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Date: 25 April 2019

Origin: International

Latest date for receipt of comments: 31 July 2019

Project No. 2010/02450

Responsible committee: CPL/34/2 Lamp caps and holders

Interested committees:

Title: Draft BS IEC 60061-1 Amendment 60 - Lamp caps and holders together with gauges for the control of interchangeability and safety Part 1: Lamps Caps

Please notify the secretary if you are aware of any keywords that might assist in classifying or identifying the standard or if the content of this standard

- i) has any issues related to 3rd party IPR, patent or copyright
- ii) affects other national standard(s)
- iii) requires additional national guidance or information

**WARNING: THIS IS A DRAFT AND MUST NOT BE REGARDED OR USED AS A BRITISH STANDARD.
THIS DRAFT IS NOT CURRENT BEYOND 31 July 2019**

This draft is issued to allow comments from interested parties; all comments will be given consideration prior to publication. No acknowledgement will normally be sent. **See overleaf for information on the submission of comments.**

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Information on the co-operating organizations represented on the committees referenced above may be obtained from <http://standardsdevelopment.bsigroup.com>

Introduction

This draft standard is based on national and international discussions. Your comments on this draft are invited and will assist in the preparation of the consequent standard.

For international standards, comments will be reviewed by the relevant UK national committee before sending the consensus UK vote and comments to the international committee, which will then decide appropriate action. If the international standard is approved, it is usual for the text to be published as a British Standard.

For national standards, comments will be reviewed by the relevant UK national committee and the resulting standards published as a British Standard.

UK Vote

Please indicate whether you consider the UK should submit a negative (with supporting technical reasons) or positive vote on this draft. Please indicate if you are aware of any reason why this draft standard should not be published as a British Standard.

Submission of Comments

- **Annotated drafts are not acceptable and will be rejected.**
- All comments should be submitted online at <https://standardsdevelopment.bsigroup.com/>. You will need to register in order to comment.

Template for comments and secretariat observations

Date: xx/xx/20xx	Document: ISO/DIS xxxx
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1	2	(3)	4	5	(6)	7
MB	Clause No./ Subclause No./Annex (e.g. 3.1)	Paragraph/Figure/ Table/Note	Type of comment	Commend (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
	3.1	Definition 1	ed	Definition is ambiguous and needs clarifying.	Amend to read '...so that the mains connector to which no connection...'	
	6.4	Paragraph 2	te	The use of the UV photometer as an alternative cannot be supported as serious problems have been encountered in its use in the UK.	Delete reference to UV photometer.	



34B/2033/CDV

COMMITTEE DRAFT FOR VOTE (CDV)

PROJECT NUMBER:

IEC 60061-1/AMD60 ED3

DATE OF CIRCULATION:

2019-04-05

CLOSING DATE FOR VOTING:

2019-06-28

SUPERSEDES DOCUMENTS:

34B/1988/CD, 34B/2015A/CC

IEC SC 34B : LAMP CAPS AND HOLDERS

SECRETARIAT:

Germany

SECRETARY:

Mr Hans Finke

OF INTEREST TO THE FOLLOWING COMMITTEES:

PROPOSED HORIZONTAL STANDARD:

☐

Other TC/SCs are requested to indicate their interest, if any, in this CDV to the secretary.

FUNCTIONS CONCERNED:

☐ EMC

☐ ENVIRONMENT

☐ QUALITY ASSURANCE

☒ SAFETY

☒ SUBMITTED FOR CENELEC PARALLEL VOTING

☐ NOT SUBMITTED FOR CENELEC PARALLEL VOTING

Attention IEC-CENELEC parallel voting

The attention of IEC National Committees, members of CENELEC, is drawn to the fact that this Committee Draft for Vote (CDV) is submitted for parallel voting.

The CENELEC members are invited to vote through the CENELEC online voting system.

This document is still under study and subject to change. It should not be used for reference purposes.

Recipients of this document are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

TITLE:

Amendment 60 - Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 1: Lamps Caps

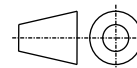
PROPOSED STABILITY DATE: 2022

NOTE FROM TC/SC OFFICERS:

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CAPS CULOTS

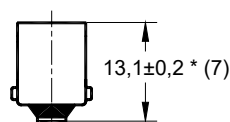
BA9s



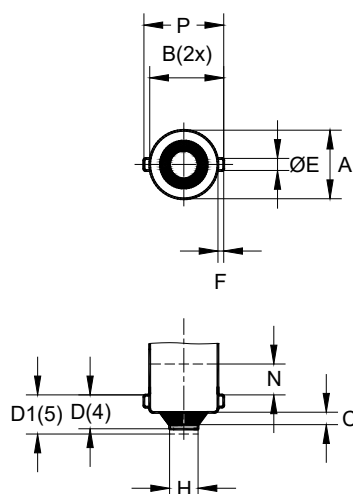
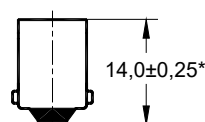
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Dimensions in millimetres - Dimensions en millimètres
 The drawing is intended only to illustrate the dimensions essential for interchangeability.
 Le dessin a pour seul but d'illustrer les dimensions essentielles pour l'interchangeabilité.
 For details of holder BA9, see sheet 7005-12.
 Pour les détails de la douille BA9, voir feuille 7005-12.

