



For immediate consideration please email your resume to Shallyn Chenong, Amerlux Human Resources Recruiter at schenong@amerlux.com

JOB IDENTIFICATION	
Job Title:	Senior Design Engineer - PointSource
Office Location:	NJ
FLSA Status:	Salaried, Exempt
Job Category/EEO Code:	Professionals
WC Code:	8810
Reports To:	Director, Point Source Design
Date last updated:	11/14/2014
QUALIFICATIONS AND ACCOUNTABILITY	
Education:	B.S. Industrial Design or Mechanical Engineering
Required License/Certificates:	Fundamental of Lighting or Lighting application courses by IES; LC certification is plus
Travel Requirements:	Occasional Travel will be required
Minimum Qualifications/Experience:	<ul style="list-style-type: none"> • 10+ years engineering experience; 5 years at a lighting/LED manufacturer • Fluent in 3D design software: Autodesk Inventor 3D a plus • Required knowledge of sheet metal, die cast, plastic mold and extruded part design; Understanding of light sources, ballast/drivers and lighting components • Understanding of ceiling systems and architectural construction; LED experience a plus. • Good communication skills required - effective interaction/collaboration with resources, vendors, partners, and designers locally and other global locations. • Effective use of and management of personal time while juggling various priorities
JOB SUMMARY	
<p>The Senior Design Engineer is a part of the Design Engineering Team in a fast-paced and growing global Lighting industry. The position reports directly to Director of Point Source Design in Engineering, and works closely with the Design/R&D Team to execute assigned new product development and product variant projects from concept to production.</p>	
JOB RESPONSIBILITIES	
<ul style="list-style-type: none"> • Responsible for product design concept development from design brief or variant data form. • Accountable for part drawings; prototype development; UL listing (working with R&D lab and UL liaison); getting photometric test and other required tests completed accurately and efficiently. • Provide thorough Product Documentation, includes: Bills of Material Structure; if possible develop models in Oracle ERP system; assembly documentation; cost sheet; installation sheets and help generate specification data sheet; while working closely with customer service on the projects. • Complete value engineering assignments to assist Company in meeting cost savings and product enhancement goals. • Provide thought leadership and ensure best practices for new engineering projects. • Other duties as deemed priority and appropriate by the Company and management. 	