

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: P627030 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-730-U-VWR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
 Report Number: P627030 (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-SA2E-730-U-VWR-VSR-XX  
 Description: GALLEON FLOOD, TWO LIGHT SQUARE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR  
 Light Source: (32) 3000K CCT, 70 CRI LEDS  
 Ballast/Driver: -

**Summary**

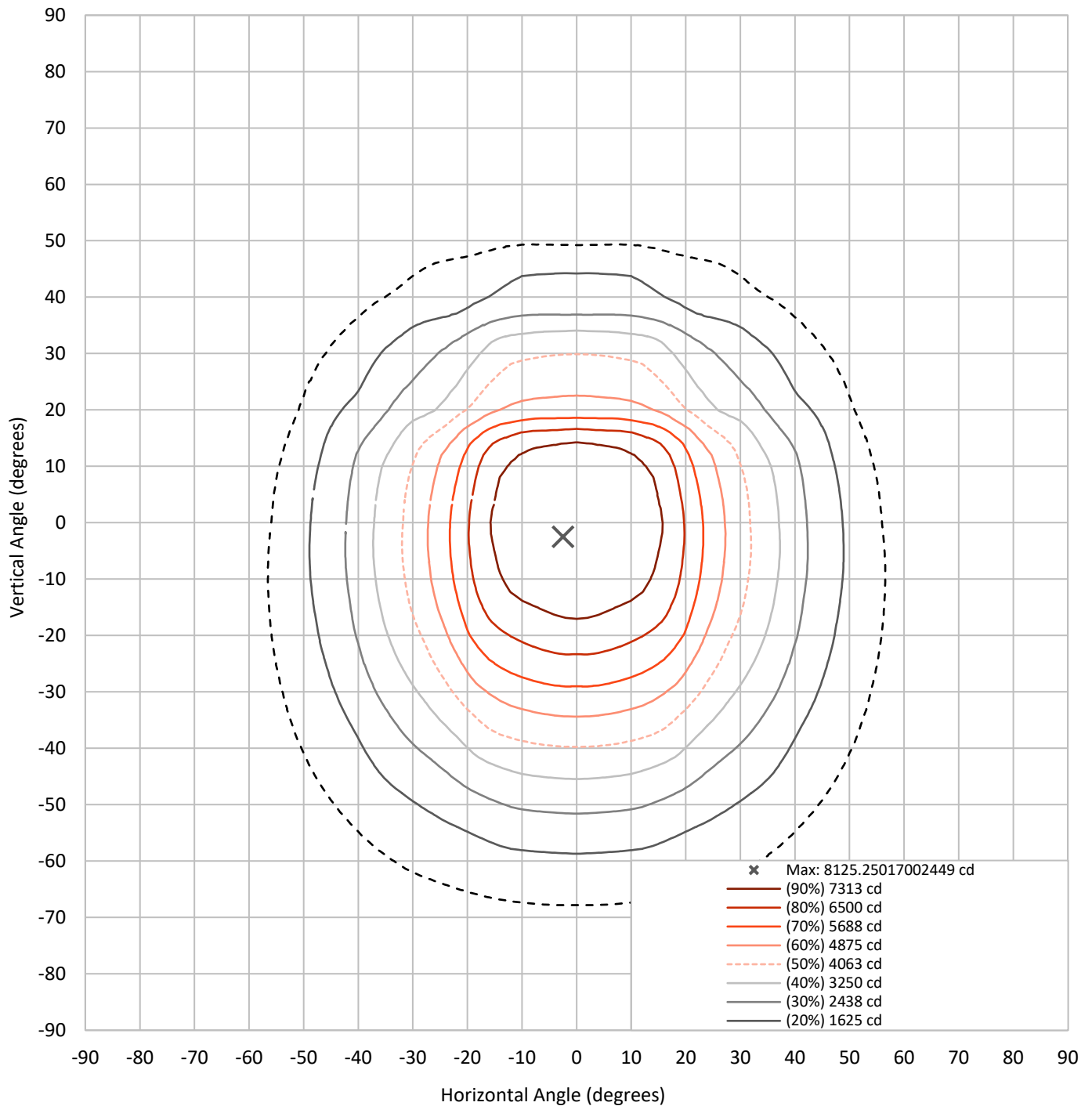
