

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: P627954 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-750-U-MR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627954 (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-SA6D-750-U-MR-VSR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR  
Light Source: (96) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

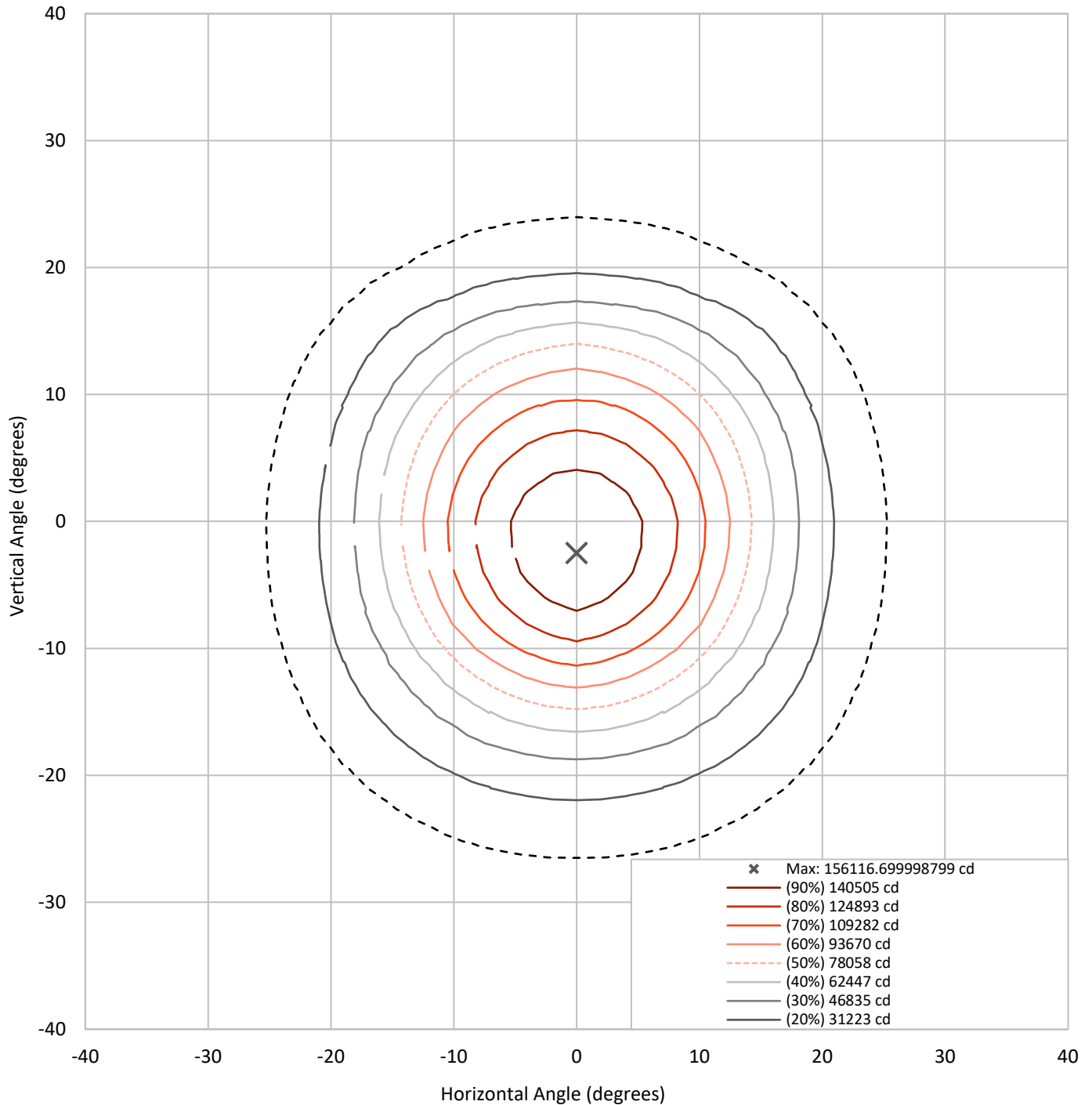
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	44278.1 lumens	Max Intensity:	156116.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -2.5°V
Efficacy:	135.9 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:	22139.5 lumens	Field Lumens:	38043.1 lumens
Beam Efficiency:	50.0%	Field Efficiency:	85.9%
Input Watts (W):	325.9		
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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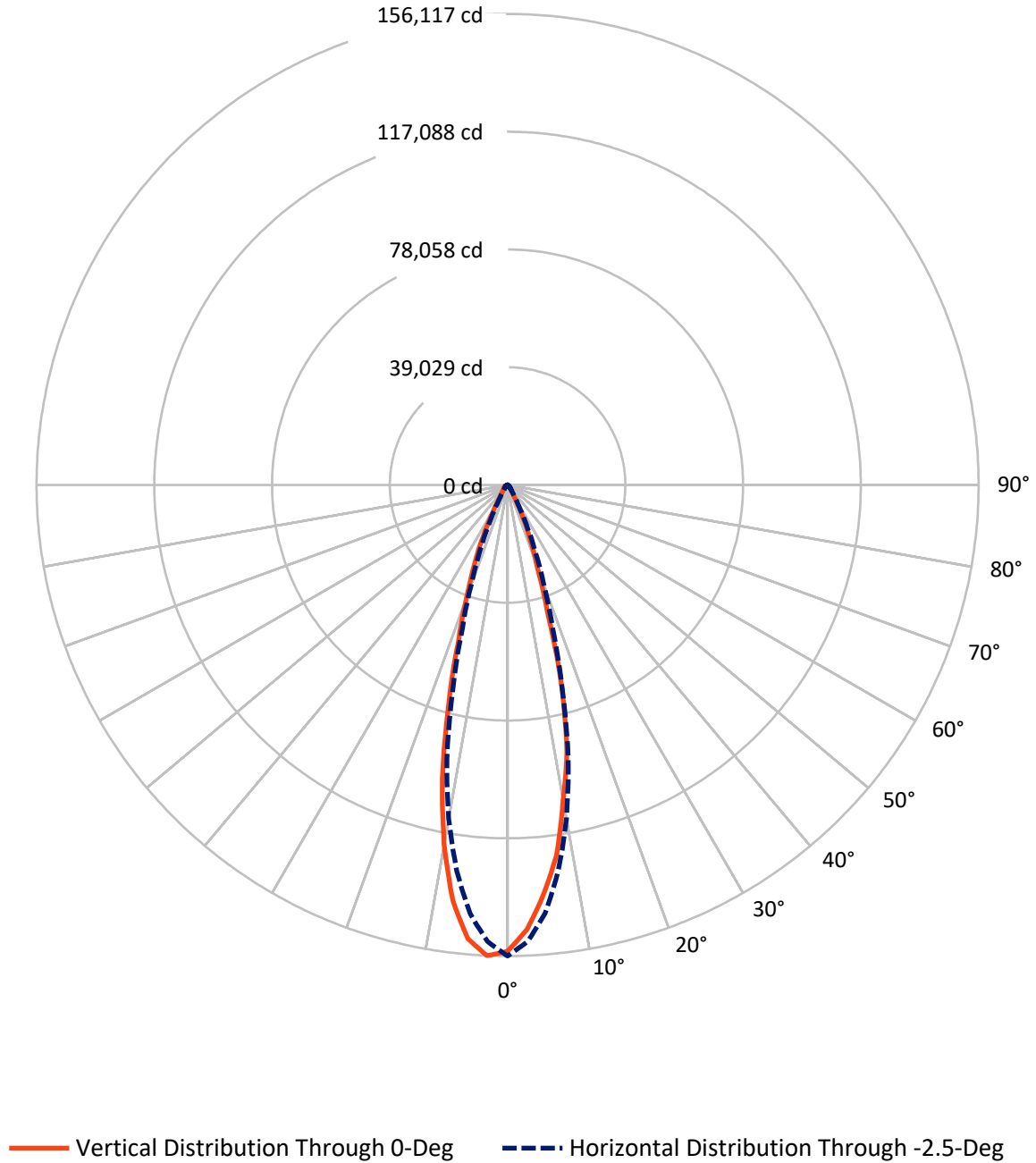
CATALOG NUMBER: GFLD-SA6D-750-U-MR-VSR-XX

