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CCS K72



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

GB 43472-2023

**Luminaires and electrical supply track systems for luminaires -
Safety requirements**

灯具及灯具用电源导轨系统 安全要求

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Foreword

This document complies with the provisions of GB/T 1:1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents" Drafting: Please note that some content in this document may be subject to patents: The publisher of this document assumes no responsibility for identifying patents: This document is proposed and administered by the Ministry of Industry and Information Technology of the People's Republic of China: Safety requirements for lamps and power rail systems for lamps

1 Scope

GB 43472-2023 is the Chinese national standard on luminaires and electrical supply track systems for luminaires - safety requirements, in the field of electrical engineering. It carries no /T suffix, which in the Chinese system means compliance is mandatory: a product or a practice within its scope has to meet it to be lawfully made, sold or carried out in China. It was issued on 28 December 2023 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 January 2026.

Classification: ICS 29.140.40, CCS K72. 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 document specifies the safety-related requirements for lamps using electric light sources and power rail systems for lamps: This document applies to movable lamps and night lights installed in power sockets with a power supply voltage not exceeding 250V and power supply voltages not exceeding 1000V power rail system for other lamps and luminaires: This document does not apply to emergency lighting fixtures:

2 Normative reference documents

The contents of the following documents constitute essential provisions of this document

through normative references in the text: Among them, the dated quotations For undated referenced documents, only the version corresponding to that date applies to this document; for undated referenced documents, the latest version (including all amendments) applies to this document: GB (GB/T)3836 (all parts) Explosive atmosphere GB/T 7000:

1 Luminaires Part 1: General requirements and tests GB 7000:

4 Lamps Part 2-10: Movable lamps for children with special requirements

GB/T 7000:201 Luminaires Part 2-1: Fixed general purpose luminaires with special requirements

GB/T 7000:202 Luminaires Part 2-2: Recessed luminaires with special requirements

GB 7000:203 Luminaires Part 2-3: Special requirements for road and street lighting fixtures

GB/T 7000:204 Luminaires Part 2-4: Movable general purpose luminaires with special requirements

GB/T 7000:205 Luminaires Part 2-5: Floodlight luminaires with special requirements

GB/T 7000:208 Lamps Part 2-8: Portable lamps with special requirements

GB/T 7000:211 Luminaires Part 2-11: Aquarium luminaires with special requirements

GB/T 7000:212 Lamps Part 2-12: Night lights with special requirements for power socket installation

GB/T 7000:213 Luminaires Part 2-13: Special requirements for ground recessed luminaires

GB 7000:214 Lamps Part 2-14: Special requirements for the use of cold cathode tubular discharge lamps (neon lamps) and similar equipment lamps

GB/T 7000:217 Lamps Part 2-17: Special requirements for stage lighting, television, film and photography places (indoor and outdoor) lamps

GB/T 7000:218 Luminaires Part 2-18: Special requirements for luminaires for swimming pools and similar places

GB/T 7000:220 Lamps Part 2-20: Light strings with special requirements

GB/T 7000:221 Lamps Part 2-21: Light strips with special requirements