

Our Innovation. *Your Edge.*

OLED

OLED (Organic Light Emitting Diode) is a flat light emitting technology formed by placing a series of thin films between two conductors. OLED components include layers made of organic molecules or polymers. This light is created through a process called electrophosphorescence.

Applications

- TVs
- Digital Cameras
- Smart Watches
- Lighting
- Signage
- Automotive Lighting (Interior and Exterior)
- Airport Runway Lighting
- Computer Monitors
- Medical Equipment
- Telecommunications

Advantages of OLEDs

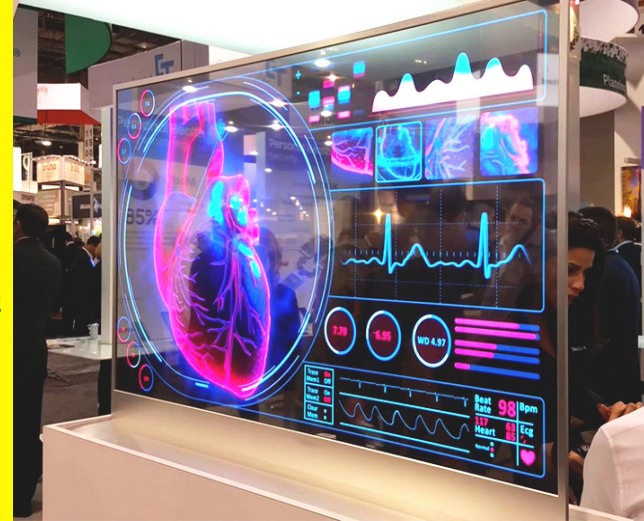
- Do not require backlight
- Utilize less power
- Very thin
- Wide viewing angles
- Small size
- Lightweight
- Very flexible
- High durability
- Ability to be transparent

Polymer Science Advantages

- Lower minimum order quantity
- Standard and customized construction available
- Short lead times
- Excellent in-house and field technical support
- Eco-friendly facility

Custom Solutions...

Our design team works quickly to provide the solutions you need, allowing your project to expeditiously move from conception to production. Our diverse team of engineers and technical staff, along with our state of the art equipment provide the capabilities to develop a quality product consistent with your application requirements.



Display Enhancement Solutions

Polymer Science, Inc. offers numerous products for your OLED and AMOLED application.

Product Number	Purpose	Description
PS-0205	Glass Protection Tape	48 micron thickness low tack adhesive glass protection tape
PS-0206	Glass Protection Tape	60 micron thickness low tack adhesive glass protection tape
PS-0270	EMBO Tape	30 micron thickness single coated EMBO acrylic tape
PS-0273	EMBO Tape	30 micron thickness double coated EMBO acrylic tape
PS-0274	EMBO Tape	40 micron thickness double coated EMBO acrylic tape
PS-0280	Foam EMBO Tape	43 micron thickness foam tape with EMBO single coated acrylic
PS-0601	Thermally Reactive Tape	50 micron and 80 micron thickness heat reactive acrylic tape
PS-0122	Thermal Radiation and EMI Tape	55 micron thickness copper tape coated with radiation absorptive layer
PS-0150	Top Protection Tape	150 micron thickness double coated silicone PSA with PET carrier
PS-0151	Bottom Tape	88 micron thickness double coated acrylic with PET multi-laminate

