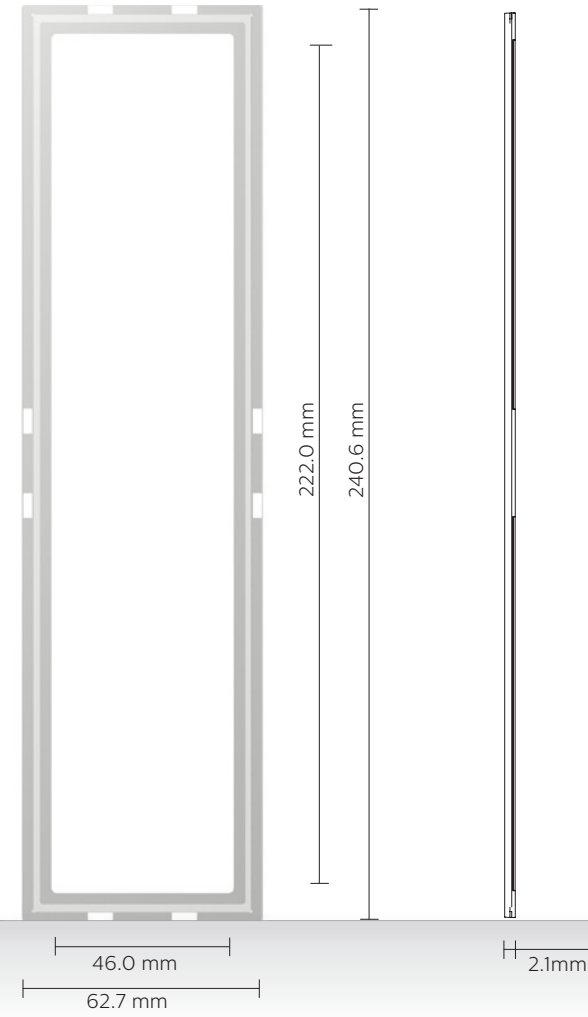
With the Brite FL300 L, Lumiblade provides the same performance in a rectangular form. Lighting solutions for shelves become child's play. Finally, with the FL300 wm and FL300 L wm, Lumiblade serves all users who prioritize the aesthetic appearance of OLEDs in their off-state over the light's functionality. The OLED looks like a square or rectangular mirror.
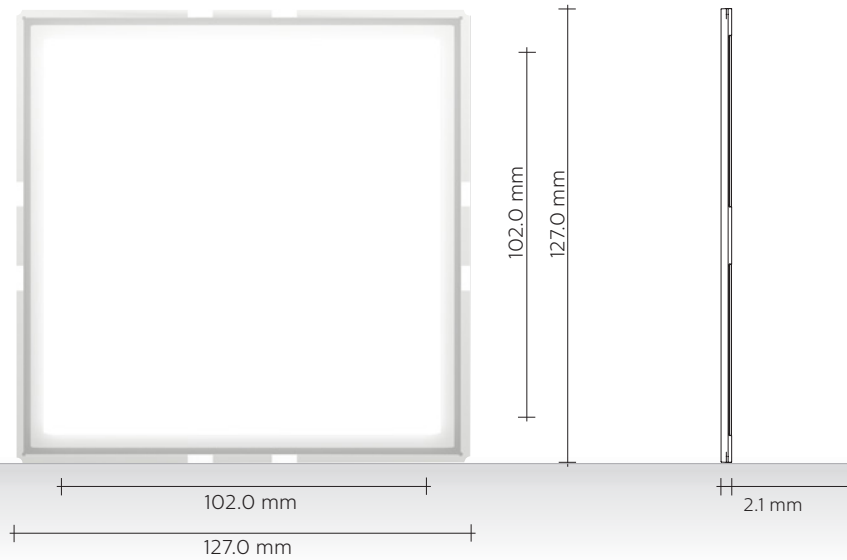
Lumiblade OLED Panel
Brite FL300 L ww

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

222.0 mm · 240.6 mm · 46.0 mm · 62.7 mm · 2.1mm

Drawing shows FL300 L ww at integration level 2

Lumiblade OLED Panel
Brite FL300 ww

The world's brightest commercially available OLED.

