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JIS C 8105-5 : 2014

(JLMA/JSA)

**Luminaires—Part 5: Gonio-photometric
methods**

(Amendment 1)

JIS C 8105-5:2011 was revised under date of March 20, 2014.
The revised items are included in this Amendment 1 and use
this in combination with JIS C 8105-5:2011.

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Foreword

This translation has been made based on the original Japanese Industrial Standard established by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law.

Consequently, **JIS C 8105-5:2011** is partially replaced with this Amendment.

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In the event of any doubts arising as to the contents,
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Luminaires—Part 5: Gonio-photometric methods (Amendment 1)

JIS C 8105-5 : 2011 is revised as follows.

5.6 Electric instruments and electric circuits

Replace 5.6 by the following.

“5.6 Electric instruments and electric circuits

The electric instruments and electric circuits shall be as given in table 4. Examples of electric circuits to measure electric characteristics (input voltage, input current and input power) are shown in figure 4.”

6.1 General

Replace 6.1 by the following.

“6.1 General

For the goniophotometer, the photometer output varies according to the structures of the goniophotometer, photometers to be used, etc. Therefore, before measurement, the conversion factor that converts photometer output into luminous intensity or illuminance shall be obtained. For the method, either calibration with the luminous intensity (6.2) or calibration with the illuminance (6.3) based on the reference standard of which luminous intensity has been valued shall be performed.

In addition, when the uncertainty of measurement using total luminous flux increases according to the type or accuracy of the goniophotometer, calibration based on the total luminous flux reference standard specified in Annex A may be performed.

The reference standard lamp used for calibration shall be traceable to national standards.

NOTE 1 The standard lamp of luminous intensity specified in JIS C 7526 may be used as the reference standard.

NOTE 2 In the case of the goniophotometer that has a plane mirror on the measurement optical path, calibration with luminous intensity should be performed as specified in 6.2.”

8.3.1 Measurement procedure of total luminous flux

Replace “The measurement of total luminous flux shall be performed as specified in a) to d). When the measurement error of total luminous flux is a concern due to the type or accuracy of a goniophotometer, the measurement method of total luminous flux shall apply the procedure using the reference standard with a quantity of total luminous flux specified in Annex A.” by “The measurement of total luminous flux shall be in ac-