

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: P626990 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-740-U-VWR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626990 (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-SA2D-740-U-VWR-VSR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR  
Light Source: (32) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

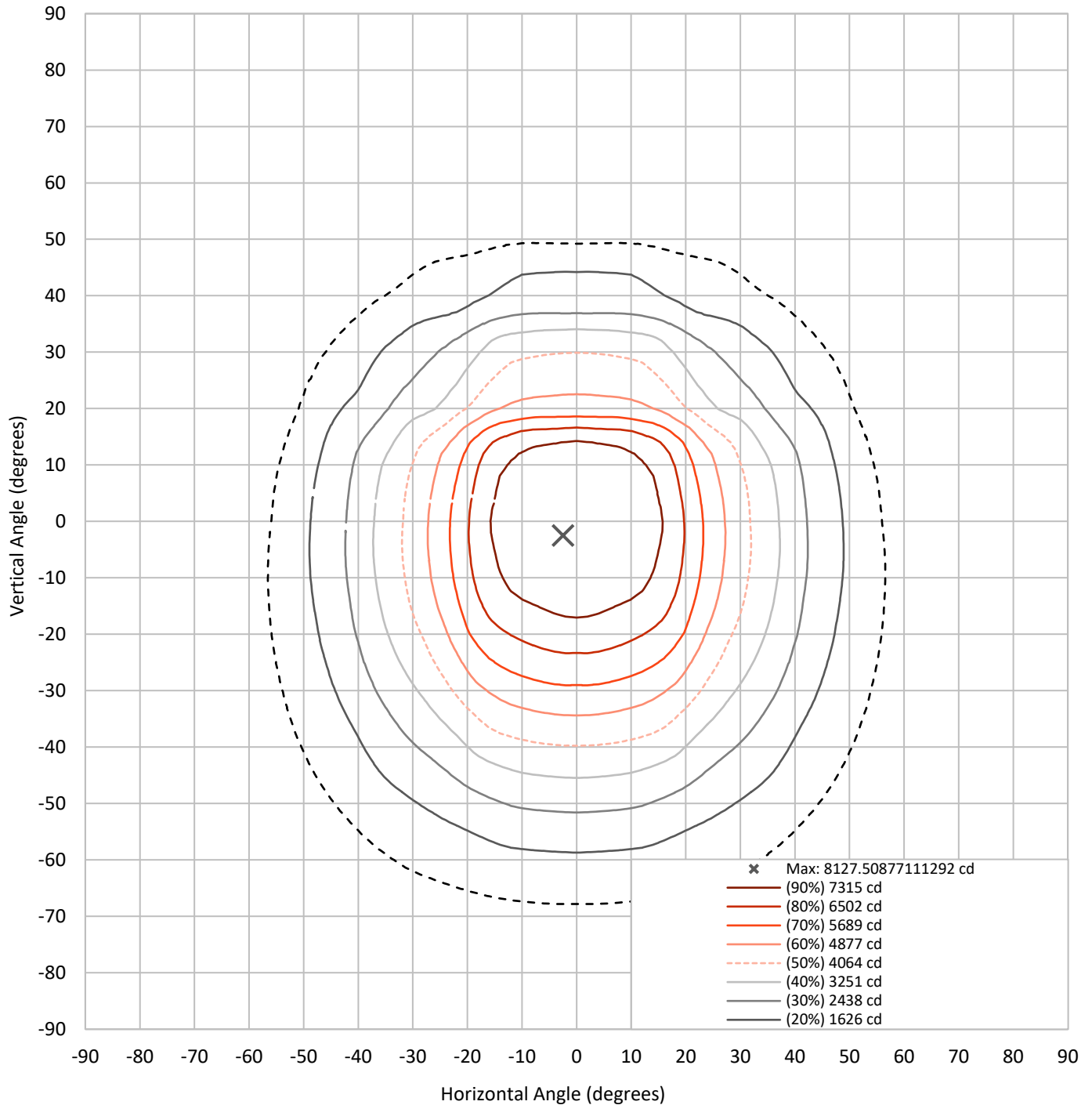
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	10846.4 lumens	Max Intensity:	8127.5 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	99.8 lumens/watt		
Luminous Opening:	Rectangular (W 1' 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:	6275.4 lumens	Field Lumens:	10292.6 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	108.7		
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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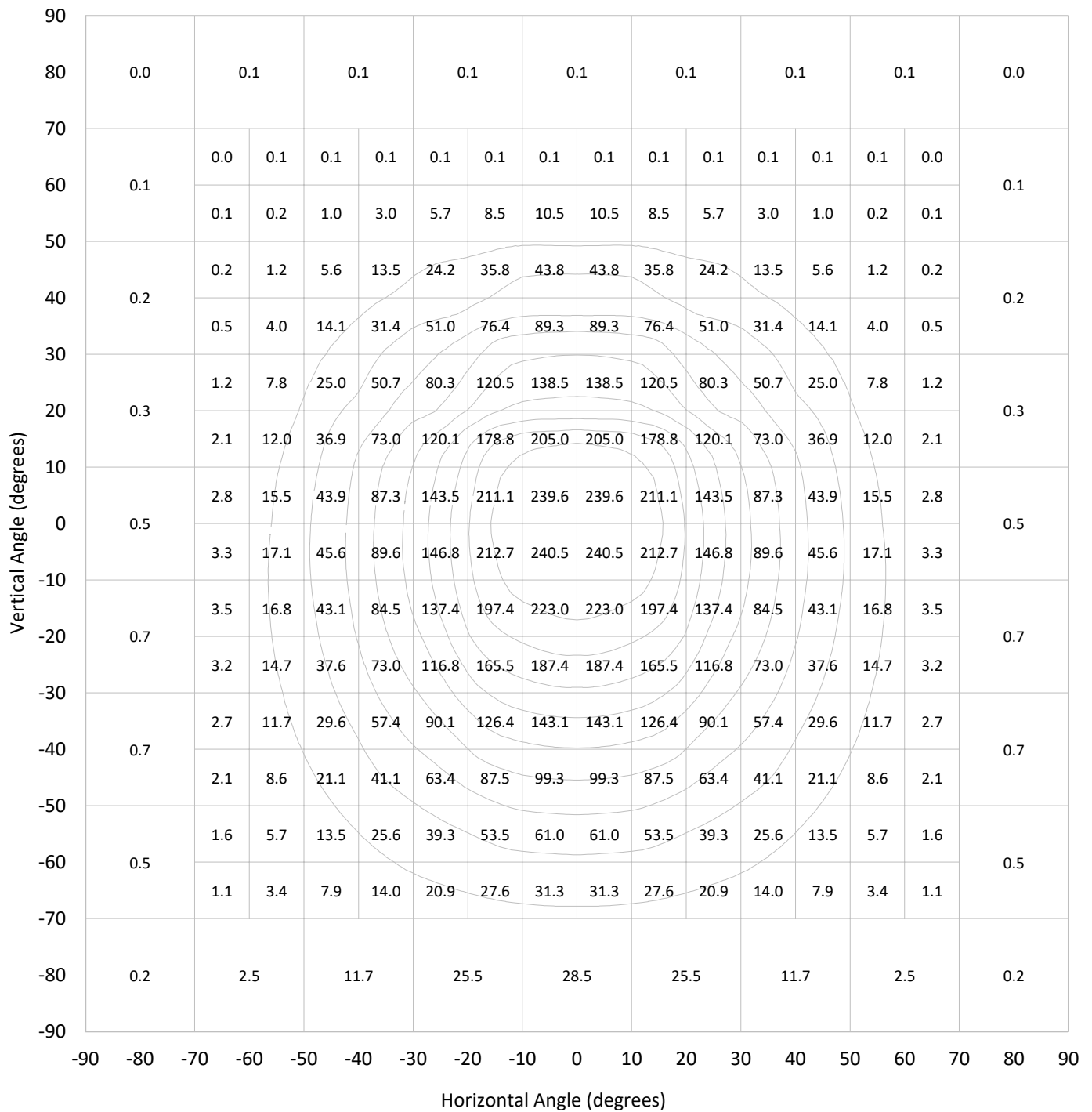
### Iso-Candela Plot





