

Classified  
Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269



Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P627230 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-740-U-VWR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627230 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-18)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA3D-740-U-VWR-VSR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR  
Light Source: (48) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

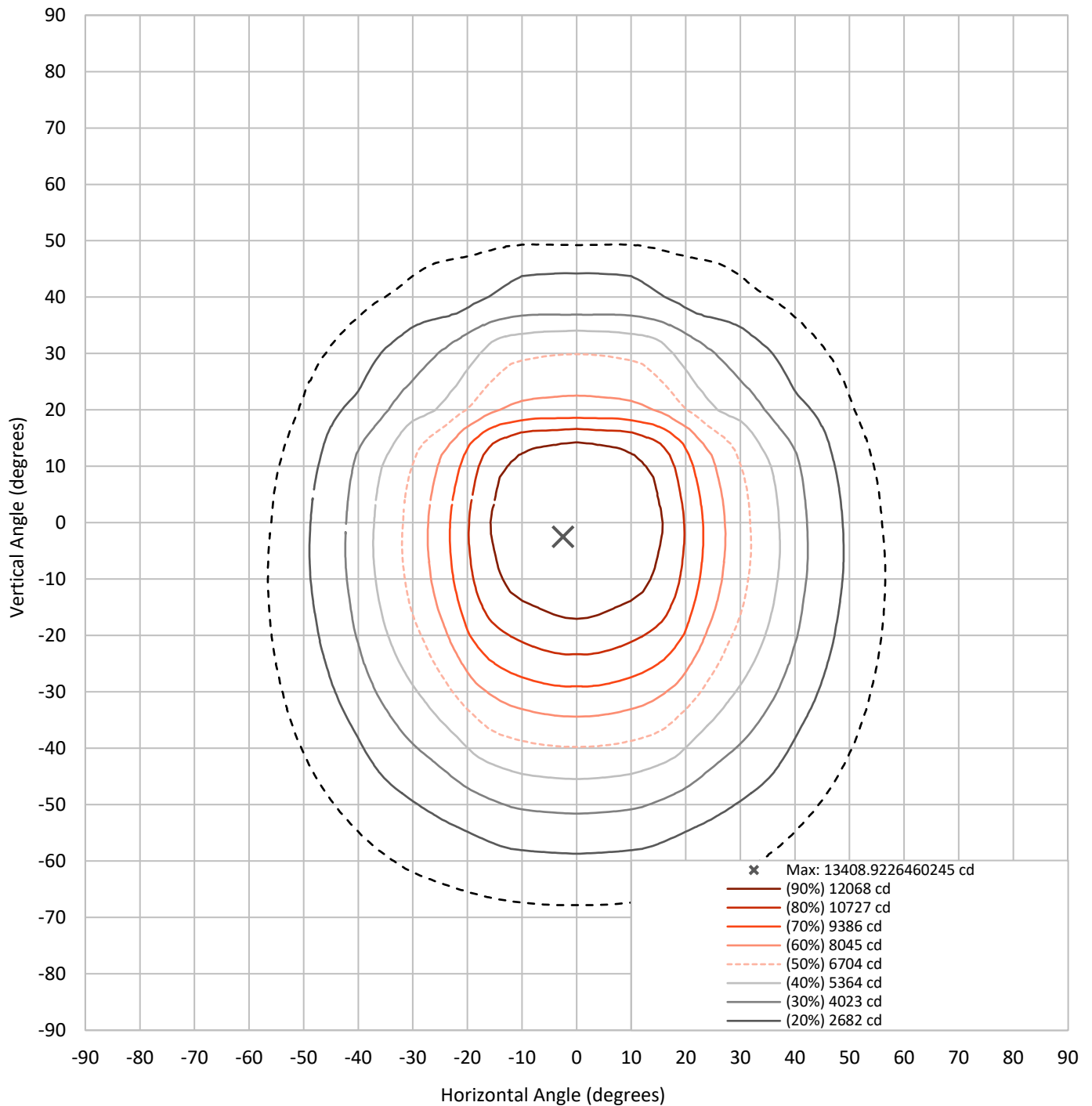
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	17894.6 lumens	Max Intensity:	13408.9 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	111.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	63.9°H x 69.6°V	Field Angle (10%):	112.5°H x 117.1°V
Beam Lumens:	10353.2 lumens	Field Lumens:	16980.9 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	160.2		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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### Iso-Candela Plot

