**Key and supplementary comparisons (and pilot studies) - registration and progress form**

**Comparison conducted by** CC **in** PR **Date:** 22/02/2016

1. Subfield: **Radiometry**

RMO internal identifier

2. KCDB identifier: **CCPR-K2.b.2016**
*(for KCs and SCs)* *(to be attributed by the BIPM)*

3.Type of comparison:

Key ☒ Supplementary ☐ Pilot study ☐

4. Short description:

spectral responsivity comparison, second-round

5. Measurand and nominal value(s):

spectral responsivity in A/W

Special characters for copying *(if required)*

α β Γ γ Δ δ ε ζ η θ ι κ λ μ

6. Parameter(s):

wavelength from 300 nm to 1000 nm

7. Transfer device(s)/sample(s):

Silicon trap detectors and Silicon photodiodes (2 types)

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

KRISS (Republic of Korea)

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

KRISS (Korea), IO-CSIC (Spain), LNE-CNAM (France), MSL (New Zealand), NIST (USA), NMC-ASTAR (Singapore), NMIJ (Japan), NRC (Canada), NPL (UK), PTB (Germany), UME (Turkey), VNIIOFI (Russia)

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

| Date | Status | Pilot | Supplementary | | Key |
|---|---|---|---|---|---|
| | Planned | ☐ | ☐ | | ☐ |
| 16/02/2016 | Protocol complete/approved | ☐ | ☐ | | ☐ |
| 01/03/2016 | In progress | ☐ | ☐ | | ☒ |
| | Measurement completed | ☐ | ☐ | | ☐ |
| | Report in progress | ☐ | | Draft A ☐ | ☐ |
| | | | | Draft B ☐ | ☐ |
| | Report submitted to | ☐ | ☐ | | ☐ |
| | Results approved | ☐ | ☐ | | |
| | Approved for equivalence | | | | ☐ |
| | Abandoned | ☐ | ☐ | | ☐ |

Comments:

Publication reference:

11. Measurement start date: **03/2016**

12. (Expected) measurement completion date: **11/2017**

13. Contact person's name: **Dong-Hoon Lee**

Address:

KRISS, 267 Gajeong-Ro, Yuseong-Gu, 34113 Daejeon, Republic of Korea

Tel.: **+82-42-868-5706**
Fax: **+82-42-868-5022**
e-mail: **dh.lee@kriss.re.kr**
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 (except Pilot studies): BIPM.KCDB@bipm.org*