Technical Report No. 68.402.20.0882.02
Rev. 03
Dated 2020-12-09

Client:	Lead Opto-technology Co., Limited
Address:	Laowei Village Group, Yuechang Village, Xinxu Town, Huiyang District, Huizhou City, Guangdong Province, China.
Attn.:	Ms. Amy Cai
Sample Description:	Solar LED Light
Tested Model No.:	LD-SFL-2W-Flame, LD-SWL-15W-Transformer, LD-SSL-40W-Pro, LD-SBL-10W-iLead, LD-UVC-5W, LSD-SNL-3.5W-Fairy, LD-SFL-5W-LeadPad, LD-SFL-10W-LeadPad LSD-SWL-1.5WPlus-Butterfly, LD-SSL-4W-Pro, LSD-SWL-6.8W-Butterfly, LD-SFL-10W-TwinsPad-PIR, LD-SPL-20W-Guardian
Ref. Model No.:	Please refer to APPENDIX II
Sample Received Date:	2020-09-11, 2020-11-12
Test Period:	From 2020-09-11 to 2020-10-21; From 2020-11-12 to 2020-11-17
Location of Testing:	TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
Purpose of examination:	Verification of RoHS (Restriction of Hazardous Substances) directive 2011/65/EU and its amendment (EU) 2015/863 on submitted samples
Test Result:	Refer to following page(s)
Remark:	- The result relates only to the items tested. - The reference model(s) was declared by client.

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TÜV SÜD Group

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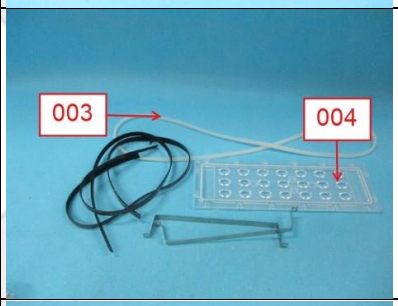
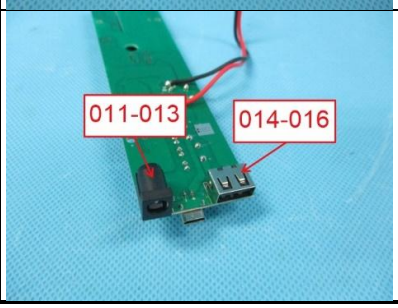
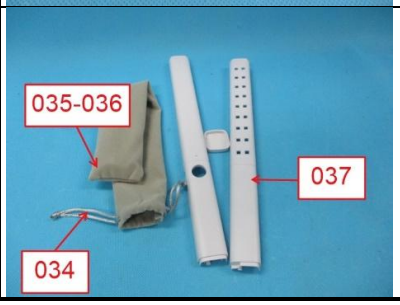
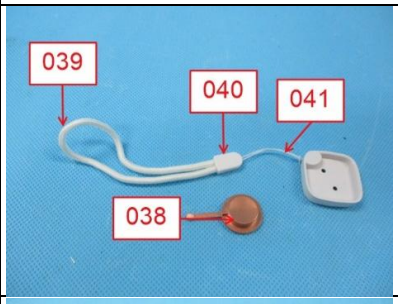
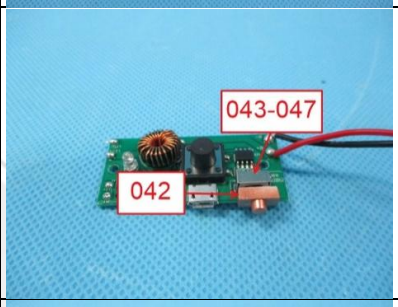
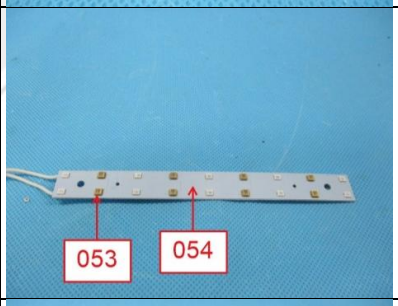
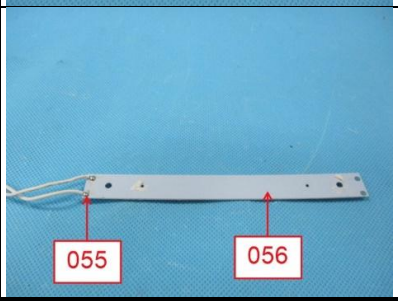
SUMMARY OF TEST RESULTS

No.	Test Requested	Conclusion	Remarks
1.	Heavy Metal (Pb, Cd, Hg and Cr VI) Content	**PASS**	
2.	Polybrominated Biphenyls (PBBs) and Polybrominated Diphenyl Ethers (PBDEs) Content	**PASS**	
3.	Phthalates (DEHP, BBP, DBP and DIBP) Content	**PASS**	

1. TESTED SUBJECT DESCRIPTION

Sample Number	Item Name	Tested Material Description	Photo
001	Glue	White glue	
002	Case	Black plastic case	
003	Gasket	Translucent soft plastic gasket	
004	Case	Transparent plastic case	
005	Switch	Black plastic button	
006		Silvery metal spring	
007		Gray plastic button	
008		Silvery metal button	
009		Black plastic case	
010		Silvery metal pin	
011	Socket	Black plastic shell	
012		Silvery metal plate	
013		Silvery metal pin	
014		Silvery metal shell	
015		Black plastic holder	
016		Silvery/Golden metal pin	

Sample Number	Item Name	Tested Material Description	Photo
017	Sleeve	White plastic sleeve	
018	Pipe	Silvery metal pipe	
019	Screw	Silvery metal screw	
020	Plug parts	White soft plastic shell	
021		Silvery metal solder	
022		Silvery metal shell	
023		White plastic holder	
024		Silvery/Golden metal pin	
025	Plug parts	White soft plastic shell	
026		Silvery metal shell	
027		Silvery/Golden holder	
028		Black plastic holder	
029		Silvery/Golden metal pin	
030	Cable	White soft plastic cable jacket	
031	Wire	Pink soft plastic wire jacket	
032		Light yellow soft plastic wire jacket	
033		Coppery metal wire	
034	Tape	Silvery fiber tape	
035	Wire	Gray fiber wire	
036	Cloth	Gray/Dark gray fiber cloth	
037	Case	White plastic case	

Sample Number	Item Name	Tested Material Description	Photo
038	Button	Coppery coated white plastic button	
039	Tape	White fiber tape	
040	Holder	White plastic holder	
041	Wire	White fiber wire	
042	Button	Coppery coated white plastic button	
043		Black plastic button	
044		Silvery metal shell	
045		Silvery metal foil	
046		beige plastic base	
047		Silvery metal pin	
048	Switch	Black plastic button	
049		Silvery metal plate	
050		Silvery metal foil	
051		Black plastic case	
052		Silvery metal pin	
053	LED	Transparent beige body	
054		Transparent white body	
055	Solder	Silvery metal solder	
056	PCB unit	White PCB board	

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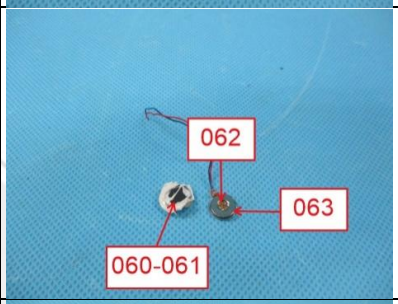
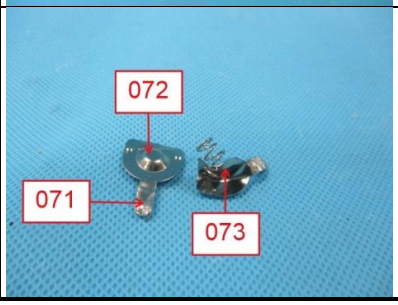
Sample Number	Item Name	Tested Material Description	Photo
057	Wire	Red soft plastic wire jacket	
058		Blue soft plastic wire jacket	
059		Silvery metal wire	
060	Motor parts	Black plastic	
061		Silvery metal shell	
062		Silvery metal shaft	
063		Silvery magnet	
064	Motor parts	Coppery metal coil	
065		Green PCB board	
066		Golden metal holder	
067		Silvery metal plate	
068		Black plastic	
069	Gasket	White soft plastic gasket	
070	Tape	Gray soft plastic tape	
071	Solder	Silvery metal solder	
072	Plate	Silvery metal plate	
073	Spring	Silvery metal spring	