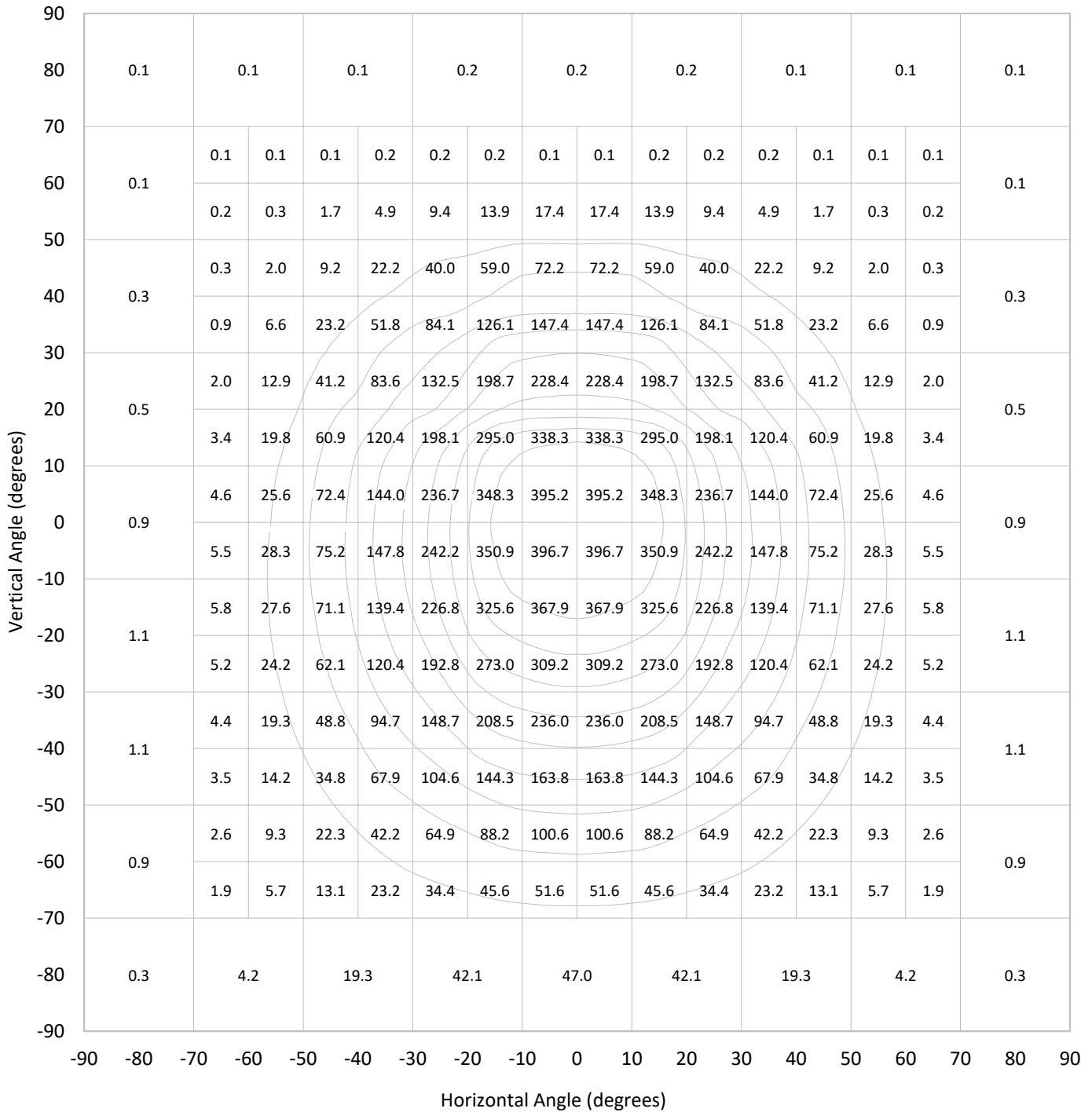




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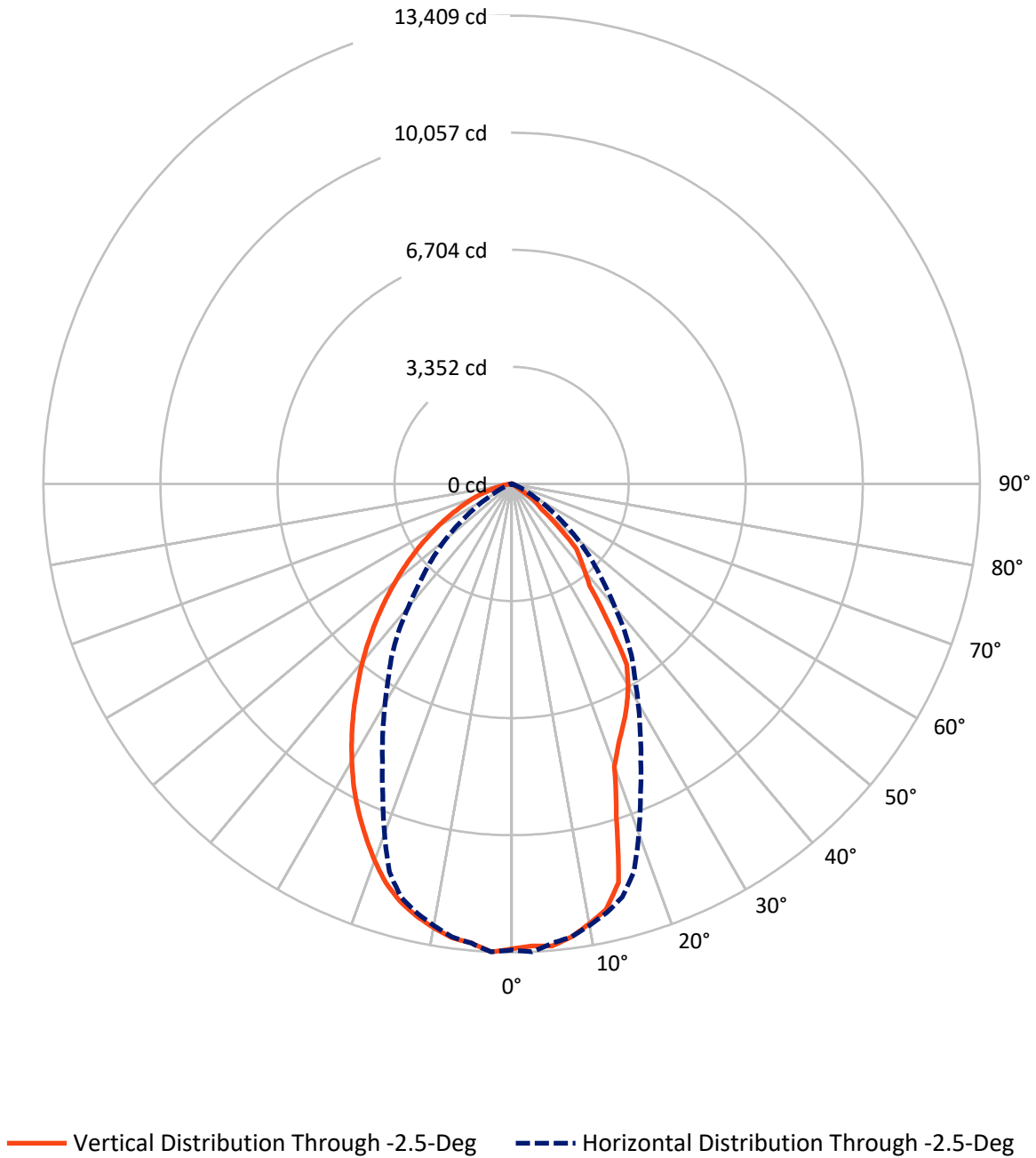
CATALOG NUMBER: GFLD-SA3D-740-U-VWR-VSR-XX

