

FANLIGHT CORPORATION, INC.

February 10, 2022

Material License: 04-23991-01E

Docket No.: 030-38462

Document Control Desk/Exempt Distribution
Director, Office of Nuclear Material Safety and Safeguards,
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

To Whom It May Concern:

I am enclosing the annual exempt product transfer report 2021 for the above Material License which authorizes Fanlight Corp. to distribute light bulbs containing byproduct material to persons exempt from licensing pursuant to Section 30.15(a)(8), 10 CFR Part 30.

The attached report reflects the quantity transferred in the year of 2021.

Please do not hesitate to contact me by email (laurence@fanlightinc.com) or by phone (909-930-6868 ext: 120) if any questions.

Best Regards,



Laurence Lin

Project Manager

FANLIGHT CORPORATION, INC

2000 S. Grove Ave, Building B, Ontario, CA 91761
Tel: (909) 930-6868 • Fax: (909) 930-9988/5300
E-mail: info@fanlightinc.com
www.plusrite.com • www.fanlightinc.com

February 10, 2022

Material License: 04-23991-01E

Docket No.: 030-38462

FANLIGHT CORP.

Annual Byproduct Transfer Report

Reporting for Calendar Year: 2021

Material: Kr-85 (gas)

Metal Halide Lamp -Product Code-	Quantity Transferred (pcs)	Quantity per Lamp (mci)	Total Quantity (mci)
1005	24	0.0000157	0.0003770
1012	2576	0.0000157	0.0404632
1050	1034	0.0000157	0.0162418
1028	44777	0.0001020	4.5672540
1055	28	0.0001020	0.0028560
1056	230	0.0001020	0.0234600
1029	9375	0.0001020	0.9562500
1006	12	0.0000248	0.0002976
1013	3344	0.0000248	0.0829312
1051	1097	0.0000248	0.0272056
1030	4475	0.0001496	0.6694600
1009	8	0.0000189	0.0001512
1015	454	0.0000189	0.0085806
1014	17918	0.0000189	0.3386502
2401	28	0.0000189	0.0005292
1018	376	0.0000310	0.0116560
1017	27779	0.0000310	0.8611490
1020	75	0.0000310	0.0023250
2403	115	0.0000310	0.0035650
1023	1014	0.0000723	0.0733122
1022	54707	0.0000723	3.9553161
1025	1420	0.0000723	0.1026660
1024	22111	0.0000723	1.5986253
1052	17	0.0000723	0.0012291

1053	532	0.0000723	0.0384636
1152	4	0.0000723	0.0002892
1027	5	0.0000723	0.0003615
2406	221	0.0000723	0.0159783
1001	28	0.0000077	0.0002156
1003	25	0.0000125	0.0003118
1011	1567	0.0000125	0.0195451
1049	817	0.0000125	0.0101904
1066	12	0.0000157	0.0001885
1142	14	0.0000248	0.0003473
1143	33	0.0000248	0.0008185
1144	23	0.0000248	0.0005705
2409	8	0.0000310	0.0002483
2410	36	0.0000310	0.0011172
2411	4	0.0000310	0.0001241
1140	2	0.0000125	0.0000249
1036	585	0.0000125	0.0072967
1035	28438	0.0000125	0.3547064
1043	168	0.0001020	0.0171390
1044	674	0.0001020	0.0687602
1524	20	0.0001020	0.0020404
1038	640	0.0000248	0.0158748
1037	12566	0.0000248	0.3116922
1040	850	0.0000189	0.0160327
1604	360	0.0000189	0.0067903
1603	1146	0.0000189	0.0216159
1039	18294	0.0000189	0.3450618
1607	2	0.0000189	0.0000377
1041	488	0.0000310	0.0151437
1557	1189	0.0000310	0.0368973
1613	3424	0.0000445	0.1522048
1616	2	0.0000445	0.0000889
1615	136	0.0000445	0.0060455
1623	39	0.0000445	0.0017336
1622	190	0.0000445	0.0084459
1042	2511	0.0000482	0.1210647
1566	66	0.0000482	0.0031821
1565	815	0.0000482	0.0392942
1563	1971	0.0000482	0.0950293
1032	60	0.0000077	0.0004620
1031	7044	0.0000077	0.0542388
1633	800	0.0001033	0.0826458
1678	163	0.0001033	0.0168391

