

TEST REPORT

Report No. : 65.15.26.0346.01

Applicant : Zhongshan Sunde Lighting Co., Ltd.

Address : No.11 Yuxiang Dongdi Street Henglan Town, Zhongshan City
Guangdong Province , 528478 China

Manufacturer : Zhongshan Sunde Lighting Co., Ltd.

Address : No.11 Yuxiang Dongdi Street Henglan Town, Zhongshan City
Guangdong Province , 528478 China

Factory : Zhongshan Sunde Lighting Co., Ltd.

Address : No.11 Yuxiang Dongdi Street Henglan Town, Zhongshan City
Guangdong Province , 528478 China

Product : LED FLOOD light

Model No. : See model list

Date of Test : 2026-07-10 to 2026-07-22

Date of Issue : 2026-07-28

Test Engineer : Will Chen

Reviewed By : Helen Li



Summary of Test Results:

Test Request		Conclusion
	As specified by client, to screen the 253 substances of very high concern(SVHC) under Regulation(EC) No 1907/2006 of REACH in the submitted sample(s).	Pass

Model list

NO.	Model	Rated voltage and frequency	Rated power
1	SD-SF22902-1	165-265V, 50/60Hz	50W
2	SD-SF22902-2	165-265V, 50/60Hz	100W
3	SD-SF22902-3	165-265V, 50/60Hz	200W
4	SD-SF22902-4	165-265V, 50/60Hz	300W
5	SD-SF22902-5	165-265V, 50/60Hz	400W

No.	Items	CAS No.	MDL(%)	Total(%)
1	Anthracene (ANT)	120-12-7	0.01	N.D.
2	4,4'-Diaminodiphenylmethane	101-77-9	0.01	N.D.
3	Dibutyl Phthalate (DBP)	84-74-2	0.01	N.D.
4	Cobalt Dichloride (CoCl ₂)*	7646-79-9	0.01	N.D.
5	Diarsenic Pentaoxide (As ₂ O ₅)*	1303-28-2	0.01	N.D.
6	Diarsenic Trioxide(As ₂ O ₃)*	1327-53-3	0.01	N.D.
7	Sodium Dichromate, Dihydrate*	7789-12-0, 10588-01-9	0.01	N.D.
8	5-tert-butyl-2,4,6-trinitro-m-xylene(musk xylene)	81-15-2	0.01	N.D.
9	Bis-(2-ethyl(hexyl) Phthalate (DEHP)	117-81-7	0.01	N.D.
10	Hexabromocyclododecane (HBCDD)	25637-99-4 & 3194-55-6 (134237-51-7, 134237-50-6, 134237-52-8)	0.01	N.D.
11	Alkanes, C10-13, chloro(Short Chain Chlorinated Paraffins) (SCCP)	85535-84-8	0.01	N.D.
12	Bis(tributyltin)oxide (TBTO)**	56-35-9	0.01	N.D.
13	Lead Hydrogen Arsenate*	7784-40-9	0.01	N.D.
14	Benzyl Butyl Phthalate (BBP)	85-68-7	0.01	N.D.
15	Triethyl Arsenate*	15606-95-8	0.01	N.D.
16	Anthracene oil***	90640-80-5	0.01	N.D.
17	Anthracene oil , anthracene paste, distn . Lights***	91995-17-4	0.01	N.D.
18	Anthracene oil, anthracene paste, anthracene fraction***	91995-15-2	0.01	N.D.
19	Anthracene oil, anthracene-low***	90640-82-7	0.01	N.D.
20	Anthracene oil, anthracene paste	90640-81-6	0.01	N.D.
21	Diisobutyl phthalate	84-69-5	0.01	N.D.
22	2,4-Dinitrotoluene	121-14-2	0.01	N.D.
23	coal tar pitch, high temperature***	65996-93-2	0.01	N.D.
24	tris(2-chloroethyl)phosphate	115-96-8	0.01	N.D.
25	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	0.01	N.D.

No.	Items	CAS No.	MDL(%)	Total(%)
26	Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	12656-85-8	0.01	N.D.
27	lead chromate	7758-97-6	0.01	N.D.
28	Acrylamide	79-06-1	0.01	N.D.
29	Trichloroethylene	79-01-6	0.01	N.D.
30	Boric acid *	10043-35-3; 11113-50-1	0.01	N.D.
31	Disodium tetraborate, anhydrous	1330-43-4; 12179-04-3; 1303-96-4	0.01	N.D.
32	Tetraboron disodium heptaoxide, hydrate	12267-73-1	0.01	N.D.
33	Sodium chromate *	7775-11-3	0.01	N.D.
34	Potassium chromate*	7789-00-6	0.01	N.D.
35	Ammonium dichromate	7789-09-5	0.01	N.D.
36	Potassium dichromate	7778-50-9	0.01	N.D.
37	Cobalt(II) sulphate *	10124-43-3	0.01	N.D.
38	Cobalt(II) dinitrate*	10141-05-6	0.01	N.D.
39	Cobalt(II) carbonate*	513-79-1	0.01	N.D.
40	Cobalt(II) diacetate*	71-48-7	0.01	N.D.
41	2-Methoxyethanol	109-86-4	0.01	N.D.
42	2-Ethoxyethanol	110-80-5	0.01	N.D.
43	Chromium trioxide*	1333-82-0	0.01	N.D.
44	Chromic acid, * Dichromic acid*	7738-94-5 13530-68-2	0.01	N.D.
45	1,2,3-trichloropropane	96-18-4	0.01	N.D.
46	Strontium chromate	7789-06-2	0.01	N.D.
47	2-ethoxyethyl acetate	111-15-9	0.01	N.D.
48	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	0.01	N.D.
49	Hydrazine	7803-57-8 302-01-2	0.01	N.D.

