PD IEC/PAS 62815-2:2013

BSI Standards Publication

Cold cathode fluorescent lamps

Part 2: Performance specifications

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National foreword

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A list of organizations represented on this committee can be obtained on request to its secretary.

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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FOREWORD

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The text of this PAS is based on the following document:

This PAS was approved for publication by the P-members of the committee concerned as indicated in the following document

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COLD CATHODE FLUORESCENT LAMPS –

Part 2: Performance specifications

1 Scope

This part of IEC/PAS 62815 specifies the performance requirements for tubular type cold cathode fluorescent lamps for backlight unit purposes used to flat panel displays such as TV and monitor etc., hereafter called “lamps”. For other types of lamp, additionally it will be revised when a need for them is recognized.

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.

IEC 60050 (all parts), *International Electrotechnical Vocabulary* (available at <http://www.electropedia.org>)

IEC/PAS 62815-1, *Cold cathode fluorecent lamps – Safety specifications*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in IEC 60050-845 and the following apply.

3.1
cold cathode fluorescent lamp
fluorescent lamp with cold cathode, in which most light is emitted by the excitation of phosphors coated in the discharge vessel

3.2
nominal value
approximate quantity value used to designate or identify a lamp

3.3
rated value
quantity value for a characteristic of a lamp for specified operating conditions

Note 1 to entry: The value and the conditions are specified in this PAS, or assigned by the manufacturer or responsible vendor.

3.4
lumen maintenance
ratio of the luminous flux of a lamp at a given time in its life to its initial luminous flux, the lamp being operated under specific conditions

Note 1 to entry: The ratio is generally expressed as a percentage.