

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



Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P627614 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA5C-727-U-MR-VSR-XX

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P627614 (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: 5/9/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA5C-727-U-MR-VSR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR  
Light Source: (80) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	24328.5 lumens	Max Intensity:	85777.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -2.5°V
Efficacy:	118.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

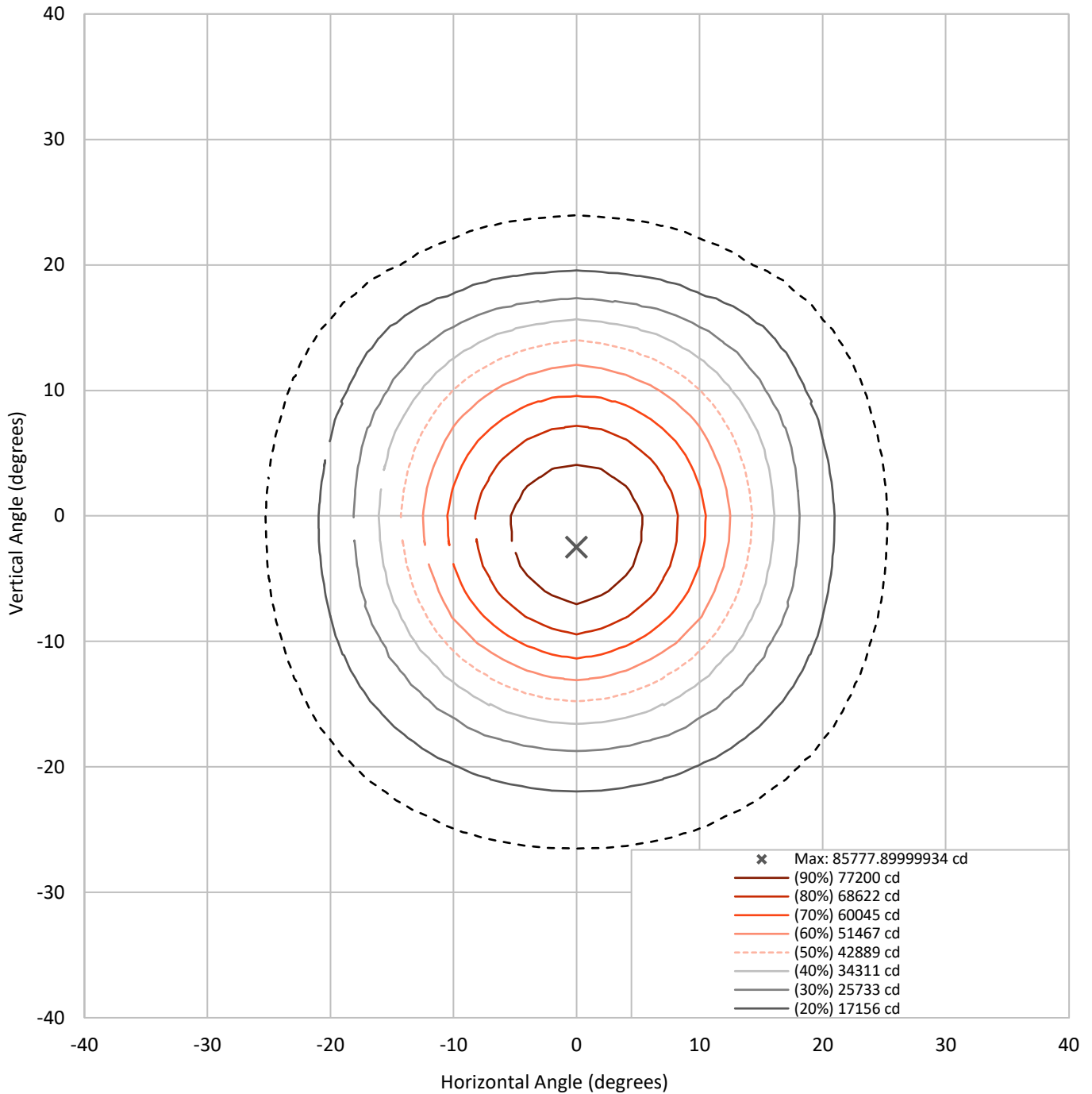
Beam Angle (50%):	28.2°H x 28.7°V	Field Angle (10%):	50.2°H x 50.4°V
Beam Lumens:	12164.5 lumens	Field Lumens:	20902.7 lumens
Beam Efficiency:	50.0%	Field Efficiency:	85.9%

