

AVAILABLE LIGHT

Derek Barnwell, Assoc. IALD, IES
Principal

Education

AAS/1984, Wake Technical College, Raleigh NC

Professional Memberships

USITT, DLF, IES, IALD



Professional History

2017-Present	Managing Principal, Raleigh Studio, Available Light Inc., Raleigh NC
2014-2016	Senior Associate, Available Light Inc., Raleigh NC
2005-2014	Senior Associate, Available Light Inc., Salem MA
2002-2005	Lighting Sales Representative, Boston Light Source, Boston MA
1999-2005	Lighting Systems Manager, Design & Production Inc., Lorton VA
1996-1999	National Field Service Manager, Electronics Diversified Inc., Hillsboro OR
1990-1998	Freelance Lighting Designer for Theatre, Film, and TV

Overview

Derek earned a degree in Electrical Engineering and Technology from Wake Technical College in Raleigh NC. While a member of the Media Systems Division at Design & Production in Lorton VA, Derek was responsible for all aspects of lighting design and show control implementation for many D&P projects. He has also served the architectural lighting industry from the manufacturer's side—first as a software/marketing specialist for several lighting companies and then as a manufacturer's representative.

Derek has over 27 years experience designing lighting systems for museums, architecture, and entertainment. He is well-experienced with the Smithsonian Institution's goals and requirements for exhibit lighting design, and has significant experience with exhibits featuring various types of artifacts. Derek possesses a profound understanding and appreciation for lighting and architecture from many perspectives: creative, technical, and logistical.

Major Projects

Completed museum projects at Available Light include: the National Museum of the Marine Corps in Quantico VA, the Mt. Vernon Educational Center, the BB King Museum, the Museum of Alabama, the Grammy Museum Mississippi, and the National Air & Space Museum's Milestone Gallery. Completed architectural projects include: the architectural renovation and new wing of the Liberty Science Center in Jersey City NJ, the new Center for Life Science Building in the famed Longwood Medical area of Boston, corporate communication centers for HP, Sprint and AT&T, Cary Hall in Lexington MA, and The Rotunda at UVA. In progress museum projects include The National Law Enforcement Museum in Washington DC, the Mississippi History Museum, and USS Yorktown. In progress architectural projects include the Norfolk Consolidated Courthouses in Norfolk VA, Union College, and the 101 West Chapel Street Development.

Awards

THEA winner, George Washington - Donald Reynolds Education Centre at Mount Vernon and the National Museum of the Marine Corps in New Orleans LA.