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Project No. 2010/02450

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

Interested committees:

Title: BS EN 60061 PR2021-2 ED3 - Lamp caps and holders together with gauges for the control of interchangeability and safety - Proposal to add GJ6.6 fit systems to IEC 60061

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

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THIS DRAFT IS NOT CURRENT BEYOND 20 October 2021**

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 Please indicate if you are aware of any reason why this draft standard should not be published as a British Standard.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.	

PROJECT NUMBER: IEC 60061-PR2021-2 ED3	
DATE OF CIRCULATION: 2021-08-27	CLOSING DATE FOR VOTING: 2021-11-19
SUPERSEDES DOCUMENTS: 34B/2114/RR, 34B/2091/DC, 34B/2111/INF	

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 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.		☐ NOT SUBMITTED FOR CENELEC PARALLEL VOTING	

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:

Lamp caps and holders together with gauges for the control of interchangeability and safety - Proposal to add GJ6.6 fit systems to IEC 60061

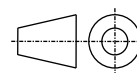
PROPOSED STABILITY DATE: 2024

NOTE FROM TC/SC OFFICERS:

This CDV is established by following the new maintenance procedure for the IEC 60061 series as agreed by SMB (see SMB/7262/QP and SMB/7262A/RV).

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CAPS
CULOTS
GJ6.6



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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 ..., see sheet 7005-....
Pour les détails de la douille ..., voir feuille 7005-....

This fit system consists of four configurations of lamp bases and lampholders to provide a connection system for double-ended tubular LED lamps used in new or modified luminaire construction. The system is designed for double-ended tubular LED lamps requiring mains or low-voltage power applied to one end, and provides electrical connections as well as a non-powered support cap. All configurations include a mechanical snap-in / compress-to-release feature that supports the weight of a lamp of up to 1000 grams without placing the load on the conducting pins. The four types and the typical application of each:

System Requirements:

Type	System configuration
All	For use with tubular LED lamps powered from one end only
All	This system is intended to support a maximum lamp mass of 1 000 g
GJ6.6t	Three-pin configuration for up to two current-carrying, 108 to 382 V AC mains conductors and a ground connection
GJ6.6d-1	Two-pin configuration for 108 to 382 V AC mains power without ground connection
GJ6.6d-2	Two-pin configuration for two low voltage conductors to a maximum of 30 V AC or 60 V DC
GJ6.6	Cap and holder for support of the non-powered end of a linear lamp

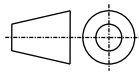
General Notes:

1. The dimensions shown in this standard apply to finished caps after assembly to lamps.

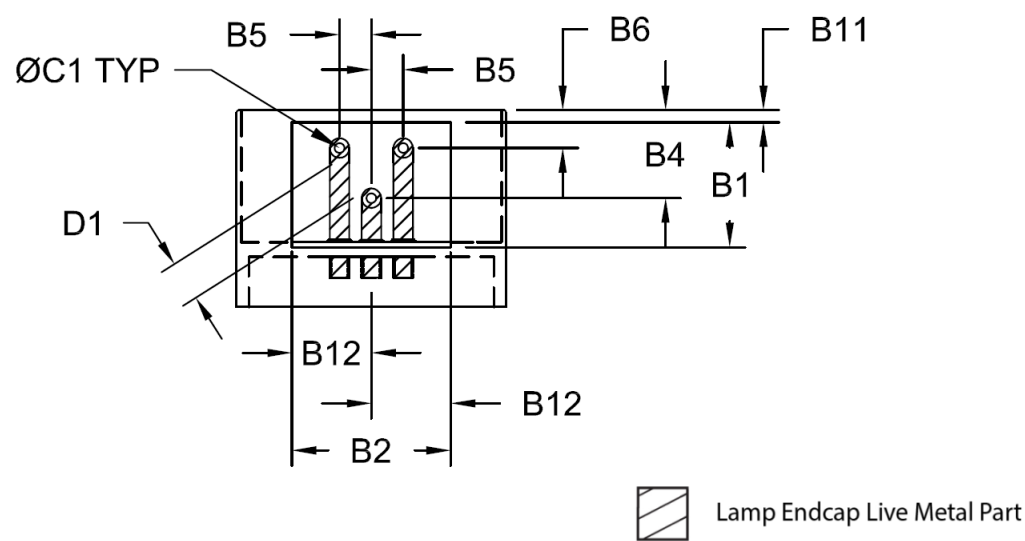
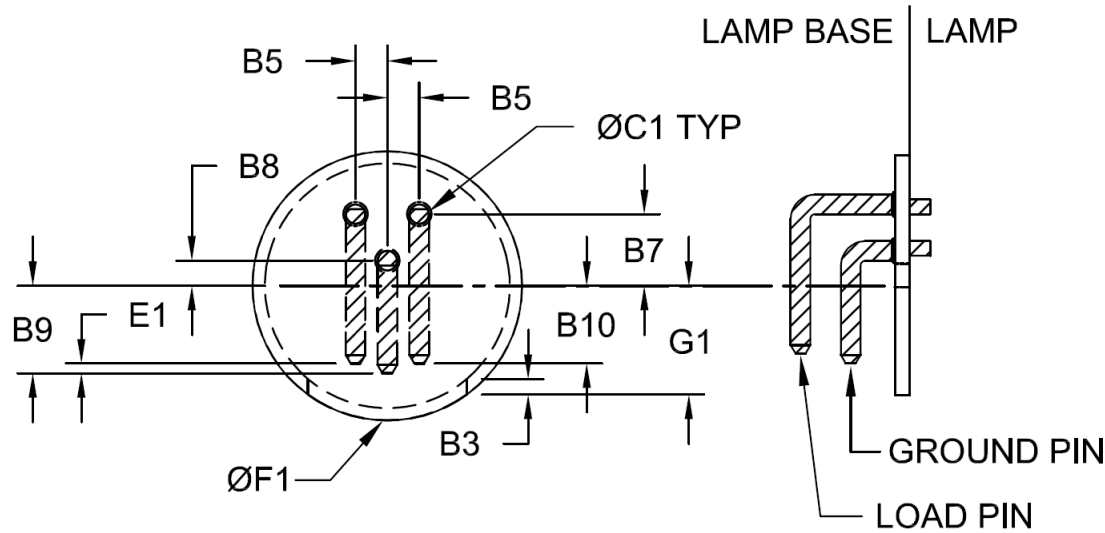
CAPS

CULOTS

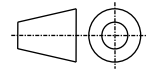
GJ6.6



Type: GJ6.6t



CAPS
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Dimensio n	Min	Max
B1	12.954	13.208
B2	16.408	16.535
B3	1.575	1.651
B4	9.144	9.398
B5	3.250	3.350
B6	3.810	4.064
B7	7.366	7.620
B8	2.540	2.794
B9	9.779	10.287
B10	8.382	8.890
B11	1.143	1.397
B12	8.204	8.255
C1	1.880	2.134
D1 (2)	4.216	4.470
E1	1.270	-
F1 (3)	27.940	
G1	11.150	11.400

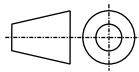
NOTES:

- (1) Electrical spacing between contacts (pins), and between any contact (pin) and any non-current carrying part, shall be at least 3.2 mm.
- (2) Lamp base creepage calculation = [D1]. D1 is shown for creepage calculations only.
- (3) F1 defines the maximum envelope material can extend below the plane set by G1 so as not to interfere with the lampholder.

CAPS

CULOTS

GJ6.6



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Type: GJ6.6d-1