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	10843.4 lumens	Max Intensity:	8125.3 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	86.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	63.9°H x 69.6°V	Field Angle (10%):	112.5°H x 117.1°V
Beam Lumens:	6273.6 lumens	Field Lumens:	10289.7 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	125.7		
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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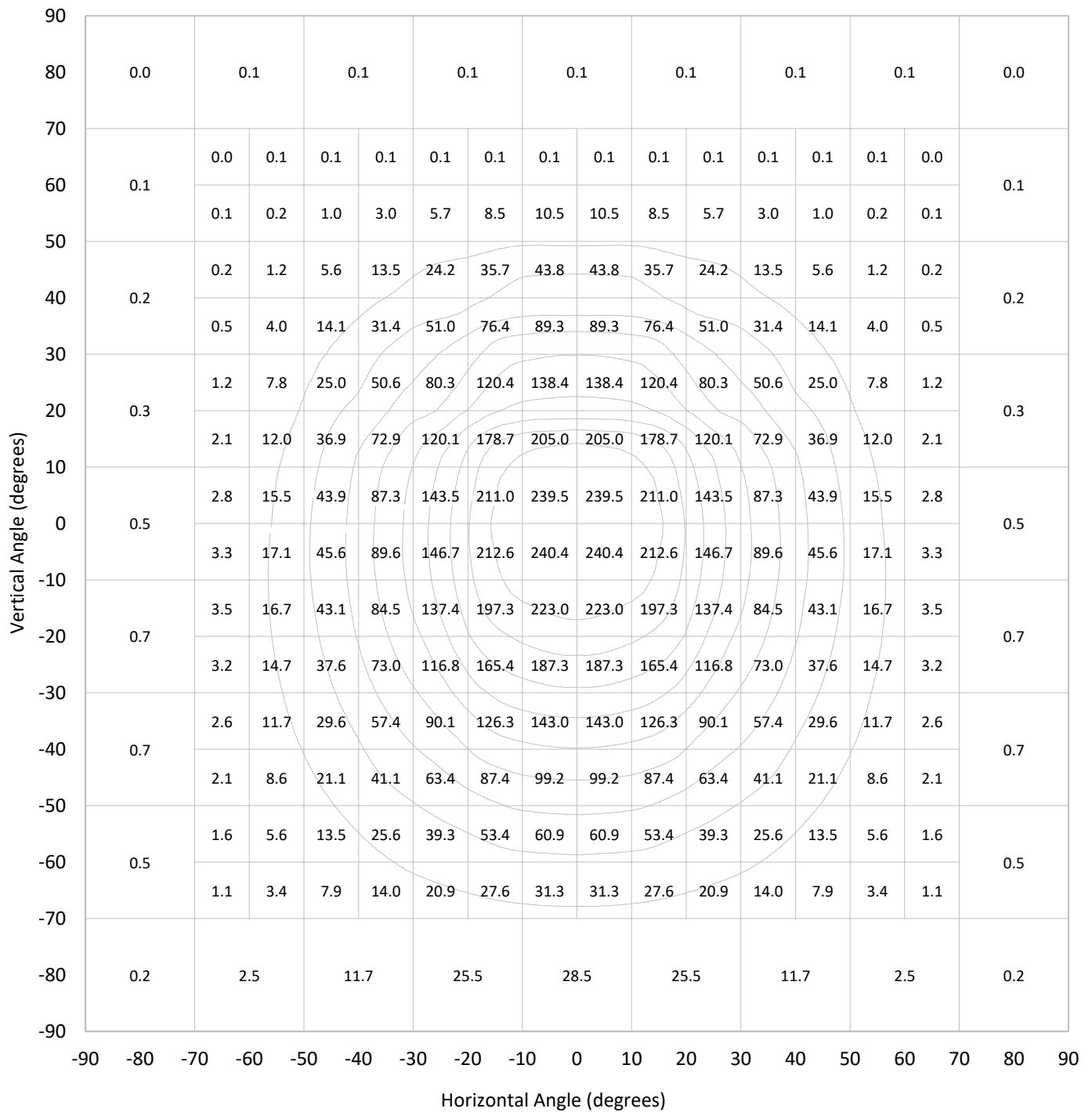
### Iso-Candela Plot





