

**BUREAU OF INDIAN STANDARDS**  
**DRAFT FOR COMMENTS ONLY**

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*Draft Indian Standard*

**Luminaires Part 5: Particular requirements Section 6: Handlamps**

*(First Revision)*

(ICS 29.140. 40)

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Illumination Engineering and Luminaries  
Sectional Committee, ETD 49

Last date for comments- 18/01/2024

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NATIONAL FOREWORD

This draft Indian Standard (Part 5/Sec 6) (First Revision) which is identical with IEC 60598-2-8: 2013 'Luminaires - Part 2-8: Particular requirements - Handlamps' issued by the International Electrotechnical Commission (IEC) will be adopted by the Bureau of Indian Standards on the recommendation of the Illumination Engineering and Luminaries Sectional Committee and approval of the Electrotechnical Division Council.

This standard was originally published in year 2013 to align it with the IEC 60598-2-8: 1996. The first revision has been undertaken to align it with the latest version of IEC 60598-2-8: 2013.

This standard covers only the safety requirements of handlamps.

This standard (Part 5/Sec 6) is one among the series of Indian Standards which deals with luminaries. The other parts and sections are as follows:

Part 1	General requirements
Part 5	Particular requirements
Section 1	Fixed general purpose luminaires
Section 2	Recessed luminaires
Section 3	Luminaires for road and street lighting.
Section 4	Portable general purpose luminaires
Section 5	Flood lights
Section 7	Lighting chains
Section 8	Luminaires for emergency lighting

The text of the IEC Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- a) Wherever the words 'International Standard' appears referring to this standard, they

should be read as ‘Indian Standard’.

- b) Comma (,) has been used as a decimal marker, while in Indian Standards the current practice is to use a point (.) as the decimal marker.

In this adopted standard, reference appears to International Standards for which Indian Standards also exists. The corresponding Indian Standards, which are to be substituted, are listed below along with their degree of equivalence for the editions indicated:

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
IEC 60598-1, Luminaires – Part 1: General requirements and tests	ETD/49/25743 Luminaires: Part 1 general requirements and tests (second revision) (IEC 60958-1: 2024, Mod)	Modified

The technical committee has reviewed the provision of the following International Standard referred in this adopted standard and has decided that it is acceptable for use in conjunction with this standard:

<i>International Standard</i>	<i>Title</i>
IEC 60227 (all parts)	Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V
IEC 60245 (all parts)	Rubber insulated cables – Rated voltages up to and including 450/750 V

Only English language text has been retained while adopting it in this Indian Standard, and as such the page numbers given here are not the same as in the International Standard.

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated expressing the result of a test, shall be rounded off in accordance with IS 2: 2022 ‘Rules for rounding off numerical values (*second revision*)’. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

NOTE — The technical content of their document has not been enclosed as there are identical with the corresponding IEC standards for details, please refer the corresponding IEC 60598-2-8: 2013 or kindly contact:

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