No.	Items	CAS No.	MDL(%)	Total(%)
50	1-methyl-2-pyrrolidone	872-50-4	0.01	N.D.
51	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	0.01	N.D.
52	Dichromium tris(chromate)*	24613-89-6	0.01	N.D.
53	Potassium * hydroxyoctaoxodizincatedi - chromate *	11103-86-9	0.01	N.D.
54	Pentazinc chromate octahydroxide,	49663-84-5	0.01	N.D.
55	Aluminosilicate Refractory Ceramic Fibres (Al-RCF)*	/	0.01	N.D.
56	Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr - RCF)*	/	0.01	N.D.
57	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	0.01	N.D.
58	Bis(2 - methoxyethyl) phthalate	117-82-8,	0.01	N.D.
59	2 - Methoxyaniline; o - Anisidine	90-04-0	0.01	N.D.
60	4 - (1,1,3,3 - tetramethylbutyl) phenol, (4 - tert - Octylphenol)	140-66-9,	0.01	N.D.
61	1,2 - Dichloroethane,	107-06-2,	0.01	N.D.
62	Bis(2 - methoxyethyl) ether	111-96-6	0.01	N.D.
63	Arsenic acid, *	7778-39-4,	0.01	N.D.
64	Calcium arsenate *	7778-44-1,	0.01	N.D.
65	Trilead diarsenate *	3687-31-8	0.01	N.D.
66	N,N - dimethylacetamide (DMAC)	127-19-5,	0.01	N.D.
67	2,2' - dichloro - 4,4' - methylenedianiline (MOCA)	101-14-4	0.01	N.D.
68	Phenolphthalein,	77-09-8,	0.01	N.D.
69	Lead azide Lead diazide *	13424-46-9	0.01	N.D.
70	Lead styphnate *	15245-44-0	0.01	N.D.
71	Lead dipicrate *	6477-64-1	0.01	N.D.

No.	Items	CAS No.	MDL(%)	Total(%)
72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	0.01	N.D.
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	0.01	N.D.
74	Diboron trioxide**,	215-125-8	0.01	N.D.
75	Formamide,	75-12-7	0.01	N.D.
76	Lead(II) bis(methanesulfonate) **,	17570-76-2	0.01	N.D.
77	(1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H) -trione)	219-514-3	0.01	N.D.
78	β -TGIC (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	423-400-0	0.01	N.D.
79	4,4'-bis(dimethylamino) benzophenone (Michler's ketone)	202-027-5	0.01	N.D.
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	202-959-2	0.01	N.D.
81	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride, (C.I. Basic Violet 3)	208-953-6	0.01	N.D.
82	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26), ,	219-943-6	0.01	N.D.
83	α,α -Bis[4-(dimethylamino)phenyl]-4 (phenylamino) naphthalene - 1-methanol (C.I. Solvent Blue 4)	229-851-8	0.01	N.D.
84	4,4'-bis(dimethylamino)-4''-(methylamino, trityl alcohol	209-218-2	0.01	N.D.
85	Bis(pentabromophenyl) ether (DecaBDE)	214-604-9	0.01	N.D.
86	Pentacosafuorotridecanoic acid	276-745-2	0.01	N.D.
87	Tricosafuorododecanoic acid	206-203-2	0.01	N.D.
88	Henicosafuoroundecanoic acid	218-165-4	0.01	N.D.

No.	Items	CAS No.	MDL(%)	Total(%)
89	Heptacosafuorotetradecanoic acid	206-803-4	0.01	N.D.
90	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated -covering well-defined substances and UVCB substances, polymers and homologues	/	0.01	N.D.
91	4-Nonylphenol, branched and linear substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the Individual isomers or a combination thereof	/	0.01	N.D.
92	Diazeno-1,2-dicarboxamide (C,C'-azodi(formamide))	204-650-8	0.01	N.D.
93	Cyclohexane-1,2-dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA)	201-604-9	0.01	N.D.
94	Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride	247-094-1, 243-072-0, 256-356-4, 260-566-1	0.01	N.D.
95	Methoxy acetic acid	210-894-6	0.01	N.D.
96	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	284-032-2	0.01	N.D.
97	Diisopentylphthalate (DIPP)	210-088-4	0.01	N.D.
98	N-pentyl-isopentylphthalate	/	0.01	N.D.
99	1,2-Diethoxyethane	211-076-1	0.01	N.D.
100	N,N-dimethylformamide; dimethyl formamide	200-679-5	0.01	N.D.
101	Dibutyltin dichloride (DBT)	211-670-0	0.01	N.D.
102	Acetic acid, lead salt, basic	257-175-3	0.01	N.D.
103	Basic lead carbonate (trilead bis(carbonate)dihydroxide)	215-290-6	0.01	N.D.

No.	Items	CAS No.	MDL(%)	Total(%)
104	Lead oxide sulfate (basic lead sulfate)	234-853-7	0.01	N.D.
105	[Phthalato(2-)]dioxotrilead (dibasic lead phthalate)	273-688-5	0.01	N.D.
106	Dioxobis(stearato)trilead	235-702-8	0.01	N.D.
107	Fatty acids, C16-18, lead salts C16-18-	292-966-7	0.01	N.D.
108	Lead bis(tetrafluoroborate)	237-486-0	0.01	N.D.
109	Lead cyanamate	244-073-9	0.01	N.D.
110	Lead dinitrate	233-245-9	0.01	N.D.
111	Lead oxide (lead monoxide)	215-267-0	0.01	N.D.
112	Lead tetroxide (orange lead)	215-235-6	0.01	N.D.
113	Lead titanium trioxide	235-038-9	0.01	N.D.
114	Lead Titanium Zirconium Oxide	235-727-4	0.01	N.D.
115	Pentalead tetraoxide sulphate	235-067-7	0.01	N.D.
116	Pyrochlore, antimony lead yellow C.I.	232-382-1	0.01	N.D.
117	Silicic acid, barium salt, lead-doped	272-271-5	0.01	N.D.
118	Silicic acid, lead salt	234-363-3	0.01	N.D.
119	Sulfurous acid, lead salt, dibasic	263-467-1	0.01	N.D.
120	Tetraethyllead	201-075-4	0.01	N.D.
121	Tetralead trioxide sulphate	235-380-9	0.01	N.D.
122	Trilead dioxide phosphonate	235-252-2	0.01	N.D.
123	Furan	203-727-3	0.01	N.D.
124	Propylene oxide; 1,2-epoxypropane; methyloxirane	200-879-2	0.01	N.D.
125	Diethyl sulphate	200-589-6	0.01	N.D.
126	Dimethyl sulphate	201-058-1	0.01	N.D.
127	3-ethyl-2-methyl-2-(3-methylbutyl)-1, 3-oxazolidine3-	421-150-7	0.01	N.D.