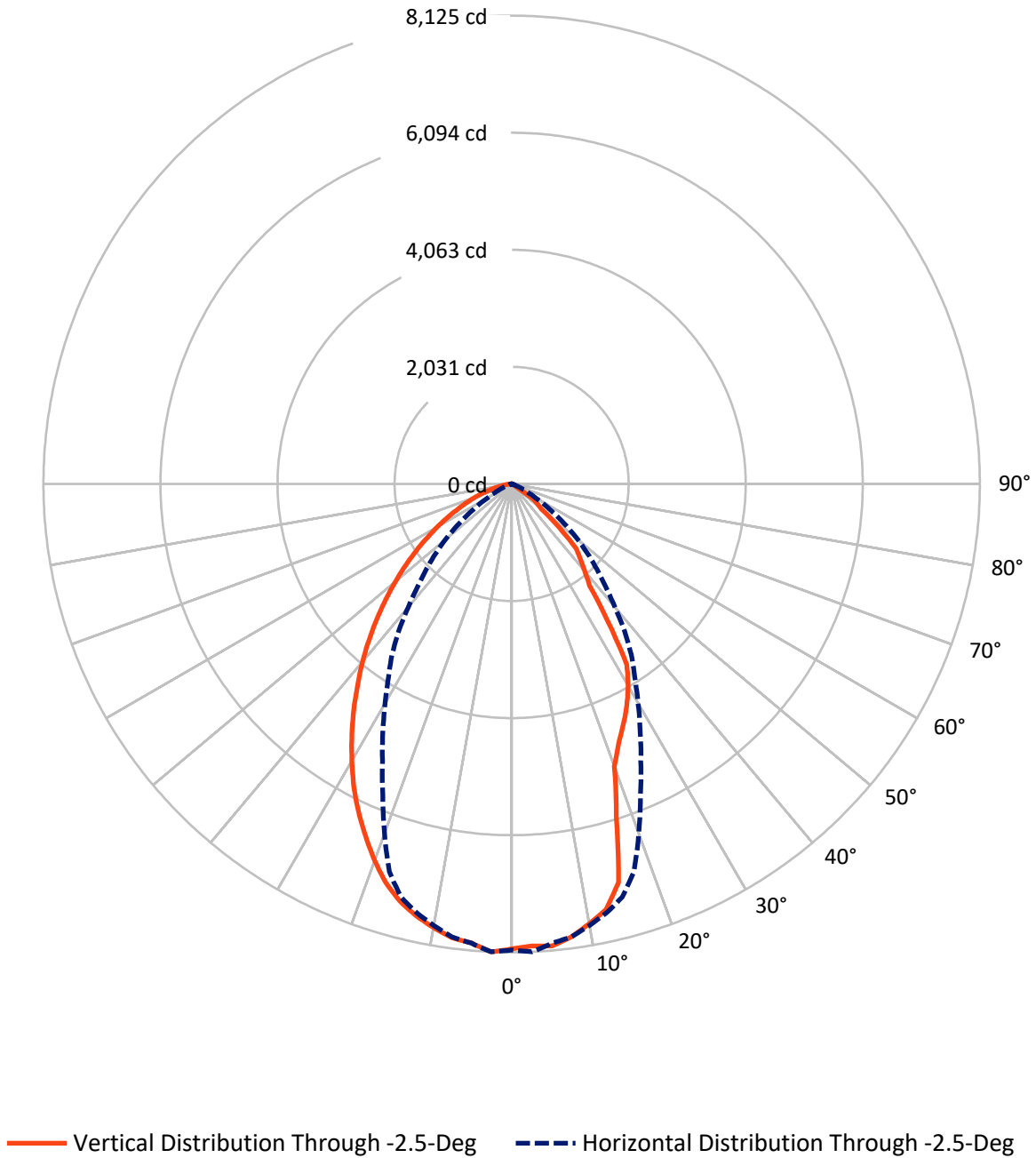
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 CATALOG NUMBER: GFLD-SA2E-730-U-VWR-VSR-XX