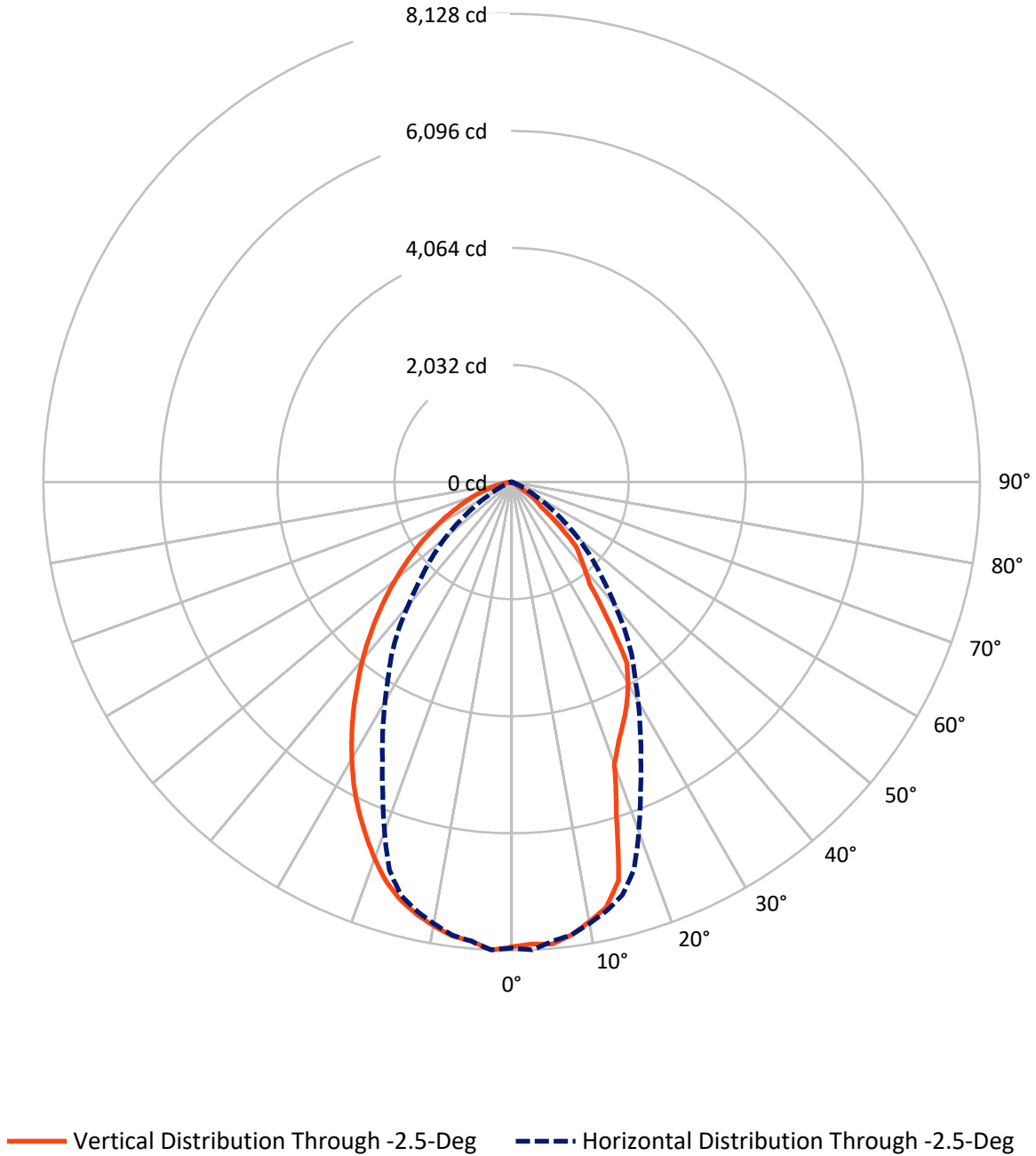
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### Lumen Table