No.	Items	CAS No.	MDL(%)	Total(%)
128	Dinoseb	201-861-7	0.01	N.D.
129	4,4'-methylenedi-o-toluidine	212-658-8	0.01	N.D.
130	4,4'-oxydianiline and its salts	202-977-0	0.01	N.D.
131	4-Aminoazobenzene; 4-Phenylazoaniline	200-453-6	0.01	N.D.
132	4-methyl-m-phenylenediamine (2,4-toluene-diamine)	202-453-1	0.01	N.D.
133	6-methoxy-m-toluidine (p-cresidine)	204-419-1	0.01	N.D.
134	Biphenyl-4-ylamine	202-177-1	0.01	N.D.
135	o-aminoazotoluene	202-591-2	0.01	N.D.
136	o-Toluidine; 2-Aminotoluene	202-429-0	0.01	N.D.
137	N-methylacetamide	201-182-6	0.01	N.D.
138	1-bromopropane; n-propyl bromide	203-445-0	0.01	N.D.
139	Cadmium	7440-43-9	0.01	N.D.
140	Cadmium oxide	1306-19-0	0.01	N.D.
141	Ammonium pentadecafluorooctanoate	3825-26-1	0.01	N.D.
142	Pentadecafluorooctanoic acid	335-67-1	0.01	N.D.
143	Dipentyl phthalate	131-18-0	0.01	N.D.
144	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB-and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	/	0.01	N.D.

No.	Items	CAS No.	MDL(%)	Total(%)
145	Cadmium sulphide	1306-23-6	0.01	N.D.
146	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bi s(4-aminonaphthalene-1-sulphonate)(C.I. Direct Red 28)	573-58-0	0.01	N.D.
147	Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)az o][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene -2,7-disulphonate (C.I. Direct Black 38)	1937-37-7	0.01	N.D.
148	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyl diesters	/	0.01	N.D.
149	Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	0.01	N.D.
150	Lead di(acetate)	301-04-2	0.01	N.D.
151	Trixylyl phosphate	25155-23-1	0.01	N.D.
152	Cadmium chloride	233-296-7	0.01	N.D.
153	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	271-093-5	0.01	N.D.
154	Sodium peroxometaborate	231-556-4	0.01	N.D.
155	Sodium perborate; perboric acid, sodium salt	239-172-9; 234-390-0	0.01	N.D.

No.	Items	CAS No.	MDL(%)	Total(%)
156	Cadmium sulphate	10124-36-4; 31119-53-6	0.01	N.D.
157	Cadmium fluoride	7790-79-6	0.01	N.D.
158	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	0.01	N.D.
159	2-(2H-benzotriazol-2-yl)-4,6-ditertphenylphenol (UV-328)	25973-55-1	0.01	N.D.
160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate	15571-58-1	0.01	N.D.
161	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate(reaction mass of DOTE and MOTE)	/	0.01	N.D.
162	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	0.01	N.D.
163	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane	/	0.01	N.D.
164	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4	0.01	N.D.
165	Nitrobenzene	98-95-3	0.01	N.D.
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	0.01	N.D.
167	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	0.01	N.D.
168	1,3-propanesultone	1120-71-4	0.01	N.D.
169	Benzo[def]chrysene	50-32-8	0.01	N.D.

No.	Items	CAS No.	MDL(%)	Total(%)
170	4,4'-isopropylidenediphenol (bisphenol A)	80-05-7	0.01	N.D.
171	4-Heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	/	0.01	N.D.
172	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	3108-42-7 335-76-2 3830-45-3	0.01	N.D.
173	p-(1,1-dimethylpropyl)phenol	80-46-6	0.01	N.D.
174	Perfluorohexane-1-sulphonic acid and its salts	355-46-4	0.01	N.D.
175	Chrysene	218-01-9, 1719-03-5	0.01	N.D.
176	Benz[a]anthracene	56-55-3, 1718-53-2	0.01	N.D.
177	Cadmium nitrate	10022-68-1, 10325-94-7	0.01	N.D.
178	Cadmium hydroxide	21041-95-2	0.01	N.D.
179	Cadmium carbonate	513-78-0	0.01	N.D.
180	Dodecachloropentacyclo[12.2.1.1 ⁶ 9.0 ² 13.0 ⁵ 10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	/	0.01	N.D.
181	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with ≥0.1% w/w 4-heptylphenol, branched and linear]	/	0.01	N.D.

No.	Items	CAS No.	MDL(%)	Total(%)
182	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride; TMA)	552-30-7	0.01	N.D.
183	Benzo[ghi]perylene	191-24-2	0.01	N.D.
184	Decamethylcyclopentasiloxane (D5)	541-02-6	0.01	N.D.
185	Dicyclohexyl phthalate (DCHP)	84-61-7	0.01	N.D.
186	Disodium octaborate	12008-41-2	0.01	N.D.
187	Dodecamethylcyclohexasiloxane (D6)	540-97-6	0.01	N.D.
188	Ethylenediamine (EDA)	107-15-3	0.01	N.D.
189	Lead	7439-92-1	0.01	N.D.
190	Octamethylcyclotetrasiloxane (D4)	61788-32-7	0.01	N.D.
191	Terphenyl, hydrogenated	61788-32-7	0.01	N.D.
192	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	0.01	N.D.
193	Benzo[k]fluoranthene	207-08-9	0.01	N.D.
194	Fluoranthene	206-44-0	0.01	N.D.
195	Phenanthrene	85-01-8	0.01	N.D.
196	Pyrene	129-00-0	0.01	N.D.
197	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	15087-24-8	0.01	N.D.
198	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)	/	0.01	N.D.
199	2-methoxyethyl acetate	110-49-6	0.01	N.D.

