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# Rohs Integration REPORT

**Job No** : GTSC140500091

Applicant : Shenzhen SGSLight Technology Co., Ltd

Address of Applicant : Area B, 5/F, (Phase 2) Plant, Yuexiu Electronic Co., Ltd., Baotian Industrial Park,

Xixiang Street, Bao'an Dist, Shenzhen, Guangdong, China (Mainland)

Reference information : LED Fixed Light

**Model name** : PL35-XY-1; PL35-XY-H-1; PL22-XY-1; PL18-XY-1; PL12-XY-1; PL35-XY-2;

PL35-XY-H-2

**Remark** : All above models are identical in the same PCB layout, interior structure and

electrical circuits. The only differences model name and appearance for

commercial purpose.

Report Received Date : May 15, 2014

Report Issued Date : May 21, 2014

**Test Result** : (Please refer to next page)

Remark: All reports as specified by client, determine the Lead, Cadmium, Mercury, Hexavalent Chromium and PBB& PBDE or more content in the submitted samples which are restricted in Directive 2011/65/EU as last amend by 2005/618/EC, 2005/717/EC, 2005/747/EC, 2006/310/EC, 2002/95/EC (RoHS).

Signed for and on behalf of



\*\*\*\*\*\*\*\*\*For further details, please refer to the following page(s)\*\*\*\*\*\*\*\*\*\*\*\*



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#### **Consolidation of Test Data**

			T	
No.	Test Sample	Test Lab	Report No.& Issued Date	Test Data (ppm)
1	L-1250Z COLOR:100	SGS Ltd.	CANEC1206874302 05 Jun.,2012	Cd: N.D. Pb: N.D. Hg: N.D. Cr VI: N.D. PBBS: N.D. PBDEs: N.D. Halogen: N.D.
2	UL HEAT SHRINKABLE TNBE	SGS Ltd.	CANEC1302171402 05 Mar.,2013	138 SVHC in REACH : N.D.
PVC WI	RE			
3-1	Red plastic jacket w/ black printing	SGS Ltd.	CANEC1306454701 10 May.,2013	Cd: N.D. Pb: N.D. Hg: N.D. Cr VI: N.D. PBBs: N.D. PBDEs: N.D.
3-2	Silvery metal wire	SGS Ltd.	CANEC1306454701 10 May.,2013	Cd: N.D. Pb: N.D. Hg: N.D. Cr VI: Negative
4	PVC plastic	СТІ	RHS01F002980002 30 May.,2013	Cd: N.D. Pb: N.D. Hg: N.D. Cr VI: N.D. PBBs: N.D. PBDEs: N.D.
5	2 G11 single pipe suite	SGS Ltd.	F690101/LF-CTSAYAA13- 42002R1 27 Nov.,2013	Cd: N.d. Pb: N.D. Hg: N.D. Cr VI: N.D. PBBs: N.D. PBDEs: N.D.
6	Radiator	SGS Ltd.	SHAEC1324378703 03 Jan.,2014	Cd : N.D. Pb : N.D. Hg : N.D. Cr VI : N.D.
7	PC cover	SGS Ltd.	SHAEC1324378704	Cd: N.D.



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			I	
			03 Jan.,2014	Pb : N.D.
				Hg : N.D.
				Cr VI : N.D.
				PBBs : N.D.
				PBDEs : N.D.
				Cd: N.D.
8	Before the plug	SGS Ltd.	SHAEC1324970313	Pb: N.D.
	before the plug	OOO Liu.	03 Jan.,2014	Hg: N.D.
				Cr VI : N.D.
				Cd: N.D.
9	Spell the needle cap	SGS Ltd.	SHAEC1324969629	Pb: N.D.
9		SGS Liu.	03 Jan.,2014	Hg: N.D.
				Cr VI : N.D.
				Cd: N.D.
10	After the plug	CCC 1 44	SHAEC1324970318	Pb : N.D.
10	After the plug	SGS Ltd.	03 Jan.,2014	Hg: N.D.
				Cr VI : N.D.
				Cd: N.D.
11	Round head pointed foot	CCC 1 44	SHAEC1324970319	Pb : N.D.
"	tapping screw 1	SGS Ltd.	03 Jan.,2014	Hg: N.D.
				Cr VI : N.D.
			SHAEC1324970320 03 Jan.,2014	Cd: N.D.
12	Round head pointed foot	SGS Ltd.		Pb: N.D.
12	tapping screw 2	SGS Lia.		Hg: N.D.
				Cr VI : N.D.
				Cd: N.D.
10	Round head flat foot	SGS Ltd.	SHAEC1312475408	Pb: N.D.
13	machine screws		04 Jul.,2013	Hg: N.D.
				Cr VI : N.D.
14	LE-M	SGS Ltd.		Cd: N.D.
			CANEC1302378601 08 Mar.,2013	Pb: N.D.
				Hg: N.D.
				Cr VI: Negative
15	LED0.2W2835	SGS Ltd.	CANEC1302206602 08 Mar.,2013	Cd: N.D.
				Pb: N.D.
				Hg: N.D.
				Cr VI : N.D.
16	Power Supply	SGS Ltd.	CANEC1302654703 08 Mar.,2013	Cd: N.D.
				Pb: N.D.
				Hg: N.D.
				Cr VI : Negative



