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Ballasts for fluorescent 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 8108:1991** is replaced with this Standard.

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Ballasts for fluorescent lamps

Introduction

This Japanese Industrial Standard was established in 1953 and the last revision was made in 1991. Thereafter, JIS C 8147-1, JIS C 8147-2-8 and JIS C 8118 which conformed to the International Standards have been established. In this revision, these standards were quoted in an attempt to adjust its contents as much as possible to those of the International Standards.

1 Scope

This Standard specifies magnetic type ballasts (hereafter referred to as the “ballasts”) for operating the fluorescent lamps and the low pressure mercury germicidal discharge lamps (hereafter referred to as the “lamps”), specified in JIS C 7601 and JIS C 7605, respectively, which are with rated input voltage not exceeding 300 V a.c. (50 Hz, 60 Hz and 50/60 Hz) and rated secondary voltage not exceeding 1 000 V and are intended for use in general places.

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 0920 *Degrees of protection provided by enclosures (IP Code)*
- JIS C 1102-1 *Direct acting indicating analogue electrical measuring instruments and their accessories — Part 1 : Definitions and general requirements common to all parts*
- JIS C 1302 *Insulation resistance testers*
- JIS C 1509-1 *Electroacoustics — Sound level meters — Part 1 : Specifications*
- JIS C 1509-2 *Electroacoustics — Sound level meters — Part 2 : Pattern evaluation tests*
- JIS C 1602 *Thermocouples*
- JIS C 7601 *Fluorescent lamps for general lighting service*
- JIS C 7605 *Low pressure mercury germicidal discharge lamps*
- JIS C 8118 *Ballasts for tubular fluorescent lamps — Performance requirements*
- JIS C 8147-1 *Lamp controlgear — Part 1 : General and safety requirements*