

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: P627626 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627626 (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-SA5C-730-U-MWR-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (80) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

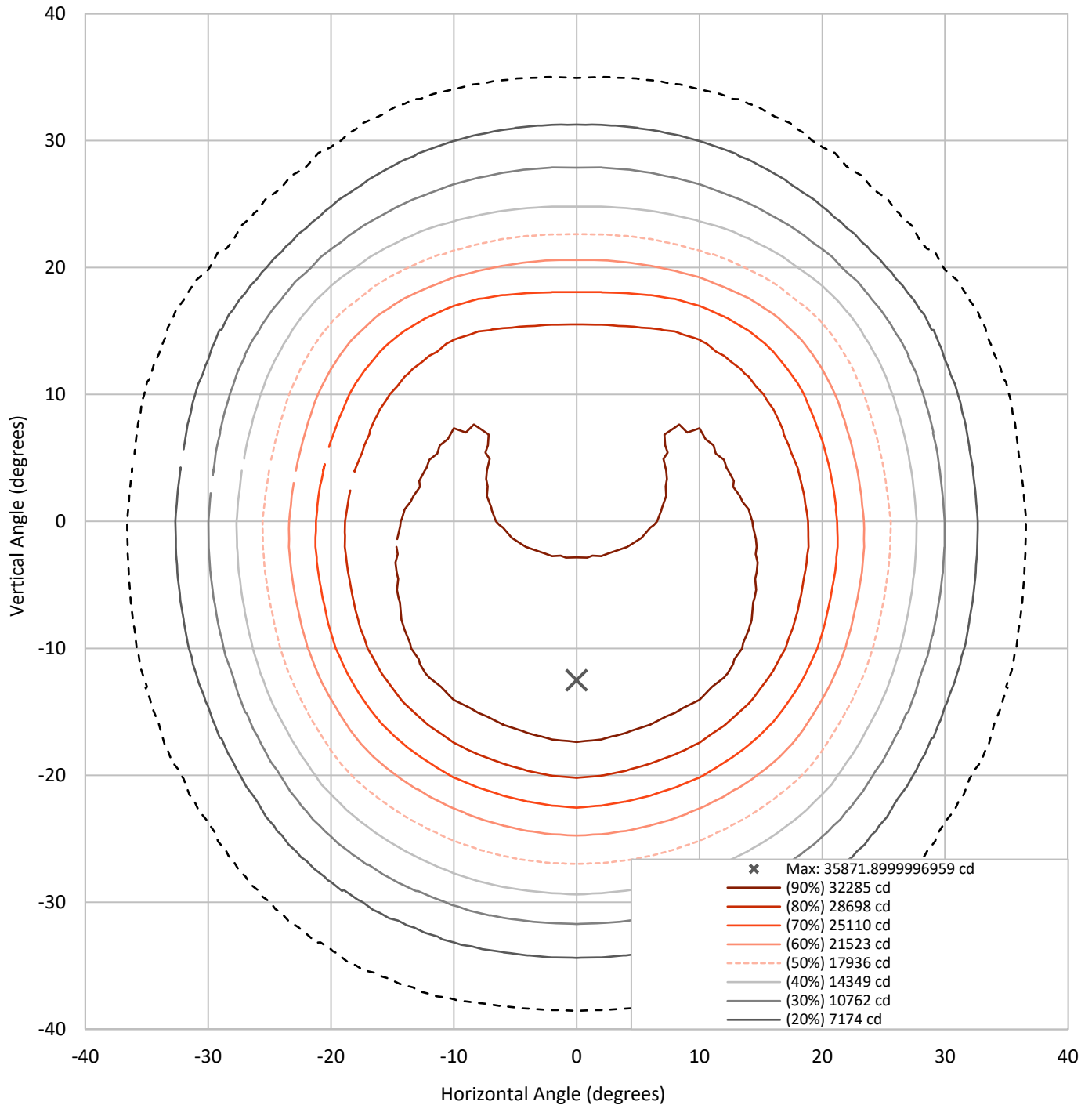
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 5V
Luminaire Lumens:	25604.7 lumens	Max Intensity:	35871.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -12.5°V
Efficacy:	124.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	46.4°H x 49.6°V	Field Angle (10%):	69.9°H x 73.3°V
Beam Lumens:	17149.9 lumens	Field Lumens:	23078.7 lumens
Beam Efficiency:	67.0%	Field Efficiency:	90.1%
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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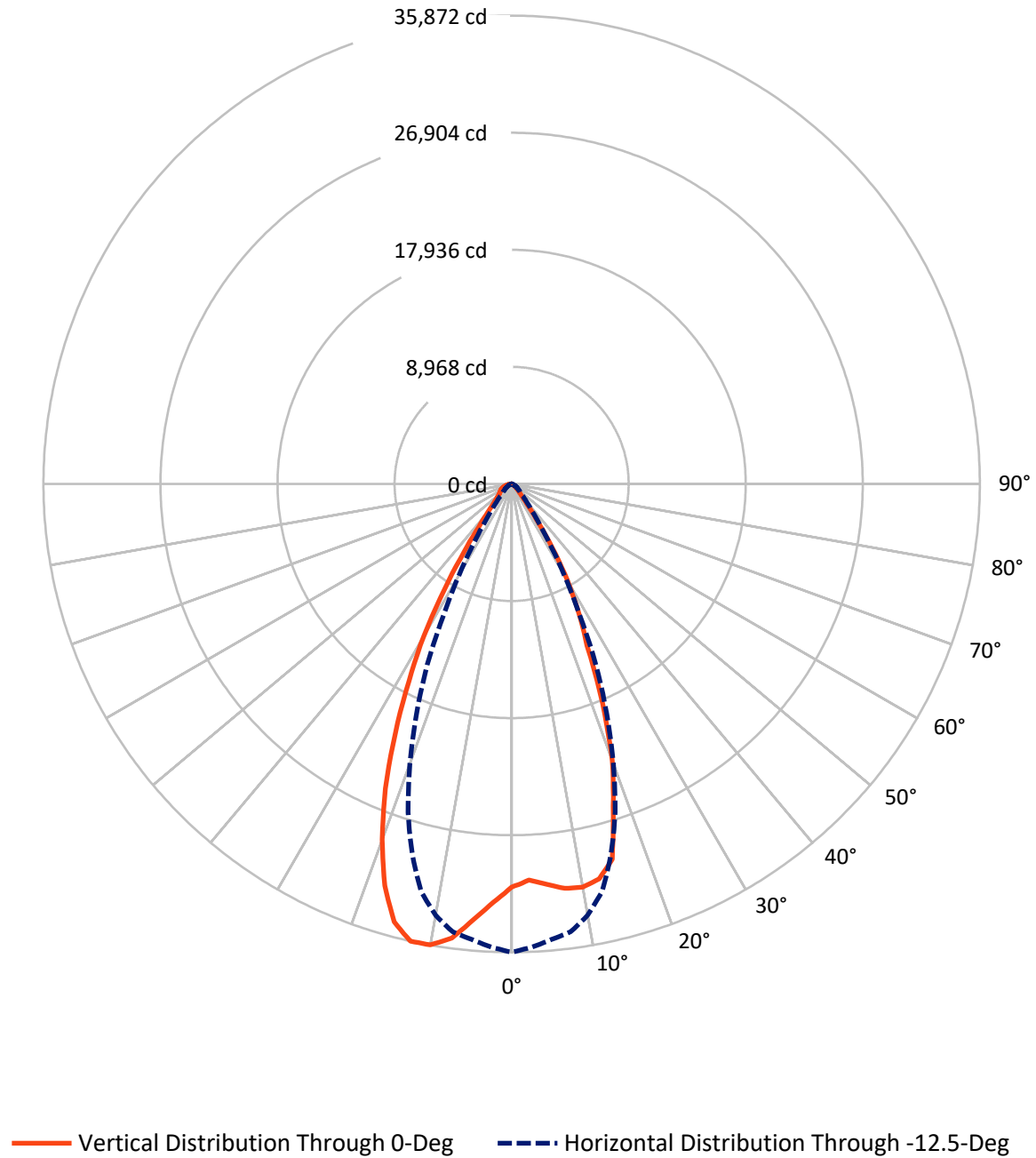
CATALOG NUMBER: GFLD-SA5C-730-U-MWR-VSR-XX

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	0.8	2.1	3.5	4.9	5.7	5.7	4.9	3.5	2.1	0.8	0.2		0.1							
40	0.1	0.1	1.0	3.6	7.2	11.8	17.6	21.5	21.5	17.6	11.8	7.2	3.6	1.0	0.1								
30		0.5	2.8	7.4	15.4	33.2	75.6	115.4	115.4	75.6	33.2	15.4	7.4	2.8	0.5								
20	0.3	1.0	4.8	12.0	32.1	119.0	306.5	428.4	428.4	306.5	119.0	32.1	12.0	4.8	1.0								
10		1.7	6.7	18.5	76.4	330.5	689.5	853.7	853.7	689.5	330.5	76.4	18.5	6.7	1.7								
0	0.5	2.2	8.3	23.8	121.8	486.7	889.1	963.8	963.8	889.1	486.7	121.8	23.8	8.3	2.2								
-10		2.6	9.1	25.5	127.4	502.7	921.1	1023.0	1023.0	921.1	502.7	127.4	25.5	9.1	2.6								
-20	0.7	2.8	9.3	23.2	91.1	374.3	777.0	992.1	992.1	777.0	374.3	91.1	23.2	9.3	2.8								
-30		2.7	8.8	19.3	50.9	181.6	433.0	609.3	609.3	433.0	181.6	50.9	19.3	8.8	2.7								
-40	0.7	2.4	7.9	16.0	30.4	64.7	135.3	200.7	200.7	135.3	64.7	30.4	16.0	7.9	2.4								
-50		2.0	6.6	13.3	22.2	32.8	46.2	54.7	54.7	46.2	32.8	22.2	13.3	6.6	2.0								
-60	0.5	1.5	5.0	10.5	17.5	24.2	30.2	33.0	33.0	30.2	24.2	17.5	10.5	5.0	1.5								
-70		1.0	3.2	7.2	12.3	17.3	21.9	24.5	24.5	21.9	17.3	12.3	7.2	3.2	1.0								
-80	0.2	2.8	12.9	27.5	35.2	27.5	12.9	2.8	0.2														
-90																							
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90				

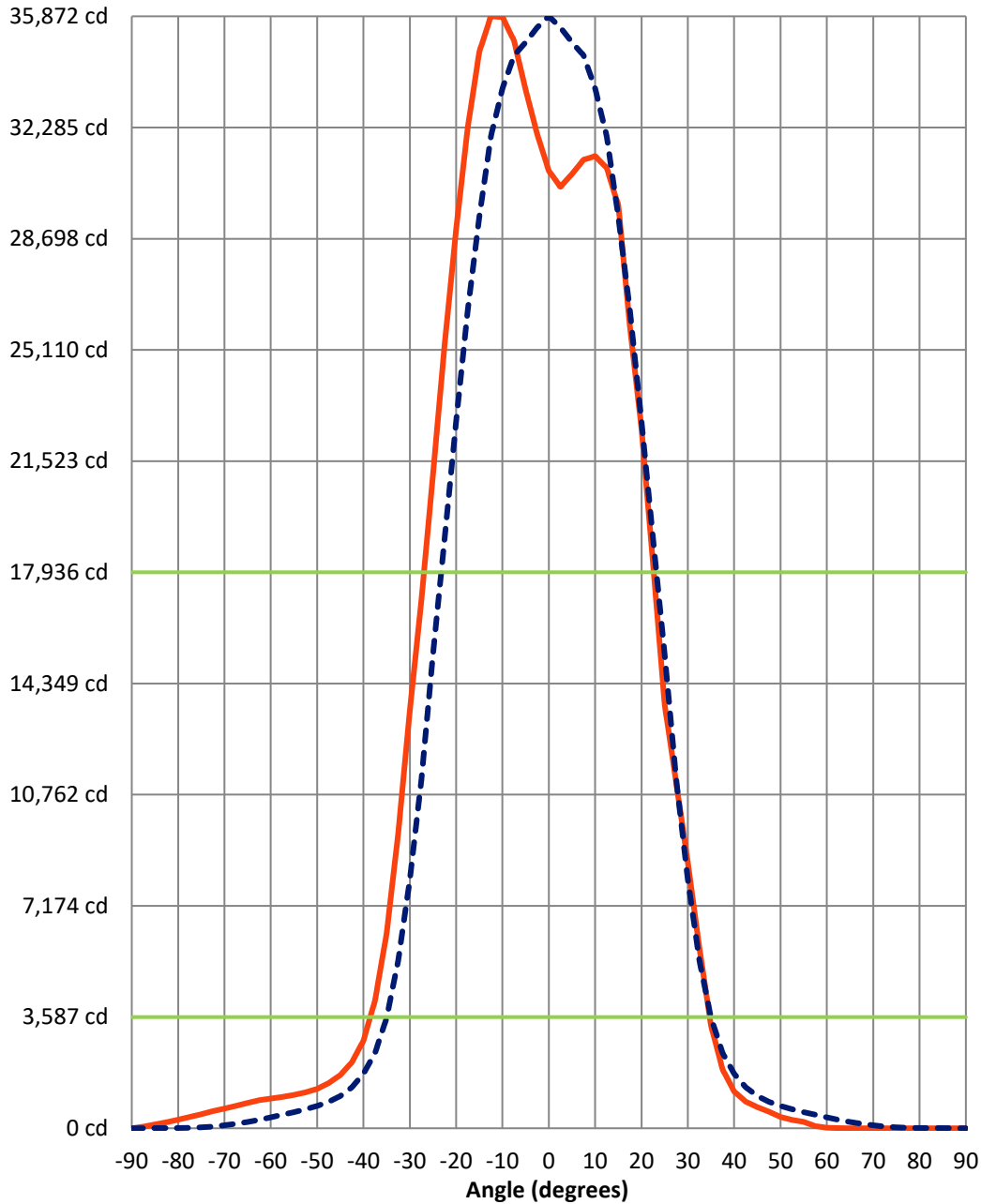
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 17149.9
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 23078.7
 Efficiency: 90.1%

Spill:
 Lumens: 2526
 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	0	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	2	4	2	1	3	4	4	5
57.5°	0	0	0	3	4	3	2	4	5	5	6
55°	0	0	1	4	4	3	3	6	5	6	6
52.5°	0	0	1	4	4	3	4	6	6	6	6
50°	0	0	2	5	4	4	5	6	6	6	7
47.5°	0	0	2	6	4	4	6	7	6	6	8