Input Watts (W): 206.13  
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





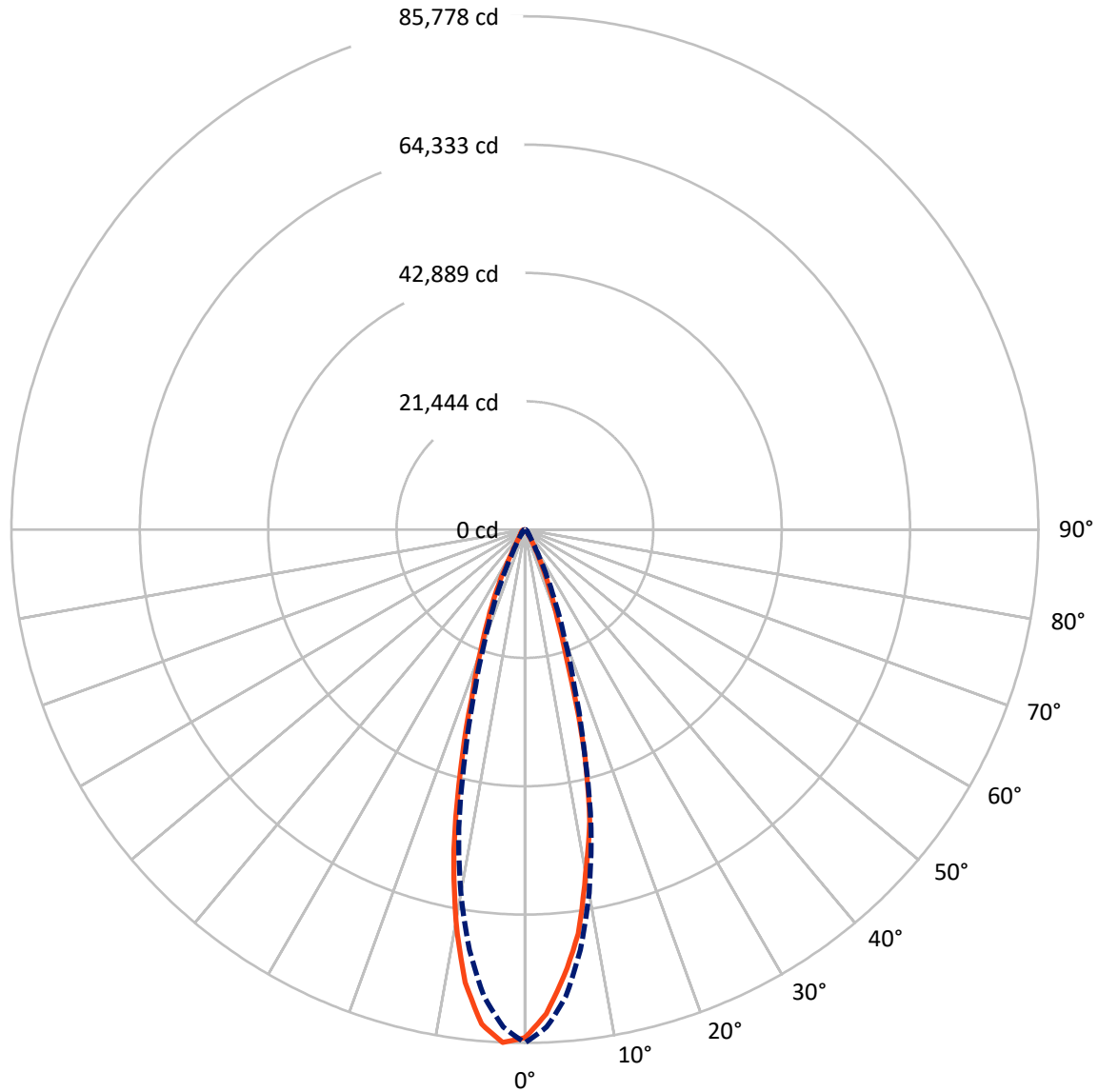
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### Lumen Table

