

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: P627624 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-730-U-MR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627624 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-14)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA5C-730-U-MR-VSR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR  
Light Source: (80) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 26490.6 lumens  
Efficiency: N/A  
Efficacy: 128.5 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
NEMA Type: 4H x 4V  
Max Intensity: 93400.9 candela  
Max Intensity Angle: 0°H x -2.5°V  
Beam Angle (50%): 28.2°H x 28.7°V  
Beam Lumens: 13245.5 lumens  
Beam Efficiency: 50.0%  
Field Angle (10%): 50.2°H x 50.4°V  
Field Lumens: 22760.3 lumens  
Field Efficiency: 85.9%

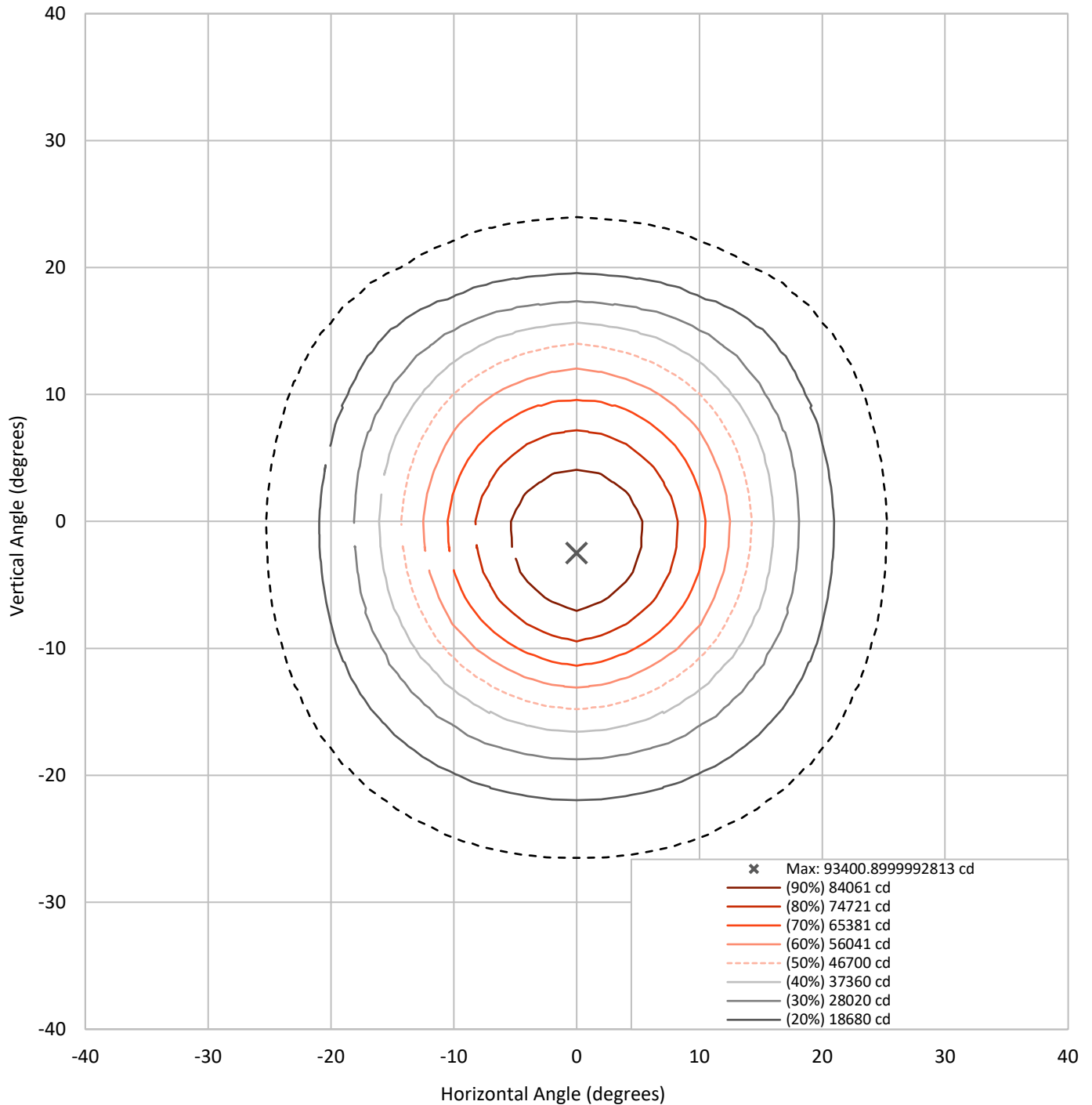
Input Watts (W): 206.1  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Candela Plot





