

## **RITdisplay Corporation**

### **A leading supplier of OLED technology from 0,7 inch – 3,2 Inch**

RITdisplay offers a large range of mono OLED display, single color Blue, Yellow, White and Red. Also a combination of colors in one display is possible.

For color applications RITdisplay will support 1.0, 1.3, 1.5, 1.8, 2.2, 3,2 inch color displays in the following resolutions: 220x176, 128x160, 160x128, 93x64 and 256x64.

RITDisplay Corporation develop OLED Displays which have a wide viewing angle, fast response time, low power consumption, very compact and are high bright with an excellent contrast.

#### **Wide Viewing Angle**

Because an OLED becomes self-emissive through organic material, its viewing angle is far wider than an LCD. This wide viewing angle can provide great improvements in a wide variety of product applications. It also offers new design concepts to industrial designers who were before limited by the constraints of traditional LCD

#### **Fast Response Time**

A slow response time is one of the main problems with existing LCD technology. Applications, which require animation, are limited to a certain extent with traditional LCD. OLED offers 1,000 times quicker than in response speed which reduces design constraint of displays.

#### **Low Power Consumption**

Because backlight is not required for OLED, the power consumption is lower than a LCD module. This can increase the lifetime of batteries for portable products.

#### **Compact size**

Since a backlight is not required for OLED, lightweight and extremely thin displays can be applied to many products, opening up a wide range of new design possibilities.

#### **High Brightness & Contrast**

OLED offers a drastically higher level of brightness and contrast as compared to LCD.