

CIE 8-10 Oct 10, 2007 Meeting

Attendees:

Todd Newman, Phil Green, Ann McCarthy, John Haikin, Yasuki Yamauchi, Eric Zeise, János Schanda

1. Ann to send János Schanda address for him to send the physical papers to Lexmark.
2. Lexmark to complete goniospectrometry measurement of the papers.
3. Solution to the problem of adapting the wavelength increments in each measurement to a standard increment is underway in the University of Banonnai. The increment will be 1nm. The method is calculating the $\Delta\lambda$ values in each measured wavelength interval— calculating the power in each wavelength interval and then modifying that with the color matching functions, i.e., measured power density multiplied by wavelength interval is re-distributed to the one nm interval.
4. An update to the measurement spreadsheet is planned so that the spreadsheet will do a runtime validation that all information has been gathered. Eric notes that he has that action item and will plan to complete that within the next month.
5. Worldwide volunteers: Todd Newman has a 5 min time slot during Mitch Rosen's CIC spectral imaging session [Nov 8 Thursday morning] to ask for volunteers.
6. Discussion of related Div1 TC01-66 Technical Report. The wavelength limits are 300 nm - 780 nm. In the range up to 320 nm the power is zero. [In general for colorimetric purposes the CIE range is recommended to be 380nm-780nm.] The TC01-66 Technical Report gives the recommendation that when previously using D50 for indoors then replace that with 'Indoor D50', and when previously using D65 then replace that with 'Indoor D65'. The correlated color temperatures of the indoor versions are slightly modified from the originals. The chromaticity co-ordinates of the four illuminants are seen in the following table:

Table 1. Chromaticity co-ordinates of CIE standard illuminant D65, illuminant D50 and indoor illuminants ID50 and ID65

	x	y
CIE standard illuminant D65	0,31272	0,32903
CIE illuminant D50	0,34567	0,35851
Indoor illuminant ID65	0,31067	0,33068
Indoor illuminant ID50	0,34322	0,36022

7. Planning for the transfer of the reference light source.

János Schanda noted that he has cleaned the reference white standard and checked its calibration. It is now OK.
. He recommends that we use better packaging in the future.

János Schanda has two volunteers – one from Slovenia, one from Bulgaria – volunteered at the Beijing meeting. He will work with those contacts during October and November. **The equipment will return to János Schanda by end of November.**

Note: János Schanda is concerned about receiving shipment from outside of the EU. Importing from outside EU into Hungary is significant tax. Inside EU is no problem. In each case of equipment transfer we will have to send to UK [Phil Green] and then Phil will send to János.

Yasuki Yamauchi thinks there is no problem of tax for 'scientific equipment' when importing into Japan. **János Schanda will directly send the equipment to Yamauchi-san at the end of November.**

Note: In past Eric sent it to Yamauchi-san and that worked fine. There were also no problems shipping to UK. János Schanda wrote a letter explaining the purpose and function of the equipment.

János Schanda to confirm the letter is with the equipment. Scan the signed letter and post it with CIE TC08-10 documents.

Post meeting note János reports: “Sorry, I could not find the letter we formulated with Todd, I will still try to find a copy, but if anybody else has one, or Todd can remember, that could help.”

Yasuki Yamauchi – has several volunteers with Japan mirror committee and will need the fixture for one month. He also has contacts in China and Taiwan. He will verify details of their measurement environment and equipment before sending them the equipment. He will start by contacting them and then sending them the guideline and the spreadsheet – followed by discussion to verify understanding.

Yamauchi-san to investigate sending the equipment to China and Taiwan – with respect to import/export tax and duties. He will let us know on that.

We will decide the next transfer of the equipment after Yamauchi-san has completed his portion.

8. Next meeting: Thursday Nov 8, 2007 12:15pm – 1:15pm. in Albuquerque. Todd Newman and Yamauchi-san and John Haikin will be there all week, TBD Ann McCarthy. Phil is leaving on Sunday before CIC. János Schanda will not be there. Others from the full membership may be there. We will discuss the results of Todd’s 5 minute presentation and begin planning the next testing phases.