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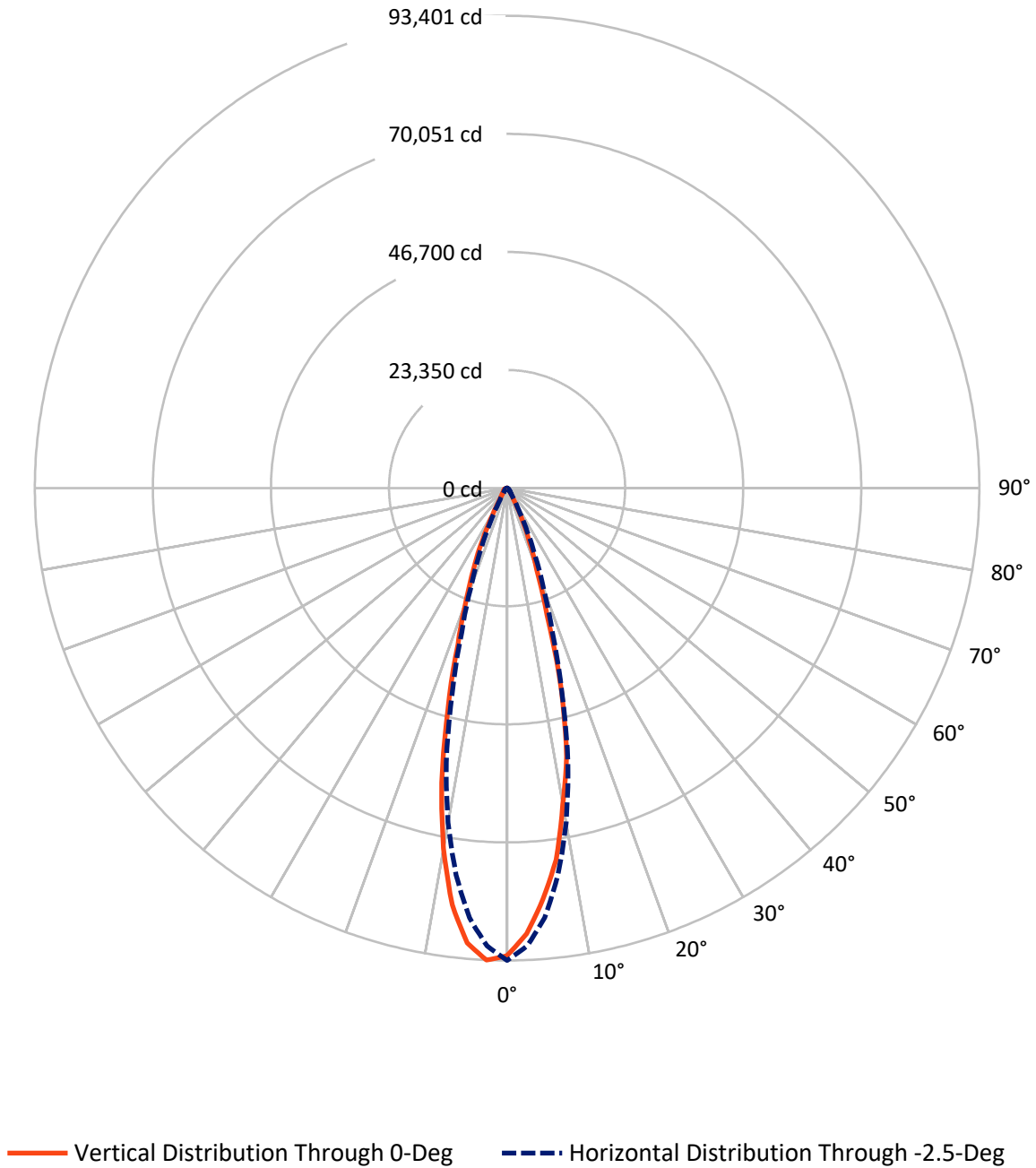
CATALOG NUMBER: GFLD-SA5C-730-U-MR-VSR-XX

### Lumen Table

90																								
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0									
70																								
60	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0								
50		0.0	0.1	0.7	1.8	3.0	4.2	5.0	5.0	4.2	3.0	1.8	0.7	0.1	0.0									
40	0.1	0.1	0.9	2.9	5.6	8.6	12.0	14.1	14.1	12.0	8.6	5.6	2.9	0.9	0.1	0.1								
30		0.4	2.2	5.7	10.4	17.1	28.6	38.1	38.1	28.6	17.1	10.4	5.7	2.2	0.4									
20	0.2	0.8	3.6	8.7	16.5	40.0	125.7	230.6	230.6	125.7	40.0	16.5	8.7	3.6	0.8	0.2								
10		1.3	4.9	11.8	28.2	138.0	561.0	1098.5	1098.5	561.0	138.0	28.2	11.8	4.9	1.3									
0	0.4	1.7	6.0	14.0	40.4	263.0	1132.7	2220.3	2220.3	1132.7	263.0	40.4	14.0	6.0	1.7	0.4								
-10		1.9	6.5	14.8	43.2	275.5	1162.3	2354.3	2354.3	1162.3	275.5	43.2	14.8	6.5	1.9									
-20	0.5	2.0	6.6	14.4	35.5	169.2	642.7	1245.9	1245.9	642.7	169.2	35.5	14.4	6.6	2.0	0.5								
-30		2.0	6.3	13.2	26.0	65.7	199.0	355.1	355.1	199.0	65.7	26.0	13.2	6.3	2.0									
-40	0.5	1.7	5.6	11.4	19.8	32.4	52.9	70.8	70.8	52.9	32.4	19.8	11.4	5.6	1.7	0.5								
-50		1.5	4.7	9.5	15.6	22.3	29.4	33.0	33.0	29.4	22.3	15.6	9.5	4.7	1.5									
-60	0.3	1.1	3.5	7.4	12.2	17.0	21.2	23.1	23.1	21.2	17.0	12.2	7.4	3.5	1.1	0.3								
-70		0.7	2.2	4.8	8.1	11.6	14.5	16.0	16.0	14.5	11.6	8.1	4.8	2.2	0.7									
-80	0.1	1.7	7.8	16.9	21.4	16.9	7.8	1.7	0.1															
-90																								
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90					

