

# The LED Light Bulb: The LED Lineup

The LED lighting market is ripe for expansion with key players preparing for worldwide adoption of LED-based general lighting. Here's a look at some of the key players in the LED supply chain from substrate manufacturers to the LED light bulb manufacturers.



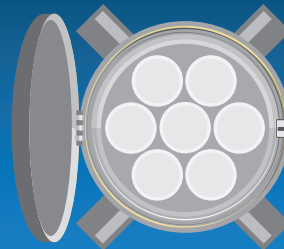
## Sapphire Makers:

- Rubicon Technology
- Monocrystal
- Sapphire Technology
- Namiki
- Kyocera
- Aurora



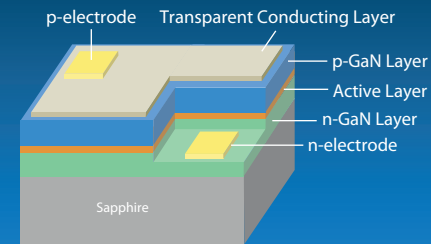
## Wafer Fabricators & Polishers:

- Rubicon Technology
- Namiki
- Iljin
- Tera Xtal



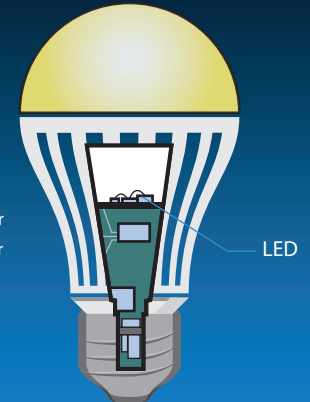
## MOCVD Equipment:

- Veeco
- Aixtron



## LED Chip Manufacturers:

- Nichia
- Samsung LED
- Osram Opto Semiconductors
- LG Innotek
- Seoul Semiconductor
- Philips Lumileds
- Sharp
- Toyoda Gosei
- Everlight
- Cree



## LED Light Bulbs:

- Philips
- OSRAM/Sylvania
- Cree