



SLOVENSKI STANDARD
oSIST prEN IEC 60061-PR2024-1:2024
01-julij-2024

Vznožki in okovi žarnic in sijalk skupaj s kalibri za kontrolo medsebojne zamenljivosti in varnosti - Predlog za GJ6.6d-2-x ustreza ključem v IEC 60061-1 (7004-188) in IEC 60061-2 (7005-188)

Lamp caps and holders together with gauges for the control of interchangeability and safety - Proposal for GJ6.6d-2-x fits with keys in IEC 60061-1 (7004-188) and IEC 60061-2 (7005-188)

iTeh Standards

(<https://standards.iteh.ai>)

Culots de lampes et douilles ainsi que calibres pour le contrôle de l'interchangeabilité et de la sécurité - Proposition pour assemblages gj6.6d-2-x avec détrompeurs dans l'IEC 60061-1 (7004-188) et l'IEC 60061-2 (7005-188)

oSIST prEN IEC 60061-PR2024-1:2024

Ta slovenski standard je istoveten z: prEN IEC 60061-PR2024-1:2024

ICS:

29.140.10 Grla in držala žarnic Lamp caps and holders

oSIST prEN IEC 60061-PR2024-1:2024 en



PROJECT NUMBER:

IEC 60061-PR2024-1 ED3

DATE OF CIRCULATION:

2024-06-07

CLOSING DATE FOR VOTING:

2024-08-30

SUPERSEDES DOCUMENTS:

34B/2192/RR

IEC SC 34B : LAMP CAPS AND HOLDERS	
SECRETARIAT: Germany	SECRETARY: Mr Hans Finke
OF INTEREST TO THE FOLLOWING COMMITTEES:	PROPOSED HORIZONTAL STANDARD: <input type="checkbox"/> Other TC/SCs are requested to indicate their interest, if any, in this CDV to the secretary.
FUNCTIONS CONCERNED: <input type="checkbox"/> EMC <input type="checkbox"/> ENVIRONMENT <input type="checkbox"/> QUALITY ASSURANCE <input checked="" type="checkbox"/> SAFETY	
<input checked="" type="checkbox"/> 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.	<input type="checkbox"/> NOT SUBMITTED FOR CENELEC PARALLEL VOTING

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TITLE:

Lamp caps and holders together with gauges for the control of interchangeability and safety - Proposal for GJ6.6d-2-x fits with keys in IEC 60061-1 (7004-188) and IEC 60061-2 (7005-188)

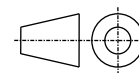
PROPOSED STABILITY DATE: 2027

NOTE FROM TC/SC OFFICERS:

This CDV follows 34B/2086/DC, 34B/2190/INF and 34B/2192/RR and covers an amendment for GJ6.6d-2-x fits with keys for caps in IEC 60061-1 (7004-188) and holders in IEC 60061-2 (7005-188).

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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 holders ..., see sheet 7005-....
Pour les détails des douilles ..., voir la feuille 7005-....

This fit system consists of four configurations of lamp caps 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 and compress-to-release feature that supports the weight of a lamp of up to 1 000 g without placing the load on the conducting pins. The four types and the typical application of each are:

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, 90 V AC to 382 V AC mains conductors and a protective earth connection
GJ6.6d-1	Two-pin configuration for 90 V AC to 382 V AC mains power without an earth connection
GJ6.6d-2-x	Two-pin configuration for a maximum voltage ≤ 50 V AC or ≤ 120 V DC with keys to ensure proper lamp current selection
GJ6.6	Cap and holder for support of the non-powered end of a linear lamp

General notes:

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

Ce système d'assemblage se compose de quatre configurations de socles de lampes et douilles pour fournir un système de connexion pour les lampes à LED tubulaires à deux culots utilisées dans la construction de luminaires neufs ou modifiés. Le système est conçu pour les lampes LED tubulaires à deux extrémités exigeant un réseau d'alimentation ou une source d'énergie basse tension appliquée à une extrémité, et comporte des connexions électriques ainsi qu'un culot de support non alimenté. Toutes les configurations comprennent une fonction mécanique d'encliquetage et de compression pour libération, ce qui permet de supporter le poids d'une lampe jusqu'à 1 000 g sans imposer de charge aux broches conductrices. Les quatre types et l'application typique de chacun sont décrits ci-après:

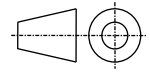
Exigences du système:

Type	Configuration du système
Tous	A utiliser avec des lampes LED tubulaires alimentées par une seule extrémité
Tous	Ce système est destiné à supporter une masse maximale de lampe de 1 000 g
GJ6.6t	Configuration à trois broches pour un maximum de deux conducteurs d'alimentation transportant le courant, compris entre 90 V et 382 V en courant alternatif et un raccordement à la terre
GJ6.6d-1	Configuration à deux broches pour une alimentation réseau en courant alternatif compris entre 90 V et 382 V sans raccordement à la masse
GJ6.6d-2-x	Configuration à deux broches pour une valeur maximale en ≤ 50 V en courant alternatif ou ≤ 120 V en courant continu
GJ6.6	Culot et douille pour le support de l'extrémité non alimentée d'une lampe linéaire

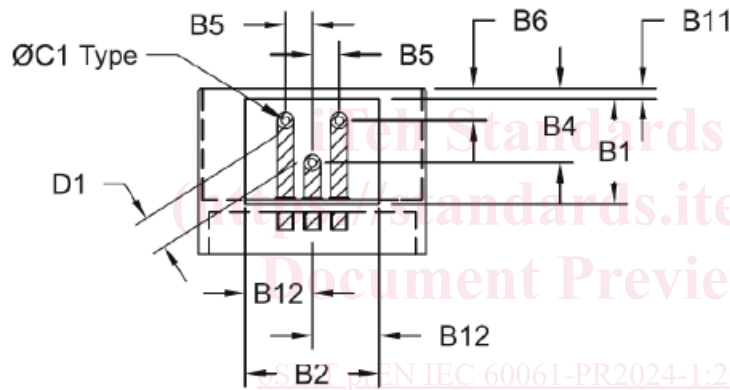
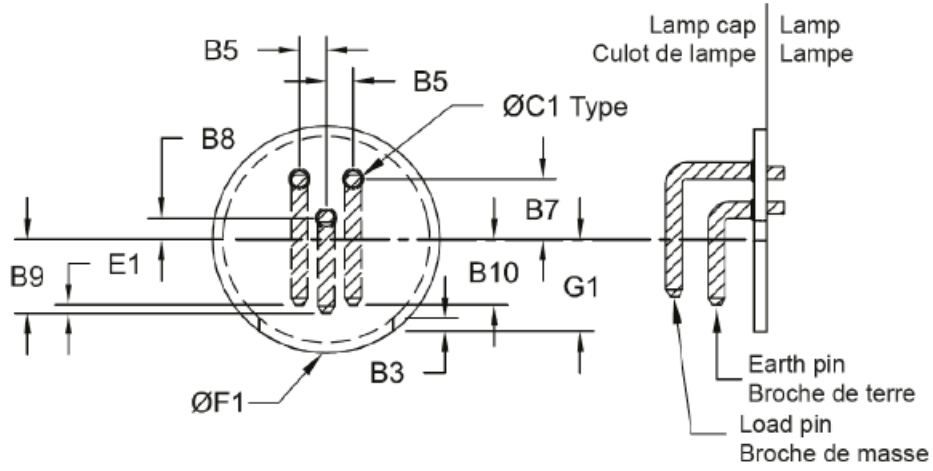
Notes générales

1 Les dimensions indiquées dans cette norme s'appliquent aux culots terminés après assemblage sur les lampes.

CAPS
CULOTS
GJ6.6



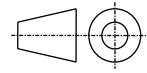
Type: GJ6.6t



 Lamp cap live metal part
Pièce métallique active du culot de la lampe

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CAPS
CULOTS
GJ6.6



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Dimension	Min	Max
B1	13,0	13,2
B2	16,4	16,5
B3	1,6	1,7
B4	9,1	9,4
B5	3,2	3,4
B6	3,8	4,1
B7	7,4	7,6
B8	2,5	2,8
B9	9,8	10,3
B10	8,4	8,9
B11	1,1	1,4
B12	8,2	8,3
C1	1,9	2,1
D1 (1)	4,2	4,5
E1	1,3	-
F1 (2)	27,9	
G1	11,1	11,4

NOTES:

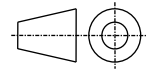
- (1) Lamp cap creepage calculation = [D1]. D1 is shown for creepage calculations only.
 (2) F1 defines the maximum envelope material that can extend below the plane set by G1 so as not to interfere with the lampholder.