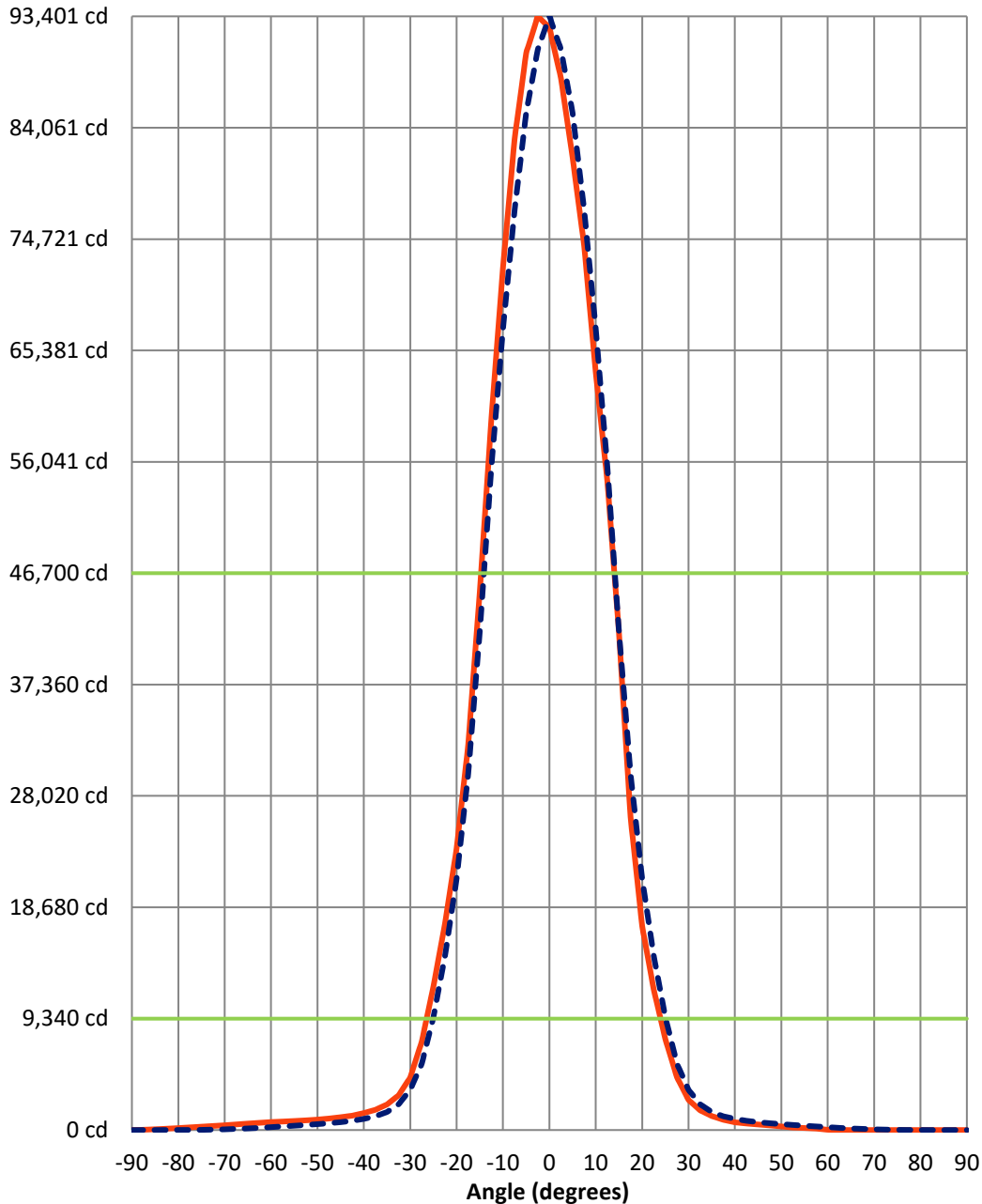
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.2°  
 V Angle: 28.7°  
 Lumens: 13245.5  
 Efficiency: 50.0%

