

Test report**Report No.: GZES151201622631****Date: 2016-01-07**

The following sample(s) was/were submitted and identified on behalf of the client as:

Applicant: Shenzhen Brillloop Lighting Co., Ltd.
6F, B6 Building, Junfeng Industrial Park, Yonghe Road, Fuyong, Bao'an District,
Shenzhen, Guangdong, China

Manufacturer: Same as applicant

Testing location/address: SGS-CSTC Standards Technical Services Co., Ltd. - E&E Lab Guangzhou
198 Kezhu Road, Sciencetech Park, Guangzhou Economic & Technology
Development District, Guangzhou, Guangdong, China 510663

The standards: The requirement of IK08 of IEC 62262: 2002

Test item description: LED floodlight

Trade Mark: **Brillloop**

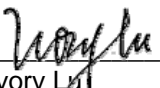
Model/Type for test: BLP-FL120Wxx, BLP-FL150Wxx, BLP-FL200Wxx
(xx=04, 05)

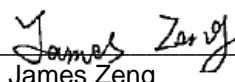
Ratings: 220 V – 240 V; 50 Hz / 60 Hz;
BLP-FL120Wxx: 120 W;
BLP-FL150Wxx: 150 W;
BLP-FL200Wxx: 200 W

Test result : In the opinion of SGS – CSTC the presented appliance was found to be **in compliance with** the test specification as indicated in the details on the following pages.

Remark: Throughout this report a comma (point) is used as the decimal separator.
When determining for test conclusion, measurement uncertainty of tests has been considered.




Ivory Lu
Reviewer
E&E Safety Laboratory


James Zeng
Project Engineer

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Copy of marking plate

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Summary of testing:

As the client's request, IK08 was applied to the product.

Each three impacts were conducted on the surface of metal enclosure and glass panel.

After the test, no live parts exposed and the enclosures still provided the same protection as original.

The submitted appliance was found to be compliance with the IK08 requirement of IEC 62262: 2002.

Test item particulars	
Lamp cap	—
Lamp identification	LED
Commission received from	Shenzhen Brillloop Lighting Co., Ltd.
Date	2015-12-30
Electrical safety class	—
IP number	—
Possible test case verdicts:	
- test case does not apply to the test object.....	: N/A (not applicable)
- test object does meet the requirement	: P (Pass)
- test object does not meet the requirement	: F (Fail)
Testing	
Date of receipt of test item.....	: 2015-12-30
Date (s) of performance of tests.....	: 2015-12-30 to 2016-01-07
General product information:	
All models have the same enclosure but different in the number of the LEDs.	

Test Results:

Clause	Requirement – Test	Result - Remark	Verdict
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	SAFETY REQUIREMENTS		P
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4.2	Characteristic group numerals of the IK code and their meanings		
	IK00 (not protected according to this standard)		N/A
	IK01..... 0,14 J:		N/A
	IK02..... 0,2 J:		N/A
	IK03..... 0,35 J:		N/A
	IK04..... 0,5 J:		N/A
	IK05..... 0,7 J:		N/A
	IK06..... 1 J:		N/A
	IK07..... 2 J:		N/A
	IK08..... 5 J:		P
	IK09..... 10 J:		N/A
	IK10..... 20 J:		N/A

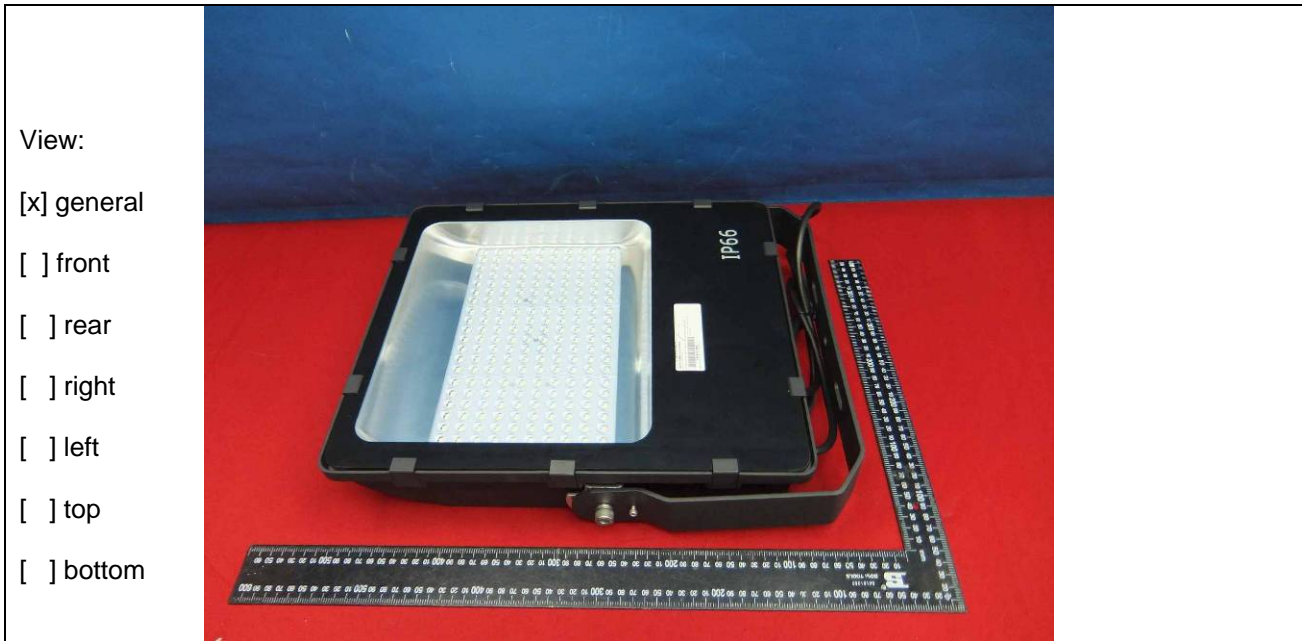
6	Test to verify the protection against mechanical impacts		
6.1	The test specified in this standard is a type test		P
6.2	In order to verify the protection against mechanical impacts, blows shall be applied to the enclosure to be tested.		P
6.3	During the test the enclosure shall be mounted on a rigid support, according to the manufacturer's instructions for use.		P
6.4	The number of impacts shall be five on each exposed face unless otherwise specified in the relevant product standard. The impacts shall be evenly distributed on the faces of the enclosure(s) under test. In no case shall more than three impacts be applied in the surroundings of the same point of the enclosure. The relevant product standard shall specify the points of application of impacts	According to the standard IEC 60598-1: 2014, three impacts were applied to the metal enclosure and glass panel.	P
6.5	Test evaluation		P

