

DRAFT SAINT LUCIA NATIONAL STANDARD

DNS/IEC 60598-1: 2014

**LUMINAIRES — PART 1: GENERAL REQUIREMENTS AND TESTS
(IEC 60598-1: 2014, IDT)**

Stage 40 – Enquiry Stage

Edition 2.0

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**THIS IS AN IDENTICAL ADOPTION OF INTERNATIONAL
ELECTROTECHNICAL COMMISSION STANDARD, IEC 60598-1: 2014**

GENERAL STATEMENT

The Saint Lucia Bureau of Standards was established under the Standards Act (No. 14 of 1990) and started operations on 01 April 1991. A broad-based 15-member Standards Council directs the affairs of the Bureau.

The Standards Act gives the Bureau the responsibility to develop and promote standards and codes of practice for products and services for the protection of the health and safety of consumers and the environment as well as for industrial development in order to promote the enhancement of the economy of Saint Lucia. The Bureau develops standards through consultations with relevant interest groups. In accordance with the provisions of the Standards Act, public comment is invited on all draft standards before they are declared as Saint Lucia National Standards.

The Bureau also administers the Metrology Act No. 17 of 2000. This legislation gives the Bureau the responsibility to regulate all weights and measures and to manage and co-ordinate the metrication of Saint Lucia.

The Bureau operates a Product Certification Scheme applicable to all products for which national standards exist. If a product satisfies all the requirements for certification, a licence to carry the **Saint Lucia Standard Mark** is issued to the manufacturer of the product. The presence of the mark on a product indicates that the product conforms to all the requirements of a specific national standard and assures consistent quality (of the product) to the consumer.

The Bureau is a member body of the International Organisation for Standardisation (ISO), an affiliate member of the International Electrotechnical Commission (IEC) and a member of the CARICOM Regional Organisation for Standards and Quality (CROSQ) and the Pan American Standards Commission (COPANT). The Bureau is the local agent for several foreign standards bodies such as the British Standards Institution (BSI) and the ASTM International (formerly known as the American Society for Testing and Materials). The Bureau serves as the enquiry point for the World Trade Organisation (WTO) on matters pertaining to the Technical Barriers to Trade (TBT) Agreement. The Bureau also serves as the National CODEX Alimentarius enquiry point with responsibility for coordinating national positions on CODEX matters.

In accordance with good practice for the adoption and application of standards, Saint Lucia National Standards are subject to review every five years. Suggestions for improvements are always welcomed at any time after publication of the standard.

**LUMINAIRES — PART 1: GENERAL REQUIREMENTS AND TESTS
(IEC 60598-1: 2014, IDT)***AMENDMENTS ISSUED SINCE LAST PUBLICATION*

Amendment No.	Date of issue	Type of Amendment	Text(s) Affected

ENQUIRY STAGE MARCH 2018

ATTACHMENT PAGE FOR SLBS AMENDMENT SHEET

ENQUIRY STAGE MARCH 2018

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**LUMINAIRES — PART 1: GENERAL REQUIREMENTS AND TESTS
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TECHNICAL COMMITTEE FOR ELECTRICAL AND ELECTRONICS

The following persons comprised the Technical Committee responsible for overseeing the adoption of this standard:

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National foreword

This national standard *SLNS/ IEC 60598-1: 2014* is an identical adoption of *IEC 60598-1:2014 Luminaires - Part 1: General requirements and tests*. This edition of *SLNS/ IEC 60598-1: 2014* replaces the previously adopted *SLNS/ BS EN 60598-1: 2008 Luminaires Part 1- General requirements* which was adopted in February 2010. This version was adopted by the national Standards Council as an identical IEC standard on...

Luminaires are described as complete lighting units consisting of a lamp or lamps, together with the parts designed to distribute the light, to position and protect the lamps, and to connect the lamps to the power supply. The manufacturing of luminaires began soon after production of the incandescent light bulb. Practical uses of fluorescent lighting were realized after 1924 and uses of luminaires have become permanent. Luminaires are used throughout the length and breadth of Saint Lucia for lighting purposes. It is one of the most imported commodities and has a high usage rate among the consuming public, who require lighting for domestic, commercial, and public use. Luminaires are used to light our homes, office buildings, schools, highways and public areas at night. They are also used for domestic purposes. Luminaires may also have safety implications, considering the fact that electricity is intricate in its use and function, as well as because of the materials inherent in the technology. Luminaire quality is of significant concern to electricians, consumer and consumer groups, as well as regulators, including the Ministry of Commerce and the Saint Lucia Bureau of Standards. Due to the importance of this commodity to the market, as well as safety issues, it is necessary that a standard exists to protect the public and for the general welfare of Saint Lucia.

SLNS/IEC 60598-1:2014 specifies general requirements for luminaires, incorporating electric light sources for operation from supply voltages up to 1 000 V. The requirements and related tests of this standard cover: classification, marking, mechanical construction, electrical construction and photobiological safety. This edition cancels and replaces the seventh edition published in 2008. This edition constitutes a technical revision and includes the following significant technical changes with respect to the previous edition:

- a) requirements to support the construction methods for new LED luminaires entering the market;
- b) photobiological requirements extended;
- c) more precise requirements for insulation between different types of electrical circuit;
- d) other general updates and improvements. The contents of the corrigenda of October 2015, of December 2015, of May 2017 and interpretation sheet 1 of May 2016 have been included in this copy.

Throughout the text of this standard where reference is made to “International Standard” it shall be taken to mean “National Standard” having been adopted as a Saint Lucia National Standard without deviation.

NOTICE

Given Copyright agreement with the International Electrotechnical Commission (IEC) we are unable to circulate the full text of this standard for public voting and perusal via electronic distribution.

Only informative sections of the standards are publically available ONLINE.

To access the full text/content of this standard please contact the Saint Lucia Bureau of Standards for more information to obtain a copy of the full text available to you for comment.

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