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NATIONAL STANDARD OF
THE PEOPLE'S REPUBLIC OF CHINA

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Standard for lighting design of buildings

建筑照明设计标准

GB/T 50034—2004

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NATIONAL STANDARD OF THE PEOPLE'S
REPUBLIC OF CHINA

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Edited by: Ministry of Construction P.R.China

Approved by: Ministry of Construction P.R.China

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Proclamation

No. 247

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Now Standard on Lighting Design of Buildings is approved as a native standard, its serial number is GB 50034-2004, and it will be implemented from December 01, 2004. In it, all of Article 6.1.2, Article 6.1.3, Article 6.1.4, Article 6.1.5, Article 6.1.6, and Article 6.1.7 are mandatory provisions. They must be implemented strictly. The original Standard on Lighting Design of Industry Enterprises (GB 50034-92) and Standard on Lighting Design of Civil Use (GBJ 133-90) are abolished at the same time.

The standard is published and issued by China Architecture & Building Press that is organized by Research Institute of Standards & Norms Ministry of Construction P.R.China.

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June 18, 2004

Preface

The standard summarizes the experience of lighting in residential, public, and industrial architectures on the base of original state standard GBJ 133-90 Standard on Design of Lighting in Civil Building and GB 50034-92 Standard on Design of Lighting in Industrial Enterprise. It is composed with editing and uniting through general investigation and key measuring research as while as referring the native and foreign standard of lighting in building and the standard of lighting and energy conservation. The section of lighting economy is organized and finished by Environment and Resource Comprehensive Utilization Department of National Development and Reform Commission P.R.China.

The standard is composed of 8 chapters and 2 appendixes such as general principle, term, lighting amount and quality, standard lighting value, lighting and energy conservation, lighting distribution and control, lighting management and supervision. It mainly stipulates standard lighting value, lighting quality, and lighting power density in residential, public, and industrial architectures.

The standard will be revised partly. The information and clause content relating to local revisions will be issued on the magazine Engineering Construction Standard.

The standard is a mandatory provision with some signs of boldface type, and must be implemented strictly.

Ministry of Construction P.R.China is responsible for managing and explaining the mandatory provisions, and China Academy of Building Research is responsible for explaining the content of specific technology. In the process of implementing the standard, please send the suggestions and relative data to Building Physics Research Institute in China Academy of Building Research if there are something to modify and complement (No.19, Chegongzhuang Street, Beijing, Postal Code: 100044).

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1 General

1.0.1 The standard is drawn up to carry out national law, regulation, and technical economy policy; conform to architectural function; be advantageous to manufacture, work, study, life, and physical and mental health; be easy to use safely and maintain conveniently with advanced technology and reasonable economy so as to implement Green Lights.

1.0.2 The standard is suitable to lighting designs in residential, public, and industrial buildings that are newly built, rebuilt, or extended.

1.0.3 Building lighting design should conform to current regulations relating to mandatory state standard and specification.



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