No.	Items	CAS No.	MDL(%)	Total(%)
200	4-tert-butylphenol	98-54-4	0.01	N.D.
201	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP)	/	0.01	N.D.
202	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	0.01	N.D.
203	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	0.01	N.D.
204	Diisohexyl phthalate	71850-09-4	0.01	N.D.
205	Perfluorobutane sulfonic acid (PFBS) and its salts	/	0.01	N.D.
206	1-vinylimidazole	1072-63-5	0.01	N.D.
207	2-methylimidazole	693-98-1	0.01	N.D.
208	Butyl 4-hydroxybenzoate	94-26-8	0.01	N.D.
209	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4	0.01	N.D.
210	bis(2-(2-methoxyethoxy)ethyl) ether	143-24-8	0.01	N.D.
211	Dioctyltin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty, acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty, acyloxy moiety	/	0.01	N.D.
212	1,4-dioxane	123-91-1	0.01	N.D.
213	2,2-bis(bromomethyl)propane-1,3-diol (BMP), 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA), 2,3-dibromo-1-propanol (2,3-DBPA)	3296-90-0, 36483-57-5/15 22-92-5, 96-13-9	0.01	N.D.
214	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	/	0.01	N.D.

No.	Items	CAS No.	MDL(%)	Total(%)
215	4,4'-(1-methylpropylidene)bisphen; (bisphenol B)	77-40-7	0.01	N.D.
216	Glutaral	111-30-8	0.01	N.D.
217	Medium-chain chlorinated paraffins (MCCP) [UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17]	/	0.01	N.D.
218	Orthoboric acid, sodium salt	13840-56-7	0.01	N.D.
219	Phenol, alkylation products (mainly in para position) with C12-rich branched or linear alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)	/	0.01	N.D.
220	(±) -1,7,7-trimethyl-3-[(4- methylphenyl)methylene]bicyclo[2.2 1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC)	/	0.01	N.D.
221	6,6'-di-tert-butyl-2,2'-methylenedi-p- cresol (DBMC)	119-47-1	0.01	N.D.
222	S-(tricyclo[5.2.1.0'2,6]deca-3-en-8(or 9)-yl) O-(isopropyl or isobutyl or 2- ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phos phorodithioate	255881-94-8	0.01	N.D.
223	tris(2-methoxyethoxy) vinylsilane	1067-53-4	0.01	N.D.

No.	Items	CAS No.	MDL(%)	Total(%)
224	N-(hydroxymethyl)acrylamide	924-42-5	0.01	N.D.

No.	Items	CAS No.	MDL(%)	Total(%)
225	1,1'-[ethane-1,2-diylbisoxo]bis[2,4,6-tribromobenzene]	37853-59-1	0.01	N.D.
226	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	79-94-7	0.01	N.D.
227	4,4'-sulphonyldiphenol	80-09-1	0.01	N.D.
228	Barium diboron tetraoxide	13701-59-2	0.01	N.D.
229	bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	--	0.01	N.D.
230	Isobutyl 4-hydroxybenzoate	4247-02-3	0.01	N.D.
231	Melamine	108-78-1	0.01	N.D.
232	Perfluoroheptanoic acid and its salts	6130-43-4	0.01	N.D.
233	reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine	--	0.01	N.D.

No.	Items	CAS No.	MDL(%)	Total(%)
234	bis(4-chlorophenyl) sulphone	80-07-9	0.01	N.D.
235	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	0.01	N.D.

No.	Items	CAS No.	MDL(%)	Total(%)
236	2,4,6-tri-tert-butylphenol	732-26-3	0.01	N.D.
237	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol	3147-75-9	0.01	N.D.

238	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	119344-86-4	0.01	N.D.
239	Bumetrizole	3896/11/5	0.01	N.D.
	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	-	0.01	N.D.
240	Dibutyl phthalate (updated entry)	84-74-2	0.01	N.D.

No.	Items	CAS No.	MDL(%)	Total(%)
241	Bis(a,a-dimethylbenzyl)peroxide	80-43-3	0.01	N.D.

No.	Items	CAS No.	MDL(%)	Total(%)
242	Triphenyl Phosphate	115-86-6	0.01	N.D.

No.	Items	CAS No.	MDL(%)	Total(%)
243	Octamethyltrisiloxane	107-51-7	0.01	N.D.
244	Perfluamine	338-83-0	0.01	N.D.
245	O,O,O-triphenyl phosphorothioate	597-82-0	0.01	N.D.
246	6-[(C10-C13)-alkyl-(branched, unsaturated)-2,5-dioxopyrrolidin-1-yl]hexanoic acid	2156592-54-8	0.01	N.D.
247	Reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives	192268-65-8	0.01	N.D.

No.	Items	CAS No.	MDL(%)	Total(%)
248	1,1,1,3,5,5,5-heptamethyl-3-[(trimethylsilyl)oxy]trisiloxane	17928-28-8	0.01	N.D.
249	Decamethyltetrasiloxane	141-62-8	0.01	N.D.

No.	Items	CAS No.	MDL(%)	Total(%)
250	Tetra(sodium/potassium) 7-[(E)-{2-acetamido-4-[(E)-(4-[4-chloro-6-({2-[(4-fluoro-6-SOARJAR[4-(vinylsulfonyl)phenyl]amino)-1,3,5-triazine-2-yl)amino]propyl}amino)-1,3,5-triazine-2-yl]amino}-OAR5-sulfonato-1-naphthyl)diazenyl]-5-methoxyphenyl}diazenyl]-1,3,6-naphthalenetrisulfonate (Reactive Brown 51)	-	0.01	N.D.

No.	Items	CAS No.	MDL(%)	Total(%)
251	1,1-(ethane-1,2-diyl)bis[pentabromobenzene](DBDPE)	84852-53-9	0.01	N.D.

No.	Items	CAS No.	MDL(%)	Total(%)
252	n-hexane	110-54-3	0.01	N.D.
253	4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene]diphenol and its salts	-	0.01	N.D.

Tested part(s):

- (1) Mixture of all metal;
- (2) Mixture of all plastic;
- (3) Mixture of PCB.

Note:

- MDL= Method Detection Limit
- N.D. = Not Detected or less than MDL
- 0.1%= 1000mg/kg
- Carcinogenic, Mutagenic or toxic to Reproduction (CMR), meeting the criteria for classification in category 1 or 2 in accordance with Directive 67/548/EEC, Persistent, Bioaccumulative and Toxic (PBT) or very Persistent and very Bioaccumulative (vPvB) according to the criteria in Annex of XIII of the REACH Regulation, and/or Identified, on a case-by-case basis, from scientific evidence as causing probable serious effects to human health or the environment of an equivalent level of concern as those above (e.g. endocrine disruptors)
- * = Calculated concentration of Cobalt Dichloride(CoCl_2) is based on the identified heavy metal and anion result. Calculated concentration of Diarsenic Pentoxide(As_2O_5), Diarsenic Trioxide(As_2O_3), Sodium Dichromate, Dihydrate, Lead Hydrogen Arsenate, Boric acid, Sodium chromate, Potassium chromate, and Triethyl Arsenate etc. are based on the identified metal and anion result. Identity of above metal substances present in the article has to be further confirmed.
- ** = Calculated concentration of bis(tributyltin)oxide TBTO is based on the identified tributyltin, TBT results. The result is a screening test of TBTO and can cover TBTO and other salts under current technologies. Further investigation is required if the exact amount of TBTO has to be determined.

