





Report No.: GZES151011207331

Date: 2015-11-02

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

Applicant: Shenzhen Brilloop Lighting Co., Ltd.

6F, B6 Building, Junfeng Industrial Park, Yonghe Road, Fuyong, Baoan District,

Shenzhen, Guangdong, China

Manufacturer: Same as applicant

Testing SGS-CSTC Standards Technical Services Co., Ltd. - E&E Lab Guangzhou

location/address: 198 Kezhu Road, Scientech Park, Guangzhou Economic & Technology

Development District, Guangzhou, Guangdong, China 510663

The standards: According to the client's requirement

IES LM-79-08

Test item description: LED Floodlight

Trade Mark: **Brilloop**

Model/Type for test: BLP-FL150W04(4000 K)

Ratings: 100 - 240 Va.c., 50/60 Hz, 150 W

Test result: See the result in page 3

Remark: This is the commission test report.

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

Tim Ding

Project Engineer

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Copy of marking plate			
N/A			
IVA			
Summary of testing:			
Tests were performed according to particular requirem	nents of client.		
The tests were conducted under 230 V~, 50 Hz under	client's requirement.		
Test item particulars			
Lamp cap:	_		
Lamp identification	_		
Commission received from:	Applicant		
Date:	2015-09-30		
Ambient temperature	25 °C		
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:	2015-09-30		
Date (s) of performance of tests	2015-09-30 to 2015-10-20		
General product information:			
The product can emit neutral white light when powered.			

Tel.: +86 20 82155392 Fax: +86 20 82075058



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Test Results:

BLP-FL150W04(4000 K):

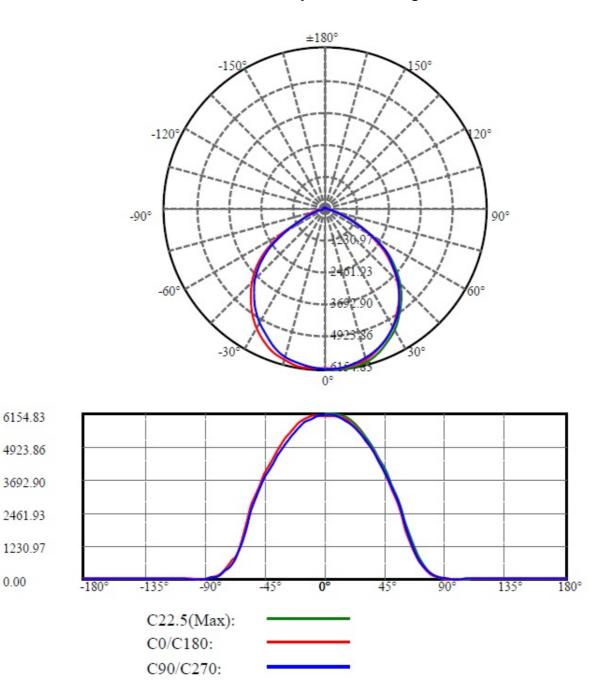
PHOTOMETRIC DATA					
Imax(cd)	6154,83	Icen(cd)	6085,96		
Luminous Efficacy	98,86 lm/W	Beam angle	104,15		
TOTAL FLUX(Im)	15154,56	CIE type	Direct		
η UP(%)	1,15	η DOWN(%)	98,85		



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Luminous Intensity Distribution Diagram

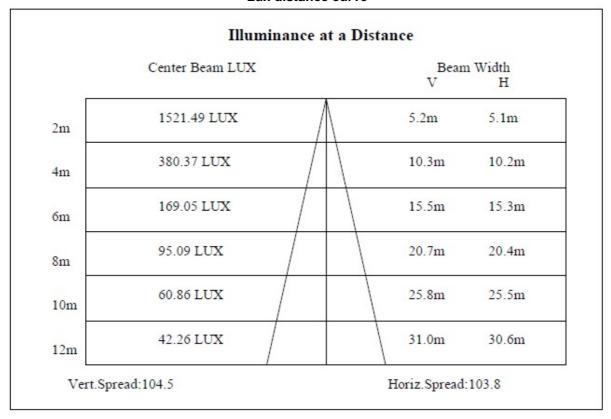




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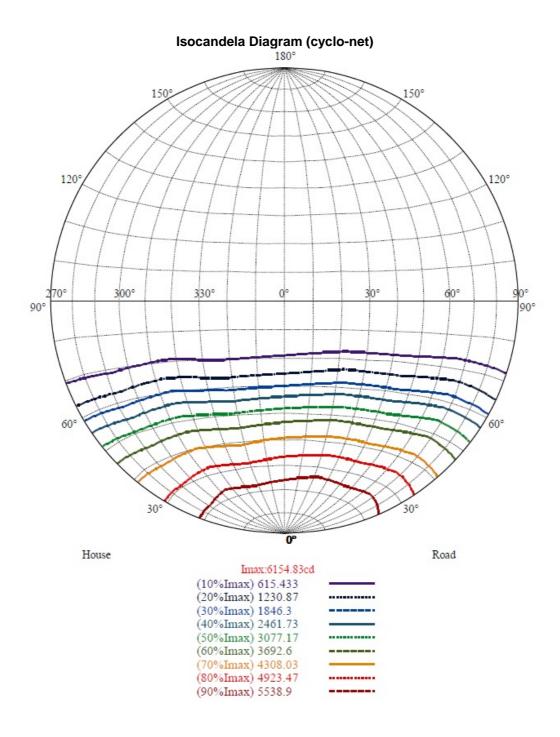
Lux distance curve





