SLOVENSKI STANDARD
oSIST prEN IEC 63562:2026

01-december-2026

Germicidna oprema - Nizkotlačni živosrebrni viri UV-sevanja za germicidne namene – Varnost

Germicidal equipment - Low-pressure mercury UV radiation sources for germicidal purpose - Safety

Équipement germicide - Sources de rayonnement UV au mercure à basse pression destinées à un usage germicide - Sécurité

Sample Document
Use is subject to standards.iteh.ai

Ta slovenski standard je istoveten z: **prEN IEC 63562:2026**

ICS:

11.080.10	Sterilizacijska oprema	Sterilizing equipment
29.140.01	Žarnice na splošno	Lamps in general

oSIST prEN IEC 63562:2026 **en**

2003-01.Slovenski inštitut za standardizacijo. Razmnoževanje celote ali delov tega standarda ni dovoljeno.

Sample Document

get full document from standards.iteh.ai

34/1495/CDV

COMMITTEE DRAFT FOR VOTE (CDV)

PROJECT NUMBER: **IEC 63562 ED1**	
DATE OF CIRCULATION: **2026-10-02**	CLOSING DATE FOR VOTING: **2026-12-25**
SUPERSEDES DOCUMENTS: **34/1418/CD, 34/1471/CC**	

IEC TC 34 : LIGHTING	
SECRETARIAT: United Kingdom	SECRETARY: Mr Petar Luzajic
OF INTEREST TO THE FOLLOWING COMMITTEES:	HORIZONTAL FUNCTION(S):
ASPECTS CONCERNED: Safety	
☒ SUBMITTED FOR CENELEC PARALLEL VOTING	☐ NOT SUBMITTED FOR CENELEC PARALLEL VOTING
Attention IEC-CENELEC parallel voting The attention of IEC National Committees, members of CENELEC, is drawn to the fact that this Committee Draft for Vote (CDV) is submitted for parallel voting. The CENELEC members are invited to vote through the CENELEC online voting system.	

Sample Document
Downloaded from standards.iteh.ai

This document is still under study and subject to change. It should not be used for reference purposes.

Recipients of this document are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

Recipients of this document are invited to submit, with their comments, notification of any relevant "In Some Countries" clauses to be included should this proposal proceed. Recipients are reminded that the CDV stage is the final stage for submitting ISC clauses. (SEE AC/22/2007 OR NEW GUIDANCE DOC).

TITLE:

Germicidal equipment - Low-pressure mercury UV radiation sources for germicidal purpose - Safety

PROPOSED STABILITY DATE: 2030

NOTE FROM TC/SC OFFICERS:

Copyright © 2026 International Electrotechnical Commission, IEC. All rights reserved. It is permitted to download this electronic file, to make a copy and to print out the content for the sole purpose of preparing National Committee positions. You may not copy or "mirror" the file or printed version of the document, or any part of it, for any other purpose without permission in writing from IEC.

oSIST prEN IEC 63562:2026

CONTENTS

FOREWORD 3
INTRODUCTION 5
1 Scope 6
2 Normative references 6
3 Terms and definitions 6
4 Classification 7
5 General 7
5.1 General requirement 7
5.2 General conditions for tests 7
5.2.1 Type test 7
5.2.2 Test samples 7
5.2.3 Compliance by inspection of relevant data 7
5.2.4 External controlgear 7
6 Marking 8
6.1 Overview 8
6.2 Marking content 9
6.3 LPM UV source marking 10
6.4 Durability and legibility of marking 11
7 Electrical safety 11
7.1 General 11
7.2 Protection against electric shock 11
7.2.1 Category A LPM UV sources 11
7.2.2 Category B LPM UV sources 11
7.3 Insulation resistance 11
7.4 Electric strength 11
7.4.1 Creepage distance and clearance 11
7.4.2 Category A LPM UV sources 11
7.4.3 Category B LPM UV sources 11
8 Thermal safety 12
8.1 Category A LPM UV sources 12
8.2 Category B LPM UV sources 12
8.2.1 Cap temperature rise 12
8.2.2 Resistance to heat 12
8.2.3 Resistance to flame and ignition 12
8.3 Category C UV LPM sources 12
8.3.1 Resistance to heat 12
8.3.2 Resistance to flame and ignition 12
9 Mechanical safety 12
9.1 Mechanical requirements for caps 12
9.1.1 Category A LPM UV sources 12
9.1.2 Category B LPM UV sources 12
9.2 Mechanical requirements for Category C LPM UV sources 13
9.3 Source mass and bending moment imparted by the source at the lampholder 13
9.3.1 Category A LPM UV sources 13

