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STN	**Charakteristiky svetelných zdrojov LED Časť 2: Parametre a hodnoty pre navrhovanie**	**STN EN IEC 63356-2 36 0281**

LED light source characteristics - Part 2: Design parameters and values

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 12/24

Obsahuje: EN IEC 63356-2:2024, IEC 63356-2:2024

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EUROPEAN STANDARD

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EUROPÄISCHE NORM

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ICS 29.140.99

Supersedes EN IEC 63356-2:2022

English Version

LED light source characteristics - Part 2: Design parameters and values (IEC 63356-2:2024)

Caractéristiques de source lumineuse à LED - Partie 2: Paramètres et valeurs de conception (IEC 63356-2:2024)

Eigenschaften von LED-Lichtquellen - Teil 2: Konstruktionsparameter und werte (IEC 63356-2:2024)

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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 63356-2:2024 E

European foreword

The text of document 34A/2405/FDIS, future edition 2 of IEC 63356-2, 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 63356-2:2024.

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) 2025-10-31
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2027-10-31

This document supersedes EN IEC 63356-2:2022 and all of its amendments and corrigenda (if any).

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Endorsement notice

The text of the International Standard IEC 63356-2:2024 was approved by CENELEC as a European Standard without any modification.

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

IEC 62031:—[1] NOTE Approved as prEN IEC 62031:2024 (not modified)

IEC 63554:—[2] NOTE Approved as prEN IEC 63554:2024 (not modified)

IEC 63555:—[3] NOTE Approved as prEN IEC 63555:2024 (not modified)

[1] Third edition under preparation. Stage at the time of publication: IEC CCDV 62031:2024.

[2] First edition under preparation. Stage at the time of publication: IEC CCDV 63554:2024.

[3] First edition under preparation. Stage at the time of publication: IEC CCDV 63555:2024.

IEC 63356-2

Edition 2.0 2024-09

INTERNATIONAL STANDARD

NORME INTERNATIONALE

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IEC 63356-2:2024-09(en-fr)

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

COMMISSION ELECTROTECHNIQUE INTERNATIONALE

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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FOREWORD

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IEC 63356-2 has been prepared by subcommittee 34A: Electric light sources, of IEC technical committee 34: Lighting. It is an International Standard.

This second edition cancels and replaces the first edition published in 2022. This edition constitutes a technical revision.

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

a) a new Clause 6 for circular LED modules with a circular light emitting surface for spot lighting has been added;
b) a new Clause 7 for LEDni modules with a rectangular shape and a circular light emitting surface has been added.

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

Draft	Report on voting
34A/2405/FDIS	34A/2412/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/publications.

A list of all parts in the IEC 63356 series, published under the general title *LED light source characteristics*, 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

- reconfirmed,
- withdrawn, or
- revised.

IMPORTANT – The "colour inside" logo on the cover page of this document indicates that it contains colours which are considered to be useful for the correct understanding of its contents. Users should therefore print this document using a colour printer.

LED LIGHT SOURCE CHARACTERISTICS –

Part 2: Design parameters and values

1 Scope

This part of IEC 63356 specifies design parameters and design values of an LED light source or related interface characteristics.

NOTE 1 Interface characteristics can cover interfaces between the LED light source and the luminaire or the controlgear, or the LED light source and additional attachments.

NOTE 2 Interfaces can be related to for example electrical, mechanical, or optical aspects.

This document does not cover interchangeability between products from different LED light source manufacturers.

NOTE 3 Interchangeability is covered by IEC 63356-1.

Lamp caps and lampholders specified in the IEC 60061 series are not within the scope of this document.

Compliance criteria relating to parameters in this document are covered by:

- IEC 62031:—[1], LED modules – Safety requirements, or;
- IEC 63554:—[2], LED lamps – Safety requirements, or;
- IEC 63555:—[3], LED light sources – Performance requirements.

2 Normative references

There are no normative references in this document.

1 Third edition under preparation. Stage at the time of publication IEC CCDV 62031:2024.

2 First edition under preparation. Stage at the time of publication IEC CCDV 63554:2024.

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