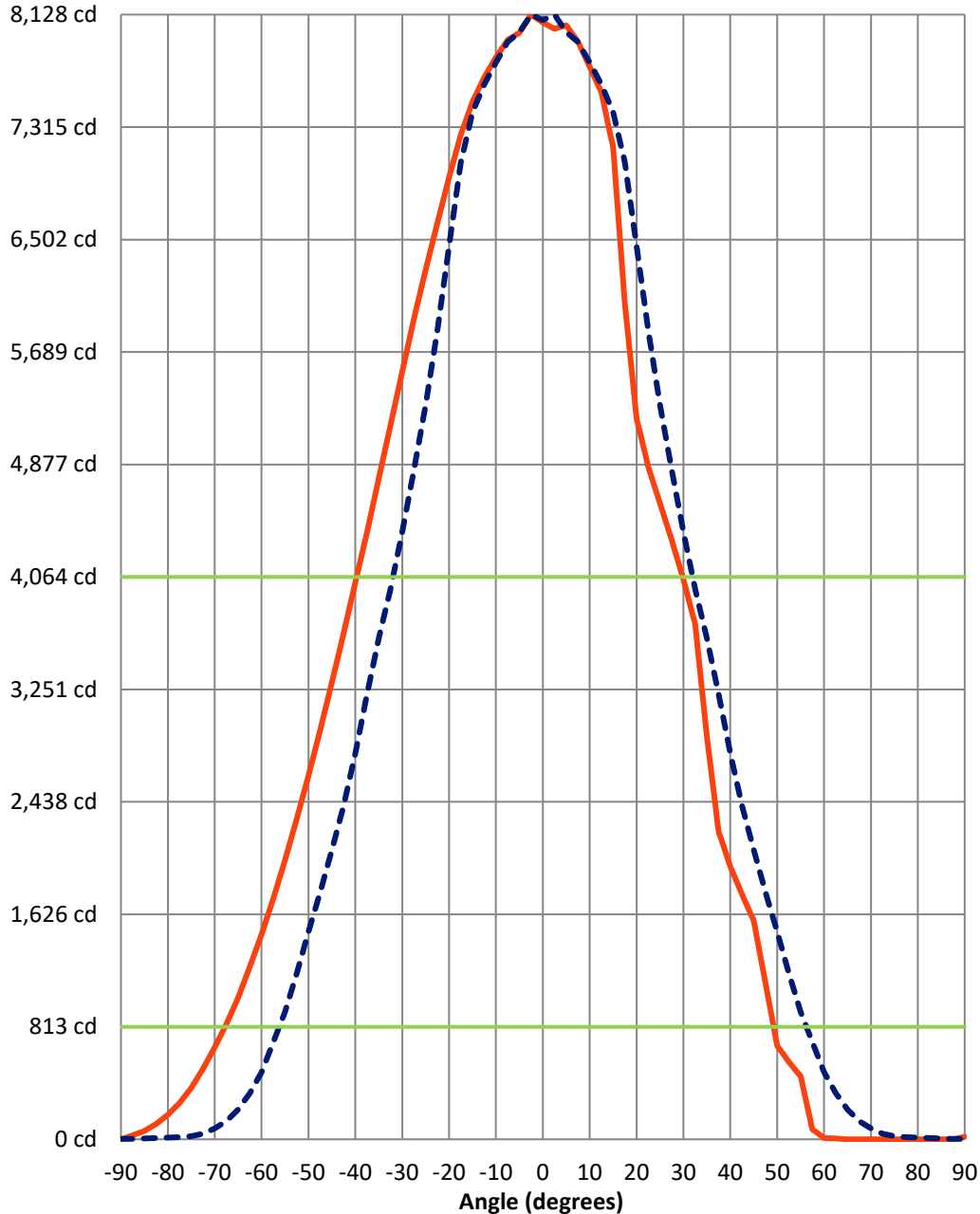
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CATALOG NUMBER: GFLD-SA2D-740-U-VWR-VSR-XX

### Luminous Intensity Polar Plot



REPORT NUMBER: P626990 (CONVERTED FROM TYPE C PHOTOMETRY)  
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### Luminous Intensity Plot



**Beam:**  
 H Angle: 63.9°  
 V Angle: 69.6°  
 Lumens: 6275.4  
 Efficiency: 57.9%

**Field:**  
 H Angle: 112.5°  
 V Angle: 117.1°  
 Lumens: 10292.6  
 Efficiency: 94.9%

**Spill:**  
 Lumens: 553.9  
 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°	3	3	3	4	5	5	6	7	8	8	9
87.5°	3	3	3	3	3	3	2	2	1	0	0
85°	3	3	3	3	2	2	1	1	0	0	0
82.5°	3	3	3	3	2	2	1	0	0	0	1
80°	3	3	3	3	2	1	0	1	1	2	2
77.5°	3	3	3	3	2	1	1	1	2	3	3
75°	3	3	3	2	2	1	2	2	3	2	2
72.5°	3	3	3	2	2	2	2	3	3	2	1
70°	3	3	3	2	2	2	3	3	2	1	1
67.5°	3	3	3	3	2	3	3	3	2	2	3
65°	3	3	3	3	3	3	3	3	3	4	4
62.5°	3	3	3	3	3	3	3	3	4	5	4
60°	3	3	3	3	3	4	4	4	5	5	5
57.5°	3	3	3	3	3	4	4	5	6	6	6
55°	3	3	3	3	4	4	5	6	7	7	7
52.5°	3	3	3	3	4	5	6	7	8	8	9
50°	3	3	3	3	4	5	7	8	9	10	10
47.5°	3	3	3	3	5	6	7	9	10	11	12
45°	3	3	3	3	5	6	8	10	11	12	13
42.5°	3	3	3	4	5	7	9	10	12	13	16
40°	3	3	4	4	6	8	9	12	13	15	19
37.5°	3	3	4	4	6	8	10	13	15	17	22
35°	3	3	4	5	7	9	11	14	16	21	28
32.5°	3	3	4	5	7	9	11	15	18	25	40
30°	3	3	4	6	7	10	12	16	19	30	52
27.5°	3	3	4	6	8	10	13	17	21	36	63
25°	3	3	4	6	8	11	14	18	26	44	74
22.5°	3	3	5	7	9	11	15	20	31	53	89
20°	3	3	5	7	9	12	16	21	35	62	103
17.5°	3	3	5	7	10	12	17	22	40	70	117
15°	3	3	5	8	10	13	18	23	45	78	131
12.5°	3	3	5	8	11	13	18	26	51	85	145
10°	3	3	5	8	11	14	19	28	56	93	158
7.5°	3	3	6	8	11	14	20	30	62	101	172
5°	3	3	6	9	12	14	20	32	67	109	185
2.5°	3	3	6	9	12	15	21	34	72	115	196
0°	3	3	6	9	12	15	21	36	76	121	206
-2.5°	3	3	6	9	12	15	21	36	76	121	206
-5°	3	3	6	9	13	16	23	44	81	139	223
-7.5°	3	3	6	9	13	16	24	46	83	146	229
-10°	3	3	6	9	13	16	25	49	85	151	233
-12.5°	3	3	6	9	13	16	26	51	86	154	236
-15°	3	3	6	9	13	17	26	52	87	153	237
-17.5°	3	3	6	9	13	17	26	53	90	152	236
-20°	3	3	6	9	13	17	27	54	92	149	231