### Lumen Table



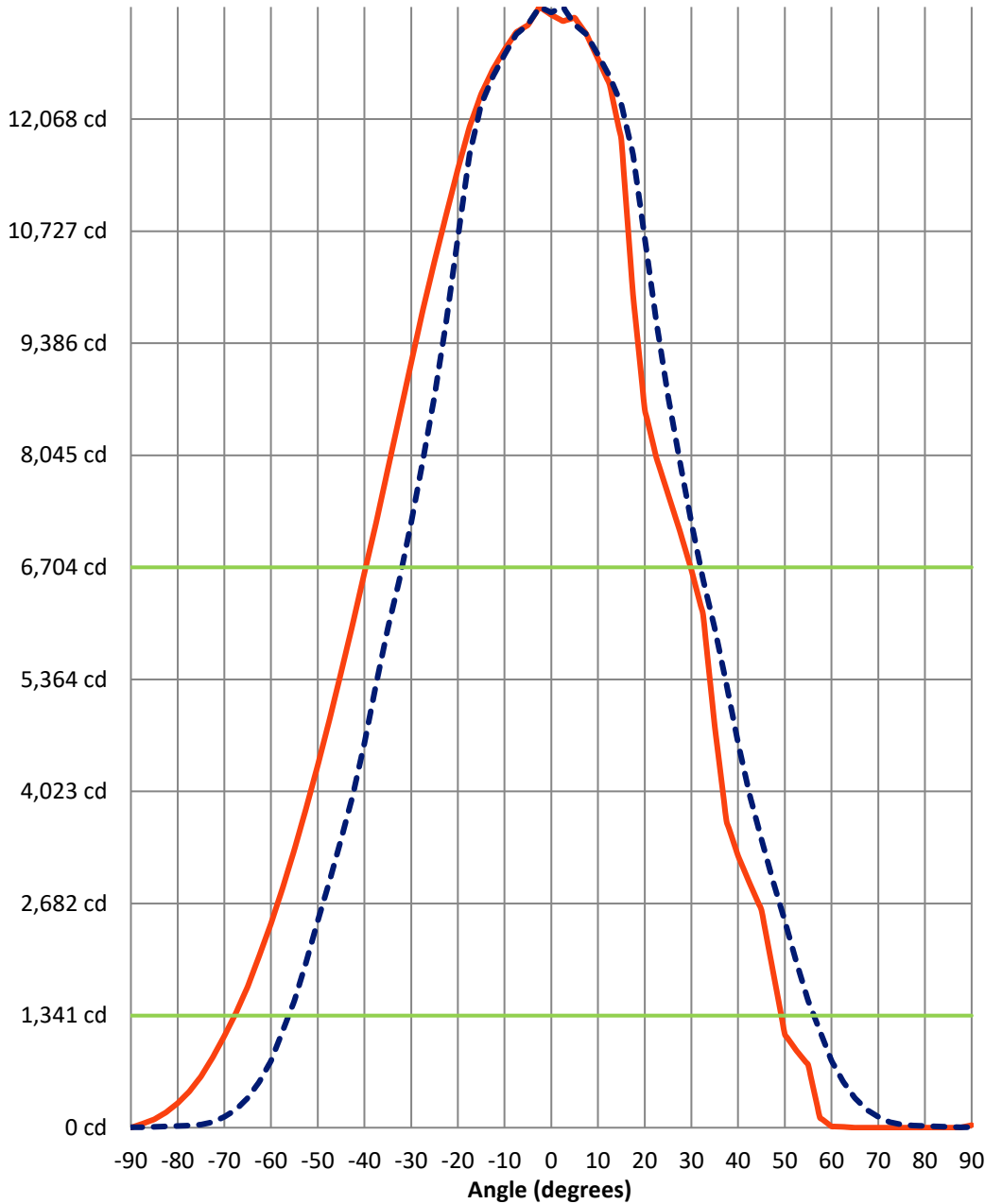
REPORT NUMBER: P627230 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3D-740-U-VWR-VSR-XX

### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 63.9°  
 V Angle: 69.6°  
 Lumens: 10353.2  
 Efficiency: 57.9%

**Field:**  
 H Angle: 112.5°  
 V Angle: 117.1°  
 Lumens: 16980.9  
 Efficiency: 94.9%

**Spill:**  
 Lumens: 913.8  
 Efficiency: 5.1%

- Vertical Distribution through -2.5-Deg
- - - Horizontal Distribution through -2.5-Deg

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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	5	5	5	6	8	9	10	11	13	14	15
87.5°	5	5	5	5	5	4	4	3	2	1	0
85°	5	5	5	5	4	3	2	2	1	0	0
82.5°	5	5	5	5	4	3	1	0	0	1	1
80°	5	5	5	4	3	2	0	1	2	3	3
77.5°	5	5	5	4	3	2	2	2	3	5	5
75°	5	5	5	4	3	2	3	4	5	4	3
72.5°	5	5	5	4	3	3	4	5	4	3	1
70°	5	5	5	4	4	4	5	5	4	2	2
67.5°	5	5	5	4	4	5	5	5	3	4	4
65°	5	5	5	4	4	5	5	5	5	6	6
62.5°	5	5	5	4	5	6	6	6	7	8	7
60°	5	5	5	5	5	6	6	7	8	9	8
57.5°	5	5	5	5	5	6	7	9	10	10	10
55°	5	5	5	5	6	7	8	10	11	12	12
52.5°	5	5	5	5	7	8	10	12	13	14	15
50°	5	5	5	5	7	9	11	13	15	16	17
47.5°	5	5	5	5	8	10	12	14	17	18	19
45°	5	5	6	6	8	11	13	16	18	20	22
42.5°	5	5	6	6	9	12	14	17	20	22	26
40°	5	5	6	7	10	13	15	19	22	24	31
37.5°	5	5	6	7	10	13	17	21	24	28	36
35°	5	5	6	8	11	14	18	23	27	34	46
32.5°	5	5	7	9	12	15	19	24	29	41	66
30°	5	5	7	9	12	16	20	26	31	50	85
27.5°	5	5	7	10	13	17	22	28	35	59	104
25°	5	5	7	10	14	17	23	30	43	73	122
22.5°	5	5	8	11	15	18	25	32	50	88	146
20°	5	5	8	12	15	19	26	34	58	102	170
17.5°	5	5	8	12	16	20	28	36	66	116	194
15°	5	5	8	13	17	21	29	39	74	128	217
12.5°	5	5	9	13	17	22	30	42	83	140	238
10°	5	5	9	13	18	22	31	46	93	154	260
7.5°	5	5	9	14	19	23	32	50	102	167	284
5°	5	5	10	14	19	24	33	53	110	179	305
2.5°	5	5	10	15	20	24	34	57	118	190	324
0°	5	5	10	15	20	25	35	60	125	200	340
-2.5°	5	5	10	15	20	26	37	66	130	216	355
-5°	5	5	10	15	21	26	39	72	134	230	367
-7.5°	5	5	10	15	21	26	40	77	137	241	377
-10°	5	5	10	15	21	27	42	81	140	249	384
-12.5°	5	5	10	15	21	27	43	84	141	254	389
-15°	5	5	10	14	22	27	43	86	144	253	391
-17.5°	5	5	10	14	22	28	43	87	148	251	389
-20°	5	5	9	14	21	28	45	89	151	246	382

