

Signs and luminous-discharge-tube installations operating from a no-load rated output voltage exceeding 1 kV but not exceeding 10 kV - Part 1: General requirements

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 50107-1:2003 sisaldab Euroopa standardi EN 50107-1:2002 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 12.03.2003 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 50107-1:2003 consists of the English text of the European standard EN 50107-1:2002.</p> <p>This document is endorsed on 12.03.2003 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala:</p> <p>This European Standard specifies the requirements and method of installation for signs and luminous-discharge-tube installations operating from a no-load rated output voltage exceeding 1000 V, but not exceeding 10 000 V, including the electrical components and wiring.</p>	<p>Scope:</p> <p>This European Standard specifies the requirements and method of installation for signs and luminous-discharge-tube installations operating from a no-load rated output voltage exceeding 1000 V, but not exceeding 10 000 V, including the electrical components and wiring.</p>
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ICS 29.140.30

Võtmesõnad:

English version

**Signs and luminous-discharge-tube installations
operating from a no-load rated output voltage
exceeding 1 kV but not exceeding 10 kV
Part 1: General requirements**

Installations d'enseignes et de tubes
lumineux à décharge fonctionnant
à une tension de sortie à vide
assignée supérieure à 1 kV
mais ne dépassant pas 10 kV
Partie 1: Prescriptions générales

Leuchtröhrengeräte und
Leuchtröhrenanlagen
mit einer Leerlaufspannung
über 1 kV aber nicht über 10 kV
Teil 1: Allgemeine Anforderungen

This European Standard was approved by CENELEC on 2002-01-04. 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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CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

This European Standard was prepared by CENELEC BTTF 60-2, Electrical discharge lamp installations.

The text of the draft was submitted to the Unique Acceptance Procedure and was approved by CENELEC as EN 50107-1 on 2002-01-04.

This European Standard replaces EN 50107:1998.

The following dates were fixed:

- latest date by which the EN has to be implemented
at national level by publication of an identical
national standard or by endorsement (dop) 2003-05-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2005-01-01

Annexes designated "normative" are part of the body of the standard.

Annexes designated "informative" are given for information only.

In this standard, annex B is normative and annexes A & C are informative.

Contents

	Page
1 Scope.....	4
2 Normative references	4
3 Definitions	5
4 Means of attachment of signs	7
5 Drain holes	7
6 Installation of the mains supply.....	7
7 Enclosures and protection of live parts	7
8 Protection against indirect contact.....	10
9 Transformers.....	11
10 Earth-leakage and open-circuit protection.....	11
11 Inverters and converters.....	12
12 Auxiliaries	12
13 Insulating sleeves.....	12
14 Specification and installation of high-voltage cables	12
15 High-voltage connections	14
16 Supports for luminous-discharge tubes.....	15
17 Electromagnetic compatibility	15
18 Inspection and testing of installations	15
19 Marking	16
20 Maintenance.....	17
Annex A (informative) - List of high-voltage cables specified in EN 50143.....	23
Annex B (normative) - Special national conditions	24
Annex C (informative) - A-deviations.....	25

1 Scope

This European Standard specifies the requirements and method of installation for signs and luminous-discharge-tube installations operating from a no-load rated output voltage exceeding 1 000 V but not exceeding 10 000 V, including the electrical components and wiring.

The standard covers installations used for publicity, decorative or general lighting purposes, either for external or internal use. Such signs or luminous-discharge-tube installations may be either fixed or portable supplied from a low-voltage (LV) or extra-low-voltage (ELV) source by means of a transformer, inverter or converter.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to the European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

EN 50107-2¹⁾, *Signs and luminous-discharge-tube installations operating from a no-load rated output voltage exceeding 1 kV but not exceeding 10 kV – Part 2: Requirements for earth-leakage and open-circuit protective devices*

EN 50143:1997 + A1:200X¹⁾, *Cables for signs and luminous-discharge-tube installations operating from a no-load rated output voltage exceeding 1 kV but not exceeding 10 kV*

EN 60529:1991, *Degrees of protection provided by enclosures (IP Code)* (IEC 60529:1989)

EN 60598-1:2000, *Luminaires — Part 1: General requirements and tests* (IEC 60598-1:2000, mod.)

EN 61347-2-10, *Lamp controlgear — Part 2-10: Particular requirements for electronic inverters and converters for high-frequency operation of cold start tubular discharge lamps (neon tubes)* (IEC 61347-2-10)

EN 61050, *Transformers for tubular discharge lamps having a no-load output voltage exceeding 1 kV (generally called neon-transformers) — General and safety requirements* (IEC 61050:1991 + corrigendum March 1992, mod.)

HD 384 (series), *Electrical installations of buildings* (IEC 60364 series, mod.)

IEC 60050, *International Electrotechnical Vocabulary*

ISO 3864:1984, *Safety colours and safety signs*

¹⁾ To be published.