



RoHS INTEGRATION REPORT

For

LED Wash Light

Model: PHN005, PHN007, PHN009, PHN012, PHN013, PHN014, PHN016, PHN018, PHN020, PHN021, PHN023, PHN026, PHN027, PHN029, PHN031, PHN032, PHN035, PHN036, PHN037, PHN040, PHN042, PHN043, PHN046, PHN053, PHN054, PHN055, PHN056, PHN057, PHN060, PHN061, PHN062, PHN063, PHN064, PHN065, PHN066, PHN067, PHN069, PHN072, PHN073, PHN074, PHN075, PHN076, PHN077, PHN078, PHN080, PHN081, PHN082, PHN083, PHN084, PHN085, PHN086, PHN087, PHN088, PHN089, PHN090, PHN091, PHN092, PHH028, PHH009, PHH013.

Brand Name: PHOENIXLIGHTING

Report No.: ENC1901280GZ79R1

Date of Issue: Jul. 23, 2018

Prepared For

Guangdong Phoenix Lighting Co., Ltd.

No.38 Yagang South Road, Shijing Town, Guangzhou, Guangdong, China.

TEL: +86-20-26290610

Prepared By

East Notice Certification Service Co., Ltd.

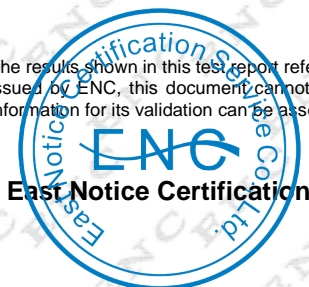
1/F, Haohui Commercial Building, Zhuji Street, Dongpu Town, Tianhe District,

Guangzhou City, China

TEL: +86-20-2331 4234

FAX: +86-20-8256 8534

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by ENC, this document cannot be reproduced except in full with our prior written permission. The document is available on request and the brief information for its validation can be assessable and confirmed at <http://www.enc-lab.com>.



1/F, Haohui Commercial Building, Zhuji Street,
Dongpu Town, Tianhe District, Guangzhou City

Tel:+86-020-2331 4234
E-mail: enc@enc-lab.com

Fax:+86-020-8256 8534
[Http:// www.enc-lab.com](http://www.enc-lab.com)

1. GENERAL INFORMATION:

Product Description:	LED Wash Light
Model Number:	PHN005, PHN007, PHN009, PHN012, PHN013, PHN014, PHN016, PHN018, PHN020, PHN021, PHN023, PHN026, PHN027, PHN029, PHN031, PHN032, PHN035, PHN036, PHN037, PHN040, PHN042, PHN043, PHN046, PHN053, PHN054, PHN055, PHN056, PHN057, PHN060, PHN061, PHN062, PHN063, PHN064, PHN065, PHN066, PHN067, PHN069, PHN072, PHN073, PHN074, PHN075, PHN076, PHN077, PHN078, PHN080, PHN081, PHN082, PHN083, PHN084, PHN085, PHN086, PHN087, PHN088, PHN089, PHN090, PHN091, PHN092, PHH028, PHH009, PHH013.
Model Difference:	The series models have same electrical structure as PHN076, except for the different appearance and power.
Brand Name:	PHOENIXLIGHTING
Applicant:	Guangdong Phoenix Lighting Co., Ltd. No.38 Yagang South Road, Shijing Town, Guangzhou, Guangdong, China.
Manufacturer:	Guangdong Phoenix Lighting Co., Ltd. No.38 Yagang South Road, Shijing Town, Guangzhou, Guangdong, China.
Testing date	Jul. 13, 2018 - Jul. 23, 2018
Test Method(If tested):	(1)With reference to IEC 62321-5:2013, determination of Cadmium by ICP-OES. (2)With reference to IEC 62321-5:2013, determination of Lead by ICP-OES. (3)With reference to IEC 62321-4:2013, determination of Mercury by ICP-OES. (4)With reference to IEC 62321:2008, determination of Hexavalent Chromium by spot test / Colorimetric Method using UV-Vis. (5)With reference to IEC 62321-6:2015, determination of PBBs and PBDEs by GC-MS. (6)With reference to EN 14372:2004, determination of Phthalates by GC-MS.
Directive:	COMMISSION DELEGATED DIRECTIVE (EU) 2015/863 amending Annex II to Directive 2011/65/EU of the European Parliament and of the Council as regards the list of restricted substances
Remark:	Based on the performed tests on submitted sample(s), the results of Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs), Phthalates (DEHP, BBP, DBP, DIBP) comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU. .

