

Lumiblade OLED Panel

Brite FL300wm

Product Sheet

OLED light at its **maximum beauty**

OLEDs offer another dimension in lighting inspiration. There is the unique quality of the light itself. But in combination with their razor-thin width and the instant glare-free light, OLEDs can be used to realize innovative applications and designs.

With the Lumiblade OLED Panel Brite FL300wm Philips presents the mirror finish version of the OLED Panel Brite FL300ww, ideal for use in highly decorative applications. Featuring the most advanced OLED technologies like Thin Film Encapsulation (TFE) and improved thermal management, the new 12 x 12 cm OLED shines in a league of its own. With a luminous flux of up to 190 lumen the FL300 is the only OLED panel commercially available today combining brightness and a beautiful reflective appearance.

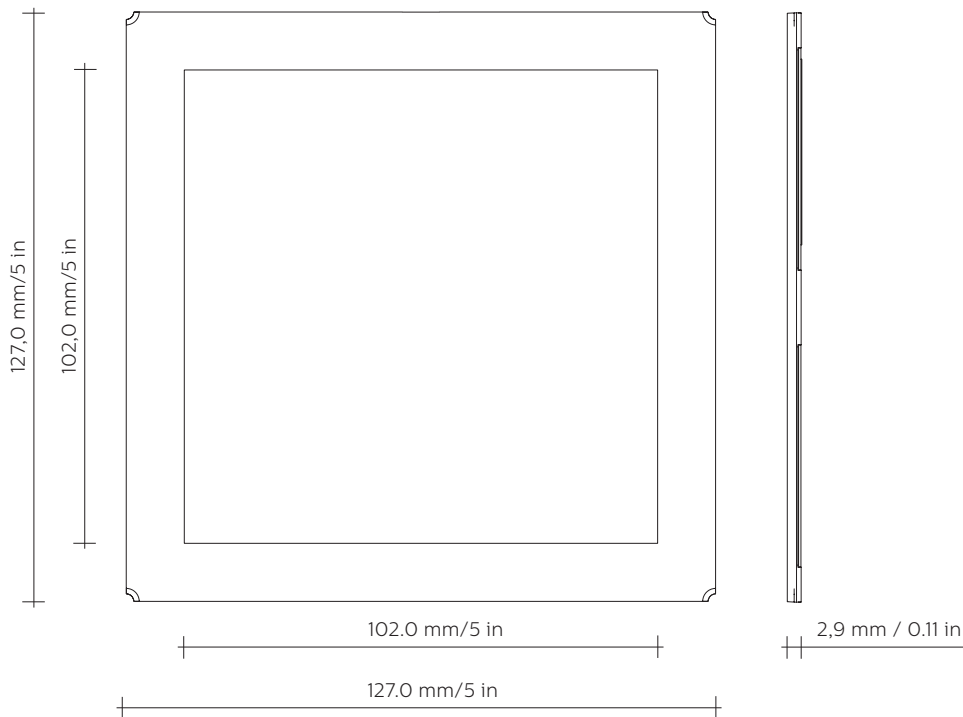
The Brite FL300wm is available at three integration levels making it the ideal building block for many decorative OLED lighting applications. The FL300wm OLED Panel expands the family of bright OLEDs in different shapes bringing decorative OLED lighting to even more places or products that require beautiful lighting.

Advantages:

- Brightest OLED panel with decorative mirror appearance commercially available with up to 190 lumen and up to 30lm/W.
- Available in 2,500 K (Q1/2015) and 4,000 K (pending).
- Thin film encapsulation (TFE) for ultimate reliability.
- Integrated intelligence for easy and proper driver recognition. Suitable Lumiblade drivers available (including Dali and 0-10V).
- Available at three different integration levels.
- Ideal for applications in general lighting systems.
- All the known advantages of OLED technology.

Applications:

Any decorative OLED light application that is commercially viable and easy to implement. Special light application for interior spaces that require differentiation through beautiful light and a reflective mirror-like appearance.



drawing shows FL300 at integration level 4

Nominal characteristics

Integration level	1	2	4
Description	Philips Lumiblade OLED Panel Brite FL300wm N	Philips Lumiblade OLED Panel Brite FL300wm A0	Philips Lumiblade OLED Panel Brite FL300wm B1 PCAL
Product code	9254.000.12500	9254.000.12600	9254.000.12700
	OLED panel with thermal interface, w/o metal plate, w/o wires	OLED panel with thermal interface, metal plate, with wires and connector	OLED panel with thermal interface, metal plate and housing, with wires and connector
Dimension outer	120.5mm x 120.5 mm	127mm x 127mm	127mm x 127mm
Dimension lit area	102.4mm x 102.4mm	102.4mm x 102.4mm	102mm x 102mm
Thickness	1.8mm	2.0mm	2.9mm
Current	368mA		
Voltage	20V		
Power consumption	7.4W		
Lumen	190lm		
Lumen efficacy nom.	26 – 30 lm/W		
Luminance nom.	3800cd/m ²		
Lifetime L70	10,000h at 190lm (50,000h at 74lm)		
Color temperature nom.	white 2,500K, 4,000K*		
CRI nom.	n / a (due to color over angle)		
Color stability	n / a (due to color over angle)		
Availability	Q1/2015		

* 2,500K in Q1/2015, 4,000K following



Standards, compliance and sustainability

Philips Lumiblade products are environmentally friendly by avoiding the use of hazardous materials and providing efficient illumination. This product complies with the EU RoHS (2011/65/EU) directive.

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