

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: P627816 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-735-U-MWR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627816 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-16)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA6B-735-U-MWR-VSR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR  
Light Source: (96) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 26414.5 lumens  
Efficiency: N/A  
Efficacy: 138.6 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 4H x 5V  
Max Intensity: 37006.5 candela  
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V  
Beam Lumens: 17692.4 lumens  
Beam Efficiency: 67.0%

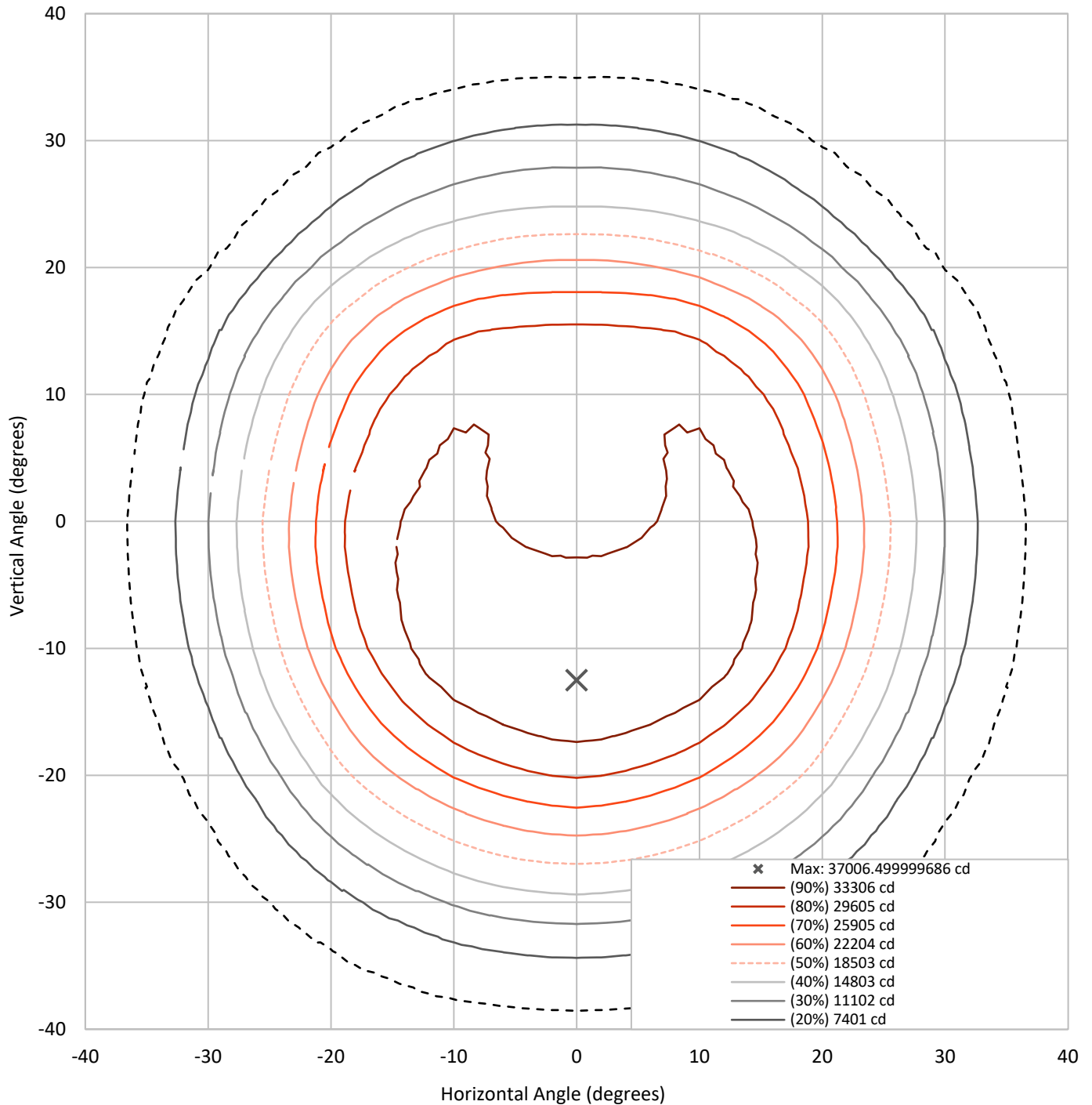
Field Angle (10%): 69.9°H x 73.3°V  
Field Lumens: 23808.7 lumens  
Field Efficiency: 90.1%

Input Watts (W): 190.6  
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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CATALOG NUMBER: GFLD-SA6B-735-U-MWR-VSR-XX