Clause	Requirement – Test	Result - Remark	Verdict
	The relevant product standard shall specify the criteria upon which the acceptance or rejection of the enclosure is to be based, particularly: - admissible damages, - verification criteria relative to the continuity of the safety and reliability of the equipment	After the tests, there were not damages to the metal enclosure and glass panel	P
	Acceptance requirement of EN 60598-1:		P
	a) live parts shall not have become accessible;		P
	b) the effectiveness of insulating linings and barriers shall not have been impaired;		P
	c) the sample shall continue to afford the degree of protection against ingress of dust, solid objects and moisture, in accordance with its classification;		P
	d) it shall be possible to remove and to replace external covers without these covers or their insulating linings breaking.		P

7	Test apparatus		
	The test shall be done by using one of the test apparatus described in IEC 60068-2-75:		P
	<input type="checkbox"/> pendulum hammer		N/A
	<input type="checkbox"/> spring hammer		N/A
	<input checked="" type="checkbox"/> vertical hammer		P

ANNEX 1: Photo documentation

Details of: BLP-FL150Wxx



Details of: Rear view



Test report

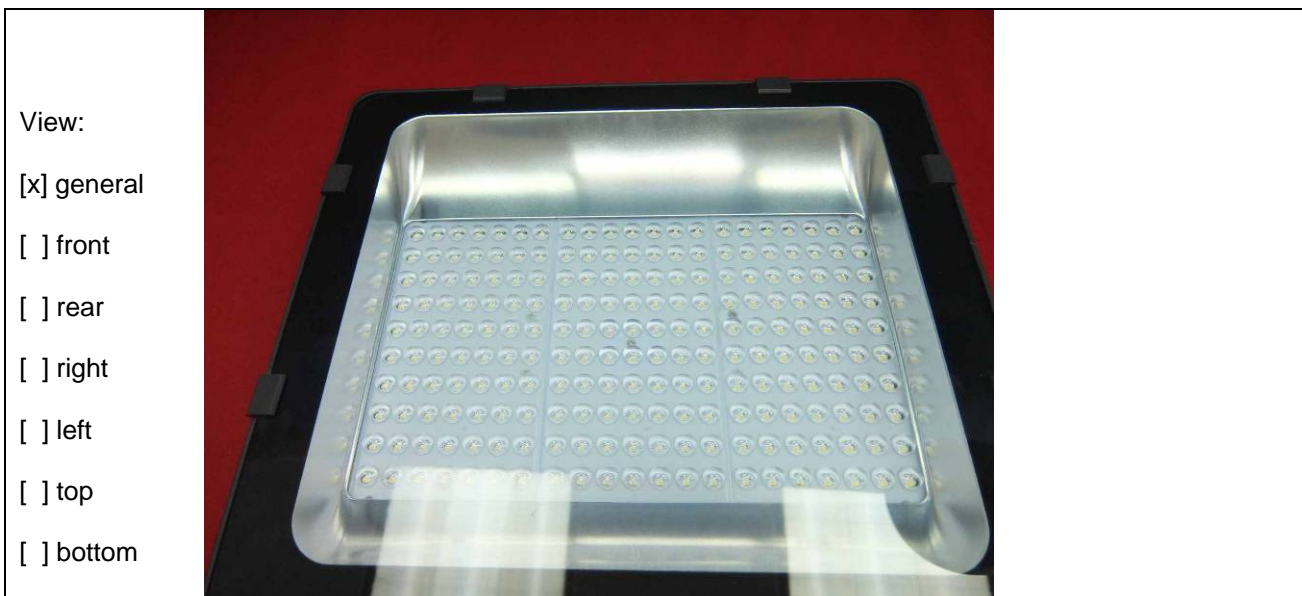
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Details of: Left side view, similar as the right side



Details of: LED view



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