### Lumen Table

90																			
80	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0					
70	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.2	0.2	0.3	0.2	0.1	0.0	0.0	0.0	0.0			
60		0.1	0.2	1.2	3.0	5.1	7.0	8.4	8.4	7.0	5.1	3.0	1.2	0.2	0.1				
50	0.1	0.2	1.5	4.8	9.3	14.3	20.1	23.6	23.6	20.1	14.3	9.3	4.8	1.5	0.2	0.1			
40		0.7	3.7	9.5	17.4	28.6	47.8	63.7	63.7	47.8	28.6	17.4	9.5	3.7	0.7				
30	0.3	1.4	6.0	14.5	27.5	66.9	210.1	385.4	385.4	210.1	66.9	27.5	14.5	6.0	1.4	0.3			
20		2.2	8.2	19.7	47.1	230.6	937.7	1836.0	1836.0	937.7	230.6	47.1	19.7	8.2	2.2				
10	0.6	2.8	10.0	23.4	67.6	439.5	1893.4	3711.1	3711.1	1893.4	439.5	67.6	23.4	10.0	2.8	0.6			
0		3.2	10.9	24.7	72.2	460.5	1942.8	3935.1	3935.1	1942.8	460.5	72.2	24.7	10.9	3.2				
-10	0.8	3.4	11.1	24.1	59.4	282.8	1074.3	2082.5	2082.5	1074.3	282.8	59.4	24.1	11.1	3.4	0.8			
-20		3.3	10.6	22.0	43.5	109.8	332.7	593.6	593.6	332.7	109.8	43.5	22.0	10.6	3.3				
-30	0.8	2.9	9.4	19.1	33.0	54.2	88.5	118.3	118.3	88.5	54.2	33.0	19.1	9.4	2.9	0.8			
-40		2.4	7.8	15.8	26.1	37.3	49.2	55.1	55.1	49.2	37.3	26.1	15.8	7.8	2.4				
-50	0.5	1.8	5.9	12.3	20.4	28.4	35.4	38.6	38.6	35.4	28.4	20.4	12.3	5.9	1.8	0.5			
-60		1.2	3.7	8.1	13.6	19.3	24.2	26.8	26.8	24.2	19.3	13.6	8.1	3.7	1.2				
-70	0.2															0.2			
-80		2.9		13.1		28.2		35.7		28.2		13.1		2.9					
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