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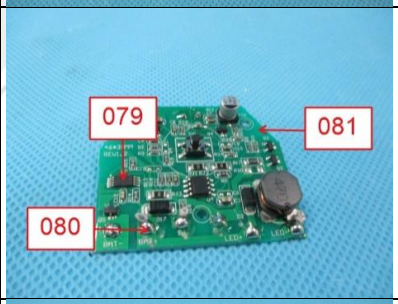
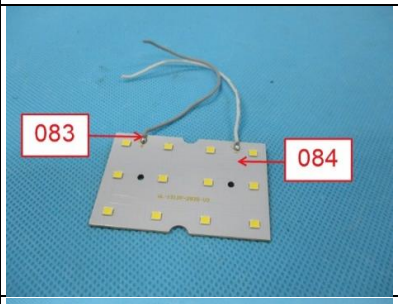
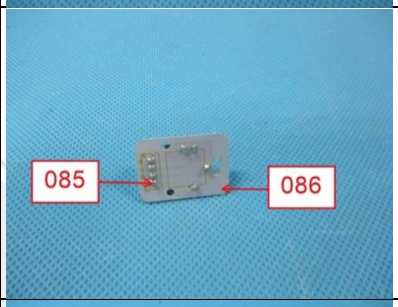
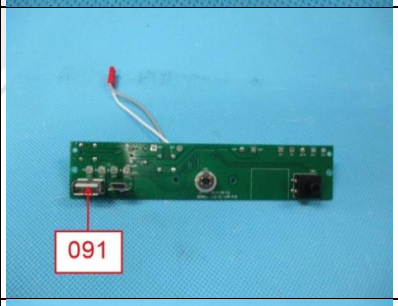
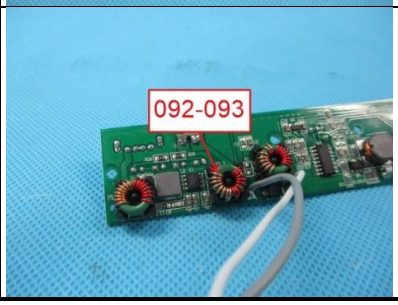
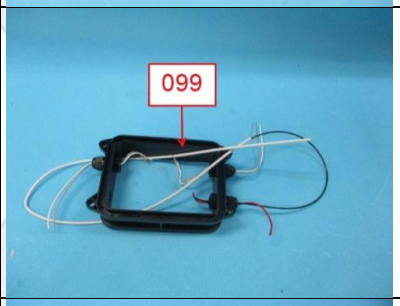
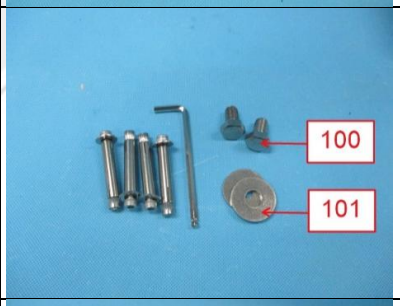
Sample Number	Item Name	Tested Material Description	Photo
074	Screw	Silvery metal screw	
075	Sleeve	Yellow plastic sleeve	
076	Holder	Golden metal holder	
077		Black plastic holder	
078	Screw	Black coated silvery metal screw	
079	IC	Black body with pin	
080	Solder	Silvery metal solder	
081	PCB unit	Green/Beige PCB board	
082	Paper	White paper	

Sample Number	Item Name	Tested Material Description	Photo
083	Solder	Silvery metal solder	
084	PCB unit	White/Yellow PCB board	
085	Solder	Silvery metal solder	
086	PCB unit	White/Beige PCB board	
087	Port	White plastic shell	
088		Silvery metal pin	
089		White plastic shell	
090		Silvery metal pin	
091	Socket	White plastic holder	
092	Inductor	Black plastic holder	
093		Silvery metal pin	

Sample Number	Item Name	Tested Material Description	Photo
094	Coating	Dark gray coating	
095	Case	Silvery metal case	
096	Coating	Black coating	
097	Case	Silvery metal case	
098	Holder	Silvery metal holder	
099	Sleeve	White fiber sleeve	
100	Screw	Silvery metal screw	
101	Gasket	Silvery metal gasket	
102	Case	Black plastic case	

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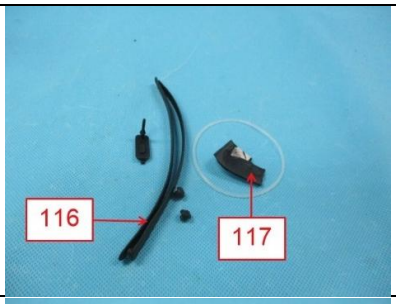
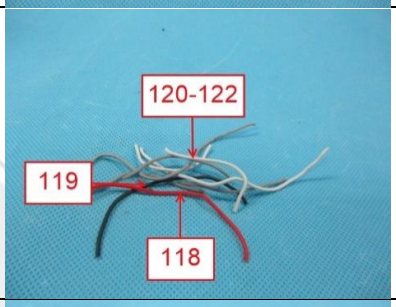
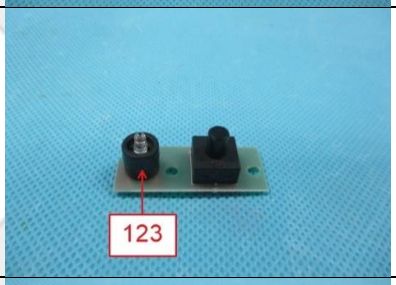
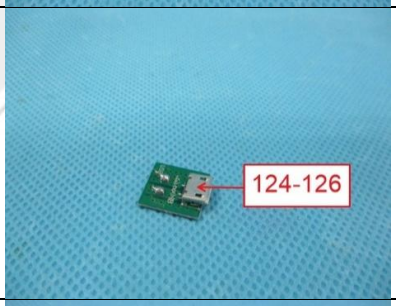
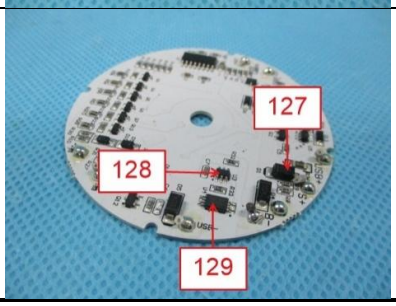
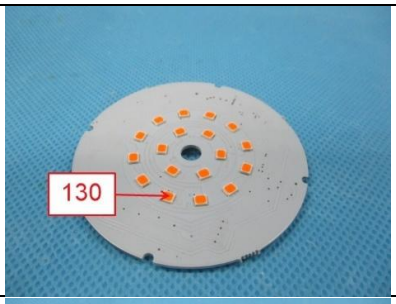
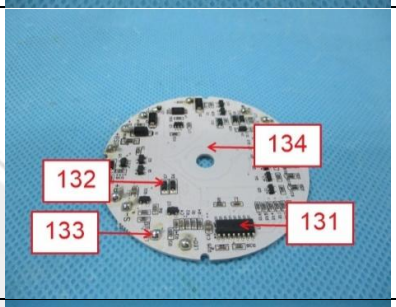
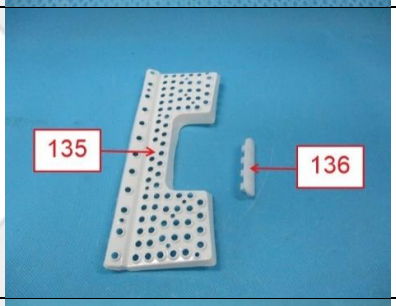
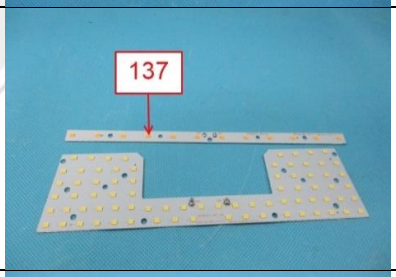
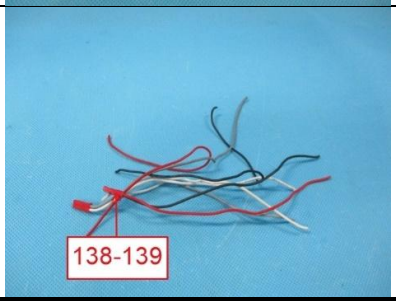
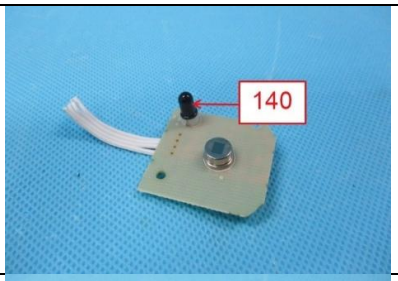
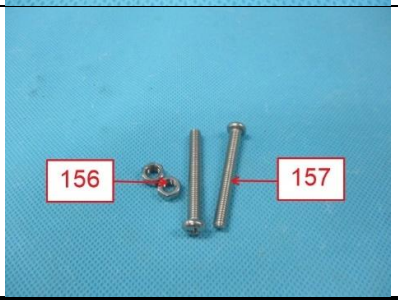
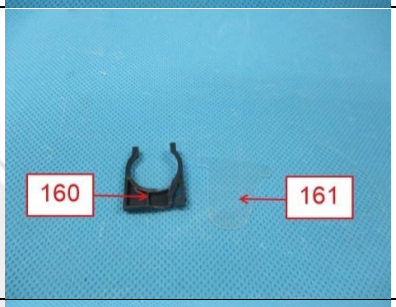
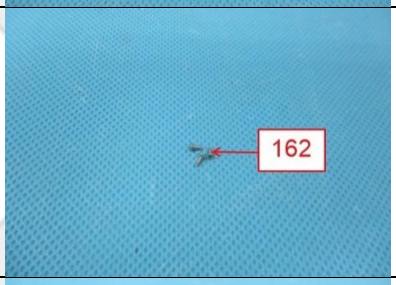
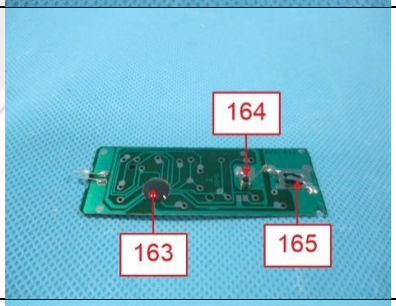
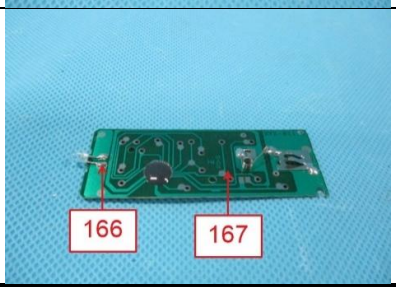
Sample Number	Item Name	Tested Material Description	Photo
103	Cable	Black soft plastic cable jacket	
104	Wire	Red soft plastic wire jacket	
105		Black soft plastic wire jacket	
106		Coppery metal wire	
107	Inductor	Black plastic holder	
108	Button	Dark green soft plastic button	
109	Case	Transparent black plastic case	
110	Case	Black plastic case	
111	Pipe	Black plastic pipe	
112	Holder	Black plastic holder	
113	Case	Transparent plastic case	
114	PCB unit	Black/Beige PCB board	
115	Case	Transparent plastic case	

