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**Provisions for the Installation of Lighting and Light-Signaling Devices for Motorcycles and Mopeds**  
**摩托车和轻便摩托车道路照明及光信号装置的安装规定**  
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# Provisions for the Installation of Lighting and Light-Signaling Devices for Motorcycles and Mopeds

## 1 SCOPE

This document specifies the general requirements, special provisions, inspection rules, and criteria for determination of one type, with respect to the installation of external lighting and light-signaling devices for motorcycles and mopeds.

This document is applicable to mopeds with two wheels (Category L1), right three-wheeled mopeds (Category L2), motorcycles with two wheels (Category L3), motorcycles with sidecar (Category L4) and right three-wheeled motorcycles (Category L5).

## 2 NORMATIVE REFERENCES

The following normative documents contain provisions which, through normative reference in this text, constitute essential provision of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendment) applies.

GB 4599 Road illumination devices and systems for motor vehicles

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

GB/T 5359.1 Term for motorcycles and mopeds – Part 1: Types of vehicle

GB 5920 Light-signaling devices and systems for motor vehicles and their trailers

GB 17510 Light-signaling devices for motorcycles and mopeds

GB 19152 Motor vehicle headlamps emitting a symmetrical passing beam or a driving beam or both

GB 20073 Performance and measurement method for braking of motorcycles and mopeds

## 3 TERMS AND DEFINITIONS

For the purpose of this document, the terms and definitions established in GB 4785 and GB/T 5359.1, as well as the following apply.

### 3.1 extreme outer edge

a plane parallel to the longitudinal median plane of the vehicle and touching its outer edge

Note: The vehicle's outer edge doesn't include the following projections: rear-view mirrors, direction-indicator lamps, front and rear position lamps, and retro-reflectors.

### 3.2 horizontal inclination

the angle formed between the headlamp beam of an unladen vehicle and the headlamp beam when the vehicle is banked

Note: Annex A shows a diagram.

### 3.3 horizontal inclination adjustment system (HIAS)

a device that keeps the horizontal inclination of the vehicle's headlamp at zero

### 3.4 bank angle

the angle formed between the vehicle's longitudinal median plane and the vertical plane when the vehicle is banked

Note: Annex A shows a diagram.

### 3.5 HIAS signal

any control signal or any additional control signal input to the HIAS or, a control signal output

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