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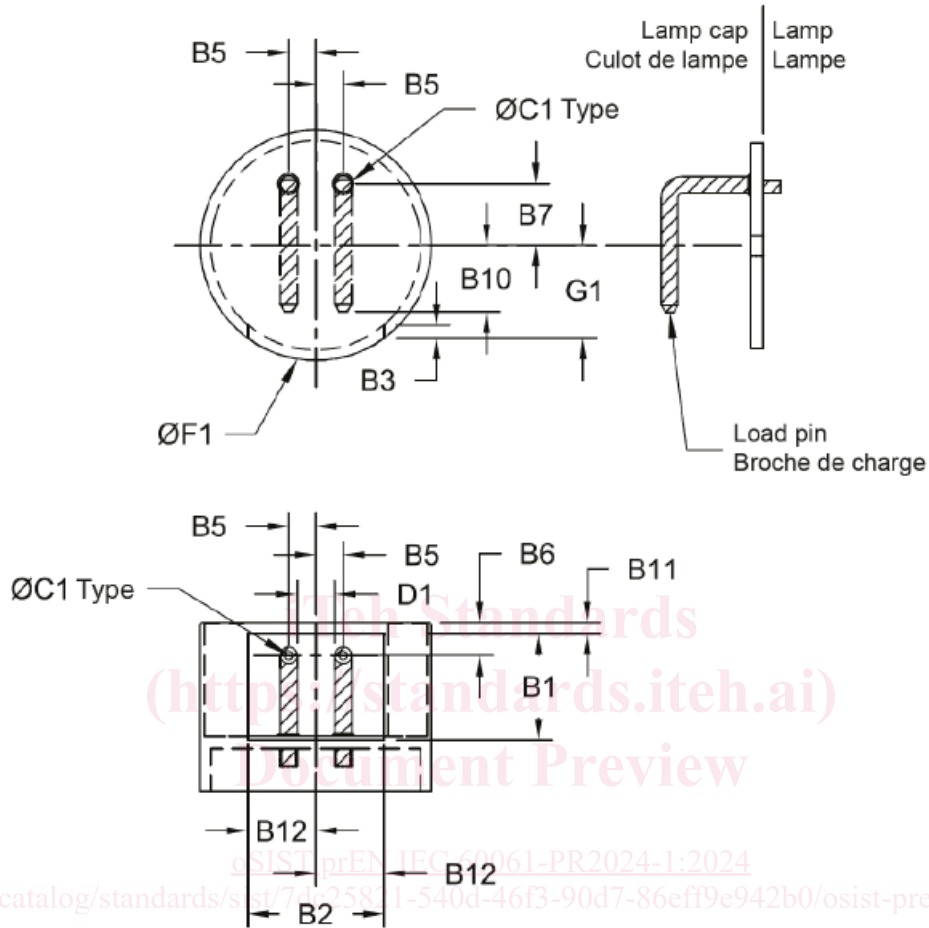
NOTES:


- (1) Calcul de la ligne de fuite du socle de lampe = [D1]. D1 est indiqué pour les calculs de la ligne de fuite uniquement.
 (2) F1 définit la valeur maximale de matériau de l'enveloppe qui peut se prolonger en dessous du plan déterminé par G1 afin de ne pas affecter la douille.

CAPS
CULOTS
GJ6.6



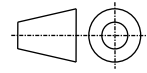
Type: GJ6.6d-1



 Lamp cap live metal part
 Partie métallique active du culot
 de la lampe

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CAPS
CULOTS
GJ6.6



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Dimension	Min	Max
B1	13,0	13,2
B2	16,4	16,5
B3	1,6	1,7
B5	3,2	3,4
B6	3,8	4,1
B7	7,4	7,6
B10	8,4	8,9
B11	1,1	1,4
B12	8,2	8,3
C1	1,9	2,1
D1 (1)	4,2	-
F1 (2)	27,9	
G1	11,1	11,4

NOTES:

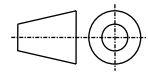
- (1) Lamp cap creepage calculation = [D1]. D1 reference for creepage calculations only.
 (2) F1 defines the maximum envelope material that can extend below the plane set by G1 so as not to interfere with the lampholder.