*** = Calculated concentration of these coal-tar products is based on the identified polycyclic aromatic hydrocarbons (PAHs) and heterocyclic compounds

**** = Calculated concentration of these Aluminosilicate and Zirconia Aluminosilicate is based on the identified aluminum and zirconium results by ICP-AES

The chemical analysis shall refer to

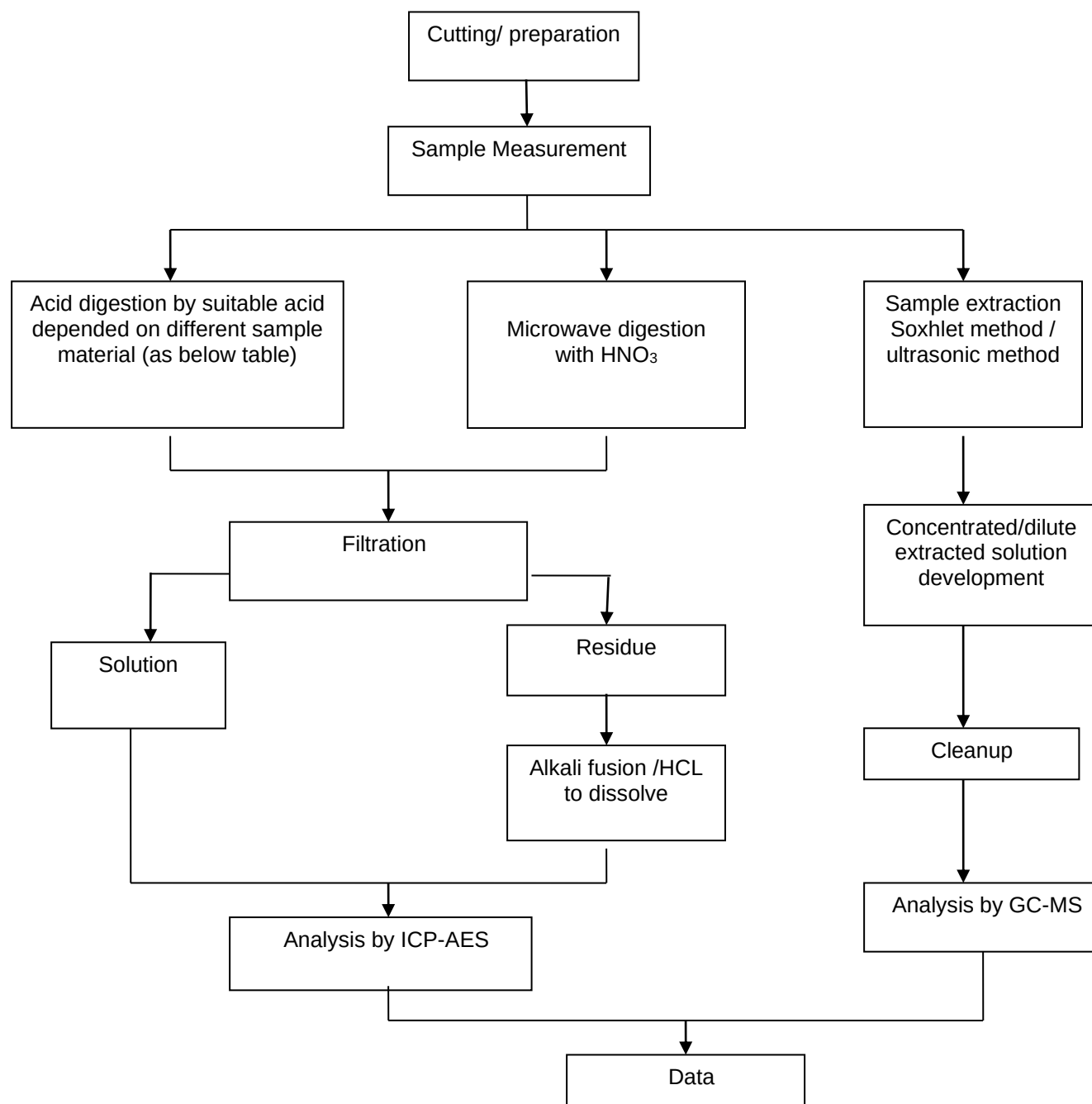
http://echa.europa.eu/chem_data/authorisation_process/candidate_list_table_en.asp

If a SVHC is found over the reporting limit, client is suggested to identify the component which contains the SVHC and the exact concentration of the SVHC by requesting further quantitative analysis from the laboratory

= Mixed, The admixture of specimen is tested as a whole(part) which according to the applicant's request, the result of report as a average value because of the whole specimen is regarded as constituting from the homogeneous material. If according to the provision, the testing of specimen may have the obvious difference, and the result may exceed the number in this report. The applicant will undertake all differences and risk. Flow chart appendix is included.

