

INTERNATIONAL STANDARD

IEC 60155

1993

AMENDMENT 2
2006-11

Amendment 2

Glow-starters for fluorescent lamps

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*This **English-language** version is derived from the original **bilingual** publication by leaving out all French-language pages. Missing page numbers correspond to the French-language pages.*

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Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

FOREWORD

This amendment has been prepared by subcommittee 34A: Lamps, of IEC technical committee 34: Lamps and related equipment.

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

FDIS	Report on voting
34A/1174/FDIS	34A/1193/RVD

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

The committee has decided that the contents of this amendment and the base publication will remain unchanged until the maintenance result date indicated on the IEC web site 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- withdrawn,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.

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Add the titles of the new Annexes D and E:

- D Starter contacts – Suitable metals
- E Guide to good practice in selection of plastic materials for starter enclosures

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2 Normative references

Add the following new normative references:

ISO 1456:2003, *Metallic coatings – Electrodeposited coatings of nickel plus chromium and of copper plus nickel plus chromium*

ISO 2081:1986, *Metallic coatings – Electroplated coatings of zinc on iron or steel*

ISO 2093:1986, *Electroplated coatings of tin – Specification and test methods*

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7.9 Connections

Add the following new 2nd paragraph:

Starter contacts shall consist of a material suitable for current-carrying parts. Examples of suitable metals for current-carrying parts with regard to mechanical strength, electrical conductivity and resistance to corrosion, when used within their permissible temperature range and under normal conditions of chemical pollution, are given in Annex D.

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Add the new Annexes D and E :

Annex D (normative)

Starter contacts – Suitable metals

Examples of suitable metals for current-carrying parts, referred to in Subclause 7.9, when used within the permissible temperature range and under normal conditions of chemical pollution are :

- copper or an alloy containing at least 58 % copper for parts made from rolled sheet (in cold condition) or at least 50 % copper for other parts;
- stainless steel containing at least 13 % chromium and not more than 0,09 % carbon;
- steel provided with an electroplated coating of zinc, according to ISO 2081, with coating having a thickness of at least 5 µm ISO service condition No. 1 (for ordinary equipment);
- steel provided with an electroplated coating of nickel and chromium according to ISO 1456, the coating having a thickness of at least 20 µm ISO service condition No. 2 (for ordinary equipment);
- steel provided with an electroplated coating of tin, according to ISO 2093, the coating having a thickness of at least 12 µm ISO service condition No. 2 (for ordinary equipment);
- pure nickel (at least 99 %);
- aluminium or an alloy having a hardness of at least HB 100.