NOTES:

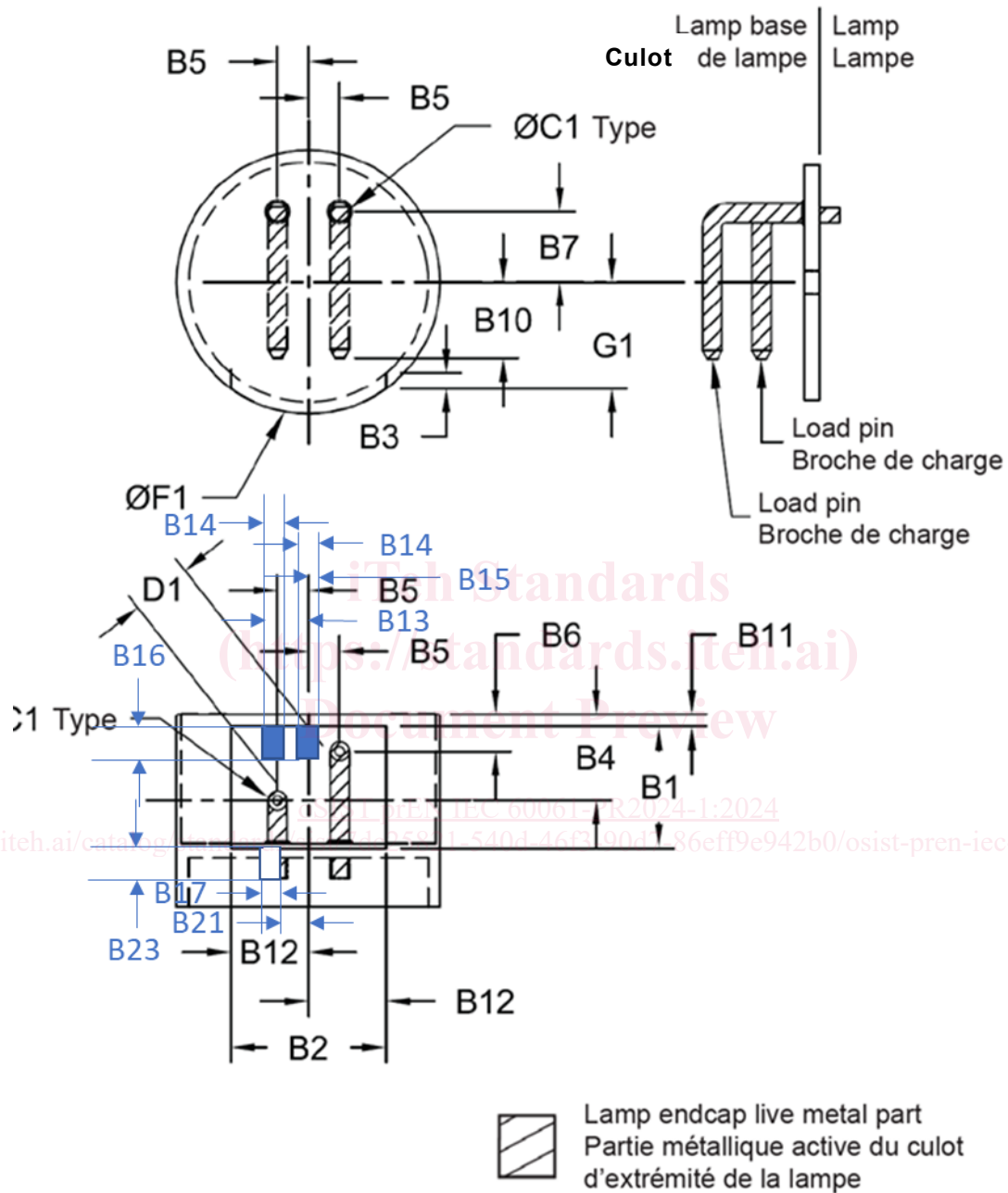
- (1) Calcul de la ligne de fuite du socle de lampe = [D1]. D1 référence concernant les calculs de la ligne de fuite uniquement.
 (2) F1 définit la valeur maximale de matériau de l'enveloppe qui peut se prolonger en dessous du plan déterminé par G1 afin de ne pas affecter la douille.