Sample Number	Item Name	Tested Material Description	Photo
116	Tape	Black soft plastic tape	
117	Foam	Black foam with glue	
118	Wire	Red soft plastic wire jacket	
119		Black soft plastic wire jacket	
120		White soft plastic wire jacket	
121		Gray soft plastic wire jacket	
122		Silvery metal wire	
123	Holder	Black plastic holder	
124	Socket	Silvery metal shell	
125		Black plastic holder	
126		Silvery/Golden metal pin	
127	EC	Black body with pin	
128	EC	Black body with pin	
129	IC	Black body with pin	

Sample Number	Item Name	Tested Material Description	Photo
130	LED	Orange/White glue	
131	IC	Black body with pin	
132	EC	Black body	
133	Solder	Silvery metal solder	
134	PCB unit	White PCB board	
135	Plate	White plastic plate	
136	Button	White soft plastic button	
137	LED	Dark yellow/White body	
138	Port	Red plastic shell	
139		Silvery metal pin	

Sample Number	Item Name	Tested Material Description	Photo
140	LED	Black plastic LED	
141	Capacitor	Black printed silvery metal shell	
142		Black soft plastic	
143		Brown paper with liquid	
144		Silvery metal foil	
145		Black plastic base	
146		Silvery metal pin	
147	EC	Black body with pin	
148	Inductor	Black magnet	
149		Coppery metal coil	
150	EC	Black body with pin	
151	Switch	Black plastic button	
152		Silvery metal plate	
153		Silvery metal foil	
154		Black plastic base	
155		Silvery metal pin	
156	Nut	Silvery metal nut	
157	Screw	Silvery metal screw	

Sample Number	Item Name	Tested Material Description	Photo
158	Plate	Multi-color printed white plastic plate	
159	Case	Black plastic case	
160	Holder	Black plastic holder	
161	Plate	Transparent plastic plate	
162	Screw	Silvery metal screw	
163	Material	Dark gray material	
164	Spring	Silvery metal spring	
165	Plate	Silvery metal plate	
166	Solder	Silvery metal solder	
167	PCB unit	Green/Brown PCB board	

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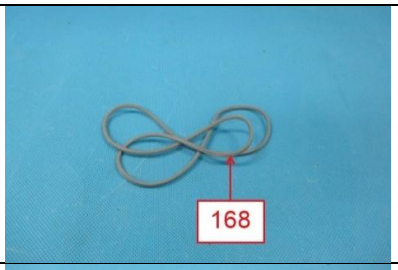
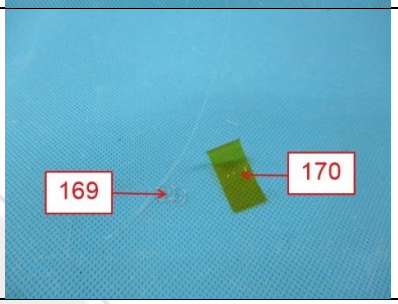
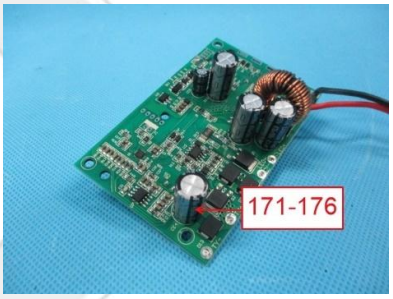
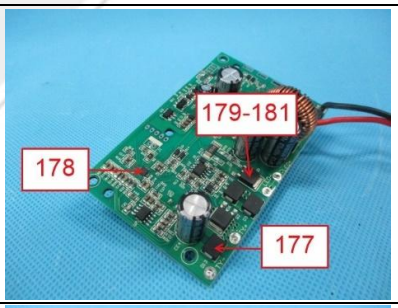
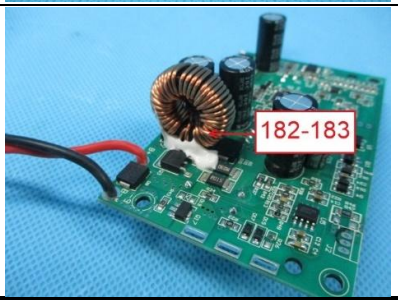
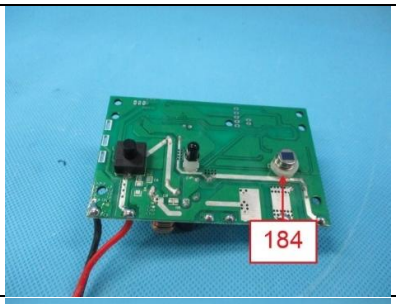
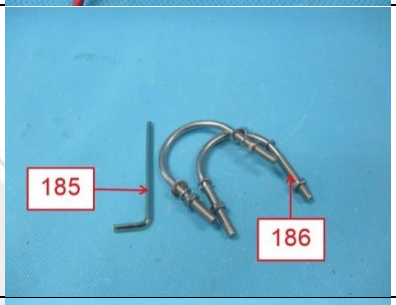
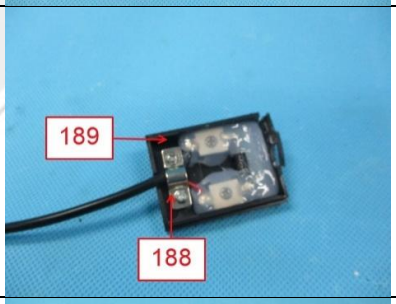
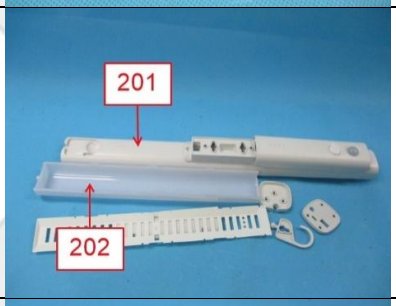
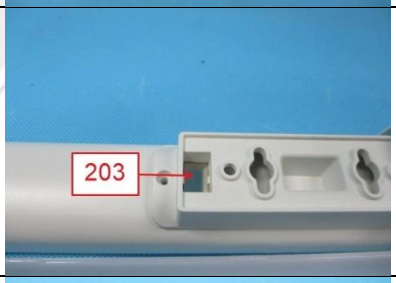
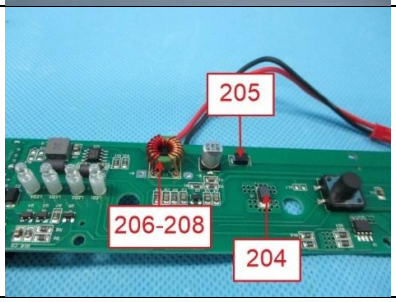
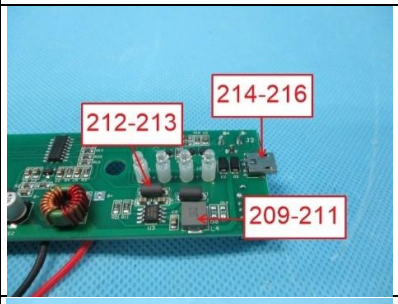
Sample Number	Item Name	Tested Material Description	Photo
168	Gasket	Gray soft plastic gasket	
169	Gasket	Transparent plastic gasket	
170	Film	Transparent yellow plastic film	
171	Capacitor	White printed black plastic sleeve	
172		Silvery metal shell	
173		Black soft plastic	
174		Brown paper with liquid	
175		Silvery metal foil	
176		Silvery metal pin	
177	EC	Black body with pin	
178	IC	Black body with pin	
179	MOSFET transistor	Black body	
180		Silvery/Coppery metal plate with solder	
181		Silvery metal pin	
182	Inductor	Black magnet	
183		Coppery metal coil	