45°	0	0	2	6	5	5	6	7	6	7	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	3	6	5	6	8	8	10	13	16
35°	0	0	4	6	6	6	9	9	12	17	22
32.5°	0	0	4	6	6	7	10	9	14	21	35
30°	0	0	4	6	6	8	10	10	16	26	47
27.5°	0	0	5	6	6	8	11	12	19	31	58
25°	0	0	5	6	6	9	11	14	24	40	68
22.5°	0	0	5	6	6	10	11	15	28	48	80
20°	0	0	5	6	6	10	12	17	33	56	93
17.5°	0	0	5	6	6	10	12	19	38	63	106
15°	0	0	5	6	6	11	13	22	43	70	119
12.5°	0	0	6	6	6	11	13	26	48	75	131
10°	0	0	6	6	6	11	14	30	53	85	143
7.5°	0	0	6	6	6	12	15	35	57	95	152
5°	0	0	6	6	6	12	16	39	60	105	160
2.5°	0	0	6	6	6	12	17	43	62	114	166
0°	0	0	6	6	6	12	18	47	65	123	171
-2.5°	0	0	6	6	6	12	21	49	73	129	180
-5°	0	0	6	6	7	13	24	50	81	134	188
-7.5°	0	0	6	6	7	13	26	51	88	138	194
-10°	0	1	6	6	8	14	29	52	93	141	199
-12.5°	0	1	6	6	8	14	31	53	97	144	203
-15°	0	1	6	6	9	15	32	53	99	146	205
-17.5°	0	1	6	6	9	15	33	55	98	146	205
-20°	0	1	5	6	9	15	33	57	97	145	202

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CATALOG NUMBER: GFLD-SA5C-730-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	5	6	9	15	34	59	95	144	197
-25°	0	1	5	6	9	16	34	60	93	140	190
-27.5°	0	1	5	6	9	17	33	59	91	137	185
-30°	0	1	5	6	9	18	33	58	90	133	180
-32.5°	0	1	5	6	9	19	32	57	89	129	173
-35°	0	1	5	6	9	19	32	56	86	125	164
-37.5°	0	1	5	6	10	19	32	54	83	121	162
-40°	0	1	5	6	10	20	32	52	78	115	159
-42.5°	0	1	5	6	10	20	32	49	74	110	154
-45°	0	1	5	6	10	19	31	47	71	103	146
-47.5°	0	1	5	7	11	19	30	46	67	95	137
-50°	0	1	5	7	11	19	30	44	64	91	127
-52.5°	0	1	5	7	11	18	29	42	61	86	116
-55°	0	1	5	7	11	17	27	39	58	81	109
-57.5°	0	1	5	7	11	17	26	38	54	76	101
-60°	0	1	5	7	10	16	25	36	50	70	93
-62.5°	0	1	5	7	10	15	23	33	47	64	85
-65°	0	1	5	7	10	14	21	31	43	58	77
-67.5°	0	1	4	7	10	13	19	28	38	52	68
-70°	0	1	4	7	9	13	17	24	33	44	59
-72.5°	0	1	3	6	9	12	16	21	29	38	49
-75°	0	1	3	6	9	11	14	18	23	31	40
-77.5°	0	1	2	5	8	10	13	17	20	25	31
-80°	0	1	2	4	6	9	12	15	18	21	25
-82.5°	0	0	2	3	5	7	9	12	15	18	21
-85°	0	0	1	2	3	4	6	8	10	12	15
-87.5°	0	0	1	1	2	2	3	4	5	6	7
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627626 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-730-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°	5	5	3	2	3	4	3	2	1	1	2
60°	6	5	4	5	6	5	4	4	5	6	14
57.5°	6	5	5	6	7	6	7	8	21	35	39
55°	6	6	7	8	9	10	16	33	49	61	66
52.5°	7	7	9	11	14	22	41	60	76	88	103
50°	8	10	12	16	26	46	68	90	110	129	151
47.5°	10	12	18	26	48	74	101	128	152	178	210
45°	12	19	25	45	73	105	139	170	194	225	254
42.5°	15	29	43	65	103	142	180	205	233	266	304
40°	24	40	62	95	136	183	216	243	272	319	365
37.5°	36	57	82	125	175	220	252	285	328	381	437
35°	49	72	109	157	212	254	290	331	390	452	517
32.5°	63	87	136	190	242	287	328	388	450	518	608
30°	76	109	162	222	271	317	375	442	503	587	692
