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

GB/T 30104.203-2013

**Digital addressable lighting interface -- Part 203: Particular
requirements for control gear -- Discharge lamps (excluding
fluorescent lamps) (device type 2)**

数字可寻址照明接口 第203部分：控制装置的特殊要求 放电灯（荧光灯除外）（
设备类型2）

(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 section GB/T Part of 20,330,104.

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 62386-203:2009 "Digital addressable lighting interface - Part 203. control means Particular requirements for discharge lamps (excluding fluorescent lamps) (device type 2). " this part is proposed by the China National Light Industry Council.

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

This section is drafted. Fujian JK Yaming Electric Co., Ltd., Foshan City, China Electrical Lighting Co., Ltd., Foshan City, according to the photoelectric Branch Technology Co., Ltd., Shanghai Yaming Lighting Co., Zhongshan Productivity Promotion Center, Beijing Lighting Research Institute.

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 203 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 203. Particular requirements for control device Discharge lamps (excluding fluorescent lamps) (device type 2)

1 Scope

This section GB/T 30104 specifies the use of AC or DC power supply for discharge lamps (excluding fluorescent lamps) using control device Digital signal control protocol and the testing process.

Note: This section of the test type tests. The test does not include the production process requires a single control device.

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)

GB/T 30104.102-2013 digital addressable lighting interface - Part 102. General requirements for control devices (IEC 62386-102.

2009)

3 Terms and Definitions

GB/T 30104.101-2013 Chapters 3 GB/T 30104.102-2013 defined in Chapter 3 and the following terms and definitions apply in this document.

Light Cycle lampcycling Lamp lit and periodic self-extinguishing.

Lamp failure Lamp parameter exceeds the tolerance range of the normal work.

Note: Before the final off the light, attempts to ignite the lamp is determined by the control device.

Thermal time run-up time After the lamp is started, the control device and a lamp system, the lamp output power up to the time required for the nominal power.

Be triggered state waiting for ignition Lamp does not trigger pre-lit, set to trigger at the beginning of the longest time before termination trigger state control device.

Trigger time termination ignition timeout After the state of the control device to trigger time expires.

Note: The time is specified by the manufacturer of the control device.