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CATALOG NUMBER: GFLD-SA2D-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°	3	3	6	8	13	17	29	55	92	145	224
-25°	3	3	6	8	13	18	30	54	92	140	214
-27.5°	3	3	5	8	12	19	31	54	91	136	206
-30°	3	3	5	8	12	21	32	52	89	134	197
-32.5°	3	3	5	8	12	22	32	52	87	130	188
-35°	3	3	5	7	13	22	33	52	84	126	177
-37.5°	3	3	5	7	13	23	34	52	80	120	172
-40°	3	3	5	7	13	23	35	52	75	114	167
-42.5°	3	3	4	7	13	23	35	50	73	109	158
-45°	3	3	4	7	13	23	35	49	71	103	148
-47.5°	3	3	4	7	13	23	34	49	68	96	140
-50°	3	3	4	7	13	22	33	47	66	94	130
-52.5°	3	3	4	7	13	21	33	46	64	90	120
-55°	3	3	3	6	12	21	31	44	62	86	115
-57.5°	3	3	3	6	11	19	30	42	59	82	109
-60°	3	3	3	6	11	18	28	40	56	77	102
-62.5°	3	3	3	6	10	17	26	37	51	71	94
-65°	3	3	3	5	9	15	24	34	45	63	85
-67.5°	3	3	3	5	9	13	21	29	39	53	73
-70°	3	3	3	4	8	12	18	25	33	43	59
-72.5°	3	3	3	4	7	11	16	21	28	36	45
-75°	3	3	3	4	6	9	14	17	21	28	36
-77.5°	3	3	3	4	6	8	11	15	18	21	26
-80°	3	3	3	4	6	7	9	12	14	17	20
-82.5°	3	3	3	4	5	7	8	10	11	13	15
-85°	3	3	3	4	5	6	8	9	10	11	12
-87.5°	3	3	3	4	5	6	7	8	9	9	10
-90°	3	3	3	3	3	3	3	2	1	1	0





REPORT NUMBER: P626990 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-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°	9	9	9	9	9	9	9	9	10	11	11
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	0	0	0	0	0	0	0	0	0
80°	2	2	1	0	0	0	0	0	0	0	0
77.5°	2	1	0	0	0	0	0	0	0	0	0
75°	1	0	0	0	0	0	0	0	0	0	0
72.5°	0	1	1	0	0	0	0	0	0	0	0
70°	2	2	1	0	0	0	0	0	0	0	0
67.5°	3	2	1	1	1	2	1	2	2	2	2
65°	3	2	2	3	3	3	4	4	3	3	3
62.5°	3	3	4	4	5	5	5	5	4	4	5
60°	4	5	6	6	7	7	7	7	8	9	17
57.5°	6	7	7	8	9	9	9	10	24	39	43
55°	8	8	9	11	12	12	17	35	53	73	81
52.5°	9	10	12	14	15	23	42	67	94	117	147
50°	11	13	15	18	29	50	78	112	152	189	228
47.5°	14	16	20	28	56	87	125	180	229	274	326
45°	17	22	26	56	89	128	192	259	304	364	457
42.5°	20	31	50	84	124	187	267	324	383	482	579
40°	29	42	76	116	167	259	341	405	486	595	697
37.5°	39	64	102	151	234	334	422	515	608	710	900
35°	51	84	135	201	301	418	523	626	733	936	1124
32.5°	67	103	169	259	373	502	623	743	915	1144	1332
30°	83	133	209	313	441	579	725	870	1097	1286	1491
27.5°	101	164	255	369	505	651	816	1023	1225	1412	1637
25°	118	198	298	423	567	730	919	1171	1329	1536	1771
22.5°	141	229	340	471	625	810	1051	1304	1491	1665	1894
20°	168	265	386	533	682	889	1183	1449	1669	1868	2078
17.5°	193	298	435	595	765	989	1313	1607	1848	2070	2333
15°	216	329	482	654	847	1105	1428	1751	2027	2277	2576
12.5°	236	357	529	709	923	1204	1526	1841	2144	2470	2809
10°	255	382	572	760	994	1288	1606	1916	2222	2566	2943
7.5°	276	406	612	807	1059	1358	1671	1976	2284	2643	3030
5°	294	428	643	840	1109	1412	1719	2021	2332	2701	3096
2.5°	311	446	669	866	1146	1452	1750	2059	2367	2747	3146
0°	325	461	689	886	1174	1481	1769	2084	2388	2779	3180
-2.5°	334	486	702	921	1199	1499	1785	2091	2410	2789	3217
-5°	340	505	710	948	1215	1508	1791	2086	2416	2787	3222
-7.5°	343	519	714	963	1220	1503	1782	2076	2406	2777	3198
-10°	346	524	719	958	1213	1486	1761	2052	2379	2746	3152
-12.5°	351	521	718	948	1197	1462	1731	2013	2333	2693	3089
-15°	353	514	710	933	1173	1430	1691	1961	2276	2642	3019
-17.5°	350	505	693	914	1140	1391	1644	1914	2223	2582	2946
-20°	341	493	667	891	1101	1347	1597	1864	2162	2500	2863

