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Glow-Starters for fluorescent lamps—Performance Specification

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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 according to the proposal of establishing a Japanese Industrial Standard from Japan Electric Lamp Manufacturers Association (JELMA)/the Japanese Standards Association (JSA), with a draft of Industrial Standard based on the provision of Article 12 Clause 1 of the Industrial Standardization Law.

This Standard has been made based on *Section 2—Performance Specification* in **IEC 60155** : 1993 *Glow-Starters for fluorescent lamps* for the purposes of making easy to compare this Standard with International Standard; to prepare Japanese Industrial Standard conforming with International Standard; and to propose a draft of International Standard which is based on Japanese Industrial Standard.

This Standard specifies the performance of glow-starters for fluorescent lamps, therefore **JIS** for individual product specification shall be referred as the provisions for the safety and quality inherent to the product.

Attention is drawn to the possibility that some parts of this Standard may conflict with a patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have technical properties. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying the patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have the said technical properties.

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In the event of any doubts arising as to the contents,
the original JIS is to be the final authority.

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Glow-Starters for fluorescent lamps— Performance Specification

Introduction This Japanese Industrial Standard has been prepared based on *Section 2—Performance Specification* in **IEC 60155** *Glow-Starters for fluorescent lamps* published in 1993 as the fourth edition according to Amendment 1 (1995) with some alterations in the technical contents. The principal alteration is that starters with E type cap not specified in the corresponding International Standard are additionally specified.

In this Standard, the portions shown by sidelines or dotted underlines are the portions where the original International Standard is modified. The list of modification is shown in Annex 2 (informative) together with explanations for each modification.

1 Scope This Standard specifies performances of interchangeable glow-starters used with pre-heating type fluorescent lamps (hereafter referred to as “starters”).

Remarks 1 Starters are generally designed to operate with a range of lamps, depending on supply voltage, single lamp or series pair operation, maximum lamp voltage and lamp starting requirements.

2 The International Standard corresponding to this Standard is as follows.

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standard and **JIS** are IDT (identical), MOD (modified), and NEQ (not equivalent) according to **ISO/IEC Guide 21**.

IEC 60155 : 1993 *Glow-Starters for fluorescent lamps* and Amendment 1 1995.10 (MOD)

2 Normative references The following standards contain provisions which, through reference in this Standard, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied, if the year of coming into effect is not appended.

JIS C 7601 *Fluorescent lamps for general lighting service*

Remarks : Specifications taken from the following International Standards
IEC 60081 : 1984 *Double-capped fluorescent lamps—Performance specifications*,
IEC 60901 : 1996 *Single-capped fluorescent lamps—Performance specifications*,
IEC 61195 : 1993 *Double-capped fluorescent lamps—Safety specifications* and,
IEC 61199 : 1993 *Single-capped fluorescent lamps—Safety specifications* are equivalent to the said standard.

JIS C 7619 *Glow-starters for fluorescent lamps—General and safety requirements*