27.5°	90	132	190	248	297	346	422	487	557	652	778
25°	105	156	215	271	323	384	467	537	608	729	900
22.5°	123	179	239	293	346	424	513	600	694	814	1024
20°	142	200	261	319	370	463	563	668	796	964	1239
17.5°	160	220	283	345	410	504	615	740	899	1108	1513
15°	177	237	304	371	447	547	669	822	1014	1275	1778
12.5°	192	253	324	397	479	585	716	883	1109	1484	2116
10°	205	266	343	421	508	619	756	933	1187	1634	2369
7.5°	216	281	361	445	534	648	791	975	1255	1752	2566
5°	226	299	377	462	552	672	820	1007	1313	1838	2718
2.5°	234	315	389	477	566	691	842	1037	1368	1909	2847
0°	241	329	400	488	576	706	859	1059	1412	1959	2947
-2.5°	250	337	414	497	593	716	866	1075	1426	1965	2927
-5°	256	342	425	504	606	722	868	1081	1424	1950	2866
-7.5°	262	345	434	510	613	725	869	1077	1409	1918	2769
-10°	266	349	437	516	615	725	865	1064	1375	1854	2621
-12.5°	272	353	437	520	614	720	854	1040	1323	1759	2431
-15°	276	355	437	519	611	712	835	1007	1252	1633	2197
-17.5°	277	355	435	515	606	701	811	967	1188	1522	2028
-20°	277	354	432	506	599	689	794	936	1133	1416	1824

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

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	274	351	429	499	588	677	774	899	1065	1296	1626
-25°	269	347	423	494	575	662	749	858	1003	1208	1482
-27.5°	259	340	415	487	560	645	727	826	952	1110	1330
-30°	247	330	403	476	548	627	706	790	901	1038	1214
-32.5°	234	319	391	462	534	609	683	761	856	970	1108
-35°	225	305	378	445	516	589	660	733	811	912	1030
-37.5°	219	290	364	428	495	566	635	704	776	856	963
-40°	212	275	349	412	474	542	609	674	741	820	903
-42.5°	203	265	332	397	455	518	582	644	711	785	862
-45°	195	252	316	376	435	494	555	614	680	749	820
-47.5°	184	238	299	353	410	469	528	587	644	709	778
-50°	170	222	278	329	381	439	498	557	613	668	729
-52.5°	157	203	255	306	353	403	463	523	579	634	687
-55°	142	185	232	282	329	372	425	485	541	594	649
-57.5°	130	166	210	257	303	348	396	447	502	554	607
-60°	120	149	186	230	276	320	367	414	464	514	562
-62.5°	108	134	164	201	244	288	332	376	424	466	509
-65°	98	119	144	174	208	249	291	334	376	414	451
-67.5°	86	105	125	148	178	211	245	284	324	360	395
-70°	74	91	108	127	149	177	208	239	271	303	337
-72.5°	62	76	92	107	127	150	174	199	227	255	284
-75°	51	62	75	89	105	124	144	165	187	210	233
-77.5°	40	50	60	71	83	98	114	131	149	166	184
-80°	31	37	46	55	64	75	86	97	111	125	140
-82.5°	25	29	34	40	46	53	61	69	79	90	101
-85°	18	20	23	27	31	35	39	44	50	57	64
-87.5°	9	10	12	13	15	17	19	21	24	27	30
-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	11	15	19	19	14	21	24	22	18	18
57.5°	41	45	51	60	66	70	75	81	86	88	91
55°	76	91	107	114	126	146	163	164	167	171	181
52.5°	121	139	147	161	186	201	209	223	238	252	264