### Lumen Table



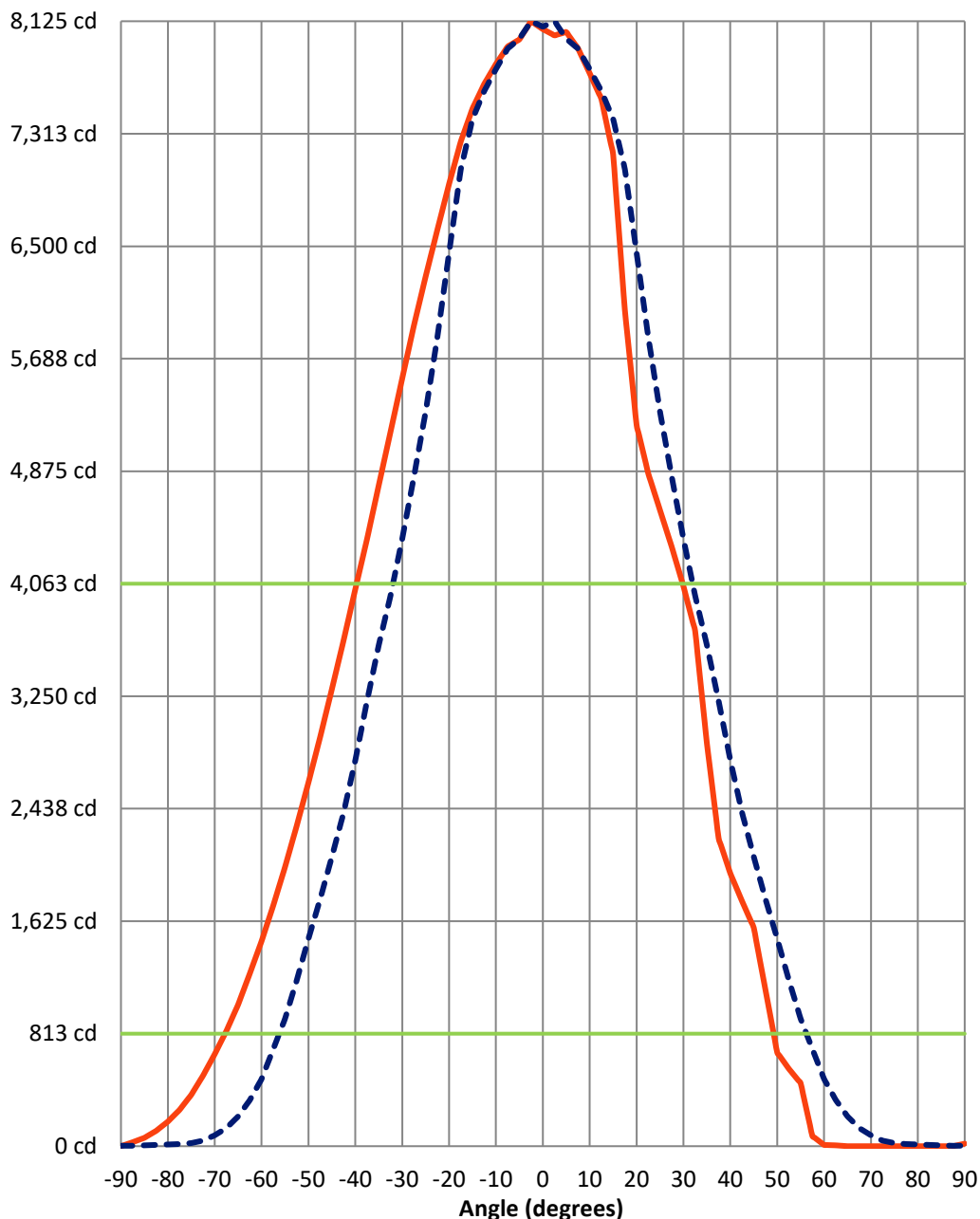
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CATALOG NUMBER: GFLD-SA2E-730-U-VWR-VSR-XX

### Luminous Intensity Polar Plot



REPORT NUMBER: P627030 (CONVERTED FROM TYPE C PHOTOMETRY)  
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### Luminous Intensity Plot



