

# Matthew Hartley

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## Education

University of Colorado, Boulder

December 1997

Bachelor of Science, Architectural Engineering

Metropolitan State University of Denver

January 1990 – January 1992

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## Areas of Expertise

- Photometry
- Lighting Design
- AGI32 Software
- Visual Software
- Manufacturing Processes
- Lighting Survey and Verification
- Leadership Development
- Process Development
- Technical Marketing
- Project Management
- Corporate Education
- Product Management
- Material Requirements Planning
- People Management
- People Skills

## Key Achievements

- Received the Fellow Designation of the Illuminating Engineering Society for the contribution to the Art and Science of Lighting 2025
- Patent: Hartley, Matthew J Lighting Fixtures with Improved Lighting Components. 2025. Patent Number: US 12,366,343 2025
- Patent: Hartley, Matthew J Lighting Fixtures with Improved Lighting Components. 2023. Patent Number: US 11,835,213 B2 2023
- Received Lifetime Service Award Street and Area Lighting Conference 2019
- Patent: Hartley, Matthew J, et al. Lighting Fixture. 2009. Patent Number: US D597, 700S. 2009
- Elected Street and Area Lighting Committee Chairman 2014 – 2016
- Guest lecturer, University of Colorado School on Civil, Architectural and Environmental Engineering 2011, 2023, 2024
- Appointed to the Illuminating Engineering Society (IES) Education Review Council 2010 – 2017
- Appointed to the Illuminating Engineering Society (IES) Education Materials Review Committee 2017 – 2020
- Street and Area Lighting Conference, Lead Instructor 2009 – Present

## **Training and Mentoring**

- Certified Instructor, IES SEM courses 2017 – Present
- Registered Course for IES “Photometry 101” 2016 – Present
- Lead Instructor, IES Street and Area Lighting Conference 2009 – Present
- Education Coordinator, IES Street and Area Lighting Conference 2010 – 2019
- Outdoor Lighting Applications Instructor, IES Street and Area Lighting Conference 2014 – Present
- Guest Lecturer, University of Colorado School on Civil, Architectural and Environmental Engineering 2011, 2023-2024
- Intermediate Lighting Instructor, IES Street and Area Lighting Conference 2004 – 2010
- Advanced Lighting Instructor, IES Street and Area Lighting Conference 2003
- Basic Lighting Instructor, IES Street and Area Lighting Conference 2000, 2002
- Fundamentals of Lighting for peerless seminar 2007 – 2008
- Lightfair Introduction to AGI32 lighting software class 2005, 2006
- Survey of Lighting (Lithonia, Lighting Design) 2000 – 2001, 2003
- Fundamentals of Lighting (Lithonia, Outdoor Lighting) 2000, 2002
- Lithonia Lighting Sports Lighting Design 2001
- SCE&G Outdoor Lighting Basics 2001
- Lighting Basics (Lithonia, Lighting Design) 2000 – 2001
- Lighting Basics (Lithonia, Light and Psychology/Vision) 2000 – 2001
- Outdoor Lighting Basics, Street and Area Lighting Conference 2000
- Outdoor Lighting techniques, Granger 2000

## **Professional Awards and Honors**

- Received the Fellow Designation of the Illuminating Engineering Society for the contribution to the Art and Science of Lighting 2025
- Received Lifetime Service Award Street and Area Lighting Conference 2019
- Judge, “Brilliance Awards” 2013
- Judge, “Lightfair International Innovation Awards” 2013
- Judge, “Robert Bruce Thompson Awards” 2011
- IIDA Award of Merit, exterior design of Boy Scouts of America Regional Volunteer Center project, published in LD&A 2005
- Strathmore’s Who’s Who 2002 – 2003
- Frontline Leadership, Zenger Miller 2001
- Lighting Certified (LC) 2000 – Present

