

JIS

JAPANESE
INDUSTRIAL
STANDARD

Translated and Published by
Japanese Standards Association

JIS C 8115 : 2014

(JLMA/JSA)

**Residential luminaires with LED light
source or fluorescent lamp**

ICS 29.140.30 ; 91.160.10

Reference number : JIS C 8115 : 2014 (E)

C 8115 : 2014

Date of Establishment: 1976-04-01

Date of Revision: 2014-08-20

Date of Public Notice in Official Gazette: 2014-08-20

Investigated by: Japanese Industrial Standards Committee

Standards Board

Technical Committee on Electricity Technology

JIS C 8115 : 2014, First English edition published in 2015-09

Translated and published by: Japanese Standards Association
Mita MT Building, 3-13-12, Mita, Minato-ku, Tokyo, 108-0073 JAPAN

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

© JSA 2015

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

Printed in Japan

KK/HN

PROTECTED BY COPYRIGHT

Contents

	Page
Introduction	1
1 Scope	1
2 Normative references	1
3 Terms and definitions	2
4 Classification of luminaires	2
5 Requirements	3
5.1 Safety requirements	3
5.2 Requirements for performance	4
6 Marking	6
7 Inspection	6
7.1 Classification of inspection and inspection items	6
7.2 Inspection method	7
7.3 Acceptance judgement	8
Annex A (informative) Marking of safety precautions for long use of luminaires	9

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 Lighting Manufacturers Association (JLMA)/ 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 8115:2008** is replaced with this Standard.

This **JIS** document is protected by the Copyright Law.

Attention is drawn to the possibility that some parts of this Standard may conflict with patent rights, applications for a patent after opening to the public or utility model rights. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying any of such patent rights, applications for a patent after opening to the public or utility model rights.

Residential luminaires with LED light source or fluorescent lamp

Introduction

This Japanese Industrial Standard was established in 1976 and has gone through five revisions up to the present. This Standard, which was revised most recently in 2008, has now been revised by adding luminaires with LED light source to the scope and by reviewing its specifications for performance and safety.

No corresponding International Standard has been established at this point.

1 Scope

This Standard specifies luminaires, mainly residential, using LED light source and/or fluorescent lamp as light source, which can be easily connected to the power supply of AC 100 V by a plug, twist-lock ceiling rosette, and other components. However, the following items shall be excluded from the scope.

- a) Waterproof luminaires
- b) Portable luminaires
- c) Luminaires with compact self-ballasted fluorescent lamp
- d) Luminaires with compact self-ballasted LED lamp

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 is given to these normative references, only the editions of the indicated year apply, but the revisions (including amendments) made thereafter do not apply. The normative references without the indication of the year apply only to the most recent editions (including amendments).

The requirements in standards not including LED lamps in the scopes shall be also applied.

JIS C 1509-1 *Electroacoustics — Sound level meters — Part 1 : Specifications*

JIS C 7601 *Fluorescent lamps for general lighting service*

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

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

JIS C 8105-2-1 *Luminaires — Part 2 : Particular requirements for safety — Section 1 : Fixed general purpose luminaires*