The test results of this report relate only to the tested sample identified in this report. Should any objections to the test reports occurred, should submit it to the Company within ten days since the issuing of the report, Fail to accept.

Checked By Yemig
Yemig Jul. 23, 2018

Authorized By Ray Zhou
Ray Zhou Jul. 23, 2018

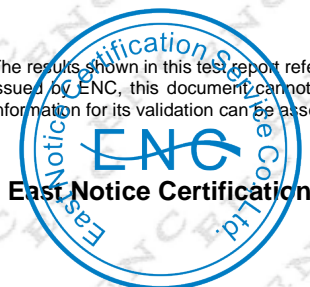
The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by ENC, this document cannot be reproduced except in full with our prior written permission. The document is available on request and the brief information for its validation can be assessable and confirmed at <http://www.enc-lab.com>.



2. ASSESSMENT INFORMATION:

No.	Part Description	Form of evidence of compliance		Verdict
		Laboratory	Report No.	
1	Metal enclosure	ENC	ENC1901280GZ79R1-01	PASS
2	Mounting bracket	ENC	ENC1901280GZ79R1-02	PASS
3	Display	ENC	ENC1901280GZ79R1-03	PASS
4	Button	ENC	ENC1901280GZ79R1-04	PASS
5	Power in/out	ENC	ENC1901280GZ79R1-05	PASS
6	Power cord	ENC	ENC1901280GZ79R1-06	PASS
7	Plug	ENC	ENC1901280GZ79R1-07	PASS
8	DMX IN/OUT	ENC	ENC1901280GZ79R1-08	PASS
9	Lens	ENC	ENC1901280GZ79R1-09	PASS
10	LED	ENC	ENC1901280GZ79R1-10	PASS
11	Screws	ENC	ENC1901280GZ79R1-11	PASS
12	Laser diode	ENC	ENC1901280GZ79R1-12	PASS
13	Knobs	ENC	ENC1901280GZ79R1-13	PASS
14	Sleeve	ENC	ENC1901280GZ79R1-14	PASS
15	Internal wiring	ENC	ENC1901280GZ79R1-15	PASS
16	PCB	ENC	ENC1901280GZ79R1-16	PASS
17	Power supply	ENC	ENC1901280GZ79R1-09	PASS
18	Label	ENC	ENC1901280GZ79R1-10	PASS

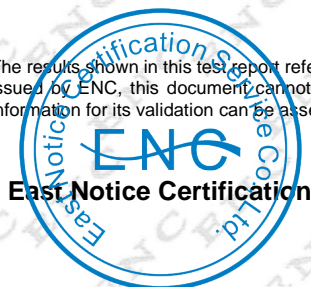
The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by ENC, this document cannot be reproduced except in full with our prior written permission. The document is available on request and the brief information for its validation can be assessable and confirmed at <http://www.enc-lab.com>.



3. TEST RESULT:

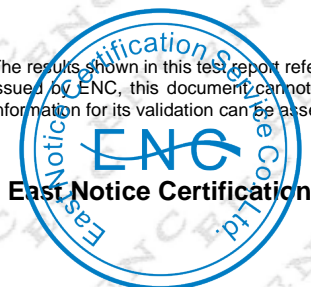
No.	Part Description	Unit	Lead	Cadmium	Mercury	Chromium
			(Pb)	(Cd)	(Hg)	(Cr ⁶⁺)
1	Metal enclosure	ppm	N.D.	N.D.	N.D.	N.D.
2	Mounting bracket	ppm	N.D.	N.D.	N.D.	N.D.
3	Display	ppm	N.D.	N.D.	N.D.	N.D.
4	Button	ppm	N.D.	N.D.	N.D.	N.D.
5	Power in/out	ppm	N.D.	N.D.	N.D.	N.D.
6	Power cord	ppm	N.D.	N.D.	N.D.	N.D.
7	Plug	ppm	N.D.	N.D.	N.D.	N.D.
8	DMX IN/OUT	ppm	N.D.	N.D.	N.D.	N.D.
9	Lens	ppm	N.D.	N.D.	N.D.	N.D.
10	LED	ppm	N.D.	N.D.	N.D.	N.D.
11	Screws	ppm	N.D.	N.D.	N.D.	N.D.
12	Laser diode	ppm	N.D.	N.D.	N.D.	N.D.
13	Knobs	ppm	N.D.	N.D.	N.D.	N.D.
14	Sleeve	ppm	N.D.	N.D.	N.D.	N.D.
15	Internal wiring	ppm	N.D.	N.D.	N.D.	N.D.
16	PCB	ppm	N.D.	N.D.	N.D.	N.D.
17	Power supply	ppm	N.D.	N.D.	N.D.	N.D.
18	Label	ppm	N.D.	N.D.	N.D.	N.D.