50°	176	191	208	231	255	270	275	299	329	353	367
47.5°	231	251	283	322	343	361	385	416	449	483	510
45°	282	318	359	394	422	452	485	523	574	622	659
42.5°	340	381	422	463	493	544	601	647	720	784	824
40°	408	448	508	558	620	684	783	875	968	1075	1153
37.5°	490	552	635	716	808	903	1080	1262	1410	1619	1734
35°	588	684	802	923	1070	1298	1557	1908	2272	2576	2869
32.5°	702	824	987	1203	1450	1816	2205	2851	3480	4109	4727
30°	813	990	1241	1538	1944	2521	3256	4254	5335	6282	7139
27.5°	961	1214	1538	1982	2673	3520	4875	6261	7639	8868	9751
25°	1141	1479	1938	2673	3670	5075	6891	8591	10207	11413	12428
22.5°	1401	1907	2559	3495	5305	7259	9432	11570	13386	14905	15906
20°	1722	2407	3497	5194	7322	9766	12563	14812	17048	18757	20284
17.5°	2176	3267	4807	6962	9505	12764	15644	18152	20991	22738	24295
15°	2585	3987	6182	8931	11911	15366	18762	21834	24574	26494	28235
12.5°	3102	4753	7276	10510	13769	17614	21145	24435	27119	29094	30312
10°	3565	5537	8368	11750	15399	19417	23076	26500	29099	30626	31522
7.5°	3939	6189	9253	12812	16665	20708	24573	27972	30459	31737	32349
5°	4229	6673	9946	13683	17684	21821	25766	29093	31188	32244	32586
2.5°	4446	7009	10413	14256	18372	22644	26671	29950	31737	32499	32612
0°	4593	7246	10716	14616	18962	22938	27161	30490	32190	32802	32860
-2.5°	4559	7160	10703	14485	18894	23071	27239	30525	32344	33166	33299
-5°	4466	6959	10348	14115	18357	22539	26515	29984	32217	33458	34008
-7.5°	4287	6611	9741	13406	17487	21673	25727	29326	31895	33642	34717
-10°	3982	6102	8964	12510	16531	20520	24529	28264	31030	33133	34631
-12.5°	3566	5412	8018	11241	15283	19008	22803	26382	29401	31993	33542
-15°	3137	4693	7034	9983	13502	17170	20676	24188	27169	29593	31524
-17.5°	2831	4064	5895	8476	11566	15045	18466	21692	24382	26661	28686
-20°	2443	3359	4809	6979	9700	12741	16018	18889	21291	23428	25363

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REPORT NUMBER: P627626 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-730-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°	2135	2877	3924	5405	7848	10531	13212	15855	18113	20016	21668
-25°	1855	2376	3194	4398	5988	8304	10563	12795	14880	16649	18136
-27.5°	1636	2050	2595	3452	4658	6010	7989	9855	11647	13265	14667
-30°	1436	1746	2173	2709	3529	4534	5724	7119	8548	9825	11099
-32.5°	1292	1513	1806	2204	2664	3383	4102	5041	5946	6877	7791
-35°	1163	1341	1541	1807	2122	2541	3015	3589	4073	4682	5244
-37.5°	1075	1200	1353	1520	1746	1980	2301	2649	2949	3289	3574
-40°	1002	1100	1203	1316	1471	1629	1837	2032	2223	2430	2584
-42.5°	940	1019	1094	1181	1273	1400	1539	1661	1776	1898	1999
-45°	892	951	1011	1079	1148	1240	1339	1430	1505	1573	1628
-47.5°	840	893	946	998	1058	1124	1189	1247	1310	1363	1401
