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(JELMA/JSA)

**Germicidal lamps**

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## Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by Japan Electric Lamp Manufacturers Association (JELMA)/Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14.

Consequently **JIS C 7605:1995** is replaced with this Standard.

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# Germicidal lamps

## Introduction

This Japanese Industrial Standard was established in 1958 and then has been revised four times up to the present. The last revision was performed in 1995, and this revision has been made with the aim of corresponding to the subsequent expansion of product types and revision of the normative references (JIS C 7617-1 and JIS C 7617-2).

No International Standard has been established at this point.

## 1 Scope

This Standard specifies the germicidal lamps of which the mercury vapour pressure in a tube at the time of lighting is about 100 Pa or less. It does not apply to those germicidal lamps integral with an arc tube, ballast and an starting device.

## 2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

- JIS C 1609-1 *Illuminance meters Part 1: General measuring instruments*
- JIS C 7617-1 *Double-capped fluorescent lamps—Part 1: Safety specifications*
- JIS C 7617-2 *Double-capped fluorescent lamps—Part 2: Performance specifications*
- JIS C 7709-1 *Lamp caps and holders together with gauges for the control of interchangeability and safety Part 1: Lamp caps*
- JIS Z 8113 *Lighting vocabulary*
- JIS Z 9015-1 *Sampling procedures for inspection by attributes—Part 1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection*
- IEC 61549 *Miscellaneous lamps*

## 3 Terms and definitions

For the purposes of this Standard, the terms and definitions given in JIS Z 8113 and the following apply.

### 3.1 germicidal lamp

hot cathode low voltage mercury vapour lamp of which the external tube is a glass tube that transmits ultraviolet radiation (near a wavelength of 253.7 nm) with a strong germicidal action

### 3.2 type