

BUREAU OF INDIAN STANDARDS
DRAFT FOR COMMENTS ONLY

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Draft Indian Standard

**Luminaires –
Part 2 Particular requirements
Section 18 Luminaires for swimming pools and similar applications**

(ICS 29.140.40; 97.220.10)

Illumination Engineering and Luminaires
Sectional Committee, ETD 49

Last date for comments-21/12/2024

NATIONAL FOREWORD

This draft Indian Standard which is Identical with IEC 60598-2-18: 2022 ‘Luminaires – Part 2-18: Particular requirements – Luminaires for swimming pools and similar applications’ issued by the International Electrotechnical Commission (IEC) will be adopted by the Bureau of Indian Standards on the recommendation of the Illumination Engineering and Luminaires Sectional Committee and approval of the Electrotechnical Division Council.

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	IS 10322 (Part 1) : 2014 Luminaires: Part 1 general requirements and tests (<i>first revision</i>)	Modified/Technically Equivalent

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 60364-7-702	Low-voltage electrical installations – Part 7-702: Requirements for special installations or locations – Swimming pools and fountains
EN 50525-2-21: 2011	Electric cables – Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) – Part 2-21: Cables for general applications – Flexible cables

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 60598-2-18: 2022 or kindly contact:

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