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**JIS C 7604** : 2006

(JELMA/JSA)

**High-pressure mercury vapour  
lamps — Performance specifications**

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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 Manufactures 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 7604:1999** is replaced with this Standard.

This Standard has been made based on **IEC 60188:2001** *High-pressure mercury vapour lamps—Performance specifications* for the purpose of making it easier to compare this Standard with International Standard; to prepare Japanese Industrial Standard conforming with International Standard; and to propose a draft of an International Standard which is based on Japanese Industrial Standard.

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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## High-pressure mercury vapour lamps—Performance specifications

**Introduction** This Japanese Industrial Standard has been prepared based on the third edition of IEC 60188 *High-pressure mercury vapour lamps—Performance specifications* published in 2001 with some modifications of the technical contents.

The portions given continuous sidelines and dotted underlines are the matters in which the contents of the original International Standard have been modified. A list of modifications with explanations is given in Annex 2 (informative).

### Section 1 General

**1.1 Scope** This Standard specifies the performance for high-pressure mercury vapour lamps (hereafter referred to as “lamps”) with the ballast for lighting specified in JIS C 8110 for general lighting purposes with or without a red correcting fluorescent coating. A part of requirements of this Standard shall be specified in the relevant data sheets. Other data sheets of lamps which fall under the scope of this Standard, however are not specified in data sheets of this Standard shall be supplied by the lamp manufacturer or the responsible vendor. The requirements of this Standard shall be applied to the type test only.

NOTES 1 The requirements and tolerances specified in this Standard shall be applied to testing of the type test sample supplied by the manufacturer for the type test. Usually, this type test sample should be typical production having characteristics as close to the centre point values as possible. Majority of production manufactured in accordance with the type test sample will usually be in the range of tolerances of this Standard. Due to the production spread, however, it is inevitable that there will sometimes be products outside the specified tolerances. For guidance on sampling plans and procedures for testing, see IEC 60410.

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 Standards and JIS are IDT (identical), MOD (modified), and NEQ (not equivalent) according to ISO/IEC Guide 21.

IEC 60188 : 2001 *High-pressure mercury vapour lamps—Performance specifications* (MOD)