Key and supplementary comparison registration and progress form

Comparison conducted by CC **in** PR **Date:** 16/01/2014

1. Subfield: **Photometry**

2. KCDB identifier: **CCPR-K3.2014**
(to be attributed by the BIPM)

RMO internal identifier

3.Type of comparison:

Key ☒ Supplementary ☐ Pilot study ☐

4. Short description:

Luminous Intensity

5. Measurand and nominal value(s):

Luminous Intensity of an Incandescent lamp in a specified direction from a defined point on a reference plane defined by the plane of the lamp filament.

Special characters for copying (if required)

α β Γ γ Δ δ ε ζ η θ ι κ λ μ

6. Parameter(s):

Lamp geometric alignment parameters, lamp dc electrical current and voltage, correlated colour temperature

7. Transfer device(s):

Transfer standard incandescent lamps.

8. Pilot laboratory(ies) *(acronyms and countries)*:

NRC, Canada

9. Participating institutes *(acronyms and countries)*:

NMISA(South Africa), NIM(China), NMIA(Australia), NMIJ(Japan), IO-CSIC(Spain), LNE-CNAM(France), METAS(Switzerland), NPL(United Kingdom), PTB(Germany), VNIIOFI(Russia), NIST(USA), NRC(Canada)

10. Progress: *(please note date and tick appropriate box to indicate current status)*

Date	Status	Pilot	Supplementary		Key
	Planned	☐	☐		☐
15/01/2014	Protocol complete	☐	☐		☒
	In progress	☐	☐		☐
	Measurement completed	☐	☐		☐
	Report in progress	☐	☐	Draft A	☐
				Draft B	☐
	Report submitted to	☐	☐		☐
	Results approved	☐	☐		
	Approved for equivalence				☐
	Abandoned	☐	☐		☐

Comments:

Draft protocol approved by CCPR WG-KC and ready for KCDB registration.

Publication reference:

11. Measurement start date: **01/2014**

12. (Expected) measurement completion date: **12/2014**

13. Contact person's name: **Arnold A. Gaertner**

Address:

National Research Council of Canada
1200 Montreal Road, Building M36
Ottawa, Ontario, Canada K1A 0R6

Tel.: 613-993-9344
Fax: 613-952-1394
e-mail: arnold.gaertner@nrc-cnrc.gc.ca
Web:

Completed copy to be forwarded to a) CCXX Executive Secretary;
b) relevant CC Key Comparison WG Chairman;
c) Regional coordinator as appropriate;
d) KCDB Coordinator (BIPM.KCDB@bipm.org)