DUSTIN ZANER

Hillsboro, OR • Technical Program Leader

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PROFESSIONAL SUMMARY

Technical Program Leader with 7+ years of experience in the lighting industry, promoted in October 2024 after advancing through order processing, technical support, and compliance-focused roles. ETL Level 4 trained with deep expertise in UL 1598, UL 8801, ISO 17025, and ANSI/AASHTO standards. Highly proficient in lighting controls including DMX512, RDM, wireless controls, RGB/RGBW color-changing, CCT tuning, 0–10V dimming, smart controllers, and solar platforms across 12V, 24V, 36V, and 48V. Experienced in fixture assembly, LED wiring, photometric verification, optical evaluations, and diagnosing complex driver–controller–LED module interactions. Recognized Solar SME with proven experience improving solar product performance through redesign, testing, and data-driven engineering validation.

CORE SKILLS

Compliance & Standards: UL 1598, UL 8801, ISO 17025, ANSI/AASHTO, NEC / cETLus, ETL Lab Operations, Certification Support

Lighting Controls & Systems: DMX512, RDM, Wireless Controls, RGB/RGBW, CCT/Color Tuning, 0–10V Dimming, Smart Controllers, Sensor-Based Controls, Solar Control Systems 12V/24V/36V/48V

Engineering & Technical: LED Wiring, Fixture Assembly, Optical Evaluation, Photometrics Review, Troubleshooting, Product Redesign Support

Documentation & Digital: Adobe Illustrator, Excel, Spec Sheets, SOPs, Installation Instructions, CMS, Technical Memos

EXPERIENCE

Technical Program Leader — Ligman Lighting USA (A Schréder Group Company) | Oct 2024 – Present

• Lead technical and compliance efforts for U.S. and CSA certification.

• Validate and troubleshoot DMX512, RDM, wireless, RGB/RGBW, CCT tuning, 0–10V, and smart control systems.

• Solar SME for 12V–48V systems.

• Diagnose driver–controller–LED challenges and support warranty cases.

• Maintain NEC/cETLus documentation and photometric files.

• Oversee spec sheets and digital assets.

Lead Order Processor — Ligman Lighting USA | Jan 2023 – Oct 2024

• Supervised team of four; managed full order lifecycle.

• Handled QuickBooks data, BOMs, POs, and order accuracy.

• Implemented Agile/Scrum workflows for communication improvement.

• Supported procurement using technical drawings.

Order Processor — Ligman Lighting USA | Feb 2019 – Jan 2023

• Streamlined order processing with Agile-style coordination.

• Provided real-time shipping updates.

• Strengthened customer relationships through problem-solving.

ACHIEVEMENTS
• Supported launch of new fixtures into U.S. market.

• Improved solar product performance across 12V–48V systems.

• Developed SOPs improving documentation quality across teams.

• Reduced field issues through improved documentation and troubleshooting workflows.

TOOLS & TECHNOLOGIES
Adobe Illustrator, Excel, ETL Lab Equipment, DMX/RDM Tools, Wireless Modules, Photometric Software, CMS

TRAINING & CERTIFICATIONS
ETL Level 4, UL 1598, UL 8801, ISO 17025, NEC, ANSI/AASHTO

LINKS
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