## Professional Societies and Positions

- Illuminating Engineering Society Marks Award Committee, Member 2023 - 2026
- Illuminating Engineering Society Outdoor Nighttime Environment Committee, Advisory Member 2021 - Present
- Illuminating Engineering Society Street and Area Lighting Conference Program Committee, Full Member 2020 – 2023
- Illuminating Engineering Society Education, Office and Library Lighting Committee, Co-Chair 2019 – Present
- Illuminating Engineering Society Education, Office, and Library Lighting Committee, Full Member 2019 – Present
- Illuminating Engineering Society Education Materials Review Committee 2017 – 2020
- Illuminating Engineering Society Street and Area Lighting Conference Committee, Chairman 2014 – 2016
- Illuminating Engineering Society Street and Area Lighting Executive Committee, Chairman 2014 – 2016
- Illuminating Engineering Society Street and Area Lighting Conference Committee, Vice Chairman 2012 – 2014
- Illuminating Engineering Society Street and Area Lighting Executive Committee, Full Member 2012 - Present
- Illuminating Engineering Society Street and Area Lighting Conference Committee, Interim Secretary 2012
- Illuminating Engineering Society Office Lighting Committee, Full Member 2011 – 2019
- Illuminating Engineering Society Education Review Council 2010 – 2017
- Illuminating Engineering Society Street and Area Lighting Conference Planning Committee, Chairman 2009
- Illuminating Engineering Society Office Lighting Committee, Associate Member 2008 – 2011
- Illuminating Engineering Society Street and Area Lighting Conference Planning Committee, Full Member 2006 – 2020
- Illuminating Engineering Society Street and Area Lighting Conference, Education Sub-Committee Chairman 2004 – 2019
- Illuminating Engineering Society Street and Area Lighting Conference, Education Sub-Committee, Full Member 2004 – Present
- Illuminating Engineering Society Full Member 2002 – 2025
- Illuminating Engineering Society Street and Area Lighting Conference Committee, Full Member 2002 – Present
- Illuminating Engineering Society Outdoor Environmental Lighting Committee, Full Member 1999 – 2021
- Illuminating Engineering Society Merchandise Lighting Committee, Full

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| Member  | 1999 – Present |
| ▪ Illuminating Engineering Society Automotive Retail Sales Lighting Committee, Chairman | 1999 – 2016    |
| ▪ Illuminating Engineering Society Associate Member                                     | 1995 – 2002    |
| ▪ Illuminating Engineering Society of North America CU Student Liaison                  | 1995 – 1997    |

### Conferences and Presentations

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| ▪ Instructor: “Outdoor Lighting Applications”, Street and Area Lighting Conference, New Orleans, LA  | 2025      |
| ▪ “The importance of the details of Lighting Standards during and after the design and real world instances.”, Illuminating Engineering Society – Webinar Security Symposium | 2025      |
| ▪ Instructor: “Outdoor Lighting Applications”, Street and Area Lighting Conference, Atlanta, GA  | 2024      |
| ▪ “3D Printing Past, Present, and Future in the Lighting Industry”, IES Maritime Regional Annual Conference, Fredericton, NB   | 2024      |
| ▪ “Indoor Lighting Quality and the use of UGR in Designed Spaces”, IES Maritime Regional Annual Conference, Fredericton, NB  | 2024      |
| ▪ “Indoor Lighting Quality and the use of UGR in Designed Spaces”, IES Albuquerque Section, Albuquerque, NM  | 2024      |
| ▪ “Design Development Exterior Lighting”, Guest Lecturer University of Colorado Boulder  | 2023-2024 |
| ▪ “Enlightenment of the use of UGR in Designed Spaces”, IES Rocky Mountain Section Tech Talk Series – Virtual  | 2023      |
| ▪ Panel Member: “Blinded by the Light: Using UGR Effectively”, Lightfair International, New York, NY   | 2023      |
| ▪ Panel Member: “Addressing Glare Responsibly with UGR for Wellness in Buildings”, Illuminating Engineering Society Annual Conference, Schaumburg, IL                        | 2023      |
| ▪ “EV Charging & the Lighting Industry”, Street and Area Lighting Conference, Indianapolis, IN   | 2023      |
| ▪ Instructor: “Outdoor Lighting Applications”, Street and Area Lighting Conference, Indianapolis, IN   | 2023      |
| ▪ Instructor: “Outdoor Lighting Applications”, Street and Area Lighting Conference, Dallas, TX   | 2022      |
| ▪ “Effective Outdoor Lighting: Efficacy & CU”, Street and Area Lighting Conference - Webinar   | 2021      |
| ▪ Panel Member: “Discomfort Glare in Outdoor Nighttime Environments”,  |           |