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REPORT NUMBER: P626990 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-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°	328	478	640	860	1068	1298	1542	1797	2086	2393	2753
-25°	314	461	618	816	1027	1240	1478	1715	1996	2297	2617
-27.5°	301	438	596	769	980	1178	1407	1637	1895	2190	2485
-30°	284	413	568	723	923	1119	1327	1554	1786	2066	2355
-32.5°	269	387	537	688	862	1053	1241	1457	1683	1922	2208
-35°	259	371	504	648	800	982	1160	1348	1567	1791	2043
-37.5°	251	353	469	606	751	907	1074	1247	1438	1664	1900
-40°	238	333	443	566	694	836	991	1147	1313	1534	1767
-42.5°	222	314	419	523	639	769	907	1054	1213	1405	1619
-45°	209	289	392	485	581	700	829	963	1113	1278	1470
-47.5°	193	262	356	443	528	630	748	874	1007	1156	1313
-50°	176	240	313	398	479	563	664	781	901	1031	1171
-52.5°	163	213	280	351	428	504	590	691	798	906	1030
-55°	148	194	249	312	378	449	527	615	703	802	901
-57.5°	138	175	223	278	337	397	471	545	627	709	791
-60°	130	159	199	247	300	356	417	485	555	622	693
-62.5°	121	146	177	217	264	313	366	425	488	545	600
-65°	109	131	157	189	227	268	314	363	418	464	509
-67.5°	95	113	136	162	193	225	259	301	345	382	419
-70°	77	95	113	134	159	186	216	246	276	307	340
-72.5°	59	75	90	106	125	148	172	197	224	250	275
-75°	45	55	69	83	96	111	127	147	172	197	220
-77.5°	34	43	52	61	70	80	92	105	125	148	172
-80°	25	30	37	45	51	56	63	69	84	103	123
-82.5°	18	22	26	30	33	36	39	44	55	68	81
-85°	13	14	16	18	20	22	23	25	31	38	45
-87.5°	11	11	12	13	13	13	13	13	15	18	20
-90°	0	0	0	0	0	0	0	0	0	0	0



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	12	13	14	14	15	16	17	17	18	18	18
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°	1	2	2	1	1	0	0	0	0	0	0
65°	3	3	2	1	1	1	2	2	2	2	2
62.5°	5	4	4	5	6	6	6	6	5	5	5
60°	18	12	14	17	16	11	18	21	18	12	12
57.5°	45	44	50	73	81	74	88	107	106	92	91
55°	97	130	170	176	204	260	303	284	284	299	345
52.5°	184	215	227	258	316	358	385	413	444	476	507
50°	270	300	335	367	447	490	483	541	616	662	686
47.5°	396	444	517	631	691	734	788	854	939	1055	1144
45°	545	620	732	854	947	989	1051	1153	1289	1421	1518
42.5°	666	769	896	1012	1088	1158	1238	1324	1479	1621	1732
40°	824	905	1047	1156	1224	1293	1420	1549	1695	1827	1918
37.5°	1025	1115	1264	1387	1453	1477	1693	1872	1991	2159	2214
35°	1241	1389	1578	1738	1803	1931	2153	2403	2674	2773	2858
32.5°	1481	1665	1921	2093	2184	2379	2660	2927	3281	3473	3531
30°	1701	1912	2132	2299	2456	2690	2946	3275	3603	3849	3925
27.5°	1863	2096	2308	2464	2641	2893	3213	3546	3868	4118	4207
25°	2017	2280	2448	2630	2837	3113	3467	3837	4154	4366	4475
22.5°	2192	2452	2632	2786	3057	3375	3703	4122	4457	4626	4745
20°	2373	2667	2945	3088	3323	3725	4093	4488	4812	4988	5113
17.5°	2626	3000	3341	3544	3796	4276	4735	5135	5585	5744	5897
15°	2892	3325	3725	4046	4371	4847	5438	5920	6434	6664	6924
12.5°	3157	3567	3930	4344	4802	5223	5786	6386	6853	7145	7320
10°	3356	3737	4085	4500	4958	5434	5993	6608	7097	7347	7489
7.5°	3463	3827	4195	4616	5071	5578	6154	6765	7264	7506	7647
5°	3542	3892	4273	4716	5176	5691	6266	6869	7325	7582	7760
2.5°	3590	3934	4323	4781	5242	5778	6381	7006	7405	7612	7776
0°	3604	3950	4351	4815	5288	5828	6426	7045	7448	7649	7815
-2.5°	3620	3976	4388	4837	5306	5845	6455	7058	7421	7623	7782
-5°	3609	3978	4388	4819	5291	5825	6411	6975	7355	7573	7731
-7.5°	3576	3951	4357	4770	5234	5774	6357	6900	7285	7515	7688
-10°	3529	3892	4301	4720	5178	5692	6266	6806	7174	7419	7620
-12.5°	3476	3832	4226	4628	5081	5589	6145	6656	7022	7289	7432
-15°	3398	3754	4131	4519	4960	5453	5985	6475	6834	7051	7210
-17.5°	3299	3648	4005	4374	4789	5275	5809	6293	6586	6780	6936
-20°	3193	3515	3854	4201	4604	5085	5610	6032	6308	6494	6642