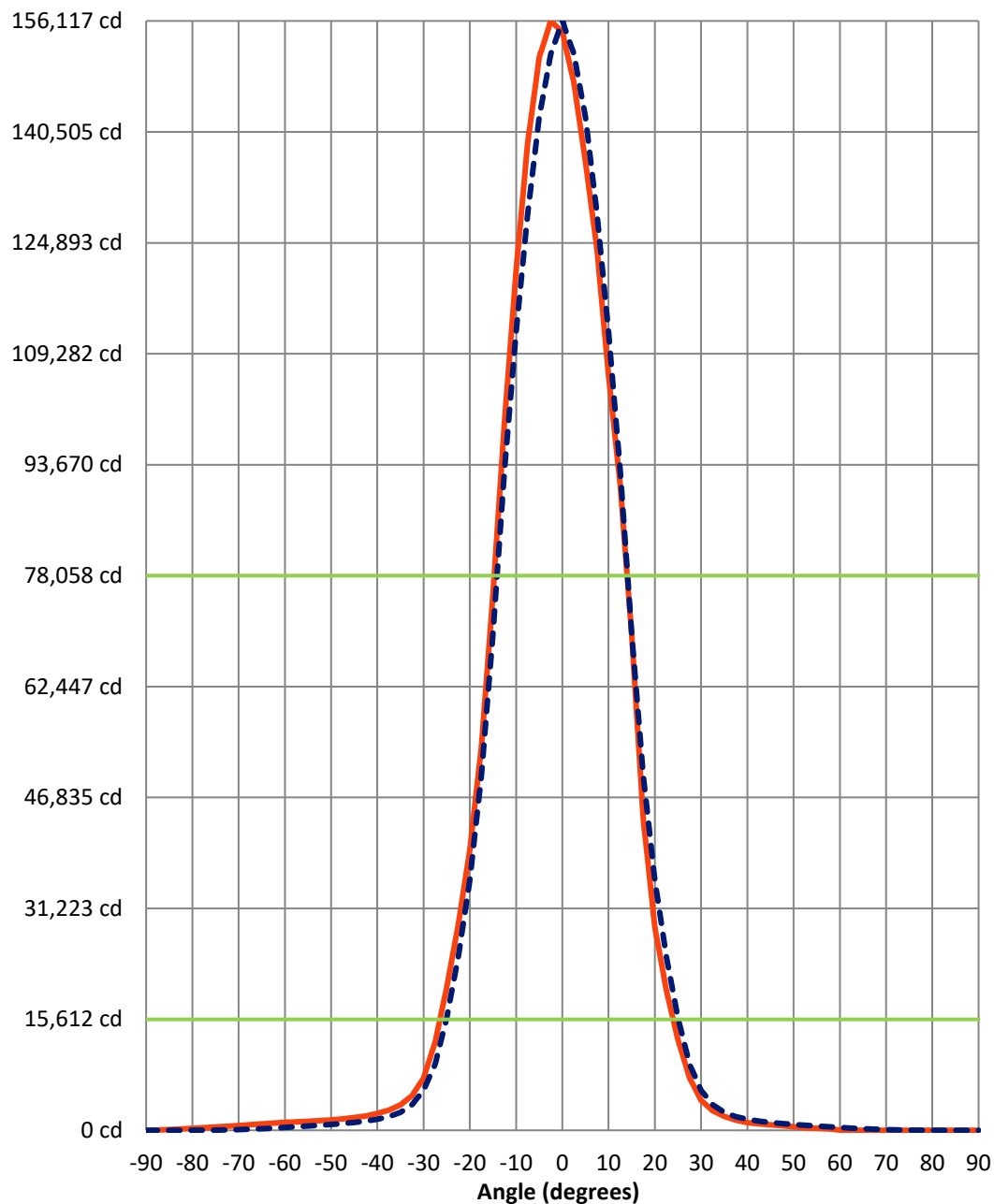
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.2°  
 V Angle: 28.7°  
 Lumens: 22139.5  
 Efficiency: 50.0%

**Field:**  
 H Angle: 50.2°  
 V Angle: 50.4°  
 Lumens: 38043.1  
 Efficiency: 85.9%

**Spill:**  
 Lumens: 6235  
 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	2	3
57.5°	0	0	0	0	0	0	0	0	2	4	3
55°	0	0	0	0	0	0	1	0	4	6	4
52.5°	0	0	0	0	0	0	2	3	7	7	5
50°	0	0	0	0	0	1	3	5	9	7	7
47.5°	0	0	0	0	0	2	4	7	10	8	8
45°	0	0	0	0	0	3	5	9	10	9	10
42.5°	0	0	0	0	0	4	7	10	10	10	16
40°	0	0	0	0	0	6	8	10	10	10	23
37.5°	0	0	0	0	1	7	9	10	12	14	32
35°	0	0	0	0	2	8	9	10	15	24	42
32.5°	0	0	0	0	3	8	10	10	18	33	53
30°	0	0	0	0	4	9	10	10	22	41	65
27.5°	0	0	0	0	5	9	10	14	28	50	78
25°	0	0	0	0	6	10	10	17	35	59	92
22.5°	0	0	0	0	7	10	10	21	42	70	110
20°	0	0	0	0	7	10	10	25	48	81	126
17.5°	0	0	0	0	8	10	10	29	54	92	142
15°	0	0	0	0	8	10	11	33	59	103	155
12.5°	0	0	0	0	9	10	13	38	65	114	168
10°	0	0	0	0	9	10	14	43	71	124	179
7.5°	0	0	0	0	9	10	15	48	76	134	190
5°	0	0	0	0	10	10	17	52	80	143	200
2.5°	0	0	0	0	10	10	18	56	85	151	209
0°	0	0	0	0	10	10	20	59	88	157	216
-2.5°	0	0	0	1	10	11	24	60	97	163	223
-5°	0	0	0	1	10	12	27	61	105	167	228
-7.5°	0	0	0	2	10	13	31	62	112	171	231
-10°	0	0	0	2	9	14	33	62	117	174	234
-12.5°	0	0	0	3	9	15	36	63	120	177	239
-15°	0	0	0	3	9	15	38	63	121	179	244
-17.5°	0	0	0	4	9	16	39	65	119	180	246
-20°	0	0	0	4	9	16	40	68	118	179	246

