

TEST REPORT

APPLICANT : DGM (HK) LTD
ADDRESS : UNIT 4, 18/F, GLOBAL GATEWAY TOWER, 63 WING HONG STREET, CHEUNG SHA WAN, KOWLOON, HONG KONG
SAMPLE DESCRIPTION : LED FILAMENT LAMP
STYLE / ITEM NO. : ST64-WD4W5E, T65-WD6E
BRAND NAME : SMARTDGM
TECHNICAL DESCRIPTION : AC220V-240V 50/60Hz
AGE REQUESTED ON APPLICATION FORM : NOT PRESENT
SAMPLE RECEIVED DATE : OCT. 12, 2019; OCT. 17, 2019; NOV. 05, 2019
TEST PERIOD : OCT. 12, 2019 TO NOV. 07, 2019
RESULT SUMMARY :

TEST(S) REQUESTED BY APPLICANT:	RESULT
- RoHS Directive 2011/65/EU and its amendment Directive (EU) 2015/863.	PASS

*****FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S)*****

SIGNED FOR AND ON BEHALF OF
EUROFINS TESTING TECHNOLOGY (SHENZHEN) CO. LTD.



Harry Chen
Lab & Technical Support Manager



Coco Luo
Lab & Reporting Manager



This test report is valid for the tested samples only. Without permission of the test center this test report is not permitted to be duplicated in extracts.
This test report does not entitle to carry any safety mark on this or similar products.

RoHS

Test Method : (1) Screening by XRF Spectroscopy:
 IEC 62321-3-1: 2013, Lead, Mercury, Cadmium, total Chromium and total Bromine by X-ray fluorescence spectrometry

(2) Wet Chemical test:
 Cadmium, Lead: IEC 62321-5: 2013, determined by ICP-OES.
 Mercury: IEC 62321-4: 2013/AMD1: 2017, determined by ICP-OES.
 Chromium (VI): IEC 62321-7-1: 2015 and IEC 62321-7-2: 2017, determined by UV/VIS.
 PBBs & PBDEs: IEC 62321-6: 2015, determined by GC-MS.

(3) DBP, BBP, DEHP and DiBP: IEC 62321-8:2017

Test Result :

Material No.	Material Description	XRF Results (mg/kg) (1)		Screening Results of PHTH (mg/kg) (2)	Wet Chemical Confirmation Result (mg/kg) (3)
1	Silvery metal contact dot of LED lamp	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
2	Black plastic ring on contact dot of LED lamp	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	IN	--	N.D.
		PBDEs	IN	--	N.D.
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--
3	Silvery metal hull of LED lamp	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--

TO BE CONTINUED

Eurofins Testing Technology (Shenzhen) Co. Ltd.

Material No.	Material Description	XRF Results (mg/kg) (1)		Screening Results of PHTH (mg/kg) (2)	Wet Chemical Confirmation Result (mg/kg) (3)
4	Silvery metal of soldering tin	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
5	Transparent glass hull of LED lamp with white powder	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
6	Kelly plastic glue in LED lamp	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--
7	White and yellow soft plastic of lamp filament	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--
8	White and orange yellow soft plastic of lamp filament	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--

TO BE CONTINUED

Eurofins Testing Technology (Shenzhen) Co. Ltd.

Material No.	Material Description	XRF Results (mg/kg) (1)		Screening Results of PHTH (mg/kg) (2)	Wet Chemical Confirmation Result (mg/kg) (3)
9	Silvery metal contact chip of lamp filament	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
10	Silvery metal pin of lamp filament	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
11	White plastic pin on silvery metal wire	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--
12	Black soft plastic heat shrinkable tube with grey printing	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--
13	Transparent plastic main PCB of LED lamp with multi-color printing and copper metal plating	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--

TO BE CONTINUED

Material No.	Material Description	XRF Results (mg/kg) (1)		Screening Results of PHTH (mg/kg) (2)	Wet Chemical Confirmation Result (mg/kg) (3)
14	Silvery metal hull and pin of capacitance	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
15	Green plastic film of capacitance with white printing	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--
16	Black soft plastic base of capacitance	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--
17	Grey ceramic resistance with multi-color printing	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
18	Silvery metal pin of resistance	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--

TO BE CONTINUED

Eurofins Testing Technology (Shenzhen) Co. Ltd.

