

Future and present technologies of solid state lighting (Presentation Video)

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ABSTRACT

Blue nitride-based LEDs have been grown hetero-epitaxially on sapphire, SiC and Si substrates. Homo-epitaxial growth of LEDs grown on GaN substrate is getting popular to improve the reliability and to increase the power density per chip. Laser lighting also would be a promising lighting technology to improve the power density per chip in the future.

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