

OLED LIGHTING SOLUTIONS BY AAMSCO LIGHTING IN PARTNERSHIP WITH OLEDWORKS

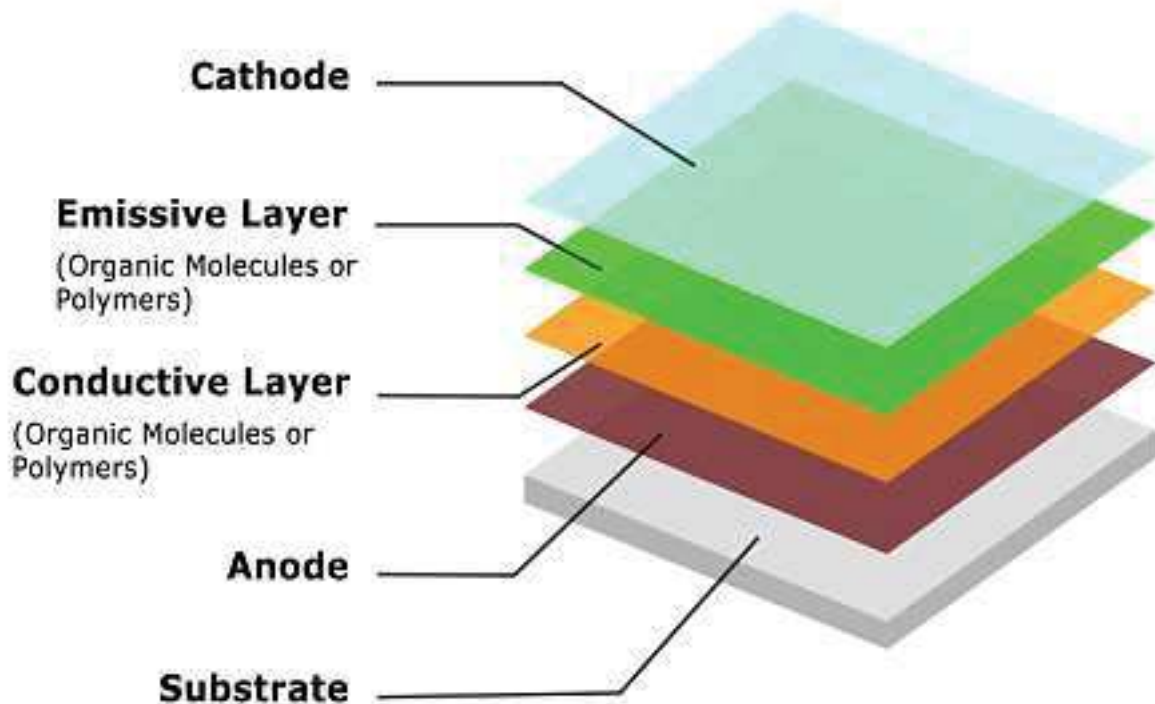
Introducing the benefits of OLEDs

- Uniform light distribution & color stability
- Low heat, no heat sink
- 85 lm/W, 100,000 life hours
- 95 CRI
- Ultra-thin & lightweight allows for unique & compact form factors
- Low glare, no flicker
- No blue light, which has been linked to macular degeneration.
- Dimmable



100 Lamp Light Circle Summerville, SC 29483

OLED structure



WHAT IS AN OLED?

OLED, like LED, is a solid state lighting (SSL) technology. An OLED panel is composed of very thin organic layers of carbon based material sandwiched between two electrodes, mounted on a glass substrate. When DC current is applied, charge carriers from the anode and cathode are injected into the organic layers, electroluminescence occurs and visible light is emitted. The complete OLED is actually thinner than a human hair!

OLED lighting will introduce a paradigm shift in the way we think about lighting and the way we use it. For the first time, light will be generated naturally as areas of uniform soft emission rather than piercing points or tubes of light.