

**Heat test source (H.T.S.) lamps for
carrying out heating tests on luminaires**

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 60634:2002 sisaldab Euroopa standardi EN 60634:1995 ingliskeelset teksti. Käesolev dokument on jõustatud 18.12.2002 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes. Standard on kättesaadav Eesti standardiorganisatsioonist.	This Estonian standard EVS-EN 60634:2002 consists of the English text of the European standard EN 60634:1995. This document is endorsed on 18.12.2002 with the notification being published in the official publication of the Estonian national standardisation organisation. The standard is available from Estonian standardisation organisation.
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Descriptors: Luminaires, temperature rise of lampholders, measurement, heat test source lamp, requirements

English version

Heat test source (H.T.S.) lamps for carrying out heating tests on luminaires

(IEC 634 : 1993)

Lampes étalons pour essais d'échauffement
(E.E.E.) à exécuter sur les luminaires
(CEI 634 : 1993)

Wärmeprüflampen (HTS-Lampen) zur
Durchführung von Erwärmungsprüfungen an
Leuchten
(IEC 634 : 1993)

This European Standard was approved by CENELEC on 1994-12-06. 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.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

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CENELEC

European Committee for Electrotechnical Standardization
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Foreword

The text of the International Standard IEC 634 : 1993, prepared by SC 34A, Lamps, of IEC TC 34, Lamps and related equipment, was submitted to the Unique Acceptance Procedure and was approved by CENELEC as EN 60634 on 1994-12-06 without any modification.

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) 1995-12-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 1995-12-01

For products which have complied with HD 392 S2 : 1985 before 1995-12-01, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 2000-12-01.

Annexes designated 'normative' are part of the body of the standard. In this standard, annexes A, B and ZA are normative. Annex ZA has been added by CENELEC.

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HEAT TEST SOURCE (H.T.S.) LAMPS FOR CARRYING OUT HEATING TESTS ON LUMINAIRES

1 Scope

This International Standard specifies requirements for heat test source (H.T.S.) lamps used for carrying out those thermal tests of IEC 598 which primarily check the influence of heat conducted through the lamp cap as well as of convection. For a description of the origin and philosophy of this standard see annex A.

Where H.T.S. lamps are not available, an alternative heat test source (A.H.T.S.) lamp may be used.

A guideline for the selection and preparation of such lamps is given in annex B of IEC 598-1.

Some consideration has been given to radiation test sources (R.T.S.) in annex A.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All normative documents are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

IEC 360: 1987, *Standard method of measurement of lamp cap temperature rise*

IEC 432: 1984, *Safety requirements for tungsten filament lamps for domestic and similar general lighting purposes*

IEC 598, *Luminaires*

IEC 598-1: 1992, *Luminaires – Part 1: General requirements and tests*

IEC 887: 1988, *Glass bulb designation system for lamps*

3 Definitions

For the purpose of this International Standard, the following definitions apply.