



# SLOVENSKI STANDARD

## SIST EN 2240-101:2012

01-februar-2012

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**Aeronavtika - Žarnice - 101. del: Žarnica, kod 404-02 - Standard za izdelek**

Aerospace series - Lamps, incandescent - Part 101: Lamp, code 404-02 - Product standard

Luft- und Raumfahrt - Glühlampen - Teil 101: Lampe, Kode 404-02 - Produktnorm

Série aérospatiale - Lampes à incandescence - Partie 101: Lampe, code 404-02 - Norme de produit

**STANDARD PREVIEW**  
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Ta slovenski standard je istoveten z: **EN 2240-101:2011**

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**ICS:**

49.060

Letalska in vesoljska  
električna oprema in sistemi

Aerospace electric  
equipment and systems

**SIST EN 2240-101:2012**

**en,fr,de**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 2240-101**

November 2011

ICS 49.060

English Version

**Aerospace series - Lamps, incandescent - Part 101: Lamp, code  
404-02 - Product standard**

Série aérospatiale - Lampes à incandescence - Partie 101:  
Lampe, code 404-02 - Norme de produit

Luft- und Raumfahrt - Glühlampen - Teil 101: Lampe, Kode  
404-02 - 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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COMITÉ EUROPÉEN DE NORMALISATION  
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## Foreword

This document (EN 2240-101:2011) 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 May 2012, and conflicting national standards shall be withdrawn at the latest by May 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 2240-101:2011 (E)****1 Scope**

This European Standard specifies the required characteristics for lamp, code 404-02, 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 2756, *Aerospace series — Lamps, incandescent — Test methods*

IEC 60061-1, *Lamp caps and holders together with gauges for the control of interchangeability and safety — Part 1: Lamp caps*<sup>1)</sup>

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1) Published by: IEC International Electrotechnical Commission <http://www.iec.ch/>

### 3 Required characteristics

#### 3.1 Dimensions and mass

See Figure 1 and Table 1.

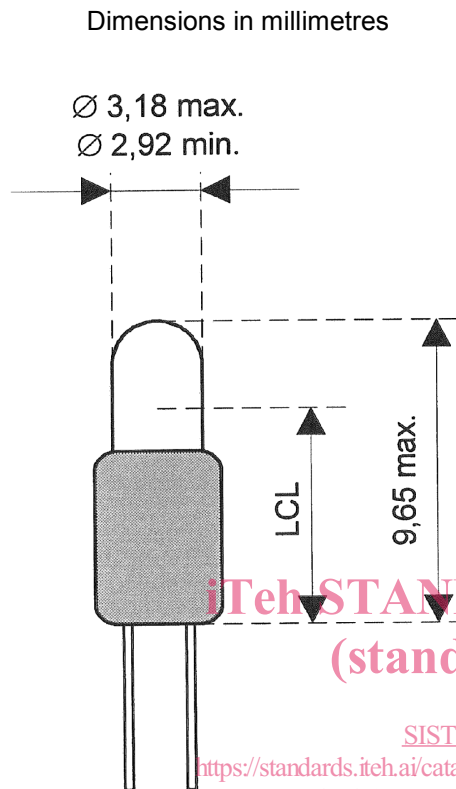


Figure 1

Table 1

Parameter		Unit	Value
Bulb appearance		–	Clear
Nominal voltage		V	28
Nominal current		A	0,024
Nominal power		W	0,672
Nominal luminous flux		lm	1,9
Colour temperature		K	2 060
Life	Static with d.c.	h	1 000
	Dynamic with d.c.	h	500
	Static with a.c.	h	1 500
Reduced voltage		V	–
Luminous flux at reduced voltage		lm	–
Form of filament			CC – 2F C – 2F
Light Centre Length (LCL)			7 ± 0,75
Mass (for 1 000)		kg	1,5

#### 3.2 Other characteristics

See Table 1.

#### 3.3 Form of filament

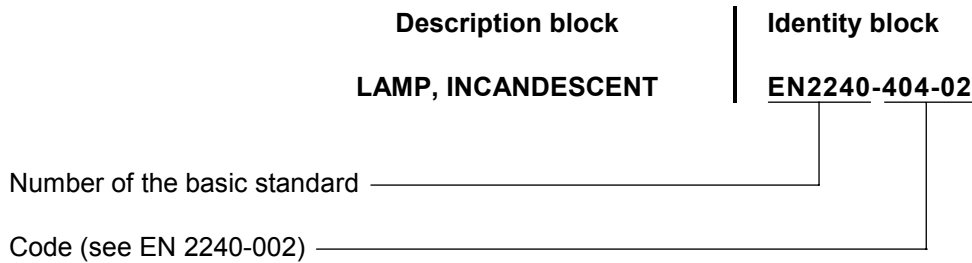
Special.

#### 3.4 Cap

GX2.54: see IEC 60061-1.

**EN 2240-101:2011 (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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