Sample Number	Item Name	Tested Material Description	Photo
184	Holder	White plastic holder	
185	Shaft	Silvery metal shaft	
186	Screw	Silvery metal screw	
187	Plate	Multi-color printed silvery plastic plate	
188	Plate	Silvery metal plate	
189	Case	Black plastic case	
190	Plug parts	Black soft plastic shell	
191		Silvery metal solder	
192		Silvery metal shell	
193		Black plastic holder	
194		Silvery metal pin	

Sample Number	Item Name	Tested Material Description	Photo
195	Cable	Black soft plastic cable jacket	
196	Wire	Red soft plastic wire jacket	
197		Black soft plastic wire jacket	
198		Coppery metal wire	
199	Nut	Black plastic nut	
200	Screw	Silvery metal screw	
201	Case	Beige plastic case	
202		White plastic case	
203	Magnet	Silvery magnet	
204	EC	Black body with pin	
205	EC	Black body with pin	
206	Inductor	Green magnet	
207		Coppery metal coil	
208		Red metal coil	
209	Inductor	Black printed black magnet	

Sample Number	Item Name	Tested Material Description	Photo
210		Coppery metal coil	
211		Silvery metal plate	
212	Magnet	Black magnet	
213	Pin	Silvery metal pin	
214	Socket	Silvery metal shell	
215		Black plastic holder	
216		Silvery/Golden metal pin	
217	Base	Black plastic base	
218		Silvery/Golden metal pin	

2. TEST RESULTS

2.1. SCREENING TEST

Test method: With reference to EN 62321-1:2013, EN 62321-2:2014, EN 62321-3-1:2014 and EN 62321-8:2017. For Heavy Metals and Flame Retardants, analyzed by Energy Dispersive X-ray Fluorescence Spectrometers (XRF); for phthalates, analyzed by Gas Chromatography and Mass Spectrometry (GC-MS).

Sample No.	Heavy Metals and Flame Retardants					Phthalates			
	Cd	Cr	Hg	Pb	Br	DEHP	BBP	DBP	DIBP
001	BL	BL	BL	BL	BL	BL	BL	BL	BL
002	BL	BL	BL	BL	Inc.[(a)]	BL	BL	BL	BL
003	BL	BL	BL	BL	BL	BL	BL	BL	BL
004	BL	BL	BL	BL	BL	BL	BL	BL	BL
005	BL	BL	BL	BL	BL	BL	BL	BL	BL
006	BL	BL	BL	BL	NA	NA	NA	NA	NA
007	BL	BL	BL	BL	BL	BL	BL	BL	BL
008	BL	BL	BL	BL	NA	NA	NA	NA	NA
009	BL	BL	BL	BL	BL	BL	BL	BL	BL
010	BL	BL	BL	BL	NA	NA	NA	NA	NA
011	BL	BL	BL	BL	BL	BL	BL	BL	BL
012	BL	BL	BL	BL	NA	NA	NA	NA	NA
013	BL	BL	BL	BL	NA	NA	NA	NA	NA
014	BL	BL	BL	BL	NA	NA	NA	NA	NA
015	BL	BL	BL	BL	BL	BL	BL	BL	BL
016	BL	BL	BL	BL	NA	NA	NA	NA	NA
017	BL	BL	BL	BL	BL	BL	BL	BL	BL
018	BL	Inc.[(a)]	BL	BL	NA	NA	NA	NA	NA
019	BL	Inc.[(a)]	BL	BL	NA	NA	NA	NA	NA
020	BL	BL	BL	BL	BL	BL	BL	BL	BL
021	BL	BL	BL	BL	NA	NA	NA	NA	NA
022	BL	BL	BL	BL	NA	NA	NA	NA	NA
023	BL	BL	BL	BL	BL	BL	BL	BL	BL
024	BL	BL	BL	BL	NA	NA	NA	NA	NA
025	BL	BL	BL	BL	BL	BL	BL	BL	BL
026	BL	Inc.[(a)]	BL	BL	NA	NA	NA	NA	NA
027	BL	Inc.[(a)]	BL	BL	BL	BL	BL	BL	BL

Sample No.	Heavy Metals and Flame Retardants					Phthalates			
	Cd	Cr	Hg	Pb	Br	DEHP	BBP	DBP	DIBP
028	BL	BL	BL	BL	Inc.[a]	BL	BL	BL	BL
029	Inc.[a]	BL	BL	BL	NA	NA	NA	NA	NA
030	BL	BL	BL	BL	BL	BL	BL	BL	BL
031	BL	BL	BL	BL	BL	BL	BL	BL	BL
032	BL	BL	BL	BL	BL	BL	BL	BL	BL
033	BL	BL	BL	BL	NA	NA	NA	NA	NA
034	BL	BL	BL	BL	BL	BL	BL	BL	BL
035	BL	BL	BL	BL	BL	BL	BL	BL	BL
036	BL	BL	BL	BL	BL	BL	BL	BL	BL
037	BL	BL	BL	BL	Inc.[a]	BL	BL	BL	BL
038	Inc.[a]	BL	BL	BL	Inc.[a]	BL	BL	BL	BL
039	BL	BL	BL	BL	BL	BL	BL	BL	BL
040	BL	BL	BL	BL	BL	BL	BL	BL	BL
041	BL	BL	BL	BL	BL	BL	BL	BL	BL
042	BL	BL	BL	BL	Inc.[a]	BL	BL	BL	BL
043	BL	BL	BL	BL	BL	BL	BL	BL	BL
044	BL	BL	BL	BL	NA	NA	NA	NA	NA
045	BL	BL	BL	BL	NA	NA	NA	NA	NA
046	BL	BL	BL	BL	BL	BL	BL	BL	BL
047	BL	BL	BL	BL	NA	NA	NA	NA	NA
048	BL	BL	BL	BL	BL	BL	BL	BL	BL
049	BL	BL	BL	BL	NA	NA	NA	NA	NA
050	BL	Inc.[a]	BL	BL	NA	NA	NA	NA	NA
051	BL	BL	BL	BL	Inc.[a]	BL	BL	BL	BL
052	BL	BL	BL	BL	NA	NA	NA	NA	NA
053	BL	BL	BL	BL	BL	BL	BL	BL	BL
054	BL	BL	BL	BL	Inc.[a]	BL	BL	BL	BL
055	BL	BL	BL	BL	NA	NA	NA	NA	NA
056	BL	BL	BL	Inc.[a]	Inc.[a]	BL	BL	BL	BL
057	BL	BL	BL	BL	BL	BL	BL	BL	BL
058	BL	BL	BL	BL	BL	BL	BL	BL	BL
059	BL	BL	BL	BL	NA	NA	NA	NA	NA