Material No.	Material Description	XRF Results (mg/kg) (1)		Screening Results of PHTH (mg/kg) (2)	Wet Chemical Confirmation Result (mg/kg) (3)
19	Silvery grey metal hull and pin of electric part on main PCB	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
20	Black metal hull of transformer on main PCB	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
21	Black plastic hull of transformer on main PCB	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--
22	Copper metal coil on transformer	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
23	Yellow plastic sticker on transformer	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--

TO BE CONTINUED

Material No.	Material Description	XRF Results (mg/kg) (1)		Screening Results of PHTH (mg/kg) (2)	Wet Chemical Confirmation Result (mg/kg) (3)
24	Black plastic of small PCB with multi-color printing and copper metal plating	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--
25	Black ceramic ESP8285 on small PCB	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
26	Golden and silvery metal of 919F9 on small PCB	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	IN	--	Negative
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
27	White soft plastic of wire jacket	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--
28	Silvery metal core of wire	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--

TO BE CONTINUED

Eurofins Testing Technology (Shenzhen) Co. Ltd.

Material No.	Material Description	XRF Results (mg/kg) (1)		Screening Results of PHTH (mg/kg) (2)	Wet Chemical Confirmation Result (mg/kg) (3)
29	White plastic sticker with black printing and transparent glue	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--
30	White and khaki soft plastic foam on main PCB	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--
31	White glue on main PCB	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--
32	White ceramic R with black printing on PCB	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
33	Black ceramic D on PCB	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--

TO BE CONTINUED

Material No.	Material Description	XRF Results (mg/kg) (1)		Screening Results of PHTH (mg/kg) (2)	Wet Chemical Confirmation Result (mg/kg) (3)
34	Black ceramic 10U10 on PCB	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
35	Black ceramic U on PCB	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
36	Khaki ceramic C on PCB	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
37	White ceramic electric part with blue printing on small PCB	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
38	White ceramic electric part on small PCB	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--

TO BE CONTINUED

Eurofins Testing Technology (Shenzhen) Co. Ltd.

Material No.	Material Description	XRF Results (mg/kg) (1)		Screening Results of PHTH (mg/kg) (2)	Wet Chemical Confirmation Result (mg/kg) (3)
39	Brown ceramic electric part on small PCB	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
40	Transparent and amber glass (Cover of lamp)	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
41	Transparent and smoky grey glass (Cover of lamp)	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	IN	--	N.D.
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--

TO BE CONTINUED

Eurofins Testing Technology (Shenzhen) Co. Ltd.

4/F, Building# 3, Runheng Dingfeng Industrial Park, No.1 Liuxian 3rd Road, Bao'an District, Shenzhen, P.R. China
 Tel.: +86 755 8358 5700 • Fax: +86 755 8358 5701 • Email: info.hk@eurofins.com • Website: www.eurofins.com / www.pt.eurofins.com

Remark:

(1) (a) It is the result on total Br while test item on restricted substances is PBBs/PBDEs. It is the result on total Cr while test item on restricted substances is Cr(VI).

(b) Results are obtained by EDXRF for primary screening, and further chemical testing by ICP (for Cd, Pb, Hg), UV-VIS (for Cr(VI)) and GC/MS (for PBBs, PBDEs) is recommended to be performed, if the concentration exceeds the below warning value according to IEC62321.

XRF Screening Limits in mg/kg for Regulated Elements in Various Matrices:

Element	Polymer Materials	Metallic Materials	Composite Materials
Cd	$BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$	$BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$	$LOD < X < (150+3\sigma) \leq OL$
Pb	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (500-3\sigma) < X < (1500+3\sigma) \leq OL$
Hg	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (500-3\sigma) < X < (1500+3\sigma) \leq OL$
Cr	$BL \leq (700-3\sigma) < X$	$BL \leq (700-3\sigma) < X$	$BL \leq (500-3\sigma) < X$
Br	$BL \leq (300-3\sigma) < X$	-	$BL \leq (250-3\sigma) < X$

(c) The XRF screening test for ROHS elements – The reading may be different to the actual content in the sample be of non-uniformity composition.

