
Svetilke - 2-22. del: Posebne zahteve - Svetilke za zasilno razsvetljavo - Dopolnilo A1 (IEC 60598-2-22:2014/A1:2017)

Luminaires - Part 2-22: Particular requirements - Luminaires for emergency lighting (IEC 60598-2-22:2014/A1:2017)

Leuchten - Teil 2-22: Besondere Anforderungen - Leuchten für Notbeleuchtung (IEC 60598-2-22:2014/A1:2017)

Luminaires - Partie 2-22: Exigences particulières - Luminaires pour éclairage de secours (IEC 60598-2-22:2014/A1:2017)

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Ta slovenski standard je istoveten z: EN 60598-2-22:2014/A1:2020

ICS:

29.140.40	Svetila	Luminaires
91.160.10	Notranja razsvetljava	Interior lighting

SIST EN 60598-2-22:2015/A1:2020 **en**

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EUROPEAN STANDARD

EN 60598-2-22:2014/A1

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2020

ICS 29.140.40

English Version

Luminaires - Part 2-22: Particular requirements - Luminaires for emergency lighting (IEC 60598-2-22:2014/A1:2017)

Luminaires - Partie 2-22: Exigences particulières -
Luminaires pour éclairage de secours
(IEC 60598-2-22:2014/A1:2017)

Leuchten - Teil 2-22: Besondere Anforderungen - Leuchten
für Notbeleuchtung
(IEC 60598-2-22:2014/A1:2017)

This amendment A1 modifies the European Standard EN 60598-2-22:2014; it was approved by CENELEC on 2019-12-18. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

This amendment exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

[SIST EN 60598-2-22:2015/A1:2020](https://standards.iteh.ai/SIST/EN/60598-2-22:2015/A1:2020)

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.



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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN 60598-2-22:2014/A1:2020 (E)**European foreword**

The text of document 34D/1296/FDIS, future edition 1 of IEC 60598-2-22/A1, prepared by IEC/TC 34D: Luminaires of IEC technical committee 34: Lamp and related equipment was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60598-2-22:2014/A1:2020.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2020-09-27
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2023-03-27

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

This document has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For the relationship with EU Directive(s) see informative Annex ZZ, which is an integral part of this document.

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Endorsement notice (standards.iteh.ai)

The text of the International Standard IEC 60598-2-22:2014/A1:2017 was approved by CENELEC as a European Standard without any modification. <https://standards.iteh.ai/catalog/standards/sist/b96b5209-9c1a-4280-aa46-3b9c1695924a/iec-60598-2-22-2014-a1-2017>

In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 60364-5-56 NOTE Harmonized as HD 60364-5-56

Replace Annex ZA of EN 60598-2-22:2014 by the following one:

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 60073	-	Basic and safety principles for man-machine interface, marking and identification - Coding principles for indicators and actuators	EN 60073	2002
IEC 60598-1	-	Luminaires -- Part 1: General requirements and tests	EN 60598-1	2015
			+ A1	2018
IEC 60896-21	-	Stationary lead-acid batteries -- Part 21: Valve regulated types - Methods of test	EN 60896-21	2004
IEC 61056-1	-	General purpose lead-acid batteries (valve-regulated types) -- Part 1: General requirements, functional characteristics - Methods of test	EN 61056-1	2012
IEC 61347-2-2	-	Lamp controlgear -- Part 2-2: Particular requirements for d.c. or a.c. supplied electronic step-down convertors for filament lamps	EN 61347-2-2	2012
IEC 61347-2-3	-	Lamp controlgear -- Part 2-3: Particular requirements for a.c. and/or d.c. supplied electronic control gear for fluorescent lamps	EN 61347-2-3	2011
			+AC	2011
			A1	2017
IEC 61347-2-7	-	Lamp controlgear -- Part 2-7: Particular requirements for battery supplied electronic controlgear for emergency lighting (self-contained)	EN 61347-2-7	2012
			+ FprA1	2017 (in preparation)
IEC 61347-2-12	-	Lamp controlgear - Part 2-12: Particular requirements for d.c. or a.c. supplied electronic ballasts for discharge lamps (excluding fluorescent lamps)	EN 61347-2-12	2005
			A1	2010