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CATALOG NUMBER: GFLD-SA6D-750-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	4	9	16	40	71	115	177	242
-25°	0	0	0	4	9	17	41	72	112	174	236
-27.5°	0	0	0	4	9	18	41	73	108	168	231
-30°	0	0	0	4	10	19	41	74	107	163	224
-32.5°	0	0	0	4	11	20	40	73	107	157	215
-35°	0	0	0	4	12	20	40	71	106	151	203
-37.5°	0	0	0	3	12	20	40	70	104	144	198
-40°	0	0	0	3	13	21	40	67	100	140	193
-42.5°	0	0	0	2	13	21	39	65	96	135	186
-45°	0	0	0	2	12	21	37	62	93	129	177
-47.5°	0	0	0	1	12	21	35	59	89	122	168
-50°	0	0	0	1	11	21	34	56	84	115	156
-52.5°	0	0	0	2	10	20	32	51	78	108	143
-55°	0	0	0	2	9	19	30	47	72	100	133
-57.5°	0	0	0	2	8	18	28	43	65	91	121
-60°	0	0	0	2	7	16	25	39	58	82	109
-62.5°	0	0	0	2	7	15	24	35	52	72	97
-65°	0	0	0	2	7	14	22	31	47	64	85
-67.5°	0	0	0	2	6	12	20	29	40	56	74
-70°	0	0	0	2	6	11	18	26	35	48	64
-72.5°	0	0	0	2	5	10	16	22	30	41	54
-75°	0	0	0	2	5	9	14	19	25	33	43
-77.5°	0	0	0	1	4	8	12	16	20	25	32
-80°	0	0	0	1	3	6	10	12	15	19	23
-82.5°	0	0	0	1	3	5	7	9	10	12	15
-85°	0	0	0	1	2	3	5	6	7	7	8
-87.5°	0	0	0	0	1	2	3	3	3	4	4
-90°	0	0	0	0	0	0	0	0	0	0	0



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CATALOG NUMBER: GFLD-SA6D-750-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	2	2	1	2	3
60°	1	0	1	2	2	4	6	8	9	9	20
57.5°	1	2	5	5	7	11	16	18	31	45	54
55°	3	6	8	8	14	23	32	49	66	86	103
52.5°	6	10	9	15	29	43	63	86	112	131	148
50°	9	11	13	31	49	71	102	134	157	175	203
47.5°	13	15	30	50	75	109	149	176	198	234	274
45°	19	28	48	75	108	155	190	215	254	295	337
42.5°	26	44	70	98	151	195	229	266	307	354	399
40°	38	59	94	138	192	235	277	319	362	416	464
37.5°	51	81	121	176	230	278	326	374	427	484	540
35°	62	104	153	210	266	324	377	432	496	560	623
32.5°	79	127	182	243	304	367	426	497	565	633	712
30°	101	152	209	275	339	406	482	560	627	705	789
27.5°	123	175	237	305	371	445	536	614	688	771	863
25°	143	198	264	333	405	490	587	667	744	837	945
22.5°	163	222	294	358	438	535	634	724	813	904	1030
20°	183	248	322	392	470	578	682	784	885	1001	1143
17.5°	201	271	349	427	514	621	731	843	957	1098	1274
15°	219	294	376	460	554	664	779	902	1035	1200	1401
12.5°	235	314	402	491	590	702	821	950	1104	1301	1552
10°	250	332	427	519	620	736	858	992	1158	1370	1664
7.5°	264	349	450	545	647	767	890	1028	1203	1428	1753
5°	276	366	467	563	668	790	916	1059	1238	1474	1825
2.5°	286	381	481	578	685	805	932	1078	1263	1517	1881
0°	295	393	491	590	698	816	944	1091	1278	1553	1917
-2.5°	304	406	503	602	711	826	955	1103	1295	1564	1926
-5°	312	416	511	611	721	833	960	1108	1303	1565	1930
-7.5°	317	423	518	618	728	839	965	1113	1308	1562	1928
-10°	320	427	523	624	734	844	966	1111	1301	1546	1897
-12.5°	326	429	526	626	736	846	962	1101	1282	1516	1836
-15°	330	429	526	625	734	844	954	1084	1254	1477	1756
-17.5°	332	428	523	620	729	840	943	1068	1226	1436	1701
-20°	331	426	518	611	720	830	934	1054	1201	1387	1625