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Sample No.	Heavy Metals and Flame Retardants					Phthalates			
	Cd	Cr	Hg	Pb	Br	DEHP	BBP	DBP	DIBP
060	BL	BL	BL	BL	BL	BL	BL	BL	BL
061	BL	BL	BL	BL	NA	NA	NA	NA	NA
062	BL	**Inc.**[(a)]	BL	BL	NA	NA	NA	NA	NA
063	BL	BL	BL	BL	NA	NA	NA	NA	NA
064	BL	BL	BL	BL	NA	NA	NA	NA	NA
065	BL	BL	BL	BL	**Inc.**[(a)]	BL	BL	BL	BL
066	BL	BL	BL	BL	NA	NA	NA	NA	NA
067	BL	BL	BL	BL	NA	NA	NA	NA	NA
068	BL	BL	BL	BL	BL	BL	BL	BL	BL
069	BL	BL	BL	BL	BL	BL	BL	BL	BL
070	BL	BL	BL	BL	**Inc.**[(a)]	BL	BL	BL	BL
071	BL	BL	BL	BL	NA	NA	NA	NA	NA
072	BL	BL	BL	BL	NA	NA	NA	NA	NA
073	BL	BL	BL	BL	NA	NA	NA	NA	NA
074	BL	**Inc.**[(a)]	BL	BL	NA	NA	NA	NA	NA
075	BL	BL	BL	BL	BL	BL	BL	BL	BL
076	BL	**Inc.**[(a)]	BL	BL	NA	NA	NA	NA	NA
077	BL	BL	BL	BL	**Inc.**[(a)]	BL	BL	BL	BL
078	BL	BL	BL	BL	NA	NA	NA	NA	NA
079	BL	BL	BL	BL	BL	BL	BL	BL	BL
080	BL	BL	BL	BL	NA	NA	NA	NA	NA
081	BL	BL	BL	BL	**Inc.**[(a)]	BL	BL	BL	BL
082	BL	BL	BL	BL	BL	BL	BL	BL	BL
083	BL	BL	BL	BL	NA	NA	NA	NA	NA
084	BL	BL	BL	BL	**Inc.**[(a)]	BL	BL	BL	BL
085	BL	BL	BL	BL	NA	NA	NA	NA	NA
086	BL	BL	BL	BL	**Inc.**[(a)]	BL	BL	BL	BL
087	BL	BL	BL	BL	BL	BL	BL	BL	BL
088	BL	BL	BL	BL	NA	NA	NA	NA	NA
089	BL	BL	BL	BL	BL	BL	BL	BL	BL
090	BL	BL	BL	BL	NA	NA	NA	NA	NA
091	BL	BL	BL	BL	BL	BL	BL	BL	BL

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Sample No.	Heavy Metals and Flame Retardants					Phthalates			
	Cd	Cr	Hg	Pb	Br	DEHP	BBP	DBP	DIBP
092	BL	BL	BL	BL	BL	BL	BL	BL	BL
093	BL	BL	BL	BL	NA	NA	NA	NA	NA
094	BL	BL	BL	**Inc.**[(a)]	BL	BL	BL	BL	BL
095	BL	**Inc.**[(a)]	BL	**Inc.**[(a)]	NA	NA	NA	NA	NA
096	BL	BL	BL	BL	BL	BL	BL	BL	BL
097	BL	BL	BL	BL	NA	NA	NA	NA	NA
098	BL	**Inc.**[(a)]	BL	BL	NA	NA	NA	NA	NA
099	BL	BL	BL	BL	BL	BL	BL	BL	BL
100	BL	**Inc.**[(a)]	BL	BL	NA	NA	NA	NA	NA
101	BL	**Inc.**[(a)]	BL	BL	NA	NA	NA	NA	NA
102	BL	BL	BL	BL	**Inc.**[(a)]	BL	BL	BL	BL
103	BL	BL	BL	BL	BL	BL	BL	BL	BL
104	BL	BL	BL	BL	BL	BL	BL	BL	BL
105	BL	BL	BL	BL	BL	BL	BL	BL	BL
106	BL	BL	BL	BL	NA	NA	NA	NA	NA
107	BL	BL	BL	BL	**Inc.**[(a)]	BL	BL	BL	BL
108	BL	BL	BL	BL	BL	BL	BL	BL	BL
109	BL	BL	BL	BL	BL	BL	BL	BL	BL
110	BL	BL	BL	BL	**Inc.**[(a)]	BL	BL	BL	BL
111	BL	BL	BL	BL	**Inc.**[(a)]	BL	BL	BL	BL
112	BL	BL	BL	BL	BL	BL	BL	BL	BL
113	BL	BL	BL	BL	BL	BL	BL	BL	BL
114	BL	BL	BL	BL	**Inc.**[(a)]	BL	BL	BL	BL
115	BL	BL	BL	BL	BL	BL	BL	BL	BL
116	BL	BL	BL	BL	BL	BL	BL	BL	BL
117	BL	BL	BL	BL	BL	BL	BL	**Inc.**[(a)]	BL
118	BL	BL	BL	BL	BL	BL	BL	**Inc.**[(a)]	BL
119	BL	BL	BL	BL	BL	BL	BL	**Inc.**[(a)]	BL
120	BL	BL	BL	BL	BL	BL	BL	**Inc.**[(a)]	BL
121	BL	BL	BL	BL	BL	BL	BL	**Inc.**[(a)]	BL
122	BL	BL	BL	BL	NA	NA	NA	NA	NA
123	BL	BL	BL	BL	**Inc.**[(a)]	BL	BL	BL	BL

Sample No.	Heavy Metals and Flame Retardants					Phthalates			
	Cd	Cr	Hg	Pb	Br	DEHP	BBP	DBP	DIBP
124	BL	BL	BL	BL	NA	NA	NA	NA	NA
125	BL	BL	BL	BL	BL	BL	BL	BL	BL
126	BL	BL	BL	BL	NA	NA	NA	NA	NA
127	BL	BL	BL	BL	**Inc.**[(a)]	BL	BL	BL	BL
128	BL	BL	BL	BL	BL	BL	BL	BL	BL
129	BL	BL	BL	BL	BL	BL	BL	BL	BL
130	BL	BL	BL	BL	BL	BL	BL	BL	BL
131	BL	BL	BL	BL	BL	BL	BL	BL	BL
132	BL	BL	BL	BL	BL	BL	BL	BL	BL
133	BL	BL	BL	BL	NA	NA	NA	NA	NA
134	BL	BL	BL	BL	**Inc.**[(a)]	BL	BL	BL	BL
135	BL	BL	BL	BL	BL	BL	BL	BL	BL
136	BL	BL	BL	BL	BL	BL	BL	BL	BL
137	BL	BL	BL	BL	BL	BL	BL	BL	BL
138	BL	BL	BL	BL	BL	BL	BL	BL	BL
139	BL	BL	BL	BL	NA	NA	NA	NA	NA
140	BL	BL	BL	BL	**Inc.**[(a)]	BL	BL	BL	BL
141	BL	BL	BL	BL	NA	NA	NA	NA	NA
142	BL	BL	BL	BL	BL	BL	BL	BL	BL
143	BL	BL	BL	BL	BL	BL	BL	BL	BL
144	BL	BL	BL	BL	NA	NA	NA	NA	NA
145	BL	BL	BL	BL	BL	BL	BL	BL	BL
146	BL	BL	BL	BL	NA	NA	NA	NA	NA
147	BL	BL	BL	BL	**Inc.**[(a)]	BL	BL	BL	BL
148	BL	BL	BL	BL	NA	NA	NA	NA	NA
149	BL	BL	BL	BL	NA	NA	NA	NA	NA
150	BL	BL	BL	BL	BL	BL	BL	BL	BL
151	BL	BL	BL	BL	BL	BL	BL	BL	BL
152	BL	BL	BL	BL	NA	NA	NA	NA	NA
153	BL	**Inc.**[(a)]	BL	BL	NA	NA	NA	NA	NA
154	BL	BL	BL	BL	BL	BL	BL	BL	BL
155	BL	BL	BL	**OL**[(a)]	NA	NA	NA	NA	NA