1034	3107	0.0000125	0.0387535
1033	14364	0.0000125	0.1791618
1509	1222	0.0001020	0.1246662
1567	7	0.0000189	0.0001320
1655	92	0.0000189	0.0017353
1656	49	0.0000189	0.0009242
1572	168	0.0000189	0.0031688
1669	769	0.0000189	0.0145049
1672	958	0.0000189	0.0180698
1575	1836	0.0000310	0.0569751
1659	8	0.0000602	0.0004816
1537	17	0.0000602	0.0010235
1578	4508	0.0000602	0.2714058
1544	3	0.0000978	0.0002934
1150	25	0.0000445	0.0011113
1590	2	0.0000482	0.0000964
1552	51	0.0000482	0.0024589
1589	4401	0.0000482	0.2121886
1551	16	0.0000482	0.0007714
1592	1557	0.0000482	0.0750688
1508	3269	0.0000880	0.2877232
XTB2000	3684	0.0000248	0.0913794
XTB2001	2172	0.0000248	0.0538752
BUHL1DEPH	1488	0.0000248	0.0369090
XTB2021	924	0.0000482	0.0445495
04873B	1224	0.0000125	0.0152669
05250a	1188	0.0000125	0.0148179
01223e	4506	0.0000248	0.1117687
01060d	3468	0.0000248	0.0860217
01060K	120	0.0000248	0.0029765
02024J	60	0.0000248	0.0014883
02024A	1044	0.0000248	0.0258958
01067a	648	0.0001496	0.0969198
01067F	660	0.0001496	0.0987146
02287b	2556	0.0000189	0.0482113
02287H	252	0.0000189	0.0047532
06782a	252	0.0000189	0.0047532
01047c	2880	0.0000310	0.0893727
01047K	60	0.0000310	0.0018619
01047J	252	0.0000310	0.0078201
26572B	60	0.0000978	0.0058677
07694E	1968	0.0000482	0.0948846
01054d	1530	0.0000482	0.0737670

26080B	84	0.0000482	0.0040500
02525D	132	0.0000482	0.0063642
01835a	180	0.0000077	0.0013919
06205B	276	0.0000125	0.0034425
07935A	192	0.0000125	0.0023948
23444B	180	0.0000125	0.0022451
21680C	120	0.0000248	0.0029765
27996C	120	0.0000248	0.0029765
22634I	60	0.0000077	0.0004640
31077B	84	0.0000077	0.0006496
28257B	60	0.0000077	0.0004640
22634H	120	0.0000077	0.0009280
23437G	240	0.0000125	0.0029935
27158C	60	0.0000125	0.0007484
06610b	60	0.0000125	0.0007484
05250H	2724	0.0000125	0.0339764
32882A	60	0.0000248	0.0014883
25568A	60	0.0000248	0.0014883
25337a	60	0.0000189	0.0011317
26546B	60	0.0000189	0.0011317
25456a	120	0.0000189	0.0022634
26554C	60	0.0000356	0.0021337
26559B	60	0.0000310	0.0018619
26568A	60	0.0000602	0.0036123
26569c	60	0.0000602	0.0036123
25311a	246	0.0000482	0.0118606
20481F	180	0.0000125	0.0022451
32738a	120	0.0000248	0.0029765
26542B	324	0.0000189	0.0061113
26550B	60	0.0000356	0.0021337
26556C	120	0.0000310	0.0037239
26564C	576	0.0000602	0.0346783
24796C	336	0.0000880	0.0295733
FMH100U/MED	2448	0.0000125	0.0305338
FMH1000U/BT37	4812	0.0000248	0.1193588
FMH1000/BT56	2112	0.0000248	0.0523869
FMH150U/MED	1728	0.0000248	0.0428620
FMH1500U/BT56	402	0.0001496	0.0601262
FMH175/MED	2016	0.0000189	0.0380258
FMH175U/MOG	2160	0.0000189	0.0407420
FMH250U/MOG	3528	0.0000310	0.1094815
FMH400U/ED28/MOG	5316	0.0000482	0.2563042
FMH400/ED37/MOG	3492	0.0000482	0.1683623