-50°	789	841	889	935	986	1038	1089	1136	1181	1220	1244
-52.5°	739	793	840	882	926	969	1011	1053	1092	1127	1143
-55°	702	751	799	836	873	910	947	987	1023	1057	1067
-57.5°	660	711	756	791	825	857	893	929	964	995	1005
-60°	612	665	706	738	773	808	841	874	906	934	945
-62.5°	555	602	640	672	703	732	768	803	837	864	881
-65°	488	529	564	597	627	655	689	721	752	776	793
-67.5°	428	460	490	519	548	578	608	638	667	688	702
-70°	370	400	427	454	480	506	531	556	581	599	613
-72.5°	312	338	362	386	410	432	454	476	497	513	526
-75°	258	280	301	321	341	359	376	393	409	423	435
-77.5°	203	221	239	256	273	288	301	314	326	338	349
-80°	156	169	182	195	208	218	229	238	248	257	265
-82.5°	112	120	129	137	146	154	161	168	175	181	188
-85°	71	76	81	85	90	95	99	103	108	112	116
-87.5°	34	36	38	40	43	45	47	49	51	53	55
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627626 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-730-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°	18	17	17	18	17	17	18	18	18	22	24
57.5°	88	82	77	71	77	82	88	91	88	86	81
55°	192	203	207	206	207	203	192	181	171	167	164
52.5°	273	278	277	271	277	278	273	264	252	238	223
50°	373	374	371	365	371	374	373	367	353	329	299
47.5°	524	532	536	535	536	532	524	510	483	449	416
45°	672	680	683	682	683	680	672	659	622	574	523
42.5°	846	859	863	859	863	859	846	824	784	720	647
40°	1198	1214	1207	1188	1207	1214	1198	1153	1075	968	875
37.5°	1816	1874	1899	1900	1899	1874	1816	1734	1619	1410	1262
35°	3132	3341	3437	3317	3437	3341	3132	2869	2576	2272	1908
32.5°	5230	5602	5811	5811	5811	5602	5230	4727	4109	3480	2851
30°	7787	8253	8514	8569	8514	8253	7787	7139	6282	5335	4254
27.5°	10440	10920	11170	11134	11170	10920	10440	9751	8868	7639	6261
25°	13101	13465	13675	13681	13675	13465	13101	12428	11413	10207	8591
22.5°	17032	17798	18113	18198	18113	17798	17032	15906	14905	13386	11570
20°	21317	22060	22539	22568	22539	22060	21317	20284	18757	17048	14812
17.5°	25400	25768	25836	25867	25836	25768	25400	24295	22738	20991	18152
15°	29249	29378	29718	29761	29718	29378	29249	28235	26494	24574	21834
12.5°	31077	31195	31136	30978	31136	31195	31077	30312	29094	27119	24435
10°	32073	31906	31659	31361	31659	31906	32073	31522	30626	29099	26500
7.5°	32298	32114	31677	31243	31677	32114	32298	32349	31737	30459	27972
5°	32406	31863	31311	30784	31311	31863	32406	32586	32244	31188	29093
2.5°	32342	31696	30939	30373	30939	31696	32342	32612	32499	31737	29950
0°	32549	31896	31102	30890	31102	31896	32549	32860	32802	32190	30490
-2.5°	33123	32594	32180	32066	32180	32594	33123	33299	33166	32344	30525
-5°	34157	34040	33336	33502	33336	34040	34157	34008	33458	32217	29984
-7.5°	35156	34990	34692	35078	34692	34990	35156	34717	33642	31895	29326