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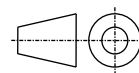
CAPS
CULOTS
GJ6.6d



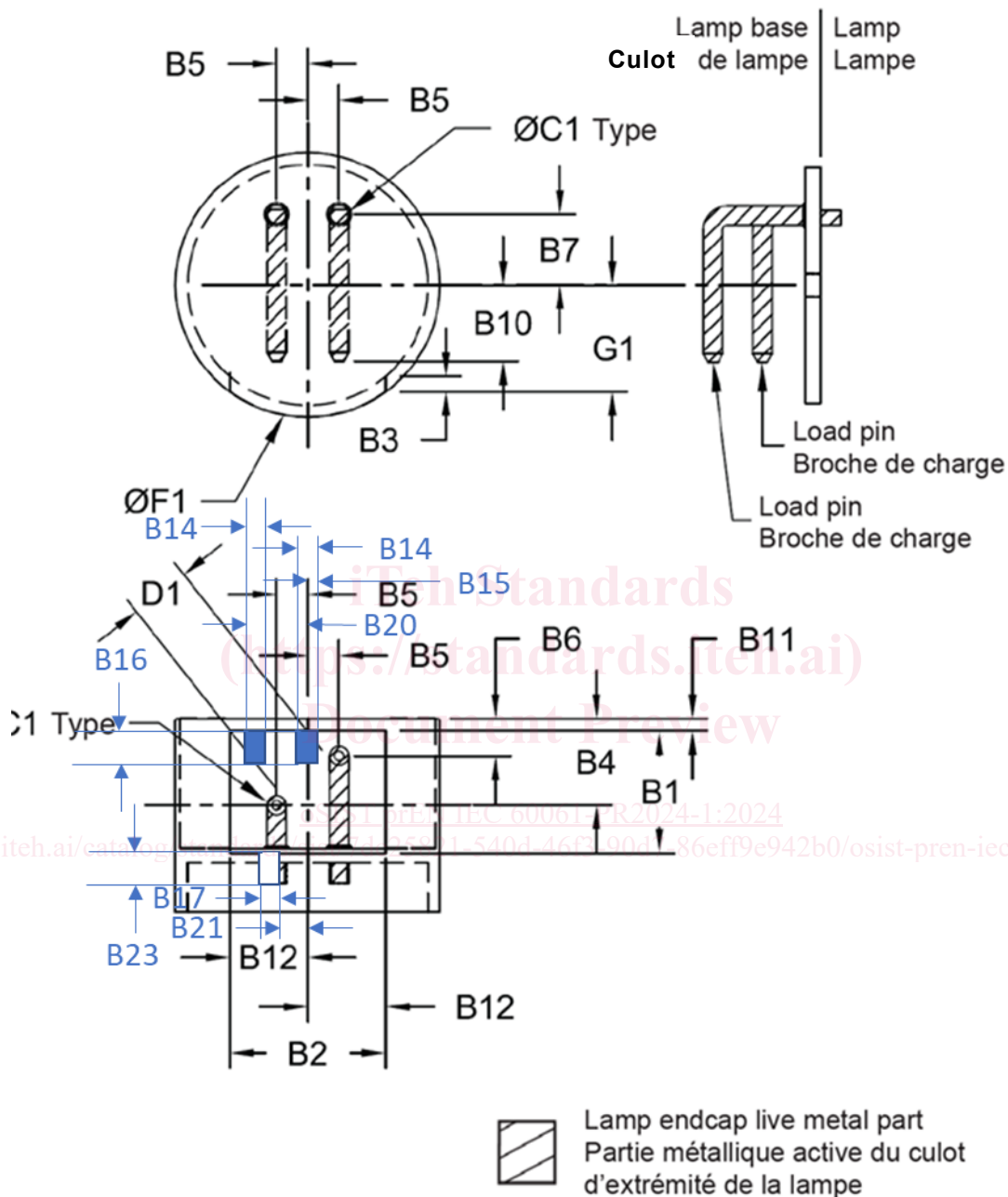
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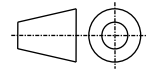
CAPS
CULOTS
GJ6.6d



