

Kevin Paul Mansfield BSc PhD FSL

Associate Professor

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Education

2004 PhD. *Lighting Appearance: Meaning and design*, University of London.
1978 RIBA Part I.
1977 BSc Architecture, Planning, Building and Environmental Studies, University of London.

Academic Appointments

2017– Associate Professor

UCL Appointments

Member, Quality Management and Enhancement Committee (2010–2015).
Member QMEC IQR Panel for UCL Philosophy (2013).
Member QMEC Working Group on Professional, Statutory and Regulatory Bodies (2009).

Faculty Appointments

Departmental Graduate Tutor (Research) (2018–2020).
MSc Tutor (Built Environment), The Bartlett School of Graduate Studies, UCL (2004–2008, 2010–2011).
Deputy Chair, BSGS Examination Board (2012–2014).
Course Director, MSc Light & Lighting, The Bartlett School of Graduate Studies, UCL (1990–2014).
Departmental Teaching and Learning Coordinator (2003–2010).
Member, Faculty Teaching Committee, The Bartlett School of Graduate Studies, UCL (2004–2011).
Member, MSc Programmes Committee, The Bartlett School of Graduate Studies, UCL (1990–2014).
Research Assistant, Technical Consultancy Support, The Bartlett, UCL (1977–1989).

Publications

Chapters in books

Mansfield, K. P. and Raynham, P. R. (2023) 'Architectural lighting' in *Encyclopedia of Color Science and Technology*, Shamey, R (ed.), Springer Science + Business Media LLC. <https://doi.org/10.1007/978-3-030-89862-5>

Peer-Reviewed Journal Articles

Kim D H, Mansfield K. 'Creating positive atmosphere and emotion in an office-like environment: A methodology for the lit environment'. *Building and Environment*. 2021; 194: 107686. Available from: <https://doi.org/10.1016/j.buildenv.2021.107686>

Van Creveld K, Mansfield K. 'Lit environments that promote health and well-being'. *Building Services Engineering Research and Technology*. 2020; 41(2): 193–209. Available from: <https://doi.org/10.1177/0143624419896250>

Mansfield K P. 'Architectural lighting design: A research review over 50 years'. *Lighting Research and Technology*, Vol 50, No 1 (2018) pp80–97.

Kim D H and Mansfield K P. 'A cross-cultural study on perceived lighting quality and occupants' well-being between UK and South Korea'. *Energy and Buildings*, (119), pp211–217. doi:10.1016/j.enbuild.2016.03.033

Del-Negro D and Mansfield K P. 'Urban Lighting Masterplans: Environmental and Sustainable Guidelines'. *The International Journal of Environmental Sustainability*, Vol 9, No 4 (2014) pp49–59.

Mansfield K P. 'Characterising 'Interest' in the Visual Appearance of Lit Interiors'. *Proceedings of the CIE Expert Symposium Visual Appearance*, Paris, France (19–20 October 2006).

Mansfield K P and Raynham P R. 'Urban Lights: Sustainable Urban Lighting for Town Centre Regeneration'. *Proceedings 10th European Lighting Conference*, Lux Europa, Berlin (19–21 September 2005) pp491–3.

Loe D L, Mansfield K P and Rowlands E. 'A Step in Quantifying the Lit Scene'. *Lighting Research & Technology*, Vol 32, No 4 (2000) pp 213–222.

Mansfield K P. 'Architectural Composition and Lighting Quality'. *Proceedings First CIE Symposium on Lighting Quality*, Ottawa, Canada 9–10 May (1998).

Loe D L, Mansfield K P and Rowlands E. 'Appearance of the Lit Environment and its Relevance in Lighting Design: Experimental Study'. *Lighting Research & Technology*, Vol 26, No 3 (1994) pp119–133.

Comment on Peer-Reviewed Journal Articles

Comment 1 on Cuttle C. 'Extending the Lighting Design Objectives Procedure for Holistic Lighting Solutions'. *Lighting Research and Technology*. Sep 2, 2022.
Available from: <https://journals.sagepub.com/doi/full/10.1177/14771535211061044>

Chapters in books (non peer reviewed)

Foreword in Pinto-Coelho, J. (2023) *Conceptual Lighting Design*.

Teaching

Courses Taught (until 2023)

MSc Light & Lighting

BENV0061 Advanced integrated lighting design. (30 credits).

BENV0060 Lighting research. (15 credits).

BENV0062 Lighting practice. (15 credits).

BENV0135 MScLL dissertation supervision. (90 credits).

Awards Received

Society of Light and Lighting (SLL) Lighting Award (2014).
Chartered Institution of Building Services Engineers (CIBSE) Leon Gaster Medal (1994).

External Examiner

PhD Examiner (Imke Van Mil (Royal Danish Academy) *Artificial Lighting Design for Primary Learning Environments*) Apr 2021.

EngD Examiner (Katharine van Someren (University of Reading) *User Behaviour and Perception as Drivers for Lighting Energy Efficiency and Performance Gap Reduction in Higher Education*) Nov 2017.

PhD Examiner (Deniz Atli (University of Sheffield) *Lamp Spectrum and Relative Spatial Brightness at Photopic Light Levels*)

PhD Examiner (Ulrike Lindh Wanstrom (University of Gothenberg) *Light Shapes Spaces*)

PhD Examiner (Farshad Ai (University of Sheffield) *Reflected Daylight in Schools in Iran*) Sep 2008.

Professional Activities

Journal referee

- 2024 *Lighting Research and Technology*.
'A controlled lab experiment on the effect of light exposure of different source sizes on alertness and cognitive performance during the post-lunch dip'.
- 2024 *Environment and Planning B: Urban Analytics and City Science*.
'NorDark-DT: A Digital Twin for Urban Lighting Infrastructure Planning and Analysis'.
- 2023 *Lighting Research and Technology*.
'The effect of light directionality on alertness and cognitive performance during post-lunch dip'.

External Assessor

- 2018 Validation Panel *BA (Hons) Lighting Design for Architecture*.
Rose Bruford College of Theatre and Performance.

Learning seminars

- 2018 *Access to Daylighting in the City of London*. City of London Corporation.

Academic Referee

Academic Promotions Committee, UCL.

Recent Presentations

Grémio Literario, Lisbon, Portugal (Mar 31, 2017). *The Emotional Value of Light* (with Professor João Pinto-Coelho).