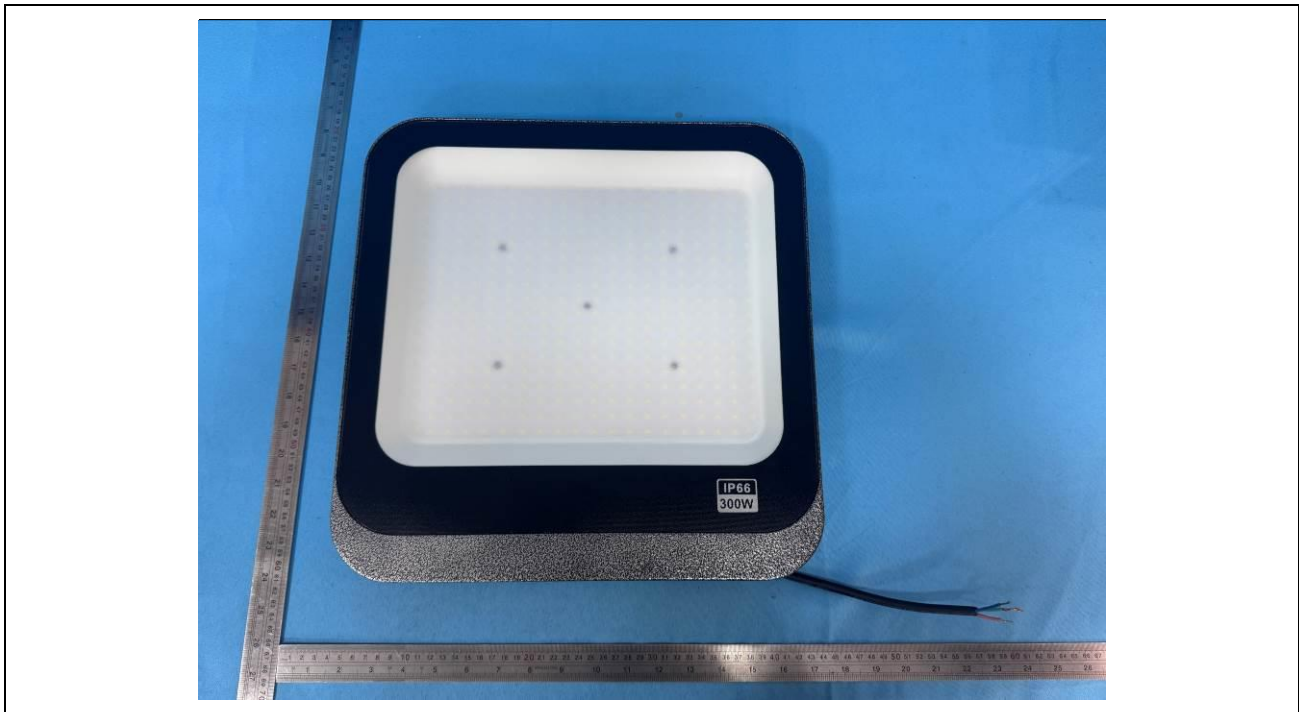
Photo appendix is included.

