Chinastandards.org

ICS 29.140
CCS A 94

GA

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GA 883-2010

Individual police equipment--Glare flashlight

(English Translation)

Issued on: August 24, 2018 **Implemented on: September 1, 2018**

Issued by: Ministry of Public Security

Preview: page 1 of 4 shown, 12 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/ga-883-2010

Chinastandards.org

Table of Contents

Foreword
1 Scope
2 Normative references
3 Terms and definitions

Foreword

The full technical content of this standard is mandatory.

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard replaces GA 883-2010 "Public Police Single Police Equipment Police Light Glower", mainly modified compared with GA 883-2010 as follows.

--- Increased product classification (see 4.1);

--- Modified the numbering rules (see 4.2, Chapter 4 of the 2010 edition);

--- Revised the general requirements (see 5.2, 5.2 of the 2010 edition);

--- Revised the structural requirements (see 5.3, 5.5.1 of the 2010 edition);

--- Revised the size requirements (see 5.4, 5.5.2 for the 2010 edition);

--- Modified the switching mode of operation requirements (see 5.9.1, 5.8.1 of the 2010 edition);

--- Increased battery compatibility requirements (see 5.9.2);

--- Increased glare initial luminous flux requirements (see 5.9.3);

--- Increased chromaticity coordinate requirements (see 5.9.4);

--- Revised the glare lighting time requirement (see 5.9.5, 5.8.3 of the 2010 edition);

--- Revised the beam angle requirement (see 5.9.8, 5.8.6 of the 2010 edition);

--- Revised the battery protection function requirements and test methods (see 5.9.9, 2010 edition of 5.8.14);

--- Added power prompt function and test method (see 5.9.11);

--- Increased functional requirements and test methods for broken glass (see 5.9.14);

--- Modified switch durability requirements (see 5.10.3, 2010 edition of 5.8.12);

Preview: page 2 of 4 shown, 12 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/ga-883-2010

--- Removed the disassembly and assembly requirements (see 5.8.17 of the 2010 edition).

This standard was proposed by the Equipment Finance Bureau of the Ministry of Public Security.

This standard is under the jurisdiction of the National Police Equipment Standardization Technical Committee (SAC/TC561).

This standard was drafted. Ministry of Public Security Equipment Finance Bureau, National Police Equipment Standardization Technical Committee, Ministry of Public Security First Institute, Ministry of Public Security Special Police Equipment Quality Supervision and Inspection Center, Guangzhou Weifu Technology Development Co., Ltd., Baoding Public Security Helmet Factory, China Ordnance Equipment Group Weaponry Equipment Research Institute, Henan Weidavi Police Equipment Co., Ltd., Shenzhen Weiwei Special Equipment Co., Ltd., Beijing Chenye Tianying Police Machinery Technology Development Co., Ltd., fearless police equipment Co., Ltd.

1 Scope

This standard stipulates the terms and definitions, classification and numbering, technical requirements, test methods, inspection rules and regulations of the public police single police equipment glare flashlight Packaging, labeling, transportation and storage.

This standard applies to the production, inspection and acceptance of public security single police equipment glare flashlight products.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only the dated version applies to this article.

Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 2828.1-2012.Sampling procedures for counting sampling - Part 1. Quantitative inspection by batches plan GB/T 6543-2008 Single corrugated carton and double corrugated carton for transport packaging GB/T 6892-2015 General industrial aluminum and aluminum alloy extruded profiles GB/T 8417-2003 light signal color GB/T 19658-2013 Method for measuring central light intensity and beam angle of reflector lamps GB/T 20878-2007 Stainless steel and heat resistant steel grades and chemical composition GB 31241-2014 Safety requirements for lithium-ion batteries and batteries for portable electronic products GA 244 People's Police Police Emblem Technical Standard

Preview: page 3 of 4 shown, 12 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/ga-883-2010

3 Terms and definitions

The following terms and definitions apply to this document.

Public security single police equipment glare flashlight glareflashlightofindividualpoliceequipment According to the drawings, standard samples and production approved by the competent department of the Ministry of Public Security, it is used for portable lighting worn by the public security police during daily law enforcement.

Device.

Luminous flux the total amount of light energy emitted by the light source, in lumens (lm).

Illuminance

The luminous flux of visible light per unit area, in lux (lx).

Note: 1lx = 1 lm/m2 (ie. 1 lm of light flux is evenly distributed on the surface of 1 m2 of illuminance).

Beam angle the angle between two imaginary lines on a plane passing through the beam axis, which respectively pass through the front center of the lamp and illuminate the intensity is 50% of the center light intensity.

Preview: page 4 of 4 shown, 12 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/ga-883-2010