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Aluminum substrate		Г			
17					
Double black power input line   SGS Ltd.   CE/2013/10450   Pb : N.D.   Cd : N.D.   Pb : N.D.   Cr VI : N.D.   Cd : N.D.   Cr VI : N.D.   Cr	17	Aluminum substrate	SGS Ltd.		
Double black power input line   SGS Ltd.   CE/2013/10450   Pb: N.D.				23 Jul.,2013	
Double black power input line   SGS Ltd.   CE/2013/10450   Pb : N.D.   Hg : N.D.   Cr VI : N.D.   Cr VI : N.D.					
18		Double black power input			
Thermally Conductive Silicone  SGS Ltd.  SGS Ltd.  CE/2013/73191  24 Jul.,2013  Black power supply output line  SGS Ltd.  SGS Ltd.  CE/2013/73192  CC vVi: N.D.  Cd: N.D.  Pb: N.D.  Cr VI: N.D.  Cd: N.D.  Pb: 360 mg/kg  Hg: N.D.  Cr VI: N.D.  Cd: N.D.  Pb: 360 mg/kg  Hg: N.D.  Cr VI: N.D.  Cd: N.D.  PBDEs: N.D.  PBDEs: N.D.  Cd: N.D.  Pb: N.D.  Hg: N.D.  Cd: N.D.  PBDEs: N.D.  Cd: N.D.  Pb: N.D.  Hg: N.D.  Cd: N.D.  Pb: N.D.  Hg: N.D.  Cd: N.D.  Cd: N.D.  Pb: N.D.  Cd: N.D.  Pb: N.D.  Hg: N.D.  Cd: N.D.  Cd: N.D.  Pb: N.D.  Cd: N.D.  Pb: N.D.  Hg: N.D.  Cd: N.D.  Cr VI: N.D.  Cd: N.D.  Pb: N.D.  Hg: N.D.  Cr VI: N.D.  Cd: N.D.  Pb: N.D.  Hg: N.D.  Cr VI: N.D.  Cd: N.D.  Pb: N.D.  Cr VI: N.D.	18	•	SGS Ltd.		
Thermally Conductive Silicone  SGS Ltd.  CE/2013/73191 Pb: N.D. Pb: N.D. Hg: N.D. Cr VI: N.D. Cd: N.D. Pb: 360 mg/kg Hg: N.D. Cr VI: Negative PBBs: N.D. PBDEs: N.D. PBDEs: N.D. PBDEs: N.D. Cd: N.D. Pb: N.D. PBDEs: N.D. PBDEs: N.D. PBDEs: N.D. PBDEs: N.D. Cr VI: N.D. Cd: N.D. Pb: N.D. Pb: N.D. Cr VI: N.D. Cd: N.D. Pb: N.D. Cr VI: N.D. Cd: N.D. Pb: N.D. Cr VI: N.D.			000 =10.	09 Jan.,2013	1 -
Thermally Conductive   SGS Ltd.   CE/2013/73191   Pb : N.D.   Hg : N.D.   Cr VI : N.D.   Cr VI : N.D.   Cd : N.D.   Pb : 360 mg/kg   Hg : N.D.   Cr VI : N					
Silicone   SGS Ltd.   24 Jul.,2013   Hg : N.D.   Cr VI : N.D.					
Silicone   24 Jul.,2013   Hg: N.D.   Cr VI: N.D.	19	=	SGS Ltd		
Black power supply output line   SGS Ltd.   CE/2013/73192   Hg: N.D.   Cr VI :Negative   PBBs: N.D.   PBDEs: N.D.		Silicone	000 2.a.		"
Black power supply output line   SGS Ltd.   CE/2013/73192   Hg : N.D.   Cr VI : Negative   PBBs : N.D.   PBDEs : N.D.					
Black power supply output line   SGS Ltd.   CE/2013/73192   Hg: N.D.   Cr VI :Negative   PBBs: N.D.   PBDEs: N.D.					
24 Jul.,2013   Cr VI :Negative   PBBs : N.D.   PBDEs : N.D.					
SGS Ltd.	20	Black power supply output	SGS Ltd	CE/2013/73192	Hg : N.D.
Red power output line   SGS Ltd.   AGC00523130501RC01   Pb: N.D.   Pb: N.D.   Hg: N.D.   Cr VI: N.D.	20	line	OOO Lia.	24 Jul.,2013	
Red power output line   SGS Ltd.   AGC00523130501RC01					
Red power output line   SGS Ltd.   AGC00523130501RC01   Pb : N.D.   Hg : N.D.   Cr VI : N.D.					PBDEs : N.D.
SGS Ltd.   14 May.,2013   Hg : N.D.   Cr VI : N.D.					Cd : N.D.
14 May.,2013   Hg : N.D.   Cr VI : N.D.	21	Red power output line	SGS 1 t4		Pb : N.D.
Solder   SGS Ltd.   KA201310473   Pb : N.D.   Hg : N.D.   Cr VI : N.D.   Cr VI : N.D.	21		SGS Ltd.		Hg : N.D.
22       Solder       SGS Ltd.       KA201310473					Cr VI : N.D.
SGS Ltd.   21 Jan.,2013   Hg : N.D.   Cr VI : N.D.					Cd: N.D.
