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CCS K71



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 23112-2008

Ultraviolet metal halide lamp

紫外线金属卤化物灯

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Foreword

The Standard Appendix A, Appendix B, Appendix C are normative appendix. The standard proposed by China National Light Industry Council. This standard by the National Standardization Technical Committee of electrical lighting (SAC/TC224) centralized. This standard was drafted. Xiaheng Guang Hua Beijing Science and Technology Development Co., Ltd., Beijing Ling Co., Ltd. Noblelight. The main drafters of this standard. from Yao Pu, Han Wuzhou. This standard was first formulated. UV metal halide lamp

1 Scope

GB/T 23112-2008 is the Chinese national standard on ultraviolet metal halide lamp, in the field of electrical engineering. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 30 December 2008 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 September 2009. Classification: ICS 29.140.30, CCS K71. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the UVA metal halide lamp model name, technical requirements, test methods, inspection rules and signs, packaging and storage Store and transport. This standard applies to the field of photochemical reactions, radiation band at 320nm ~ 400nm range of metal halide lamps.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For

undated reference documents, the latest versions apply to this standard.

GB/T 191 Packaging - Pictorial signs (GB/T 191-2008, ISO 780.1997, MOD)

GB 19652-2005 discharge lamps (excluding fluorescent lamps) - Safety requirements (IEC 62035.2003, IDT) QB2274 light products, classification and type designation

3 Terms and Definitions

3.1 UVA metal halide lamp means the UV-A band (320nm ~ 400nm) has a strong radiation energy in the lamps have added Metal halide gas discharge radiation spectrum to participate in high-intensity ultraviolet radiation of the discharge lamp.

3.2 Ee Projected onto the radiation flux bin contains the point on the surface of the cell area divided by dPhie dA. Unit. $\mu\text{W}/\text{cm}^2$.

3.3 Ee365 In a dominant wavelength 365nm ultraviolet irradiance unit. $\mu\text{W}/\text{cm}^2$.

3.4 After the new lamp ignition to stabilize the electrical parameters measured 365nm UV irradiance values. Unit. $\mu\text{W}/\text{cm}^2$.

3.5 It means the lamp after start, time to ignite the operating current and the operating voltage is stable.

3.6 UV irradiance during lamp ignition value is reduced to 70% of the initial value of the irradiance, the ignition time is the cumulative useful life. single Bit. h. 3.7 50Hz AC power supply refers to the use of inductive ballast and ballast MFL boost.