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REPORT NUMBER: P627230 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	5	5	9	14	21	28	47	90	152	239	370
-25°	5	5	9	14	21	30	50	90	152	231	352
-27.5°	5	5	9	13	20	32	52	88	150	224	340
-30°	5	5	9	13	20	34	53	86	147	220	326
-32.5°	5	5	8	13	20	36	53	86	143	215	310
-35°	5	5	8	12	21	37	55	86	138	207	292
-37.5°	5	5	8	12	21	38	56	86	132	197	284
-40°	5	5	8	11	22	38	57	85	124	188	275
-42.5°	5	5	7	11	22	38	58	83	120	180	261
-45°	5	5	7	11	22	38	57	81	117	170	244
-47.5°	5	5	7	11	22	37	56	80	112	159	231
-50°	5	5	6	11	21	37	55	78	109	155	214
-52.5°	5	5	6	11	21	35	54	75	106	149	197
-55°	5	5	6	11	20	34	52	72	103	142	189
-57.5°	5	5	5	10	19	32	50	69	98	135	179
-60°	5	5	5	10	17	30	47	66	92	127	168
-62.5°	5	5	5	9	16	27	43	61	84	117	155
-65°	5	5	5	9	15	24	39	55	75	104	140
-67.5°	5	5	5	8	14	22	34	49	64	88	120
-70°	5	5	5	7	13	20	29	41	55	71	97
-72.5°	5	5	5	7	11	18	26	34	45	59	74
-75°	5	5	5	7	10	16	22	29	35	46	59
-77.5°	5	5	5	7	9	13	19	24	29	35	43
-80°	5	5	5	7	9	12	15	19	24	28	33
-82.5°	5	5	5	7	9	11	14	16	18	21	25
-85°	5	5	5	7	8	10	13	14	16	18	19
-87.5°	5	5	5	6	8	10	11	13	14	16	17
-90°	5	5	5	5	5	5	5	4	2	1	0





REPORT NUMBER: P627230 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-740-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	15	15	15	15	15	15	15	15	16	18	19
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	1	1	1	0	0	0	0	0	0	0	0
80°	3	3	1	0	0	0	0	0	0	0	0
77.5°	3	1	1	0	0	0	0	0	0	0	0
75°	1	0	0	0	0	0	0	0	0	0	0
72.5°	1	1	1	1	0	0	0	0	0	0	0
70°	3	3	2	1	0	0	1	1	0	0	1
67.5°	5	3	2	1	2	3	2	3	3	3	3
65°	5	4	4	4	5	5	6	6	5	5	5
62.5°	5	6	6	7	8	9	9	8	6	7	8
60°	7	8	9	10	11	12	11	11	13	15	28
57.5°	10	11	12	14	15	15	16	17	40	65	72
55°	13	13	15	18	19	19	27	58	87	121	133
52.5°	15	16	20	23	25	39	70	111	154	193	243
50°	18	21	25	30	47	83	128	185	250	312	375
47.5°	22	27	32	47	93	143	205	296	377	452	539
45°	28	37	43	92	146	211	317	427	501	601	754
42.5°	33	51	83	139	205	309	440	535	632	795	956
40°	47	69	125	192	275	427	562	669	802	982	1150
37.5°	65	105	168	248	385	552	696	849	1002	1172	1484
35°	85	138	222	331	496	690	863	1033	1210	1544	1854
32.5°	110	169	279	427	615	829	1029	1226	1509	1887	2198
30°	137	219	344	516	727	955	1196	1435	1810	2122	2460
27.5°	166	271	421	609	832	1075	1346	1687	2021	2330	2701
25°	195	326	491	697	936	1204	1516	1931	2193	2534	2921
22.5°	233	378	561	778	1032	1337	1735	2152	2459	2746	3125
20°	277	437	636	879	1126	1466	1952	2391	2753	3081	3429
17.5°	318	492	717	982	1262	1632	2165	2651	3049	3415	3849
15°	356	543	796	1079	1397	1823	2357	2890	3345	3757	4250
12.5°	390	589	872	1170	1523	1987	2517	3038	3538	4075	4634
10°	421	631	944	1254	1641	2126	2650	3161	3666	4234	4855
7.5°	455	670	1010	1331	1747	2240	2756	3260	3769	4361	4999
5°	485	706	1062	1386	1830	2330	2836	3335	3847	4456	5108
2.5°	513	736	1104	1429	1891	2396	2888	3398	3905	4533	5191
0°	536	761	1136	1462	1937	2443	2918	3439	3939	4585	5246
-2.5°	550	801	1158	1519	1977	2474	2946	3450	3976	4602	5307
-5°	561	834	1172	1564	2004	2487	2955	3441	3986	4597	5316
-7.5°	567	857	1178	1589	2013	2479	2939	3424	3970	4582	5276
-10°	570	864	1186	1581	2001	2452	2905	3385	3924	4530	5201
-12.5°	580	859	1185	1564	1975	2412	2855	3322	3849	4443	5096
-15°	582	849	1171	1540	1934	2359	2789	3235	3755	4358	4981
-17.5°	577	833	1143	1508	1881	2294	2712	3158	3668	4260	4860
-20°	563	813	1101	1471	1817	2223	2635	3076	3567	4124	4724

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REPORT NUMBER: P627230 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	541	789	1056	1418	1761	2141	2544	2965	3441	3947	4542
-25°	519	761	1020	1347	1695	2045	2439	2829	3293	3790	4318
-27.5°	497	723	983	1268	1617	1943	2321	2701	3126	3614	4099
-30°	469	681	938	1193	1523	1846	2190	2564	2946	3408	3886
-32.5°	444	638	886	1136	1423	1738	2048	2404	2777	3171	3644
-35°	428	612	831	1069	1320	1620	1915	2224	2586	2955	3370
-37.5°	414	583	774	1000	1239	1496	1772	2057	2372	2745	3135
-40°	393	550	731	934	1145	1379	1635	1893	2166	2530	2915
-42.5°	366	518	691	862	1055	1269	1496	1739	2002	2318	2672
-45°	345	477	646	800	959	1155	1368	1588	1836	2108	2425
-47.5°	319	432	588	731	872	1039	1234	1442	1662	1906	2167
-50°	290	395	516	656	790	929	1095	1288	1487	1700	1933
-52.5°	269	352	463	579	706	832	974	1139	1317	1495	1700
-55°	245	320	411	515	624	740	870	1014	1159	1323	1486
-57.5°	227	289	368	459	556	655	777	899	1034	1169	1304
-60°	214	263	328	408	495	587	687	800	916	1027	1143
-62.5°	199	241	292	357	436	516	604	701	806	899	990
-65°	179	216	260	313	374	442	517	599	689	765	839
-67.5°	156	187	224	267	319	372	427	496	569	631	691
-70°	128	156	186	222	262	307	356	406	456	506	561
-72.5°	98	124	149	174	207	243	283	325	369	412	454
-75°	75	91	114	136	159	183	209	243	284	325	364
-77.5°	56	70	85	101	115	133	152	173	206	245	284
-80°	41	49	61	73	83	93	103	114	139	170	203
-82.5°	30	36	42	50	55	60	65	72	91	112	134
-85°	21	22	26	30	33	36	39	42	52	63	75
-87.5°	18	19	20	21	21	21	22	22	25	29	33
-90°	0	0	0	0	0	0	0	0	0	0	0



