



CSA C22.2 No. 250.4:23
National Standard of Canada



Portable luminaires



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Preface

This is the third edition of CSA C22.2 No. 250.4, *Portable luminaires*, one of a series of Standards issued by CSA Group under Part II of the *Canadian Electrical Code*. It supersedes the previous editions published in 2020 and 2014.

This Standard contains specific requirements for portable luminaires and is intended to be used together with the requirements for luminaires contained in CSA C22.2 No. 250.0.

The major changes to this edition include

- a) the removal of Annex AA;
- b) revisions to the requirements for luminaires powered by rechargeable batteries to exclude luminaires requiring compliance to CSA C22.2 No. 250.5 (Clauses [1.2](#), [1.3](#), [13.6](#), [13.7](#), and [13.8.1](#));
- c) updates in accordance with CSA C22.2 No. 250.0:21 (Clauses [5.10.12](#), [5.10.14](#), [6.10](#), [6.11.2](#), [6.16](#), [6.20](#), [8.6.5](#), [10.7](#), [13.5.8](#), [15.108](#), [17.111](#), [17.112](#), [18.103](#), [18.105](#), and [20.2.2](#), Table [18.105.1](#), and Annex [K](#));
- d) additional requirements for LED luminaires (Clauses [10.101](#), [10.102](#), and [10.103](#));
- e) revision to the requirements for clamp-on luminaires (Clauses [13.3.4](#) and [17.110](#));
- f) addition of a note for waiving the maximum tipping moment test for a direct plug-in device (Clause [11.103](#)); and
- g) revision to the load test requirements for handlamps and external ring hangers (Clauses [5.11.103](#) and [13.4.4.1](#)).

For general information on the Standards of the *Canadian Electrical Code, Part II*, see the Preface of CSA C22.2 No. 0, *General requirements — Canadian Electrical Code, Part II*.

This Standard is considered suitable for use for conformity assessment within the stated scope of the Standard.

This Standard was prepared by the Integrated Committee on Lighting Products, under the jurisdiction of the Technical Committee on Consumer and Commercial Products and the Strategic Steering Committee on Requirements for Electrical Safety, and has been formally approved by the Technical Committee.

This Standard has been developed in compliance with Standards Council of Canada requirements for National Standards of Canada. It has been published as a National Standard of Canada by CSA Group.

Interpretations: The Strategic Steering Committee on Requirements for Electrical Safety has provided the following direction for the interpretation of standards under its jurisdiction: “The literal text shall be used in judging compliance of products with the safety requirements of this Standard. When the literal text cannot be applied to the product, such as for new materials or construction, and when a relevant committee interpretation has not already been published, CSA Group’s procedures for interpretation shall be followed to determine the intended safety principle”.

Notes:

- 1) *Use of the singular does not exclude the plural (and vice versa) when the sense allows.*
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- 3) *This Standard was developed by consensus, which is defined by CSA Policy governing standardization — Code of good practice for standardization as “substantial agreement. Consensus implies much more than a simple majority, but not necessarily unanimity”. It is consistent with this definition that a member may be included in the Technical Committee list and yet not be in full agreement with all clauses of this Standard.*