TRULY®

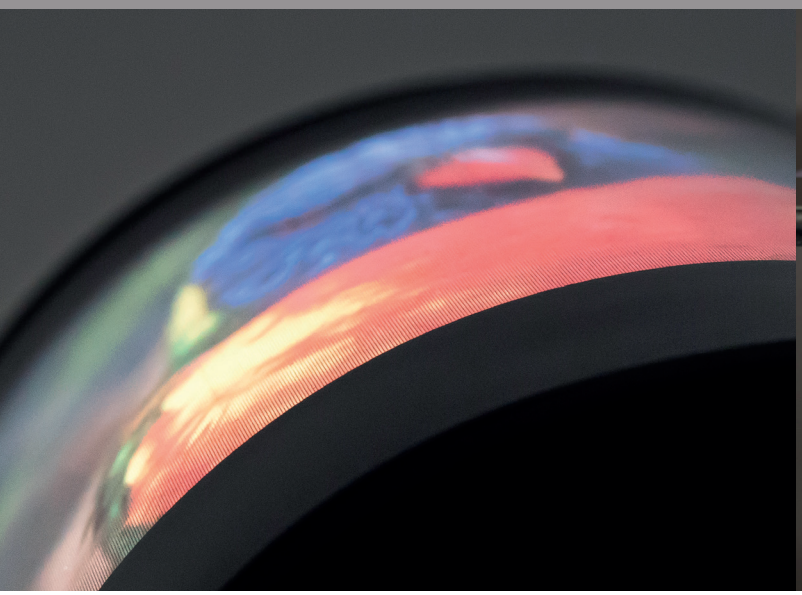
FlexEnable
Truly flexible electronics

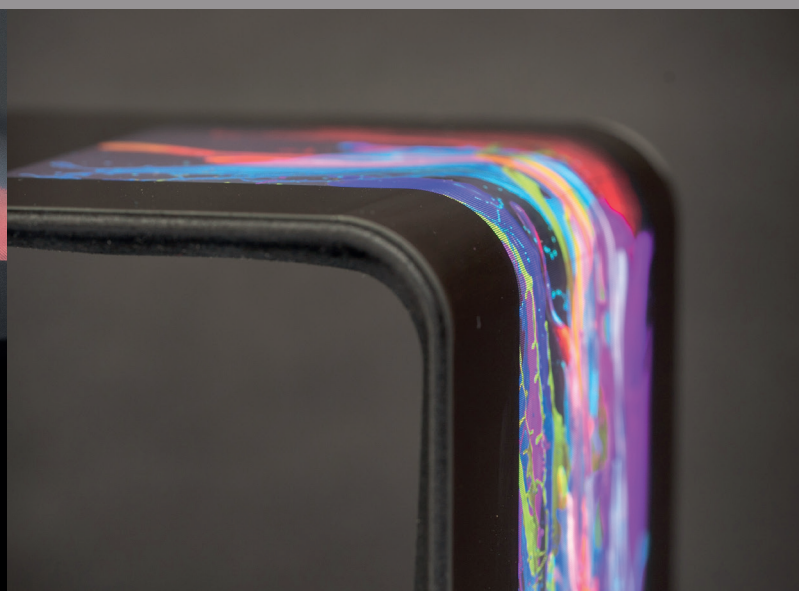
4.68" ORGANIC LIQUID CRYSTAL DISPLAY (OLCD) PANEL

A NEW DIMENSION OF DESIGN FREEDOM FOR YOUR PRODUCT

Organic Liquid Crystal Display (OLCD) is a disruptive glass-free display technology that enables conformable, wrappable and shapeable displays for mass market applications including consumer electronics, smart home appliances, automotive and digital signage.

Plastic OLCDs will redefine how displays are used and interacted with, unlocking a new dimension of freedom in product design. Using FlexEnable technology, Truly Semiconductors is bringing LCD performance to glass-free, ultra-thin and conformable displays for the first time. The company's plastic 4.68" OLCD offers the fastest possible route to market, allowing you to rapidly create your proof of concept and product.





Benefits of FlexEnable's OLCD platform:

- Enables ultra-thin, light, robust and conformable displays
- Combines the benefits of plastic and LCD without compromising performance
- Display bend radius down to 10 mm*
- Can be combined with flexible plastic touch sensors for full interactive surfaces
- Low cost, area-scalable, shapeable
- Can be designed with through-holes (apertures) in the display active area

**Dependent on size and construction*

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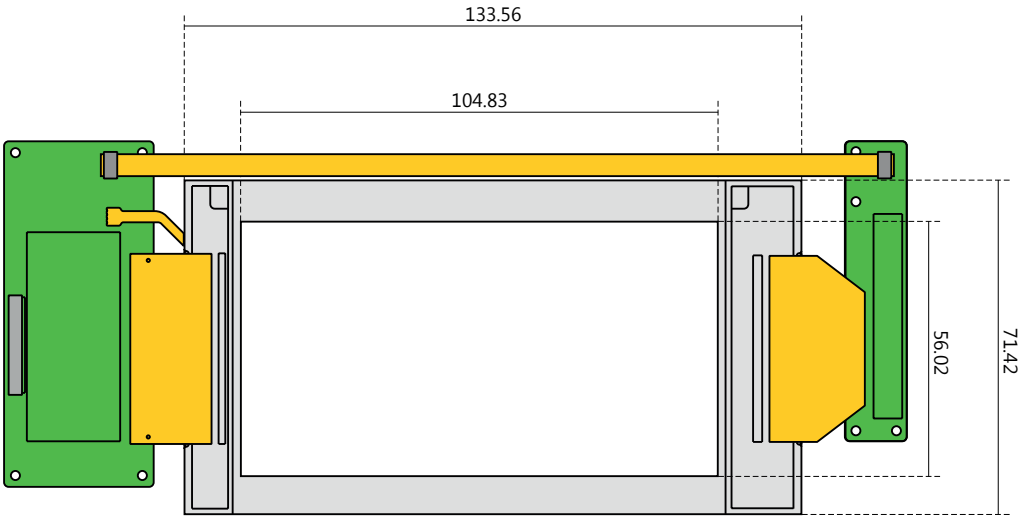
TECHNICAL INFORMATION



Full technical drawing available upon request

Parameter	Specifications (Order code: OLCD468V1)
Screen size (diagonal)	4.68"
Display thickness (excl. backlight)	0.3 mm
Panel area	133.56 mm x 70.55 mm
Active area	104.83 mm x 56.02 mm
Radius of curvature	Down to 10 mm
Resolution	342 (RGB) x 640
Pixel pitch	163.8 um
Pixels per inch	155 PPI
Luminance	350 nits min, 400 typ
Contrast ratio	600 min, 800 typ
Colour gamut	>60% NTSC

Preliminary: Subject to change without notice

Contact us at info@flexenable.com for a quotation.

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