### Iso-Candela Plot





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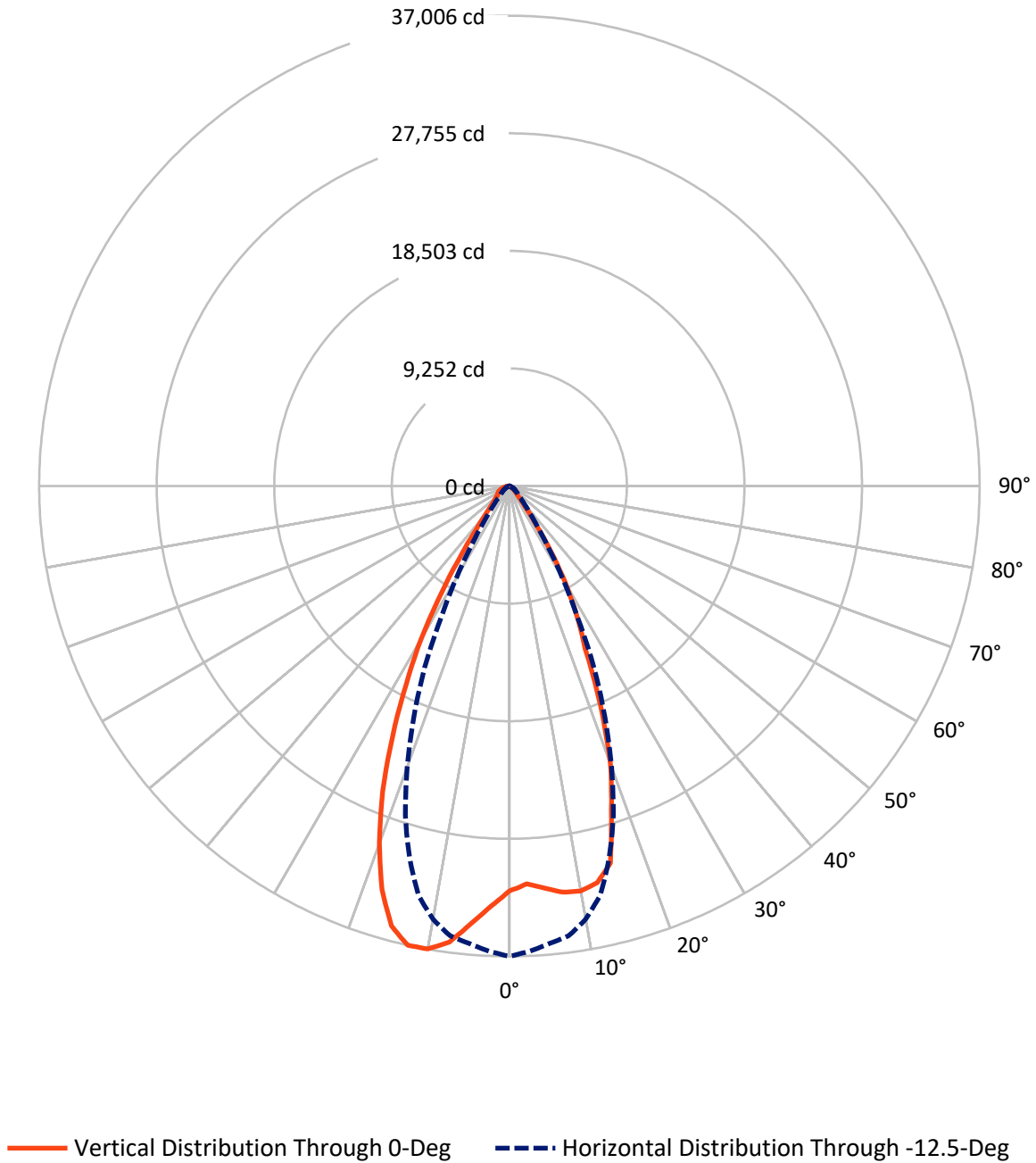
CATALOG NUMBER: GFLD-SA6B-735-U-MWR-VSR-XX

### 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	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1				
50		0.1	0.2	0.9	2.2	3.6	5.0	5.9	5.9	5.0	3.6	2.2	0.9	0.2		0.1			
40	0.1	0.2	1.0	3.7	7.4	12.1	18.1	22.2	22.2	18.1	12.1	7.4	3.7	1.0	0.2	0.1			
30		0.5	2.9	7.7	15.9	34.3	78.0	119.1	119.1	78.0	34.3	15.9	7.7	2.9	0.5				
20	0.3	1.1	4.9	12.3	33.1	122.8	316.2	442.0	442.0	316.2	122.8	33.1	12.3	4.9	1.1	0.3			
10		1.7	6.9	19.1	78.9	341.0	711.4	880.8	880.8	711.4	341.0	78.9	19.1	6.9	1.7				
0	0.5	2.3	8.5	24.6	125.6	502.1	917.2	994.3	994.3	917.2	502.1	125.6	24.6	8.5	2.3	0.5			
-10		2.7	9.4	26.3	131.4	518.6	950.2	1055.4	1055.4	950.2	518.6	131.4	26.3	9.4	2.7				
-20	0.7	2.9	9.5	23.9	94.0	386.1	801.6	1023.5	1023.5	801.6	386.1	94.0	23.9	9.5	2.9	0.7			
-30		2.8	9.1	19.9	52.6	187.3	446.7	628.5	628.5	446.7	187.3	52.6	19.9	9.1	2.8				
-40	0.7	2.4	8.1	16.5	31.4	66.7	139.6	207.1	207.1	139.6	66.7	31.4	16.5	8.1	2.4	0.7			
-50		2.1	6.8	13.8	22.9	33.8	47.6	56.4	56.4	47.6	33.8	22.9	13.8	6.8	2.1				
-60	0.5	1.6	5.1	10.8	18.0	24.9	31.1	34.1	34.1	31.1	24.9	18.0	10.8	5.1	1.6	0.5			
-70		1.1	3.3	7.4	12.6	17.8	22.6	25.2	25.2	22.6	17.8	12.6	7.4	3.3	1.1				
-80	0.2	2.9	13.3	28.3	36.3	28.3	13.3	2.9	0.2										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