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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°	329	423	511	602	707	814	920	1033	1169	1326	1540
-25°	324	417	504	594	692	795	901	1005	1136	1285	1467
-27.5°	316	410	496	583	675	773	876	980	1098	1235	1392
-30°	304	398	484	570	660	752	847	951	1057	1184	1327
-32.5°	289	383	468	553	642	731	817	916	1020	1129	1258
-35°	277	366	451	532	622	707	789	877	977	1080	1189
-37.5°	268	348	432	510	595	680	757	839	929	1029	1128
-40°	258	329	412	488	564	649	726	800	881	978	1073
-42.5°	246	316	391	466	539	615	694	764	841	929	1019
-45°	236	301	370	442	515	583	656	731	805	883	968
-47.5°	223	285	351	416	487	556	620	691	768	841	916
-50°	208	268	328	389	455	525	591	652	721	795	868
-52.5°	192	248	304	360	421	487	555	618	678	741	811
-55°	173	225	278	331	385	447	511	575	637	695	755
-57.5°	156	200	251	302	352	403	465	526	586	645	705
-60°	140	177	221	270	320	368	419	476	533	589	644
-62.5°	124	156	193	235	282	330	377	427	479	526	574
-65°	109	135	167	203	242	284	329	377	424	462	500
-67.5°	93	116	142	171	205	240	276	318	360	396	430
-70°	80	97	118	142	169	199	231	263	296	328	361
-72.5°	68	82	97	113	137	163	189	214	241	270	297
-75°	55	66	79	93	110	130	152	175	197	219	241
-77.5°	42	52	63	73	85	101	118	136	154	173	191
-80°	30	38	48	57	65	75	86	98	111	125	140
-82.5°	20	27	33	40	46	51	57	65	74	84	94
-85°	11	15	19	24	27	29	33	36	42	48	54
-87.5°	6	7	9	11	12	13	13	14	16	19	21
-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	2	2	2	1	0	0
62.5°	3	4	8	10	11	12	13	13	14	13	13
60°	25	24	37	45	44	34	48	55	53	46	45
57.5°	69	86	99	103	116	137	143	141	143	149	167
55°	121	134	144	163	184	203	217	227	239	252	266
52.5°	164	187	203	224	250	266	273	300	324	343	354
50°	234	257	283	311	336	359	379	407	439	473	494
47.5°	307	337	371	410	439	462	487	524	569	608	633
45°	375	410	452	490	522	554	592	638	683	723	754
42.5°	436	476	519	563	592	641	695	742	798	849	887
40°	507	545	610	654	693	745	824	893	959	1021	1061
37.5°	592	657	726	781	833	898	1006	1112	1196	1279	1339
35°	692	770	857	917	995	1116	1250	1396	1543	1660	1765
32.5°	788	875	963	1059	1178	1349	1518	1752	1969	2191	2400
30°	875	972	1079	1202	1395	1634	1908	2266	2655	3043	3485
27.5°	966	1073	1200	1397	1689	2013	2520	3085	3889	4537	5580
25°	1065	1186	1358	1672	2076	2647	3532	4539	6203	7625	9228
22.5°	1185	1371	1616	2008	2683	3710	5086	7280	9836	12210	14474
20°	1333	1584	2003	2629	3596	5176	7786	11113	14668	18141	21501
17.5°	1529	1928	2526	3416	4787	8109	11992	16747	22833	27405	31740
15°	1707	2211	3116	4557	7137	11413	16840	24121	32315	39204	46998
12.5°	1918	2528	3617	5487	9175	14826	21744	30427	40125	50583	62790
10°	2102	2851	4253	6826	11300	17877	25630	35823	48278	63076	78505
7.5°	2244	3122	4785	7831	13091	20380	29629	42025	57800	75095	92690
5°	2354	3331	5202	8619	14614	22412	32547	46932	64913	84764	102261
2.5°	2440	3478	5479	9103	15643	23800	34542	49540	69266	91077	109448
0°	2507	3568	5632	9446	16121	24456	35466	50594	71305	94169	113062
-2.5°	2530	3615	5640	9327	15830	24417	35250	49948	69898	92941	112295
-5°	2538	3591	5498	9079	15314	23541	33839	47494	65601	87215	106829
-7.5°	2520	3495	5209	8471	14156	21995	31868	43854	58695	77753	98024
-10°	2452	3327	4819	7646	12562	19582	28799	38926	50783	66340	82768
-12.5°	2329	3077	4280	6410	10685	16851	25014	33966	43206	53430	66942
-15°	2182	2820	3840	5660	8946	13983	20593	28154	35823	43652	51894
-17.5°	2071	2597	3389	4659	6869	10941	16227	22303	28525	34742	40293
-20°	1929	2331	2949	3938	5542	7952	11927	16655	21304	26374	30628