Raleigh Illuminating Engineering Society Section, Raleigh, NC – Webinar	2021
▪ Speaker: “Photometry 101”, Lightfair International- Webinar	2020
▪ Instructor: “Outdoor Lighting Applications”, Street and Area Lighting Conference, San Diego, CA	2019
▪ Instructor: “Fundamentals of Lighting”, Albuquerque, NM Section, Albuquerque, NM	2019
▪ Speaker: “Photometry 101”, Maritime Section, Halifax, Nova Scotia	2019
▪ Speaker: “Photometry 101”, Maritime Section, Moncton, NB	2019
▪ Speaker: “Photometry 101”, Maritime Section, Fredericton, NB	2019
▪ Speaker: ”Variance in Physical Photometry”, Street and Area Lighting Conference, Orlando, FL	2018
▪ Instructor: “Outdoor Lighting Applications”, Street and Area Lighting Conference, Orlando, FL	2018
▪ Speaker: “DLC – A Users Perspective”, Street and Area Lighting Conference, Austin, TX	2017
▪ Instructor: “Outdoor Lighting Applications”, Street and Area Lighting Conference, Austin, TX	2017
▪ Instructor: “Outdoor Lighting Applications”, Street and Area Lighting Conference, Beverly Hills, CA	2016
▪ Instructor: “Outdoor Lighting Applications”, Street and Area Lighting Conference, Savannah, GA	2015
▪ Instructor: “Outdoor Lighting Applications”, Street and Area Lighting Conference, Nashville, TN	2014
▪ Instructor: “Outdoor Lighting II”, Street and Area Lighting Conference Phoenix, AZ	2013
▪ Speaker: “Photometry 101”, Street and Area Lighting Conference, Miami, FL	2012
▪ Instructor: “Outdoor Lighting II”, Street and Area Lighting Conference Miami, FL	2012
▪ Instructor: “Outdoor Lighting II”, Street and Area Lighting Conference New Orleans, LA	2011
▪ Instructor: “Intermediate Outdoor Lighting Course”, Street and Area Lighting Conference, Huntington Beach, CA	2010
▪ Instructor: “Intermediate Outdoor Lighting Course”, Street and Area Lighting Conference, Philadelphia, PA	2009
▪ Instructor: “Intermediate Outdoor Lighting Course”, Street and Area Lighting Conference, Denver, CO	2008
▪ Instructor: “Fundamentals of Lighting”, Peerless Seminar, Berkeley, CA	2008
▪ Instructor: “Intermediate Outdoor Lighting Course”, Street and Area Lighting Conference, Seattle, WA	2007

