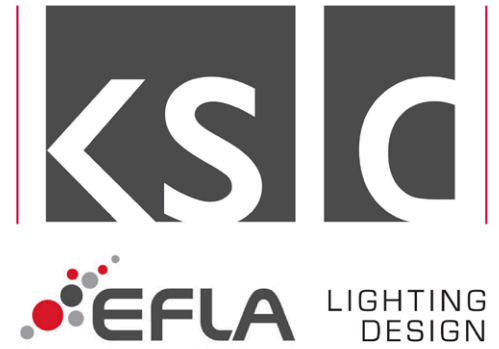


2018 LIT

Lifetime Achievement Award

Kevan Shaw



KSLD | EFLA Lighting Design

Kevan Shaw Lighting Design (KSLD) was established in 1989, and has built a strong reputation in a wide range of areas over the last three decades. We have an extensive portfolio of award-winning lighting design projects, both locally and internationally.

This merger increases the scale of practice and market access throughout the Nordic region, allowing us to take our lighting design capability to exciting new levels, creating leading-edge solutions in lighting design.

KSLD joined EFLA Consulting Engineering in November 2018. We are now proud to be KSLD, the EFLA Lighting Design division.

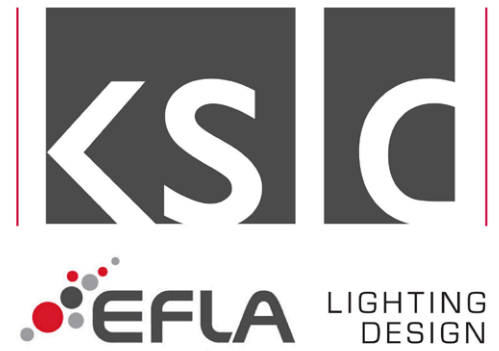
Our designers come from arts and architecture backgrounds. We deal with light as a design medium, unique in its lack of substance but vital in creating the visual impact of a project.



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Kevan Shaw CEng BSc Hons FIALD MILP MSL



Kevan Shaw Biography

Kevan Shaw's career in lighting began over 40 years ago, 30 of which have been at his firm, Kevan Shaw Lighting Design. Formally educated in Economic and Technical History and Social Psychology, Kevan was the first non-engineering degree holder to attain Chartered Engineer status through the Institute of Lighting Professionals in 2012.

Kevan's achievements in the field of lighting design consist of more than 700 projects completed worldwide and across a broad range of fields. Notable projects include the Scottish Parliament Debating Chamber, the Ashmolean Museum in Oxford and the Scott Monument in Edinburgh.

In 2013, Kevan was Awarded Lighting Designer of the Year at the LUX Awards.

His career began in stage lighting, which encompassed work with TV and industrial shows. From there, he moved to exhibition and architectural lighting design, forming KSLD in 1989.

His interest in lighting extends to education. He has taught at Hochschule, Wismar and is currently Lecturer at Napier University, Edinburgh, for the Lighting Design Masters. Kevan also teaches at educational workshops and is frequently requested to guest lecture and mentor students with their Masters theses.

As a Director of Sustainability for PLDA from 2008 to 2011, Kevan's role included working on lighting matters within European legislation.

He continues this work as a member of the European Union Regulatory Affairs Working Group of the International Association of Lighting

Designers (IALD). Kevan was Chair of the Lighting Guide 8, Museums and Galleries 2015 workgroup for Society of Light and Lighting (SLL). Formerly, he has been on the Membership Committee for International Association of Lighting Designers (IALD) and has served as an elected board member for four years. In 2018, Kevan was proud to be formally inducted to the IALD College of Fellows.

In 2018, Kevan led the merger between KSLD and EFLA Consulting Engineers, based in Iceland, transforming the practice from a team of seven lighting designers in Scotland to a global team based across three countries.

Kevan's role at KSLD | EFLA Lighting Design is that of Design Director. He maintains a supervisory and executive role for all projects as well as overall management of the practice.



Professional Memberships

- Fellow of the International Association of Lighting Designers (FIALD)
- Member of ELDA/IALD Global Union negotiation team
- Chartered Engineer Member of the Institute for Lighting Professionals (ILP)
- Member of the Society of Light and Lighting (SLL)
- IALD European Regulatory Affairs Committee, 5 years
- IALD Board of Directors, 4th year of service
- Member of the Association of Lighting Designers (ALD)
- Member of the International Advisory Committee of the Chinese Lighting Designers Association (CLDA)