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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3071	3382	3692	4024	4419	4860	5324	5731	6028	6198	6334
-25°	2932	3235	3529	3850	4213	4609	5041	5441	5707	5887	6022
-27.5°	2783	3067	3355	3643	3969	4364	4763	5135	5362	5544	5680
-30°	2634	2890	3155	3428	3735	4091	4464	4777	5017	5193	5319
-32.5°	2473	2715	2951	3206	3494	3808	4136	4433	4689	4851	4957
-35°	2307	2542	2757	2989	3244	3514	3817	4110	4363	4491	4595
-37.5°	2135	2369	2573	2767	2986	3237	3531	3811	4030	4140	4233
-40°	1985	2191	2375	2560	2738	2961	3236	3507	3682	3789	3876
-42.5°	1840	2013	2164	2330	2508	2728	2950	3177	3318	3437	3528
-45°	1670	1826	1967	2105	2268	2468	2670	2852	2983	3098	3187
-47.5°	1483	1633	1770	1893	2045	2212	2382	2533	2663	2777	2856
-50°	1308	1442	1576	1701	1832	1967	2105	2238	2362	2472	2540
-52.5°	1152	1276	1393	1502	1616	1731	1845	1966	2080	2185	2239
-55°	1010	1122	1227	1319	1411	1502	1600	1712	1817	1914	1952
-57.5°	883	979	1072	1150	1225	1297	1383	1478	1570	1652	1684
-60°	767	842	920	989	1055	1117	1191	1268	1342	1405	1432
-62.5°	659	724	783	839	894	950	1011	1071	1131	1179	1204
-65°	555	607	655	701	745	792	839	886	930	964	985
-67.5°	458	497	535	571	608	646	683	719	752	779	799
-70°	372	402	432	462	493	522	550	577	601	621	636
-72.5°	300	324	350	377	402	424	444	463	482	493	501
-75°	242	262	285	306	327	344	359	373	387	387	385
-77.5°	195	214	231	248	265	275	284	293	303	297	289
-80°	143	159	173	188	203	209	213	217	220	213	204
-82.5°	95	105	114	124	134	138	141	143	145	138	131
-85°	53	58	62	67	72	74	77	79	81	77	73
-87.5°	22	23	24	25	26	27	28	29	30	30	30
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626990 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-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°	18	18	18	18	18	18	18	18	18	18	17
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	2	2	2	2
62.5°	6	6	6	6	6	6	6	5	5	5	6
60°	11	9	9	9	9	9	11	12	12	18	21
57.5°	84	72	74	82	74	72	84	91	92	106	107
55°	393	439	455	446	455	439	393	345	299	284	284
52.5°	533	551	558	558	558	551	533	507	476	444	413
50°	693	687	677	668	677	687	693	686	662	616	541
47.5°	1157	1137	1128	1144	1128	1137	1157	1144	1055	939	854
45°	1538	1561	1579	1578	1579	1561	1538	1518	1421	1289	1153
42.5°	1754	1767	1770	1766	1770	1767	1754	1732	1621	1479	1324
40°	1947	1962	1971	1978	1971	1962	1947	1918	1827	1695	1549
37.5°	2232	2237	2225	2218	2225	2237	2232	2214	2159	1991	1872
35°	2930	2944	2911	2946	2911	2944	2930	2858	2773	2674	2403
32.5°	3599	3666	3720	3765	3720	3666	3599	3531	3473	3281	2927
30°	3978	4021	4045	4050	4045	4021	3978	3925	3849	3603	3275
27.5°	4257	4302	4330	4351	4330	4302	4257	4207	4118	3868	3546
25°	4525	4566	4595	4606	4595	4566	4525	4475	4366	4154	3837
22.5°	4803	4832	4859	4873	4859	4832	4803	4745	4626	4457	4122
20°	5202	5187	5212	5203	5212	5187	5202	5113	4988	4812	4488
17.5°	6016	6024	6041	6068	6041	6024	6016	5897	5744	5585	5135
15°	7039	7059	7164	7257	7164	7059	7039	6924	6664	6434	5920
12.5°	7482	7554	7565	7591	7565	7554	7482	7320	7145	6853	6386
10°	7630	7754	7751	7782	7751	7754	7630	7489	7347	7097	6608
7.5°	7743	7875	7931	7955	7931	7875	7743	7647	7506	7264	6765
5°	7880	7953	8049	8022	8049	7953	7880	7760	7582	7325	6869
2.5°	7937	8052	8025	8052	8025	8052	7937	7776	7612	7405	7006
0°	7976	8058	8070	8098	8070	8058	7976	7815	7649	7448	7045
-2.5°	7929	8001	8128	8089	8128	8001	7929	7782	7623	7421	7058
-5°	7888	8065	7996	8082	7996	8065	7888	7731	7573	7355	6975
-7.5°	7867	7898	7944	8010	7944	7898	7867	7688	7515	7285	6900
-10°	7702	7734	7818	7864	7818	7734	7702	7620	7419	7174	6806
-12.5°	7523	7586	7674	7703	7674	7586	7523	7432	7289	7022	6656
-15°	7318	7411	7497	7515	7497	7411	7318	7210	7051	6834	6475
-17.5°	7056	7168	7258	7278	7258	7168	7056	6936	6780	6586	6293
-20°	6768	6875	6952	6975	6952	6875	6768	6642	6494	6308	6032