-10°	35421	35367	35506	35848	35506	35367	35421	34631	33133	31030	28264
-12.5°	34607	35034	35512	35872	35512	35034	34607	33542	31993	29401	26382
-15°	32793	33665	34380	34719	34380	33665	32793	31524	29593	27169	24188
-17.5°	30120	31190	32037	32278	32037	31190	30120	28686	26661	24382	21692
-20°	26830	27918	28688	28996	28688	27918	26830	25363	23428	21291	18889

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REPORT NUMBER: P627626 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	23127	24189	24888	25256	24888	24189	23127	21668	20016	18113	15855
-25°	19369	20302	20922	21086	20922	20302	19369	18136	16649	14880	12795
-27.5°	15775	16526	16983	17033	16983	16526	15775	14667	13265	11647	9855
-30°	12160	12857	13253	13463	13253	12857	12160	11099	9825	8548	7119
-32.5°	8540	9093	9428	9516	9428	9093	8540	7791	6877	5946	5041
-35°	5694	6038	6250	6293	6250	6038	5694	5244	4682	4073	3589
-37.5°	3807	3975	4078	4129	4078	3975	3807	3574	3289	2949	2649
-40°	2697	2776	2820	2829	2820	2776	2697	2584	2430	2223	2032
-42.5°	2063	2103	2124	2129	2124	2103	2063	1999	1898	1776	1661
-45°	1667	1695	1712	1717	1712	1695	1667	1628	1573	1505	1430
-47.5°	1426	1444	1455	1459	1455	1444	1426	1401	1363	1310	1247
-50°	1258	1268	1272	1270	1272	1268	1258	1244	1220	1181	1136
-52.5°	1152	1159	1161	1159	1161	1159	1152	1143	1127	1092	1053
-55°	1074	1079	1079	1076	1079	1079	1074	1067	1057	1023	987
-57.5°	1013	1020	1018	1012	1018	1020	1013	1005	995	964	929
-60°	954	961	961	959	961	961	954	945	934	906	874
-62.5°	895	906	908	906	908	906	895	881	864	837	803
-65°	809	823	823	818	823	823	809	793	776	752	721
-67.5°	715	725	726	723	726	725	715	702	688	667	638
-70°	626	637	638	635	638	637	626	613	599	581	556
-72.5°	539	550	552	553	552	550	539	526	513	497	476
-75°	446	456	455	453	455	456	446	435	423	409	393
-77.5°	359	368	367	365	367	368	359	349	338	326	314
-80°	273	281	279	276	279	281	273	265	257	248	238
-82.5°	194	199	197	194	197	199	194	188	181	175	168
-85°	119	123	123	124	123	123	119	116	112	108	103
-87.5°	57	59	56	53	56	59	57	55	53	51	49
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627626 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-730-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°	21	14	19	19	15	11	16	14	6	5	4
57.5°	75	70	66	60	51	45	41	39	35	21	8
55°	163	146	126	114	107	91	76	66	61	49	33
52.5°	209	201	186	161	147	139	121	103	88	76	60
50°	275	270	255	231	208	191	176	151	129	110	90
47.5°	385	361	343	322	283	251	231	210	178	152	128
45°	485	452	422	394	359	318	282	254	225	194	170
42.5°	601	544	493	463	422	381	340	304	266	233	205
40°	783	684	620	558	508	448	408	365	319	272	243
37.5°	1080	903	808	716	635	552	490	437	381	328	285
