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

GB/T 30104.206-2013

**Digital addressable lighting interface -- Part 206: Particular
requirements for control gear -- Conversion from digital signal
into d.c. voltage (device type 5)**

数字可寻址照明接口 第206部分：控制装置的特殊要求 数字信号转换成直流电压
(设备类型5)

(English Translation)

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Foreword

GB/T 30104 "Digital Addressable Lighting Interface" is divided into 13 parts.

--- Part 101. General requirements for systems;

--- Part 102. General requirements for the control device;

--- Part 103. General requirements for control equipment;

--- Part 201. control means special requirements for fluorescent lamps (device type 0);

--- Part 202. Particular requirements for control self-contained emergency lighting (device type 1);

--- Part 203. Particular requirements for control of discharge lamps (excluding fluorescent lamps) (device type 2);

--- Part 204. control means special requirements for low-voltage halogen lamps (device type

3);

--- Part 205. Particular requirements for control devices incandescent supply voltage controller (device type 4);

--- Part 206. Particular requirements for digital signal control device into a DC voltage (device type 5);

--- Part 207. control means special requirements of LED modules (device type 6);

--- Part 208. control means special requirements for the switching function (device type 7);

--- Part 209. control means special requirements for color control (device type 8);

--- Part 210. control program means a special device requirements (device type 9).

This is Part 206 GB/T 30104 of.

This section drafted in accordance with the rules of GB/T 1.1-2009 and GB/T 20000.2-2009 given.

This section uses the translation method identical with IEC 62386-206:2009 "digitally addressable lighting interface - Part 206. the control device Special requirements of the digital signal is converted into a DC voltage (device type 5). " this part is proposed by the China National Light Industry Council.

This part of the National Electric lighting Standardization Technical Committee (SAC/TC224) centralized.

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Introduction

This section will be published simultaneously with the GB/T 30104.101 and GB/T 30104.102. The GB/T 30104 is divided into several parts published separately for future amendments and revisions. If necessary, add additional requirements.

When referring to GB/T 30104.101 or GB/T within 30104.102 any provisions of this section and the composition of GB/T 30104.2 xx Department Other parts of the column clearly defines the order in terms of scope and testing. If necessary, this section includes additional requirements. group to GB/T 30104.2 xx all parts of the series are independent, and therefore does not contain references to each other.

Requires that any provisions of GB/T 30104.101 or GB/T 30104.102 in this section to "in accordance with GB/T 30104.101 first 'N' chapter of the requirements, "a reference to the form of the sentence, the sentence could be interpreted as all requirements related to the provision of Section 101 or Section 102 are but it does not apply to Part 206 except the control device contains a particular type of lamp.

Unless otherwise stated, figures in this section are used in the decimal. Hexadecimal numbers using 0xVV format, several of which VV value. Binary digits or using XXXXXXXXb XXXXXXXX format, wherein X is 0 or 1; "x" means "not in binary for consideration. " Digital addressable lighting interface - Part 206.

Particular requirements for the control device converts the digital signal A DC voltage (device type 5)

1 Scope

This section GB/T 30104 specifies the digital signal digital signal is converted into a DC voltage electronic control device control protocol and test Test methods.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 30104.101-2013 digital addressable lighting interface - Part 101. General requirements for systems (IEC 62386-101:2009, IDT) GB/T 30104.102-2013 digital addressable lighting interface - Part 102. General requirements for control devices (IEC 62386-102:2009, IDT)

3 Terms and Definitions

GB/T 30104.101-2013 Chapters 3 GB/T 30104.102-2013 Chapter 3 define the terms and definitions apply to this file.

4 General requirements

According to GB/T 30104.101-2013 Chapter 4 GB/T 30104.102-2013 Chapter 4 requirements.

5 Electrical Specifications

According to GB/T 30104.101-2013 Chapters 5 and GB/T 30104.102-2013 Chapter 5 requirements.

6 Power Interface

If the control unit with integral power supply, according to GB/T 30104.101-2013 Chapters 6 and GB/T 30104.102-2013 first the requirements of Chapter 6.

7 Transfer Protocol Structure

According to GB/T 30104.101-2013 Chapters 7 and GB/T 30104.102-2013 Chapter 7 requirements.