Educational Activities

- Part time Lecturer in Lighting Design, Napier University, Edinburgh, 2000-2018
- Alingsas educational workshop leader, Sweden, 2008 & 2015
- Course Lecturer, MDes Lighting Design, Napier University, Edinburgh
- Course Lecturer, MSc in Lighting Design, Hochschule Wismar, 2001 to 2007
- PLDA educational workshop leader, Lyon, 2002; Liverpool, 2008; Lights in Goa, 2011

Lectures and Papers

- Charles Rennie Mackintosh: Lighting Designer, ILP Scotland, How to Be Brilliant series, 2018
- Professional Tools: Practical Application of Luminance Based Design, IALD Enlighten Europe, 2018
- Charles Rennie Mackintosh: Lighting Designer, PLDC Paris, 2017
- Understanding the Lighting Revolution, Enlighten Asia, Tokyo, 2017, Guangzhou, 2017
- How Subjective Colour Preferences Inform Choices for Art, Lightfair International, 2015
- Fifty Shades of White, Enlighten Europe, 2014
- Time: the 4th Dimension of Light, Enlighten Americas, 2014
- Lighting the Lean Green Museum, Lighting Journal, 2014
- Lighting Conference, Goa, 2010
- Professional Lighting Designers Conference, Berlin, 2009
- IALD, Lightfair International Conference, Las Vegas, 2008; New York, 2005; New York, 2015
- Guangzhou International Lighting Exhibition, 2007 & 2015

Experience

- Lighting Design Director, KSLD, 1989- Present
- DHA Lighting Ltd. London, 1985-1989
- Freelance lighting design, London, 1984-1985
- Designer, Technician, R.D.E. Stage and Lighting Systems Ltd. London, 1978-1984
- Design Technician, Showlites Ltd. London, 1976-1978
- Max Fordham & Partners, London, 1975-1976

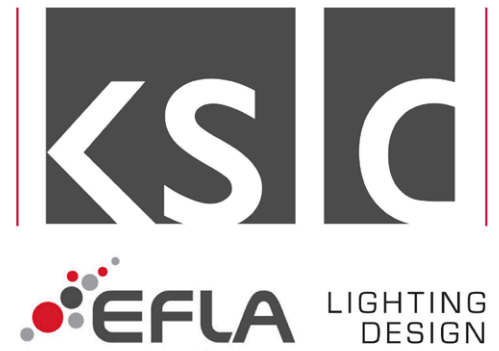
Education

- Loughborough University of Technology: BSc(Hons) Economic & Technological
- History & Social Psychology, 1972-1975

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Career in Lighting Design

Kevan has always been a pioneer of new technology. In 2000, he specified LEDs as an integral part of an architectural lighting scheme at the Centre for Contemporary Arts in Glasgow. He went on to one of the first LED only dynamic architectural lighting projects at the Public Institute for Social Security in Kuwait, which completed in 2003. Subsequently he created a dynamic building skin for Aspire Tower in Qatar 2006, which was (briefly!) the largest DMX architectural installation ever. In 2013, Kipco Tower in Kuwait was completed with dynamic integrated lighting using a combination of coloured spandrel glazing and single colours of LED rather than RGB LEDs, to achieve a unique and bold dynamic look.

Recently Kevan has re-lit two major spaces in the Scottish Parliament building in Edinburgh. Both the Main Hall scheme and the Debating Chamber scheme replaced original low voltage and metal halide lighting with LED, however both required re-conceptualising lighting while meeting challenging requirements.

In the Main Hall, the bare concrete finish required new timber architectural detailing to contain lighting that matches the design of the building. In the Debating Chamber the principle requirement was to provide high quality HD Broadcast lighting. Previously this had been achieved using metal halide spotlights which were at the end of their life.

Kevan's approach was to start from scratch and design a bespoke

light guide based LED luminaire to provide a broad soft light wash that also provides secondary light to the finely detailed timber ceiling to the chamber. The fittings were designed to architecturally fit the chamber by using the plan form of the chamber for the fitting. The graphic form for the light extractors represents the number of MSPs in the chamber, using an abstract figure form from the original graphic design in the chamber.

Technically, the lighting is designed with a high level of resilience, each luminaire having 4 independent power supply / driver / LED circuit board so any individual failure has limited effect on overall light output. The scheme is also designed to a 25 year system life based on operating hours and light output that is automatically varied between broadcast and non broadcast times.

Kevan was the Lighting Designer working on the restoration of the 2014 fire damaged Glasgow School of Art built in 1899 and 1910. This project involved extensive historical research to guide the reinstatement of the 1910 historical lighting in circulation spaces and specific historic rooms, including the Library where the majority of the original lighting was to be the only original surviving original fabric from the fire to be re-used. Again, these have been restored to the original appearance of 1910, based on research using original plate negative photographs. With the tragic fire of 2018, Kevan's work is put on hold, awaiting a new period of thorough restoration work.