Appendix



Sample photos

Details of: General view of SD-SF22902-4



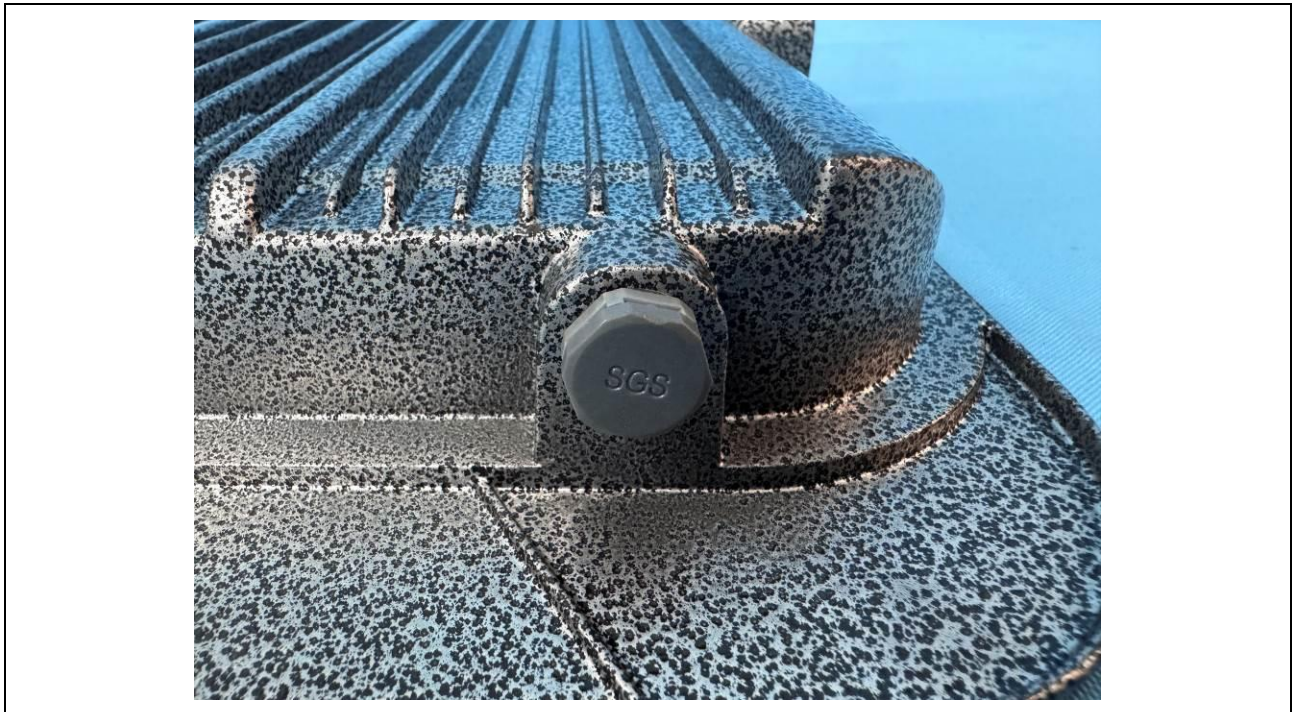
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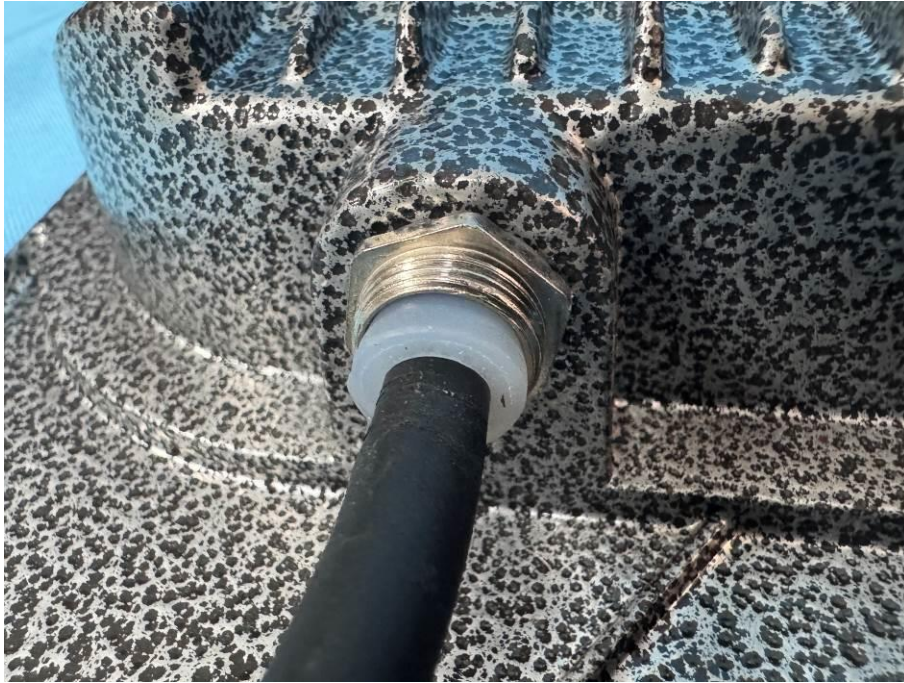
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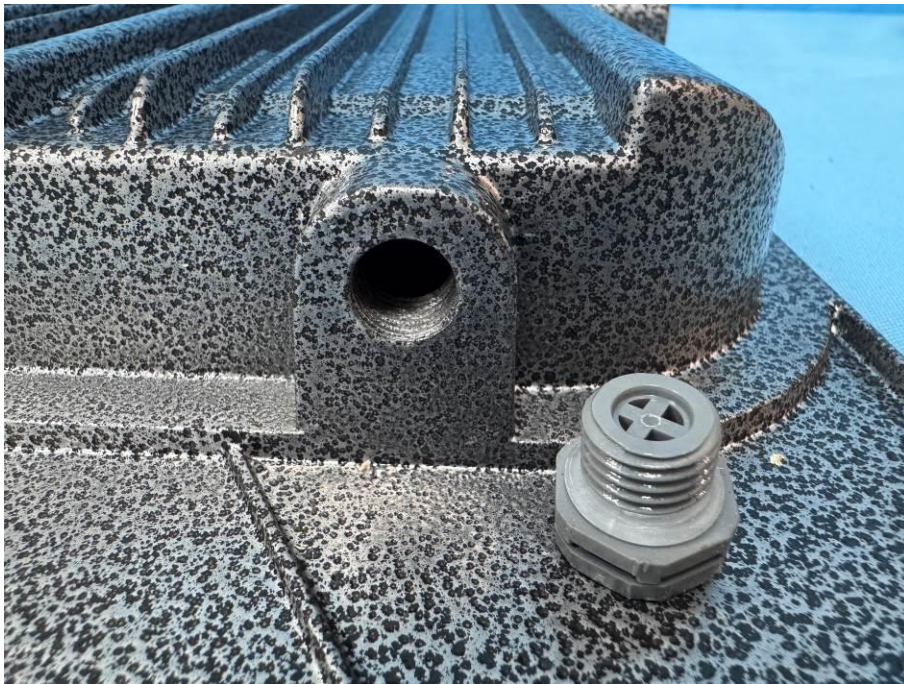
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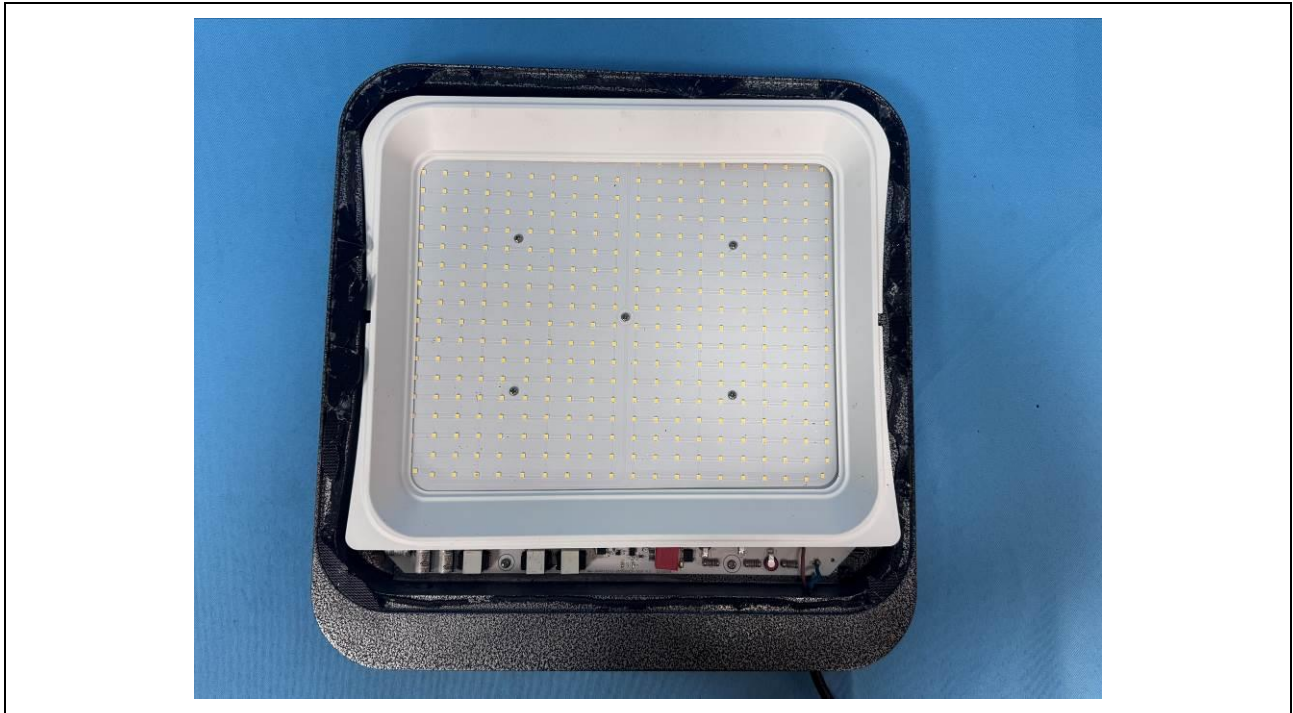
Details of: Internal view of SD-SF22902-4