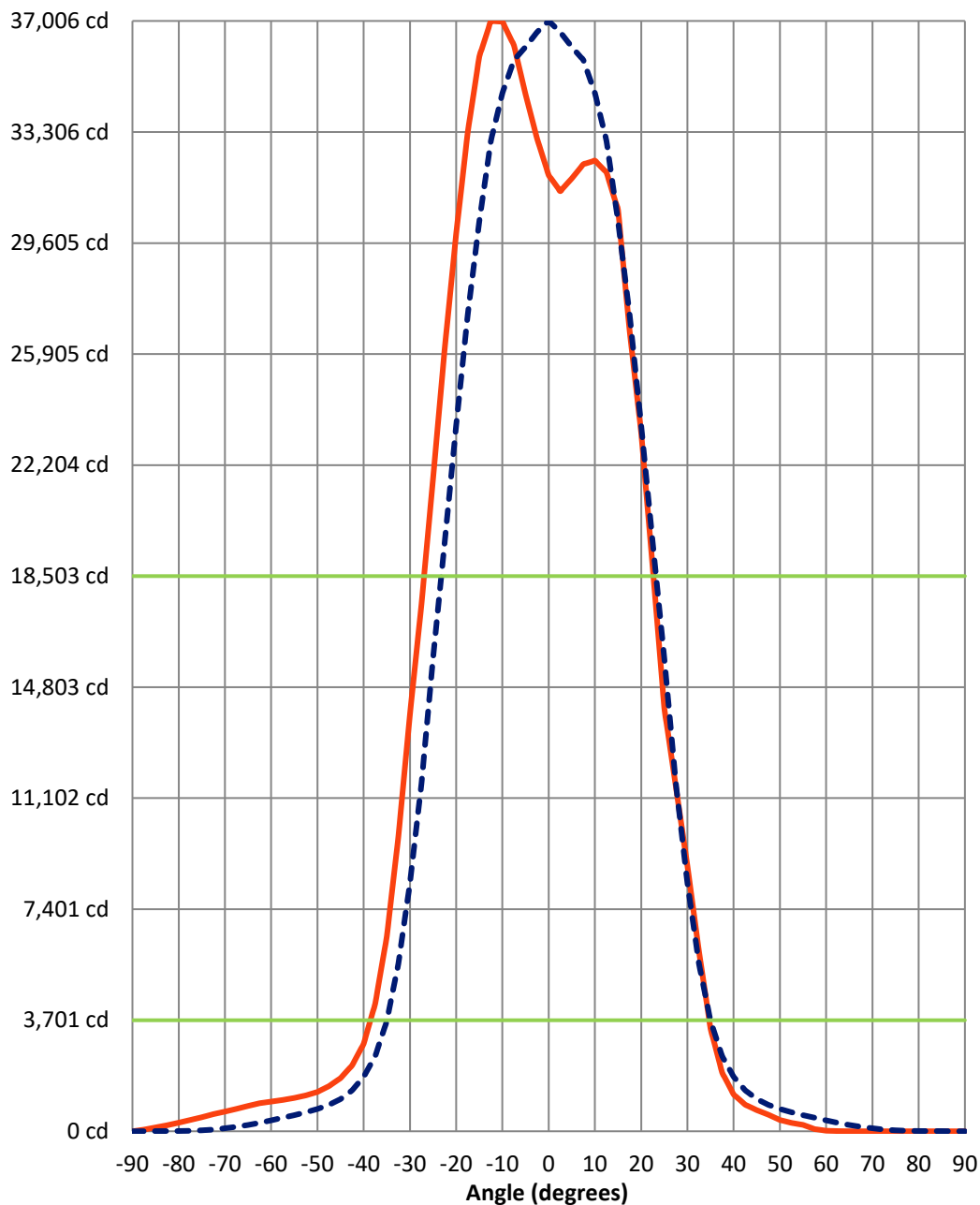
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 46.4°  
 V Angle: 49.6°  
 Lumens: 17692.4  
 Efficiency: 67.0%

**Field:**  
 H Angle: 69.9°  
 V Angle: 73.3°  
 Lumens: 23808.7  
 Efficiency: 90.1%

**Spill:**  
 Lumens: 2605.9  
 Efficiency: 9.9%

— Vertical Distribution through 0-Deg  
 - - Horizontal Distribution through -12.5-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	1	0	0	0	0	0
72.5°	0	0	0	0	1	1	0	0	0	0	0
70°	0	0	0	0	1	1	1	0	0	0	0
67.5°	0	0	0	1	2	2	1	0	0	1	1
65°	0	0	0	1	2	2	1	0	1	2	2
62.5°	0	0	0	2	3	2	1	1	3	3	4
60°	0	0	0	3	4	3	1	3	4	4	6
57.5°	0	0	0	3	4	3	2	4	5	5	6
55°	0	0	1	4	4	3	3	6	6	6	6
52.5°	0	0	1	5	4	3	5	6	6	6	6
50°	0	0	2	5	4	4	5	6	6	6	7
47.5°	0	0	2	6	5	4	6	7	6	6	8
45°	0	0	3	6	5	5	7	7	6	8	10
42.5°	0	0	3	6	5	5	7	8	7	9	12
40°	0	0	3	6	5	6	8	8	8	11	14
37.5°	0	0	4	6	6	6	9	9	10	14	17
35°	0	0	4	6	6	6	9	9	12	17	23
32.5°	0	0	4	6	6	7	10	9	14	21	36
30°	0	0	4	6	6	8	11	10	17	27	49
27.5°	0	0	5	6	6	8	11	12	20	32	60
25°	0	0	5	6	6	9	11	14	24	41	70
22.5°	0	0	5	6	6	10	12	16	29	50	83
20°	0	0	5	6	6	10	12	18	34	58	96
17.5°	0	0	6	6	6	11	12	20	40	65	109
15°	0	0	6	6	6	11	13	23	45	72	122
12.5°	0	0	6	6	6	11	14	27	50	78	135
10°	0	0	6	6	6	12	15	31	55	87	148
7.5°	0	0	6	6	6	12	16	36	58	98	157
5°	0	0	6	6	6	12	16	40	62	108	165
2.5°	0	0	6	6	6	12	17	44	64	118	171
0°	0	0	6	6	6	12	18	48	67	127	176
-2.5°	0	0	6	6	7	13	21	50	75	133	185
-5°	0	0	6	6	7	13	24	52	83	138	194
-7.5°	0	0	6	6	8	14	27	53	90	142	200
-10°	0	1	6	6	8	14	30	54	96	146	206
-12.5°	0	1	6	6	8	15	32	54	100	149	209
-15°	0	1	6	6	9	15	33	55	102	150	211
-17.5°	0	1	6	6	9	15	34	57	101	151	211
-20°	0	1	6	6	9	16	35	59	100	150	209