Contribution to Lighting Education

Kevan is a keen lighting educator. He taught Lighting Design at Edinburgh Napier University between 2000 and 2002, and between 2012 and 2016. He also taught at Hochschule Wismar during the first four years of their Masters programme. He has been a guest lecturer and thesis supervisor at KTH in Stockholm. He also provides annual lectures for the building engineering course at Heriot Watt University, Edinburgh.

In addition to these formal educational settings he has taught many practical workshops for ELDA, PLDA and twice in Alingsås, Sweden. He regularly speaks at lighting conferences on educational and research topics.

Throughout the life of his practice, Kevan has introduced people to the profession, teaching and mentoring them through the early years of their careers. Notable KSLD Alumni include Tapio Rosenius, Founder and Director of Lighting Design Collective and Keith Bradshaw, Principal of Speirs and Major.

Published Works

Kevan was the chair of the Society of Light and Lighting workgroup that prepared CIBSE Lighting Guide 8, Museums and Galleries 2015 and as such edited and contributed extensively to the writing of this lighting guide. He also contributed to The Manual of Museum Planning 1999 and The Manual of Museum Exhibitions 2002 both by Barry Lord, writing the lighting sections of both books.

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Career in Lighting Design contd...

Over the last three decades, Kevan has written numerous articles for magazines including:

- *Dramatic light creates life in buildings, Interview with Kevan Shaw, Luce Magazine, July 2018*
- *Kipco Tower, Lighting India, March/April 2015*
- *Lighting the Lean Green Museum, Museums and Heritage, April 2014*
- *Spectrum House, Lighting Today, June 2013*
- *We Designers are in an impossible situation, opinion piece Lux Magazine, April 2012*
- *Lighting Legislation, A failure to deliver, The Lighting Journal, February 2012*
- *Sustainable Lighting Design: LED and beyond, Detail Green, February 2010*

Contribution to Lighting Research

Kevan undertook a research programme on light colour preferences in Galleries and Museums with Xicato in 2014. Outcomes have been presented at Enlighten Europe and Enlighten Americas and published in Xicato marketing materials.

Kevan is currently working with Kit Cuttle on the application in practice of the Perceived Adequacy of Illuminance based design methodology.

Advancement of Public Awareness of the Profession

Kevan's work always addresses the specific needs of the broader population of users while meeting each client's brief. As such, many schemes involving public and private space require lighting that is subtle, comfortable and effective rather than bringing attention to itself.

He also tries to 'leverage' lighting to bring additional information to the users of spaces. This includes using lighting elements to create wayfinding and navigation elements in projects such as hospitals where these tasks

are often very difficult for the users. In museums and galleries' he uses light to reveal detail and texture rather than just simply illuminate objects. He works carefully to ensure visitors achieve appropriate light adaptation to lower levels where these are required for conservation.

Occasionally the change wrought by his lighting design is so profound as to excite comment from users; two recent examples being the Scott Monument in Edinburgh where the new lighting scheme received much comment on social media and became a favorite selfie location. The re-lighting of the Scottish Parliament Debating Chamber also excited comment from sitting parliamentarians as well as the client body.

Community Service

Kevan Shaw is the voluntary technical advisor to the 'Light Aware' Charity and its forerunner the Spectrum Alliance. These organisations represent the interests of people who are negatively effected by artificial lighting technologies through specific diseases like Crone's disease and Lupus, and through other sensitivities both ophthalmic and dermatological. Kevan has written advice, reviewed publications, attended meetings with the UK government and generally provided advice and support to the organisations and individual members.

Affecting EU Policy

Over the past decade, Kevan has dedicated significant attention to regulatory affairs in the EU, observing some incredibly powerful regulations

