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## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 2756:2010 sisaldb Euroopa standardi EN 2756:2010 ingliskeelset teksti.  Standard on kinnitatud Eesti Standardikeskuse 31.03.2010 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.  Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kätesaadavaks tegemise kuupäev on 24.02.2010.  Standard on kätesaadav Eesti standardiorganisatsionist.	This Estonian standard EVS-EN 2756:2010 consists of the English text of the European standard EN 2756:2010.  This standard is ratified with the order of Estonian Centre for Standardisation dated 31.03.2010 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.  Date of Availability of the European standard text 24.02.2010.  The standard is available from Estonian standardisation organisation.
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ICS 49.060

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EUROPEAN STANDARD

EN 2756

NORME EUROPÉENNE

EUROPÄISCHE NORM

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English Version

## Aerospace series - Lamps, incandescent - Test methods

Série aérospatiale - Lampes à incandescence - Méthodes  
d'essais

Luft- und Raumfahrt - Glühlampen - Prüfverfahren

This European Standard was approved by CEN on 26 September 2009.

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## Foreword

This document (EN 2756:2010) has been prepared by the Aerospace and Defence Industries Association of Europe - Standardization (ASD-STAN).

After enquiries and votes carried out in accordance with the rules of this Association, this Standard has received the approval of the National Associations and the Official Services of the member countries of ASD, prior to its presentation to CEN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by August 2010, and conflicting national standards shall be withdrawn at the latest by August 2010.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

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## 1 Scope

This standard specifies the test methods for incandescent lamps used for aerospace applications.

It concerns lamps used for lighting and/or for interior or exterior signalling.

## 2 Normative references

The following referenced documents are indispensable for the application 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.

EN 2240-001:2009, *Aerospace series — Lamps, incandescent — Part 001: Technical specification*

EN 2240-002, *Aerospace series — Lamps, incandescent — Part 002: Main characteristics*

ISO 2678, *Environmental tests for aircraft equipment — Insulation resistance and high voltage tests for electrical equipment*

ISO 7137, *Aircraft — Environmental conditions and test procedures for airborne equipment*

IEC 60061-3, *Lamp caps and holders together with gauges for the control of interchangeability and safety — Part 3: Gauges*

## 3 Tests

### 3.1 Test conditions

Unless otherwise specified, the tests shall be carried out under the following conditions:

- ambient temperature: 15 °C to 35 °C;
- atmospheric pressure: 84 kPa to 107 kPa;
- relative humidity < 85 %.

Prior to all tests, the lamps shall be placed in these conditions for 1 h. The atmosphere of the environment shall not undergo any significant variations during a series of tests. (See ISO 7137.)

NOTE      Each lamp subjected to tests shall be the object of individual monitoring.

### 3.2 Visual examination

#### 3.2.1 External appearance

The lamps shall not present any defect capable of having an adverse effect on their installation or correct functioning; they shall conform with the characteristics specified in the product standards.

The bulb shall have a regular shape and shall not exhibit any defect which may adversely affect utilization.

The form and position of the filament shall conform with the indications given in EN 2240-002.