- Instructor: "Fundamentals of Lighting", Peerless Seminar, Berkeley, CA 2007
- Instructor: "Intermediate Outdoor Lighting Course", Street and Area Lighting Conference, Tampa, FL 2006
- Instructor: "Introduction to AGI32 lighting", Lightfair International, Las Vegas, NV 2006
- Instructor: "Intermediate Outdoor Lighting Course", Street and Area Lighting Conference, San Diego, CA 2005
- Instructor: "Lightfair Introduction to AGI32 lighting", Lightfair International, New York, NY 2005
- Instructor: "Intermediate Outdoor Lighting Course", Street and Area Lighting Conference, San Antonio, TX 2004
- Instructor: "Hot Topics in Lighting", Lithonia Seminar, Conyers, GA 2004
- Instructor: "Survey of Lighting: Lighting Design", Lithonia Seminar, Conyers, GA 2003
- Instructor: "Luminaires and Light Control", Outdoor Lighting Symposium, Conyers, GA 2003
- Instructor: "Intermediate Outdoor Lighting Course", Street and Area Lighting Conference, Scottsdale, AZ 2002
- Instructor: "Fundamentals of Lighting, Outdoor Lighting", Lithonia Seminar Conyers, GA 2002
- Instructor: "Advance Outdoor Lighting", Street and Area Lighting Conference, Orlando, FL 2001
- Instructor: "Lithonia Lighting Sports Lighting Design", Lithonia Seminar Conyers, GA 2001
- Instructor: "Survey of Lighting: Lighting Design", Lithonia Seminar, Conyers, GA 2001
- Instructor: "SCE&G Outdoor Lighting Basics", Lithonia Seminar, Conyers, GA 2001
- Instructor: "Lighting Basics: Lighting Design", Lithonia Seminar, Conyers, GA 2001
- Instructor: "Lighting Basics: Light and Psychology/Vision", Lithonia Seminar, Conyers, GA 2001
- Instructor: "Outdoor Lighting Basics", Street and Area Lighting Conference, Minneapolis, MN 2000
- Instructor: "Lighting Basics: Lighting Design", Lithonia Seminar, Conyers, GA 2000
- Instructor: "Lighting Basics: Light and Psychology/Vision", Lithonia Seminar, Conyers, GA 2000
- Instructor: "Survey of Lighting: Lighting Design", Lithonia Seminar, Conyers, GA 2000
- Instructor: "Outdoor Lighting techniques", Lithonia Seminar, Conyers, GA 2000
- Instructor: "Fundamentals of Lighting: Outdoor Lighting", Lithonia Seminar, Conyers, GA 2000

- Speaker: "Proposal for Automotive Retail Illuminance Guidelines", IES Annual Conference, New Orleans, LA 1999
- Organizer: CU student section of the IES to assist in the Tri-Regional Conference, Denver, CO 1997

## Publications

- Hartley, M. J., Petty, J "Outdoor Lighting Applications", *Street and Area Lighting Conference* 2025
- Hartley, M.J. "The importance of the details of Lighting Standards during and after the design and real world instances.", Illuminating Engineering Society – Webinar Security Symposium 2025
- Hartley, M. J, et al. (2024). *Recommended Practice: Lighting Office Spaces an American National Standard ANSI/IES RP-1-24* Illuminating Engineering Society 2024
- Hartley, M. J., Asselin, L.A. "Outdoor Lighting Applications", *Street and Area Lighting Conference* 2024
- "3D Printing Past, Present, and Future in the Lighting Industry", IES Maritime Regional Annual Conference, Fredericton, NB 2024
- Hartley, M.J. "Indoor Lighting Quality and the use of UGR in Designed Spaces", IES Albuquerque Section 2024
- Hartley, M.J. "Enlightenment of the use of UGR in Designed Spaces", IES Rocky Mountain Section Tech Talk Series – Webinar 2023
- Hartley, M. J, et al. "Blinded by the Light: Using UGR Effectively", Lightfair International 2023
- Hartley, M. J, et al. "Addressing Glare Responsibly with UGR for Wellness in Buildings", Illuminating Engineering Society Annual Conference 2023
- Hartley, M. J., Asselin, L.A. "Outdoor Lighting Applications", *Street and Area Lighting Conference* 2023
- Hartley, M. J., De Garcia, I. "EV Charging and the Lighting Industry", *Street and Area Lighting Conference* 2023
- Hartley, M. J, et al. (2022). *Recommended Practice: Lighting Office Spaces an American National Standard ANSI/IES RP-1-22* Illuminating Engineering Society 2022
- Hartley, M. J., Asselin, L.A. "Outdoor Lighting Applications", *Street and Area Lighting Conference* 2022
- Hartley, M. J., Hutto, S.M. "Effective Outdoor Lighting: Efficacy & CU." *Street and Area Lighting Conference* 2021
- Hartley, M. J, et al. Office Design in a Post-Covid World. *LD&A*, April 2021 41-44 2021
- Hartley, M. J. "*Photometry 101*", *Lightfair International* 2020
- Hartley, M. J, et al. (2020). *Recommended Practice: Lighting Retail*