**Beam:**  
 H Angle: 63.9°  
 V Angle: 69.6°  
 Lumens: 6273.6  
 Efficiency: 57.9%

**Field:**  
 H Angle: 112.5°  
 V Angle: 117.1°  
 Lumens: 10289.7  
 Efficiency: 94.9%

**Spill:**  
 Lumens: 553.7  
 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	144
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	108	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	228
-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-SA2E-730-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	119	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: P627030 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-730-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	227
47.5°	14	16	20	28	56	87	125	179	228	274	326
45°	17	22	26	56	88	128	192	259	303	364	457
42.5°	20	31	50	84	124	187	267	324	383	482	579
40°	29	42	76	116	167	259	340	405	486	595	697
37.5°	39	64	102	151	234	334	422	515	607	710	899
35°	51	84	135	201	300	418	523	626	733	935	1123
32.5°	67	103	169	259	373	502	623	743	915	1143	1332
30°	83	133	209	313	441	579	725	869	1096	1286	1491
27.5°	101	164	255	369	504	651	816	1022	1225	1412	1637
25°	118	197	298	423	567	730	919	1170	1329	1536	1770
22.5°	141	229	340	471	625	810	1051	1304	1490	1664	1894
20°	168	265	385	532	682	888	1183	1449	1668	1867	2078
17.5°	193	298	434	595	765	989	1312	1606	1848	2070	2332
15°	215	329	482	654	846	1105	1428	1751	2027	2277	2575
12.5°	236	357	529	709	923	1204	1525	1841	2144	2469	2808
10°	255	382	572	760	994	1288	1606	1915	2221	2565	2942
7.5°	275	406	612	806	1059	1358	1670	1975	2284	2643	3029
5°	294	428	643	840	1109	1412	1718	2021	2331	2700	3095
2.5°	311	446	669	866	1146	1452	1750	2059	2366	2747	3146
0°	324	461	688	886	1174	1480	1768	2084	2387	2778	3179
-2.5°	333	485	702	921	1198	1499	1785	2091	2409	2788	3216
-5°	340	505	710	947	1214	1507	1790	2085	2415	2786	3221
-7.5°	343	519	714	963	1220	1502	1781	2075	2405	2776	3197
-10°	346	523	719	958	1212	1486	1761	2051	2378	2745	3152
-12.5°	351	521	718	948	1197	1461	1730	2013	2332	2692	3088
-15°	353	514	709	933	1172	1429	1690	1961	2276	2641	3018
-17.5°	349	505	693	914	1139	1390	1643	1913	2223	2581	2945
-20°	341	493	667	891	1101	1347	1596	1864	2162	2499	2863

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REPORT NUMBER: P627030 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-730-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	1067	1297	1541	1797	2085	2392	2752
-25°	314	461	618	816	1027	1239	1478	1714	1995	2297	2616
-27.5°	301	438	596	769	980	1177	1407	1637	1895	2190	2484
-30°	284	413	568	723	923	1119	1327	1554	1785	2065	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	2042
-37.5°	251	353	469	606	751	907	1074	1246	1437	1663	1900
-40°	238	333	443	566	694	836	991	1147	1313	1533	1766
-42.5°	222	314	419	523	639	769	907	1054	1213	1405	1619
-45°	209	289	392	485	581	700	829	963	1113	1277	1470
-47.5°	193	262	356	443	528	629	748	874	1007	1155	1313
-50°	176	240	313	398	479	563	664	780	901	1030	1171
-52.5°	163	213	280	351	428	504	590	690	798	906	1030
-55°	148	194	249	312	378	449	527	615	702	802	900
-57.5°	138	175	223	278	337	397	471	545	626	708	790
-60°	130	159	199	247	300	356	417	485	555	622	693
-62.5°	121	146	177	216	264	313	366	425	488	545	600
-65°	109	131	157	189	227	268	314	363	418	464	508
-67.5°	95	113	136	162	193	225	259	301	345	382	419
-70°	77	95	113	134	159	186	215	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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 CATALOG NUMBER: GFLD-SA2E-730-U-VWR-VSR-XX

**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	298	345
52.5°	184	215	227	258	316	358	385	413	444	475	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°	544	620	732	853	946	989	1051	1153	1289	1421	1517
42.5°	666	769	896	1012	1088	1157	1237	1323	1479	1620	1732
40°	824	904	1047	1156	1224	1293	1420	1548	1695	1826	1918
37.5°	1025	1115	1263	1387	1452	1477	1692	1871	1990	2158	2213
35°	1240	1389	1578	1738	1802	1930	2152	2402	2673	2773	2857
32.5°	1481	1664	1921	2092	2184	2378	2659	2926	3280	3472	3530
30°	1701	1911	2132	2298	2455	2689	2946	3275	3602	3848	3924
27.5°	1862	2095	2307	2463	2640	2893	3212	3545	3867	4117	4206
25°	2016	2280	2447	2629	2837	3112	3466	3836	4153	4364	4474
22.5°	2192	2451	2631	2785	3057	3374	3702	4121	4456	4625	4743
20°	2372	2666	2944	3088	3322	3724	4092	4487	4811	4987	5111
17.5°	2625	2999	3340	3543	3795	4275	4734	5133	5584	5743	5895
15°	2891	3324	3724	4045	4370	4846	5437	5919	6433	6662	6922
12.5°	3156	3567	3928	4343	4801	5222	5784	6384	6851	7143	7318
10°	3355	3736	4084	4499	4956	5432	5991	6607	7095	7345	7487
7.5°	3462	3826	4194	4615	5069	5577	6153	6763	7262	7504	7645
5°	3541	3891	4272	4715	5175	5689	6264	6867	7322	7580	7758
2.5°	3589	3933	4322	4780	5241	5776	6379	7004	7403	7610	7773
0°	3603	3949	4349	4813	5287	5827	6424	7043	7446	7646	7813
-2.5°	3619	3975	4386	4836	5305	5843	6453	7056	7419	7621	7779
-5°	3608	3977	4387	4817	5290	5824	6409	6973	7353	7571	7729
-7.5°	3575	3950	4355	4769	5232	5772	6355	6898	7283	7513	7686
-10°	3528	3891	4300	4719	5176	5690	6265	6804	7172	7417	7618
-12.5°	3475	3831	4225	4627	5079	5587	6143	6654	7020	7287	7430
-15°	3397	3753	4129	4518	4959	5452	5983	6473	6832	7049	7208
-17.5°	3298	3647	4004	4372	4788	5273	5808	6291	6584	6778	6934
-20°	3192	3514	3853	4200	4603	5084	5609	6030	6306	6493	6640

