

TC2-49 Progress Report

April 2, 2000

Y. Ohno

1. Workshop on Photometry of Flashing Lights, Warsaw, June 25, 1999

- Report published in CIE Pub. 133, Proc., 24th Session of CIE, Vol.2, 64-67 (1999)
- http://nml.csir.co.za/~cie2/meetings/1999_Warsaw/Workshop_Proceeding4.htm

2. TC2-49 Meeting, June 29, 1999, Warsaw

Attendees:

Y. Ohno, R. Distl, P. Kohn, J. Berkhout, M. L. Rastello, T. Larason, G. Sauter, P. Webb, G. Eppeldauer, A. Bouman, L. L. Larsen, P. Kärhä, T. Goodman, M. Budzinski, K. Muray, C. Jones, H. Kondo, F. Hengstberger, R. Stolyarevskaya, G. Xu, J. Scarangelo, R. Kohler, U. Kucuk, R. Austin, (underline: then member)

New members after the meeting:

David King, R. Kohler, Jan Berkhout, H. J. Schidt-Clausen, J. Rennilson

Distribution: CIE TC2-49 Report (Draft 0.1) – June 18, 1999

Discussion:

- Form Factor method should be included → TC agreed.
- Multiple flash should be defined in this document → to be discussed further.
- Background (DC component) over a flash should be addressed → not agreed.
- Detector linearity issues to be covered in detail → agreed.
- Spectroradiometric methods (for photometric purpose) to be included → agreed. (for diode-array/CCD spectroradiometers only).
- Details of the requirements of photometer head should not be included → agreed. (refer to Pub. 69 and TC2-37 document)
- Section of “derivation of quantities” be changed to “calibration of photometers” → agreed.
- Timeframe of completing the document → 3 years
- Scope is accepted with no changes.

The chairman requested further comments by email.

3. Papers received from Schimidt-Clausen

- “A Comparison of different methods for the determination of the effective luminous intensity of singal lights in the form of Multiple pulses,” CIE-Journal, 1-1 (1982)
- “Investigation of the spectral luminous efficiency and the signal process in the human eye,” Proc., EPRI/LRO Fourth Symposium – Vision at Low Light Levels, Orlando Florida (1998)

- “The influence of the angular size, adaptation luminance, pulse shape, and light colour on the Blondel-Rey constant a”, *The Perception and Application of Flashing Lights*, Adam Hilger London, 95-110 (1971)
- ECE Regulation No. 65

4. Other documents received

- Japanese Committee Report: “Methods for Photometry of Flashing Light” (1988) – in Japanese. (from H. Kondo)
- IALA standard: “Recommendations on the determination of the luminous intensity of a marine aid-to-navigation light” (December 1977) (from Carl Andersen)

5. ASTM Standard Test Method for Measuring the Photometric Performance of Flashing Lights

The document is now being developed by ASTM committee D04.38.04 chaired by J. Rennilson, with several members from TC2-49. Close contact is kept to avoid inconsistency. There was a D04.38 meeting at NIST, Jan. 10, 2000. Fourth draft is now distributed.

6. TC2-49 Partial Draft 0.2 produced to be discussed in London