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Draft Indian Standard

Luminaires for swimming pools and similar applications

Illumination Engineering and Luminaires
Sectional Committee ETD 49

Last Date of Comments: 13 June 2024

NATIONAL FOREWORD

This draft Indian Standard which is identical with IEC 60598-2-18 ‘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 Low Voltage Switchgear and Controlgear 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 (First Revision)	Technically equivalent

The technical committee has reviewed the provisions of the following international standards referred in this adopted standard and decided that they are acceptable for use in conjunction with this standard.

International Standard	Title
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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 with crosslinked elastomeric insulation

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 (revised)’. 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 the document is not available on website. For details, please refer the corresponding IEC 60360 or kindly contact the undersigned:

Neha Agarwal
Scientist ‘C’/ Deputy Director
Electrotechnical Department
Bureau of Indian Standards
Email: eetd@bis.gov.in