BS EN 2240-099:2011



BSI Standards Publication

Aerospace series — Lamps, incandescent

Part 099: Lamp, code 416700 — Product standard



National foreword

This British Standard is the UK implementation of EN 2240-099:2011.

The UK participation in its preparation was entrusted to Technical Committee ACE/6, Aerospace avionic electrical and fibre optic technology.

A list of organizations represented on this committee can be obtained on request to its secretary.

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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.

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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

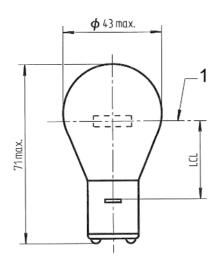
EN 2756, Aerospace series — Lamps, incandescent — Test methods

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 appeara	Clear		
Nominal voltage		V	28
Nominal current		А	3,6
Nominal power		W	100
Nominal luminous flux		lm	1 920
Colour temperature		K	2 890
	Static with d.c.	h	100
Life	Dynamic with d.c.	h	_
	Static with a.c.	h	_
Reduced volta	age	V	_
Luminous flux	at reduced voltage	lm	_
Form of filam	ent		CC – 2R
Light Centre I	ength (LCL)		$30 \pm 0,5$
Mass (for 1 0	00)	kg	19,5

3.2 Other characteristics

See Table 1.

3.3 Form of filament

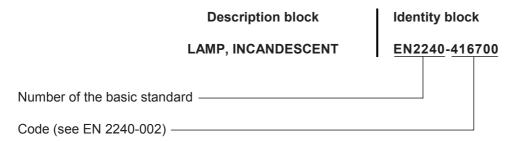
See EN 2240-002.

3.4 Cap

BA20d: see EN 2241.

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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