Note: BL= Below Limit

OL= Over Limit

IN = Inconclusive

LOD = Limit of Detection

N.D. = Not Detected (<MDL)

NA = Not Applicable

- = Not Regulated

-- = Not Conducted

mg/kg = milligram per kilogram = ppm = 0.0001%

(2) Screening results of PHTH are for primary screening, and further chemical testing by GC-MS (for DBP, BBP, DEHP and DiBP) are recommended to be performed if the concentration exceeds the below warning value (unit: mg/kg)

Compound	Polymer Materials
DBP	$BL \leq 600 < X$
BBP	$BL \leq 600 < X$
DEHP	$BL \leq 600 < X$
DiBP	$BL \leq 600 < X$

(3) (a) Unit and Method Detected Limit (MDL) in wet chemical test.

Testing Item	Detection Limit
Cadmium, Lead & Mercury	10 mg/kg
Chromium (VI)	10 mg/kg
Polybrominated Biphenyls (PBBs) & Polybrominated Diphenyl Ethers (PBDEs)	10 [^] mg/kg
Dibutylphthalate (DBP)	50 mg/kg
Benzylbutylphthalate (BBP)	50 mg/kg
Diethylhexylphthalate (DEHP)	50 mg/kg
Diisobutyl phthalate (DiBP)	50 mg/kg

[^] The MDL for single compound of PBBs and PBDEs.

(b) According to IEC 62321, result on Cr(VI) for metal sample is shown as Positive/Negative.

Negative = Absence of Cr(VI) coating.

Positive = Presence of Cr(VI) coating.

TO BE CONTINUED

Eurofins Testing Technology (Shenzhen) Co. Ltd.

4/F, Building# 3, Runheng Dingfeng Industrial Park, No.1 Liuxian 3rd Road, Bao'an District, Shenzhen, P.R. China
 Tel.: +86 755 8358 5700 • Fax: +86 755 8358 5701 • Email: info.hk@eurofins.com • Website: www.eurofins.com / www.pt.eurofins.com

(4) RoHS Requirement:

Restricted Substances	Limits[^]
Cadmium (Cd)	0.01% (100 mg/kg)
Lead (Pb)	0.1% (1000 mg/kg)
Mercury (Hg)	0.1% (1000 mg/kg)
Chromium (VI) (Cr VI)	0.1% (1000 mg/kg)
Polybrominated Biphenyls (PBBs)	0.1% (1000 mg/kg)
Polybrominated Diphenyl Ethers (PBDEs)	0.1% (1000 mg/kg)
Dibutylphthalate (DBP)	0.1% (1000 mg/kg)
Benzylbutylphthalate (BBP)	0.1% (1000 mg/kg)
Diethylhexylphthalate (DEHP)	0.1% (1000 mg/kg)
Diisobutyl phthalate (DiBP)	0.1% (1000 mg/kg)

[^]The above limits were quoted from 2011/65/EU and its amendment Directive (EU) 2015/863 for homogeneous material.

Other Information / Remark:

Additional to Test Report EFSN19100330C-C

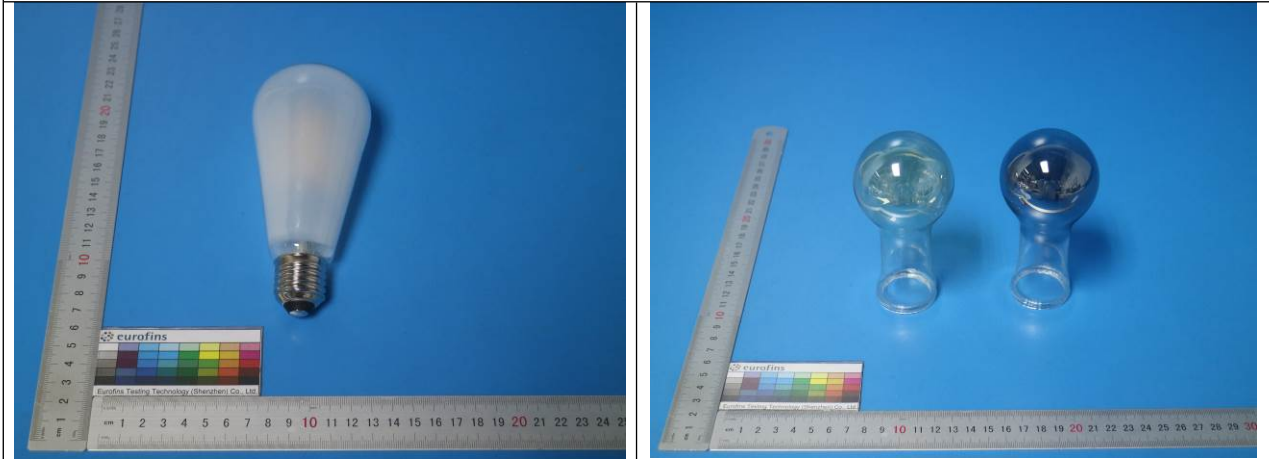
According to customer's declaration, the sample(s) mentioned in this additional test report is the same as in original test report ref. no. EFSN19100330C-C

TO BE CONTINUED

Eurofins Testing Technology (Shenzhen) Co. Ltd.

