OLED DISPLAY SOLUTIONS

Pictiva™ 80x48 display

OS080048PK09MY0AXX

Features:

- Graphics display matrix
- Single Color with 4-bit per pixel grayscale
- True emissive technology
- 160° viewing angle
- Passive matrix driven by an industry standard compatible IC
- Fast response, video frame rate capable
- High contrast
- Wide operating temperature range
- Thin profile

Specifications:

Display Format	80 Columns x 48 Rows
Pixel Pitch	0.25 mm Square
Pixel Size	0.22 mm Square
Color	Yellow x=0.455, y=0.540
Grayscale	4-bit
Active Area	19.97 (W) x 11.97 mm (H)
Module Size	27.7(W) x 20.25 (H) x 2.5mm (T) including flex
Luminance	100 cd/m^2 typical
Lifetime	10,000 Hours @ 25°C
Viewing Angle	160°
Contrast Ratio	100:1 minimum
Temp Range	-30° to +70°C
Logic Voltage	2.4 – 3.5V
Supply Voltage	12 –13V typical
Sleep Mode Power	0.05mW
Interface	Parallel/Serial
OLED Driver/w controller	0323
Packaging	COF (chip-on-flex)
Interconnect	ZIF (zero insertion force)
Weight	2.5 g nom.

OSRAM Opto Semiconductors Inc.
3870 North First Street, San Jose, CA 95134, USA
Phone: +1.888.446.7726 ext.4310
Web: www.pictiva.com

Printed in US
A63857
Revision Preliminary

Osram holds a license from Cambridge Display Technology to manufacture and sell polymer light emitting displays. Information in this document shall not be considered as assured characteristics. All typical data and graphs are based on representative samples, but do not represent production range. Design and information may be changed without notice.

Ordering Information:

Osram Part Numbers:

Yellow, Serial Interface, no Bezel: OS080048PK09MY0A11