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CATALOG NUMBER: GFLD-SA6B-735-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0	1	6	6	9	16	35	61	98	148	204
-25°	0	1	5	6	9	17	35	61	96	145	196
-27.5°	0	1	5	6	9	18	34	61	94	141	191
-30°	0	1	5	6	9	19	34	60	93	137	185
-32.5°	0	1	5	6	9	19	33	59	91	133	178
-35°	0	1	5	6	10	20	33	58	89	129	169
-37.5°	0	1	5	6	10	20	33	56	85	124	167
-40°	0	2	5	6	10	20	33	54	80	119	164
-42.5°	0	2	5	6	10	20	33	51	76	113	159
-45°	0	2	5	7	11	20	32	49	73	106	151
-47.5°	0	2	5	7	11	20	31	48	69	98	142
-50°	0	2	5	7	11	19	30	46	66	94	131
-52.5°	0	1	5	7	11	18	30	43	63	89	119
-55°	0	1	5	7	11	18	28	41	60	83	112
-57.5°	0	1	5	7	11	17	27	39	56	78	104
-60°	0	1	5	7	11	17	25	37	52	72	96
-62.5°	0	1	5	7	10	16	24	34	48	66	88
-65°	0	1	5	7	10	15	22	32	44	60	79
-67.5°	0	1	4	7	10	14	20	28	39	53	70
-70°	0	1	4	7	10	13	17	25	34	46	60
-72.5°	0	1	3	7	9	12	16	21	29	39	50
-75°	0	1	3	6	9	12	15	19	24	32	41
-77.5°	0	1	3	5	8	11	14	17	21	26	32
-80°	0	1	2	4	6	9	12	15	18	22	26
-82.5°	0	0	2	3	5	7	9	12	15	18	21
-85°	0	0	1	2	3	5	6	8	10	13	15
-87.5°	0	0	1	1	2	2	3	4	5	6	8
-90°	0	0	0	0	0	0	0	0	0	0	0





REPORT NUMBER: P627816 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-735-U-MWR-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	1	1	0	0	0	0	0	0	0
67.5°	0	2	2	1	0	0	0	0	0	0	0
65°	3	4	3	2	0	1	2	2	0	0	0
62.5°	6	5	3	3	3	5	4	2	1	1	2
60°	6	5	4	5	6	5	4	4	5	6	14
57.5°	6	6	6	7	7	6	8	9	22	36	40
55°	6	6	7	8	9	11	16	34	51	63	68
52.5°	7	7	9	11	14	23	42	62	78	90	107
50°	8	10	12	17	27	47	71	93	114	133	156
47.5°	10	13	18	27	49	76	104	132	157	184	217
45°	13	20	26	47	75	109	143	175	200	232	262
42.5°	15	30	44	67	106	147	186	212	240	275	314
40°	25	42	64	98	140	188	223	251	281	329	377
37.5°	37	58	85	129	180	227	260	294	338	393	450
35°	51	74	113	162	219	262	300	342	402	466	534
32.5°	65	89	140	197	250	296	338	401	464	534	627
30°	78	113	168	229	279	327	387	456	519	605	714
27.5°	92	136	196	255	307	357	435	502	574	672	803
25°	108	161	221	280	333	396	482	554	627	752	928
22.5°	127	184	247	302	357	438	530	618	715	840	1057
20°	147	206	270	329	382	478	580	689	821	994	1278
17.5°	165	227	292	356	423	520	635	764	928	1143	1561
15°	182	245	313	383	461	564	690	848	1046	1315	1834
12.5°	198	261	334	409	495	603	738	911	1144	1531	2183
10°	212	275	354	435	524	638	780	963	1224	1686	2444
7.5°	223	290	373	459	550	668	816	1005	1295	1807	2647
5°	233	308	389	477	570	693	846	1039	1354	1896	2804
2.5°	242	325	402	492	584	713	869	1070	1412	1970	2937
0°	249	340	413	504	595	728	886	1092	1456	2020	3040
-2.5°	257	347	427	513	612	739	894	1109	1471	2028	3019
-5°	265	353	439	520	625	745	896	1115	1469	2012	2957
-7.5°	270	356	447	526	632	748	897	1111	1454	1978	2856
-10°	275	360	450	533	634	748	892	1097	1419	1913	2704
-12.5°	281	364	451	536	634	743	881	1073	1365	1815	2508
-15°	284	366	450	536	631	735	862	1039	1292	1685	2266
-17.5°	286	366	449	531	625	723	836	998	1225	1570	2093
-20°	286	365	446	522	618	711	819	966	1169	1461	1882

