

SLOVENSKI STANDARD

SIST EN 2240-038:2010

01-maj-2010

Aeronavtika - Žarnice - 038. del: Žarnica, kod 401 - Standard za proizvod

Aerospace series - Lamps, incandescent - Part 038: Lamp, code 401 - Product standard

Luft- und Raumfahrt - Glühlampen - Teil 038: Lampe, Kode 401 - Produktnorm

Série aérospatiale - Lampes à incandescence - Partie 038: Lampe, code 401 - Norme de produit

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Ta slovenski standard je istoveten z: EN 2240-038:2010

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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
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 2240-038

March 2010

ICS 49.060

English Version

**Aerospace series - Lamps, incandescent - Part 038: Lamp, code
401 - Product standard**

Série aérospatiale - Lampes à incandescence - Partie 038:
Lampe, code 401 - Norme de produit

Luft- und Raumfahrt - Glühlampen - Teil 038: Lampe, Kode
401 - Produktnorm

This European Standard was approved by CEN on 6 February 2010.

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 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 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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Foreword

This document (EN 2240-038:2010) 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 September 2010, and conflicting national standards shall be withdrawn at the latest by September 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.

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 2240-038:2010 (E)**1 Scope**

This standard specifies the required characteristics for lamp, code 401, for aerospace applications.

It shall 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* ¹⁾

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

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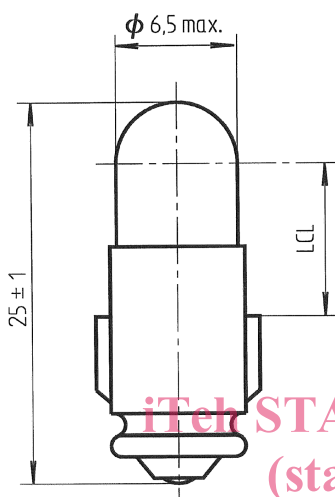
1) Published as ASD-STAN Prestandard at the date of publication of this standard.

3 Required characteristics

3.1 Dimensions and mass

See Figure 1 and Table 1.

Dimensions are given in millimetres.



Key

- 1 Light centre
- 2 Reference line: middle of the groove

Table 1

Bulb appearance		Clear	
Nominal voltage		V	28
Nominal current		A	0,085
Nominal power		W	2,36
Nominal luminous flux		lm	8
Colour temperature		K	2 000
Life	Static with d.c.	h	2 000
	Dynamic with d.c.	h	—
	Static with a.c.	h	3 000
Reduced voltage		V	—
Luminous flux at reduced voltage		lm	—
Form of filament		C - 2F	
Light Centre Length (LCL)		11 ± 1	
Mass (for 1 000)		kg	1,05

Figure 1

3.2 Other characteristics

See Table 1.

3.3 Form of filament

See EN 2240-002.

3.4 Cap

S5,7s/8: see EN 2241.

EN 2240-038:2010 (E)**4 Designation**

EXAMPLE

	Description block	Identity block
	LAMP, INCANDESCENT	EN2240-401
Number of the basic standard		
Code (see EN 2240-002)		

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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