21 Jan.,2013  Hg: N.D. Cr VI: N.D.  Solder paste  SGS Ltd.  KA201310483  Pb: N.D. Hg: N.D. Cd: N.D. Hg: N.D. Cr VI: N.D. Cr VI: N.D. Cr VI: N.D. Cr VI: N.D. Cd: N.D. Pb: N.D. Pb: N.D. Pb: N.D. Pb: N.D. Cr VI: N.D.	22	Solder	SGS Ltd		Pb : N.D.
Solder paste  SGS Ltd.  SGS Ltd.  SGS Ltd.  KA201310483 21 Jan.,2013  Hg: N.D. Cr VI: N.D. Cd: N.D. Pb: N.D. Cd: N.D. Pb: N.D. Cd: N.D. Pb: N.D. Pb: N.D. Pb: N.D. Cr VI: N.D.	22		OOO Liu.		Hg : N.D.
23         Solder paste         SGS Ltd.         KA201310483 21 Jan.,2013         Pb : N.D. Hg : N.D. Cr VI : N.D.           24         Heat-shrinkable T bush         SGS Ltd.         CANEC1216475801 O7 Dec.,2013         Hg : N.D. Cr VI : N.D. Cr VI : N.D.					Cr VI : N.D.
23 SGS Ltd. 21 Jan.,2013 Hg: N.D. Cr VI: N.D.  Cd: N.D. Pb: N.D. Pb: N.D. Hg: N.D. Cr VI:					Cd: N.D.
21 Jan.,2013 Hg: N.D. Cr VI: N.D.  Cd: N.D. Pb: N.D. Pb: N.D. Hg: N.D. Cd: N.D. Pb: N.D. CANEC1216475801 Hg: N.D. Cr VI: N.D. Cr VI: N.D.	23	Solder paste	SGS 1 td	KA201310483	Pb: N.D.
24 Heat-shrinkable T bush SGS Ltd. CANEC1216475801 Hg: N.D. Cr VI: N.D. Cr VI: N.D.	20		SGS Lta.	21 Jan.,2013	"
24 Heat-shrinkable T bush SGS Ltd. CANEC1216475801 Hg : N.D. Cr VI : N.D. Cr VI : N.D.					Cr VI : N.D.
24 Heat-shrinkable T bush SGS Ltd. CANEC1216475801 Hg : N.D. Cr VI : N.D.	24	Heat-shrinkable T bush	SGS Ltd.		Cd : N.D.
24 Heat-shrinkable T bush SGS Ltd. 07 Dec.,2013 Cr VI : N.D.					Pb: N.D.
07 Dec.,2013 Cr VI : N.D.					Hg: N.D.
PBBs : N.D.					Cr VI : N.D.
					PBBs : N.D.
PBDEs : N.D.					PBDEs : N.D.
Cd: N.D.	25	Silicone rubber	SGS Ltd.		Cd : N.D.
CANEC1217888701 Pb : N.D.				CANEC1217888701	Pb: N.D.
Silicone rubber SGS Ltd. 05 Jan.,2013 Hg : N.D.				05 Jan.,2013	Hg: N.D.
Cr VI : N.D.					Cr VI : N.D.
	26	Power pack	SGS Ltd.	SHAEC1325611201	Cd: N.D.
25 Silicone rubber SGS Ltd. CANEC1217888701 Pb : N.D. Hg : N.D.	23	Solder paste  Heat-shrinkable T bush	SGS Ltd.	21 Jan.,2013  KA201310483 21 Jan.,2013  CANEC1216475801 07 Dec.,2013  CANEC1217888701	Hg: N.D. Cr VI: N.D. Cd: N.D. Pb: N.D. Hg: N.D. Cr VI: N.D. Cd: N.D. Pb: N.D. Hg: N.D. Cr VI: N.D. PBBs: N.D. PBDEs: N.D. PBDEs: N.D. PBDEs: N.D. Pb: N.D.
	26	Power pack	SGS Ltd.	SHAEC1325611201	Cd: N.D.



**Test Report** 

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	06 Jan.,2014	Pb : 11 mg/kg
		Hg: N.D.
		Cr VI : N.D.
		PBBs : N.D.
		PBDEs : N.D.

#### Note:

PBBs Limit=1000mg/kg, PBDEs Limit=1000mg/kg

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N.D.= Not Detected(<MDL)

MDL= Method Detection Limit

Not detected is reported when the reading is less than detection limit value.

- 1) This report is not a formal test report but only consolidating the test date listed above;
- 2) The above test report which is not issued by GTS is offered by the applicant as a reference of consolidated data:
- 3) GTS has not conducted any verification on the test data in the above test reports that are not issued by GTS.
- 4) This report can not by issued repeatedly unless there is a written approval by the lab.



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### **APPENDIX** I

#### **Sample Photo**







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