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 CATALOG NUMBER: GFLD-SA3D-740-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	20	21	23	24	25	26	28	29	30	30	30
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	2	3	3	2	1	0	0	0	0	0	0
65°	5	5	4	2	1	2	3	4	4	3	3
62.5°	8	7	7	8	9	11	10	10	9	8	9
60°	30	20	23	29	27	18	30	34	29	20	19
57.5°	75	72	83	121	133	122	145	176	175	151	150
55°	160	214	280	291	337	429	501	469	469	493	569
52.5°	304	355	374	426	521	591	636	682	733	785	837
50°	446	496	552	605	738	809	797	893	1016	1092	1132
47.5°	654	732	853	1041	1140	1211	1300	1409	1550	1740	1887
45°	898	1023	1208	1408	1562	1632	1734	1902	2126	2345	2504
42.5°	1099	1269	1478	1669	1795	1910	2042	2184	2440	2674	2858
40°	1360	1492	1728	1908	2020	2134	2343	2555	2797	3014	3165
37.5°	1691	1840	2085	2288	2397	2437	2792	3088	3284	3562	3652
35°	2047	2292	2604	2868	2974	3185	3552	3964	4411	4575	4716
32.5°	2444	2746	3169	3453	3604	3925	4389	4829	5413	5730	5825
30°	2807	3154	3518	3793	4052	4438	4861	5404	5944	6350	6476
27.5°	3073	3458	3807	4065	4357	4774	5301	5850	6381	6794	6941
25°	3327	3762	4039	4339	4681	5135	5720	6331	6853	7202	7383
22.5°	3617	4045	4342	4596	5044	5568	6110	6800	7354	7633	7828
20°	3915	4400	4859	5095	5483	6146	6753	7404	7939	8229	8435
17.5°	4332	4950	5512	5847	6262	7055	7812	8471	9215	9477	9729
15°	4771	5486	6145	6675	7212	7997	8972	9767	10616	10995	11423
12.5°	5209	5886	6483	7167	7922	8617	9545	10536	11305	11789	12077
10°	5536	6165	6740	7425	8179	8965	9887	10903	11708	12121	12356
7.5°	5713	6315	6921	7615	8366	9203	10154	11161	11985	12384	12616
5°	5844	6422	7050	7781	8540	9388	10338	11333	12084	12509	12802
2.5°	5923	6490	7132	7888	8649	9532	10528	11559	12217	12558	12828
0°	5947	6517	7178	7944	8724	9615	10601	11623	12288	12619	12894
-2.5°	5972	6560	7239	7980	8754	9643	10649	11644	12243	12576	12838
-5°	5954	6563	7240	7950	8729	9611	10577	11507	12134	12494	12754
-7.5°	5900	6518	7188	7870	8635	9526	10488	11384	12019	12399	12684
-10°	5822	6422	7096	7787	8542	9391	10338	11229	11836	12240	12572
-12.5°	5735	6322	6972	7635	8382	9220	10138	10981	11585	12025	12262
-15°	5606	6193	6815	7456	8184	8997	9874	10682	11275	11633	11896
-17.5°	5443	6018	6608	7216	7902	8702	9584	10382	10865	11185	11443
-20°	5267	5800	6358	6932	7596	8390	9256	9952	10407	10715	10958



