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

GB/T 30104.205-2013

**Digital addressable lighting interface -- Part 205: Particular
requirements for control gear -- Supply voltage controller for
incandescent lamps (device type 4)**

数字可寻址照明接口 第205部分：控制装置的特殊要求 白炽灯电源电压控制器（
设备类型4）

(English Translation)

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6 "base system power" Test Process

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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 20,530,104.

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 62386-205:2009 "Digital addressable lighting interface - Part 205. control means Particular requirements incandescent supply voltage controller (device type 4). " this part is proposed by the China National Light Industry Council.

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

Drafting this Part. Guangdong Product Quality Supervision and Inspection Institute, Zhongshan Productivity Promotion Center, Deqing County Metro illuminator Material Co., Ltd., Foshan City, China Electrical Lighting Co., Ltd., Beijing Institute of electric light.

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 30104.200 series all parts 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 205 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 205. Particular requirements for control device Incandescent supply voltage controller (device type 4)

1 Scope

GB/T 30104 provisions of this part of the incandescent related electronic control unit digital signal control protocol and test procedures.

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 defined in Chapter 3 and the following terms and definitions apply in this document.

Reference measurement Measuring the actual lamp load.

NOTE: The control unit determines the actual lamp load, and not required by this section with its internal procedures and measurements.

Reduced load detection detectionofloaddecrease Significantly lower than the actual lamp load recognition during the "reference measuring" success measured load.

Note: For the load increases or decreases belongs obvious criteria, can only be determined by the manufacturer, these guidelines should be described in the specification.

Increased load detection detectionofloadincrease Significantly higher than the actual lamp load recognition during the "reference measuring" success measured load.

Note: For the load increases or decreases belongs obvious criteria, can only be determined by the manufacturer, these guidelines should be described in the specification.

Thermal overload the control device exceeds the maximum allowable temperature situation.

Thermal shutdown Control means off the light, because the automatic reduction in the amount of output can not prevent continuous thermal overload.