**Field:**  
 H Angle: 50.2°  
 V Angle: 50.4°  
 Lumens: 22760.3  
 Efficiency: 85.9%

**Spill:**  
 Lumens: 3730.2  
 Efficiency: 14.1%

— Vertical Distribution through 0-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°	0	0	0	0	0	0	0	0	0	0	0
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°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	1
60°	0	0	0	0	0	0	0	0	0	1	2
57.5°	0	0	0	0	0	0	0	0	1	3	2
55°	0	0	0	0	0	0	1	0	3	4	2
52.5°	0	0	0	0	0	0	1	2	4	4	3
50°	0	0	0	0	0	1	2	3	6	4	4
47.5°	0	0	0	0	0	1	2	4	6	5	5
45°	0	0	0	0	0	2	3	6	6	5	6
42.5°	0	0	0	0	0	3	4	6	6	6	9
40°	0	0	0	0	0	3	5	6	6	6	14
37.5°	0	0	0	0	1	4	5	6	7	9	19
35°	0	0	0	0	1	5	6	6	9	14	25
32.5°	0	0	0	0	2	5	6	6	11	20	32
30°	0	0	0	0	3	5	6	6	13	25	39
27.5°	0	0	0	0	3	6	6	8	17	30	47
25°	0	0	0	0	4	6	6	10	21	36	55
22.5°	0	0	0	0	4	6	6	12	25	42	66
20°	0	0	0	0	4	6	6	15	29	49	76
17.5°	0	0	0	0	5	6	6	17	32	55	85
15°	0	0	0	0	5	6	7	20	36	62	93
12.5°	0	0	0	0	5	6	8	23	39	68	100
10°	0	0	0	0	6	6	8	26	42	74	107
7.5°	0	0	0	0	6	6	9	28	45	80	114
5°	0	0	0	0	6	6	10	31	48	85	120
2.5°	0	0	0	0	6	6	11	33	51	90	125
0°	0	0	0	0	6	6	12	35	53	94	129
-2.5°	0	0	0	0	6	7	14	36	58	97	133
-5°	0	0	0	1	6	7	16	37	63	100	136
-7.5°	0	0	0	1	6	8	18	37	67	102	138
-10°	0	0	0	1	6	8	20	37	70	104	140
-12.5°	0	0	0	2	6	9	21	37	72	106	143
-15°	0	0	0	2	6	9	23	38	72	107	146
-17.5°	0	0	0	2	5	9	23	39	71	108	147
-20°	0	0	0	2	5	9	24	41	70	107	147

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CATALOG NUMBER: GFLD-SA5C-730-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0	0	0	3	5	9	24	42	69	106	145
-25°	0	0	0	3	6	10	24	43	67	104	141
-27.5°	0	0	0	3	6	11	24	44	65	101	138
-30°	0	0	0	3	6	11	24	44	64	97	134
-32.5°	0	0	0	3	7	12	24	44	64	94	128
-35°	0	0	0	2	7	12	24	43	63	90	122
-37.5°	0	0	0	2	7	12	24	42	62	86	119
-40°	0	0	0	2	8	13	24	40	60	84	116
-42.5°	0	0	0	1	8	13	23	39	58	81	111
-45°	0	0	0	1	7	13	22	37	56	77	106
-47.5°	0	0	0	1	7	13	21	35	53	73	100
-50°	0	0	0	1	6	12	20	33	50	69	94
-52.5°	0	0	0	1	6	12	19	31	47	65	86
-55°	0	0	0	1	5	11	18	28	43	60	79
-57.5°	0	0	0	1	5	11	17	26	39	54	72
-60°	0	0	0	1	4	10	15	24	34	49	65
-62.5°	0	0	0	1	4	9	14	21	31	43	58
-65°	0	0	0	1	4	8	13	19	28	38	51
-67.5°	0	0	0	1	4	7	12	17	24	34	44
-70°	0	0	0	1	4	7	11	15	21	29	38
-72.5°	0	0	0	1	3	6	10	13	18	24	32
-75°	0	0	0	1	3	5	9	11	15	20	26
-77.5°	0	0	0	1	2	5	7	9	12	15	19
-80°	0	0	0	1	2	4	6	7	9	11	14
-82.5°	0	0	0	1	2	3	5	5	6	7	9
-85°	0	0	0	0	1	2	3	4	4	5	5
-87.5°	0	0	0	0	1	1	2	2	2	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0



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CATALOG NUMBER: GFLD-SA5C-730-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0	0	0	0	0	0	0	0	0	0	0
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°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	1	1	1	1	2
60°	0	0	1	1	1	3	3	5	5	6	12
57.5°	1	1	3	3	4	7	10	11	19	27	32
55°	2	4	5	5	9	14	19	29	39	51	62
52.5°	4	6	6	9	17	25	37	52	67	79	89
50°	6	7	8	19	29	43	61	80	94	105	122
47.5°	8	9	18	30	45	65	89	105	119	140	164
45°	11	17	29	45	65	92	113	129	152	177	202
42.5°	15	26	42	59	90	117	137	159	184	212	239
40°	23	35	56	83	115	140	166	191	216	249	278
37.5°	30	49	72	105	138	166	195	224	255	289	323
35°	37	62	91	126	159	194	225	258	297	335	373
32.5°	47	76	109	145	182	220	255	297	338	379	426
30°	60	91	125	164	203	243	288	335	375	422	472
27.5°	73	104	142	183	222	266	320	368	411	461	516
25°	86	119	158	199	242	293	351	399	445	501	566
22.5°	98	133	176	214	262	320	379	433	486	541	616
20°	109	148	193	234	281	346	408	469	530	599	684
17.5°	120	162	209	256	307	372	437	504	573	657	763
15°	131	176	225	275	332	397	466	540	619	718	838
12.5°	141	188	241	294	353	420	491	568	660	778	928
10°	150	199	256	311	371	441	514	593	693	820	995
7.5°	158	209	269	326	387	459	533	615	719	854	1049
5°	165	219	279	337	400	473	548	633	741	882	1092
2.5°	171	228	288	346	410	482	558	645	755	908	1125
0°	176	235	294	353	417	488	565	653	764	929	1147
-2.5°	182	243	301	360	425	494	571	660	775	935	1152
-5°	186	249	306	366	431	498	575	663	780	936	1155
-7.5°	189	253	310	370	436	502	577	666	782	935	1154
-10°	192	256	313	373	439	505	578	665	778	925	1135
-12.5°	195	257	314	375	440	506	576	659	767	907	1098
-15°	197	257	315	374	439	505	571	649	750	884	1050
-17.5°	198	256	313	371	436	502	564	639	734	859	1018
-20°	198	255	310	365	431	496	559	631	719	830	972

