

Test Report

Report No.: GZES171101929431

Date: 2017-12-26

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

Applicant: BuzziSpace
Groeningenlei 141 2550 Kontich

Manufacturer: Shenzhen Solemec Technology Ltd.
Block 59, Lisonglang Industrial Zone1, Gongming, Guangming district,
Shenzhen, Guangdong, China

Testing location/address: SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch
198 Kezhu Road, Science City, Economic & Technology Development Area,
Guangzhou, Guangdong, China

Standard(s): IES LM-79-08

Test item description: BuzziSpace LED Suspended Pendant Lamp

Trade Mark/Brand:

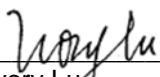


Model/Type reference: BuzziSol Globe Suspended

Ratings: 32 W

Test result: See Page 4-5.

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


Justin Xie
Sr Project Engineer

Copy of marking plate

Unit: mm

Summary of testing:
 The tests were conducted according to IES LM-79-08 and the client's requirements. Installed the glass shade A-0000002294 to the sample and applied 120 VAC, 60 Hz for all the tests according to the clients requirements.

Test item particulars	
Lamp cap	Class Spended Frosted
Lamp identification	LED (Bridgelux bxre-30G0800-B-23)
Commission received from	Manufacturer
Date	2017-11-16
Ambient temperature	25 °C
IP number	IP 20
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	2017-11-22
Date (s) of performance of tests.....	2017-11-23 to 2017-11-30
General product information:	
Model BuzziSol Globe Suspended is a product consisted of a LED control gear and a LED module, rated for 220 - 240 VAC, 50 Hz / 60 Hz, 32 W. Glass shade A-0000002294, is for Model BuzziSol Globe Suspended.	

1 Test conditions

Before measurements are taken, there is no seasoning for the LED luminaire(s), and the luminaire(s) was measured after reaching the stabilization.

The Electrical quantities are measured by means of a calibrated Digital Power Meter Yokogawa WT210.

The sample was mounted in accordance with the manufacturer's installation instructions for intended orientation.

The Total Luminous Flux and Light Distribution were measured by a calibrated Type C Goniophotometer.

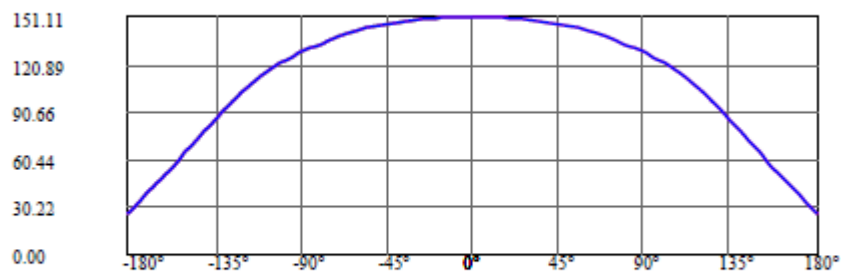
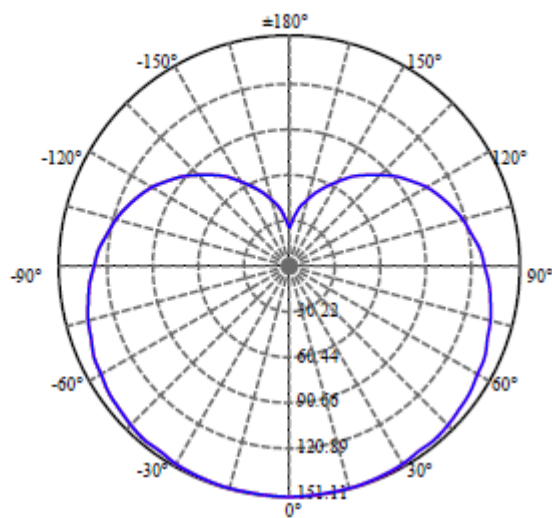
The Color Characteristics were measured by a calibrated Everfine Integrating Sphere System which consists of an integrating sphere, spectroradiometer and software.

The ambient temperature during measurements was $25^{\circ}\text{C} \pm 1^{\circ}\text{C}$.

