

OLED Manufacturing Technology : Trend & Key Issues

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The organic light-emitting device(OLED) has been developed much to these days, and it is often considered as a next display after the liquid crystal display(LCD). Some OLED products are already in the markets of the small size display applications. Forming organic multi-layers as a device is dominantly processed under a vacuum system for small molecules due to the material properties although an ink-jet is widely used for the polymeric materials. The current status and trend of OLED will be presented, and some of key issues will be discussed in a manufacturing point of view.