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JIS C 8105-2-2 : 2003
(JLA/JSA)

**Luminaires—Part 2 : Particular
requirements for safety—Section 2 :
Recessed luminaires**

ICS 29.140.40; 91.160.01

Reference number : JIS C 8105-2-2 : 2003 (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 Luminares 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 8105-2-2 : 1999 is replaced with this Standard.

This revision has been made based on IEC 60598-2-2 : 1997 *Luminaires—Part 2 : Particular requirements—Section 2 : Recessed luminaires* for the purposes 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.

JIS C 8105 consists of the following parts and sections under the general title *Luminaires*.

Part 1 : General requirements for safety

Part 2 : Particular requirements for safety—Section 1 : Fixed general purpose luminaires

Part 2 : Particular requirements for safety—Section 2 : Recessed luminaires

Part 2 : Particular requirements for safety—Section 3 : Luminaires for road and street lighting

Part 2 : Particular requirements for safety—Section 4 : Portable general purpose luminaires

Part 2 : Particular requirements for safety—Section 5 : Floodlights

Part 2 : Particular requirements for safety—Section 6 : Luminaires with built-in transformers or converters for filament lamps

Part 2 : Particular requirements for safety—Section 7 : Portable luminaires for garden use

Part 2 : Particular requirements for safety—Section 8 : Handlamps

Part 2 : Particular requirements for safety—Section 9 : Photo and film luminaires (non-professional)

Part 2 : Particular requirements for safety Section 17 : Luminaires for stage lighting, television, film, and photographic (outdoor and indoor)

Part 2 : Particular requirements for safety—Section 19 : Air-handling luminaires

Part 2 : Particular requirements Section 20 : Lighting chains

Part 2 : Particular requirements for safety Section 22 : Luminaires for emergency lighting

Part 3 : General requirements for performance

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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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Luminaires—Part 2 : Particular requirements for safety—Section 2 : Recessed luminaires

Introduction This section of **JIS C 8105-2** has been prepared based on the 2.1 edition of **IEC 60598-2-2 Luminaires—Part 2 : Particular requirements—Section 2 : Recessed luminaires** published in 1997 with modifying the technical contents.

Portions underlined with dots are the matters in which the contents of the original International Standard have been modified. The list of modifications with the explanations is given in Annex 1 (informative).

2.1 Scope This section of **JIS C 8105-2** specifies requirements for recessed luminaires for use with tungsten filament, tubular fluorescent and other discharge lamps on supply voltage not exceeding 1 000 V. This section of **JIS C 8105-2** does not cover air-handling or liquid-cooled luminaires. This section shall be read together with the concerning provisions of **JIS C 8105-1**.

NOTE : The International Standard corresponding to this part of **JIS C 8105-2** 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 60598-2-2 : 1997 Luminaires—Part 2 : Particular requirements—Section 2 : Recessed luminaires (MOD)

2.1A Normative references The following standards contain provisions which, through reference in this section of **JIS C 8105-2**, constitute provisions of this section of **JIS C 8105-2**. If the year of publication is given to these referred standards, only the edition of the indicated year constitutes the provision of this section of **JIS C 8105-2** 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 3662-5 Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V—Part 5 : Flexible cables (cords)

NOTE : **IEC 60227-5 Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V—Part 5 : Flexible cables (cords)** is identical with the said standard.

JIS C 3663-4 Rubber insulated cables—Rated voltages up to and including 450/750 V—Part 4 : Cords and flexible cables

NOTE : **IEC 60245-4 Rubber insulated cables—Rated voltages up to and including 450/750 V—Part 4 : Cords and flexible cables** is equivalent to the said standard.