90	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	0.0			
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	0.0			
70	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			
60		0.0	0.1	0.7	1.7	2.8	3.8	4.6	4.6	3.8	2.8	1.7	0.7	0.1	0.0				
50	0.1	0.1	0.8	2.6	5.1	7.9	11.1	13.0	13.0	11.1	7.9	5.1	2.6	0.8	0.1	0.1			
40		0.4	2.1	5.2	9.6	15.7	26.3	35.0	35.0	26.3	15.7	9.6	5.2	2.1	0.4				
30	0.2	0.8	3.3	7.9	15.1	36.8	115.5	211.8	211.8	115.5	36.8	15.1	7.9	3.3	0.8	0.2			
20		1.2	4.5	10.8	25.9	126.7	515.2	1008.8	1008.8	515.2	126.7	25.9	10.8	4.5	1.2				
10	0.3	1.5	5.5	12.9	37.1	241.5	1040.3	2039.1	2039.1	1040.3	241.5	37.1	12.9	5.5	1.5	0.3			
0		1.8	6.0	13.6	39.7	253.0	1067.4	2162.1	2162.1	1067.4	253.0	39.7	13.6	6.0	1.8				
-10	0.5	1.9	6.1	13.2	32.6	155.4	590.3	1144.2	1144.2	590.3	155.4	32.6	13.2	6.1	1.9	0.5			
-20		1.8	5.8	12.1	23.9	60.3	182.8	326.2	326.2	182.8	60.3	23.9	12.1	5.8	1.8				
-30	0.4	1.6	5.2	10.5	18.1	29.8	48.6	65.0	65.0	48.6	29.8	18.1	10.5	5.2	1.6	0.4			
-40		1.3	4.3	8.7	14.3	20.5	27.0	30.3	30.3	27.0	20.5	14.3	8.7	4.3	1.3				
-50	0.3	1.0	3.2	6.8	11.2	15.6	19.5	21.2	21.2	19.5	15.6	11.2	6.8	3.2	1.0	0.3			
-60		0.6	2.0	4.4	7.5	10.6	13.3	14.7	14.7	13.3	10.6	7.5	4.4	2.0	0.6				
-70	0.1	0.6	2.0	4.4	7.5	10.6	13.3	14.7	14.7	13.3	10.6	7.5	4.4	2.0	0.6	0.1			
-80		1.6	7.2	15.5	19.6	15.5	7.2	1.6	0.1										
-90	0.1	1.6	7.2	15.5	19.6	15.5	7.2	1.6	0.1										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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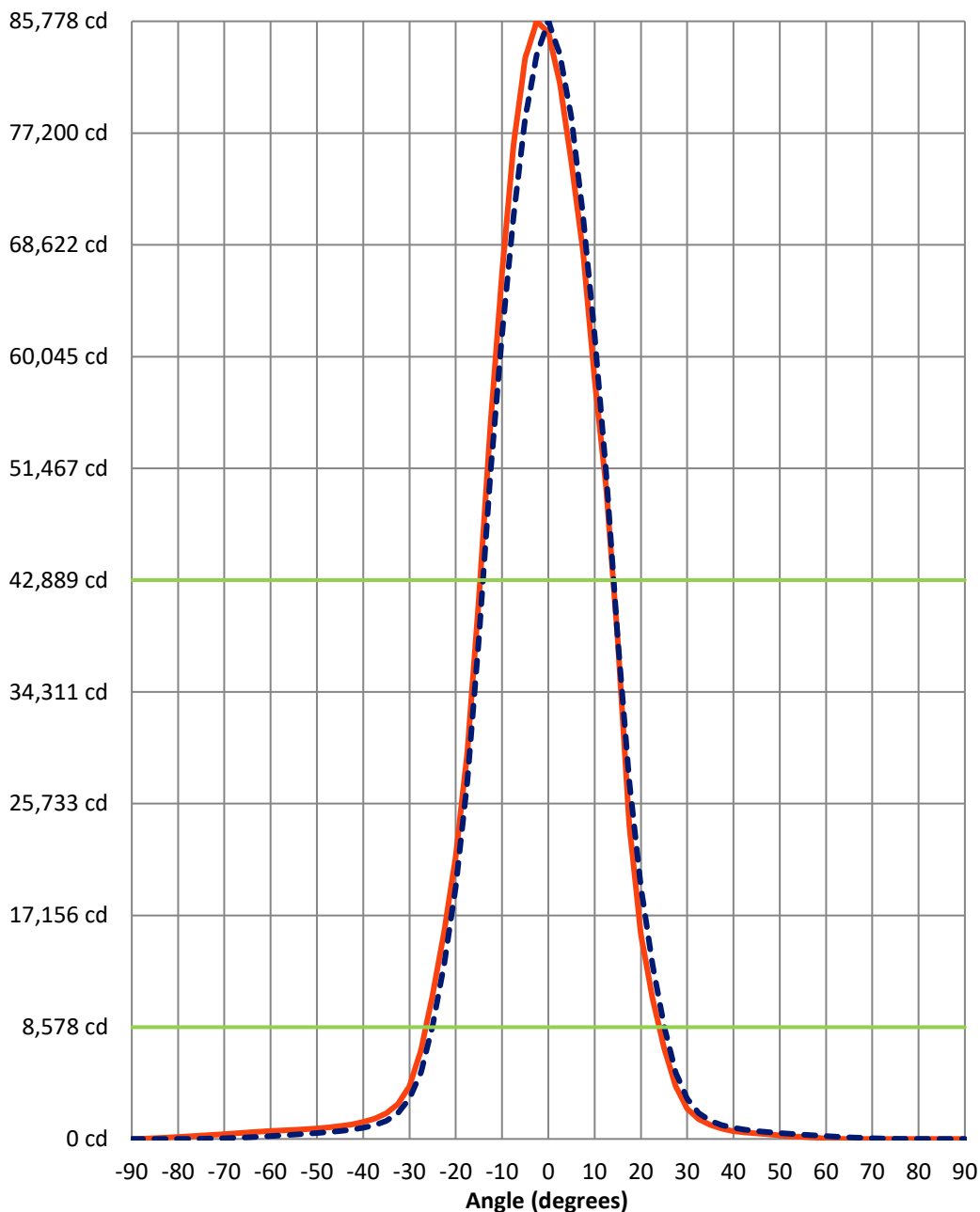
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through -2.5-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.2°  
 V Angle: 28.7°  
 Lumens: 12164.5  
 Efficiency: 50.0%

