



SLOVENSKI STANDARD SIST EN 2240-002:2010

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Aerospace series - Lamps, incandescent - Part 002: Main characteristics

Luft- und Raumfahrt - Glühlampen - Teil 002: Haupteigenschaften

Série aérospatiale - Lampes à incandescence - Partie 002: Caractéristiques principales

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Ta slovenski standard je istoveten z: EN 2240-002:2009

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ICS:

49.060 Ščp\ æš Å^•[|b\ æ Aerospace electric
^|\ dā } æ] !^ { æš Åã c { ã equipment and systems

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EUROPEAN STANDARD

EN 2240-002

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2009

ICS 49.060

English Version

Aerospace series - Lamps, incandescent - Part 002: Main characteristicsSérie aérospatiale - Lampes à incandescence - Partie 002 :
Caractéristiques principalesLuft- und Raumfahrt - Glühlampen - Teil 002:
Haupteigenschaften

This European Standard was approved by CEN on 1 November 2009.

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, 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
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: Avenue Marnix 17, B-1000 Brussels

EN 2240-002:2009 (E)**Foreword**

This document (EN 2240-002:2009) 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 2010, and conflicting national standards shall be withdrawn at the latest by May 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, 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 2240-002:2009 (E)

1 Scope

This European Standard enumerates and specifies the main characteristics of incandescent lamps for aerospace applications.

It should be used together with EN 2240-001 and the associated product standards.

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 2240-001¹⁾, *Aerospace series — Lamps, incandescent — Part 001: Technical specification*

3 Electrical and photometrical characteristics

See Table 1.

Table 1

EN 2240-product standard	Code	Nominal voltage V	Nominal current A	Nominal luminous flux lm	Cap	Bulb appearance
003	44	6,3	0,25	11,3	BA9s/14	Clear
004	47	6,3	0,15	6,5	BA9s/14	Clear
005	73	28	0,02	1	SY4s/7	Clear
006	73E	28	0,02	1	SY4s/7	Clear
007	74	6	0,08	2,1	SY4s/7	Clear
008	75	12	0,04	2,1	SY4s/7	Clear
009	83	28	0,04	4	SY4s/7	Clear
010	84	6	0,2	4,5	SY4s/7	Clear
011	85	12	0,08	4	SY4s/7	Clear
012	95	28	0,024	1,9	SY4s/7	Clear
013	301	28	0,17	38	BA15s/19	Clear
014	303	28	0,3	75	BA15s/19	Clear

(continued)

1) As well as all parts of EN 2240 quoted in this standard.

Table 1 (continued)

EN 2240-product standard	Code	Nominal voltage	Nominal current	Nominal luminous flux	Cap	Bulb appearance
		V	A	lm		
015	304	28	0,3	75	BA15d/19	Clear
016	305	28	0,51	188	BA15s/19	Clear
017	306	28	0,51	188	BA15d/19	Clear
018	307	28	0,67	264	BA15s/19	Clear
019	308	28	0,67	264	BA15d/19	Clear
020	311	28	1,29	628	BA15s/19	Clear
021	313	28	0,17	42	BA9s/14	Clear
022	315	28	0,9	400	BA15s/19	Clear
023	316	6	0,7	44	BA9s/14	Clear
024	327	28	0,04	4,3	SX6s	Clear
025	328	6	0,2	4,3	SX6s	Clear
026	330	14	0,08	6,3	SX6s	Clear
027	334	28	0,04	4,3	S5,7s/8	Clear
028	337	6	0,2	7,5	S5,7s/8	Clear
029	338	2,7	0,06	0,5	SX6s	Clear
030	345	6	0,04	0,38	SX6s	Clear
031	356	28	0,17	44	BA9s/14	Clear
032	376	28	0,06	4,3	SX6s	Clear
033	377	6,3	0,075	2,9	SX6s	Clear
034	382	14	0,08	3,8	SX6s	Clear
035	387	28	0,04	3,8	SX6s	Clear
036	388	28	0,04	3,8	S5,7s/8	Clear
037	394	12	0,04	1,5	SX6s	Clear
038	401	28	0,086	8	BA7s/11	Clear
039	600	6,2	4,19	See product standard	BAY15s/19	Silvered
040	680	5	0,06	0,38	Without	Clear
041	682	5	0,06	0,38	SX4s/4	Clear
042	683	5	0,06	0,63	Without	Clear
043	685	5	0,06	0,63	SX4s/4	Clear
044	713	5	0,075	1,13	Without	Clear
045	714	5	0,075	1,13	SX4s/4	Clear