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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°	3070	3381	3691	4023	4418	4859	5322	5730	6027	6196	6332
-25°	2932	3234	3528	3849	4212	4608	5039	5440	5705	5886	6021
-27.5°	2782	3066	3354	3642	3968	4363	4762	5134	5361	5543	5679
-30°	2633	2889	3155	3427	3734	4090	4463	4776	5015	5192	5318
-32.5°	2472	2714	2950	3205	3493	3807	4135	4432	4688	4849	4956
-35°	2307	2541	2757	2988	3243	3513	3816	4109	4362	4490	4593
-37.5°	2134	2368	2573	2766	2985	3236	3530	3810	4029	4138	4232
-40°	1985	2191	2374	2559	2738	2960	3235	3506	3681	3788	3875
-42.5°	1839	2013	2163	2329	2508	2727	2949	3176	3317	3436	3527
-45°	1670	1825	1966	2104	2267	2467	2669	2851	2983	3098	3187
-47.5°	1483	1632	1770	1893	2044	2211	2381	2532	2662	2776	2855
-50°	1308	1442	1576	1701	1832	1967	2104	2237	2361	2471	2539
-52.5°	1152	1275	1392	1501	1616	1730	1844	1966	2080	2184	2238
-55°	1010	1122	1227	1319	1411	1502	1599	1712	1816	1913	1952
-57.5°	883	979	1072	1150	1225	1297	1383	1478	1569	1652	1684
-60°	766	842	920	989	1055	1116	1191	1268	1342	1404	1431
-62.5°	659	724	783	839	894	950	1010	1071	1131	1179	1203
-65°	555	607	654	700	745	792	839	885	930	964	985
-67.5°	458	497	535	571	608	646	683	718	752	778	799
-70°	372	402	432	461	493	522	550	576	601	620	636
-72.5°	300	324	350	377	402	424	444	463	482	492	501
-75°	242	262	284	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: P627030 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-730-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	298	284	284
52.5°	532	551	558	558	558	551	532	507	475	444	413
50°	693	687	677	667	677	687	693	686	662	616	541
47.5°	1157	1137	1128	1144	1128	1137	1157	1144	1055	939	854
45°	1537	1561	1578	1577	1578	1561	1537	1517	1421	1289	1153
42.5°	1754	1766	1770	1765	1770	1766	1754	1732	1620	1479	1323
40°	1947	1962	1970	1978	1970	1962	1947	1918	1826	1695	1548
37.5°	2231	2237	2225	2217	2225	2237	2231	2213	2158	1990	1871
35°	2929	2943	2910	2945	2910	2943	2929	2857	2773	2673	2402
32.5°	3598	3665	3719	3764	3719	3665	3598	3530	3472	3280	2926
30°	3977	4020	4044	4049	4044	4020	3977	3924	3848	3602	3275
27.5°	4255	4301	4329	4350	4329	4301	4255	4206	4117	3867	3545
25°	4524	4565	4593	4604	4593	4565	4524	4474	4364	4153	3836
22.5°	4802	4831	4858	4871	4858	4831	4802	4743	4625	4456	4121
20°	5201	5185	5210	5202	5210	5185	5201	5111	4987	4811	4487
17.5°	6014	6023	6039	6066	6039	6023	6014	5895	5743	5584	5133
15°	7037	7057	7162	7255	7162	7057	7037	6922	6662	6433	5919
12.5°	7480	7551	7562	7589	7562	7551	7480	7318	7143	6851	6384
10°	7628	7752	7749	7780	7749	7752	7628	7487	7345	7095	6607
7.5°	7741	7873	7929	7953	7929	7873	7741	7645	7504	7262	6763
5°	7878	7951	8047	8020	8047	7951	7878	7758	7580	7322	6867
2.5°	7935	8049	8023	8050	8023	8049	7935	7773	7610	7403	7004
0°	7974	8056	8068	8095	8068	8056	7974	7813	7646	7446	7043
-2.5°	7927	7999	8125	8086	8125	7999	7927	7779	7621	7419	7056
-5°	7886	8063	7994	8080	7994	8063	7886	7729	7571	7353	6973
-7.5°	7864	7896	7942	8007	7942	7896	7864	7686	7513	7283	6898
-10°	7700	7732	7816	7862	7816	7732	7700	7618	7417	7172	6804
-12.5°	7521	7584	7672	7701	7672	7584	7521	7430	7287	7020	6654
-15°	7316	7409	7495	7513	7495	7409	7316	7208	7049	6832	6473
-17.5°	7054	7166	7256	7276	7256	7166	7054	6934	6778	6584	6291
-20°	6766	6873	6950	6973	6950	6873	6766	6640	6493	6306	6030

