



# What is LED?

LED stands for light-emitting diode.

LEDs are small light sources (chips) that illuminate by the movement of electrons through a semi-conductor material, causing the electricity to convert to light. LEDs use a driver instead of a ballast – and the driver is typically built into the LED lamp instead of being a separate component of the lighting fixture. LED chips are clustered in a lamp to provide more light, and are mounted within lenses which either diffuse or focus the light – depending upon the type of LED selected.

LEDs are available in either ‘warm’ or ‘cool’ light color.