**Field:**  
 H Angle: 50.2°  
 V Angle: 50.4°  
 Lumens: 20902.7  
 Efficiency: 85.9%

**Spill:**  
 Lumens: 3425.8  
 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	1
57.5°	0	0	0	0	0	0	0	0	1	2	2
55°	0	0	0	0	0	0	1	0	2	3	2
52.5°	0	0	0	0	0	0	1	2	4	4	3
50°	0	0	0	0	0	1	2	3	5	4	4
47.5°	0	0	0	0	0	1	2	4	5	4	5
45°	0	0	0	0	0	2	3	5	5	5	5
42.5°	0	0	0	0	0	2	4	5	5	5	9
40°	0	0	0	0	0	3	4	5	6	6	13
37.5°	0	0	0	0	1	4	5	5	7	8	18
35°	0	0	0	0	1	4	5	5	8	13	23
32.5°	0	0	0	0	2	5	5	5	10	18	29
30°	0	0	0	0	2	5	5	6	12	23	36
27.5°	0	0	0	0	3	5	5	7	15	27	43
25°	0	0	0	0	3	5	5	9	19	33	51
22.5°	0	0	0	0	4	5	5	11	23	39	60
20°	0	0	0	0	4	5	5	14	26	45	69
17.5°	0	0	0	0	4	5	6	16	30	51	78
15°	0	0	0	0	5	5	6	18	33	57	85
12.5°	0	0	0	0	5	5	7	21	36	63	92
10°	0	0	0	0	5	5	8	24	39	68	99
7.5°	0	0	0	0	5	5	8	26	42	74	105
5°	0	0	0	0	5	5	9	28	44	78	110
2.5°	0	0	0	0	5	5	10	31	47	83	115
0°	0	0	0	0	5	5	11	32	49	86	119
-2.5°	0	0	0	0	5	6	13	33	53	89	122
-5°	0	0	0	1	5	7	15	34	58	92	125
-7.5°	0	0	0	1	5	7	17	34	61	94	127
-10°	0	0	0	1	5	8	18	34	64	96	129
-12.5°	0	0	0	2	5	8	20	34	66	97	131
-15°	0	0	0	2	5	8	21	35	66	98	134
-17.5°	0	0	0	2	5	9	21	36	66	99	135
-20°	0	0	0	2	5	9	22	38	65	99	135

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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0	0	0	2	5	9	22	39	63	97	133
-25°	0	0	0	2	5	9	22	40	62	95	130
-27.5°	0	0	0	2	5	10	22	40	60	93	127
-30°	0	0	0	2	5	10	22	40	59	89	123
-32.5°	0	0	0	2	6	11	22	40	59	86	118
-35°	0	0	0	2	6	11	22	39	58	83	112
-37.5°	0	0	0	2	7	11	22	38	57	79	109
-40°	0	0	0	2	7	12	22	37	55	77	106
-42.5°	0	0	0	1	7	12	21	36	53	74	102
-45°	0	0	0	1	7	12	20	34	51	71	97
-47.5°	0	0	0	1	6	12	19	33	49	67	92
-50°	0	0	0	1	6	11	18	31	46	63	86
-52.5°	0	0	0	1	6	11	18	28	43	59	79
-55°	0	0	0	1	5	10	17	26	39	55	73
-57.5°	0	0	0	1	4	10	15	24	36	50	66
-60°	0	0	0	1	4	9	14	22	32	45	60
-62.5°	0	0	0	1	4	8	13	19	29	40	53
-65°	0	0	0	1	4	7	12	17	26	35	46
-67.5°	0	0	0	1	3	7	11	16	22	31	41
-70°	0	0	0	1	3	6	10	14	19	26	35
-72.5°	0	0	0	1	3	6	9	12	17	22	30
-75°	0	0	0	1	3	5	8	10	13	18	24
-77.5°	0	0	0	1	2	4	7	9	11	14	17
-80°	0	0	0	1	2	3	5	7	8	10	13
-82.5°	0	0	0	1	1	3	4	5	6	7	8
-85°	0	0	0	0	1	2	3	3	4	4	5
-87.5°	0	0	0	0	0	1	1	2	2	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0



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**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	0	1	2
60°	0	0	1	1	1	2	3	4	5	5	11
57.5°	1	1	3	3	4	6	9	10	17	25	30
55°	2	3	4	5	8	13	17	27	36	47	57
52.5°	4	5	5	8	16	23	34	47	61	72	81
50°	5	6	7	17	27	39	56	74	86	96	112
47.5°	7	8	16	28	41	60	82	97	109	129	151
45°	10	16	26	41	60	85	104	118	139	162	185
42.5°	14	24	39	54	83	107	126	146	169	195	219
40°	21	32	52	76	106	129	152	175	199	229	255
37.5°	28	45	66	97	126	153	179	205	234	266	297
35°	34	57	84	115	146	178	207	237	273	308	343
32.5°	43	70	100	133	167	202	234	273	310	348	391
30°	55	83	115	151	186	223	265	308	345	387	433
27.5°	67	96	130	168	204	244	294	338	378	424	474
25°	79	109	145	183	223	269	322	366	409	460	519
22.5°	90	122	162	197	240	294	348	398	447	497	566
20°	100	136	177	215	258	318	375	431	486	550	628
17.5°	111	149	192	235	282	341	402	463	526	603	700
15°	120	161	207	253	304	365	428	496	569	659	770
12.5°	129	172	221	270	324	386	451	522	606	715	852
10°	137	182	235	285	341	405	472	545	636	753	914
7.5°	145	192	247	299	356	421	489	565	661	785	963
5°	152	201	257	309	367	434	503	582	680	810	1003
2.5°	157	209	264	318	376	443	512	592	694	834	1033
0°	162	216	270	324	383	448	518	599	702	853	1053
-2.5°	167	223	276	331	391	454	525	606	711	859	1058
-5°	171	229	281	336	396	457	528	609	716	860	1061
-7.5°	174	233	285	339	400	461	530	611	718	859	1059
-10°	176	235	287	343	403	464	531	610	715	849	1042
-12.5°	179	236	289	344	404	465	529	605	705	833	1009
-15°	181	236	289	343	404	464	524	596	689	812	965
-17.5°	182	235	288	341	401	461	518	587	674	789	935
-20°	182	234	285	336	396	456	513	579	660	762	893