Sample No.	Heavy Metals and Flame Retardants					Phthalates			
	Cd	Cr	Hg	Pb	Br	DEHP	BBP	DBP	DIBP
156	BL	**Inc.[(a)]**	BL	BL	NA	NA	NA	NA	NA
157	BL	**Inc.[(a)]**	BL	BL	NA	NA	NA	NA	NA
158	BL	BL	BL	BL	BL	BL	BL	BL	BL
159	BL	BL	BL	BL	BL	BL	BL	BL	BL
160	BL	BL	BL	BL	BL	BL	BL	BL	BL
161	BL	BL	BL	BL	BL	BL	BL	BL	BL
162	BL	BL	BL	BL	NA	NA	NA	NA	NA
163	BL	BL	BL	BL	BL	BL	BL	BL	BL
164	BL	BL	BL	BL	NA	NA	NA	NA	NA
165	BL	**Inc.[(a)]**	BL	BL	NA	NA	NA	NA	NA
166	BL	BL	BL	BL	NA	NA	NA	NA	NA
167	BL	BL	BL	BL	BL	BL	BL	BL	BL
168	BL	BL	BL	BL	BL	BL	BL	BL	BL
169	BL	BL	BL	BL	BL	BL	BL	BL	BL
170	BL	BL	BL	BL	BL	BL	BL	BL	BL
171	BL	BL	BL	BL	BL	BL	BL	BL	BL
172	BL	BL	BL	BL	NA	NA	NA	NA	NA
173	BL	BL	BL	BL	BL	BL	BL	BL	BL
174	BL	BL	BL	BL	BL	BL	BL	BL	BL
175	BL	BL	BL	BL	NA	NA	NA	NA	NA
176	BL	BL	BL	BL	NA	NA	NA	NA	NA
177	BL	BL	BL	BL	**Inc.[(a)]**	BL	BL	BL	BL
178	BL	BL	BL	BL	BL	BL	BL	BL	BL
179	BL	BL	BL	BL	BL	BL	BL	BL	BL
180	BL	BL	BL	**OL[(a)]**	NA	NA	NA	NA	NA
181	BL	BL	BL	BL	NA	NA	NA	NA	NA
182	BL	BL	BL	BL	NA	NA	NA	NA	NA
183	BL	BL	BL	BL	NA	NA	NA	NA	NA
184	BL	BL	BL	BL	BL	BL	BL	BL	BL
185	BL	BL	BL	BL	NA	NA	NA	NA	NA
186	BL	**Inc.[(a)]**	BL	BL	NA	NA	NA	NA	NA
187	BL	BL	BL	BL	BL	BL	BL	BL	BL

Sample No.	Heavy Metals and Flame Retardants					Phthalates			
	Cd	Cr	Hg	Pb	Br	DEHP	BBP	DBP	DIBP
188	BL	BL	BL	BL	NA	NA	NA	NA	NA
189	BL	BL	BL	BL	BL	BL	BL	BL	BL
190	BL	BL	BL	BL	BL	BL	BL	BL	BL
191	BL	BL	BL	BL	NA	NA	NA	NA	NA
192	BL	BL	BL	BL	NA	NA	NA	NA	NA
193	BL	BL	BL	BL	**Inc.**[(a)]	BL	BL	BL	BL
194	BL	BL	BL	BL	NA	NA	NA	NA	NA
195	BL	BL	BL	BL	BL	BL	BL	**Inc.**[(a)]	BL
196	BL	BL	BL	BL	BL	BL	BL	**Inc.**[(a)]	BL
197	BL	BL	BL	BL	BL	BL	BL	**Inc.**[(a)]	BL
198	BL	BL	BL	BL	NA	NA	NA	NA	NA
199	BL	BL	BL	BL	**Inc.**[(a)]	BL	BL	BL	BL
200	BL	BL	BL	BL	NA	NA	NA	NA	NA
201	BL	BL	BL	BL	BL	BL	BL	BL	BL
202	BL	BL	BL	BL	BL	BL	BL	BL	BL
203	BL	BL	BL	BL	NA	NA	NA	NA	NA
204	BL	BL	BL	BL	BL	BL	BL	BL	BL
205	BL	BL	BL	BL	**Inc.**[(a)]	BL	BL	BL	BL
206	BL	BL	BL	BL	NA	NA	NA	NA	NA
207	BL	BL	BL	BL	NA	NA	NA	NA	NA
208	BL	BL	BL	BL	NA	NA	NA	NA	NA
209	BL	**Inc.**[(a)]	BL	BL	BL	BL	BL	BL	BL
210	BL	BL	BL	BL	NA	NA	NA	NA	NA
211	BL	BL	BL	BL	NA	NA	NA	NA	NA
212	BL	BL	BL	BL	NA	NA	NA	NA	NA
213	BL	BL	BL	BL	NA	NA	NA	NA	NA
214	BL	BL	BL	BL	NA	NA	NA	NA	NA
215	BL	BL	BL	BL	BL	BL	BL	BL	BL
216	BL	BL	BL	BL	NA	NA	NA	NA	NA
217	BL	BL	BL	BL	**Inc.**[(a)]	BL	BL	BL	BL
218	BL	BL	BL	BL	NA	NA	NA	NA	NA

Note:

— "BL" denotes below limit

- "OL" denotes over limit
- "Inc." denotes inconclusive
- "NA" denotes not applicable
- "(a)" denotes further confirmation test was conducted, results are listed in 2.2, 2.3 and 2.4.
- XRF screening limits in mg/kg for regulated elements in various matrices

ELEMENT	POLYMER		
	BL	INCONCLUSIVE	OL
Cd	X≤(70-3σ)	(70-3σ)<X<(130+3σ)	X≥(130+3σ)
Pb	X≤(700-3σ)	(700-3σ)<X<(1300+3σ)	X≥(1300+3σ)
Hg	X≤(700-3σ)	(700-3σ)<X<(1300+3σ)	X≥(1300+3σ)
Br	X≤(300-3σ)	X>(300-3σ)	NA
Cr	X≤(700-3σ)	X>(700-3σ)	NA

ELEMENT	METAL		
	BL	INCONCLUSIVE	OL
Cd	X≤(70-3σ)	(70-3σ)<X<(130+3σ)	X≥(130+3σ)
Pb	X≤(700-3σ)	(700-3σ)<X<(1300+3σ)	X≥(1300+3σ)
Hg	X≤(700-3σ)	(700-3σ)<X<(1300+3σ)	X≥(1300+3σ)
Cr	X≤(700-3σ)	X>(700-3σ)	NA

ELEMENT	COMPLEX MATERIAL		
	BL	INCONCLUSIVE	OL
Cd	X≤(50-3σ)	(50-3σ)<X<(150+3σ)	X≥(150+3σ)
Pb	X≤(500-3σ)	(500-3σ)<X<(1500+3σ)	X≥(1500+3σ)
Hg	X≤(500-3σ)	(500-3σ)<X<(1500+3σ)	X≥(1500+3σ)
Br	X≤(250-3σ)	X>(250-3σ)	NA
Cr	X≤(500-3σ)	X>(500-3σ)	NA

- Screening limits in mg/kg for regulated phthalates in various matrices

PHTHALATES	BL	INCONCLUSIVE
DEHP	X<600	X≥ 600
BBP	X<600	X≥ 600
DBP	X<600	X≥ 600
DIBP	X<600	X≥ 600

2.2. HEAVY METAL CONTENT

Test method: With reference to EN 62321-4:2014 /A1:2017, EN 62321-5:2014, EN 62321-7-1:2015 and EN 62321-7-2:2017, analyzed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES) and Ultraviolet–visible spectrophotometer (UV-Vis). [Reporting Limit: 2.0 mg/kg for Cadmium; 10.0 mg/kg or 0.10 μg/cm^2 for Hexavalent Chromium, 10.0 mg/kg for Lead and Mercury.]

Sample No.	Result				
	Total Cadmium	Hexavalent Chromium	Hexavalent Chromium	Total Mercury	Total Lead
018	--	/	Negative	--	--
019	--	/	Negative	--	--
026	--	/	Negative	--	--
027	--	/	Negative	--	--
029	<10.0	/	--	--	--
038	<10.0	--	/	--	--
050	--	/	Negative	--	--
056	--	--	/	--	<10.0
062	--	/	Negative	--	--
074	--	/	Negative	--	--
076	--	/	Negative	--	--
094	--	--	/	--	103.6
095	--	/	Negative	--	336.6
098	--	/	Negative	--	--
100	--	/	Negative	--	--
101	--	/	Negative	--	--
153	--	/	Negative	--	--
155	--	/	--	--	13.9
156	--	/	Negative	--	--
157	--	/	Negative	--	--
165	--	/	Negative	--	--
180	--	/	--	--	$3.45\times10^{4(a)}$
186	--	/	Negative	--	--

Sample No.	Result				
	Total Cadmium	Hexavalent Chromium	Hexavalent Chromium	Total Mercury	Total Lead
209	--	<10.0	/	--	--
Unit	mg/kg	mg/kg	μg/cm^2	mg/kg	mg/kg
RoHS Requirement	100	1000	Negative#	1000	1000

Note:

- "mg/kg" denotes milligram per kilogram
- "μg/cm^2" denotes micrograms per square centimeter
- "<" denotes less than
- "Negative" denotes the absorbance value of sample is < 0.10 μg/cm^2, the sample is considered to be negative for Hexavalent Chromium.
- "#" According to DIRECTIVE 2011/65/EU Article 4(1) and Annex II. While, positive means the presence of CrVI on tested areas and the result(s) was (were) regarded as in conflict with European Parliament and Council Directive 2011/65/EU, Article 4(1) and Annex II.
- "--" denotes tested by XRF, result is listed in 2.1
- "(a)" denotes the exempt item according to DIRECTIVE 2011/65/EU Annex III item 7(a) *"lead in high melting temperature type solder(i. e. lead-based alloy containing 85% by weight or more lead)".*