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 CATALOG NUMBER: GFLD-SA3D-740-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5067	5580	6090	6639	7291	8018	8783	9456	9945	10225	10450
-25°	4838	5337	5822	6352	6951	7605	8316	8977	9416	9713	9936
-27.5°	4592	5060	5534	6010	6549	7200	7859	8473	8847	9147	9371
-30°	4346	4767	5206	5656	6162	6749	7365	7882	8276	8568	8776
-32.5°	4079	4479	4868	5289	5765	6282	6823	7314	7736	8003	8178
-35°	3807	4194	4549	4931	5351	5798	6297	6781	7198	7409	7580
-37.5°	3522	3908	4245	4565	4926	5340	5826	6288	6648	6830	6984
-40°	3275	3615	3918	4224	4518	4885	5339	5786	6075	6252	6395
-42.5°	3035	3322	3570	3844	4138	4500	4867	5242	5474	5670	5821
-45°	2756	3012	3245	3473	3741	4072	4404	4705	4922	5112	5259
-47.5°	2447	2694	2920	3124	3373	3649	3929	4179	4394	4581	4712
-50°	2159	2380	2600	2807	3023	3246	3473	3692	3896	4078	4190
-52.5°	1900	2104	2297	2478	2667	2855	3043	3244	3432	3604	3693
-55°	1667	1851	2025	2177	2329	2478	2639	2825	2998	3157	3221
-57.5°	1457	1615	1769	1897	2021	2140	2282	2438	2589	2726	2779
-60°	1265	1389	1518	1632	1740	1842	1966	2092	2214	2318	2362
-62.5°	1087	1194	1292	1384	1476	1568	1667	1767	1866	1946	1986
-65°	916	1001	1080	1156	1230	1307	1385	1461	1534	1591	1626
-67.5°	756	820	883	942	1004	1066	1127	1186	1241	1285	1318
-70°	614	664	712	761	813	862	908	951	992	1024	1049
-72.5°	495	535	577	621	663	699	732	764	795	813	826
-75°	399	433	470	505	540	568	592	615	638	639	635
-77.5°	322	353	381	409	437	454	469	484	500	491	476
-80°	236	262	286	310	334	344	351	357	363	351	336
-82.5°	157	173	189	204	221	227	232	236	239	228	216
-85°	88	95	103	110	118	123	127	131	134	128	121
-87.5°	36	38	40	41	43	45	46	48	49	50	50
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627230 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	30	30	30	30	30	30	30	30	30	30	29
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	1	0	0	0	0	0	1	3	3	4	4
62.5°	9	10	10	10	10	10	9	9	8	9	10
60°	18	15	15	15	15	15	18	19	20	29	34
57.5°	139	119	122	135	122	119	139	150	151	175	176
55°	648	724	750	736	750	724	648	569	493	469	469
52.5°	879	909	921	921	921	909	879	837	785	733	682
50°	1144	1133	1117	1101	1117	1133	1144	1132	1092	1016	893
47.5°	1909	1876	1862	1887	1862	1876	1909	1887	1740	1550	1409
45°	2537	2575	2604	2603	2604	2575	2537	2504	2345	2126	1902
42.5°	2894	2915	2921	2913	2921	2915	2894	2858	2674	2440	2184
40°	3213	3237	3251	3264	3251	3237	3213	3165	3014	2797	2555
37.5°	3682	3691	3672	3659	3672	3691	3682	3652	3562	3284	3088
35°	4834	4857	4803	4860	4803	4857	4834	4716	4575	4411	3964
32.5°	5938	6048	6138	6212	6138	6048	5938	5825	5730	5413	4829
30°	6563	6635	6673	6682	6673	6635	6563	6476	6350	5944	5404
27.5°	7023	7097	7144	7178	7144	7097	7023	6941	6794	6381	5850
25°	7465	7534	7580	7598	7580	7534	7465	7383	7202	6853	6331
22.5°	7925	7972	8017	8039	8017	7972	7925	7828	7633	7354	6800
20°	8583	8557	8598	8584	8598	8557	8583	8435	8229	7939	7404
17.5°	9925	9939	9966	10011	9966	9939	9925	9729	9477	9215	8471
15°	11613	11646	11819	11973	11819	11646	11613	11423	10995	10616	9767
12.5°	12345	12462	12480	12524	12480	12462	12345	12077	11789	11305	10536
10°	12589	12792	12788	12839	12788	12792	12589	12356	12121	11708	10903
7.5°	12774	12993	13085	13124	13085	12993	12774	12616	12384	11985	11161
5°	13000	13121	13280	13234	13280	13121	13000	12802	12509	12084	11333
2.5°	13095	13284	13240	13285	13240	13284	13095	12828	12558	12217	11559
0°	13159	13294	13314	13360	13314	13294	13159	12894	12619	12288	11623
-2.5°	13082	13201	13409	13345	13409	13201	13082	12838	12576	12243	11644
-5°	13014	13306	13193	13335	13193	13306	13014	12754	12494	12134	11507
-7.5°	12979	13031	13106	13214	13106	13031	12979	12684	12399	12019	11384
-10°	12707	12760	12899	12974	12899	12760	12707	12572	12240	11836	11229
-12.5°	12412	12516	12661	12709	12661	12516	12412	12262	12025	11585	10981
-15°	12073	12227	12369	12399	12369	12227	12073	11896	11633	11275	10682
-17.5°	11641	11826	11975	12008	11975	11826	11641	11443	11185	10865	10382
-20°	11166	11342	11469	11508	11469	11342	11166	10958	10715	10407	9952

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REPORT NUMBER: P627230 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	10656	10816	10923	10907	10923	10816	10656	10450	10225	9945	9456
-25°	10116	10264	10366	10351	10366	10264	10116	9936	9713	9416	8977
-27.5°	9544	9684	9783	9786	9783	9684	9544	9371	9147	8847	8473
-30°	8944	9071	9151	9120	9151	9071	8944	8776	8568	8276	7882
-32.5°	8324	8439	8513	8534	8513	8439	8324	8178	8003	7736	7314
-35°	7714	7815	7878	7894	7878	7815	7714	7580	7409	7198	6781
-37.5°	7107	7194	7238	7218	7238	7194	7107	6984	6830	6648	6288
-40°	6507	6590	6640	6652	6640	6590	6507	6395	6252	6075	5786
-42.5°	5917	5986	6030	6052	6030	5986	5917	5821	5670	5474	5242
-45°	5344	5406	5448	5471	5448	5406	5344	5259	5112	4922	4705
-47.5°	4788	4842	4878	4895	4878	4842	4788	4712	4581	4394	4179
-50°	4255	4302	4335	4355	4335	4302	4255	4190	4078	3896	3692
-52.5°	3750	3791	3820	3834	3820	3791	3750	3693	3604	3432	3244
-55°	3268	3301	3327	3344	3327	3301	3268	3221	3157	2998	2825
-57.5°	2818	2845	2870	2888	2870	2845	2818	2779	2726	2589	2438
-60°	2397	2423	2444	2458	2444	2423	2397	2362	2318	2214	2092
-62.5°	2017	2040	2060	2072	2060	2040	2017	1986	1946	1866	1767
-65°	1653	1674	1688	1697	1688	1674	1653	1626	1591	1534	1461
-67.5°	1346	1370	1374	1372	1374	1370	1346	1318	1285	1241	1186
-70°	1072	1092	1097	1096	1097	1092	1072	1049	1024	992	951
-72.5°	838	849	840	826	840	849	838	826	813	795	764
-75°	629	622	613	601	613	622	629	635	639	638	615
-77.5°	461	444	433	421	433	444	461	476	491	500	484
-80°	321	304	293	280	293	304	321	336	351	363	357
-82.5°	203	189	183	175	183	189	203	216	228	239	236
-85°	113	105	100	95	100	105	113	121	128	134	131
-87.5°	50	50	48	45	48	50	50	50	50	49	48
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627230 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-740-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	28	26	25	24	23	21	20	19	18	16	15
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	1	0	0	1
67.5°	0	0	1	2	3	3	2	3	3	3	3
65°	3	2	1	2	4	5	5	5	5	5	6
62.5°	10	11	9	8	7	7	8	8	7	6	8
60°	30	18	27	29	23	20	30	28	15	13	11
57.5°	145	122	133	121	83	72	75	72	65	40	17
55°	501	429	337	291	280	214	160	133	121	87	58
52.5°	636	591	521	426	374	355	304	243	193	154	111
50°	797	809	738	605	552	496	446	375	312	250	185
47.5°	1300	1211	1140	1041	853	732	654	539	452	377	296
45°	1734	1632	1562	1408	1208	1023	898	754	601	501	427
42.5°	2042	1910	1795	1669	1478	1269	1099	956	795	632	535
40°	2343	2134	2020	1908	1728	1492	1360	1150	982	802	669
37.5°	2792	2437	2397	2288	2085	1840	1691	1484	1172	1002	849
35°	3552	3185	2974	2868	2604	2292	2047	1854	1544	1210	1033
32.5°	4389	3925	3604	3453	3169	2746	2444	2198	1887	1509	1226
30°	4861	4438	4052	3793	3518	3154	2807	2460	2122	1810	1435
27.5°	5301	4774	4357	4065	3807	3458	3073	2701	2330	2021	1687
25°	5720	5135	4681	4339	4039	3762	3327	2921	2534	2193	1931
22.5°	6110	5568	5044	4596	4342	4045	3617	3125	2746	2459	2152
20°	6753	6146	5483	5095	4859	4400	3915	3429	3081	2753	2391
17.5°	7812	7055	6262	5847	5512	4950	4332	3849	3415	3049	2651
15°	8972	7997	7212	6675	6145	5486	4771	4250	3757	3345	2890
12.5°	9545	8617	7922	7167	6483	5886	5209	4634	4075	3538	3038
10°	9887	8965	8179	7425	6740	6165	5536	4855	4234	3666	3161
7.5°	10154	9203	8366	7615	6921	6315	5713	4999	4361	3769	3260
5°	10338	9388	8540	7781	7050	6422	5844	5108	4456	3847	3335
2.5°	10528	9532	8649	7888	7132	6490	5923	5191	4533	3905	3398
0°	10601	9615	8724	7944	7178	6517	5947	5246	4585	3939	3439
-2.5°	10649	9643	8754	7980	7239	6560	5972	5307	4602	3976	3450
-5°	10577	9611	8729	7950	7240	6563	5954	5316	4597	3986	3441
-7.5°	10488	9526	8635	7870	7188	6518	5900	5276	4582	3970	3424
-10°	10338	9391	8542	7787	7096	6422	5822	5201	4530	3924	3385
-12.5°	10138	9220	8382	7635	6972	6322	5735	5096	4443	3849	3322
-15°	9874	8997	8184	7456	6815	6193	5606	4981	4358	3755	3235
-17.5°	9584	8702	7902	7216	6608	6018	5443	4860	4260	3668	3158
-20°	9256	8390	7596	6932	6358	5800	5267	4724	4124	3567	3076