- Spaces an American National Standard ANSI/IES RP-2-20* Illuminating Engineering Society 2020
- Hartley, M. J, et al. (2020). *Recommended Practice: Lighting Office Spaces an American National Standard ANSI/IES RP-1-20* Illuminating Engineering Society 2020
  - Hartley, M. J, et al. (2020). *Lighting Practice: Environmental Considerations for Outdoor Lighting an American National Standard ANSI/IES LP-11-20* Illuminating Engineering Society 2020
  - Hartley, M. J, et al. (2019). *Recommended Practice: Off-Roadway Sign Luminance an American National Standard ANSI/IES RP-39-19* Illuminating Engineering Society 2019
  - Hartley, M. J., Smelser, W.A. "Outdoor Lighting Applications", *Street and Area Lighting Conference* 2019
  - Hartley, M. J. "Photometry 101", *IES Maritime Section* 2019
  - Hartley, M. J., Garcia, J.A. "Variance in Physical Photometry", *Street and Area Lighting Conference* 2018
  - Hartley, M. J., Smelser, W.A. "Outdoor Lighting Applications", *Street and Area Lighting Conference* 2018
  - Hartley, M. J, et al. "DLC – A Users Perspective", *Street and Area Lighting Conference* 2017
  - Hartley, M. J., Smelser, W.A. "Outdoor Lighting Applications", *Street and Area Lighting Conference* 2017
  - Hartley, M. J, et al. (2017). *Recommended Practice for Retail Lighting RP-2-17* Illuminating Engineering Society 2017
  - Hartley, M. J., Smelser, W.A. "Outdoor Lighting Applications", *Street and Area Lighting Conference* 2016
  - Hartley, M. J., Smelser, W.A. "Outdoor Lighting Applications", *Street and Area Lighting Conference* 2015
  - Hartley, M. J. (2015)"IES SEM-8-15 Roadway Lighting Seminar", Illuminating Engineering Society 2015
  - Hartley, M. J., Smelser, W.A. "Outdoor Lighting Applications", *Street and Area Lighting Conference* 2014
  - Hartley, M. J, et al. (2014). *Lighting for Exterior Environments RP-33-14* Illuminating Engineering Society 2014
  - Hartley, M. J., Smelser, W.A. "Outdoor Lighting II", *Street and Area Lighting Conference* 2013
  - Hartley, M. J., Smelser, W.A. "Outdoor Lighting II", *Street and Area Lighting Conference* 2012
  - Hartley, M. J, et al. (2012). *American National Standard for Office Lighting*

