

Study of the effect of brightness after penetration of light from a lens

Abstract

There are many types of component that are able to produce light and the light is produced based on the angle and wavelength of the lens. Light penetration depends on the type of material used. The tests are done using basic electronic components which are able to produce light including the light emitting diode (LED), laser and infrared source. From the component, there are two types of light line, one with an angle and one without. It is known that the laser only produces a straight line light while the angle and thickness of light from both the LED, and infrared source increase with distance. The results show that the different types of light must use different types of lenses and they are suitable for use with all light properties.

Keywords

Angle; Electronic component; Lens; Thickness