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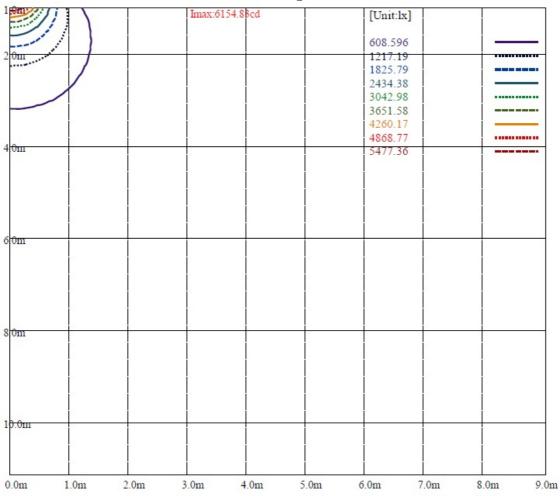




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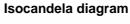


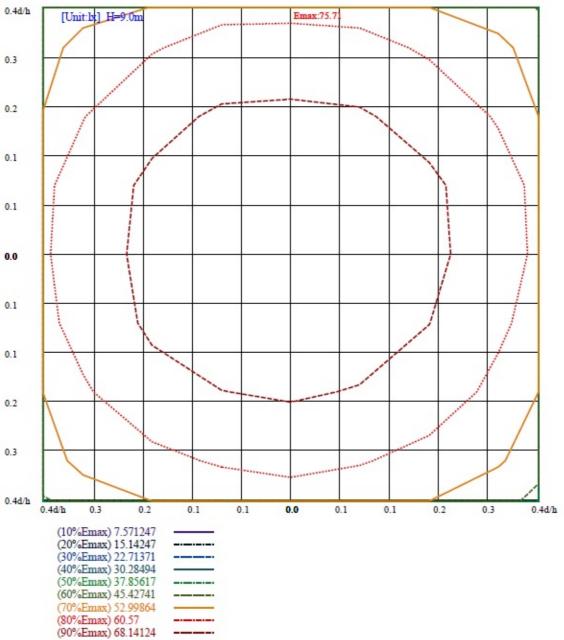




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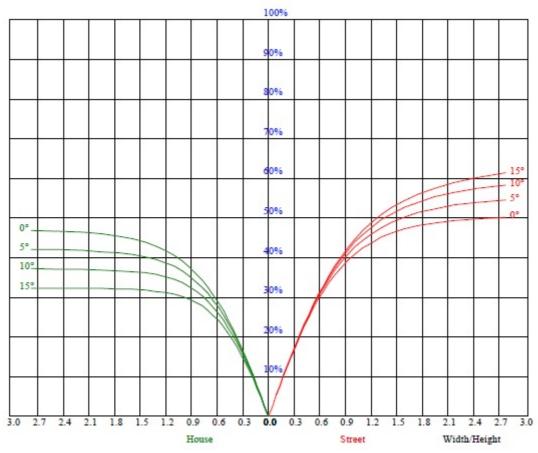




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Coefficient Utilization Curve





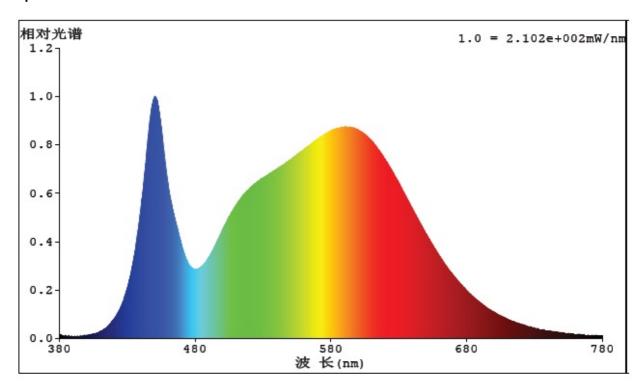
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Test Results:

Luminaire Input Voltage	Input Current	Luminaire Watts	Power Factor
230 V	0,688 A	153,30 W	0,969
Radiant Flux mW	Peak wavelength	Corr.Color Temperature K	Color Rend. Index Ra
33,413 W	451 nm	4268 K	82,8
Chroma x	Chroma y	Chroma u	Chroma v
0,3699	0,3719	0,2201	0,4978

Spectrum distribution:





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ANNEX 1: Photo documentation

Details of: General view for the product



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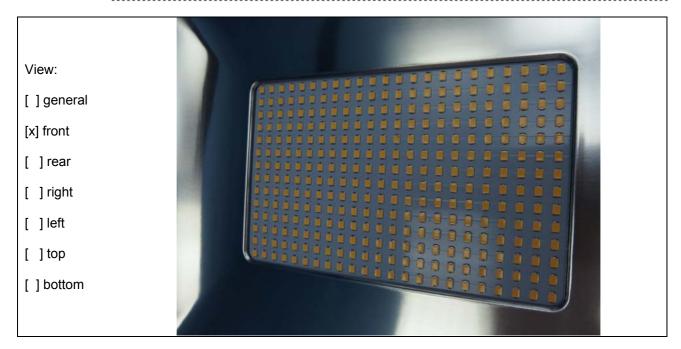




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Details of: General view for the LED



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