



SLOVENSKI STANDARD

SIST EN 2240-099:2011

01-oktober-2011

Aeronavtika - Žarnice - 099. del: Žarnica, kod 416700 - Standard za izdelek

Aerospace series - Lamps, incandescent - Part 099: Lamp, code 416700 - Product standard

Luft- und Raumfahrt - Glühlampen - Teil 099: Lampe, Kode 416700 - Produktnorm

Série aérospatiale - Lampes à incandescence - Partie 099: Lampe, code 416700 - Norme de produit

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Ta slovenski standard je istoveten z: **EN 2240-099:2011**
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ICS:

49.060	Letalska in vesoljska električna oprema in sistemi	Aerospace electric equipment and systems
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EUROPEAN STANDARD

EN 2240-099

NORME EUROPÉENNE

EUROPÄISCHE NORM

August 2011

ICS 49.060

English Version

**Aerospace series - Lamps, incandescent - Part 099: Lamp, code
416700 - Product standard**

Série aérospatiale - Lampes à incandescence - Partie 099:
Lampe, code 416700 - Norme de produit

Luft- und Raumfahrt - Glühlampen - Teil 099: Lampe, Kode
416700 - Produktnorm

This European Standard was approved by CEN on 11 May 2011.

CEN 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 CEN-CENELEC Management Centre or to any CEN member.

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 CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
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Foreword

This document (EN 2240-099:2011) 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 February 2012, and conflicting national standards shall be withdrawn at the latest by February 2012.

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.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

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EN 2240-099:2011 (E)**1 Scope**

This European Standard specifies the required characteristics for lamp, code 416700, for aerospace applications.

It should be used together with EN 2756.

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, *Aerospace series — Lamps, incandescent — Part 001: Technical specification*

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

EN 2241, *Aerospace series — Lamp caps — Dimensions*

EN 2756, *Aerospace series — Lamps, incandescent — Test methods*

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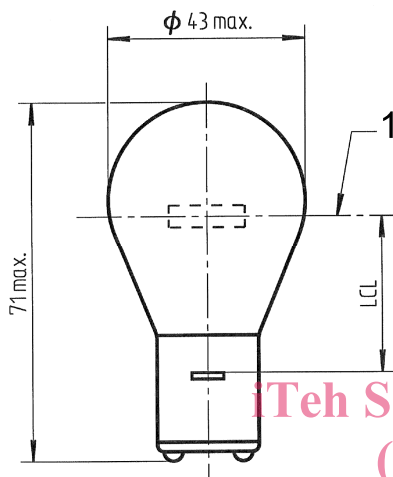
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3 Required characteristics

3.1 Dimensions and mass

See Figure 1 and Table 1.

Dimensions are given in millimetres.



Key

1 Light centre

Figure 1

Table 1

Bulb appearance			Clear
Nominal voltage		V	28
Nominal current		A	3,6
Nominal power		W	100
Nominal luminous flux		lm	1 920
Colour temperature		K	2 890
Life	Static with d.c.	h	100
	Dynamic with d.c.	h	–
	Static with a.c.	h	–
Reduced voltage		V	–
Luminous flux at reduced voltage		lm	–
Form of filament 1			CC – 2R
Light Centre Length (LCL)			30 ± 0,5
Mass (for 1 000)		kg	19,5

3.2 Other characteristics

See Table 1.

3.3 Form of filament

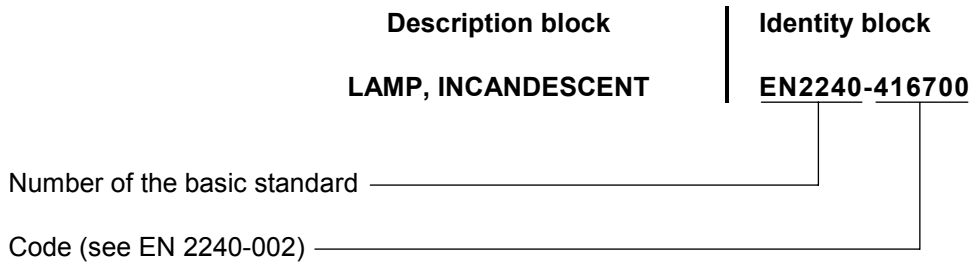
See EN 2240-002.

3.4 Cap

BA20d: see EN 2241.

EN 2240-099:2011 (E)**4 Designation**

EXAMPLE



NOTE If necessary, the code I9005 shall be placed between the description block and the identity block.

5 Marking

Unless there is not enough space, the lamp and its packaging shall be marked with the international code number such as indicated in EN 2240-002.

6 Technical specification

See EN 2240-001.

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