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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°	283	362	442	515	606	698	799	927	1098	1337	1677
-25°	277	358	437	510	593	683	773	885	1034	1246	1529
-27.5°	267	351	428	502	578	666	750	852	983	1145	1372
-30°	254	340	416	491	566	647	728	815	929	1071	1253
-32.5°	241	329	403	476	551	628	705	785	883	1001	1143
-35°	232	314	390	459	533	608	681	756	836	941	1063
-37.5°	226	299	376	441	511	584	655	726	800	883	993
-40°	219	284	360	425	489	559	628	695	764	846	931
-42.5°	210	273	343	410	469	535	600	665	734	809	889
-45°	201	260	326	388	449	510	573	634	701	773	846
-47.5°	189	246	308	364	423	484	545	606	665	732	803
-50°	176	229	286	339	393	453	514	575	633	689	752
-52.5°	162	209	263	316	364	415	478	539	597	654	708
-55°	146	191	240	291	340	384	438	500	558	613	669
-57.5°	134	171	216	265	313	359	409	461	518	572	626
-60°	123	154	192	237	285	330	378	428	479	531	579
-62.5°	112	138	170	207	251	297	342	388	437	481	525
-65°	101	122	149	180	215	256	300	344	388	427	465
-67.5°	89	108	129	153	183	218	253	293	334	372	408
-70°	77	93	112	132	154	183	215	247	279	313	348
-72.5°	64	79	94	110	131	155	180	205	234	263	293
-75°	52	64	77	92	108	127	148	171	193	216	241
-77.5°	41	51	62	73	86	101	117	135	153	172	190
-80°	32	39	47	56	66	77	88	100	114	129	145
-82.5°	25	30	35	41	48	55	63	71	82	93	104
-85°	18	21	24	28	32	36	40	45	52	59	66
-87.5°	9	11	12	14	16	18	19	21	25	28	31
-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	0	0	0	0	0	0
62.5°	2	2	2	2	1	1	3	4	4	4	5
60°	16	12	15	20	19	14	22	25	23	18	19
57.5°	42	46	52	61	68	72	77	84	88	91	94
55°	78	93	110	118	130	150	168	169	172	177	187
52.5°	125	143	151	166	192	208	216	230	245	260	273
50°	181	197	215	238	263	279	284	309	339	364	379
47.5°	238	259	292	333	354	372	397	429	463	499	527
45°	291	328	370	407	435	466	500	540	592	642	679
42.5°	351	393	435	478	509	561	620	667	743	809	851
40°	421	462	524	576	639	705	808	903	998	1109	1189
37.5°	505	569	656	739	834	931	1114	1302	1455	1670	1789
35°	607	705	828	952	1104	1339	1606	1968	2344	2658	2959
32.5°	724	850	1018	1241	1496	1873	2275	2941	3591	4240	4876
30°	838	1022	1280	1586	2005	2601	3359	4388	5504	6481	7365
27.5°	992	1252	1587	2045	2757	3631	5029	6459	7880	9148	10060
25°	1177	1526	1999	2758	3787	5236	7109	8863	10530	11774	12821
22.5°	1445	1968	2640	3606	5473	7488	9730	11936	13809	15376	16409
20°	1776	2483	3608	5358	7554	10075	12960	15280	17587	19350	20925
17.5°	2245	3371	4959	7182	9806	13168	16139	18727	21655	23457	25064
15°	2667	4113	6378	9214	12288	15852	19355	22525	25352	27332	29128
12.5°	3200	4903	7506	10842	14205	18172	21814	25208	27976	30014	31271
10°	3678	5712	8633	12122	15886	20031	23806	27338	30020	31595	32519
7.5°	4064	6385	9546	13217	17192	21363	25351	28856	31423	32741	33372
5°	4363	6884	10261	14115	18243	22512	26581	30013	32174	33264	33616
2.5°	4587	7231	10742	14707	18953	23360	27515	30897	32741	33527	33644
0°	4739	7475	11055	15078	19562	23664	28020	31455	33208	33839	33900
-2.5°	4703	7387	11041	14943	19492	23800	28101	31490	33367	34215	34352
-5°	4607	7179	10675	14561	18938	23252	27354	30933	33236	34516	35083
-7.5°	4423	6820	10049	13831	18040	22359	26541	30254	32904	34706	35816
-10°	4108	6295	9248	12906	17054	21169	25305	29158	32012	34181	35726
-12.5°	3679	5583	8271	11597	15766	19609	23524	27216	30331	33005	34603
-15°	3236	4842	7257	10299	13929	17713	21330	24953	28028	30529	32521
-17.5°	2920	4193	6081	8744	11931	15521	19050	22378	25153	27504	29594
-20°	2521	3466	4961	7200	10006	13144	16525	19487	21965	24169	26165

