



Kate Sweater Hickcox MS, LC, Assoc IALD

précis

- Expert in lighting research and design
- Researcher, designer and consultant specializing in lighting
- Master's Degree in Lighting and BFA in Furniture Design
- Public speaker and educator
- Lighting Certified by the NCQLP

experience

- 2019 - Current Treasurer @ IESNA Portland Maine Section
Portland, Maine
- 2019 - Current Secretary @ IES Discomfort Glare in Outdoor Nighttime Environments Committee
- 2016 - Current Lighting Design Fellow @ Design Trust for Public Space
New York, New York
- Designing a new green space to facilitate interaction between residents in New York City's public housing developments and the larger neighborhood of the Lower East Side, Manhattan.
- 2014 - Current Owner, Principal, Consultant, Designer and Researcher @ Dwaal Lighting Design
Belfast, Maine and Brooklyn, New York
- Research and design consulting
 - Research into the integration of lighting and acoustics
 - Custom luminaire design
 - Working with communities
 - Education
- 2013 - Current Lighting Certified by the National Council on Qualifications for Lighting Professions (NCQLP)
- 2016 - 2017 Part Time Faculty @ Parson's School of Design
New York, New York
- School of Constructed Environments
 - Allied studios class (Lighting design & Interior design master's students)
- 2011 - 2013 Senior Research Specialist @ Lighting Research Center (LRC) at RPI
Troy, New York
- Supporting application of lighting technologies through education and design
 - Project Lead for design of testing parameters, and physical testing of off-grid solar powered lighting, for the Lighting Africa / Lighting Global program
 - Design and implementation of lighting for low-income housing through the ASSIST program
 - Planned, executed, analyzed and reported on studies looking at issues related to
 - glare including questions about luminous surround and spectral power distribution
 - dimming and user preference
 - flicker, stroboscopic effect and perception
 - human factors of lighting studies on a wide range of topics
- 2007 - 2008 Lighting Fixture Designer @ Baldinger Lighting Design
New York, New York
- Design and engineering of high-end custom lighting fixtures for residential, hospitality, etc.
- 2006 - 2007 Lighting Designer @ Focus Lighting
New York, New York
- Architectural lighting design for private residences, restaurants, hospitality and museums



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education

Masters of Science @ Lighting Research Center, Rensselaer Polytechnic Institute
Troy, New York

Bachelor of Fine Art @ Rhode Island School of Design
Providence, Rhode Island

memberships

- IES Discomfort Glare in Outdoor Nighttime Environments Committee
- IES Museum & Art Gallery Lighting Committee
- Associate Member IALD

notable projects

- Ongoing Lighting design and research for *Opening the Edge*, Design Trust for Public Space NYC
- Ongoing Lighting design and research for *Operation Railbridge*, Schenectady NY
- Ongoing Design and engineering of custom acoustical luminaires
- 2019 Research and report on Dark Sky metrics and practices for Design Lights Consortium (DLC)
- 2019 Electric Garden Recording Studio, Brooklyn NYC, selected as finalist in [d]arc awards
- 2019 Design and install of custom "outdoor" gallery lighting for the Village Canoe, Belfast ME
- 2018 Architectural lighting design for the New Museum, 5th floor Rotating Gallery, NYC
- 2018 Research & Architectural Lighting design for Dartmouth College, Hannover NH
- 2018 Architectural Lighting design for Il Mulino Italian Restaurant, Hamptons NY
- 2017 Architectural lighting design for Electric Garden Recording Studio, Brooklyn NY
- 2017 Architectural lighting design for the Architecture Studios at UVA, with Tillett Lighting Design
- 2016 Architectural lighting design for Silent Barn, venue, Brooklyn NY
- 2016 Architectural lighting design for private sustainable residence, Vermont
- 2015 Architectural lighting design for Barbaar Cafe and Makerspace, Delft Netherlands

appearances / press

- 2019 NYCxDESIGN Wanted Design Week NYC with custom acoustic luminaire prototype
- 2019 Featured, [d]arc 3d Decorative Design Directory 2019/20, *Emerging talents in lighting*
- 2019 Presenter, LEDucation, *Lighting Quality Metrics for Products and Projects*, NYC
- 2017 Invited, Tillett Lighting Design Lunch and Learn, *About TM-30-15*, NYC
- 2012 Presenter, SPIE 8484, *Effect of different colored background lighting on LED discomfort glare perception.*