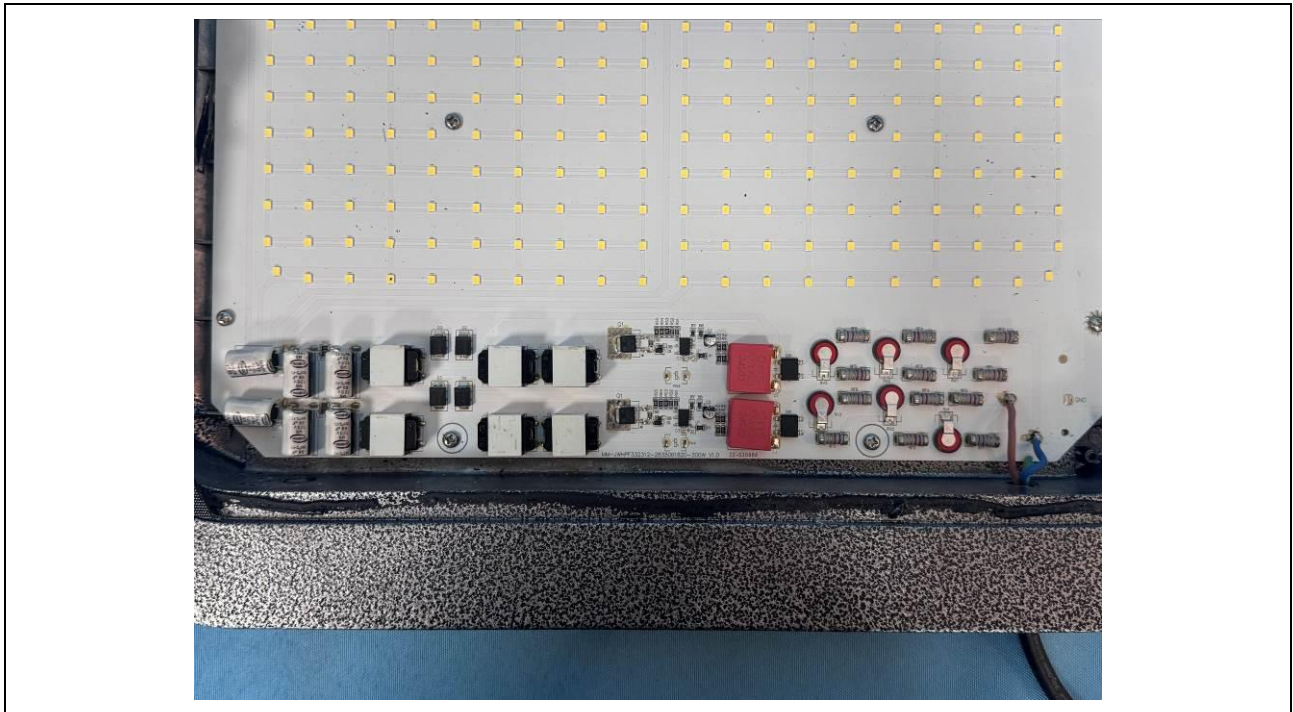
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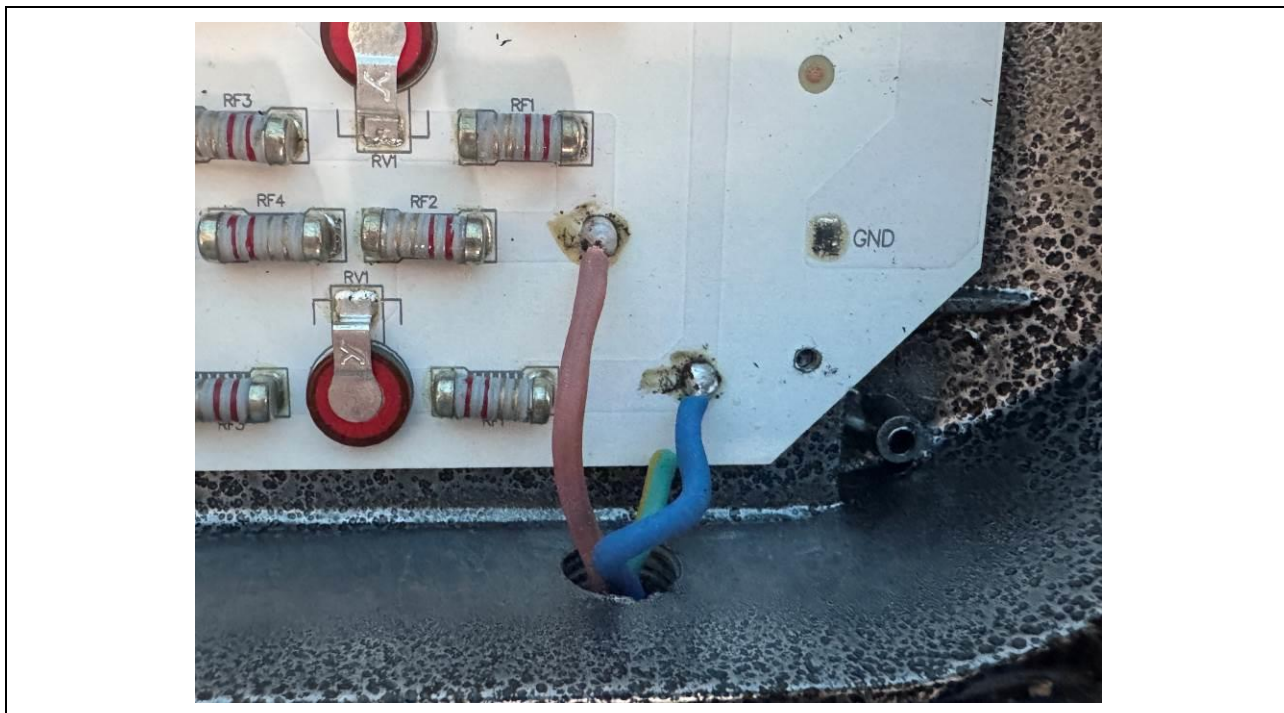
Details of: Internal view of SD-SF22902-4



Details of: Internal view of SD-SF22902-4



Details of: Internal view of SD-SF22902-4



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