Sample Document
Get full document from standards.iteh.ai

oSIST prEN IEC 63562:2026 • https://standards.iteh.ai/catalog/standards/sist/a3f0cf9e-9e2d-4b86-8656-338659977d32/osist-pren-iec-63562-2026

oSIST prEN IEC 63562:2026

9.3.2 Category B and category C LPM UV sources 13
9.4 Source Dimension of category A and category B LPM UV sources 13
10 Actinic UV hazard 13
11 Ozone generation 14
12 Resistance to UV radiation and ozone exposure 14
12.1 General 14
12.2 Exposure to UV-C radiation 14
12.3 Exposure to ozone 14
13 Other safety requirements 14
Annex A (normative) Corresponding clauses in existing standard for safety requirements 15
Annex B (Informative) Information for luminaire design 17
B.1 General 17
B.2 Water contact 17
B.3 Protection of against potential hazards 17

Sample Document
get full document from standards.iteh.ai

oSIST prEN IEC 63562:2026 • https://standards.iteh.ai/catalog/standards/sist/a3f0cf9e-9e2d-4b86-8656-338659977d32/osist-pren-iec-63562-2026

oSIST prEN IEC 63562:2026

INTERNATIONAL ELECTROTECHNICAL COMMISSION

_____

GERMICIDAL EQUIPMENT — LOW-PRESSURE MERCURY UV RADIATION SOURCES FOR GERMICIDAL PURPOSE — SAFETY

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.
2) The formal decisions or agreements of IEC on technical matters express, as nearly as possible, an international consensus of opinion on the relevant subjects since each technical committee has representation from all interested IEC National Committees.
3) IEC Publications have the form of recommendations for international use and are accepted by IEC National Committees in that sense. While all reasonable efforts are made to ensure that the technical content of IEC Publications is accurate, IEC cannot be held responsible for the way in which they are used or for any misinterpretation by any end user.
4) In order to promote international uniformity, IEC National Committees undertake to apply IEC Publications transparently to the maximum extent possible in their national and regional publications. Any divergence between any IEC Publication and the corresponding national or regional publication shall be clearly indicated in the latter.
5) IEC itself does not provide any attestation of conformity. Independent certification bodies provide conformity assessment services and, in some areas, access to IEC marks of conformity. IEC is not responsible for any services carried out by independent certification bodies.
6) All users should ensure that they have the latest edition of this publication.
7) No liability shall attach to IEC or its directors, employees, servants or agents including individual experts and members of its technical committees and IEC National Committees for any personal injury, property damage or other damage of any nature whatsoever, whether direct or indirect, or for costs (including legal fees) and expenses arising out of the publication, use of, or reliance upon, this IEC Publication or any other IEC Publications.
8) Attention is drawn to the Normative references cited in this publication. Use of the referenced publications is indispensable for the correct application of this publication.
9) Attention is drawn to the possibility that some of the elements of this IEC Publication may be the subject of patent rights. IEC shall not be held responsible for identifying any or all such patent rights.

IEC 6XXXX has been prepared by IEC technical committee 34: Lighting. It is an International Standard.

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

Draft	Report on voting
XX/XX/FDIS	XX/XX/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.

Sample PDF Document
Get full document from standards.iteh.ai

oSIST prEN IEC 63562:2026 • https://standards.iteh.ai/catalog/standards/sist/a3f0cf9e-9e2d-4b86-8656-338659977d32/osist-pren-iec-63562-2026

oSIST prEN IEC 63562:2026

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.

Sample Document

get full document from standards.iteh.ai

oSIST prEN IEC 63562:2026 • https://standards.iteh.ai/catalog/standards/sist/a3f0cf9e-9e2d-4b86-8656-338659977d32/osist-pren-iec-63562-2026