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de l'accréditation, de la sécurité et qualité
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ILNAS-EN IEC 55015:2019

Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment

Limites et méthodes de mesure des
perturbations radioélectriques produites
par les appareils électriques d'éclairage
et les appareils analogues

Grenzwerte und Messverfahren für
Funkstörungen von elektrischen
Beleuchtungseinrichtungen und
ähnlichen Elektrogeräten

08/2019



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(CISPR 15:2018)**

Limites et méthodes de mesure des perturbations
radioélectriques produites par les appareils électriques
d'éclairage et les appareils analogues
(CISPR 15:2018)

Grenzwerte und Messverfahren für Funkstörungen von
elektrischen Beleuchtungseinrichtungen und ähnlichen
Elektrogeräten
(CISPR 15:2018)

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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European foreword

The text of document CIS/F/733/FDIS, future edition 9 of CISPR 15, prepared by CISPR SC F "Interference relating to household appliances tools, lighting equipment and similar apparatus" of CISPR "International special committee on radio interference" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 55015:2019.

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In the official version, for Bibliography, the following notes have to be added for the standards indicated:

CISPR/TR 16-4-3:2004	NOTE	Harmonized as EN 55016-4-3 (not modified) ¹
IEC 60155:1993	NOTE	Harmonized as EN 60155:1995 (not modified)
IEC 60155:1993/A1:1995	NOTE	Harmonized as EN 60155:1995/A1:1995 (not modified)
IEC 60155:1993/A2:2006	NOTE	Harmonized as EN 60155:1995/A2:2007 (not modified)
IEC 61000-6-3:2006	NOTE	Harmonized as EN 61000-6-3:2007 (not modified)
IEC 61000-6-3:2006/A1:2010	NOTE	Harmonized as EN 61000-6-3:2007/A1:2011 (not modified)
IEC 61347-1:2015	NOTE	Harmonized as EN 61347-1:2015 (not modified)
IEC 62776:2014	NOTE	Harmonized as EN 62776:2015 (not modified)

¹ To be published. Stage at the time of publication: prEN 55016-4-3:2018

Annex ZA

(normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60038	-	IEC standard voltages	EN 60038	-
IEC 60050-161	-	International Electrotechnical Vocabulary. Chapter 161: Electromagnetic compatibility	-	-
IEC 60050-845	1987	International Electrotechnical Vocabulary. Lighting	-	-
IEC 60061-1	-	Lamp caps and holders together with gauges for the control of interchangeability and safety. Part 1: Lamp caps	EN 60061-1	-
IEC 60081	-	Double-capped fluorescent lamps - Performance specifications	EN 60081	-
IEC 60598-1 (mod)	2014	Luminaires - Part 1: General requirements and tests	EN 60598-1	2015
+ A1	2017		+ A1	2018
IEC 60921	-	Ballasts for tubular fluorescent lamps - Performance requirements	EN 60921	-
IEC 61000-4-20	2010	Electromagnetic compatibility (EMC) - Part 4-20: Testing and measurement techniques - Emission and immunity testing in transverse electromagnetic (TEM) waveguides	EN 61000-4-20	2010
IEC 61195	-	Double-capped fluorescent lamps - Safety specifications	EN 61195	-
IEC 62504	2014	General lighting - Light emitting diode (LED) products and related equipment - Terms and definitions	EN 62504	2014

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
CISPR 16-1-1	2015	Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-1: Radio disturbance and immunity measuring apparatus - Measuring apparatus	-	-
CISPR 16-1-2	2014	Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-2: Radio disturbance and immunity measuring apparatus - Coupling devices for conducted disturbance measurements	EN 55016-1-2	2014
CISPR 16-1-4	2010	Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-4: Radio disturbance and immunity measuring apparatus - Antennas and test sites for radiated disturbance measurements	EN 55016-1-4	2010
+ A1	2012		+ A1	2012
+ A2	2017		+ A2	2017
CISPR 16-2-1	2014	Specification for radio disturbance and immunity measuring apparatus and methods - Part 2-1: Methods of measurement of disturbances and immunity - Conducted disturbance measurements	EN 55016-2-1	2014
+ A1	2017		+ A1	2017
CISPR 16-2-3	2016	Specification for radio disturbance and immunity measuring apparatus and methods - Part 2-3: Methods of measurement of disturbances and immunity - Radiated disturbance measurements	EN 55016-2-3	2017
CISPR 16-4-2	2011	Specification for radio disturbance and immunity measuring apparatus and methods - Part 4-2: Uncertainties, statistics and limit modelling - Measurement instrumentation uncertainty	EN 55016-4-2	2011
+ A1	2014		+ A1	2014
CISPR/TR 30-1	2012	Test method on electromagnetic emissions - Part 1: Electronic control gear for single- and double-capped fluorescent lamps	-	-
CISPR 32	2015	Electromagnetic compatibility of multimedia equipment - Emission requirements	EN 55032	2015
ISO/IEC 17025	2005	General requirements for the competence of testing and calibration laboratories	-	-



INTERNATIONAL STANDARD

NORME INTERNATIONALE



INTERNATIONAL SPECIAL COMMITTEE ON RADIO INTERFERENCE

COMITÉ INTERNATIONAL SPÉCIAL DES PERTURBATIONS RADIOÉLECTRIQUES

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