2 Test Results

I) The Electrical Power, Luminous Flux and Light Distribution according to IES LM-79-08

Test Voltage: 120 V AC
 Power: 19,34 W
 Total Luminous Flux: 1499 lm
 Luminous Efficacy: 77,5 lm/W



C270(Max): ———
 C0/C180: ———
 C90/C270: ———

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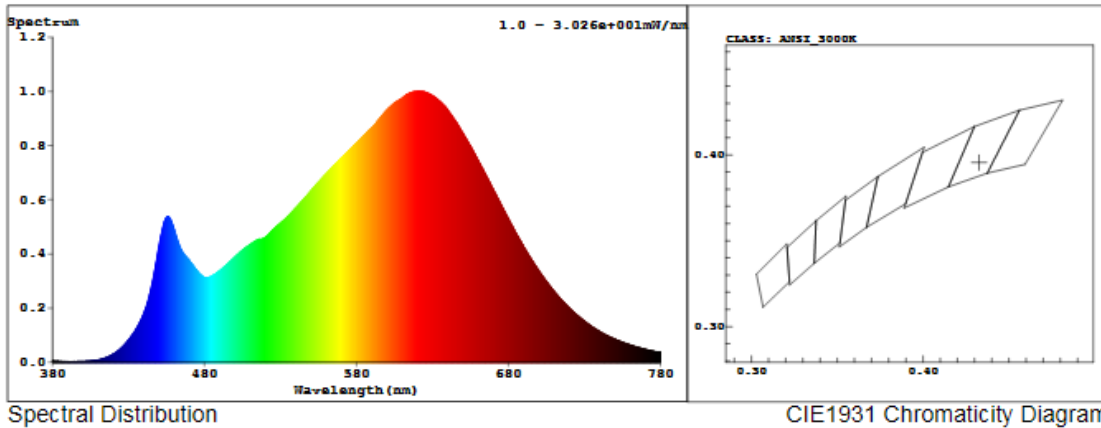
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II) Color Characteristics according to IES LM-79-08

Test Voltage:	120 V AC
Chromaticity Coordinate	x=0, 4326; y=0, 3955 u'=0, 2515; v'=0, 5173
Correlated Color Temperature	3002K
Render Index Ra	92,6
Peak Wavelength	620 nm

Spectrum



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Photo documentation:

Details of: View of the product BuzziSol Globe Suspended installed the glass shade A-0000002294

View:

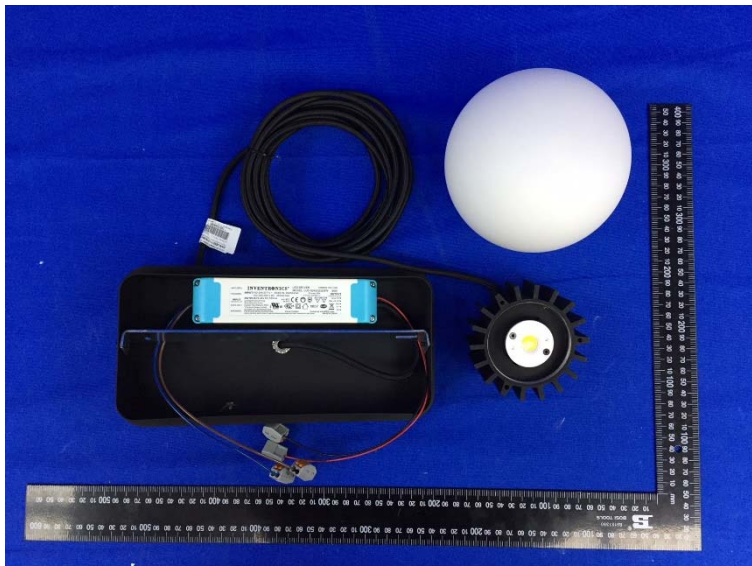
- general
- front
- rear
- right
- left
- top
- bottom



Details of: View of product BuzziSol Globe Suspended and it's shade A-0000002294

View:

- general
- front
- rear
- right
- left
- top
- bottom



--- End of Report ---