(continued)

EN 2240-002:2009 (E)

Table 1 (continued)

EN 2240-product standard	Code	Nominal voltage	Nominal current	Nominal luminous flux	Cap	Bulb appearance
		V	A	lm		
046	715	5	0,115	1,9	Without	Clear
047	718	5	0,115	1,9	SX4s/4	Clear
048	718 NPC	5	0,115	1,9	SX4s/4	Clear
049	757	28	0,08	7,8	BA9s/14	Clear
050	1064	14	0,02	0,57	Without	Clear
051	1163	6,2	6,45	See product standard	BAY15s/19	Silvered
052	1222	28	0,02	1,25	Without	Clear
053	1308	28	0,56	201	BA15s/19	Clear
054	1317	6	0,51	43	BA15s/19	Clear
055	1495	28	0,30	75	BA9s/14	Clear
056	1506	6,4	3,28	See product standard	BAY15s/19	Silvered
057	1512	14	1,5	See product standard	BAY15s/19	Silvered
058	1524	28	0,75	See product standard	BAY15s/19	Silvered
059	1591	28	0,61	188	BAY15s/19	Clear
060	1619	6,7	1,9	188	BAY15s/19	Clear
061	1683	28	1,02	400	BA15s/19	Clear
062	1810	6,3	0,4	18,8	BA9s/14	Clear
063	1815	14	0,2	17,6	BA9s/14	Clear
064	1819	28	0,04	4,3	BA9s/14	Clear
065	1820	28	0,1	20	BA9s/14	Clear
066	1829	28	0,07	12,6	BA9s/14	Clear
067	1843	28	0,022	2,5	BA9s/14	Clear
068	1864	28	0,17	38	BA9s/14	Clear
069	1978	10	10	1 500	Special	Clear
070	2232	28	0,643	226	BA15s/19	Clear
071	3011	28	1,29	553	BA15s/19	Clear
072	3912	6	2	142	BA9s/13	Silvered
073	4174	28	1,43	See product standard	BAY15s/19	Silvered
074	5086	6	2	142	BA9s/13	Clear

(continued)

Table 1 (concluded)

EN 2240-product standard	Code	Nominal voltage	Nominal current	Nominal luminous flux	Cap	Bulb appearance
		V	A	lm		
075	5448	28	0,41	160	BA9s/13	Clear
076	5678	6	1,67	143	BA9s/13	Clear
077	6832	5	0,06	0,63	Without	Clear
078	6838	28	0,024	1,9	Without	Clear
079	6839	28	0,024	1,9	SX4s/4	Clear
080	7007-704	28	0,71	380	BA15d/19	Clear
081	7070	28	0,41	133	BA9s/13	Silvered
082	7079	28	1,43	See product standard	BAY15s/19	Silvered
083	7152	5	0,115	1,9	Without	Clear
084	7153	5	0,115	1,9	Without	Clear
085	7265	5	0,06	1,9	G 1,27	Clear
086	7333	5	0,06	0,63	SX6s	Clear
087	7341	28	0,065	8,2	SX6s	Clear
088	A7512-12	14	1,86	See product standard	BAY15s/19	Silvered
089	A7512-24	28	0,93	See product standard	BAY15s/19	Silvered
090	7683	5	0,06	0,63	G 1,27	Clear
091	7714	5	0,075	1,13	G 1,27	Clear
092	7715	5	0,115	1,9	G 1,27	Clear
093	7839	28	0,024	1,9	G 1,27	Clear
094	8022	12	4,2	990	BA20d	Clear
095	8552	28	0,02	1,9	Without	Clear
096	72601-6	6	4,2	400	BA15s/19	Clear
097	72601-12	12	2,1	400	BA15s/19	Clear
098	416650	28	1,8	750	BA20d	Clear
099	416700	28	3,6	1 920	BA20d	Clear
100	2078	4	1	56	GX4	Clear
101	404-02	28	0,024	1,9	GX2,54	Clear
102	422F	28	0,171	38	BA7s/11	Frosted
103	51	5	0,115	1,9	SY4s/7	Clear
104	136	28	0,025	1,0	SX6s	Clear
105	718BPA	5	0,115	1,9	GX1,27	Clear