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REPORT NUMBER: P627816 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-735-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2203	2968	4048	5576	8097	10864	13630	16357	18686	20649	22353
-25°	1914	2451	3295	4538	6177	8567	10897	13200	15350	17175	18710
-27.5°	1687	2115	2677	3561	4806	6200	8242	10167	12016	13684	15131
-30°	1481	1801	2241	2795	3641	4677	5905	7344	8819	10136	11450
-32.5°	1333	1561	1864	2274	2748	3490	4232	5200	6134	7094	8038
-35°	1200	1384	1589	1864	2189	2622	3111	3702	4202	4830	5410
-37.5°	1109	1238	1395	1569	1801	2043	2374	2733	3043	3393	3687
-40°	1033	1135	1241	1358	1518	1681	1895	2097	2293	2506	2666
-42.5°	970	1051	1128	1218	1313	1444	1587	1713	1832	1958	2062
-45°	920	981	1043	1113	1185	1279	1381	1475	1553	1623	1679
-47.5°	867	921	976	1030	1091	1160	1227	1287	1351	1406	1445
-50°	814	868	917	964	1017	1071	1124	1172	1218	1258	1283
-52.5°	763	818	867	910	955	999	1043	1086	1126	1162	1179
-55°	724	775	824	863	901	938	977	1018	1056	1090	1101
-57.5°	681	733	780	816	851	885	921	958	994	1027	1037
-60°	631	686	728	761	797	834	868	902	935	963	975
-62.5°	573	622	660	693	725	755	792	828	863	892	909
-65°	503	545	582	616	647	676	711	744	775	800	818
-67.5°	442	475	506	535	566	596	628	659	688	710	725
-70°	381	412	441	469	495	522	548	574	599	618	633
-72.5°	322	349	374	398	423	446	469	491	513	529	543
-75°	266	289	310	331	352	370	388	405	422	436	449
-77.5°	210	228	247	264	282	297	310	324	336	348	360
-80°	160	174	187	201	214	225	236	246	256	265	274
-82.5°	115	124	133	142	151	158	166	173	180	187	194
-85°	73	78	83	88	93	97	102	107	111	115	119
-87.5°	35	37	39	42	44	46	48	51	53	55	57
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627816 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-735-U-MWR-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	0	0
62.5°	5	6	6	6	6	6	5	5	4	4	4
60°	19	18	18	18	18	18	19	19	18	23	25
57.5°	91	85	79	73	79	85	91	94	91	88	84
55°	198	209	214	212	214	209	198	187	177	172	169
52.5°	282	287	286	279	286	287	282	273	260	245	230
50°	385	386	382	376	382	386	385	379	364	339	309
47.5°	541	549	553	552	553	549	541	527	499	463	429
45°	694	702	705	704	705	702	694	679	642	592	540
42.5°	873	886	890	886	890	886	873	851	809	743	667
40°	1236	1252	1245	1226	1245	1252	1236	1189	1109	998	903
37.5°	1873	1934	1959	1960	1959	1934	1873	1789	1670	1455	1302
35°	3231	3447	3546	3422	3546	3447	3231	2959	2658	2344	1968
32.5°	5396	5779	5995	5995	5995	5779	5396	4876	4240	3591	2941
30°	8034	8514	8783	8840	8783	8514	8034	7365	6481	5504	4388
27.5°	10770	11266	11524	11486	11524	11266	10770	10060	9148	7880	6459
25°	13515	13891	14107	14113	14107	13891	13515	12821	11774	10530	8863
22.5°	17571	18361	18686	18773	18686	18361	17571	16409	15376	13809	11936
20°	21991	22758	23252	23282	23252	22758	21991	20925	19350	17587	15280
17.5°	26203	26584	26654	26685	26654	26584	26203	25064	23457	21655	18727
15°	30174	30307	30658	30702	30658	30307	30174	29128	27332	25352	22525
12.5°	32060	32182	32121	31958	32121	32182	32060	31271	30014	27976	25208
10°	33087	32915	32660	32353	32660	32915	33087	32519	31595	30020	27338
7.5°	33320	33129	32678	32231	32678	33129	33320	33372	32741	31423	28856
5°	33431	32871	32301	31758	32301	32871	33431	33616	33264	32174	30013
2.5°	33365	32699	31917	31333	31917	32699	33365	33644	33527	32741	30897
0°	33578	32905	32086	31867	32086	32905	33578	33900	33839	33208	31455
-2.5°	34171	33625	33197	33081	33197	33625	34171	34352	34215	33367	31490
-5°	35237	35117	34390	34561	34390	35117	35237	35083	34516	33236	30933
-7.5°	36268	36097	35789	36187	35789	36097	36268	35816	34706	32904	30254
-10°	36542	36485	36629	36982	36629	36485	36542	35726	34181	32012	29158
-12.5°	35702	36142	36635	37006	36635	36142	35702	34603	33005	30331	27216
-15°	33830	34730	35467	35817	35467	34730	33830	32521	30529	28028	24953
-17.5°	31073	32176	33050	33299	33050	32176	31073	29594	27504	25153	22378
-20°	27678	28801	29596	29913	29596	28801	27678	26165	24169	21965	19487

