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(JLA/JSA)

**Luminaires — Part 2 : Particular re-
quirements for safety — Section 19 :
Air-handling luminaires**

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Contents

	Page
Introduction	1
19.1 Scope	1
19.1A Normative reference	1
19.2 General test requirements	2
19.3 Terms and definitions	2
19.4 Classification of luminaires	2
19.5 Marking	2
19.6 Construction	3
19.7 Creepage distance and clearances	4
19.8 Provision for earthing	4
19.9 Terminals	4
19.10 External and internal wiring	4
19.11 Protection against electric shock	5
19.12 Endurance tests and thermal tests	5
19.13 Resistance to dust and moisture	8
19.14 Insulation resistance and electric strength	8
19.15 Resistance to heat, fire and tracking	8
Annex A (informative) Explanation of t_a in respect of air-handling luminaire	9
Annex JA (informative) Comparison table between JIS and corresponding International Standard	10

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 8105-2-19** : 1999 has been replaced with this Standard.

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JIS C 8105 series consists of the following 18 parts under the general title "*Luminaires*" :

- | | |
|----------------|---|
| JIS C 8105-1 | <i>Part 1 : General requirements for safety</i> |
| JIS C 8105-2-1 | <i>Part 2 : Particular requirements for safety—Section 1 : Fixed general purpose luminaires</i> |
| JIS C 8105-2-2 | <i>Part 2 : Particular requirements for safety—Section 2 : Recessed luminaires</i> |
| JIS C 8105-2-3 | <i>Part 2 : Particular requirements for safety—Section 3 : Luminaries for road and street lighting</i> |
| JIS C 8105-2-4 | <i>Part 2 : Particular requirements for safety—Section 4 : Portable general purpose luminaires</i> |
| JIS C 8105-2-5 | <i>Part 2 : Particular requirements for safety—Section 5 : Floodlights</i> |
| JIS C 8105-2-6 | <i>Part 2 : Particular requirements for safety—Section 6 : Luminaries with built-in transformers or converters for filament lamps</i> |
| JIS C 8105-2-7 | <i>Part 2 : Particular requirements for safety—Section 7 : Portable luminaries for garden use</i> |

- JIS C 8105-2-8 *Part 2 : Particular requirements for safety—Section 8 : Handlamps*
- JIS C 8105-2-9 *Part 2 : Particular requirements for safety—Section 9: Photo and film luminaires (non-professional)*
- JIS C 8105-2-12 *Part 2-12 : Particular requirements—Mains socket-outlet mounted nightlights*
- JIS C 8105-2-13 *Part 2-13 : Particular requirements—Ground recessed luminaires*
- JIS C 8105-2-17 *Part 2 : Particular requirements for safety Section 17 : Luminaires for stage lighting, television, film, and photographic (outdoor and indoor)*
- JIS C 8105-2-19 *Part 2 : Particular requirements for safety—Section 19 : Air-handling luminaires*
- JIS C 8105-2-20 *Part 2-20 : Particular requirements—Lighting chains*
- JIS C 8105-2-22 *Part 2 : Particular requirements for safety Section 22 : Luminaires for emergency lighting*
- JIS C 8105-2-23 *Part 2-23 : Particular requirements—Extra low voltage lighting systems for filament lamps*
- JIS C 8105-3 *Part 3 : General requirements for performance*

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

Introduction

This Japanese Industrial Standard has been prepared based on the first edition of **IEC 60598-2-19** published in 1981, its Amendment 1 (1987) and Amendment 2 (1997), so as to maintain in accordance with the revised **JIS C 8105-1**, while modifying some of the technical contents.

The portions underlined with dots in this Standard are the matters in which the technical contents of the corresponding International Standard have been modified. A list of modifications with explanations is given in Annex JA.

19.1 Scope

This Standard specifies safety requirements for air-handling luminaires for use with a ventilation duct or ventilated space (plenum) for use with tubular fluorescent lamps on supply voltages not exceeding 1 000 V. It is to be read in conjunction with those sections of **JIS C 8105-1** to which reference is made.

This Standard specifies only the safety aspects of air-handling luminaires ; no requirements are specified for performance aspects.

NOTE 1 The terms ventilation duct and plenum in this Standard refer to forced ventilation.

NOTE 2 No requirements are specified at present in this Standard for the use of tungsten filament lamps and discharge lamps other than tubular fluorescent lamps.

NOTE 3 The International Standard corresponding to this Standard and the degree of correspondence are as follows.

IEC 60598-2-19 : 1981 *Luminaires—Part 2 : Particular requirements—Section 19 : Air-handling luminaires (safety requirements)*, Amendment 1 (1987) and Amendment 2 (1997) (MOD)

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 21-1**.

19.1A Normative reference

The following standard contains provisions which, through reference in this text, constitute provisions of this Standard. The most recent edition of the standard (including amendments) indicated below shall be applied.

JIS C 8105-1 *Luminaires—Part 1 : General requirements for safety*

NOTE : Corresponding International Standard : **IEC 60598-1** : 2008 *Luminaires—Part 1 : General requirements and tests* (MOD)