

Thermal Management for LED Applications: 2 (Solid State Lighting Technology and **Application Series)**

By Clemens J.M. Lasance



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Thermal Management for LED Applications provides state-of-the-art information on recent developments in thermal management as it relates to LEDs and LEDbased systems and their applications. Coverage begins with an overview of the basics of thermal management including thermal design for LEDs, thermal characterization and testing of LEDs, and issues related to failure mechanisms and reliability and performance in harsh environments. Advances and recent developments in thermal management round out the book with discussions on advances in TIMs (thermal interface materials) for LED applications, advances in forced convection cooling of LEDs, and advances in heat sinks for LED assemblies.



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Editorial Review

From the Back Cover

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This book also:

Presents a comprehensive overview of the basics of thermal management as it relates to LEDs and LED-based systems

Discusses both design and thermal management considerations when manufacturing LEDs and LED-based systems

Covers reliability and performance of LEDs in harsh environments

Has a hands-on applications approach that looks at the importance of thermal management of LEDs in the automotive and aerospace fields

Thermal Management for LED Applications is an ideal book for electronic engineers, designers, researchers, and graduate students interested in LEDs and thermal management.

Users Review

From reader reviews:

Marguerite Boutte:

Nowadays reading books are more than want or need but also get a life style. This reading addiction give you lot of advantages. The advantages you got of course the knowledge even the information inside the book in which improve your knowledge and information. The details you get based on what kind of reserve you read, if you want send more knowledge just go with schooling books but if you want really feel happy read one using theme for entertaining such as comic or novel. Often the Thermal Management for LED Applications: 2 (Solid State Lighting Technology and Application Series) is kind of book which is giving the reader unpredictable experience.

Mary Muncy:

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Edward Carroll:

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Sam Nielsen:

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