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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°	181	232	281	331	388	447	505	568	643	728	846
-25°	178	229	277	326	380	437	495	552	624	706	806
-27.5°	173	225	272	320	371	425	481	539	603	678	765
-30°	167	218	266	313	363	413	466	522	581	651	729
-32.5°	159	211	257	304	353	402	449	503	560	620	691
-35°	152	201	248	293	342	389	434	482	537	593	653
-37.5°	147	191	237	280	327	374	416	461	511	566	620
-40°	141	181	226	268	310	357	399	439	484	537	589
-42.5°	135	174	215	256	296	338	381	420	462	511	560
-45°	129	165	203	243	283	320	361	401	442	485	532
-47.5°	122	157	193	228	267	306	341	380	422	462	503
-50°	114	147	180	214	250	289	325	358	396	437	477
-52.5°	105	136	167	198	231	268	305	340	372	407	446
-55°	95	124	153	182	212	245	281	316	350	382	415
-57.5°	86	110	138	166	193	222	256	289	322	355	387
-60°	77	97	121	148	176	202	230	262	293	324	354
-62.5°	68	86	106	129	155	181	207	235	263	289	316
-65°	60	74	92	112	133	156	181	207	233	254	274
-67.5°	51	64	78	94	113	132	152	174	198	218	236
-70°	44	53	65	78	93	109	127	145	163	180	198
-72.5°	37	45	53	62	75	90	104	118	133	148	163
-75°	30	36	43	51	60	71	83	96	108	120	132
-77.5°	23	29	35	40	47	55	65	75	85	95	105
-80°	17	21	26	31	36	41	47	54	61	69	77
-82.5°	11	15	18	22	25	28	31	35	41	46	52
-85°	6	8	10	13	15	16	18	20	23	26	30
-87.5°	3	4	5	6	7	7	7	8	9	10	12
-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	2	4	6	6	7	7	7	7	7	7
60°	14	13	20	25	24	19	27	30	29	25	25
57.5°	38	47	54	57	64	75	79	77	78	82	92
55°	66	73	79	90	101	111	119	125	131	138	146
52.5°	90	103	111	123	137	146	150	165	178	188	195
50°	128	141	156	171	185	197	208	223	241	260	271
47.5°	169	185	204	225	241	254	267	288	312	334	348
45°	206	225	248	269	287	304	325	351	375	398	414
42.5°	240	261	285	310	325	352	382	408	438	466	488
40°	278	300	335	360	381	410	453	490	527	561	583
37.5°	325	361	399	429	458	493	553	611	657	703	736
35°	380	423	471	504	547	613	687	767	848	912	970
32.5°	433	481	529	582	647	741	834	963	1082	1204	1319
30°	481	534	593	661	767	898	1048	1245	1459	1672	1915
27.5°	531	590	660	767	928	1106	1385	1695	2137	2493	3066
25°	585	652	746	919	1141	1454	1941	2494	3408	4190	5071
22.5°	651	753	888	1103	1474	2038	2795	4000	5405	6709	7953
20°	733	871	1100	1444	1976	2844	4278	6106	8059	9968	11814
17.5°	840	1059	1388	1877	2630	4455	6589	9202	12546	15058	17439
15°	938	1215	1712	2504	3921	6271	9253	13253	17755	21541	25823
12.5°	1054	1389	1987	3015	5041	8146	11947	16718	22047	27793	34500
10°	1155	1567	2337	3751	6209	9822	14082	19683	26526	34657	43134
7.5°	1233	1715	2629	4303	7193	11198	16279	23090	31758	41261	50928
5°	1293	1830	2858	4735	8029	12314	17883	25787	35666	46573	56187
2.5°	1341	1911	3010	5002	8595	13077	18979	27220	38058	50042	60136
0°	1377	1960	3095	5190	8858	13438	19487	27799	39178	51741	62122
-2.5°	1390	1986	3099	5125	8698	13416	19368	27444	38405	51066	61700
-5°	1395	1973	3021	4989	8414	12934	18593	26096	36044	47920	58697
-7.5°	1384	1920	2862	4655	7778	12085	17510	24095	32250	42721	53859
-10°	1347	1828	2648	4201	6902	10759	15824	21388	27902	36450	45477
-12.5°	1280	1691	2352	3522	5871	9259	13744	18663	23740	29357	36781
-15°	1199	1549	2110	3110	4916	7683	11315	15469	19683	23984	28513
-17.5°	1138	1427	1862	2560	3774	6012	8916	12254	15673	19089	22139
-20°	1060	1281	1620	2163	3045	4369	6553	9151	11705	14491	16829

