

# AGREEMENT BETWEEN THE INTERNATIONAL COMMISSION ON ILLUMINATION AND THE INTERNATIONAL COMMITTEE FOR WEIGHTS AND MEASURES

## Article I

1. The International Commission on Illumination (CIE), referred to hereinafter as "the Commission", and the International Committee for Weights and Measures (CIPM), referred to hereinafter as "the Committee", agree that with a view to facilitating the implementation of their objectives, set out respectively in the Statutes of the CIE and in the Metre Convention, they will act in close cooperation with each other and consult each other regularly in regard to matters of common interest.
2. The Committee takes note of the objectives of the Commission in the fields of photometry, radiometry and colorimetry as set forth in the Statutes of the Commission and in particular that the Commission has the expertise and role to standardize action spectra for photobiological and photochemical quantities, including those related to human vision, and to ensure that data obtained in the course of its work is accurate and reliable.
3. The Commission recognizes the responsibilities and role of the Committee as set forth in the Metre Convention and in particular also the recommendation of the Member States set out in Resolution 4 of the 21st General Conference of Weights and Measures (1999) related to the need to use SI<sup>1</sup> units in studies of Earth resources, the environment, human well being and related issues.
4. Accordingly, the Commission and the Committee (the Parties) will consult together to ensure that data, related in particular to measurements of light, optical radiation, colour, optical properties of materials, photobiological and photochemical quantities, coming from the programmes organized under the auspices of the Commission are properly based on units traceable to the SI and internationally recognized through the procedures of the CIPM Mutual Recognition Arrangement for National Measurement Standards and the written Standards, Guides and Reports published by the Commission.
5. The Parties note that the Committee, through its Consultative Committee on Photometry and Radiometry (CCPR), deals with the fundamental and applied metrological aspects of a wide range of photometric and radiometric issues like measurement traceability, terminology, equivalence of measurements and uncertainty of measurement and that the Commission sometimes deals with these same issues, often on a more applied level. The Parties therefore undertake to consult each other so as to collaborate and avoid duplication or inconsistency between their actions.
6. Recognizing that the CIPM's responsibility for the definition of the photometric units in the SI<sup>1</sup> and the standardization of the action spectra of the human eye<sup>2</sup> by the CIE are

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<sup>1</sup> Le Système International d'Unités (The International System of Units)

<sup>2</sup> The CIE action spectra for the human eye in various states of adaptation (photopic, mesopic and scotopic), for various field sizes (2°, 10°) and various other conditions (visual environment, age of observer, etc) as the CIE may decide to standardize.

the interlinked cornerstones of practical physical photometry worldwide<sup>3</sup>, the Parties undertake to inform each other whenever either Party is contemplating a change in any of these foundations of physical photometry. If considered necessary by both Parties, a joint, temporary, ad-hoc task group, reporting to the CCPR and the relevant CIE Division, would be formed to discuss the specific topic in more detail.

7. Similar arrangements would be agreed for common actions should work be needed or changes be proposed in relation to other quantities of interest to both parties.

## Article II

### **Reciprocal representation**

1. Representatives of the Committee shall be invited to attend sessions of bodies of the Commission and to participate without vote in the deliberations of these bodies and, where appropriate, of its Technical Committees and Divisions with respect to items on the agenda in which the Committee has an interest.
2. Representatives of the Commission shall be invited to attend the General Conference of Weights and Measures and meetings of the CIPM's Consultative Committee on Photometry and Radiometry (CCPR) and to participate without vote in the deliberations of these bodies with respect to items on the agenda in which the Commission has an interest.
3. Appropriate arrangements shall be made by agreement for reciprocal representation of the Commission and the Committee at other meetings convened under their respective auspices which consider matters in which the other organization has an interest.

## Article III

### **Exchange of information and documents**

1. Subject to such arrangements as may be necessary for the safeguarding of confidential material, the Secretariat of the Commission and the International Bureau of Weights and Measures, hereinafter referred to as the International Bureau, acting on behalf of the Committee, shall keep each other fully informed concerning all projected activities and all programmes of work that may be of interest to the other party.
2. The Commission and the Committee recognize that they may find it necessary to apply certain limitations for the safeguarding of confidential information furnished to them. They therefore agree that nothing in this Agreement shall be construed as requiring either of them to furnish such information as would, in the judgement of the party possessing the information, constitute a violation of the confidence of any of its members or anyone from whom it has received such information or otherwise interfere with the orderly conduct of its operations.

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<sup>3</sup> The relationships between the photometric units in the SI and the CIE action spectra for the human eye are described in the SI brochure (viewable and downloadable from the BIPM website at <http://www.bipm.org>).

3. The General Secretary of the Commission and the Director of the International Bureau, acting on behalf of the President of the Committee, shall, at the request of either party, arrange for consultations regarding the provision by either party of such special information as may be of interest to the other party.

#### Article IV

### **Cooperation between the Secretariat of the Commission and the International Bureau of Weights and Measures**

The Secretariat of the Commission and the International Bureau shall maintain a close working relationship in accordance with such arrangements as may have been agreed by the General Secretary of the Commission and the Director of the International Bureau.

#### Article V

### **Financing of common actions**

In all common actions stemming from this agreement it is understood that the costs shall be borne where they arise and that there shall be no exchange of funds between the organizations.

#### Article VI

### **Implementation of the Agreement**

The General Secretary of the Commission and the Director of the International Bureau may enter into such arrangements for the implementation of this Agreement as may be found desirable in the light of the operating experience of the two organizations.

#### Article VII

### **Revision and termination**

1. This Agreement shall be subject to revision by agreement between the Commission and the Committee.
2. It may be terminated by either party on 31 December of any year by notice given not later than 30 June of that year.

Article VIII

**Entry into force**

This Agreement shall come into force upon its signature by both parties.

**Director of the  
International Bureau of Weights  
and Measures  
for the Committee**

Date: 2 April 2007

Andrew Wallard

**President of the  
of the International Commission on  
Illumination  
for the Commission**

Date: 2 April 2007

