SLOVENSKI STANDARD
SIST EN IEC 60809:2021

01-julij-2021

Nadomešča:
SIST EN 60809:2015
SIST EN 60809:2015/A1:2018
SIST EN 60809:2015/A3:2019
SIST EN IEC 60809:2015/A2:2018

Sijalke in viri svetlobe za cestna vozila - Dimenzijske, električne in svetlobne zahteve (IEC 60809:2021)

Lamps and light sources for road vehicles - Dimensional, electrical and luminous requirements (IEC 60809:2021)

Lampen für Straßenfahrzeuge - Maße, elektrische und lichttechnische Anforderungen (IEC 60809:2021)

Lampes pour véhicules routiers - Exigences dimensionnelles, électriques et lumineuses (IEC 60809:2021)

Ta slovenski standard je istoveten z: **EN IEC 60809:2021**

ICS:

29.140.20	Žarnice z žarilno nitko	Incandescent lamps
43.040.20	Naprave za osvetlitev, signalizacijo in opozarjanje	Lighting, signalling and warning devices

SIST EN IEC 60809:2021 **en**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 60809

May 2021

ICS 43.040.20; 29.140.20

Supersedes EN 60809:2015 and all of its amendments and corrigenda (if any)

English Version

Lamps and light sources for road vehicles - Dimensional, electrical and luminous requirements (IEC 60809:2021)

Lampes et sources lumineuses pour véhicules routiers - Exigences dimensionnelles, électriques et lumineuses (IEC 60809:2021)

Lampen und Lichtquellen für Straßenfahrzeuge - Maße, elektrische und lichttechnische Anforderungen (IEC 60809:2021)

This European Standard was approved by CENELEC on 2021-05-12. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard 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 European Standard 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.

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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

Ref. No. EN IEC 60809:2021 E

European foreword

The text of document 34A/2232/FDIS, future edition 4 of IEC 60809, prepared by SC 34A "Electric light sources" of IEC/TC 34 "Lighting" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60809:2021.

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) 2022-02-12
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2024-05-12

This document supersedes EN 60809:2015 and all of its amendments and corrigenda (if any).

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Endorsement notice

The text of the International Standard IEC 60809:2021 was approved by CENELEC as a European Standard without any modification.

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

IEC 60983	NOTE	Harmonized as EN 60983
IEC 62504	NOTE	Harmonized as EN 62504

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.

Publication	Year	Title	EN/HD	Year
IEC 60050-845	-	International Electrotechnical Vocabulary. Lighting	-	-
IEC 60051-1	-	Direct acting indicating analogue electrical measuring instruments and their accessories - Part 1: Definitions and general requirements common to all parts	EN 60051-1	-
IEC 60061-1	-	Lamp caps and holders together with gauges for the control ofinterchangeability and safety. Part 1: Lamp caps	EN 60061-1	-
IEC 60810	2017	Lamps, light sources and LED packages for road vehicles - Performance requirements	EN IEC 60810	2018
+ A1	2019		+ A1	2019
CIE 015	-	Colorimetry	-	-

IEC 60809

Edition 4.0 2021-04

INTERNATIONAL STANDARD

colour inside

Lamps and light sources for road vehicles – Dimensional, electrical and luminous requirements

INTERNATIONAL
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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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LAMPS AND LIGHT SOURCES FOR ROAD VEHICLES – DIMENSIONAL, ELECTRICAL AND LUMINOUS REQUIREMENTS

FOREWORD

1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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IEC 60809 has been prepared by subcommittee 34A: Electric light sources, of IEC technical committee 34: Lighting. It is an International Standard.

This fourth edition cancels and replaces the third edition published in 2014, Amendment 1:2017, Amendment 2:2017 and Amendment 3:2019. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

a) Introduction of a light technical measurement on LED light sources intended for use in front-lighting applications.
b) As the original data sheets and some figures from previous editions were not available in an editable format, they have been reproduced from their old format, following the current drafting rules and are now in single language format. Some reproductions constitute minor (obvious) editorial changes of the original text sections and original figures; no technical changes were introduced.

The text of this International Standard is based on the following documents:

Draft	Report on voting
34A/2232/FDIS	34A/2235/RVD

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/standardsdev/publications.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under webstore.iec.ch in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

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