FMH70U/MED	432	0.0000125	0.0053883
FMP100/ED17/P/U/4K/M	288	0.0000125	0.0035922
FMP400/ED28/PS/BU/4K	240	0.0000482	0.0115713
901697	13200	0.0000248	0.3274182
FMH1000/U/BT37	576	0.0000248	0.0142873
FMH1000/U/BT56	720	0.0000248	0.0178592
FMH175/U/STD/ED28	1080	0.0000189	0.0203710
FMH250/U/STD/ED28	1488	0.0000310	0.0461759
FMH400/U/STD/ED28	1488	0.0000482	0.0717420
FMH400/U/STD/ED37	2016	0.0000482	0.0971989
FMH100/U/P/ED17	576	0.0000125	0.0071844
FMH150/U/P/ED17	432	0.0000248	0.0107155
FMH175/BU/P/ED17	1296	0.0000189	0.0244452
FMP175/BU/P/ED28	144	0.0000189	0.0027161
FMH50/U/P/ED17	576	0.0000077	0.0044542
FMH70/U/P/ED17	1488	0.0000125	0.0185598
G20126	324	0.0000248	0.0080366
20159-WB	288	0.0000189	0.0054323
20152-WB	348	0.0000310	0.0107992
20151-WB	2232	0.0000310	0.0692638
G20122	504	0.0000310	0.0156402
20156-WB	144	0.0000482	0.0069428
20155-IP	504	0.0000482	0.0242997
S5832	1428	0.0000125	0.0178114
S5845	12312	0.0000248	0.3053919
S5835	8430	0.0000248	0.2091012
S4379	864	0.0000248	0.0214310
S5834	2316	0.0000248	0.0574470
S5837	2646	0.0001496	0.3957559
S4863	504	0.0000189	0.0095065
S4830	360	0.0000189	0.0067903
S5829	15516	0.0000189	0.2926631
S4840	720	0.0000189	0.0135807
S5838	504	0.0000356	0.0179232
S4832	504	0.0000310	0.0156402
S5839	1200	0.0000310	0.0372386
S5831	19668	0.0000310	0.6103410
S5841	1884	0.0000602	0.1134269
S5878	3480	0.0000482	0.1677838
S5843	26184	0.0000482	1.2624282
S5833	18780	0.0000482	0.9054538
S4842	1284	0.0000482	0.0619064
S4857	888	0.0000125	0.0110760

S5830	576	0.0000125	0.0071844
S4851	732	0.0000125	0.0091302
S5858	34716	0.0000125	0.4330117
S7882	240	0.0000248	0.0059531
S5860	10236	0.0000248	0.2538979
S5862	28512	0.0000189	0.5377939
S5863	3192	0.0000189	0.0602076
S5886	504	0.0000310	0.0156402
S5882	984	0.0000310	0.0305357
S5883	504	0.0000602	0.0303435
S4256	360	0.0000978	0.0352063
S5888	240	0.0000482	0.0115713
S5887	3276	0.0000482	0.1579482
S5884	1104	0.0000482	0.0532280
S5854	5652	0.0000077	0.0437065
S5856	16476	0.0000125	0.2055047
S7618	240	0.0000880	0.0211238
S4391	540	0.0000248	0.0133944
S5824	1008	0.0000189	0.0190129
PLT-991239 (1028)	3504	0.0000248	0.0869147
PLT-9268144 (1028)	1500	0.0000248	0.0372066
PLT-991250 (1029)	1002	0.0000248	0.0248540
PLT-991261 (1008)	3744	0.0000189	0.0706194
PLT-9328148 (1008)	2448	0.0000189	0.0461742
PLT-9681462 (1014)	2004	0.0000189	0.0377995
PLT-991283 (1017)	852	0.0000310	0.0264394
PLT-9486544 (1022)	6216	0.0000482	0.2996965
PLT-9045019 (1025)	144	0.0000482	0.0069428
PLT-9884156 (1024)	3504	0.0000482	0.1689409
PLT-9220416	984	0.0000482	0.0474423
PLT-9184607 (1042)	504	0.0000482	0.0242997
PLT-9448319 (1575)	144	0.0000310	0.0044686
37018	5106	0.0000125	0.0636870
37027	1008	0.0000248	0.0250028
37015	900	0.0000248	0.0223240
37019	2232	0.0000189	0.0421000
37020	3384	0.0000189	0.0638291
37031	300	0.0000310	0.0093097
37021	600	0.0000310	0.0186193
37025	600	0.0000482	0.0289282
37036	300	0.0000482	0.0144641
37014	3840	0.0000482	0.1851407
37024	1104	0.0000482	0.0532280

37016	900	0.0000077	0.0069596
37017	1944	0.0000125	0.0242475
37011	2562	0.0000125	0.0319558
37013	900	0.0000248	0.0223240
			Total: 27.4284274 (mci)