JIS

JAPANESE
INDUSTRIAL
STANDARD

Translated and Published by
Japanese Standards Association

JIS C 8131 : 2006

(JLA/JSA)

Luminaires for road lighting

ICS 93.080.40

Reference number : JIS C 8131 : 2006 (E)

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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 Luminaires Association (JLA)/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 8131**:1999 is replaced with this 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.

Date of Establishment: 1969-03-01
Date of Revision: 2006-02-20
Date of Public Notice in Official Gazette: 2006-02-20
Investigated by: Japanese Industrial Standards Committee
Standards Board
Technical Committee Electricity Technology

JIS C 8131 : 2006, First English edition published in 2006-08

Translated and published by: Japanese Standards Association
4-1-24, Akasaka, Minato-ku, Tokyo, 107-8440 JAPAN

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

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Luminaires for road lighting

Introduction This Japanese Industrial Standard has been prepared based on the revised edition of **JIS C 8131** published in 1999 with some modifications of structure, related standards, etc. and specifies the requirements for the safety and performance of luminaires for road lighting, and the test and inspection.

1 Scope This Standard specifies luminaires used for road lighting provided mainly for motor vehicle traffic installed at a height of 6 m or more using the HID lamp and low pressure sodium lamp of not more than AC 1 000 V in supply voltage.

Remarks : The luminaires for road lighting here refer to the luminaries installed at the lighting pole etc. arranged along a road, and do not include luminaries used for a tunnel etc. and luminaire for street lighting etc. installed at a height of less than 6 m.

Information : The HID lamp (high intensity discharge lamp) here includes lamps specified in **JIS C 7604** (High-pressure mercury vapour lamp), **JIS C 7621** (High-pressure sodium vapour lamps), and Japan Electric Lamp Manufacturers Association Standard **JEL 208** [Metal halide lamp (low starting voltage type)] .

2 Normative references The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. If the indication of the year of coming into effect is given to these referred standards, only the edition of the indicated year constitutes the provision of this Standard but the revision and amendment made thereafter do not apply. The normative references without the indication of the year of coming into effect apply only to the most recent edition (including amendments).

JIS C 7709-2 *Lamp caps and holders together with gauges for the control of interchangeability and safety—Part 2 : Lampholders*

JIS C 8105-2-3 *Luminaires—Part 2-3 : Particular requirements for safety—Luminaires for road and street lighting*

JIS C 8105-3 *Luminaires—Part 3 : General requirements for performance*

JIS Z 9111 *Lighting of roads*

3 Definitions For the purpose of this Standard, the definitions given in **JIS C 8105-2-3**, **JIS C 8105-3**, and **JIS Z 9111** and the following definitions apply.

a) **adapter** a component for connecting a luminaire to a lighting pole or a lighting

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