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REPORT NUMBER: P627030 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-730-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°	6457	6554	6619	6609	6619	6554	6457	6332	6196	6027	5730
-25°	6130	6219	6281	6272	6281	6219	6130	6021	5886	5705	5440
-27.5°	5784	5868	5928	5930	5928	5868	5784	5679	5543	5361	5134
-30°	5420	5497	5545	5526	5545	5497	5420	5318	5192	5015	4776
-32.5°	5044	5114	5158	5171	5158	5114	5044	4956	4849	4688	4432
-35°	4674	4735	4774	4783	4774	4735	4674	4593	4490	4362	4109
-37.5°	4306	4359	4386	4374	4386	4359	4306	4232	4138	4029	3810
-40°	3943	3993	4024	4031	4024	3993	3943	3875	3788	3681	3506
-42.5°	3585	3627	3654	3667	3654	3627	3585	3527	3436	3317	3176
-45°	3239	3276	3301	3315	3301	3276	3239	3187	3098	2983	2851
-47.5°	2901	2934	2956	2966	2956	2934	2901	2855	2776	2662	2532
-50°	2578	2607	2627	2639	2627	2607	2578	2539	2471	2361	2237
-52.5°	2272	2297	2315	2323	2315	2297	2272	2238	2184	2080	1966
-55°	1980	2000	2016	2026	2016	2000	1980	1952	1913	1816	1712
-57.5°	1708	1724	1739	1750	1739	1724	1708	1684	1652	1569	1478
-60°	1453	1468	1481	1489	1481	1468	1453	1431	1404	1342	1268
-62.5°	1222	1236	1248	1256	1248	1236	1222	1203	1179	1131	1071
-65°	1002	1014	1023	1028	1023	1014	1002	985	964	930	885
-67.5°	816	830	833	831	833	830	816	799	778	752	718
-70°	650	662	665	664	665	662	650	636	620	601	576
-72.5°	508	515	509	501	509	515	508	501	492	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°	194	184	177	170	177	184	194	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: P627030 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-730-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	227	189	152	112
47.5°	788	734	691	631	517	444	396	326	274	228	179
45°	1051	989	946	853	732	620	544	457	364	303	259
42.5°	1237	1157	1088	1012	896	769	666	579	482	383	324
40°	1420	1293	1224	1156	1047	904	824	697	595	486	405
37.5°	1692	1477	1452	1387	1263	1115	1025	899	710	607	515
35°	2152	1930	1802	1738	1578	1389	1240	1123	935	733	626
32.5°	2659	2378	2184	2092	1921	1664	1481	1332	1143	915	743
30°	2946	2689	2455	2298	2132	1911	1701	1491	1286	1096	869
27.5°	3212	2893	2640	2463	2307	2095	1862	1637	1412	1225	1022
25°	3466	3112	2837	2629	2447	2280	2016	1770	1536	1329	1170
22.5°	3702	3374	3057	2785	2631	2451	2192	1894	1664	1490	1304
20°	4092	3724	3322	3088	2944	2666	2372	2078	1867	1668	1449
17.5°	4734	4275	3795	3543	3340	2999	2625	2332	2070	1848	1606
15°	5437	4846	4370	4045	3724	3324	2891	2575	2277	2027	1751
12.5°	5784	5222	4801	4343	3928	3567	3156	2808	2469	2144	1841
10°	5991	5432	4956	4499	4084	3736	3355	2942	2565	2221	1915
7.5°	6153	5577	5069	4615	4194	3826	3462	3029	2643	2284	1975
5°	6264	5689	5175	4715	4272	3891	3541	3095	2700	2331	2021
2.5°	6379	5776	5241	4780	4322	3933	3589	3146	2747	2366	2059
0°	6424	5827	5287	4813	4349	3949	3603	3179	2778	2387	2084
-2.5°	6453	5843	5305	4836	4386	3975	3619	3216	2788	2409	2091
-5°	6409	5824	5290	4817	4387	3977	3608	3221	2786	2415	2085
-7.5°	6355	5772	5232	4769	4355	3950	3575	3197	2776	2405	2075
-10°	6265	5690	5176	4719	4300	3891	3528	3152	2745	2378	2051
-12.5°	6143	5587	5079	4627	4225	3831	3475	3088	2692	2332	2013
-15°	5983	5452	4959	4518	4129	3753	3397	3018	2641	2276	1961
-17.5°	5808	5273	4788	4372	4004	3647	3298	2945	2581	2223	1913
-20°	5609	5084	4603	4200	3853	3514	3192	2863	2499	2162	1864