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<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61347-2-13	-	Lamp controlgear -- Part 2-13: Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules	EN 61347-2-13	2014
			A1	2017
IEC 61951-1	-	Secondary cells and batteries containing alkaline or other non-acid electrolytes - Portable sealed rechargeable single cells -- Part 1: Nickel-cadmium	EN 61951-1	2017
IEC 61951-2	-	Secondary cells and batteries containing alkaline or other non-acid electrolytes - Portable sealed rechargeable single cells -- Part 2: Nickel-metal hydride	EN 61951-2	2017
IEC 62034	-	Automatic test systems for battery powered emergency escape lighting	EN 62034	2012
ISO 3864-1	2011	Graphical symbols_ - Safety colours and safety signs_ - Part_1: Design principles for safety signs and safety markings	-	-
ISO 3864-4	2011	Graphical symbols_ - Safety colours and safety signs_ - Part_4: Colorimetric and photometric properties of safety sign materials	-	-
ISO 30061	2007	Emergency lighting	-	-
CIE 121 SPI	-	The Photometry and Goniophotometry of Luminaires - Supplement 1: Luminaires for Emergency Lighting	-	-

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Annex ZZ (informative)

Relationship between this European standard and the safety objectives of Directive 2014/35/EU [2014 OJ L96] aimed to be covered

This European Standard has been prepared under a Commission's standardization request relating to harmonized standards in the field of the Low Voltage Directive, M/511, to provide one voluntary means of conforming to safety objectives of Directive 2014/35/EU of the European Parliament and of the Council of 26 February 2014 on the harmonization of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits [2014 OJ L96].

Once this standard is cited in the Official Journal of the European Union under that Directive, compliance with the normative clauses of this standard given in Table ZZ.1 confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding safety objectives of that Directive, and associated EFTA regulations.

Table ZZ.1 — Correspondence between this European standard and Annex I of Directive 2014/35/EU [2014 OJ L96]

Safety objectives of Directive 2014/35/EU	Clause(s) / sub-clause(s) of this EN	Remarks / Notes
1. General conditions		
a) the essential characteristics, the recognition and observance of which will ensure that electrical equipment will be used safely and in applications for which it was made, shall be marked on the electrical equipment, or, if this is not possible, on an accompanying document;	22-6 22-17	
b) the electrical equipment, together with its component parts, shall be made in such a way as to ensure that it can be safely and properly assembled and connected;	All	
c) the electrical equipment shall be so designed and manufactured as to ensure that protection against the hazards set out in points 2 and 3 is assured, providing that the equipment is used in applications for which it was made and is adequately maintained.	See item 2 and 3 of this table	
2. Protection against hazards arising from the electrical equipment Measures of a technical nature shall be laid down in accordance with point 1, in order to ensure that:		

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Safety objectives of Directive 2014/35/EU	Clause(s) / sub-clause(s) of this EN	Remarks / Notes
a) persons and domestic animals are adequately protected against the danger of physical injury or other harm which might be caused by direct or indirect contact;	22.7 22.8 22.9 22.10 22.11 22.12 22.15 22.20	
b) temperatures, arcs or radiation which would cause a danger, are not produced;	22.7 22.8 22.13 22.15	EMF is not covered
c) persons, domestic animals and property are adequately protected against non-electrical dangers caused by the electrical equipment which are revealed by experience;	22.7 22.15 22.8 22.18 22.20 22.21	
d) the insulation is suitable for foreseeable conditions.	22.8 22.14 22.15 22.20	
3. Protection against hazards which may be caused by external influences on the electrical equipment Technical measures shall be laid down in accordance with point 1, in order to ensure that the electrical equipment:		
a) meets the expected mechanical requirements in such a way that persons, domestic animals and property are not endangered;	22.6 22.7	
b) is resistant to non-mechanical influences in expected environmental conditions, in such a way that persons, domestic animals and property are not endangered;	22.14 22.16 22.19	
c) does not endanger persons, domestic animals and property in foreseeable conditions of overload.	22.7 22.13 22.16 22.19 22.20	

WARNING 1 — Presumption of conformity stays valid only as long as a reference to this European standard is maintained in the list published in the Official Journal of the European Union. Users of this standard should consult frequently the latest list published in the Official Journal of the European Union.

WARNING 2 — Other Union legislation may be applicable to the product(s) falling within the scope of this standard.

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