35°	1557	1298	1070	923	802	684	588	517	452	390	331
32.5°	2205	1816	1450	1203	987	824	702	608	518	450	388
30°	3256	2521	1944	1538	1241	990	813	692	587	503	442
27.5°	4875	3520	2673	1982	1538	1214	961	778	652	557	487
25°	6891	5075	3670	2673	1938	1479	1141	900	729	608	537
22.5°	9432	7259	5305	3495	2559	1907	1401	1024	814	694	600
20°	12563	9766	7322	5194	3497	2407	1722	1239	964	796	668
17.5°	15644	12764	9505	6962	4807	3267	2176	1513	1108	899	740
15°	18762	15366	11911	8931	6182	3987	2585	1778	1275	1014	822
12.5°	21145	17614	13769	10510	7276	4753	3102	2116	1484	1109	883
10°	23076	19417	15399	11750	8368	5537	3565	2369	1634	1187	933
7.5°	24573	20708	16665	12812	9253	6189	3939	2566	1752	1255	975
5°	25766	21821	17684	13683	9946	6673	4229	2718	1838	1313	1007
2.5°	26671	22644	18372	14256	10413	7009	4446	2847	1909	1368	1037
0°	27161	22938	18962	14616	10716	7246	4593	2947	1959	1412	1059
-2.5°	27239	23071	18894	14485	10703	7160	4559	2927	1965	1426	1075
-5°	26515	22539	18357	14115	10348	6959	4466	2866	1950	1424	1081
-7.5°	25727	21673	17487	13406	9741	6611	4287	2769	1918	1409	1077
-10°	24529	20520	16531	12510	8964	6102	3982	2621	1854	1375	1064
-12.5°	22803	19008	15283	11241	8018	5412	3566	2431	1759	1323	1040
-15°	20676	17170	13502	9983	7034	4693	3137	2197	1633	1252	1007
-17.5°	18466	15045	11566	8476	5895	4064	2831	2028	1522	1188	967
-20°	16018	12741	9700	6979	4809	3359	2443	1824	1416	1133	936

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CATALOG NUMBER: GFLD-SA5C-730-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°	13212	10531	7848	5405	3924	2877	2135	1626	1296	1065	899
-25°	10563	8304	5988	4398	3194	2376	1855	1482	1208	1003	858
-27.5°	7989	6010	4658	3452	2595	2050	1636	1330	1110	952	826
-30°	5724	4534	3529	2709	2173	1746	1436	1214	1038	901	790
-32.5°	4102	3383	2664	2204	1806	1513	1292	1108	970	856	761
-35°	3015	2541	2122	1807	1541	1341	1163	1030	912	811	733
-37.5°	2301	1980	1746	1520	1353	1200	1075	963	856	776	704
-40°	1837	1629	1471	1316	1203	1100	1002	903	820	741	674
-42.5°	1539	1400	1273	1181	1094	1019	940	862	785	711	644
-45°	1339	1240	1148	1079	1011	951	892	820	749	680	614
-47.5°	1189	1124	1058	998	946	893	840	778	709	644	587
-50°	1089	1038	986	935	889	841	789	729	668	613	557
-52.5°	1011	969	926	882	840	793	739	687	634	579	523
-55°	947	910	873	836	799	751	702	649	594	541	485
-57.5°	893	857	825	791	756	711	660	607	554	502	447
-60°	841	808	773	738	706	665	612	562	514	464	414
-62.5°	768	732	703	672	640	602	555	509	466	424	376
-65°	689	655	627	597	564	529	488	451	414	376	334
-67.5°	608	578	548	519	490	460	428	395	360	324	284
-70°	531	506	480	454	427	400	370	337	303	271	239
-72.5°	454	432	410	386	362	338	312	284	255	227	199
