



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

**中华人民共和国国家标准**

GB 19152-2003

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**Photometric characteristics of moped  
headlamps**

**轻便摩托车前照灯配光性能**

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## Foreword

**All the technical contents in this Standard are mandatory.**

This Standard refers to ECER56 *Uniform Provisions on Certification of the Moped Headlamp* (April, 1995), ECER76 *Uniform Provisions on Certification of the Moped Headlamp Emitting Driving Beam and Passing Beam* (September, 1992), ECER82 *Uniform Provisions on Certification of the Moped Headlamp using Incandescent Halogen Lights (HS2)* (August, 1989).

The difference between this Standard and three ECE provisions are as follows:

- Did not adopt management terms therein
- In respect of light color, only adopt white and don't adopt selective yellow of ECE.
- Did not adopt provisions for the colored lens and optical filter therein.
- Did not adopt "minimum requirements for production of consistent control methods" in Attachment 4 of ECER56 and "minimum requirements for sampling by inspectors" in Attachment 5.

This Standard is proposed by State Bureau of Machine-Building Industry.

This Standard is under the jurisdiction of National Automobile Standardization Technical Committee.

This Standard is drafted by the Shanghai Automotive Lamps Research Institute.

Main drafters of this Standard are: Zhou Jian.

# National Standard of the People's Republic of China

## Photometric characteristics of moped headlamps

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### 1 Scope

Photometric characteristics, test method and inspection rules etc. of moped headlamps (hereinafter referred to as the headlamp) are specified in this Standard.

This Standard applies to different types of semi-sealed headlamps used by L<sub>1</sub>, L<sub>2</sub> type moped.

### 2 Normative References

The articles contained in the following documents have become this standard when they are quoted herein. For the dated documents so quoted, all the modifications or revisions made thereafter shall not be applicable to this Standard. For the undated documents so quoted, the latest editions shall be applicable to this Standard.

GB/T 3978-1994 Standard illuminants and illuminating-viewing conditions

GB 4599-1994 Photometric characteristics of headlamps for motor vehicles

GB 4785-1998 Prescription for installation of the external lighting and light signalling devices for motor vehicles and their trailers

GB 15766.1-2000 Filament lamps for road vehicles--Dimensional, electrical and luminous requirements

### 3 Definitions

Definition used in this Standard is same to GB 4599.

### 4 Technical requirements

#### 4.1 General provision

**4.1.1** Headlamp shall be designed and manufactured under normal use conditions, even when subjected to vibration, it can still ensure to meet the use requirements and photometric requirements in line with 4.3 in this Standard.

**4.1.2** For the installation of bulbs, it shall meet that the light bulb can also be installed in the correct position even in the dark, i.e. the positioning feet can accurately enter the

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