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REPORT NUMBER: P627954 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-750-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°	1803	2144	2607	3229	4309	6005	8272	11599	15132	18814	22307
-25°	1683	1941	2309	2808	3453	4462	5959	7699	10178	12443	15037
-27.5°	1582	1799	2048	2418	2906	3459	4378	5393	6693	7773	9505
-30°	1485	1658	1864	2102	2460	2881	3374	3990	4626	5264	6093
-32.5°	1395	1540	1701	1893	2115	2430	2737	3132	3480	3863	4258
-35°	1306	1434	1568	1720	1890	2098	2328	2589	2821	3052	3259
-37.5°	1229	1337	1453	1573	1710	1854	2035	2219	2375	2526	2654
-40°	1164	1254	1351	1451	1560	1677	1818	1953	2058	2156	2237
-42.5°	1105	1185	1260	1345	1436	1543	1652	1756	1828	1896	1950
-45°	1050	1118	1187	1257	1331	1424	1518	1599	1656	1707	1746
-47.5°	989	1051	1114	1178	1250	1324	1399	1459	1510	1553	1582
-50°	931	992	1048	1101	1165	1231	1297	1348	1392	1430	1450
-52.5°	874	932	989	1043	1095	1147	1198	1247	1292	1331	1346
-55°	818	875	926	977	1028	1077	1123	1165	1205	1243	1255
-57.5°	763	822	876	917	960	1004	1048	1090	1129	1163	1175
-60°	701	760	807	847	889	930	968	1007	1045	1078	1093
-62.5°	627	680	723	762	800	836	871	906	940	968	983
-65°	539	585	628	666	700	733	765	796	825	846	860
-67.5°	463	497	533	567	602	634	663	691	716	734	746
-70°	391	421	453	484	515	543	569	594	616	633	645
-72.5°	324	351	380	408	435	460	481	503	523	537	549
-75°	264	287	311	334	358	378	396	413	430	442	452
-77.5°	210	227	244	262	280	296	311	325	338	348	356
-80°	155	169	183	196	209	220	231	242	253	261	270
-82.5°	105	115	126	137	147	154	159	165	170	177	183
-85°	61	67	74	80	87	91	95	99	103	107	111
-87.5°	24	27	30	33	36	36	37	37	38	41	44
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627954 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-750-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	2
62.5°	12	10	10	10	10	10	12	13	13	14	13
60°	43	39	39	39	39	39	43	45	46	53	55
57.5°	183	196	204	206	204	196	183	167	149	143	141
55°	279	288	290	285	290	288	279	266	252	239	227
52.5°	360	361	359	354	359	361	360	354	343	324	300
50°	500	498	499	501	499	498	500	494	473	439	407
47.5°	643	650	652	649	652	650	643	633	608	569	524
45°	768	777	781	777	781	777	768	754	723	683	638
42.5°	902	909	911	914	911	909	902	887	849	798	742
40°	1079	1086	1084	1081	1084	1086	1079	1061	1021	959	893
37.5°	1379	1400	1410	1435	1410	1400	1379	1339	1279	1196	1112
35°	1846	1897	1924	1966	1924	1897	1846	1765	1660	1543	1396
32.5°	2551	2653	2708	2762	2708	2653	2551	2400	2191	1969	1752
30°	3791	3994	4076	4227	4076	3994	3791	3485	3043	2655	2266
27.5°	6346	6827	7016	7412	7016	6827	6346	5580	4537	3889	3085
25°	10689	11726	12297	12749	12297	11726	10689	9228	7625	6203	4539
22.5°	16759	18278	19089	19689	19089	18278	16759	14474	12210	9836	7280
20°	24546	26551	27746	28615	27746	26551	24546	21501	18141	14668	11113
17.5°	37305	40455	42297	43880	42297	40455	37305	31740	27405	22833	16747
15°	55693	62023	66943	69683	66943	62023	55693	46998	39204	32315	24121
12.5°	73581	82853	88362	90896	88362	82853	73581	62790	50583	40125	30427
10°	91271	100014	105256	106181	105256	100014	91271	78505	63076	48278	35823
7.5°	104814	114429	121394	123924	121394	114429	104814	92690	75095	57800	42025
5°	116776	128034	135405	136339	135405	128034	116776	102261	84764	64913	46932
2.5°	125575	137814	144961	147417	144961	137814	125575	109448	91077	69266	49540
0°	129832	143014	150966	154544	150966	143014	129832	113062	94169	71305	50594
-2.5°	128936	142570	151446	156117	151446	142570	128936	112295	92941	69898	49948
-5°	124034	137707	145984	150946	145984	137707	124034	106829	87215	65601	47494
-7.5°	112728	125515	134326	138905	134326	125515	112728	98024	77753	58695	43854
-10°	98161	108983	117013	120916	117013	108983	98161	82768	66340	50783	38926
-12.5°	79231	89728	96973	99733	96973	89728	79231	66942	53430	43206	33966
-15°	60705	68717	73864	75493	73864	68717	60705	51894	43652	35823	28154
-17.5°	46036	50349	53244	54025	53244	50349	46036	40293	34742	28525	22303
-20°	34490	37162	39041	39486	39041	37162	34490	30628	26374	21304	16655

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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°	25130	27139	28656	28959	28656	27139	25130	22307	18814	15132	11599
-25°	17334	19015	20044	20122	20044	19015	17334	15037	12443	10178	7699
-27.5°	10868	11790	12267	12435	12267	11790	10868	9505	7773	6693	5393
-30°	6716	7141	7365	7372	7365	7141	6716	6093	5264	4626	3990
-32.5°	4559	4764	4876	4876	4876	4764	4559	4258	3863	3480	3132
-35°	3415	3521	3581	3588	3581	3521	3415	3259	3052	2821	2589
-37.5°	2746	2805	2835	2841	2835	2805	2746	2654	2526	2375	2219
-40°	2296	2337	2362	2379	2362	2337	2296	2237	2156	2058	1953
-42.5°	1986	2013	2024	2015	2024	2013	1986	1950	1896	1828	1756
-45°	1769	1785	1795	1799	1795	1785	1769	1746	1707	1656	1599
-47.5°	1597	1604	1609	1612	1609	1604	1597	1582	1553	1510	1459
-50°	1461	1467	1469	1465	1469	1467	1461	1450	1430	1392	1348
-52.5°	1351	1353	1355	1357	1355	1353	1351	1346	1331	1292	1247
-55°	1262	1265	1267	1268	1267	1265	1262	1255	1243	1205	1165
-57.5°	1186	1194	1194	1189	1194	1194	1186	1175	1163	1129	1090
-60°	1105	1114	1119	1121	1119	1114	1105	1093	1078	1045	1007
-62.5°	996	1006	1011	1013	1011	1006	996	983	968	940	906
-65°	871	879	892	904	892	879	871	860	846	825	796
-67.5°	755	763	775	786	775	763	755	746	734	716	691
-70°	656	665	668	668	668	665	656	645	633	616	594
-72.5°	558	567	569	570	569	567	558	549	537	523	503
-75°	461	469	471	472	471	469	461	452	442	430	413
-77.5°	364	372	373	374	373	372	364	356	348	338	325
-80°	277	284	280	275	280	284	277	270	261	253	242
-82.5°	190	196	192	187	192	196	190	183	177	170	165
-85°	114	117	113	108	113	117	114	111	107	103	99
-87.5°	46	49	44	39	44	49	46	44	41	38	37
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627954 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-750-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°	2	2	0	0	0	0	0	0	0	0	0
62.5°	13	12	11	10	8	4	3	3	2	1	2
60°	48	34	44	45	37	24	25	20	9	9	8
57.5°	143	137	116	103	99	86	69	54	45	31	18
55°	217	203	184	163	144	134	121	103	86	66	49
52.5°	273	266	250	224	203	187	164	148	131	112	86
50°	379	359	336	311	283	257	234	203	175	157	134
47.5°	487	462	439	410	371	337	307	274	234	198	176
45°	592	554	522	490	452	410	375	337	295	254	215
42.5°	695	641	592	563	519	476	436	399	354	307	266
40°	824	745	693	654	610	545	507	464	416	362	319
37.5°	1006	898	833	781	726	657	592	540	484	427	374
35°	1250	1116	995	917	857	770	692	623	560	496	432
32.5°	1518	1349	1178	1059	963	875	788	712	633	565	497
30°	1908	1634	1395	1202	1079	972	875	789	705	627	560
27.5°	2520	2013	1689	1397	1200	1073	966	863	771	688	614
25°	3532	2647	2076	1672	1358	1186	1065	945	837	744	667
22.5°	5086	3710	2683	2008	1616	1371	1185	1030	904	813	724
20°	7786	5176	3596	2629	2003	1584	1333	1143	1001	885	784
17.5°	11992	8109	4787	3416	2526	1928	1529	1274	1098	957	843
15°	16840	11413	7137	4557	3116	2211	1707	1401	1200	1035	902
12.5°	21744	14826	9175	5487	3617	2528	1918	1552	1301	1104	950
10°	25630	17877	11300	6826	4253	2851	2102	1664	1370	1158	992
7.5°	29629	20380	13091	7831	4785	3122	2244	1753	1428	1203	1028
5°	32547	22412	14614	8619	5202	3331	2354	1825	1474	1238	1059
2.5°	34542	23800	15643	9103	5479	3478	2440	1881	1517	1263	1078
0°	35466	24456	16121	9446	5632	3568	2507	1917	1553	1278	1091
-2.5°	35250	24417	15830	9327	5640	3615	2530	1926	1564	1295	1103
-5°	33839	23541	15314	9079	5498	3591	2538	1930	1565	1303	1108
-7.5°	31868	21995	14156	8471	5209	3495	2520	1928	1562	1308	1113
-10°	28799	19582	12562	7646	4819	3327	2452	1897	1546	1301	1111
-12.5°	25014	16851	10685	6410	4280	3077	2329	1836	1516	1282	1101
-15°	20593	13983	8946	5660	3840	2820	2182	1756	1477	1254	1084
-17.5°	16227	10941	6869	4659	3389	2597	2071	1701	1436	1226	1068
-20°	11927	7952	5542	3938	2949	2331	1929	1625	1387	1201	1054