RP-1-12 Illuminating Engineering Society	2012
▪ Hartley, M. J., Smelser, W.A. "Outdoor Lighting II", <i>Street and Area Lighting Conference</i>	2011
▪ Hartley, M. J., Smelser, W.A. "Intermediate Outdoor Lighting Course", <i>Street and Area Lighting Conference</i>	2010
▪ Hartley, M. J., Smelser, W.A. "Intermediate Outdoor Lighting Course", <i>Street and Area Lighting Conference</i>	2009
▪ Hartley, M. J., Smelser, W.A. "Intermediate Outdoor Lighting Course", <i>Street and Area Lighting Conference</i>	2008
▪ Hartley, M. J. "Fundamentals of Lighting", <i>Peerless Seminar</i>	2008
▪ Hartley, M. J., Smelser, W.A. "Intermediate Outdoor Lighting Course", <i>Street and Area Lighting Conference</i>	2007
▪ "Fundamentals of Lighting", <i>Peerless Seminar</i>	2007
▪ Hartley, M. J., Smelser, W.A. "Intermediate Outdoor Lighting Course", <i>Street and Area Lighting Conference</i>	2006
▪ Hartley, M. J., Smelser, W.A. "Intermediate Outdoor Lighting Course", <i>Street and Area Lighting Conference</i>	2005
▪ Hartley, M. J., Smelser, W.A. "Intermediate Outdoor Lighting Course", <i>Street and Area Lighting Conference</i>	2004
▪ Hartley, M. J. "Hot Topics in Lighting", <i>Lithonia Seminar</i>	2004
▪ Hartley, M. J., Leadford, K. "Luminaires and Light Control", <i>Outdoor Lighting Symposium</i>	2003
▪ Hartley, M. J., "Automotive Sales Lighting", <i>Outdoor Lighting Symposium</i>	2003
▪ Hartley, M. J. "Survey of Lighting, Lighting Design", <i>Lithonia Seminar</i>	2003
▪ Hartley, M. J. "Fundamentals of Lighting, Outdoor Lighting", <i>Lithonia Seminar</i>	2002
▪ Hartley, M. J. "Intermediate Outdoor Lighting Course", <i>Street and Area Lighting Conference</i>	2002
▪ Hartley, M. J. "Advanced Outdoor Lighting Course", <i>Street and Area Lighting Conference</i>	2001
▪ Hartley, M. J. "Lithonia Lighting Sports Lighting Design", <i>Lithonia Seminar</i>	2001
▪ Hartley, M. J. "Survey of Lighting: Lighting Design", <i>Lithonia Seminar</i>	2001
▪ Hartley, M. J. "SCE&G Outdoor Lighting Basics", <i>Lithonia Seminar</i>	2001
▪ Hartley, M. J. "Lighting Basics: Lighting Design", <i>Lithonia Seminar</i>	2001
▪ Hartley, M. J. "Lighting Basics: Light and Psychology/Vision", <i>Lithonia Seminar</i>	2001
▪ Hartley, M. J. "Lighting Basics: Lighting Design", <i>Lithonia Seminar</i>	2000
▪ Hartley, M. J. "Lighting Basics: Light and Psychology/Vision", <i>Lithonia Seminar</i>	2000
▪ Hartley, M. J. "Survey of Lighting: Lighting Design", <i>Lithonia Seminar</i>	2000
▪ Hartley, M. J., Eads, J.K. "Outdoor Lighting Basics", <i>Street and Area Lighting Conference</i>	2000

- Hartley, M. J. "Outdoor Lighting techniques" *Lithonia Seminar* 2000
- Hartley, M. J. "Fundamentals of Lighting: Outdoor Lighting" *Lithonia Seminar* 2000
- Hartley, M. J. "Proposal for Automotive Retail Illuminance Guidelines", *IES Annual Conference, New Orleans, LA* 1999
- Hartley, M. J. Hartley, M. J, et al. (1999). *Lighting for Exterior Environments RP-33-99* Illuminating Engineering Society 1999

### Projects Designed

- Boy Scouts of America Regional Volunteer Center Atlanta, GA
- Southface Eco Office Atlanta, GA
- Scotts Stadium, University of Virginia Charlottesville, VA
- Panther Arena, University of Wisconsin – Milwaukee Milwaukee, WI
- Playa Vista Visitor and Community Centers Los Angeles, CA
- Cancer Survivors Park San Diego, CA
- Garden of Champions Palm Springs, CA

### Project Management

- Canada Line Light Rail Platform Lighting – Owner: SNC Lavalin Vancouver, BC, Canada
- Georgia Dome, Concourse Lighting – Owner: Atlanta Falcons Atlanta, GA

### Work Experience

*Matt Hartley Lighting, Principal* July 2015 – Present

- Created a project database which resulted in a 30% increase in productivity, billing, and revision.
- Created a program to assist in aiming linear fixtures on curved surfaces, varying roll and tilt angles allowing for realistic design and renderings.
- Designed and built a 3D printer to assist in Rapid Prototyping of optical designs and educational tools which have been used several classes.
- Built a Spectrometer to assist in color measurements of LED sources.
- Completed over 2,000 designs ranging from simple offices to multi-million dollar building campuses.