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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	197	253	306	360	423	487	550	618	700	793	921
-25°	194	250	302	355	414	475	539	602	679	769	877
-27.5°	189	245	297	349	404	462	524	586	657	739	833
-30°	182	238	289	341	395	450	507	569	632	708	794
-32.5°	173	229	280	331	384	438	489	548	610	675	753
-35°	166	219	270	319	372	423	472	524	585	646	711
-37.5°	160	208	259	305	356	407	453	502	556	616	675
-40°	154	197	246	292	338	389	435	478	527	585	642
-42.5°	147	189	234	279	322	368	415	457	503	556	610
-45°	141	180	221	265	308	349	393	437	482	528	579
-47.5°	133	170	210	249	291	333	371	414	459	503	548
-50°	125	160	196	233	272	314	354	390	432	476	519
-52.5°	115	148	182	215	252	291	332	370	406	443	485
-55°	103	135	166	198	230	267	306	344	381	416	452
-57.5°	93	120	150	181	210	241	278	315	351	386	422
-60°	84	106	132	161	191	220	251	285	319	352	385
-62.5°	74	94	115	141	169	197	226	255	287	315	344
-65°	65	81	100	122	145	170	197	225	253	276	299
-67.5°	56	70	85	102	123	144	165	190	216	237	257
-70°	48	58	71	85	101	119	138	158	177	196	216
-72.5°	40	49	58	68	82	98	113	128	144	161	178
-75°	33	40	47	55	66	78	91	105	118	131	144
-77.5°	25	31	38	44	51	60	71	81	92	103	114
-80°	18	23	28	34	39	45	52	59	67	75	84
-82.5°	12	16	20	24	27	31	34	39	44	50	57
-85°	7	9	11	14	16	18	19	21	25	29	32
-87.5°	3	4	6	7	7	8	8	8	10	11	13
-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°	0	0	0	0	0	0	0	0	0	0	0
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°	0	0	0	0	0	1	1	1	1	0	0
62.5°	2	3	5	6	7	7	8	8	8	8	8
60°	15	15	22	27	26	20	29	33	32	27	27
57.5°	41	51	59	62	70	82	86	84	85	89	100
55°	72	80	86	98	110	121	130	136	143	151	159
52.5°	98	112	121	134	150	159	163	180	194	205	212
50°	140	154	170	186	201	215	227	243	263	283	295
47.5°	184	202	222	245	263	276	291	314	340	364	379
45°	224	245	270	293	312	331	354	382	409	433	451
42.5°	261	285	311	337	354	384	416	444	477	508	531
40°	303	326	365	392	415	446	493	534	574	611	635
37.5°	354	393	434	467	498	537	602	665	715	765	801
35°	414	461	513	549	595	668	748	835	923	993	1056
32.5°	472	524	576	634	705	807	908	1048	1178	1311	1436
30°	523	582	645	719	835	977	1142	1356	1589	1820	2085
27.5°	578	642	718	836	1010	1205	1508	1845	2327	2714	3339
25°	637	710	813	1000	1242	1583	2113	2715	3711	4562	5521
22.5°	709	820	967	1202	1605	2219	3043	4356	5885	7305	8660
20°	798	948	1198	1573	2151	3097	4658	6649	8775	10853	12863
17.5°	915	1153	1511	2044	2864	4851	7175	10019	13661	16396	18989
15°	1021	1323	1864	2726	4270	6828	10075	14431	19333	23455	28118
12.5°	1147	1512	2164	3282	5489	8870	13009	18204	24006	30262	37566
10°	1258	1706	2545	4084	6761	10695	15334	21432	28884	37737	46967
7.5°	1343	1868	2863	4685	7832	12193	17726	25142	34580	44928	55454
5°	1408	1993	3112	5156	8743	13408	19472	28078	38836	50712	61180
2.5°	1460	2081	3278	5446	9359	14239	20666	29639	41440	54489	65480
0°	1500	2135	3370	5652	9645	14632	21218	30269	42660	56339	67642
-2.5°	1513	2163	3374	5580	9471	14608	21089	29883	41818	55605	67183
-5°	1519	2149	3289	5432	9162	14084	20245	28415	39248	52179	63913
-7.5°	1507	2091	3117	5068	8469	13159	19066	26237	35116	46518	58645
-10°	1467	1991	2883	4574	7515	11715	17230	23289	30382	39690	49518
-12.5°	1393	1841	2561	3835	6392	10082	14965	20321	25849	31966	40050
-15°	1305	1687	2297	3386	5352	8365	12320	16844	21432	26116	31047
-17.5°	1239	1554	2027	2788	4109	6546	9708	13343	17066	20785	24106
-20°	1154	1394	1764	2356	3316	4757	7136	9964	12746	15779	18324