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CATALOG NUMBER: GFLD-SA6D-750-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°	8272	6005	4309	3229	2607	2144	1803	1540	1326	1169	1033
-25°	5959	4462	3453	2808	2309	1941	1683	1467	1285	1136	1005
-27.5°	4378	3459	2906	2418	2048	1799	1582	1392	1235	1098	980
-30°	3374	2881	2460	2102	1864	1658	1485	1327	1184	1057	951
-32.5°	2737	2430	2115	1893	1701	1540	1395	1258	1129	1020	916
-35°	2328	2098	1890	1720	1568	1434	1306	1189	1080	977	877
-37.5°	2035	1854	1710	1573	1453	1337	1229	1128	1029	929	839
-40°	1818	1677	1560	1451	1351	1254	1164	1073	978	881	800
-42.5°	1652	1543	1436	1345	1260	1185	1105	1019	929	841	764
-45°	1518	1424	1331	1257	1187	1118	1050	968	883	805	731
-47.5°	1399	1324	1250	1178	1114	1051	989	916	841	768	691
-50°	1297	1231	1165	1101	1048	992	931	868	795	721	652
-52.5°	1198	1147	1095	1043	989	932	874	811	741	678	618
-55°	1123	1077	1028	977	926	875	818	755	695	637	575
-57.5°	1048	1004	960	917	876	822	763	705	645	586	526
-60°	968	930	889	847	807	760	701	644	589	533	476
-62.5°	871	836	800	762	723	680	627	574	526	479	427
-65°	765	733	700	666	628	585	539	500	462	424	377
-67.5°	663	634	602	567	533	497	463	430	396	360	318
-70°	569	543	515	484	453	421	391	361	328	296	263
-72.5°	481	460	435	408	380	351	324	297	270	241	214
-75°	396	378	358	334	311	287	264	241	219	197	175
-77.5°	311	296	280	262	244	227	210	191	173	154	136
-80°	231	220	209	196	183	169	155	140	125	111	98
-82.5°	159	154	147	137	126	115	105	94	84	74	65
-85°	95	91	87	80	74	67	61	54	48	42	36
-87.5°	37	36	36	33	30	27	24	21	19	16	14
-90°	0	0	0	0	0	0	0	0	0	0	0



