

**SLOVENSKI STANDARD  
SIST EN IEC 60598-2-18:2022****01-november-2022****Nadomešča:****SIST EN 60598-2-18:1995****SIST EN 60598-2-18:1995/A1:2012**

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**Svetilke - 2-18. del: Posebne zahteve - Svetilke za bazene in podobno uporabo (IEC 60598-2-18:2022)**

Luminaires - Part 2-18: Particular requirements - Luminaires for swimming pools and similar applications (IEC 60598-2-18:2022)

Leuchten - Teil 2: Besondere Anforderungen - Hauptabschnitt 18: Leuchten für Schwimmbecken und ähnliche Anwendungen (IEC 60598-2-18:2022)

Luminaires - Partie 2-18: Exigences particulières - Luminaires pour piscines et usages analogues (IEC 60598-2-18:2022)

**Ta slovenski standard je istoveten z: EN IEC 60598-2-18:2022****ICS:**

29.140.40	Svetila	Luminaires
97.220.10	Športni objekti	Sports facilities

**SIST EN IEC 60598-2-18:2022 en**



EUROPEAN STANDARD

**EN IEC 60598-2-18**

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2022

ICS 29.140.40; 97.220.10

Supersedes EN 60598-2-18:1994;  
EN 60598-2-18:1994/corrigendum May 1996;  
EN 60598-2-18:1994/A1:2012

English Version

**Luminaires - Part 2-18: Particular requirements - Luminaires for  
swimming pools and similar applications  
(IEC 60598-2-18:2022)**Luminaires - Partie 2-18: Exigences particulières -  
Luminaires pour piscines et usages analogues  
(IEC 60598-2-18:2022)Leuchten - Teil 2: Besondere Anforderungen -  
Hauptabschnitt 18: Leuchten für Schwimmbecken und  
ähnliche Anwendungen  
(IEC 60598-2-18:2022)

This European Standard was approved by CENELEC on 2022-09-21. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

**EN IEC 60598-2-18:2022 (E)****European foreword**

The text of document 34D/1663/FDIS, future edition 3 of IEC 60598-2-18, prepared by SC 34D "Luminaires" of IEC/TC 34 "Lighting" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60598-2-18:2022.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2023-06-21
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2025-09-21

This document supersedes EN 60598-2-18:1994 and all of its amendments and corrigenda (if any).

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**iTeh STANDARD PREVIEW**  
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**(standards.itih.ai)**

The text of the International Standard IEC 60598-2-18:2022 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 61558 (series) NOTE Harmonized as EN 61558 (series)

## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: [www.cenelec.eu](http://www.cenelec.eu).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60598-1	-	Luminaires - Part 1: General requirements and tests	EN IEC 60598-1	-
IEC 60364-7-702	-	Low-voltage electrical installations - Part 7-702: Requirements for special installations or locations - Swimming pools and fountains	HD 60364-7-702	-
-	-	Electric cables - Low voltage energy cables of rated voltages up to and including 450/750 V (U <sub>o</sub> /U) - Part 2-21: Cables for general applications - Flexible cables with crosslinked elastomeric insulation	EN 50525-2-21	2011





# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

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

**Luminaires –**  
**Partie 2-18: Exigences particulières – Luminaires pour piscines et usages analogues**

INTERNATIONAL  
ELECTROTECHNICAL  
COMMISSION

COMMISSION  
ELECTROTECHNIQUE  
INTERNATIONALE

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

## LUMINAIRES –

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

## FOREWORD

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IEC 60598-2-18 has been prepared by subcommittee 34D: Luminaires, of IEC technical committee 34: Lighting. It is an International Standard.

This third edition cancels and replaces the second edition published in 1993 and Amendment 1:2011. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) references to Part 1 have been updated;
- b) some subclauses have been renumbered;
- c) the standard has been redrafted such that it is applicable to both filament lamps and LED light sources;
- d) marking requirements have been updated and 18.5.3 of the previous edition has been deleted;

- e) 18.10.3 of the previous edition has been deleted, as it is no longer relevant, following the update of requirements for cross-sectional areas of external and internal cables in Section 5 of Part 1;
- f) 18.10.4 and 18.10.5 of the previous edition renumbered as 18.11.4 and 18.11.5 in this edition have been adapted to allow the use of an alternative waterproof multi-core cable that conforms to the waterproof test of Annex D and Annex E of EN 50525-2-21:2011 or to an equivalent regional standard;
- g) in 18.11 (18.10 in the previous edition), the cross-sectional area of wiring has been aligned with Part 1;
- h) in 18.11 (18.10 in the previous edition), the types of cables have been updated with alternative regional cables.

The text of this International Standard is based on the following documents:

Draft	Report on voting
34D/1663/FDIS	34D/1667/RVD

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at [www.iec.ch/members\\_experts/refdocs](http://www.iec.ch/members_experts/refdocs). The main document types developed by IEC are described in greater detail at [www.iec.ch/standardsdev/publications](http://www.iec.ch/standardsdev/publications).

This Part 2-18 is to be used in conjunction with the latest edition of IEC 60598-1 and its amendment(s). It was established on the basis of the ninth edition (2020) of that standard.

NOTE 1 When "Part 1" is mentioned in this document, it refers to IEC 60598-1.

NOTE 2 In this document, the following print type is used:

- compliance statements: *in italic type*.

A list of all parts in the IEC 60598 series, published under the general title *Luminaires* can be found on the IEC website.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under [webstore.iec.ch](http://webstore.iec.ch) in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.