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REPORT NUMBER: P627624 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-730-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1078	1283	1560	1932	2578	3593	4949	6940	9053	11256	13346
-25°	1007	1161	1381	1680	2066	2670	3565	4606	6089	7444	8996
-27.5°	947	1076	1226	1447	1739	2070	2619	3227	4005	4650	5686
-30°	889	992	1115	1258	1472	1724	2019	2387	2767	3149	3645
-32.5°	834	921	1018	1133	1265	1454	1637	1874	2082	2311	2548
-35°	781	858	938	1029	1131	1255	1393	1549	1688	1826	1950
-37.5°	736	800	869	941	1023	1109	1218	1328	1421	1511	1588
-40°	697	750	808	868	933	1003	1087	1168	1232	1290	1339
-42.5°	661	709	754	805	859	923	989	1051	1094	1134	1166
-45°	628	669	710	752	796	852	908	957	991	1021	1045
-47.5°	592	629	666	705	748	792	837	873	903	929	947
-50°	557	593	627	659	697	737	776	806	833	855	868
-52.5°	523	558	592	624	655	686	717	746	773	796	805
-55°	489	524	554	585	615	644	672	697	721	744	751
-57.5°	457	491	524	549	574	601	627	652	675	696	703
-60°	419	454	483	507	532	557	579	602	625	645	654
-62.5°	375	407	433	456	479	500	521	542	562	579	588
-65°	323	350	375	398	419	438	458	476	493	506	514
-67.5°	277	297	319	340	360	379	397	413	428	439	446
-70°	234	252	271	290	308	325	340	355	369	379	386
-72.5°	194	210	227	244	261	275	288	301	313	321	328
-75°	158	171	186	200	214	226	237	247	257	264	271
-77.5°	125	136	146	157	168	177	186	194	202	208	213
-80°	93	101	109	117	125	132	138	145	151	156	161
-82.5°	63	69	75	82	88	92	95	99	102	106	110
-85°	36	40	44	48	52	55	57	60	62	64	66
-87.5°	14	16	18	20	21	22	22	22	23	24	26
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627624 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-730-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0	0	0	0	0	0	0	0	0	0	0
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°	0	0	0	0	0	0	0	0	0	1	1
62.5°	7	6	6	6	6	6	7	8	8	8	8
60°	26	23	23	24	23	23	26	27	27	32	33
57.5°	110	117	122	124	122	117	110	100	89	85	84
55°	167	173	173	171	173	173	167	159	151	143	136
52.5°	215	216	215	212	215	216	215	212	205	194	180
50°	299	298	298	300	298	298	299	295	283	263	243
47.5°	385	389	390	388	390	389	385	379	364	340	314
45°	459	465	467	465	467	465	459	451	433	409	382
42.5°	540	544	545	547	545	544	540	531	508	477	444
40°	646	650	649	647	649	650	646	635	611	574	534
37.5°	825	838	843	859	843	838	825	801	765	715	665
35°	1105	1135	1151	1176	1151	1135	1105	1056	993	923	835
32.5°	1526	1587	1620	1653	1620	1587	1526	1436	1311	1178	1048
30°	2268	2389	2439	2529	2439	2389	2268	2085	1820	1589	1356
27.5°	3797	4084	4198	4434	4198	4084	3797	3339	2714	2327	1845
25°	6395	7015	7357	7628	7357	7015	6395	5521	4562	3711	2715
22.5°	10027	10935	11421	11780	11421	10935	10027	8660	7305	5885	4356
20°	14685	15885	16600	17119	16600	15885	14685	12863	10853	8775	6649
17.5°	22319	24204	25306	26253	25306	24204	22319	18989	16396	13661	10019
15°	33320	37107	40050	41690	40050	37107	33320	28118	23455	19333	14431
12.5°	44022	49569	52865	54381	52865	49569	44022	37566	30262	24006	18204
10°	54605	59836	62972	63526	62972	59836	54605	46967	37737	28884	21432
7.5°	62708	68460	72627	74141	72627	68460	62708	55454	44928	34580	25142
5°	69864	76600	81009	81569	81009	76600	69864	61180	50712	38836	28078
2.5°	75129	82451	86727	88196	86727	82451	75129	65480	54489	41440	29639
0°	77675	85562	90319	92460	90319	85562	77675	67642	56339	42660	30269
-2.5°	77139	85296	90607	93401	90607	85296	77139	67183	55605	41818	29883
-5°	74206	82387	87339	90307	87339	82387	74206	63913	52179	39248	28415
-7.5°	67443	75093	80364	83103	80364	75093	67443	58645	46518	35116	26237
-10°	58727	65202	70006	72341	70006	65202	58727	49518	39690	30382	23289
-12.5°	47402	53682	58017	59668	58017	53682	47402	40050	31966	25849	20321
-15°	36318	41111	44191	45166	44191	41111	36318	31047	26116	21432	16844
-17.5°	27542	30123	31855	32322	31855	30123	27542	24106	20785	17066	13343
-20°	20634	22233	23357	23624	23357	22233	20634	18324	15779	12746	9964