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REPORT NUMBER: P626990 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-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°	6459	6556	6621	6611	6621	6556	6459	6334	6198	6028	5731
-25°	6131	6221	6283	6274	6283	6221	6131	6022	5887	5707	5441
-27.5°	5785	5870	5929	5931	5929	5870	5785	5680	5544	5362	5135
-30°	5421	5498	5546	5528	5546	5498	5421	5319	5193	5017	4777
-32.5°	5046	5115	5160	5173	5160	5115	5046	4957	4851	4689	4433
-35°	4675	4737	4775	4785	4775	4737	4675	4595	4491	4363	4110
-37.5°	4307	4360	4387	4375	4387	4360	4307	4233	4140	4030	3811
-40°	3944	3994	4025	4032	4025	3994	3944	3876	3789	3682	3507
-42.5°	3586	3628	3655	3668	3655	3628	3586	3528	3437	3318	3177
-45°	3239	3277	3302	3316	3302	3277	3239	3187	3098	2983	2852
-47.5°	2902	2935	2956	2967	2956	2935	2902	2856	2777	2663	2533
-50°	2579	2608	2628	2639	2628	2608	2579	2540	2472	2362	2238
-52.5°	2273	2298	2315	2324	2315	2298	2273	2239	2185	2080	1966
-55°	1981	2001	2017	2027	2017	2001	1981	1952	1914	1817	1712
-57.5°	1708	1725	1740	1751	1740	1725	1708	1684	1652	1570	1478
-60°	1453	1469	1482	1490	1482	1469	1453	1432	1405	1342	1268
-62.5°	1223	1237	1248	1256	1248	1237	1223	1204	1179	1131	1071
-65°	1002	1014	1023	1028	1023	1014	1002	985	964	930	886
-67.5°	816	830	833	831	833	830	816	799	779	752	719
-70°	650	662	665	664	665	662	650	636	621	601	577
-72.5°	508	515	509	501	509	515	508	501	493	482	463
-75°	381	377	371	364	371	377	381	385	387	387	373
-77.5°	279	269	262	255	262	269	279	289	297	303	293
-80°	195	184	177	170	177	184	195	204	213	220	217
-82.5°	123	115	111	106	111	115	123	131	138	145	143
-85°	68	63	61	58	61	63	68	73	77	81	79
-87.5°	30	30	29	27	29	30	30	30	30	30	29
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626990 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-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°	17	16	15	14	14	13	12	11	11	10	9
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	1	1	2	2	1	2	2	2	2
65°	2	1	1	1	2	3	3	3	3	3	4
62.5°	6	6	6	5	4	4	5	5	4	4	5
60°	18	11	16	17	14	12	18	17	9	8	7
57.5°	88	74	81	73	50	44	45	43	39	24	10
55°	303	260	204	176	170	130	97	81	73	53	35
52.5°	385	358	316	258	227	215	184	147	117	94	67
50°	483	490	447	367	335	300	270	228	189	152	112
47.5°	788	734	691	631	517	444	396	326	274	229	180
45°	1051	989	947	854	732	620	545	457	364	304	259
42.5°	1238	1158	1088	1012	896	769	666	579	482	383	324
40°	1420	1293	1224	1156	1047	905	824	697	595	486	405
37.5°	1693	1477	1453	1387	1264	1115	1025	900	710	608	515
35°	2153	1931	1803	1738	1578	1389	1241	1124	936	733	626
32.5°	2660	2379	2184	2093	1921	1665	1481	1332	1144	915	743
30°	2946	2690	2456	2299	2132	1912	1701	1491	1286	1097	870
27.5°	3213	2893	2641	2464	2308	2096	1863	1637	1412	1225	1023
25°	3467	3113	2837	2630	2448	2280	2017	1771	1536	1329	1171
22.5°	3703	3375	3057	2786	2632	2452	2192	1894	1665	1491	1304
20°	4093	3725	3323	3088	2945	2667	2373	2078	1868	1669	1449
17.5°	4735	4276	3796	3544	3341	3000	2626	2333	2070	1848	1607
15°	5438	4847	4371	4046	3725	3325	2892	2576	2277	2027	1751
12.5°	5786	5223	4802	4344	3930	3567	3157	2809	2470	2144	1841
10°	5993	5434	4958	4500	4085	3737	3356	2943	2566	2222	1916
7.5°	6154	5578	5071	4616	4195	3827	3463	3030	2643	2284	1976
5°	6266	5691	5176	4716	4273	3892	3542	3096	2701	2332	2021
2.5°	6381	5778	5242	4781	4323	3934	3590	3146	2747	2367	2059
0°	6426	5828	5288	4815	4351	3950	3604	3180	2779	2388	2084
-2.5°	6455	5845	5306	4837	4388	3976	3620	3217	2789	2410	2091
-5°	6411	5825	5291	4819	4388	3978	3609	3222	2787	2416	2086
-7.5°	6357	5774	5234	4770	4357	3951	3576	3198	2777	2406	2076
-10°	6266	5692	5178	4720	4301	3892	3529	3152	2746	2379	2052
-12.5°	6145	5589	5081	4628	4226	3832	3476	3089	2693	2333	2013
-15°	5985	5453	4960	4519	4131	3754	3398	3019	2642	2276	1961
-17.5°	5809	5275	4789	4374	4005	3648	3299	2946	2582	2223	1914
-20°	5610	5085	4604	4201	3854	3515	3193	2863	2500	2162	1864

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REPORT NUMBER: P626990 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-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°	5324	4860	4419	4024	3692	3382	3071	2753	2393	2086	1797
-25°	5041	4609	4213	3850	3529	3235	2932	2617	2297	1996	1715
-27.5°	4763	4364	3969	3643	3355	3067	2783	2485	2190	1895	1637
-30°	4464	4091	3735	3428	3155	2890	2634	2355	2066	1786	1554
-32.5°	4136	3808	3494	3206	2951	2715	2473	2208	1922	1683	1457
-35°	3817	3514	3244	2989	2757	2542	2307	2043	1791	1567	1348
-37.5°	3531	3237	2986	2767	2573	2369	2135	1900	1664	1438	1247
-40°	3236	2961	2738	2560	2375	2191	1985	1767	1534	1313	1147
-42.5°	2950	2728	2508	2330	2164	2013	1840	1619	1405	1213	1054
-45°	2670	2468	2268	2105	1967	1826	1670	1470	1278	1113	963
-47.5°	2382	2212	2045	1893	1770	1633	1483	1313	1156	1007	874
-50°	2105	1967	1832	1701	1576	1442	1308	1171	1031	901	781
-52.5°	1845	1731	1616	1502	1393	1276	1152	1030	906	798	691
-55°	1600	1502	1411	1319	1227	1122	1010	901	802	703	615
-57.5°	1383	1297	1225	1150	1072	979	883	791	709	627	545
-60°	1191	1117	1055	989	920	842	767	693	622	555	485
-62.5°	1011	950	894	839	783	724	659	600	545	488	425
-65°	839	792	745	701	655	607	555	509	464	418	363
-67.5°	683	646	608	571	535	497	458	419	382	345	301
-70°	550	522	493	462	432	402	372	340	307	276	246
-72.5°	444	424	402	377	350	324	300	275	250	224	197
-75°	359	344	327	306	285	262	242	220	197	172	147
-77.5°	284	275	265	248	231	214	195	172	148	125	105
-80°	213	209	203	188	173	159	143	123	103	84	69
-82.5°	141	138	134	124	114	105	95	81	68	55	44
-85°	77	74	72	67	62	58	53	45	38	31	25
-87.5°	28	27	26	25	24	23	22	20	18	15	13
-90°	0	0	0	0	0	0	0	0	0	0	0





