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NATIONAL STANDARD  
OF THE PEOPLE'S REPUBLIC OF CHINA

中华人民共和国国家标准 **GB**

**Standard for Daylighting Design of  
Buildings**

**建筑采光设计标准**

**GB/T 50033-2001**

**2001 Beijing**

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THE PEOPLE'S REPUBLIC OF CHINA**  
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Chief Editorial Department: Ministry of Construction of the People's Republic of China

Approving Department: Ministry of Construction of the People's Republic of China

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2001 Beijing

## **NOTICE**

This code is written in Chinese and English. The Chinese text shall be taken as the ruling one in the event of any inconsistency between the Chinese text and the English text.

# Notice on Promulgation of National Standard “Standard for Daylighting Design of Buildings”

## Construction standard [2001] No. 172

According to the requirements of “Notice on Print and Distribution of Established and Modified Plan of Project Construction Standard Rating in 1993” (National Planning Committee Integration [1993] No.110) issued by the National Planning Committee, “Standard for Daylighting Design of Industrial Enterprises” (GB 50033-91) is modified by Ministry of Construction together with relevant departments, and change the name to “Standard for Daylighting Design of Building”. Via joint checkup of related departments, the emended standard is authorized as national standard with serial number of GB/T 50033-2001, and will be implemented from November 1<sup>st</sup> of 2001. Meanwhile, the former “Standard for Daylighting Design of Industrial Enterprises” (GB 50033-91) is abolished.

This standard shall be managed by the Ministry of Construction, explained by China Academy of Building Research, and issued by China Architecture & Building Press under the organization of Standard Rating Institute of the Ministry of Construction.

**Ministry of Construction of the People’s Republic of China**

July 31<sup>st</sup>, 2001

## Preface

Based on national standard “Standard for Daylighting Design of Industrial Enterprises” (GB 50033-91), this specification has been established by summarizing daylighting experiences of inhabitation and public buildings, practical survey, and referring to building daylighting standards at home and abroad.

This specification includes five chapters (General, Terms and Symbols, Daylighting Factor Standard, Daylighting Quality and Daylighting Calculation) and five appendixes. This specification mainly regulated daylighting factor, daylighting quality and calculation methods as well as calculating parameters of inhabitant, public and industrial buildings utilizing daylight illumination.

Please send your suggestions and related materials to Architectural Physics Institute of China Academy of Building Research (Address: Chegongzhuang Street 19, Beijing, Postcode 100044) timely for modification and supplementary of this specification during its execution.

Chief editorial department, participating departments and major drafters of this standard:

Chief editorial department:

China Academy of Building Research

Participating departments:

China Aeronautical Industry Project & Design Study Institute

Qinghua University

China Architecture Design & Research Group of Ministry of Construction

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## Contents

1	General .	. 1
2	Terms and symbols .	. 2
2.1	Terms .	. 2
2.2	Symbols .	. 3
3	Daylight Factor .	. 5
3.1	General regulations .	. 5
3.2	Daylight factor of various buildings.....	. 6
4	Daylighting Quality .	. 10
5	Daylight Calculation .	. 11
Appendix A	Daylight Climate Division in China .	. 18
Appendix B	The Determination of Calculated Points .	. 19
Appendix C	The Ratio of Glazing to Floor Area of the Corresponding Construction Size...	. 22
Appendix D	The Calculation Parameter of Daylighting .	. 29
APPENDIX E	Diction Directions in This Criterion .	. 34

## **1 General**

**1.0.1** This specification has been established to implement national technical and economic policies, make full use of natural light, create good light environment and save energy sources.

**1.0.2** This specification is suitable for new construction of inhabit, public and industrial buildings utilizing daylight illumination and daylight design of alteration work and extension project.

**1.0.3** Daylight design shall be technologically advanced, economic, rational, and suitable for production, study, life and eyesight protection.

**1.0.4** Except for this specification, daylight design shall comply with regulations of related compulsory standards and specifications at present.

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