*SL Bagby, LLC* February 2015 – August 2016

Lighting Design Engineer

- Created a Project Database to track projects from inception to completion, which decreased job turn-around time by 15% and tracking errors by 30%
- Worked with the Design Team to create a master schedule to balance the line card while streamlining the design process.
- Assisted in creating new procedures for the Design and Technical Integration teams, which increased productivity by 25%

*Energie International Collection*

January 2009 – September 2014

### Technical Product Manager

- Created a product modification program which linked Customer Service and Product Engineering together which reduced Bill of Material errors and duplicate entries by 75%
- Created a program to format IES files from European partners for the US market following a specific structure for all Energie fixtures, reducing the time to market by 75%
- Following a corporate downsizing event, successfully combined Customer Service, Product Development, and Sales Management into one role.
- Created and documented new procedures for Customer Service which increased productivity and order entry by 20%
- Developed a procedure and program to create a fixture in AGI32 using simple optical designs and converting them to usable IES files for design verification.

### *Peerless Lighting*

September 2007 – October 2008

#### Specification Project Manager

- Managed the design for the Georgia Dome (Atlanta, GA) concourse lighting renovation that included a one-mile continuous fixture with a 1/8" variation where it connected to itself.
- Collaborated on a design for a transit fixture used in all the light rail stations in Vancouver, BC Canada for the 2010 Winter Olympics
- Created a program to manage modification which included real time updates through email which led to an increase of 25% in collaboration response time.

### *Lighting Analysts* 2007

February 2005 – September

#### Manager, Customer Care

- Created a targeted testing program which decreased program errors by 50% and reduced time to market by 20%
- Assisted in development strategies for AGI32 and Photometric Toolbox
- Created 30 new objects for AGI32, which included 8 realistic male and female models.
- Researched day lighting conditions to be visualized in AGI32 ray tracing option based on existing day lighting conditions.

### *Lithonia Lighting* 2005

January 1998 – February

#### Manager, Exterior Applications

- Managed an average of 8,500 designs per year for the group and was personally responsible for 2,500 of those projects.
- Created a program for logging projects submitted to Lithonia Lighting that reduced input and tracking errors by 35%
- Worked with the outdoor group on new fixture design from an application perspective which improved design efficiency by 30%
- Designed a program to convert over 100 sports lighting typical designs to a different fixture types to expand the offering to municipal customers on the Lithonia Lighting website.
- Assigned all projects to the group based on skill set and level of expertise.

## **Professional Associations and Community Involvement**

- Street and Area Lighting Conference: Chairman, Educational Coordinator, Lead Instructor, Planning, Sub-Committee Member, Education Sub-Committee Member, Vice Chair (Past), Education Sub-Committee Chair (Past), Planning Committee Chair (Past)
- Illuminating Engineering Society Full Member, Associate Member (Past)
- Committee Member Illuminating Engineering Society: Education Review Council Member (Past), Outdoor Environmental Committee (Past), Merchandise Lighting Committee, Office Lighting Committee, Outdoor Nighttime Environment, Education Library and Office Committee
- Chairman Illuminating Engineering Society: Automotive Retail Sales Lighting Committee (Past); Education, Library and Office Lighting Committee
- Illuminating Engineering Society Mentor (Past)
- International Dark Skies Work Group Member: Model Lighting Ordinance (Past)
- Past Judge for Lightfair Innovation Awards
- Past Judge for the Brilliance Awards
- Past Judge for the Robert Bruce Thompson fixture design competition

## **Continuing Education Courses**

- Achieve Global: Frontline Leadership – Core Interpersonal Skills
- SEAK: How to Start, Build and Run a Successful Expert Witness Practice
- SEAK: How to Write a Bulletproof Expert Witness Report

## **Skills**

- Time management and reading proficiency
- Strong verbal and written communication
- Critical thinking and research
- Analytical thinking and problem solving
- Leadership and interpersonal
- Commitment to task and attention to detail
- Supervisory
- Proven decision making
- Managing stressful work environment