



भारतीय मानक ब्यूरो

(उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय, भारत सरकार)

**BUREAU OF INDIAN STANDARDS**

(Ministry of Consumer Affairs, Food & Public Distribution, Govt. of India)

मानक भवन, 9 बहादुरशाह जफर मार्ग नई, दिल्ली-110002  
Manak Bhavan, 9 Bahadur Shah Zafar Marg, New Delhi-110002  
Phones: 23230131 / 23233375 / 23239402  
Website: www.bis.org.in, www.bis.gov.in

## DRAFT INDIAN STANDARD IN WIDE CIRCULATION

Reference : ETD/23/T

Date : 10 January 2025

**TECHNICAL COMMITTEE : Lamps and Related Equipments, ETD 23**

To,

All concerned

Dear Madam/Sir,

The following document has been prepared by the Lamps and Related Equipments Sectional Committee, ETD 23. Please [click here](#) to view the document.

**Document Number : ETD 23 (26232) WC**

**Title of the document : Self-Ballasted LED Lamps for General Lighting Services Part 1 Safety Requirements (First Revision)**

**Document Type : Revision of Indian Standard (IS 16102 : Part 1 : 2012)**

*This document has following salient features which may require specific attention for your valuable comments:*

1) *This Standard specifies the safety and interchangeability requirements, together with the test methods and conditions required to show compliance of LED-lamps with integrated means for stable operation (self-ballasted LED-lamps), intended for domestic and similar general lighting purposes, having: - a rated wattage up to 60 W; - a rated voltage of > 50 V up to 250 V; - caps according to Table 1. The contents of the corrigendum 1 of January 2012, the corrigendum 2 of July 2015 and the corrigendum of Amendment 1 of June 2015 have been included in this copy. This consolidated version consists of the first edition (2011) and its amendment 1 (2015).*

Please examine the document and share your comments regarding further improvement in the document.

**Last date for sharing the comments is : 09 February 2025**

The comments should be shared in the prescribed template through this portal only; and the comments so received shall be taken up by the Sectional Committee for necessary action. For any other query, please write an email at [eetd@bis.gov.in](mailto:eetd@bis.gov.in) to the undersigned at Bureau of Indian Standard, Manak Bhawan, 9, Bahadur Shah Zafar Marg, New Delhi.

In case no comments are received, we would presume your approval of the documents. However, in case we receive any comments on the document, the same shall be put up to the Sectional Committee for necessary action.

Thanking You,

**Yours faithfully,**  
**(ASIT KUMAR MAHARANA)**  
**Head (Electrotechnical Department)**  
**Email: [eetd@bis.gov.in](mailto:eetd@bis.gov.in)**



## व्यापक परिचालन में मसौदा(दे)

हमारा सन्दर्भ : ETD/23/T

दिनांक : 10-01-2025

**तकनीकी समिति : Lamps and Related Equipments Sectional Committee, ETD 23**

प्राप्तकर्ता : रूचि रखने वाले सभी निकाय

महोदय/या,

निम्नलिखित मसौदा तैयार किया गया है :

प्रलेख संख्या : ETD 23 (26232) WC

शीर्षक :

कृपया इस/इन मानक(को)/संशोधन(नो) के मसौदे(दो) का अवलोकन करें और अपनी सम्मतियाँ यह बताते हुए भेजें कि यदि ये मानक(को) के संशोधन(नो) के रूप में प्रकाशित हो तो इन पर अमल करने में आपके व्यवसाय अथवा कारोबार में क्या कठिनाइयां आ सकती हैं।

**सम्मतियाँ भेजने की अंतिम तिथि : 09 February 2025**

सम्मतियाँ, यदि कोई हों तो, कृपया यहाँ क्लिक करके ऑनलाइन पोर्टल के माध्यम से ऊपर दी गयी अंतिम तिथि तक दर्ज कराएं।

यह/ये प्रलेख भारतीय मानक ब्यूरो की वेबसाइट [www.bis.gov.in](http://www.bis.gov.in) पर भी उपलब्ध है/हैं।

धन्यवाद।

भवदीय,

विभाग प्रमुख का नाम : ASIT KUMAR MAHARANA  
(Electrotechnical Department)

ई-मेल : [eetd@bis.gov.in](mailto:eetd@bis.gov.in)

