

Summary

A creative Industrial Design and Engineering professional with 15+ years of experience helping lighting companies develop new and innovative products. My designs have been recognized by multiple industry awards and patents, driving growth, and enhancing brand reputation.

Experience

Principal Industrial Designer and Engineer

Lightsome Studio LLC, *Newburgh NY, Nov 2019 - Present*

A startup manufacturer of performance decorative lighting products for residential and high-end architectural spaces.

- Developed custom software and laser processing machinery to produce a unique optical effect and implemented it in the design and engineering of high-performance lighting modules shared across multiple product types and families.
- Developed processes for automating the generation of 12,000+ product configurations, renderings, BOMs, costing and integration into the company's ERP system.
- Produced documentation and established supply chains for fabricated parts, electronic PCB's, finishing, and assembly labor.
- Conducted accelerated thermal & stress testing and guided the product line through regulatory compliance.

Principal Industrial Designer and Engineer

Inform Lightworks Inc, *Beacon NY, Jun 2009 – Jun 2023*

A design and business development consultancy specializing in the lighting industry.

- Produced technical documentation, marketing materials, and video presentation to support product launches and marketing campaigns.
- Developed new visual design languages that aligned with brand identity and market segment resulting in multiple industry awards.
- Designed new products that exceeded market benchmarks and feature sets resulting in the issuance of multiple design and utility patents.
- Monitored industry trends, regulatory standards, and conducted R&D on emerging technologies to identify opportunities for innovation.

Lead Industrial Designer

LITE360, *Santa Ana CA, Nov 2008 – Apr 2009*

A startup lighting manufacturer of best in class watertight hard-use luminaires.

- Developed and implemented a visual design language to elevate the brand perception from utilitarian fixtures to specification grade architectural luminaires.
- Designed and engineered supporting components to core product line to expand capabilities and use cases.
- Established standards and best practices for engineering data and mentoring of junior engineers.

Design Engineer

Selux US, *Highland NY, Sep 2005 – Jun 2008*

The North American division of German manufacturer of high-end interior and exterior light fixtures.

- Re-engineered and adapted numerous EU product families for the NA market to comply with local codes, performance requirements, and supply chains.
- Headed the research and engineering effort into adopting solid state light sources resulting in one of the first LED outdoor light fixtures in the industry.
- Provided internal training presentations on lighting techniques, emerging technology and product features.

Designer/Researcher

Lighting Research Center, *Troy NY, Aug 2002 – Jul 2004*

- Supported research projects with designing and fabricating test apparatus, technology demonstrations, data collection & analysis while pursuing a master's degree in lighting.

Freelance Designer

Joncon, NYC September 1999 – Present (Intermittent)

- Providing industrial design, engineering, fabrication and marketing content services to artists and companies primarily outside the lighting industry.

Education

Suny New Paltz, 2015, Digital Design and Fabrication

Rensselaer Polytechnic Institute, 2002 – 2004, MS Science of Lighting

Pratt Institute, 1998 – 2002, BS Industrial Design

Skills

Project Management, Concept Creation, Solid Modeling (SolidWorks), Visualization (Keyshot), Technical Drawing/Writing, Presentation, Prototyping, CNC programming, Optical Design, CFD Thermal Simulation, Competitive Benchmarking, Design for Manufacturability, Adobe Suite & Microsoft Suite

Online

www.joncon.net | www.linkedin.com/in/jonas-concepcion

Patents

- *US10436429B2*, Compression activated switch device for LED circuit boards
- *US8591058B2*, Systems and methods for providing a junction box in a solid-state light
- *USD681873S1*, Light rail
- *USD693960S1*, Baffle for luminaire

Awards & Press

- Mark Lighting Slot LED PSW wins best in class *Next Generation Luminaires Award*
- Toshiba TLS-DCA Wins *PIA 2013 Award*
- Solais LR & X Series PAR Lamps featured in *WIRED Magazine 2016*
- 1st place *Robert Bruce Thompson Fixture Design Competition 2004*
- Winner *Lights of the Future European Fixture Design Competition 2004*
- Full tuition scholarship: *Rensselaer Polytechnic Institute 2002*
- Pyramid Sconce featured on *ID Magazine March 2002*
- "Kisses" special selection at the Pratt Manhattan Show, May 2002