

Progress Reports for CIE Division 2 Meeting in Teddington, UK, April 2000

TC 2-25 Calibration Methods and Photoluminescent Standard for Total Radiance Factor Measurements

Chair: J. Zwinkels (Canada) **AD:** Johnson

ST: The TC last met in May 1999 in Vancouver, B.C. in conjunction with the Inter-Society Color Council meeting. The eighth draft of the TC report was discussed. Revisions were received to Section 2.1 on FWAs in Textiles and Paper and it was recommended to condense the information in Section 4.3 on the Effect of Instrument Polarization and to remove the description of the fluorescence-weakening method in Section 3.1 of the One Monochromator Methods. The other suggested changes were largely editorial in nature and include grouping the References together at the end of the document. These revisions are currently being implemented by the Chairman and the revised document (ninth draft) will be circulated for TC ballot by the Fall of 2000.

Liaison Report

ISO TC6/WG3

The most recent meeting of TC6/WG3 was in May 1999 in Helsinki, Finland. The next meeting will be in conjunction with the ISO/TC6 meeting in Whistler, B.C., Canada, September 25-30, 2000. The main issues that will be discussed are: (1) the calibration of reference instruments by authorized laboratories; and (2) the question of which refractive index, wavelength, and reference illuminant should be used in the definition of the gloss scale in ISO 8254-3 "Gloss at 20°".

The following ISO draft standards were reviewed and comments sent to CIE CB: ISO/FDIS 5631 "Paper, board and pulps – Determination of colour – (C/2°) Diffuse Reflectance Method" and ISO/FDIS 8254-1 "Paper and board: Measurement of specular gloss Part 1: 75 degree gloss with a converging beam, TAPPI method". In the former case, the comments were generally editorial and included changing an equation to be consistent with CIE Publication 15.2:1986 and adding ISO/CIE standard 10256 to the Bibliography. In the latter case, the comments were extensive and raised concerns over the general relaxation of the geometric tolerances. It was considered that these tolerances were unacceptably large and contrary to the findings in published studies on the instrument variables in measuring 75° specular gloss. This standard is now in final version and is to be submitted for parallel CEN and ISO balloting.

ISO Standard 2469 "Paper, board and pulp: Measurement of Diffuse Reflectance Factor" was last approved in 1994 and this standard is under active revision. ISO Standard 2470 "Paper, board and pulp: Measurement of diffuse blue reflectance factor (ISO brightness)"

is also under active revision. There was some concern from a CIE member (Dr. Ellen Carter) that the ISO subcommittee was defining the UV content of Illuminant C for these ISO brightness measurements. A reply was sent to clarify that the committee is proposing to redefine ISO brightness and not to redefine Illuminant C.