

# JIS

**JAPANESE INDUSTRIAL STANDARD**

**Photometric Measurements on  
Incandescent Lamps used for  
Photometric Standards**

**JIS C 7613<sup>—1985</sup>**

**Translated and Published**

**by**

**Japanese Standards Association**

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standard in Japanese is to be evidence

## JAPANESE INDUSTRIAL STANDARD

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Photometric Measurements on Incandescent  
Lamps used for Photometric Standards

C 7613-1985

1. Scope

This Japanese Industrial Standard specifies procedures for measurements of luminous intensity, total luminous flux or distribution temperature of lamps for photometric standards, hereinafter referred to as the "lamps under test", by comparing with a lamp whose said photometrical characteristics are already known, hereinafter referred to as the "standard lamp", while the former are used as the standards for testing the luminous intensity, total luminous flux or distribution temperature of general lamps.

This procedure should be applied for measurements of general lamps as practical.

- Remarks 1. In this standard the lamp under test and the standard lamp are called as lamps simply when they are generally called without distinction.
2. Lamps shall have stable photometrical characteristics, lamps for measuring luminous intensity and distribution temperature shall be the ones whose light center and photometry direction can easily be determined, and lamps for measuring total luminous flux shall be the ones which have uniform luminous intensity in all directions as possible.
3. The lamps dealt with in this standard include tungsten halogen lamps.

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**Applicable Standards:**

- JIS C 1102-Electrical Indicating Instruments
- JIS Z 8103-Glossary of Terms Used in Instrumentation
- JIS Z 8113-Glossary of Lighting Terms
- JIS Z 8120-Glossary of Optical Terms
- JIS Z 8725-Methods for Determining Distribution Temperature and Colour Temperature

**Reference Standards:**

- JIS C 7526-Standard Lamps of Luminous Intensity (General Use)
- JIS C 7801-General Rules of Testing Method for Lamps
- JIS Z 8703-Standard Atmospheric Conditions for Testing