2.3. POLYBROMINATED BIPHENYLS (PBBs) AND POLYBROMINATED DIPHENYL ETHERS (PBDEs) CONTENT

Test Method: With reference to EN 62321-6:2015, extracted by toluene and analyzed by Gas Chromatography and Mass Spectrometry (GC-MS). [Reporting Limit: 5 mg/kg]

Test Item		Result [mg/kg]		RoHS Requirement [mg/kg]
		Sample 008+110+111	Sample 028+070	
PBBs	Monobromobiphenyl	< 5	< 5	Sum of PBBs 1000
	Dibromobiphenyl	< 5	< 5	
	Tribromobiphenyl	< 5	< 5	
	Tetrabromobiphenyl	< 5	< 5	
	Pentabromobiphenyl	< 5	< 5	
	Hexabromobiphenyl	< 5	< 5	
	Heptabromobiphenyl	< 5	< 5	
	Octabromobiphenyl	< 5	< 5	
	Nonabromobiphenyl	< 5	< 5	
	Decabromobiphenyl	< 5	< 5	
	Sum of PBBs	< 50	< 50	
PBDEs	Monobromodiphenyl Ether	< 5	< 5	Sum of PBDEs 1000
	Dibromodiphenyl Ether	< 5	< 5	
	Tribromodiphenyl Ether	< 5	< 5	
	Tetrabromodiphenyl Ether	< 5	< 5	
	Pentabromodiphenyl Ether	< 5	< 5	
	Hexabromodiphenyl Ether	< 5	< 5	
	Heptabromodiphenyl Ether	< 5	< 5	
	Octabromodiphenyl Ether	< 5	< 5	
	Nonabromodiphenyl Ether	< 5	< 5	
	Decabromodiphenyl Ether	19	< 5	
	Sum of PBDEs	< 50	< 50	

Note:

- "mg/kg" denotes miligram per kilogram
- "<" denotes less than

(Continued)

Test Item		Result [mg/kg]		RoHS Requirement [mg/kg]
		Sample 037+038+042	Sample 051+077+102	
PBBs	Monobromobiphenyl	< 5	< 5	Sum of PBBs 1000
	Dibromobiphenyl	< 5	< 5	
	Tribromobiphenyl	< 5	< 5	
	Tetrabromobiphenyl	< 5	< 5	
	Pentabromobiphenyl	< 5	< 5	
	Hexabromobiphenyl	< 5	< 5	
	Heptabromobiphenyl	< 5	< 5	
	Octabromobiphenyl	< 5	< 5	
	Nonabromobiphenyl	< 5	< 5	
	Decabromobiphenyl	< 5	< 5	
	Sum of PBBs	< 50	< 50	
PBDEs	Monobromodiphenyl Ether	< 5	< 5	Sum of PBDEs 1000
	Dibromodiphenyl Ether	< 5	< 5	
	Tribromodiphenyl Ether	< 5	< 5	
	Tetrabromodiphenyl Ether	< 5	< 5	
	Pentabromodiphenyl Ether	< 5	< 5	
	Hexabromodiphenyl Ether	< 5	< 5	
	Heptabromodiphenyl Ether	< 5	< 5	
	Octabromodiphenyl Ether	< 5	< 5	
	Nonabromodiphenyl Ether	< 5	< 5	
	Decabromodiphenyl Ether	< 5	12	
	Sum of PBDEs	< 50	< 50	

Note:

- "mg/kg" denotes miligram per kilogram
- "<" denotes less than

(Continued)

Test Item		Result [mg/kg]		RoHS Requirement [mg/kg]
		Sample 054+205	Sample 056+114+134	
PBBs	Monobromobiphenyl	< 5	< 5	Sum of PBBs 1000
	Dibromobiphenyl	< 5	< 5	
	Tribromobiphenyl	< 5	< 5	
	Tetrabromobiphenyl	< 5	< 5	
	Pentabromobiphenyl	< 5	< 5	
	Hexabromobiphenyl	< 5	< 5	
	Heptabromobiphenyl	< 5	< 5	
	Octabromobiphenyl	< 5	< 5	
	Nonabromobiphenyl	< 5	< 5	
	Decabromobiphenyl	< 5	< 5	
	Sum of PBBs	< 50	< 50	
PBDEs	Monobromodiphenyl Ether	< 5	< 5	Sum of PBDEs 1000
	Dibromodiphenyl Ether	< 5	< 5	
	Tribromodiphenyl Ether	< 5	< 5	
	Tetrabromodiphenyl Ether	< 5	< 5	
	Pentabromodiphenyl Ether	< 5	< 5	
	Hexabromodiphenyl Ether	< 5	< 5	
	Heptabromodiphenyl Ether	< 5	< 5	
	Octabromodiphenyl Ether	< 5	< 5	
	Nonabromodiphenyl Ether	< 5	< 5	
	Decabromodiphenyl Ether	< 5	< 5	
	Sum of PBDEs	< 50	< 50	

Note:

- "mg/kg" denotes miligram per kilogram
- "<" denotes less than

(Continued)

Test Item		Result [mg/kg]		RoHS Requirement [mg/kg]
		Sample 065+081+084	Sample 086	
PBBs	Monobromobiphenyl	< 5	< 5	Sum of PBBs 1000
	Dibromobiphenyl	< 5	< 5	
	Tribromobiphenyl	< 5	< 5	
	Tetrabromobiphenyl	< 5	< 5	
	Pentabromobiphenyl	< 5	< 5	
	Hexabromobiphenyl	< 5	< 5	
	Heptabromobiphenyl	< 5	< 5	
	Octabromobiphenyl	< 5	< 5	
	Nonabromobiphenyl	< 5	< 5	
	Decabromobiphenyl	< 5	< 5	
	Sum of PBBs	< 50	< 50	
PBDEs	Monobromodiphenyl Ether	< 5	< 5	Sum of PBDEs 1000
	Dibromodiphenyl Ether	< 5	< 5	
	Tribromodiphenyl Ether	< 5	< 5	
	Tetrabromodiphenyl Ether	< 5	< 5	
	Pentabromodiphenyl Ether	< 5	< 5	
	Hexabromodiphenyl Ether	< 5	< 5	
	Heptabromodiphenyl Ether	< 5	< 5	
	Octabromodiphenyl Ether	< 5	< 5	
	Nonabromodiphenyl Ether	< 5	< 5	
	Decabromodiphenyl Ether	< 5	< 5	
	Sum of PBDEs	< 50	< 50	

Note:

- "mg/kg" denotes miligram per kilogram
- "<" denotes less than

(Continued)

Test Item		Result [mg/kg]		RoHS Requirement [mg/kg]
		Sample 107+217	Sample 123	
PBBs	Monobromobiphenyl	< 5	< 5	Sum of PBBs 1000
	Dibromobiphenyl	< 5	< 5	
	Tribromobiphenyl	< 5	< 5	
	Tetrabromobiphenyl	< 5	< 5	
	Pentabromobiphenyl	< 5	< 5	
	Hexabromobiphenyl	< 5	< 5	
	Heptabromobiphenyl	< 5	< 5	
	Octabromobiphenyl	< 5	< 5	
	Nonabromobiphenyl	< 5	< 5	
	Decabromobiphenyl	< 5	< 5	
	Sum of PBBs	< 50	< 50	
PBDEs	Monobromodiphenyl Ether	< 5	< 5	Sum of PBDEs 1000
	Dibromodiphenyl Ether	< 5	< 5	
	Tribromodiphenyl Ether	< 5	< 5	
	Tetrabromodiphenyl Ether	< 5	< 5	
	Pentabromodiphenyl Ether	< 5	< 5	
	Hexabromodiphenyl Ether	< 5	< 5	
	Heptabromodiphenyl Ether	< 5	< 5	
	Octabromodiphenyl Ether	< 5	< 5	
	Nonabromodiphenyl Ether	< 5	< 5	
	Decabromodiphenyl Ether	< 5	< 5	
	Sum of PBDEs	< 50	< 50	

Note:

- "mg/kg" denotes miligram per kilogram
- "<" denotes less than

(Continued)

