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

GB/T 14094-2016

Replacing GB/T 14094-2005

**Tungsten halogen lamps (non-vehicle) -- Performance
requirements**

卤钨灯（非机动车辆用）性能要求

(English Translation)

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References

Foreword

This standard is drafted in accordance with the rules given in GB/T 1.1-2009 and GB/T 20000.2-2009.

This standard replaces GB/T 14094-2005 "Halogen lamp (non-motor vehicle) performance requirements".

Compared with GB/T 14094-2005, the main technical contents are as follows.

- Add the following parameter table. 6732;
- modified the following parameters of the table. 1004,4105;
- The above two changes relate to the lamp ILCOS encoding (Appendix E);
- modified 1.4.1 in the voltage symbols B, C corresponding to the voltage range.

This standard uses the re-drafting method for reference with IEC 60357.:2011 "Halogen Lamp (Non-motorized Vehicle) Performance Requirements" (version 3.3) IEC 60357.:2011 consistency is non-equivalent.

This standard is proposed by the China Light Industry Federation.

This standard by the National Lighting Standardization Technical Committee (SAC/TC224) centralized.

The drafting unit. Osram (China) Lighting Co., Ltd., Shangyu Jinghua Backlight Co., Ltd., Beijing Electric Light Source Research Institute.

1.1 Scope

This standard specifies the rated voltage of 250V or less, for the following purposes of single-ended or double-ended halogen lamp performance requirements.

- projection (including movie projection and static projector);
- photography (including studio);
- floodlight;
- Special Purpose;
- general purpose;

--- stage lighting.

Some of the requirements of this standard are given in the "Related lamp parameter table". For some lights, this standard lists its parameter tables. For inclusion in this the other lamps of the standard range are provided by lamp producers or vendors with lamp parameters.

1.2 Normative references

The following documents are indispensable for the application of this document. For dated references, only the dated edition applies to this article Pieces. For undated references, the latest edition (including all modifications) applies to this document.

GB/T 191 packaging and storage icon GB/T 1406.1 Type and dimensions of lamp caps - Part 1. Screw type head GB/T 1406.2 Type and dimensions of lamp holders - Part 2. Plug - type lamp holders GB/T 1406.3 Type and dimensions of lamp holders - Part 3. Prefocused lamp caps GB/T 1406.4 Type and dimensions of lamp caps - Part 4. Hybrid base GB/T 1406.5 Type and dimensions of lamp caps - Part 5. Bayonet lamp holders GB/T 2828.1 Sampling inspection procedures Part 1. Batch inspection sampling plan for retrieval by quality limit (AQL) (ISO 2859-1) GB/T 2829 Periodic inspection count Sampling procedures and tables (for inspection of process stability) Electrician terminology lighting GB 14196.2 Safety requirements for halogen lamps for general lighting for household and similar applications GB 14196.3 Safety requirements for incandescent lamps - Part 3. Halogen lamps (for non - motor vehicles) GB/T 19658 Method for measuring light intensity and beam angle at center of reflector lamp Standard Test Method for Temperature of Sealing Parts of Quartz Tungsten Lamps GB/T Measurement of luminous flux GB/T 26178 Classification and Model Nomenclature of QB/T 2274 Electric Light Source Products ISO 8092-2 Road vehicles - Carrier electrical wiring harnesses - Part 2. Definitions, test methods and general performance requirements (Road vehicles-connectionsforon-boardelectricalwiringharnesses-Part 2. Definitions, testmethodsand generalperformancerequirements

1.3 Terms and definitions

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