SLOVENSKI STANDARD
SIST EN IEC 62386-105:2025

01-marec-2025

Digitalni naslovljivi vmesnik za razsvetljavo - 105. del: Posebne zahteve za krmilja in krmilne naprave - Prenos strojne programske opreme (IEC 62386-105:2024)

Digital addressable lighting interface - Part 105: Particular requirements for control gear and control devices - Firmware transfer (IEC 62386-105:2024)

Digital adressierbare Schnittstelle für die Beleuchtung - Teil 105: Besondere Anforderungen für Betriebs- und Steuergeräte - Firmware Übertragung (IEC 62386-105:2024)

Interface d'éclairage adressable numérique - Partie 105: Exigences particulières pour appareillages et dispositifs de commande - Transfert du microprogramme (IEC 62386-105:2024)

Ta slovenski standard je istoveten z: **EN IEC 62386-105:2025**

ICS:

29.140.50	Instalacijski sistemi za razsvetljavo	Lighting installation systems
35.200	Vmesniška in povezovalna oprema	Interface and interconnection equipment

SIST EN IEC 62386-105:2025 **en**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 62386-105

January 2025

ICS 29.140.50; 29.140.99

Supersedes EN IEC 62386-105:2020

English Version

Digital addressable lighting interface - Part 105: Particular requirements for control gear and control devices - Firmware transfer (IEC 62386-105:2024)

Interface d'éclairage adressable numérique - Partie 105: Exigences particulières pour appareillages et dispositifs de commande - Transfert du microprogramme (IEC 62386-105:2024)

Digital adressierbare Schnittstelle für die Beleuchtung - Teil 105: Besondere Anforderungen für Betriebs- und Steuergeräte - Firmware Übertragung (IEC 62386-105:2024)

This European Standard was approved by CENELEC on 2025-01-16. 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.

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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.

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, Türkiye 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

European foreword

The text of document 34/1258/FDIS, future edition 2 of IEC 62386-105, prepared by TC 34 "Lighting" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62386-105:2025.

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) 2026-01-31
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2028-01-31

This document supersedes EN IEC 62386-105:2020 and all of its amendments and corrigenda (if any).

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 is read in conjunction with EN IEC 62386-101, EN IEC 62386-102, EN IEC 62386-103 and EN IEC 62386-104.

Any feedback and questions on this document should be directed to the users' national committee. A complete listing of these bodies can be found on the CENELEC website.

Endorsement notice

The text of the International Standard IEC 62386-105:2024 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 62386-250 NOTE Approved as EN IEC 62386-250

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.cencenelec.eu.

Publication	Year	Title	EN/HD	Year
IEC 62386-101	2022	Digital addressable lighting interface - Part 101: General requirements - System components	EN IEC 62386-101	2022
IEC 62386-102	2022	Digital addressable lighting interface - Part 102: General requirements - Control gear	EN IEC 62386-102	2022
IEC 62386-103	2022	Digital addressable lighting interface - Part 103: General requirements - Control devices	EN IEC 62386-103	2022

IEC 62386-105

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INTERNATIONAL STANDARD

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Digital addressable lighting interface – Part 105: Particular requirements for control gear and control devices – Firmware transfer

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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DIGITAL ADDRESSABLE LIGHTING INTERFACE –

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FOREWORD

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IEC 62386-105 has been prepared by IEC technical committee 34: Lighting. It is an International Standard.

This second edition cancels and replaces the first edition published in 2020. This edition constitutes a technical revision.

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

a) several commands have been modified, renamed and added;
b) variables have been modified and added;
c) recommendations for implementation within emergency control gear have been added;
d) requirements for block acceptance have been changed;

e) example process-flow diagrams have been added;

f) requirements for restarting and power-on have been changed.

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

Draft	Report on voting
34/1258/FDIS	34/1281/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.

This document is intended to be used in conjunction with:

- IEC 62386-101, which contains general requirements for system components;
- IEC 62386-102, which contains general requirements for the relevant product type (control gear), and with the appropriate parts of the IEC 62386-2xx series (particular requirements for control gear);
- IEC 62386-103, which contains general requirements for the relevant product type (control devices), and with the appropriate parts of the IEC 62386-3xx series (particular requirements for control devices);
- IEC 62386-104, which contains general requirements for wireless and alternative wired system components.

A list of all parts in the IEC 62386 series, published under the general title *Digital addressable lighting interface*, 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.

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