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REPORT NUMBER: P627624 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-730-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	15035	16237	17144	17325	17144	16237	15035	13346	11256	9053	6940
-25°	10371	11376	11992	12038	11992	11376	10371	8996	7444	6089	4606
-27.5°	6502	7054	7339	7439	7339	7054	6502	5686	4650	4005	3227
-30°	4018	4272	4406	4411	4406	4272	4018	3645	3149	2767	2387
-32.5°	2727	2850	2917	2917	2917	2850	2727	2548	2311	2082	1874
-35°	2043	2107	2143	2147	2143	2107	2043	1950	1826	1688	1549
-37.5°	1643	1678	1696	1700	1696	1678	1643	1588	1511	1421	1328
-40°	1374	1398	1413	1423	1413	1398	1374	1339	1290	1232	1168
-42.5°	1188	1204	1211	1206	1211	1204	1188	1166	1134	1094	1051
-45°	1058	1068	1074	1076	1074	1068	1058	1045	1021	991	957
-47.5°	955	960	963	965	963	960	955	947	929	903	873
-50°	874	878	879	876	879	878	874	868	855	833	806
-52.5°	808	810	811	812	811	810	808	805	796	773	746
-55°	755	757	758	759	758	757	755	751	744	721	697
-57.5°	709	714	714	712	714	714	709	703	696	675	652
-60°	661	667	670	670	670	667	661	654	645	625	602
-62.5°	596	602	605	606	605	602	596	588	579	562	542
-65°	521	526	534	541	534	526	521	514	506	493	476
-67.5°	452	456	464	470	464	456	452	446	439	428	413
-70°	392	398	399	400	399	398	392	386	379	369	355
-72.5°	334	339	341	341	341	339	334	328	321	313	301
-75°	276	281	282	282	282	281	276	271	264	257	247
-77.5°	218	222	223	224	223	222	218	213	208	202	194
-80°	166	170	167	165	167	170	166	161	156	151	145
-82.5°	113	117	115	112	115	117	113	110	106	102	99
-85°	68	70	68	65	68	70	68	66	64	62	60
-87.5°	28	29	26	24	26	29	28	26	24	23	22
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627624 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-730-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0	0	0	0	0	0	0	0	0	0	0
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	1	0	0	0	0	0	0	0	0	0
62.5°	8	7	7	6	5	3	2	2	1	1	1
60°	29	20	26	27	22	15	15	12	6	5	5
57.5°	86	82	70	62	59	51	41	32	27	19	11
55°	130	121	110	98	86	80	72	62	51	39	29
52.5°	163	159	150	134	121	112	98	89	79	67	52
50°	227	215	201	186	170	154	140	122	105	94	80
47.5°	291	276	263	245	222	202	184	164	140	119	105
45°	354	331	312	293	270	245	224	202	177	152	129
42.5°	416	384	354	337	311	285	261	239	212	184	159
40°	493	446	415	392	365	326	303	278	249	216	191
37.5°	602	537	498	467	434	393	354	323	289	255	224
35°	748	668	595	549	513	461	414	373	335	297	258
32.5°	908	807	705	634	576	524	472	426	379	338	297
30°	1142	977	835	719	645	582	523	472	422	375	335
27.5°	1508	1205	1010	836	718	642	578	516	461	411	368
25°	2113	1583	1242	1000	813	710	637	566	501	445	399
22.5°	3043	2219	1605	1202	967	820	709	616	541	486	433
20°	4658	3097	2151	1573	1198	948	798	684	599	530	469
17.5°	7175	4851	2864	2044	1511	1153	915	763	657	573	504
15°	10075	6828	4270	2726	1864	1323	1021	838	718	619	540
12.5°	13009	8870	5489	3282	2164	1512	1147	928	778	660	568
10°	15334	10695	6761	4084	2545	1706	1258	995	820	693	593
7.5°	17726	12193	7832	4685	2863	1868	1343	1049	854	719	615
5°	19472	13408	8743	5156	3112	1993	1408	1092	882	741	633
2.5°	20666	14239	9359	5446	3278	2081	1460	1125	908	755	645
0°	21218	14632	9645	5652	3370	2135	1500	1147	929	764	653
-2.5°	21089	14608	9471	5580	3374	2163	1513	1152	935	775	660
-5°	20245	14084	9162	5432	3289	2149	1519	1155	936	780	663
-7.5°	19066	13159	8469	5068	3117	2091	1507	1154	935	782	666
-10°	17230	11715	7515	4574	2883	1991	1467	1135	925	778	665
-12.5°	14965	10082	6392	3835	2561	1841	1393	1098	907	767	659
-15°	12320	8365	5352	3386	2297	1687	1305	1050	884	750	649
-17.5°	9708	6546	4109	2788	2027	1554	1239	1018	859	734	639
-20°	7136	4757	3316	2356	1764	1394	1154	972	830	719	631

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CATALOG NUMBER: GFLD-SA5C-730-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4949	3593	2578	1932	1560	1283	1078	921	793	700	618
-25°	3565	2670	2066	1680	1381	1161	1007	877	769	679	602
-27.5°	2619	2070	1739	1447	1226	1076	947	833	739	657	586
-30°	2019	1724	1472	1258	1115	992	889	794	708	632	569
-32.5°	1637	1454	1265	1133	1018	921	834	753	675	610	548
-35°	1393	1255	1131	1029	938	858	781	711	646	585	524
-37.5°	1218	1109	1023	941	869	800	736	675	616	556	502
-40°	1087	1003	933	868	808	750	697	642	585	527	478
-42.5°	989	923	859	805	754	709	661	610	556	503	457
-45°	908	852	796	752	710	669	628	579	528	482	437
-47.5°	837	792	748	705	666	629	592	548	503	459	414
-50°	776	737	697	659	627	593	557	519	476	432	390
-52.5°	717	686	655	624	592	558	523	485	443	406	370
-55°	672	644	615	585	554	524	489	452	416	381	344
-57.5°	627	601	574	549	524	491	457	422	386	351	315
-60°	579	557	532	507	483	454	419	385	352	319	285
-62.5°	521	500	479	456	433	407	375	344	315	287	255
-65°	458	438	419	398	375	350	323	299	276	253	225
-67.5°	397	379	360	340	319	297	277	257	237	216	190
-70°	340	325	308	290	271	252	234	216	196	177	158
-72.5°	288	275	261	244	227	210	194	178	161	144	128
-75°	237	226	214	200	186	171	158	144	131	118	105
-77.5°	186	177	168	157	146	136	125	114	103	92	81
-80°	138	132	125	117	109	101	93	84	75	67	59
-82.5°	95	92	88	82	75	69	63	57	50	44	39
-85°	57	55	52	48	44	40	36	32	29	25	21
-87.5°	22	22	21	20	18	16	14	13	11	10	8
-90°	0	0	0	0	0	0	0	0	0	0	0