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REPORT NUMBER: P627614 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5C-727-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°	990	1178	1432	1774	2367	3299	4545	6373	8314	10337	12257
-25°	925	1067	1268	1543	1897	2452	3274	4230	5593	6837	8262
-27.5°	869	988	1126	1329	1597	1901	2405	2963	3678	4271	5222
-30°	816	911	1024	1155	1352	1583	1854	2192	2542	2892	3348
-32.5°	766	846	935	1040	1162	1335	1504	1721	1912	2123	2340
-35°	717	788	861	945	1039	1153	1279	1423	1550	1677	1791
-37.5°	675	734	798	864	940	1019	1118	1219	1305	1388	1458
-40°	640	689	742	797	857	921	999	1073	1131	1184	1229
-42.5°	607	651	692	739	789	848	908	965	1005	1042	1071
-45°	577	614	652	690	731	783	834	879	910	938	959
-47.5°	543	578	612	647	687	727	769	802	829	853	869
-50°	511	545	576	605	640	677	712	741	765	786	797
-52.5°	480	512	543	573	602	630	658	685	710	731	739
-55°	449	481	509	537	565	592	617	640	662	683	690
-57.5°	419	451	481	504	527	552	576	599	620	639	646
-60°	385	417	443	466	488	511	532	553	574	592	600
-62.5°	344	374	397	419	440	460	479	498	516	532	540
-65°	296	321	345	366	385	403	421	438	453	465	472
-67.5°	255	273	293	312	331	349	365	380	394	404	410
-70°	215	232	249	266	283	299	313	326	339	348	354
-72.5°	178	193	209	224	239	252	264	276	287	295	301
-75°	145	157	171	184	197	208	217	227	236	243	248
-77.5°	115	125	134	144	154	163	171	178	185	191	196
-80°	85	93	100	108	115	121	127	133	139	144	148
-82.5°	58	63	69	75	81	84	88	90	93	97	101
-85°	33	37	41	44	48	50	52	55	57	59	61
-87.5°	13	15	16	18	20	20	20	21	21	22	24
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627614 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-727-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	5	5	5	5	5	7	7	7	7	7
60°	23	22	21	22	21	22	23	25	25	29	30
57.5°	101	108	112	113	112	108	101	92	82	78	77
55°	153	158	159	157	159	158	153	146	138	131	125
52.5°	198	199	197	194	197	199	198	195	188	178	165
50°	275	274	274	275	274	274	275	271	260	241	223
47.5°	353	357	358	357	358	357	353	348	334	312	288
45°	422	427	429	427	429	427	422	414	398	375	351
42.5°	496	499	501	502	501	499	496	488	466	438	408
40°	593	597	596	594	596	597	593	583	561	527	490
37.5°	758	769	774	789	774	769	758	736	703	657	611
35°	1014	1042	1057	1080	1057	1042	1014	970	912	848	767
32.5°	1401	1458	1488	1518	1488	1458	1401	1319	1204	1082	963
30°	2083	2194	2240	2322	2240	2194	2083	1915	1672	1459	1245
27.5°	3487	3751	3855	4072	3855	3751	3487	3066	2493	2137	1695
25°	5873	6443	6757	7005	6757	6443	5873	5071	4190	3408	2494
22.5°	9208	10043	10489	10818	10489	10043	9208	7953	6709	5405	4000
20°	13487	14588	15245	15722	15245	14588	13487	11814	9968	8059	6106
17.5°	20497	22228	23240	24110	23240	22228	20497	17439	15058	12546	9202
15°	30600	34078	36782	38287	36782	34078	30600	25823	21541	17755	13253
12.5°	40429	45523	48550	49943	48550	45523	40429	34500	27793	22047	16718
10°	50149	54953	57832	58341	57832	54953	50149	43134	34657	26526	19683
7.5°	57590	62873	66700	68090	66700	62873	57590	50928	41261	31758	23090
5°	64162	70348	74398	74911	74398	70348	64162	56187	46573	35666	25787
2.5°	68997	75722	79648	80998	79648	75722	68997	60136	50042	38058	27220
0°	71336	78578	82948	84914	82948	78578	71336	62122	51741	39178	27799
-2.5°	70844	78335	83212	85778	83212	78335	70844	61700	51066	38405	27444
-5°	68150	75663	80210	82937	80210	75663	68150	58697	47920	36044	26096
-7.5°	61938	68964	73805	76321	73805	68964	61938	53859	42721	32250	24095
-10°	53934	59880	64293	66437	64293	59880	53934	45477	36450	27902	21388
-12.5°	43533	49301	53282	54798	53282	49301	43533	36781	29357	23740	18663
-15°	33354	37756	40584	41479	40584	37756	33354	28513	23984	19683	15469
-17.5°	25294	27664	29255	29684	29255	27664	25294	22139	19089	15673	12254
-20°	18950	20419	21451	21696	21451	20419	18950	16829	14491	11705	9151

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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	13808	14912	15745	15911	15745	14912	13808	12257	10337	8314	6373
-25°	9524	10448	11013	11056	11013	10448	9524	8262	6837	5593	4230
-27.5°	5971	6478	6740	6832	6740	6478	5971	5222	4271	3678	2963
-30°	3690	3924	4047	4051	4047	3924	3690	3348	2892	2542	2192
-32.5°	2505	2618	2679	2679	2679	2618	2505	2340	2123	1912	1721
-35°	1876	1935	1968	1971	1968	1935	1876	1791	1677	1550	1423
-37.5°	1509	1541	1558	1561	1558	1541	1509	1458	1388	1305	1219
-40°	1262	1284	1298	1307	1298	1284	1262	1229	1184	1131	1073
-42.5°	1091	1106	1112	1107	1112	1106	1091	1071	1042	1005	965
-45°	972	981	986	988	986	981	972	959	938	910	879
-47.5°	877	882	884	886	884	882	877	869	853	829	802
-50°	802	806	807	805	807	806	802	797	786	765	741
-52.5°	742	743	744	745	744	743	742	739	731	710	685
-55°	693	695	696	697	696	695	693	690	683	662	640
-57.5°	651	656	656	654	656	656	651	646	639	620	599
-60°	607	612	615	616	615	612	607	600	592	574	553
-62.5°	547	553	556	556	556	553	547	540	532	516	498
-65°	478	483	490	497	490	483	478	472	465	453	438
-67.5°	415	419	426	432	426	419	415	410	404	394	380
-70°	360	365	367	367	367	365	360	354	348	339	326
-72.5°	307	312	313	313	313	312	307	301	295	287	276
-75°	253	258	259	259	259	258	253	248	243	236	227
-77.5°	200	204	205	205	205	204	200	196	191	185	178
-80°	152	156	154	151	154	156	152	148	144	139	133
-82.5°	104	107	105	103	105	107	104	101	97	93	90
-85°	63	65	62	59	62	65	63	61	59	57	55
-87.5°	25	27	24	22	24	27	25	24	22	21	21
-90°	0	0	0	0	0	0	0	0	0	0	0

