

INTERNATIONAL STANDARD

NORME INTERNATIONALE



Miscellaneous lampholders –

Part 2-3: Particular requirements – Lampholders for double-capped linear LED lamps

Douilles diverses pour lampes –

Partie 2-3: Exigences particulières – Douilles pour lampes LED linéaires à deux culots



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INTERNATIONAL ELECTROTECHNICAL COMMISSION

MISCELLANEOUS LAMPHOLDERS –Part 2-3: Particular requirements –
Lampholders for double-capped linear LED lamps

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IEC 60838-2-3 edition 1.1 contains the first edition (2016-05) [documents 34B/1851/FDIS and 34B/1857/RVD] and its amendment 1 (2023-04) [documents 34B/2150/CDV and 34B/2167/RVC].

In this Redline version, a vertical line in the margin shows where the technical content is modified by amendment 1. Additions are in green text, deletions are in strikethrough red text. A separate Final version with all changes accepted is available in this publication.

International Standard IEC 60838-2-3 has been prepared by subcommittee 34B: Lamp caps and holders, of IEC technical committee 34: Lamps and related equipment.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

This Part 2-3 is to be used in conjunction with the latest edition of IEC 60838-1 and its amendments. It was established on the basis of the fifth edition (2016) of that standard.

A list of all parts in the IEC 60838 series, published under the general title *Miscellaneous lampholders*, can be found on the IEC website.

In this standard the following print types are used:

- *test specifications and compliance statements: in italic type*;
- NOTES: in small roman type.

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MISCELLANEOUS LAMPHOLDERS –

Part 2-3: Particular requirements – Lampholders for double-capped linear LED lamps

1 Scope

This part of IEC 60838-2 applies to lampholders for double-capped linear LED lamps intended for building-in (to be used for general lighting service and with caps as listed in Annex A). Lampholders within the scope of this standard do not include heat management.

Double-capped linear LED lamps can also be used with lampholders originally been designated for other technologies. The requirements for these lampholders are covered by separate standards.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

Clause 2 of IEC 60838-1 applies, together with the following additions.

IEC 60061-2, *Lamp caps and holders together with gauges for the control of interchangeability and safety – Part 2: Lampholders*

IEC 60061-3, *Lamp caps and holders together with gauges for the control of interchangeability and safety – Part 3: Gauges*

IEC 60838-1, *Miscellaneous lamp holders – Part 1: General requirements and tests*

IEC 62504, *General lighting – Light emitting diode (LED) products and related equipment – Terms and definitions*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in IEC 60838-1 and in IEC 62504, as well as the following apply.

3.1

independent lampholder

lampholder so designed that it can be mounted separately from a luminaire, while at the same time providing all the necessary protection according to its classification and marking

[SOURCE: IEC 60238:2004, 2.5]