



SLOVENSKI STANDARD
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Tehnične lastnosti svetilk - 1. del: Splošne zahteve (IEC 62722-1:2022)

Luminaire performance - Part 1: General requirements (IEC 62722-1:2022)

Arbeitsweise von Leuchten - Teil 1: Allgemeine Anforderungen (IEC 62722-1:2022)

Performance des luminaires - Partie 1: Exigences générales (IEC 62722-1:2022)

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29.140.40 Svetila Luminaires

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Luminaire performance - Part 1: General requirements (IEC 62722-1:2022)

Performance des luminaires - Partie 1: Exigences
générales
(IEC 62722-1:2022)

Arbeitsweise von Leuchten - Teil 1: Allgemeine
Anforderungen
(IEC 62722-1:2022)

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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

EN IEC 62722-1:2022 (E)**European foreword**

The text of document 34D/1658/FDIS, future edition 2 of IEC 62722-1, prepared by SC 34D "Luminaires" of IEC/TC 34 "Lighting" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62722-1:2022.

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) 2023-04-19
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2025-07-19

This document supersedes EN 62722-1:2016 and all of its amendments and corrigenda (if any).

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The text of the International Standard IEC 62722-1:2022 was approved by CENELEC as a European Standard without any modification.

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 60050-845	-	International Electrotechnical Vocabulary. Lighting	-	-
IEC 60598-1	-	Luminaires - Part 1: General requirements and tests	EN IEC 60598-1	-
IEC 60598-2	series	Luminaires - Part 2-1: Particular requirements - Fixed general purpose luminaires	EN IEC 60598-2	series
IEC 62722-2	series	Luminaire performance - Part 2-1: Particular requirements for LED luminaires	EN 62722-2	series
IEC 63103	2020	Lighting equipment - Non-active mode power measurement	EN IEC 63103	2020
IEC TS 63105	-	Lighting systems and related equipment - Vocabulary	-	-
CIE 034	1977	Road lighting lantern and installation data: photometrics, classification and performance	-	-
CIE 043	1979	Photometry of floodlights	-	-
CIE 121	1996	The photometry and goniophotometry of luminaires	-	-



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INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Luminaire performance –
Part 1: General requirements**

**Performance des luminaires –
Partie 1: Exigences générales**

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LUMINAIRE PERFORMANCE –**Part 1: General requirements****FOREWORD**

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IEC 62722-1 has been prepared by subcommittee 34D: Luminaires, of IEC technical committee 34: Lighting. It is an International Standard.

This second edition cancels and replaces the first edition published in 2014. This edition constitutes a technical revision.

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

- a) The reference to and use of the measurement methods for non-active power consumption in accordance with IEC 63103 have been added.
- b) The pictograms of Annex C have been updated to represent modern light sources.

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

Draft	Report on voting
34D/1658/FDIS	34D/1660/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.

A list of all parts in the IEC 62722 series, published under the general title *Luminaire performance* can be found on the IEC website.

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

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- replaced by a revised edition, or
- amended.

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INTRODUCTION

This part of IEC 62722 is a performance standard for luminaires (general requirements) and acknowledges the need for defining performance data to be provided, the presentation of this data, the basis of its measurement, and the associated tolerances that can be reasonably expected. Information to support responsible environmental use is also included. Future Parts 2 of the IEC 62722 series can be introduced where additional performance requirements for specific types of light sources are required. The structure of these performance standards also allows for the possibility of Part 3 of the IEC 62722 series to be introduced in the future should standardization of performance criteria linked to specific luminaire applications be determined as necessary (e.g. floodlighting, street lighting).

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