102.0 mm · 127.0 mm · 2.1 mm

Drawing shows FL300 ww at integration level 2

Lumiblade 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

Integration level	1	2
Name	Philips Lumiblade OLED Panel Brite FL300 L ww N w/o Rset	Philips Lumiblade OLED Panel Brite FL300 L ww A0
Description	OLED panel with thermal interface, w/o wires	OLED mit TFE und thermischer Rückplatte inklusive Verkabelung
Product Code	9254.000.13200	9254.000.13300
Dimension outer	62.7mm x 240.6mm	67mm x 245mm
Dimension lit area	46.0mm x 222.0mm	46.0mm x 222.0mm
Thickness	1.1mm	2.1mm
Current	368mA	
Voltage	20V	
Power consumption	7.4W	
Lumen	300 lm	
Lumen efficacy nom.	42lm/W at 300lm (46lm/W at 115lm)	
Luminance nom.	8,300cd/m²	
Lifetime L70	10,000h at 300lm (50,000h at 115lm)	
Color temp. nom.	3,000K	
CRI nom.	80	
Color stability	0.004	
Availability	Q3/2015	

Brite FL300 ww

Integration level	1	1	2	4
Name	Philips Lumiblade OLED Panel Brite FL300 ww N	Philips Lumiblade OLED Panel Brite FL300 ww N w/o Rset	Philips Lumiblade OLED Panel Brite FL300 ww A0	Philips Lumiblade OLED Panel Brite FL300 ww B1 PCAL
Description	OLED panel with thermal interface, w/o wires	OLED panel with thermal interface, metal plate, with wires and connector	OLED panel with thermal interface, metal plate, with wires and connector	OLED panel with thermal interface, metal plate and housing, with wires and connector
Product Code	9254.000.09400	9254.000.11400	9254.000.09500	9254.000.09600
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 102mm
Thickness	1.4mm	1.4mm	2.1mm	3.0mm
Current	368mA			
Voltage	20V			
Power consumption	7.4W			
Lumen	300lm			
Lumen efficacy nom.	42lm/W at 300lm (46lm/W at 115lm)			
Luminance nom.	8,300cd/m²			
Lifetime L70	10,000h at 300lm (50,000h at 115lm)			
Color temp. nom.	3,000K			
CRI nom.	80			
Color stability	0.004			
Availability	available			

Brite FL300 wm / Brite FL300 L wm

Integration level	1	2	4	1	2
Name	Philips Lumiblade OLED Panel Brite FL300 wm N	Philips Lumiblade OLED Panel Brite FL300 wm A0	Philips Lumiblade OLED Panel Brite FL300 wm B1 PCAL	Philips Lumiblade OLED Panel Brite FL300 L wm N w/o Rset	Philips Lumiblade OLED Panel Brite FL300 L wm A0
Description	OLED panel with thermal interface, w/o wires	OLED panel with thermal interface, metal plate, with wires and connector	OLED panel with thermal interface, metal plate, with wires and connector	OLED panel with thermal interface, w/o wires	OLED panel with thermal interface, metal plate, with wires and connector
Product Code	9254.000.12500	9254.000.12600	9254.000.12700	9254.000.12900	9254.000.13000
Dimension outer	120.5mm x 120.5mm	127mm x 127mm	127mm x 127mm	62.7mm x 240.6mm	62.7mm x 240.6mm
Dimension lit area	102.4mm x 102.4mm	102.4mm x 102.4mm	102mm x 102mm	46.0mm x 222.0mm	46.0mm x 222.0mm
Thickness	1.8mm	2.0mm	2.9mm	1.8mm	2.0mm
Current	368mA			368mA	
Voltage	20V			20V	
Power consumption	7.4W			7.4W	
Lumen	190lm			190lm	
Lumen efficacy nom.	wm 26lm/W at 190lm (30lm/W at 74lm)			wm 26lm/W at 190lm (30lm/W at 74lm)	
Luminance nom.	3,800cd/m²			3,800cd/m²	
Lifetime L70	10,000h at 190lm (50,000h at 74lm)			10,000h at 190lm (50,000h at 74lm)	
Color temp. nom.	2,500K			2,500K	
CRI nom.	n / a (due to color over angle)			n / a (due to color over angle)	
Color stability	n / a (due to color over angle)			n / a (due to color over angle)	
Availability	available			Q3/2015	

* All technical data preliminary as of July 2015.

PHILIPS

Standards, compliance and sustainability
Philips Lumiblade 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.

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