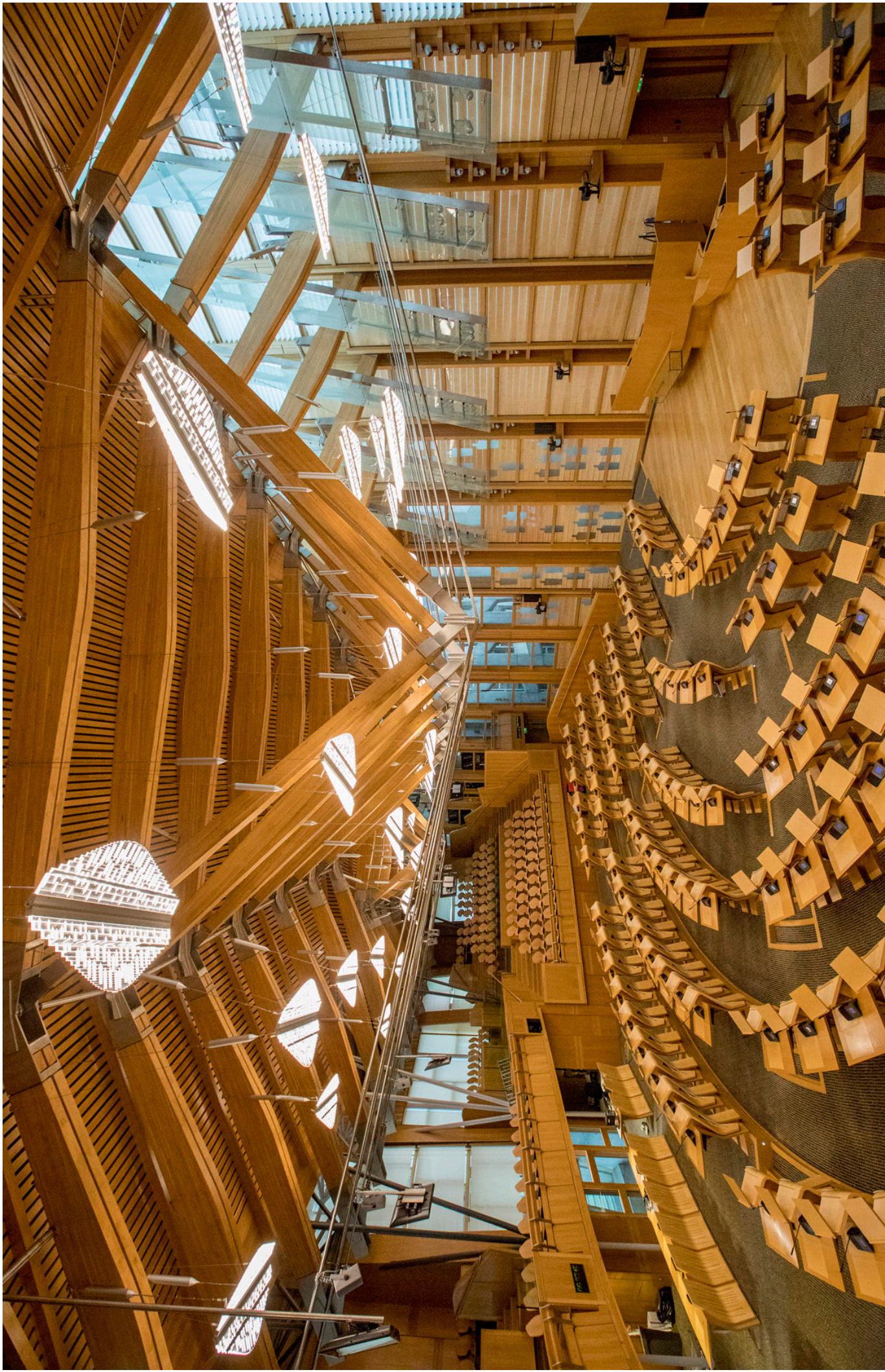
that have transformed the lighting designer's toolbox. He says, "European policies have shaped the lighting industry in the EU and elsewhere by pushing LED development at a fast rate, sometimes resulting in immature products reaching the market."

According to Kevan, it's important for designers to at least stay well informed about how laws and policies affect their practices, processes, and bottom line. "Lighting designers need to be aware of forthcoming regulation to inform our design process and notify our clients," he says.

"I believe engagement with the regulatory process in Europe is a vital task for the profession. Our practical viewpoint on lighting is not otherwise reflected among the industry and civil servants that are also participating in the EU consultative processes. By engaging, I've been able to raise awareness of the profession and our expertise to a broad range of policymakers throughout the EU."

A member of the IALD for more than 20 years, Kevan has served on the Association's Membership Committee, the European Regulatory Affairs Working Group and began his second term on the Board of Directors in 2017.

"Hopefully, IALD's presence in Europe can help ensure that future EU regulations are more balanced. They need to take a holistic view on the consequences of legal requirements applicable to lighting products, namely on lighting designers."



Scottish Parliament Debating Chamber, Edinburgh, Scotland
photography, Scottish Parliament Corporate Body

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New College, University of Edinburgh, Scotland
photography, Tom Duffin

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Scott Monument, Edinburgh, Scotland
photography, David Barbour



Royal Bank of Scotland World HQ, Gogarburn, Edinburgh, Scotland
photography, Malcolm Innes

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The Ashmolean Museum, Oxford, UK
photography, Andy Matthews

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KIPCO Tower, Kuwait

photography, Kevan Shaw

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Aspire Tower, Qatar
photography, Kevan Shaw

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