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by ENC, this document cannot be reproduced except in full with our prior written permission. The document is available on request and the brief information for its validation can be assessable and confirmed at <http://www.enc-lab.com>.



No.	Unit	Polybrominated Biphenyls (PBBs)									
		Mono-bromobiphenyl	Di-bromobiphenyl	Tri-bromobiphenyl	Tetra-bromobiphenyl	Penta-bromobiphenyl	Hexa-bromobiphenyl	Hepta-bromobiphenyl	Octa-bromobiphenyl	Nona-bromobiphenyl	Deca-bromobiphenyl
1	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
2	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
3	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
4	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
5	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
6	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
7	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
8	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
9	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
10	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
11	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
12	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
13	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
14	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
15	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
16	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
17	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
18	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by ENC, this document cannot be reproduced except in full with our prior written permission. The document is available on request and the brief information for its validation can be assessable and confirmed at <http://www.enc-lab.com>.

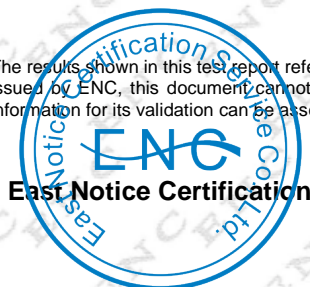


No.	Unit	Polybrominated Biphenyls (PBDEs)									
		Mono-Bromobiphenyl ether	Di-Bromobiphenyl ether	Tri-Bromobiphenyl ether	Tetra-Bromobiphenyl ether	Penta-bromobiphenyl ether	Hexa-Bromobiphenyl ether	Hepta-Bromobiphenyl ether	Octa-Bromobiphenyl ether	Nona-bromobiphenyl ether	Deca-Bromobiphenyl ether
1	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
2	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
3	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
4	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
5	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
6	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
7	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
8	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
9	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
10	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
11	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
12	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
13	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
14	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
15	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
16	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
17	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
18	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

Note:

1. N.D.=Not Detected
2. ppm=mg/kg

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by ENC, this document cannot be reproduced except in full with our prior written permission. The document is available on request and the brief information for its validation can be assessable and confirmed at <http://www.enc-lab.com>.



No.	Part Description	Unit	Phthalates			
			Di-(2-ethylhexyl) Phthalate (DEHP)	Benzylbutyl Phthalate (BBP)	Dibutyl Phthalate (DBP)	Diisobutyl Phthalate (DIBP)
1	Metal enclosure	mg/kg	N.D.	N.D.	N.D.	N.D.
2	Mounting bracket	mg/kg	N.D.	N.D.	N.D.	N.D.
3	Display	mg/kg	N.D.	N.D.	N.D.	N.D.
4	Button	mg/kg	N.D.	N.D.	N.D.	N.D.
5	Power in/out	mg/kg	N.D.	N.D.	N.D.	N.D.
6	Power cord	mg/kg	N.D.	N.D.	N.D.	N.D.
7	Plug	mg/kg	N.D.	N.D.	N.D.	N.D.
8	DMX IN/OUT	mg/kg	N.D.	N.D.	N.D.	N.D.
9	Lens	mg/kg	N.D.	N.D.	N.D.	N.D.
10	LED	mg/kg	N.D.	N.D.	N.D.	N.D.
11	Screws	mg/kg	N.D.	N.D.	N.D.	N.D.
12	Laser diode	mg/kg	N.D.	N.D.	N.D.	N.D.
13	Knobs	mg/kg	N.D.	N.D.	N.D.	N.D.
14	Sleeve	mg/kg	N.D.	N.D.	N.D.	N.D.
15	Internal wiring	mg/kg	N.D.	N.D.	N.D.	N.D.
16	PCB	mg/kg	N.D.	N.D.	N.D.	N.D.
17	Power supply	mg/kg	N.D.	N.D.	N.D.	N.D.
18	Label	mg/kg	N.D.	N.D.	N.D.	N.D.
MDL		mg/kg	0.003	0.003	0.003	0.003

Note:

1. N.D. =Not detected (< MDL)
2. MDL= Method Detection Limit

----END OF REPORT----

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by ENC, this document cannot be reproduced except in full with our prior written permission. The document is available on request and the brief information for its validation can be assessable and confirmed at <http://www.enc-lab.com>.

