

Agenda

- 1. CIE S 025 revision news
- 2. National SSL Seminar
- 3. Phasing out FL and CFLni
- 4. Danish Lighting Award 2022





Sep. 2021, CIE Division 2 initiated revision of CIE S 025:E2015* based on a Proposal drafted by Anders Thorseth (DTU, Denmark) and Tony Bergen (CIE Division 2 Director). This work is managed by Anders Thorseth, DTU, Denmark, andt@fotonik.dtu.dk

New standard spectral distribution for calibration with LED instead of heat beams: CIE 251 https://cie.co.at/publications/led-reference-spectrum-photometer-calibration

A Joint Technical Committee 20 is underway on wearable sensors between Division 2 and

Division 6

There is progress on TC 2-97 around CIE S 025

ISO/DTS 7127 Light and lighting — BIM Properties for Lighting — Lighting Systems is still ongoing

* CIE S 025:E2015, was prepared by CIE TC 2-71, with support from IEA 4E SSL Annex especially through IC 2013

Foto: Casper Kofod



DELFORSK

DEL Danak Center for Lys

DTU Risø

28.2 2023

Arrangementet

Program

Tilmelding

Program

Registrering og frokost

Velkomst | Carsten Dam-Hansen, DTU Electro

Lifetime testing, standards and methods | Steve Coyne, SSL Annex (Online)

DoLEDlast resultater | Dennis Dan Corell, DTU Electro

Smart lyskilder er ikke altid energi-smarte | Casper Kofod, Energypiano

Lysmåleteknik og indflydelsen på nøgleparametre – Eksempel flimmer og smart lighting | Anders Thorseth, DTU Electro

Kaffe og Kage

UVC hos LED iBond | Martin Løbel, LEDiBond

Goniospektrometer systemer til UV og smart lighting | Anne Bay, Viso Systems

UVC-LED effektivitet og simulering af systemer | Carsten Dam-Hansen, DTU Electro

Laboratorie rundvisning

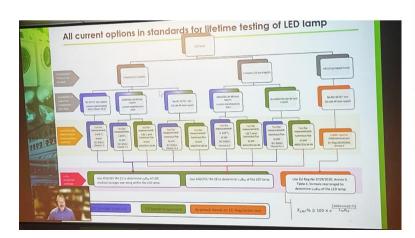
National LED Seminar 2023

Talks on

- LED lifetime standards and test
- Smart lighting
- Lighting metrology
- UVC LED
- Goniospectroradiometry

SSL Annex represented with presentations by

- Steve Coyne
- Casper Kofod
- Carsten Dam-Hansen









National LED Seminar 2023

85 participants

- Lighting industry,
- Lighting designers
- Energy consultants
- researchers
- students







National LED Seminar 2023

30 on lab tour

- Goniospectrradiometry
- TLM measurement
- Integrating sphereradiometry





Phasing out T8-, T5- and CFLni before 2023/9

- Major problem for municipalities
- In Copenhagen alone, 300.000 light points
- LED Replacement?
 - CFL 120 types/17 sockets -> 25 types of LED replacements for CLFs
 - FL 250 types -> 100 types of LED replacements
 - LED retrofit systems
- Problems: LID form fixtures, efficacy, TLM, EMC, safety
- Preparing advice for building responsibles
- Project application.

Danish Lighting Award 2022

Presentation of the four candidates selected by the jury behind the Danish Lighting Award

Foto: Casper Kofod







DTU Auditorium 116

The building is renewed in a way where daylight and artificial lighting together create a welcoming study environment.

Hanging textiles captures and retains sunlight providing a gentle and natural light in the room. The brick core is illuminated with wallwash.



