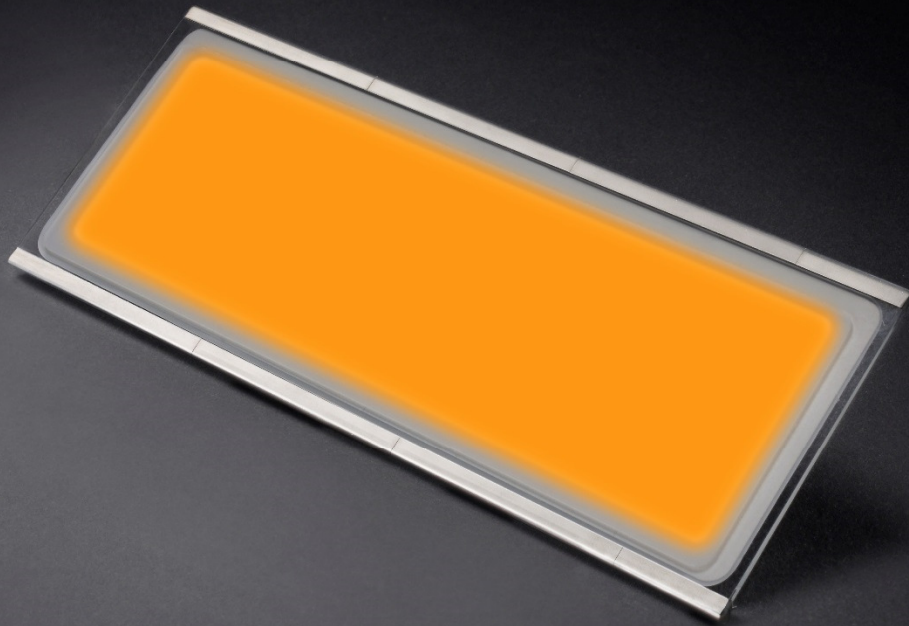


Brite Amber

Thin and Healthy Light



Preliminary August 2016

OLEDWorks Brite Amber OLED panel

OLEDs can be tuned to emit specific wavelengths for a variety of colors as well as both warm and cool white lights. OLEDWorks has commercialized a low brightness amber OLED product with application in the healthcare market, as sleeping areas for elderly and children.

This product provides a high brightness option.

There is no blue wavelength in the amber, compatible with circadian rhythms for sleeping.

| Brite Amber | |
|----------------------------|---|
| name | Brite Amber 1x4 |
| description | OLED panel – glass substrate with metal can encapsulation and two wire connection |
| dimension outer | 43.0mm x 101.6mm |
| dimension lit area | 25mm x 88mm |
| thickness | 3.2mm |
| current | 44mA |
| voltage | 6.4V |
| power consumption | 0.3W |
| lumen | 15 lm |
| lumen efficacy nom. | >50lm/W @ 2,000 cd/m ² (15lm) |
| luminance nom. | 2,000 cd/m ² |
| lifetime L70 | >25,000h @ 2,000 cd/m ² (15lm) |
| color | Color coordinates meet the SAE amber color space |
| CIEx | Target: 0.562 |
| CIEy | Target: 0.429 |
| availability | Q4 2016 |

Preliminary data, August 2016

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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.

