

Solid State Lighting Reliability

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Solid State Lighting Reliability: Components to Systems begins with an explanation of the major benefits of solid state lighting (SSL) when compared to conventional lighting systems including but not limited to long useful lifetimes of 50,000 (or more) hours and high efficacy. When designing effective devices that take advantage of SSL capabilities the reliability of internal components (optics, drive electronics, controls, thermal design) take on critical importance. As such a detailed discussion of reliability from performance at the device level to sub components is included as well as the integrated systems of SSL modules, lamps and luminaires including various failure modes, reliability testing and reliability performance. EAN/ISBN : 9781461430674 Publisher(s): Springer, Berlin, Springer, New York Discussed keywords: Beleuchtungstechnik, Leuchtdioden, Lichttechnik Format: ePub/PDF Author(s): Driel, Willem Dirk van - Fan, X. J.

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