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REPORT NUMBER: P627230 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	8783	8018	7291	6639	6090	5580	5067	4542	3947	3441	2965
-25°	8316	7605	6951	6352	5822	5337	4838	4318	3790	3293	2829
-27.5°	7859	7200	6549	6010	5534	5060	4592	4099	3614	3126	2701
-30°	7365	6749	6162	5656	5206	4767	4346	3886	3408	2946	2564
-32.5°	6823	6282	5765	5289	4868	4479	4079	3644	3171	2777	2404
-35°	6297	5798	5351	4931	4549	4194	3807	3370	2955	2586	2224
-37.5°	5826	5340	4926	4565	4245	3908	3522	3135	2745	2372	2057
-40°	5339	4885	4518	4224	3918	3615	3275	2915	2530	2166	1893
-42.5°	4867	4500	4138	3844	3570	3322	3035	2672	2318	2002	1739
-45°	4404	4072	3741	3473	3245	3012	2756	2425	2108	1836	1588
-47.5°	3929	3649	3373	3124	2920	2694	2447	2167	1906	1662	1442
-50°	3473	3246	3023	2807	2600	2380	2159	1933	1700	1487	1288
-52.5°	3043	2855	2667	2478	2297	2104	1900	1700	1495	1317	1139
-55°	2639	2478	2329	2177	2025	1851	1667	1486	1323	1159	1014
-57.5°	2282	2140	2021	1897	1769	1615	1457	1304	1169	1034	899
-60°	1966	1842	1740	1632	1518	1389	1265	1143	1027	916	800
-62.5°	1667	1568	1476	1384	1292	1194	1087	990	899	806	701
-65°	1385	1307	1230	1156	1080	1001	916	839	765	689	599
-67.5°	1127	1066	1004	942	883	820	756	691	631	569	496
-70°	908	862	813	761	712	664	614	561	506	456	406
-72.5°	732	699	663	621	577	535	495	454	412	369	325
-75°	592	568	540	505	470	433	399	364	325	284	243
-77.5°	469	454	437	409	381	353	322	284	245	206	173
-80°	351	344	334	310	286	262	236	203	170	139	114
-82.5°	232	227	221	204	189	173	157	134	112	91	72
-85°	127	123	118	110	103	95	88	75	63	52	42
-87.5°	46	45	43	41	40	38	36	33	29	25	22
-90°	0	0	0	0	0	0	0	0	0	0	0



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REPORT NUMBER: P627230 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	15	15	15	15	15	15	15	15	14	13	11
87.5°	0	0	0	0	0	0	0	0	1	2	3
85°	0	0	0	0	0	0	0	0	0	1	2
82.5°	0	0	0	0	1	1	1	1	1	0	0
80°	0	0	0	0	1	3	3	3	3	2	1
77.5°	0	0	0	0	1	1	3	5	5	3	2
75°	0	0	0	0	0	0	1	3	4	5	4
72.5°	0	0	0	1	1	1	1	1	3	4	5
70°	1	0	0	1	2	3	3	2	2	4	5
67.5°	2	3	2	1	2	3	5	4	4	3	5
65°	6	5	5	4	4	4	5	6	6	5	5
62.5°	9	9	8	7	6	6	5	7	8	7	6
60°	11	12	11	10	9	8	7	8	9	8	7
57.5°	16	15	15	14	12	11	10	10	10	10	9
55°	27	19	19	18	15	13	13	12	12	11	10
52.5°	70	39	25	23	20	16	15	15	14	13	12
50°	128	83	47	30	25	21	18	17	16	15	13
47.5°	205	143	93	47	32	27	22	19	18	17	14
45°	317	211	146	92	43	37	28	22	20	18	16
42.5°	440	309	205	139	83	51	33	26	22	20	17
40°	562	427	275	192	125	69	47	31	24	22	19
37.5°	696	552	385	248	168	105	65	36	28	24	21
35°	863	690	496	331	222	138	85	46	34	27	23
32.5°	1029	829	615	427	279	169	110	66	41	29	24
30°	1196	955	727	516	344	219	137	85	50	31	26
27.5°	1346	1075	832	609	421	271	166	104	59	35	28
25°	1516	1204	936	697	491	326	195	122	73	43	30
22.5°	1735	1337	1032	778	561	378	233	146	88	50	32
20°	1952	1466	1126	879	636	437	277	170	102	58	34
17.5°	2165	1632	1262	982	717	492	318	194	116	66	36
15°	2357	1823	1397	1079	796	543	356	217	128	74	39
12.5°	2517	1987	1523	1170	872	589	390	238	140	83	42
10°	2650	2126	1641	1254	944	631	421	260	154	93	46
7.5°	2756	2240	1747	1331	1010	670	455	284	167	102	50
5°	2836	2330	1830	1386	1062	706	485	305	179	110	53
2.5°	2888	2396	1891	1429	1104	736	513	324	190	118	57
0°	2918	2443	1937	1462	1136	761	536	340	200	125	60
-2.5°	2946	2474	1977	1519	1158	801	550	355	216	130	66
-5°	2955	2487	2004	1564	1172	834	561	367	230	134	72
-7.5°	2939	2479	2013	1589	1178	857	567	377	241	137	77
-10°	2905	2452	2001	1581	1186	864	570	384	249	140	81
-12.5°	2855	2412	1975	1564	1185	859	580	389	254	141	84
-15°	2789	2359	1934	1540	1171	849	582	391	253	144	86
-17.5°	2712	2294	1881	1508	1143	833	577	389	251	148	87
-20°	2635	2223	1817	1471	1101	813	563	382	246	151	89