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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°	23858	24954	25675	26054	25675	24954	23858	22353	20649	18686	16357
-25°	19981	20944	21584	21752	21584	20944	19981	18710	17175	15350	13200
-27.5°	16274	17048	17520	17572	17520	17048	16274	15131	13684	12016	10167
-30°	12544	13263	13672	13889	13672	13263	12544	11450	10136	8819	7344
-32.5°	8810	9381	9726	9817	9726	9381	8810	8038	7094	6134	5200
-35°	5874	6229	6448	6492	6448	6229	5874	5410	4830	4202	3702
-37.5°	3927	4101	4207	4259	4207	4101	3927	3687	3393	3043	2733
-40°	2782	2864	2909	2919	2909	2864	2782	2666	2506	2293	2097
-42.5°	2128	2169	2191	2197	2191	2169	2128	2062	1958	1832	1713
-45°	1720	1748	1766	1772	1766	1748	1720	1679	1623	1553	1475
-47.5°	1471	1490	1501	1505	1501	1490	1471	1445	1406	1351	1287
-50°	1298	1308	1312	1311	1312	1308	1298	1283	1258	1218	1172
-52.5°	1189	1196	1198	1195	1198	1196	1189	1179	1162	1126	1086
-55°	1108	1113	1113	1110	1113	1113	1108	1101	1090	1056	1018
-57.5°	1046	1052	1050	1044	1050	1052	1046	1037	1027	994	958
-60°	984	991	992	989	992	991	984	975	963	935	902
-62.5°	923	935	937	934	937	935	923	909	892	863	828
-65°	835	849	849	843	849	849	835	818	800	775	744
-67.5°	737	748	749	746	749	748	737	725	710	688	659
-70°	646	658	658	655	658	658	646	633	618	599	574
-72.5°	556	567	570	570	570	567	556	543	529	513	491
-75°	460	471	470	467	470	471	460	449	436	422	405
-77.5°	370	380	379	376	379	380	370	360	348	336	324
-80°	282	290	288	285	288	290	282	274	265	256	246
-82.5°	200	205	203	200	203	205	200	194	187	180	173
-85°	123	127	127	127	127	127	123	119	115	111	107
-87.5°	59	60	58	55	58	60	59	57	55	53	51
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627816 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-735-U-MWR-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°	0	0	0	0	0	0	0	0	0	0	2
62.5°	3	1	1	2	2	2	2	2	1	1	2
60°	22	14	19	20	15	12	16	14	6	5	4
57.5°	77	72	68	61	52	46	42	40	36	22	9
55°	168	150	130	118	110	93	78	68	63	51	34
52.5°	216	208	192	166	151	143	125	107	90	78	62
50°	284	279	263	238	215	197	181	156	133	114	93
47.5°	397	372	354	333	292	259	238	217	184	157	132
45°	500	466	435	407	370	328	291	262	232	200	175
42.5°	620	561	509	478	435	393	351	314	275	240	212
40°	808	705	639	576	524	462	421	377	329	281	251
37.5°	1114	931	834	739	656	569	505	450	393	338	294
35°	1606	1339	1104	952	828	705	607	534	466	402	342
32.5°	2275	1873	1496	1241	1018	850	724	627	534	464	401
30°	3359	2601	2005	1586	1280	1022	838	714	605	519	456
27.5°	5029	3631	2757	2045	1587	1252	992	803	672	574	502
25°	7109	5236	3787	2758	1999	1526	1177	928	752	627	554
22.5°	9730	7488	5473	3606	2640	1968	1445	1057	840	715	618
20°	12960	10075	7554	5358	3608	2483	1776	1278	994	821	689
17.5°	16139	13168	9806	7182	4959	3371	2245	1561	1143	928	764
15°	19355	15852	12288	9214	6378	4113	2667	1834	1315	1046	848
12.5°	21814	18172	14205	10842	7506	4903	3200	2183	1531	1144	911
10°	23806	20031	15886	12122	8633	5712	3678	2444	1686	1224	963
7.5°	25351	21363	17192	13217	9546	6385	4064	2647	1807	1295	1005
5°	26581	22512	18243	14115	10261	6884	4363	2804	1896	1354	1039
2.5°	27515	23360	18953	14707	10742	7231	4587	2937	1970	1412	1070
0°	28020	23664	19562	15078	11055	7475	4739	3040	2020	1456	1092
-2.5°	28101	23800	19492	14943	11041	7387	4703	3019	2028	1471	1109
-5°	27354	23252	18938	14561	10675	7179	4607	2957	2012	1469	1115
-7.5°	26541	22359	18040	13831	10049	6820	4423	2856	1978	1454	1111
-10°	25305	21169	17054	12906	9248	6295	4108	2704	1913	1419	1097
-12.5°	23524	19609	15766	11597	8271	5583	3679	2508	1815	1365	1073
-15°	21330	17713	13929	10299	7257	4842	3236	2266	1685	1292	1039
-17.5°	19050	15521	11931	8744	6081	4193	2920	2093	1570	1225	998
-20°	16525	13144	10006	7200	4961	3466	2521	1882	1461	1169	966

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CATALOG NUMBER: GFLD-SA6B-735-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	13630	10864	8097	5576	4048	2968	2203	1677	1337	1098	927
-25°	10897	8567	6177	4538	3295	2451	1914	1529	1246	1034	885
-27.5°	8242	6200	4806	3561	2677	2115	1687	1372	1145	983	852
-30°	5905	4677	3641	2795	2241	1801	1481	1253	1071	929	815
-32.5°	4232	3490	2748	2274	1864	1561	1333	1143	1001	883	785
-35°	3111	2622	2189	1864	1589	1384	1200	1063	941	836	756
-37.5°	2374	2043	1801	1569	1395	1238	1109	993	883	800	726
-40°	1895	1681	1518	1358	1241	1135	1033	931	846	764	695
-42.5°	1587	1444	1313	1218	1128	1051	970	889	809	734	665
-45°	1381	1279	1185	1113	1043	981	920	846	773	701	634
-47.5°	1227	1160	1091	1030	976	921	867	803	732	665	606
-50°	1124	1071	1017	964	917	868	814	752	689	633	575
-52.5°	1043	999	955	910	867	818	763	708	654	597	539
-55°	977	938	901	863	824	775	724	669	613	558	500
-57.5°	921	885	851	816	780	733	681	626	572	518	461
-60°	868	834	797	761	728	686	631	579	531	479	428
-62.5°	792	755	725	693	660	622	573	525	481	437	388
-65°	711	676	647	616	582	545	503	465	427	388	344
-67.5°	628	596	566	535	506	475	442	408	372	334	293
-70°	548	522	495	469	441	412	381	348	313	279	247
-72.5°	469	446	423	398	374	349	322	293	263	234	205
-75°	388	370	352	331	310	289	266	241	216	193	171
-77.5°	310	297	282	264	247	228	210	190	172	153	135
-80°	236	225	214	201	187	174	160	145	129	114	100
-82.5°	166	158	151	142	133	124	115	104	93	82	71
-85°	102	97	93	88	83	78	73	66	59	52	45
-87.5°	48	46	44	42	39	37	35	31	28	25	21
-90°	0	0	0	0	0	0	0	0	0	0	0





