

BS EN 2240-098:2011



BSI Standards Publication

Aerospace series — Lamps, incandescent

Part 098: Lamp, code 416650 — Product
standard

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National foreword

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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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EUROPEAN STANDARD

EN 2240-098

NORME EUROPÉENNE

EUROPÄISCHE NORM

August 2011

ICS 49.060

English Version

**Aerospace series - Lamps, incandescent - Part 098: Lamp, code
416650 - Product standard**

Série aérospatiale - Lampes à incandescence - Partie 098:
Lampe, code 416650 - Norme de produit

Luft- und Raumfahrt - Glühlampen - Teil 098: Lampe, Kode
416650 - Produktnorm

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Management Centre: Avenue Marnix 17, B-1000 Brussels

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Foreword

This document (EN 2240-098:2011) 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of an identical text or by endorsement, at the latest by February 2012, and conflicting national standards shall be withdrawn at the latest by February 2012.

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1 Scope

This European Standard specifies the required characteristics for lamp, code 416650, 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*

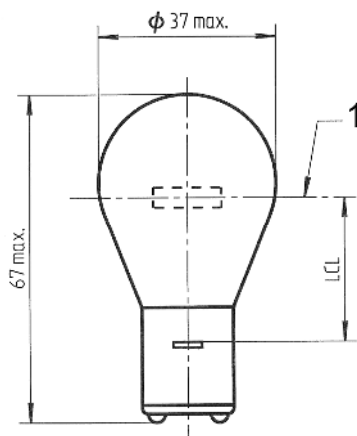
EN 2756, *Aerospace series — Lamps, incandescent — Test methods*

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 appearance			Clear
Nominal voltage		V	28
Nominal current		A	1,788
Nominal power		W	50
Nominal luminous flux		lm	750
Colour temperature		K	2 710
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			CC – 2R CC - 6
Light Centre Length (LCL)			$30 \pm 0,5$
Mass (for 1 000)		kg	16

3.2 Other characteristics

See Table 1.

3.3 Form of filament

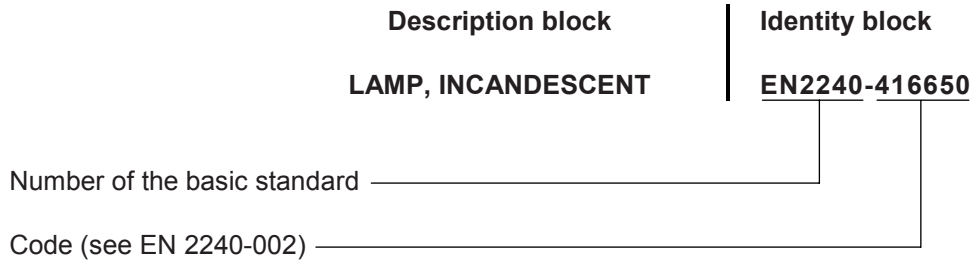
See EN 2240-002.

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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