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REPORT NUMBER: P627954 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-750-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°	2	0	0	0	0	0	0	1	0	0	0
60°	6	4	2	2	1	0	1	3	2	0	0
57.5°	16	11	7	5	5	2	1	3	4	2	0
55°	32	23	14	8	8	6	3	4	6	4	0
52.5°	63	43	29	15	9	10	6	5	7	7	3
50°	102	71	49	31	13	11	9	7	7	9	5
47.5°	149	109	75	50	30	15	13	8	8	10	7
45°	190	155	108	75	48	28	19	10	9	10	9
42.5°	229	195	151	98	70	44	26	16	10	10	10
40°	277	235	192	138	94	59	38	23	10	10	10
37.5°	326	278	230	176	121	81	51	32	14	12	10
35°	377	324	266	210	153	104	62	42	24	15	10
32.5°	426	367	304	243	182	127	79	53	33	18	10
30°	482	406	339	275	209	152	101	65	41	22	10
27.5°	536	445	371	305	237	175	123	78	50	28	14
25°	587	490	405	333	264	198	143	92	59	35	17
22.5°	634	535	438	358	294	222	163	110	70	42	21
20°	682	578	470	392	322	248	183	126	81	48	25
17.5°	731	621	514	427	349	271	201	142	92	54	29
15°	779	664	554	460	376	294	219	155	103	59	33
12.5°	821	702	590	491	402	314	235	168	114	65	38
10°	858	736	620	519	427	332	250	179	124	71	43
7.5°	890	767	647	545	450	349	264	190	134	76	48
5°	916	790	668	563	467	366	276	200	143	80	52
2.5°	932	805	685	578	481	381	286	209	151	85	56
0°	944	816	698	590	491	393	295	216	157	88	59
-2.5°	955	826	711	602	503	406	304	223	163	97	60
-5°	960	833	721	611	511	416	312	228	167	105	61
-7.5°	965	839	728	618	518	423	317	231	171	112	62
-10°	966	844	734	624	523	427	320	234	174	117	62
-12.5°	962	846	736	626	526	429	326	239	177	120	63
-15°	954	844	734	625	526	429	330	244	179	121	63
-17.5°	943	840	729	620	523	428	332	246	180	119	65
-20°	934	830	720	611	518	426	331	246	179	118	68

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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°	920	814	707	602	511	423	329	242	177	115	71
-25°	901	795	692	594	504	417	324	236	174	112	72
-27.5°	876	773	675	583	496	410	316	231	168	108	73
-30°	847	752	660	570	484	398	304	224	163	107	74
-32.5°	817	731	642	553	468	383	289	215	157	107	73
-35°	789	707	622	532	451	366	277	203	151	106	71
-37.5°	757	680	595	510	432	348	268	198	144	104	70
-40°	726	649	564	488	412	329	258	193	140	100	67
-42.5°	694	615	539	466	391	316	246	186	135	96	65
-45°	656	583	515	442	370	301	236	177	129	93	62
-47.5°	620	556	487	416	351	285	223	168	122	89	59
-50°	591	525	455	389	328	268	208	156	115	84	56
-52.5°	555	487	421	360	304	248	192	143	108	78	51
-55°	511	447	385	331	278	225	173	133	100	72	47
-57.5°	465	403	352	302	251	200	156	121	91	65	43
-60°	419	368	320	270	221	177	140	109	82	58	39
-62.5°	377	330	282	235	193	156	124	97	72	52	35
-65°	329	284	242	203	167	135	109	85	64	47	31
-67.5°	276	240	205	171	142	116	93	74	56	40	29
-70°	231	199	169	142	118	97	80	64	48	35	26
-72.5°	189	163	137	113	97	82	68	54	41	30	22
-75°	152	130	110	93	79	66	55	43	33	25	19
-77.5°	118	101	85	73	63	52	42	32	25	20	16
-80°	86	75	65	57	48	38	30	23	19	15	12
-82.5°	57	51	46	40	33	27	20	15	12	10	9
-85°	33	29	27	24	19	15	11	8	7	7	6
-87.5°	13	13	12	11	9	7	6	4	4	3	3
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627954 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-750-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°	2	0	0	0	0	0	0
50°	3	1	0	0	0	0	0
47.5°	4	2	0	0	0	0	0
45°	5	3	0	0	0	0	0
42.5°	7	4	0	0	0	0	0
40°	8	6	0	0	0	0	0
37.5°	9	7	1	0	0	0	0
35°	9	8	2	0	0	0	0
32.5°	10	8	3	0	0	0	0
30°	10	9	4	0	0	0	0
27.5°	10	9	5	0	0	0	0
25°	10	10	6	0	0	0	0
22.5°	10	10	7	0	0	0	0
20°	10	10	7	0	0	0	0
17.5°	10	10	8	0	0	0	0
15°	11	10	8	0	0	0	0
12.5°	13	10	9	0	0	0	0
10°	14	10	9	0	0	0	0
7.5°	15	10	9	0	0	0	0
5°	17	10	10	0	0	0	0
2.5°	18	10	10	0	0	0	0
0°	20	10	10	0	0	0	0
-2.5°	24	11	10	1	0	0	0
-5°	27	12	10	1	0	0	0
-7.5°	31	13	10	2	0	0	0
-10°	33	14	9	2	0	0	0
-12.5°	36	15	9	3	0	0	0
-15°	38	15	9	3	0	0	0
-17.5°	39	16	9	4	0	0	0
-20°	40	16	9	4	0	0	0

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CATALOG NUMBER: GFLD-SA6D-750-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	40	16	9	4	0	0	0
-25°	41	17	9	4	0	0	0
-27.5°	41	18	9	4	0	0	0
-30°	41	19	10	4	0	0	0
-32.5°	40	20	11	4	0	0	0
-35°	40	20	12	4	0	0	0
-37.5°	40	20	12	3	0	0	0
-40°	40	21	13	3	0	0	0
-42.5°	39	21	13	2	0	0	0
-45°	37	21	12	2	0	0	0
-47.5°	35	21	12	1	0	0	0
-50°	34	21	11	1	0	0	0
-52.5°	32	20	10	2	0	0	0
-55°	30	19	9	2	0	0	0
-57.5°	28	18	8	2	0	0	0
-60°	25	16	7	2	0	0	0
-62.5°	24	15	7	2	0	0	0
-65°	22	14	7	2	0	0	0
-67.5°	20	12	6	2	0	0	0
-70°	18	11	6	2	0	0	0
-72.5°	16	10	5	2	0	0	0
-75°	14	9	5	2	0	0	0
-77.5°	12	8	4	1	0	0	0
-80°	10	6	3	1	0	0	0
-82.5°	7	5	3	1	0	0	0
-85°	5	3	2	1	0	0	0
-87.5°	3	2	1	0	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)