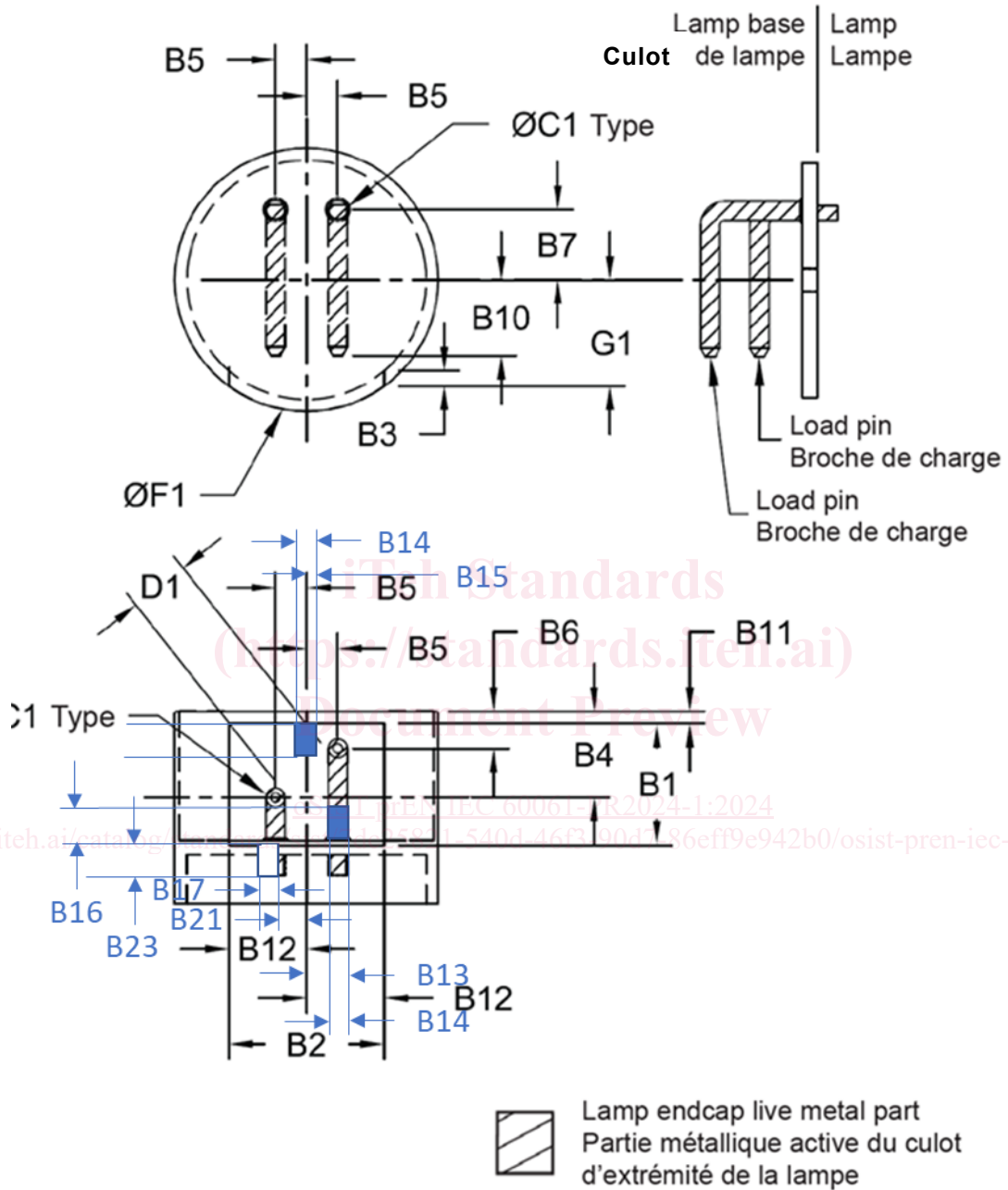
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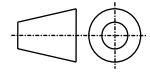
CAPS
CULOTS
GJ6.6d



Type: GJ6.6d-2-3



CAPS
CULOTS
GJ6.6d



Type: GJ6.6d-2-4