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REPORT NUMBER: P627030 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-730-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°	5322	4859	4418	4023	3691	3381	3070	2752	2392	2085	1797
-25°	5039	4608	4212	3849	3528	3234	2932	2616	2297	1995	1714
-27.5°	4762	4363	3968	3642	3354	3066	2782	2484	2190	1895	1637
-30°	4463	4090	3734	3427	3155	2889	2633	2355	2065	1785	1554
-32.5°	4135	3807	3493	3205	2950	2714	2472	2208	1922	1683	1457
-35°	3816	3513	3243	2988	2757	2541	2307	2042	1791	1567	1348
-37.5°	3530	3236	2985	2766	2573	2368	2134	1900	1663	1437	1246
-40°	3235	2960	2738	2559	2374	2191	1985	1766	1533	1313	1147
-42.5°	2949	2727	2508	2329	2163	2013	1839	1619	1405	1213	1054
-45°	2669	2467	2267	2104	1966	1825	1670	1470	1277	1113	963
-47.5°	2381	2211	2044	1893	1770	1632	1483	1313	1155	1007	874
-50°	2104	1967	1832	1701	1576	1442	1308	1171	1030	901	780
-52.5°	1844	1730	1616	1501	1392	1275	1152	1030	906	798	690
-55°	1599	1502	1411	1319	1227	1122	1010	900	802	702	615
-57.5°	1383	1297	1225	1150	1072	979	883	790	708	626	545
-60°	1191	1116	1055	989	920	842	766	693	622	555	485
-62.5°	1010	950	894	839	783	724	659	600	545	488	425
-65°	839	792	745	700	654	607	555	508	464	418	363
-67.5°	683	646	608	571	535	497	458	419	382	345	301
-70°	550	522	493	461	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	284	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: P627030 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-730-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	88	56	26	22	17	13	12	11	10
42.5°	267	187	124	84	50	31	20	16	13	12	10
40°	340	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	300	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	504	369	255	164	101	63	36	21	17
25°	919	730	567	423	298	197	118	74	44	26	18
22.5°	1051	810	625	471	340	229	141	89	53	31	20
20°	1183	888	682	532	385	265	168	103	62	35	21
17.5°	1312	989	765	595	434	298	193	117	70	40	22
15°	1428	1105	846	654	482	329	215	131	78	45	23
12.5°	1525	1204	923	709	529	357	236	144	85	51	26
10°	1606	1288	994	760	572	382	255	158	93	56	28
7.5°	1670	1358	1059	806	612	406	275	172	101	62	30
5°	1718	1412	1109	840	643	428	294	185	108	67	32
2.5°	1750	1452	1146	866	669	446	311	196	115	72	34
0°	1768	1480	1174	886	688	461	324	206	121	76	36
-2.5°	1785	1499	1198	921	702	485	333	215	131	79	40
-5°	1790	1507	1214	947	710	505	340	223	139	81	44
-7.5°	1781	1502	1220	963	714	519	343	228	146	83	46
-10°	1761	1486	1212	958	719	523	346	233	151	85	49
-12.5°	1730	1461	1197	948	718	521	351	236	154	86	51
-15°	1690	1429	1172	933	709	514	353	237	153	87	52
-17.5°	1643	1390	1139	914	693	505	349	236	152	90	53
-20°	1596	1347	1101	891	667	493	341	231	149	92	54

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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1541	1297	1067	860	640	478	328	224	145	92	55
-25°	1478	1239	1027	816	618	461	314	214	140	92	54
-27.5°	1407	1177	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	119	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	629	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	216	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°	215	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: P627030 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-730-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

Cooper Lighting Solutions Photometric Lab  
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REPORT NUMBER: P627030 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-730-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)