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

GB/T 24333-2017

Replacing GB/T 24333-2009

**Metal halide lamps (NaI-TII-InI3 series) -- Performance
requirements
(English Translation)**

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Quarantine of the People's Republic of China, Standardization
Administration of the People's Republic of China**

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard replaces GB/T 24333-2009 "metal halide lamp (sodium thallium-indium series) performance requirements", and GB/T 24333-2009 Compared to the main changes are as follows.

- Increase TT series products;
- Increasing TT type glass bulb diagram;
- Adjust the performance requirements of some products;
- Correct the standard of writing errors.

This standard uses redrafted Law Reference IEC 61167:2015 "metal halide lamp performance requirements" prepared by IEC 61167:2015 the degree of consistency is not equivalent.

This standard proposed by the China Light Industry Federation.

This standard by the National Lighting Technical Standardization Technical Committee electric light source and its accessories Technical Committee (SAC/TC224 /SC1) centralized.

This standard was drafted unit. State Electric Light Source Quality Supervision and Inspection Center (Beijing), Philips Lighting (China) Investment Co., Ltd., Hefei this Mountain Electronic Technology Co., Ltd.

1 Scope

This standard specifies the sodium thallium indium series metal halide lamp product model, main dimensions, technical requirements, test methods, inspection rules, standard Log, packaging, transportation and storage.

This standard applies to the power of 250W ~.2000W sodium thallium-indium series metal

halide lamp (hereinafter referred to as lamp).

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version applies to this article Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 191 Packaging Pictorial signs (ISO 780) GB/T 2828.1 Sampling procedures for sampling inspection - Part 1. Batch inspection sampling plan retrieved by acceptance quality limit (AQL) (ISO 2859-1) GB/T 2829 cycle test count sampling procedures and tables (for the stability of the test process) GB/T 2900.65 Electrotechnical terminology lighting [IEC 60050 (845)] Discharge lamps (excluding fluorescent lamps) - Characteristics measurement methods GB/T 15042 Accessories for lamps - Ballasts for discharge lamps (excluding fluorescent tubes) - Performance requirements (IEC 60923) GB 19652-2005 discharge lamps (except fluorescent lamps) safety requirements (IEC 62035) GB/T 21093-2007 high pressure mercury lamp performance requirements (IEC 60188) QB/T 2274-2013 Classification and type designation of electric light source products

3 Terms and definitions

GB/T 2900.65 defined and the following terms and definitions apply to this document.

Nominal value Used to specify or identify the approximate amount of light.

Ratedvalue

The value of the lamp characteristics declared by the manufacturer or distributor or specified in this standard when operating under specified conditions.

Initial value initialreadings Light Lao Lian before the start of the characteristics of aging 100h after the measured value of the photoelectric properties.

Lumen maintenance

Lamp during its lifetime of a given time luminous flux its initial luminous flux ratio, during which the lamp under the conditions specified in the ignition.