BA9s/13



BA9s/14


Figure 1: General dimensions / dimensions générales

Caps may be made with a flare* the diameter of which shall be not more than 0,5 mm (0,020 in) greater than the maximum permissible diameter of the corresponding cap without a flare.

Les culots peuvent être munis d'un évasement* dont le diamètre ne doit pas excéder de plus de 0,5 mm (0,020 in) le diamètre maximal permis du culot correspondant sans évasement.

* These dimensions are solely for cap design and are not to be gauged.

* Ces dimensions s'appliquent seulement au culot et n'ont pas à être vérifiées.

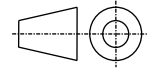
Standard dimensions Dimensions normalisées				
Dimension	Unmounted caps* Culots non assemblés*		Caps on finished lamps Culots sur lampes terminées	
	Min.	Max.	Min.	Max.
A (2)	9,08	9,20	9,08	9,25
B (3)	9,75	10,11	9,75	10,16
C	1,5	--	--	--
D (4)	4,3	5,2	--	--
D1 (5)(6)	--	--	4,3	5,9
E	1,5	1,7	1,5	1,7
F (3)	0,64	--	0,64	--
H (1)	3,5	4,0	3,5	4,0
N (2)	4,5	--	4,5	--
P	--	10,95	--	11,0

Proposal for a revision of

7004-14-9

CAPS CULOTS

BA9s



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- (1) This dimension is checked with a millimetre scale.
- (2) Dimension N denotes the minimum length over which both the minimum and the maximum limits of dimension A shall be observed. Below dimension N only the limits for dimension Amax apply. The requirements regarding dimension Amax on finished lamps shall be checked only with the relevant gauge shown on sheet 7006-11G.
The requirements regarding dimension Amin on finished lamps are as follows:
 - a) In every horizontal plane within dimension N, there shall be at least one direction in which the diameter is 9,08 mm.
 - b) In no direction in any plane within dimension N shall the diameter be less than 8,99 mm. This value is under consideration. Compliance with these requirements shall be checked with a suitable calliper measuring device having flat anvils 2 mm wide and a measuring accuracy of 0; -0,01 mm. The points of measurement shall extend from a plane 0,5 mm above the pins up to the minimum value of dimension N.
- (3) The radius of the edge of the relevant pin shall not exceed 0,2 mm when dimension B is at the minimum value of 9,75 mm. If dimension B exceeds 9,75 mm, the radius may be increased accordingly.
This requirement applies only to the half of the edge adjacent to the bulb.
- (4) Applicable to unmounted cap.
- (5) Applicable to finished lamp.
- (6) In North America dimension D1 has a value of 4,57 mm - 6,48 mm.
- (7) In North America the BA9s/12.5 cap is also used. The overall length of this cap is 12,20mm to 12,95mm.

- (1) Cette dimension est vérifiée avec une règle millimétrée.
- (2) La dimension N définit l'intervalle minimal le long duquel à la fois les limites minimale et maximale de la dimension A doivent être respectées. Au-dessous de la dimension N seule la valeur Amax est applicable. La conformité concernant la valeur Amax sur lampes terminées doit uniquement être vérifiée à l'aide du calibre décrit dans la feuille 7006-11G.
Les prescriptions concernant la valeur Amin sur lampes terminées sont les suivantes:
 - a) Dans chaque plan horizontal contenu dans la dimension N, il doit y avoir au moins une direction dans laquelle le diamètre est égal ou supérieur à 9,08 mm.
 - b) Dans aucune direction de tout plan contenu dans la dimension N, le diamètre ne doit être inférieur à 8,99 mm Cette valeur est à l'étude.
La conformité à ces prescriptions est vérifiée à l'aide d'un calibre ayant des mâchoires de 2 mm d'épaisseur et une précision de mesure de 0; -0,01 mm. Les points de mesure doivent se situer entre un plan à 0,5 mm au-dessus des ergots et la valeur minimale de la dimension N.
- (3) Le rayon du bord de l'ergot considéré ne doit pas dépasser 0,2 mm lorsque la dimension B est à la valeur minimale de 9,75 mm. Si la dimension B dépasse 9,75 mm, le rayon peut être augmenté en conséquence.
Cette prescription s'applique seulement à la moitié du bord de l'ergot situé du côté de la lampe.
- (4) S'applique au culot non assemblé.
- (5) S'applique à la lampe terminée.
- (6) En Amérique du Nord, la dimension D1 présente une valeur de 4,57 mm - 6,48 mm.
- (7) Le culot BA9s/12.5 est également utilisé en Amérique du Nord. La longueur hors tout de ce culot est de 12,20 mm à 12,95 mm.