

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

COMMISSION
ELECTROTECHNIQUE
INTERNATIONALE

ICS 29.140.10

ISBN 978-2-8322-3357-3

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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

FOREWORD

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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.

The text of this standard is based on the following documents:

| | |
|---------------|------------------|
| FDIS | Report on voting |
| 34B/1851/FDIS | 34B/1857/RVD |

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

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.

The committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

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- withdrawn,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

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]

3.2

flexible lampholder for linear double-capped LED lamp

flexible lampholder

lampholder in which the base of each holder is rigidly mounted in the luminaire but which has one or both of the lampholders so designed as to allow axial movement of the contacts