Test Item		Result [mg/kg]		RoHS Requirement [mg/kg]
		Sample 127+140+147	Sample 158	
PBBs	Monobromobiphenyl	< 5	< 5	Sum of PBBs 1000
	Dibromobiphenyl	< 5	< 5	
	Tribromobiphenyl	< 5	< 5	
	Tetrabromobiphenyl	< 5	< 5	
	Pentabromobiphenyl	< 5	< 5	
	Hexabromobiphenyl	< 5	< 5	
	Heptabromobiphenyl	< 5	< 5	
	Octabromobiphenyl	< 5	< 5	
	Nonabromobiphenyl	< 5	< 5	
	Decabromobiphenyl	< 5	< 5	
	Sum of PBBs	< 50	< 50	
PBDEs	Monobromodiphenyl Ether	< 5	< 5	Sum of PBDEs 1000
	Dibromodiphenyl Ether	< 5	< 5	
	Tribromodiphenyl Ether	< 5	< 5	
	Tetrabromodiphenyl Ether	< 5	< 5	
	Pentabromodiphenyl Ether	< 5	< 5	
	Hexabromodiphenyl Ether	< 5	< 5	
	Heptabromodiphenyl Ether	< 5	< 5	
	Octabromodiphenyl Ether	< 5	< 5	
	Nonabromodiphenyl Ether	< 5	< 5	
	Decabromodiphenyl Ether	< 5	< 5	
	Sum of PBDEs	< 50	< 50	

Note:

- "mg/kg" denotes miligram per kilogram
- "<" denotes less than

(Continued)

Test Item		Result [mg/kg]		RoHS Requirement [mg/kg]
		Sample 159	Sample 160	
PBBs	Monobromobiphenyl	< 5	< 5	Sum of PBBs 1000
	Dibromobiphenyl	< 5	< 5	
	Tribromobiphenyl	< 5	< 5	
	Tetrabromobiphenyl	< 5	< 5	
	Pentabromobiphenyl	< 5	< 5	
	Hexabromobiphenyl	< 5	< 5	
	Heptabromobiphenyl	< 5	< 5	
	Octabromobiphenyl	< 5	< 5	
	Nonabromobiphenyl	< 5	< 5	
	Decabromobiphenyl	< 5	< 5	
	Sum of PBBs	< 50	< 50	
PBDEs	Monobromodiphenyl Ether	< 5	< 5	Sum of PBDEs 1000
	Dibromodiphenyl Ether	< 5	< 5	
	Tribromodiphenyl Ether	< 5	< 5	
	Tetrabromodiphenyl Ether	< 5	< 5	
	Pentabromodiphenyl Ether	< 5	< 5	
	Hexabromodiphenyl Ether	< 5	< 5	
	Heptabromodiphenyl Ether	< 5	< 5	
	Octabromodiphenyl Ether	< 5	< 5	
	Nonabromodiphenyl Ether	< 5	< 5	
	Decabromodiphenyl Ether	< 5	10	
	Sum of PBDEs	< 50	< 50	

Note:

- "mg/kg" denotes miligram per kilogram
- "<" denotes less than

(Continued)

Test Item		Result [mg/kg]	RoHS Requirement [mg/kg]
		Sample 177+193+199	
PBBs	Monobromobiphenyl	< 5	Sum of PBBs 1000
	Dibromobiphenyl	< 5	
	Tribromobiphenyl	< 5	
	Tetrabromobiphenyl	< 5	
	Pentabromobiphenyl	< 5	
	Hexabromobiphenyl	< 5	
	Heptabromobiphenyl	< 5	
	Octabromobiphenyl	< 5	
	Nonabromobiphenyl	< 5	
	Decabromobiphenyl	< 5	
	Sum of PBBs	< 50	
PBDEs	Monobromodiphenyl Ether	< 5	Sum of PBDEs 1000
	Dibromodiphenyl Ether	< 5	
	Tribromodiphenyl Ether	< 5	
	Tetrabromodiphenyl Ether	< 5	
	Pentabromodiphenyl Ether	< 5	
	Hexabromodiphenyl Ether	< 5	
	Heptabromodiphenyl Ether	< 5	
	Octabromodiphenyl Ether	< 5	
	Nonabromodiphenyl Ether	< 5	
	Decabromodiphenyl Ether	27	
	Sum of PBDEs	< 50	

Note:

- "mg/kg" denotes miligram per kilogram
- "<" denotes less than

2.4. PHTHALATES (DEHP, BBP, DBP and DIBP) CONTENT TEST

Test method: With reference to EN 62321-8:2017, extracted by organic solvent and analyzed by Gas Chromatography and Mass Spectrometry (GC-MS). [Reporting limit: 100 mg/kg]

Test Item	Result [mg/kg]		RoHS Requirement [mg/kg]
	Sample 117	Sample 118+119	
Di-(2-ethyl-hexyl) Phthalate (DEHP)	< 100	< 100	1000
Butyl-benzyl Phthalate (BBP)	< 100	< 100	1000
Di-butyl Phthalate (DBP)	169	135	1000
Di-iso-butyl Phthalate (DIBP)	< 100	< 100	1000

Test Item	Result [mg/kg]		RoHS Requirement [mg/kg]
	Sample 120+121	Sample 195+196+197	
Di-(2-ethyl-hexyl) Phthalate (DEHP)	< 100	< 100	1000
Butyl-benzyl Phthalate (BBP)	< 100	< 100	1000
Di-butyl Phthalate (DBP)	140	226	1000
Di-iso-butyl Phthalate (DIBP)	< 100	< 100	1000

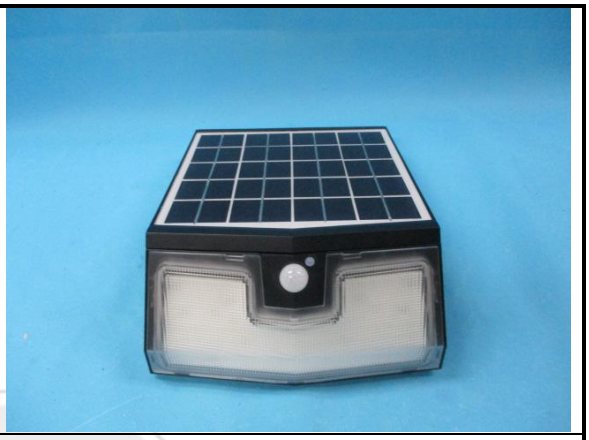
Note:

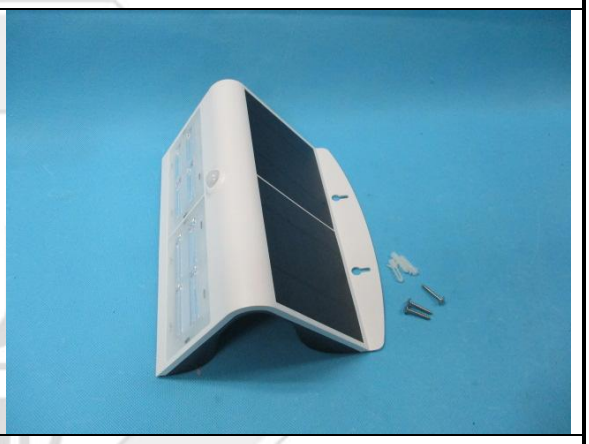
- "mg/kg" denotes miligram per kilogram
- "<" denotes less than

****

APPENDIX IS:

Photos of submitted products

	
LD-SFL-2W-Flame	**LD-SWL-15W-Transformer**
	
LD-SSL-40W-Pro	**LD-SBL-10W-iLead**
	
LD-UVC-5W	**LSD-SNL-3.5W-Fairy**

	
LD-SFL-5W-LeadPad	**LSD-SWL-1.5WPlus-Butterfly**
	
LD-SSL-4W-Pro	**LSD-SWL-6.8W-Butterfly**
	
LD-SFL-10W-LeadPad	**LD-SFL-10W-TwinsPad-PIR**

	/
LD-SPL-20W- Guardian	/

APPENDIX II:

According to client's declaration, tested material would be produced as relevant product(s):

LSD-SWL-2W-Butterfly, LSD-SWL-3.2W-Butterfly, LSD-SWL-4W-Butterfly, LSD-SWL-8W-Butterfly, LSD-SNL-1.5W-Fairy, LSD-SNL-2W-Fairy, LD-SPL-40W-Guardian, LSD-SWL-2W-Crown, LSD-SGL-2W-XCrown, LD-SWL-5W-Transformer, LD-SWL-7W-Transformer, LD-SSL-8W-Pro, LD-SSL-15W-Pro, LD-SSL-40WPlus-Pro, LD-SSL-40W-StarTrek, LD-SSL-80W-StarTrek, LD-SSL-120W-StarTrek, LD-SCL-Clock, LD-UVC-Mini, LD-SGL-20W-Dolphin, LD-SSL-60W-Eagle, LD-SSL-100W-Eagle, LD-SSL-120W-Eagle, LD-SGL-25W-Lotus, LD-SGL-3W-Halo, LD-SGL-8W-Halo, LD-SGL-3W-Strip