

Country Update: Denmark



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4th November 2021



DTU Fotonik
Department of Photonics Engineering

Agenda

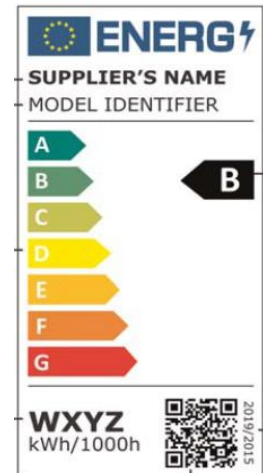
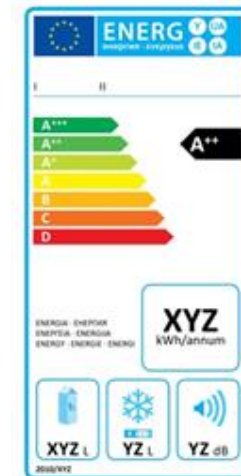
1. Implementation of EU Regulation
2. New Danish Measurement procedure
and Standardisation project
3. TLM project

1. Implementation of EU regulation

- Implementation 1/9 2021
- DEA has held two clarification seminars for the lighting industry



COMMISSION REGULATION (EU)...



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2. New Danish Research project

International Standards – Global Energy savings

- Partners: DTU Fotonik (project manager Anders Thorseth), Energy piano, VISO Systems and Danish Center Lighting
- Period: 01-09-2021 - 31-08-2023
- Consider use of new XML-formats (TM-33) in relation to existing Eulumdat, LM63, TM-14 or UNI 11733-2019 – for engineers, lighting designers and architects in complex lighting projects
- Global Lighting Data Format <https://gldf.io/> (Dialux, Relux), BIM
- Consider and test new measurement procedures providing higher energy efficiency and better lighting quality
- Include test and analysis of possible savings by use of smart lighting (dimming, CCT, standby, and intelligent functions)
- Implementing the XML solutions in VISO Systems software
- The solutions will be forward the results to CIE S 025 (Anders Thorseth Danish representative) for their coming revision of the standard



3. New TLM project

- **”Flicker Explained - to ensure the new EU ecodesign regulations on temporal light modulation for good lighting and health”**
- **Spread awareness of TLM**
- **More people to be able to measure quickly, easily and correctly**
- **Period: 1. October 2021 – 30. September 2022.**
- **Program: EELYS, Energimyndigheten, SEA**
- **Partners: Lund University and DTU Fotonik**



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Thank you