4/F, Building# 3, Runheng Dingfeng Industrial Park, No.1 Liuxian 3rd Road, Bao'an District, Shenzhen, P.R. China
Tel.: +86 755 8358 5700 • Fax: +86 755 8358 5701 • Email: info.hk@eurofins.com • Website: www.eurofins.com / www.pt.eurofins.com

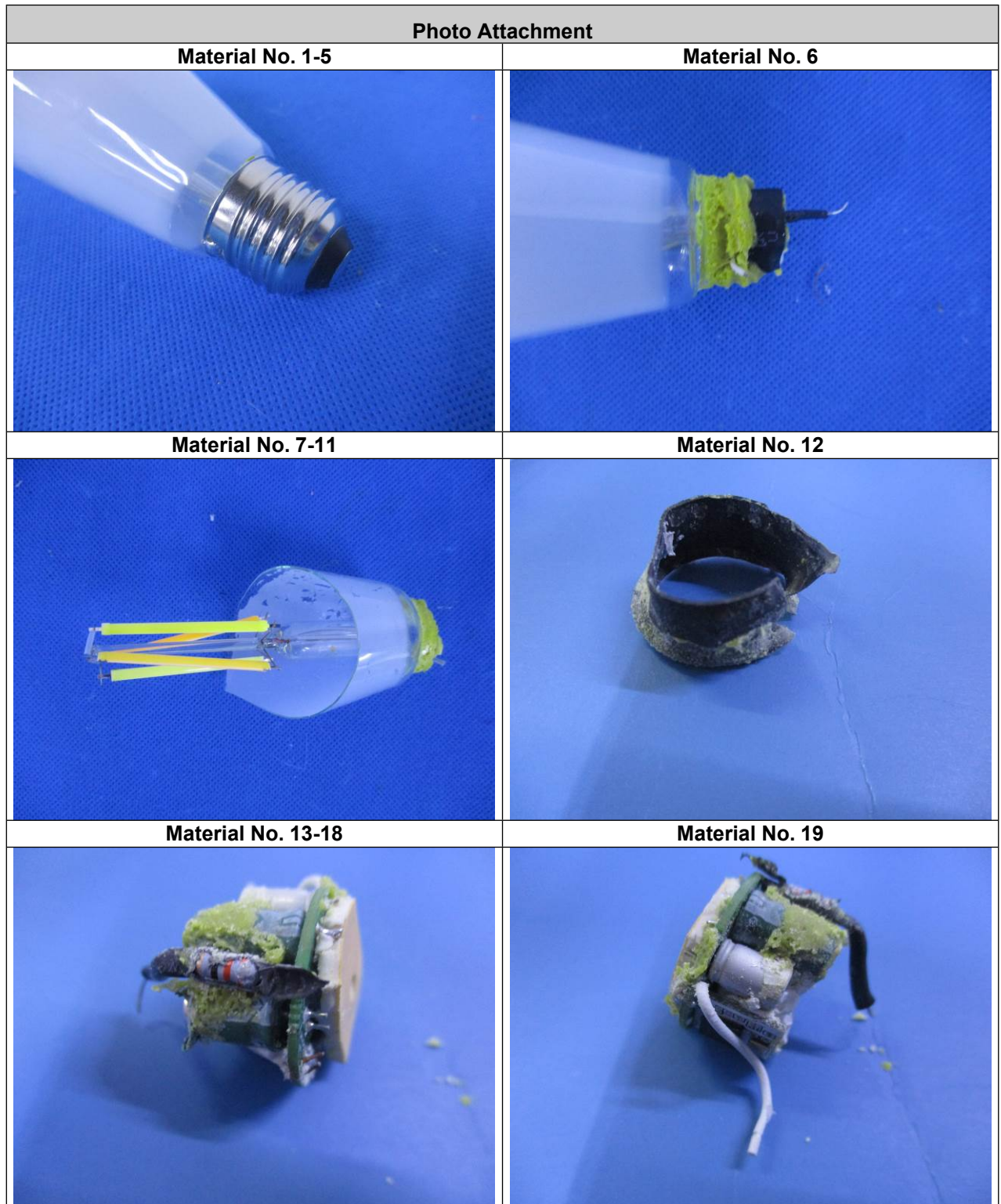
Photo Attachment
LED FILAMENT LAMP



TO BE CONTINUED

Eurofins Testing Technology (Shenzhen) Co. Ltd.