REPORT NUMBER: P627624 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-730-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0	0	0	0	0	0	0	0	0	0	0
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°	0	0	0	0	0	0	0	0	0	0	0
62.5°	1	0	0	0	0	0	0	1	0	0	0
60°	3	3	1	1	1	0	0	2	1	0	0
57.5°	10	7	4	3	3	1	1	2	3	1	0
55°	19	14	9	5	5	4	2	2	4	3	0
52.5°	37	25	17	9	6	6	4	3	4	4	2
50°	61	43	29	19	8	7	6	4	4	6	3
47.5°	89	65	45	30	18	9	8	5	5	6	4
45°	113	92	65	45	29	17	11	6	5	6	6
42.5°	137	117	90	59	42	26	15	9	6	6	6
40°	166	140	115	83	56	35	23	14	6	6	6
37.5°	195	166	138	105	72	49	30	19	9	7	6
35°	225	194	159	126	91	62	37	25	14	9	6
32.5°	255	220	182	145	109	76	47	32	20	11	6
30°	288	243	203	164	125	91	60	39	25	13	6
27.5°	320	266	222	183	142	104	73	47	30	17	8
25°	351	293	242	199	158	119	86	55	36	21	10
22.5°	379	320	262	214	176	133	98	66	42	25	12
20°	408	346	281	234	193	148	109	76	49	29	15
17.5°	437	372	307	256	209	162	120	85	55	32	17
15°	466	397	332	275	225	176	131	93	62	36	20
12.5°	491	420	353	294	241	188	141	100	68	39	23
10°	514	441	371	311	256	199	150	107	74	42	26
7.5°	533	459	387	326	269	209	158	114	80	45	28
5°	548	473	400	337	279	219	165	120	85	48	31
2.5°	558	482	410	346	288	228	171	125	90	51	33
0°	565	488	417	353	294	235	176	129	94	53	35
-2.5°	571	494	425	360	301	243	182	133	97	58	36
-5°	575	498	431	366	306	249	186	136	100	63	37
-7.5°	577	502	436	370	310	253	189	138	102	67	37
-10°	578	505	439	373	313	256	192	140	104	70	37
-12.5°	576	506	440	375	314	257	195	143	106	72	37
-15°	571	505	439	374	315	257	197	146	107	72	38
-17.5°	564	502	436	371	313	256	198	147	108	71	39
-20°	559	496	431	365	310	255	198	147	107	70	41

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CATALOG NUMBER: GFLD-SA5C-730-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	550	487	423	360	306	253	197	145	106	69	42
-25°	539	475	414	355	302	250	194	141	104	67	43
-27.5°	524	462	404	349	297	245	189	138	101	65	44
-30°	507	450	395	341	289	238	182	134	97	64	44
-32.5°	489	438	384	331	280	229	173	128	94	64	44
-35°	472	423	372	319	270	219	166	122	90	63	43
-37.5°	453	407	356	305	259	208	160	119	86	62	42
-40°	435	389	338	292	246	197	154	116	84	60	40
-42.5°	415	368	322	279	234	189	147	111	81	58	39
-45°	393	349	308	265	221	180	141	106	77	56	37
-47.5°	371	333	291	249	210	170	133	100	73	53	35
-50°	354	314	272	233	196	160	125	94	69	50	33
-52.5°	332	291	252	215	182	148	115	86	65	47	31
-55°	306	267	230	198	166	135	103	79	60	43	28
-57.5°	278	241	210	181	150	120	93	72	54	39	26
-60°	251	220	191	161	132	106	84	65	49	34	24
-62.5°	226	197	169	141	115	94	74	58	43	31	21
-65°	197	170	145	122	100	81	65	51	38	28	19
-67.5°	165	144	123	102	85	70	56	44	34	24	17
-70°	138	119	101	85	71	58	48	38	29	21	15
-72.5°	113	98	82	68	58	49	40	32	24	18	13
-75°	91	78	66	55	47	40	33	26	20	15	11
-77.5°	71	60	51	44	38	31	25	19	15	12	9
-80°	52	45	39	34	28	23	18	14	11	9	7
-82.5°	34	31	27	24	20	16	12	9	7	6	5
-85°	19	18	16	14	11	9	7	5	5	4	4
-87.5°	8	8	7	7	6	4	3	2	2	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0

Classified

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

Scaled Data Report



REPORT NUMBER: P627624 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-730-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

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

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CATALOG NUMBER: GFLD-SA5C-730-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)