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- The light intensity is proportional to current
- Pure gallium arsenide produces infrared light

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- GaAsP produces red or yellow light
- GaP produces red or green

Circuit design using LEDs

- LEDs behave just like normal diodes except that the forward bias voltages are greater (typically 1.8 - 4.0 V)
- A typical forward bias current of 10-20 mA is used.