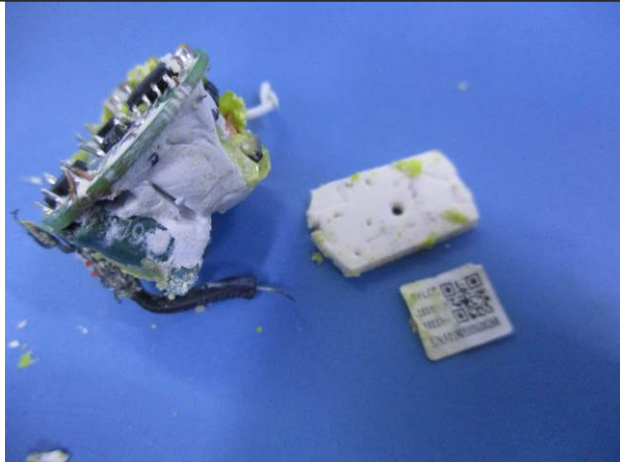
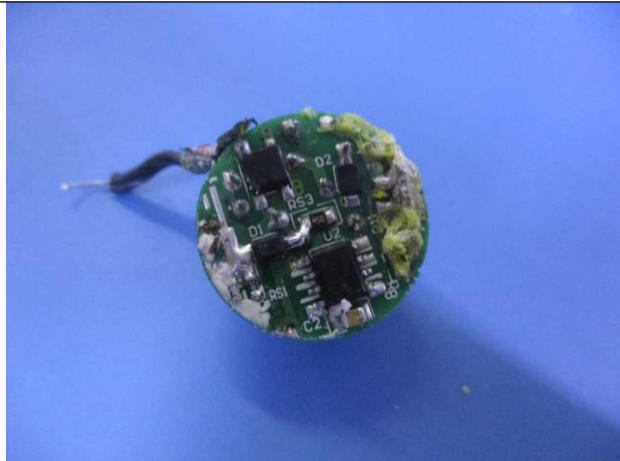
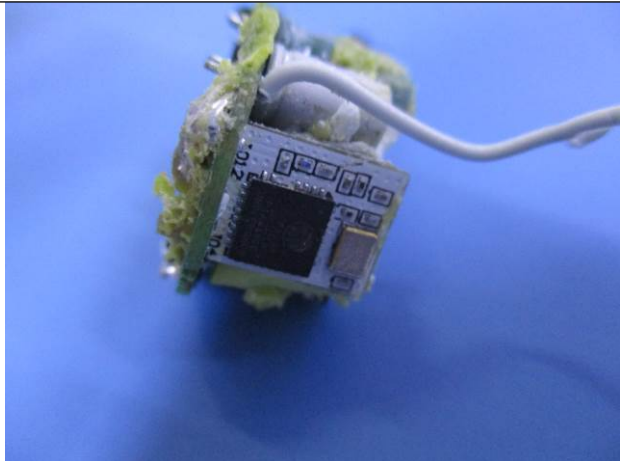

4/F, Building# 3, Runheng Dingfeng Industrial Park, No.1 Liuxian 3rd Road, Bao'an District, Shenzhen, P.R. China
Tel.: +86 755 8358 5700 • Fax: +86 755 8358 5701 • Email: info.hk@eurofins.com • Website: www.eurofins.com / www.pt.eurofins.com



TO BE CONTINUED

Eurofins Testing Technology (Shenzhen) Co. Ltd.

4/F, Building# 3, Runheng Dingfeng Industrial Park, No.1 Liuxian 3rd Road, Bao'an District, Shenzhen, P.R. China
 Tel.: +86 755 8358 5700 • Fax: +86 755 8358 5701 • Email: info.hk@eurofins.com • Website: www.eurofins.com / www.pt.eurofins.com

Photo Attachment	
Material No. 20-27 	Material No. 28-30 
Material No. 31-35 	Material No. 36-39 
Material No. 40,41 	

END OF THE REPORT