REPORT NUMBER: P626990 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-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°	9	9	9	9	9	9	9	9	8	8	7
87.5°	0	0	0	0	0	0	0	0	0	1	2
85°	0	0	0	0	0	0	0	0	0	0	1
82.5°	0	0	0	0	0	1	1	1	0	0	0
80°	0	0	0	0	1	2	2	2	2	1	1
77.5°	0	0	0	0	0	1	2	3	3	2	1
75°	0	0	0	0	0	0	1	2	2	3	2
72.5°	0	0	0	0	1	1	0	1	2	3	3
70°	0	0	0	0	1	2	2	1	1	2	3
67.5°	1	2	1	1	1	2	3	3	2	2	3
65°	4	3	3	3	2	2	3	4	4	3	3
62.5°	5	5	5	4	4	3	3	4	5	4	3
60°	7	7	7	6	6	5	4	5	5	5	4
57.5°	9	9	9	8	7	7	6	6	6	6	5
55°	17	12	12	11	9	8	8	7	7	7	6
52.5°	42	23	15	14	12	10	9	9	8	8	7
50°	78	50	29	18	15	13	11	10	10	9	8
47.5°	125	87	56	28	20	16	14	12	11	10	9
45°	192	128	89	56	26	22	17	13	12	11	10
42.5°	267	187	124	84	50	31	20	16	13	12	10
40°	341	259	167	116	76	42	29	19	15	13	12
37.5°	422	334	234	151	102	64	39	22	17	15	13
35°	523	418	301	201	135	84	51	28	21	16	14
32.5°	623	502	373	259	169	103	67	40	25	18	15
30°	725	579	441	313	209	133	83	52	30	19	16
27.5°	816	651	505	369	255	164	101	63	36	21	17
25°	919	730	567	423	298	198	118	74	44	26	18
22.5°	1051	810	625	471	340	229	141	89	53	31	20
20°	1183	889	682	533	386	265	168	103	62	35	21
17.5°	1313	989	765	595	435	298	193	117	70	40	22
15°	1428	1105	847	654	482	329	216	131	78	45	23
12.5°	1526	1204	923	709	529	357	236	145	85	51	26
10°	1606	1288	994	760	572	382	255	158	93	56	28
7.5°	1671	1358	1059	807	612	406	276	172	101	62	30
5°	1719	1412	1109	840	643	428	294	185	109	67	32
2.5°	1750	1452	1146	866	669	446	311	196	115	72	34
0°	1769	1481	1174	886	689	461	325	206	121	76	36
-2.5°	1785	1499	1199	921	702	486	334	215	131	79	40
-5°	1791	1508	1215	948	710	505	340	223	139	81	44
-7.5°	1782	1503	1220	963	714	519	343	229	146	83	46
-10°	1761	1486	1213	958	719	524	346	233	151	85	49
-12.5°	1731	1462	1197	948	718	521	351	236	154	86	51
-15°	1691	1430	1173	933	710	514	353	237	153	87	52
-17.5°	1644	1391	1140	914	693	505	350	236	152	90	53
-20°	1597	1347	1101	891	667	493	341	231	149	92	54

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CATALOG NUMBER: GFLD-SA2D-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°	1542	1298	1068	860	640	478	328	224	145	92	55
-25°	1478	1240	1027	816	618	461	314	214	140	92	54
-27.5°	1407	1178	980	769	596	438	301	206	136	91	54
-30°	1327	1119	923	723	568	413	284	197	134	89	52
-32.5°	1241	1053	862	688	537	387	269	188	130	87	52
-35°	1160	982	800	648	504	371	259	177	126	84	52
-37.5°	1074	907	751	606	469	353	251	172	120	80	52
-40°	991	836	694	566	443	333	238	167	114	75	52
-42.5°	907	769	639	523	419	314	222	158	109	73	50
-45°	829	700	581	485	392	289	209	148	103	71	49
-47.5°	748	630	528	443	356	262	193	140	96	68	49
-50°	664	563	479	398	313	240	176	130	94	66	47
-52.5°	590	504	428	351	280	213	163	120	90	64	46
-55°	527	449	378	312	249	194	148	115	86	62	44
-57.5°	471	397	337	278	223	175	138	109	82	59	42
-60°	417	356	300	247	199	159	130	102	77	56	40
-62.5°	366	313	264	217	177	146	121	94	71	51	37
-65°	314	268	227	189	157	131	109	85	63	45	34
-67.5°	259	225	193	162	136	113	95	73	53	39	29
-70°	216	186	159	134	113	95	77	59	43	33	25
-72.5°	172	148	125	106	90	75	59	45	36	28	21
-75°	127	111	96	83	69	55	45	36	28	21	17
-77.5°	92	80	70	61	52	43	34	26	21	18	15
-80°	63	56	51	45	37	30	25	20	17	14	12
-82.5°	39	36	33	30	26	22	18	15	13	11	10
-85°	23	22	20	18	16	14	13	12	11	10	9
-87.5°	13	13	13	13	12	11	11	10	9	9	8
-90°	0	0	0	0	0	0	0	0	1	1	2

Classified

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

Scaled Data Report



REPORT NUMBER: P626990 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

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

Classified

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CATALOG NUMBER: GFLD-SA2D-740-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)