



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)

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## DRAFT INDIAN STANDARD IN WIDE CIRCULATION

Reference : T-124

Date : 18 December 2024

**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 (27111) WC**

**Title of the document : LED Modules for General Lighting Part 2 Performance Requirements (First Revision)**

**Document Type : Revision of Indian Standard (IS 16103 : Part 2 : 2012)**

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

1) This Standards includes the following significant technical changes with respect to IEC PAS 62717. • all terms and definitions are aligned with IEC 62504 and relevant documents of CIE. For example, general terms like "rated value" are shifted to IEC 62504. • a statement on the applicability on a population is included. • the normative references are completed and cleaned from standards that are not in use. • with regard to EMC, references to harmonic currents are given. • the change, which has an effect on most parts of the standard, is the split of failure mechanisms into abrupt failures and luminous flux depreciation. Consequently, new terms and definitions, new requirements for lumen maintenance and a complete new structure and contents of Annex C are introduced. • transition from  $t_{pmax}$  to  $t_{prated}$  is made, with the background that there is not one  $t_{pmax}$ , but a choice of  $t_{prated}$  values, in combination with lifetime. the requirements on luminous efficacy are changed.

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

**Last date for sharing the comments is : 17 January 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 : T-124

दिनांक : 18-12-2024

**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 (27111) 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 : 17 January 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

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