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**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°	7	7	6	6	4	2	2	2	1	0	1
60°	27	19	24	25	20	13	14	11	5	5	4
57.5°	79	75	64	57	54	47	38	30	25	17	10
55°	119	111	101	90	79	73	66	57	47	36	27
52.5°	150	146	137	123	111	103	90	81	72	61	47
50°	208	197	185	171	156	141	128	112	96	86	74
47.5°	267	254	241	225	204	185	169	151	129	109	97
45°	325	304	287	269	248	225	206	185	162	139	118
42.5°	382	352	325	310	285	261	240	219	195	169	146
40°	453	410	381	360	335	300	278	255	229	199	175
37.5°	553	493	458	429	399	361	325	297	266	234	205
35°	687	613	547	504	471	423	380	343	308	273	237
32.5°	834	741	647	582	529	481	433	391	348	310	273
30°	1048	898	767	661	593	534	481	433	387	345	308
27.5°	1385	1106	928	767	660	590	531	474	424	378	338
25°	1941	1454	1141	919	746	652	585	519	460	409	366
22.5°	2795	2038	1474	1103	888	753	651	566	497	447	398
20°	4278	2844	1976	1444	1100	871	733	628	550	486	431
17.5°	6589	4455	2630	1877	1388	1059	840	700	603	526	463
15°	9253	6271	3921	2504	1712	1215	938	770	659	569	496
12.5°	11947	8146	5041	3015	1987	1389	1054	852	715	606	522
10°	14082	9822	6209	3751	2337	1567	1155	914	753	636	545
7.5°	16279	11198	7193	4303	2629	1715	1233	963	785	661	565
5°	17883	12314	8029	4735	2858	1830	1293	1003	810	680	582
2.5°	18979	13077	8595	5002	3010	1911	1341	1033	834	694	592
0°	19487	13438	8858	5190	3095	1960	1377	1053	853	702	599
-2.5°	19368	13416	8698	5125	3099	1986	1390	1058	859	711	606
-5°	18593	12934	8414	4989	3021	1973	1395	1061	860	716	609
-7.5°	17510	12085	7778	4655	2862	1920	1384	1059	859	718	611
-10°	15824	10759	6902	4201	2648	1828	1347	1042	849	715	610
-12.5°	13744	9259	5871	3522	2352	1691	1280	1009	833	705	605
-15°	11315	7683	4916	3110	2110	1549	1199	965	812	689	596
-17.5°	8916	6012	3774	2560	1862	1427	1138	935	789	674	587
-20°	6553	4369	3045	2163	1620	1281	1060	893	762	660	579

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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4545	3299	2367	1774	1432	1178	990	846	728	643	568
-25°	3274	2452	1897	1543	1268	1067	925	806	706	624	552
-27.5°	2405	1901	1597	1329	1126	988	869	765	678	603	539
-30°	1854	1583	1352	1155	1024	911	816	729	651	581	522
-32.5°	1504	1335	1162	1040	935	846	766	691	620	560	503
-35°	1279	1153	1039	945	861	788	717	653	593	537	482
-37.5°	1118	1019	940	864	798	734	675	620	566	511	461
-40°	999	921	857	797	742	689	640	589	537	484	439
-42.5°	908	848	789	739	692	651	607	560	511	462	420
-45°	834	783	731	690	652	614	577	532	485	442	401
-47.5°	769	727	687	647	612	578	543	503	462	422	380
-50°	712	677	640	605	576	545	511	477	437	396	358
-52.5°	658	630	602	573	543	512	480	446	407	372	340
-55°	617	592	565	537	509	481	449	415	382	350	316
-57.5°	576	552	527	504	481	451	419	387	355	322	289
-60°	532	511	488	466	443	417	385	354	324	293	262
-62.5°	479	460	440	419	397	374	344	316	289	263	235
-65°	421	403	385	366	345	321	296	274	254	233	207
-67.5°	365	349	331	312	293	273	255	236	218	198	174
-70°	313	299	283	266	249	232	215	198	180	163	145
-72.5°	264	252	239	224	209	193	178	163	148	133	118
-75°	217	208	197	184	171	157	145	132	120	108	96
-77.5°	171	163	154	144	134	125	115	105	95	85	75
-80°	127	121	115	108	100	93	85	77	69	61	54
-82.5°	88	84	81	75	69	63	58	52	46	41	35
-85°	52	50	48	44	41	37	33	30	26	23	20
-87.5°	20	20	20	18	16	15	13	12	10	9	8
-90°	0	0	0	0	0	0	0	0	0	0	0