REPORT NUMBER: P627816 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-735-U-MWR-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	1	1	0	0	0	0	0	0
67.5°	0	0	0	1	2	2	0	1	1	0	0
65°	2	1	0	2	3	4	3	2	2	1	0
62.5°	4	5	3	3	3	5	6	4	3	3	1
60°	4	5	6	5	4	5	6	6	4	4	3
57.5°	8	6	7	7	6	6	6	6	5	5	4
55°	16	11	9	8	7	6	6	6	6	6	6
52.5°	42	23	14	11	9	7	7	6	6	6	6
50°	71	47	27	17	12	10	8	7	6	6	6
47.5°	104	76	49	27	18	13	10	8	6	6	7
45°	143	109	75	47	26	20	13	10	8	6	7
42.5°	186	147	106	67	44	30	15	12	9	7	8
40°	223	188	140	98	64	42	25	14	11	8	8
37.5°	260	227	180	129	85	58	37	17	14	10	9
35°	300	262	219	162	113	74	51	23	17	12	9
32.5°	338	296	250	197	140	89	65	36	21	14	9
30°	387	327	279	229	168	113	78	49	27	17	10
27.5°	435	357	307	255	196	136	92	60	32	20	12
25°	482	396	333	280	221	161	108	70	41	24	14
22.5°	530	438	357	302	247	184	127	83	50	29	16
20°	580	478	382	329	270	206	147	96	58	34	18
17.5°	635	520	423	356	292	227	165	109	65	40	20
15°	690	564	461	383	313	245	182	122	72	45	23
12.5°	738	603	495	409	334	261	198	135	78	50	27
10°	780	638	524	435	354	275	212	148	87	55	31
7.5°	816	668	550	459	373	290	223	157	98	58	36
5°	846	693	570	477	389	308	233	165	108	62	40
2.5°	869	713	584	492	402	325	242	171	118	64	44
0°	886	728	595	504	413	340	249	176	127	67	48
-2.5°	894	739	612	513	427	347	257	185	133	75	50
-5°	896	745	625	520	439	353	265	194	138	83	52
-7.5°	897	748	632	526	447	356	270	200	142	90	53
-10°	892	748	634	533	450	360	275	206	146	96	54
-12.5°	881	743	634	536	451	364	281	209	149	100	54
-15°	862	735	631	536	450	366	284	211	150	102	55
-17.5°	836	723	625	531	449	366	286	211	151	101	57
-20°	819	711	618	522	446	365	286	209	150	100	59

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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°	799	698	606	515	442	362	283	204	148	98	61
-25°	773	683	593	510	437	358	277	196	145	96	61
-27.5°	750	666	578	502	428	351	267	191	141	94	61
-30°	728	647	566	491	416	340	254	185	137	93	60
-32.5°	705	628	551	476	403	329	241	178	133	91	59
-35°	681	608	533	459	390	314	232	169	129	89	58
-37.5°	655	584	511	441	376	299	226	167	124	85	56
-40°	628	559	489	425	360	284	219	164	119	80	54
-42.5°	600	535	469	410	343	273	210	159	113	76	51
-45°	573	510	449	388	326	260	201	151	106	73	49
-47.5°	545	484	423	364	308	246	189	142	98	69	48
-50°	514	453	393	339	286	229	176	131	94	66	46
-52.5°	478	415	364	316	263	209	162	119	89	63	43
-55°	438	384	340	291	240	191	146	112	83	60	41
-57.5°	409	359	313	265	216	171	134	104	78	56	39
-60°	378	330	285	237	192	154	123	96	72	52	37
-62.5°	342	297	251	207	170	138	112	88	66	48	34
-65°	300	256	215	180	149	122	101	79	60	44	32
-67.5°	253	218	183	153	129	108	89	70	53	39	28
-70°	215	183	154	132	112	93	77	60	46	34	25
-72.5°	180	155	131	110	94	79	64	50	39	29	21
-75°	148	127	108	92	77	64	52	41	32	24	19
-77.5°	117	101	86	73	62	51	41	32	26	21	17
-80°	88	77	66	56	47	39	32	26	22	18	15
-82.5°	63	55	48	41	35	30	25	21	18	15	12
-85°	40	36	32	28	24	21	18	15	13	10	8
-87.5°	19	18	16	14	12	11	9	8	6	5	4
-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	1	0	0	0	0	0
72.5°	0	1	1	0	0	0	0
70°	1	1	1	0	0	0	0
67.5°	1	2	2	1	0	0	0
65°	1	2	2	1	0	0	0
62.5°	1	2	3	2	0	0	0
60°	1	3	4	3	0	0	0
57.5°	2	3	4	3	0	0	0
55°	3	3	4	4	1	0	0
52.5°	5	3	4	5	1	0	0
50°	5	4	4	5	2	0	0
47.5°	6	4	5	6	2	0	0
45°	7	5	5	6	3	0	0
42.5°	7	5	5	6	3	0	0
40°	8	6	5	6	3	0	0
37.5°	9	6	6	6	4	0	0
35°	9	6	6	6	4	0	0
32.5°	10	7	6	6	4	0	0
30°	11	8	6	6	4	0	0
27.5°	11	8	6	6	5	0	0
25°	11	9	6	6	5	0	0
22.5°	12	10	6	6	5	0	0
20°	12	10	6	6	5	0	0
17.5°	12	11	6	6	6	0	0
15°	13	11	6	6	6	0	0
12.5°	14	11	6	6	6	0	0
10°	15	12	6	6	6	0	0
7.5°	16	12	6	6	6	0	0
5°	16	12	6	6	6	0	0
2.5°	17	12	6	6	6	0	0
0°	18	12	6	6	6	0	0
-2.5°	21	13	7	6	6	0	0
-5°	24	13	7	6	6	0	0
-7.5°	27	14	8	6	6	0	0
-10°	30	14	8	6	6	1	0
-12.5°	32	15	8	6	6	1	0
-15°	33	15	9	6	6	1	0
-17.5°	34	15	9	6	6	1	0
-20°	35	16	9	6	6	1	0

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**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)