

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

**Energy performance of lamp controlgear –  
Part 1: Controlgear for fluorescent lamps – Method of measurement to determine  
the total input power of controlgear circuits and the efficiency of controlgear**

**Performance énergétique des appareillages de lampes –  
Partie 1: Appareillages des lampes à fluorescence – Méthode de mesure pour  
la détermination de la puissance d'entrée totale des circuits d'appareillage et du  
rendement des appareillages**



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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**ENERGY PERFORMANCE OF LAMP CONTROLGEAR –****Part 1: Controlgear for fluorescent lamps –  
Method of measurement to determine the total input power  
of controlgear circuits and the efficiency of controlgear**

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IEC 62442-1 has been prepared by subcommittee 34C: Auxiliaries for lamps, of IEC technical committee 34: Lighting. It is an International Standard.

This third edition cancels and replaces the second edition published in 2018. This edition constitutes a technical revision.

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

- a) this edition has been harmonized with IEC 62442-2 and IEC 62442-3;
- b) the reference to and use of the measurement methods for non-active power consumption in accordance with IEC 63103 have been added.

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

Draft	Report on voting
34C/1545/FDIS	34C/1548/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).

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