

ENGINEERING DIRECTOR, LED LIGHTING DESIGN

Los Gatos, CA

Who is Xicato Inc.:

We're the world leader in lighting and smart lighting controls. Our passion for innovation and excellence makes us one of the most recognizable brands worldwide. Working as a **Director of Engineering of LED Lighting products** at Xicato is engaging and dynamic. You'll be responsible for design and development of LED light sources, working with CMs and ensuring products meet Xicato's renowned high standards. Responsibilities include successful transition of products from design to mass production, obtaining required certifications and supporting data to meet customer needs. We are seeking a self-motivated, roll-up the sleeves kind of leader who can manage multiple responsibilities.

Learn more at www.xicato.com

Education: BS/MS in Mechanical, Chemical, Electrical Engineering or Solid-State Physics

Experience:

- 7+ years with design, test and certification of LED light sources, managing direct reports and program management of design and development projects in related disciplines and applications in the commercial sector
- Deep and up to date product knowledge of LED light sources, such as COB and flexible linear, good understanding of LED luminaires, LED devices, LED packaging, manufacturing of LED modules, driving LED systems, optics, thermal management, and reliability testing
- Track record of success in launching and ramping lighting products in the commercial B-B market

What you'll do...

- Thermal design and testing, optical measurements per IES standards, electrical performance of LEDs and safety certification requirements
- Conduct reliability testing, data collection and data analysis
- Manage optical/thermal/electrical equipment and calibrate to standard
- Design for manufacturing and transfer of design to CMs including managing technical specs, approving final design and tracking process
- Need to be familiar with using documentation control tools like Arena, generating ECOs and communicating changes with Ops
- Be familiar with technical failure analysis and root cause determination methods
- Use your compliance experience to understand & implement requirements of UL, CE, DLC, LM80, Energy Star, ENEC and newer EPREL, SLR
- Manage technical product development and upgrades, 3rd party lab resources for testing light sources & obtaining reports and other technical programs