

Cree® XLamp® Surface Mount LEDs Comply with RoHS Requirements

Cree XLamp LEDs Comply with RoHS Hazardous Substance Restrictions

Cree XLamp LEDs are designed to meet all criteria of the Restriction of the Use of Hazardous Substances in Electrical and Electronic Equipment (RoHS) guidelines established in 2004 based on a directive from the European Parliament and of the Council on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment.

Cree XLamp LEDs provide solid-state lighting, no moving or fragile parts, and therefore differ significantly from traditional lighting devices by featuring:

- Lead-free soldering
- No mercury
- No UV rays
- Up to 100 times lighting life and far greater durability, meaning far less maintenance and waste
- Up to 90 percent less energy use than incandescent or fluorescent light sources
- Up to 130 percent greater color gamut

Cree recommends soldering Cree XLamp LEDs and other surface mount devices on metal core (aluminum) printed circuit boards in a single reflow process utilizing common lead-free SnAg or SnAgCu solder paste. These lead-free solder pastes are readily accepted in the U.S., Europe and Far East to replace standard solder pastes such as Sn/Pb/Ag or Sn/Pb.

For more information on Cree XLamp LEDs, contact:

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