



The Society of Electrical, Electronics and Energy Engineers in Israel

The Committee of Illuminating Engineers, CIE Israel



International Commission on Illumination
Commission Internationale de l'Éclairage
Internationale Beleuchtungskommission

INVITATION

DEAR IES AND CIE MEMBERS

WE ARE PLEASED TO INVITE YOU TO ATTEND OUR UPCOMING ONLINE MEETING

LIGHTING TECHNOLOGY NEWS & LIGHTING INDUSTRY UPDATES

**SEPTEMBER 17 | 15PM (CET)
VIRTUAL EVENT ON ZOOM PLATFORM**

Meeting Agenda

14:45	Zoom Connection
15:00	Introduction and Greetings: Eng. Alex Yarmolinsky – CIE Israel NC Chairman Dr. Jennifer Veitch, CIE President... Brienne Wilcock, IES Director of Standards & Education Dr. Uri Doman – Committee of Illuminating Engineers, CIE Israel, Chairman
15:15	Part 1: IES LIGHTING PROGRESS REPORT 2024 Mark Lien, LC, G-CUVMP, CLEP, CLMC, HBDP, LEED AP
16:00	Part 2: Balancing Light: Minimums and Maximums in Road Lighting Prof. Wout van Bommel, The Netherlands
16:45	Q&A Panel with Presenters Moderator: Eng Alex Yarmolinsky
17:15	End of the Program

- program may be subject to change

Registration by email: inna@seeei.co.il

(Full name, contact details, and Society membership are required)

Event link will be sent by return

JOIN US WITH NO FEE!



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ABSTRACTS:

PART 1:

IES LIGHTING PROGRESS REPORT 2024

The Progress Report is the only annual evaluation of new lighting products, software, research, and publications tasked with reporting results every year. The committee reviews submissions from throughout our lighting community and selects only those that advance the art and science of lighting for inclusion in the Report. This committee has been continuously monitoring our industry since 1911 and it continues to be a microcosm of the lighting field. It is a way to plot trends and the convergence of new technologies. Join us for a current update on changes that will affect how we work. Everything is a fast-moving tech thing now and if you are not keeping up, it is easier to lose relevance than ever before.



Mark Lien LC, G-CUVMP, CLEP, CLMC, HBDP, LEED AP

Brief Biography:

Mark has designed interior and exterior lighting systems for a wide range of applications including residential, municipal, retail, healthcare, energy audit retrofits, and both conventional and nuclear power plants. He started his lighting career by managing home centers and a lighting center providing sales and design specifications. Mark has provided lighting education while working, presenting, and teaching across four continents. He serves on over twenty lighting related committees including ASHRAE, ANSI, IEEE, IUVA, IDA, and the IES. As a part of his work, he monitors over 100 lighting and technology related organizations.

Mark is a columnist for Lighting Design and Application Magazine writing on the changes in our industry and he hosts a podcast on lighting trends and technologies. Mark has served on multiple boards and is currently on several executive committees advising various organizations. Mark ran the educational centers for both Cooper and Hubbell Lighting and was the Director of Government & Industry Relations for OSRAM SYLVANIA before joining the Illuminating Engineering Society. He serves as a lighting consultant to the IES today through his company, Augmented Illumination. Mark has been inducted into the Michigan Lighting Hall of Fame and has a Lifetime Achievement Award from the Edison Report and a Presidential Award from the IES.



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PART 2:

Balancing Light: Minimums and Maximums in Road Lighting

Road lighting is essential for maintaining high visual performance for motorised drivers during nighttime, ensuring the safety of all road users. In residential areas, where high-speed driving is not feasible, motorised drivers can now rely on modern vehicle lighting for safe navigation. Consequently, the focus of fixed road lighting in these areas should shift towards supporting the safety of pedestrians, cyclists, and moped users. This presentation will summarise the minimum lighting requirements for all user groups, with particular attention to the needs of older road users. The discussion will also explore whether earlier cataract surgeries should be considered to enhance safety.

In addition to addressing minimum lighting needs, it is crucial to control excessive lighting. Light that spills beyond the intended area is inefficient and wasteful and has detrimental effects on people, wildlife, and the environment. Excessive brightness can lead to stress and health issues for residents, while skyglow from light pollution obscures the night sky, diminishing the visibility of stars. This presentation will explain the mechanisms behind sky brightening due to light pollution and discuss the importance of setting maximum limits for road lighting to mitigate these adverse effects.



Prof. Wout van Bommel,

The Netherlands

Brief Biography:

Prof. Wout van Bommel is a *highly experienced lighting expert with over 50 years of comprehensive experience in the field. Formerly with Philips Lighting for more than 35 years, contributing significantly to the advancement of lighting technologies and standards. Known for groundbreaking research work that has influenced international lighting standards. Served as President of the International Lighting Commission (CIE) from 2003 to 2007 and honorary chairman of the Dutch "Light & Health Research Foundation" (SOLG). The first recipient of the "Wout van Bommel Award" from the Dutch Lighting Society, now an annual award. Recipient of the LIT 2020 Lifetime Achievement Award in Lighting Application Research. Consulting Professor at Fudan University, Shanghai, 2004-2018. Author of authoritative books on road lighting (2015) and interior lighting (2019). Renowned globally for delivering presentations, lectures, and workshops at prestigious institutions and conferences.*