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**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	2	1	1	1	0	0	1	1	0	0
57.5°	9	6	4	3	3	1	1	2	2	1	0
55°	17	13	8	5	4	3	2	2	3	2	0
52.5°	34	23	16	8	5	5	4	3	4	4	2
50°	56	39	27	17	7	6	5	4	4	5	3
47.5°	82	60	41	28	16	8	7	5	4	5	4
45°	104	85	60	41	26	16	10	5	5	5	5
42.5°	126	107	83	54	39	24	14	9	5	5	5
40°	152	129	106	76	52	32	21	13	6	6	5
37.5°	179	153	126	97	66	45	28	18	8	7	5
35°	207	178	146	115	84	57	34	23	13	8	5
32.5°	234	202	167	133	100	70	43	29	18	10	5
30°	265	223	186	151	115	83	55	36	23	12	6
27.5°	294	244	204	168	130	96	67	43	27	15	7
25°	322	269	223	183	145	109	79	51	33	19	9
22.5°	348	294	240	197	162	122	90	60	39	23	11
20°	375	318	258	215	177	136	100	69	45	26	14
17.5°	402	341	282	235	192	149	111	78	51	30	16
15°	428	365	304	253	207	161	120	85	57	33	18
12.5°	451	386	324	270	221	172	129	92	63	36	21
10°	472	405	341	285	235	182	137	99	68	39	24
7.5°	489	421	356	299	247	192	145	105	74	42	26
5°	503	434	367	309	257	201	152	110	78	44	28
2.5°	512	443	376	318	264	209	157	115	83	47	31
0°	518	448	383	324	270	216	162	119	86	49	32
-2.5°	525	454	391	331	276	223	167	122	89	53	33
-5°	528	457	396	336	281	229	171	125	92	58	34
-7.5°	530	461	400	339	285	233	174	127	94	61	34
-10°	531	464	403	343	287	235	176	129	96	64	34
-12.5°	529	465	404	344	289	236	179	131	97	66	34
-15°	524	464	404	343	289	236	181	134	98	66	35
-17.5°	518	461	401	341	288	235	182	135	99	66	36
-20°	513	456	396	336	285	234	182	135	99	65	38

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CATALOG NUMBER: GFLD-SA5C-727-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°	505	447	388	331	281	232	181	133	97	63	39
-25°	495	437	380	326	277	229	178	130	95	62	40
-27.5°	481	425	371	320	272	225	173	127	93	60	40
-30°	466	413	363	313	266	218	167	123	89	59	40
-32.5°	449	402	353	304	257	211	159	118	86	59	40
-35°	434	389	342	293	248	201	152	112	83	58	39
-37.5°	416	374	327	280	237	191	147	109	79	57	38
-40°	399	357	310	268	226	181	141	106	77	55	37
-42.5°	381	338	296	256	215	174	135	102	74	53	36
-45°	361	320	283	243	203	165	129	97	71	51	34
-47.5°	341	306	267	228	193	157	122	92	67	49	33
-50°	325	289	250	214	180	147	114	86	63	46	31
-52.5°	305	268	231	198	167	136	105	79	59	43	28
-55°	281	245	212	182	153	124	95	73	55	39	26
-57.5°	256	222	193	166	138	110	86	66	50	36	24
-60°	230	202	176	148	121	97	77	60	45	32	22
-62.5°	207	181	155	129	106	86	68	53	40	29	19
-65°	181	156	133	112	92	74	60	46	35	26	17
-67.5°	152	132	113	94	78	64	51	41	31	22	16
-70°	127	109	93	78	65	53	44	35	26	19	14
-72.5°	104	90	75	62	53	45	37	30	22	17	12
-75°	83	71	60	51	43	36	30	24	18	13	10
-77.5°	65	55	47	40	35	29	23	17	14	11	9
-80°	47	41	36	31	26	21	17	13	10	8	7
-82.5°	31	28	25	22	18	15	11	8	7	6	5
-85°	18	16	15	13	10	8	6	5	4	4	3
-87.5°	7	7	7	6	5	4	3	2	2	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0

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**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	2	0	0	0	0	0
40°	4	3	0	0	0	0	0
37.5°	5	4	1	0	0	0	0
35°	5	4	1	0	0	0	0
32.5°	5	5	2	0	0	0	0
30°	5	5	2	0	0	0	0
27.5°	5	5	3	0	0	0	0
25°	5	5	3	0	0	0	0
22.5°	5	5	4	0	0	0	0
20°	5	5	4	0	0	0	0
17.5°	6	5	4	0	0	0	0
15°	6	5	5	0	0	0	0
12.5°	7	5	5	0	0	0	0
10°	8	5	5	0	0	0	0
7.5°	8	5	5	0	0	0	0
5°	9	5	5	0	0	0	0
2.5°	10	5	5	0	0	0	0
0°	11	5	5	0	0	0	0
-2.5°	13	6	5	0	0	0	0
-5°	15	7	5	1	0	0	0
-7.5°	17	7	5	1	0	0	0
-10°	18	8	5	1	0	0	0
-12.5°	20	8	5	2	0	0	0
-15°	21	8	5	2	0	0	0
-17.5°	21	9	5	2	0	0	0
-20°	22	9	5	2	0	0	0

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**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)