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REPORT NUMBER: P627230 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2544	2141	1761	1418	1056	789	541	370	239	152	90
-25°	2439	2045	1695	1347	1020	761	519	352	231	152	90
-27.5°	2321	1943	1617	1268	983	723	497	340	224	150	88
-30°	2190	1846	1523	1193	938	681	469	326	220	147	86
-32.5°	2048	1738	1423	1136	886	638	444	310	215	143	86
-35°	1915	1620	1320	1069	831	612	428	292	207	138	86
-37.5°	1772	1496	1239	1000	774	583	414	284	197	132	86
-40°	1635	1379	1145	934	731	550	393	275	188	124	85
-42.5°	1496	1269	1055	862	691	518	366	261	180	120	83
-45°	1368	1155	959	800	646	477	345	244	170	117	81
-47.5°	1234	1039	872	731	588	432	319	231	159	112	80
-50°	1095	929	790	656	516	395	290	214	155	109	78
-52.5°	974	832	706	579	463	352	269	197	149	106	75
-55°	870	740	624	515	411	320	245	189	142	103	72
-57.5°	777	655	556	459	368	289	227	179	135	98	69
-60°	687	587	495	408	328	263	214	168	127	92	66
-62.5°	604	516	436	357	292	241	199	155	117	84	61
-65°	517	442	374	313	260	216	179	140	104	75	55
-67.5°	427	372	319	267	224	187	156	120	88	64	49
-70°	356	307	262	222	186	156	128	97	71	55	41
-72.5°	283	243	207	174	149	124	98	74	59	45	34
-75°	209	183	159	136	114	91	75	59	46	35	29
-77.5°	152	133	115	101	85	70	56	43	35	29	24
-80°	103	93	83	73	61	49	41	33	28	24	19
-82.5°	65	60	55	50	42	36	30	25	21	18	16
-85°	39	36	33	30	26	22	21	19	18	16	14
-87.5°	22	21	21	21	20	19	18	17	16	14	13
-90°	0	0	0	0	0	0	0	0	1	2	4

Classified

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627230 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	10	9	8	6	5	5	5
87.5°	4	4	5	5	5	5	5
85°	2	3	4	5	5	5	5
82.5°	1	3	4	5	5	5	5
80°	0	2	3	4	5	5	5
77.5°	2	2	3	4	5	5	5
75°	3	2	3	4	5	5	5
72.5°	4	3	3	4	5	5	5
70°	5	4	4	4	5	5	5
67.5°	5	5	4	4	5	5	5
65°	5	5	4	4	5	5	5
62.5°	6	6	5	4	5	5	5
60°	6	6	5	5	5	5	5
57.5°	7	6	5	5	5	5	5
55°	8	7	6	5	5	5	5
52.5°	10	8	7	5	5	5	5
50°	11	9	7	5	5	5	5
47.5°	12	10	8	5	5	5	5
45°	13	11	8	6	6	5	5
42.5°	14	12	9	6	6	5	5
40°	15	13	10	7	6	5	5
37.5°	17	13	10	7	6	5	5
35°	18	14	11	8	6	5	5
32.5°	19	15	12	9	7	5	5
30°	20	16	12	9	7	5	5
27.5°	22	17	13	10	7	5	5
25°	23	17	14	10	7	5	5
22.5°	25	18	15	11	8	5	5
20°	26	19	15	12	8	5	5
17.5°	28	20	16	12	8	5	5
15°	29	21	17	13	8	5	5
12.5°	30	22	17	13	9	5	5
10°	31	22	18	13	9	5	5
7.5°	32	23	19	14	9	5	5
5°	33	24	19	14	10	5	5
2.5°	34	24	20	15	10	5	5
0°	35	25	20	15	10	5	5
-2.5°	37	26	20	15	10	5	5
-5°	39	26	21	15	10	5	5
-7.5°	40	26	21	15	10	5	5
-10°	42	27	21	15	10	5	5
-12.5°	43	27	21	15	10	5	5
-15°	43	27	22	14	10	5	5
-17.5°	43	28	22	14	10	5	5
-20°	45	28	21	14	9	5	5

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CATALOG NUMBER: GFLD-SA3D-740-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	47	28	21	14	9	5	5
-25°	50	30	21	14	9	5	5
-27.5°	52	32	20	13	9	5	5
-30°	53	34	20	13	9	5	5
-32.5°	53	36	20	13	8	5	5
-35°	55	37	21	12	8	5	5
-37.5°	56	38	21	12	8	5	5
-40°	57	38	22	11	8	5	5
-42.5°	58	38	22	11	7	5	5
-45°	57	38	22	11	7	5	5
-47.5°	56	37	22	11	7	5	5
-50°	55	37	21	11	6	5	5
-52.5°	54	35	21	11	6	5	5
-55°	52	34	20	11	6	5	5
-57.5°	50	32	19	10	5	5	5
-60°	47	30	17	10	5	5	5
-62.5°	43	27	16	9	5	5	5
-65°	39	24	15	9	5	5	5
-67.5°	34	22	14	8	5	5	5
-70°	29	20	13	7	5	5	5
-72.5°	26	18	11	7	5	5	5
-75°	22	16	10	7	5	5	5
-77.5°	19	13	9	7	5	5	5
-80°	15	12	9	7	5	5	5
-82.5°	14	11	9	7	5	5	5
-85°	13	10	8	7	5	5	5
-87.5°	11	10	8	6	5	5	5
-90°	5	5	5	5	5	5	5

(END OF REPORT)