-75°	376	359	341	321	301	280	258	233	210	187	165
-77.5°	301	288	273	256	239	221	203	184	166	149	131
-80°	229	218	208	195	182	169	156	140	125	111	97
-82.5°	161	154	146	137	129	120	112	101	90	79	69
-85°	99	95	90	85	81	76	71	64	57	50	44
-87.5°	47	45	43	40	38	36	34	30	27	24	21
-90°	0	0	0	0	0	0	0	0	0	0	0

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CATALOG NUMBER: GFLD-SA5C-730-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°	3	4	3	2	3	5	5	4	3	3	1
60°	4	5	6	5	4	5	6	5	4	4	3
57.5°	7	6	7	6	5	5	6	6	5	5	4
55°	16	10	9	8	7	6	6	6	6	5	6
52.5°	41	22	14	11	9	7	7	6	6	6	6
50°	68	46	26	16	12	10	8	7	6	6	6
47.5°	101	74	48	26	18	12	10	8	6	6	7
45°	139	105	73	45	25	19	12	10	7	6	7
42.5°	180	142	103	65	43	29	15	12	9	7	8
40°	216	183	136	95	62	40	24	14	11	8	8
37.5°	252	220	175	125	82	57	36	16	13	10	8
35°	290	254	212	157	109	72	49	22	17	12	9
32.5°	328	287	242	190	136	87	63	35	21	14	9
30°	375	317	271	222	162	109	76	47	26	16	10
27.5°	422	346	297	248	190	132	90	58	31	19	12
25°	467	384	323	271	215	156	105	68	40	24	14
22.5°	513	424	346	293	239	179	123	80	48	28	15
20°	563	463	370	319	261	200	142	93	56	33	17
17.5°	615	504	410	345	283	220	160	106	63	38	19
15°	669	547	447	371	304	237	177	119	70	43	22
12.5°	716	585	479	397	324	253	192	131	75	48	26
10°	756	619	508	421	343	266	205	143	85	53	30
7.5°	791	648	534	445	361	281	216	152	95	57	35
5°	820	672	552	462	377	299	226	160	105	60	39
2.5°	842	691	566	477	389	315	234	166	114	62	43
0°	859	706	576	488	400	329	241	171	123	65	47
-2.5°	866	716	593	497	414	337	250	180	129	73	49
-5°	868	722	606	504	425	342	256	188	134	81	50
-7.5°	869	725	613	510	434	345	262	194	138	88	51
-10°	865	725	615	516	437	349	266	199	141	93	52
-12.5°	854	720	614	520	437	353	272	203	144	97	53
-15°	835	712	611	519	437	355	276	205	146	99	53
-17.5°	811	701	606	515	435	355	277	205	146	98	55
-20°	794	689	599	506	432	354	277	202	145	97	57

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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°	774	677	588	499	429	351	274	197	144	95	59
-25°	749	662	575	494	423	347	269	190	140	93	60
-27.5°	727	645	560	487	415	340	259	185	137	91	59
-30°	706	627	548	476	403	330	247	180	133	90	58
-32.5°	683	609	534	462	391	319	234	173	129	89	57
-35°	660	589	516	445	378	305	225	164	125	86	56
-37.5°	635	566	495	428	364	290	219	162	121	83	54
-40°	609	542	474	412	349	275	212	159	115	78	52
-42.5°	582	518	455	397	332	265	203	154	110	74	49
-45°	555	494	435	376	316	252	195	146	103	71	47
-47.5°	528	469	410	353	299	238	184	137	95	67	46
-50°	498	439	381	329	278	222	170	127	91	64	44
-52.5°	463	403	353	306	255	203	157	116	86	61	42
-55°	425	372	329	282	232	185	142	109	81	58	39
-57.5°	396	348	303	257	210	166	130	101	76	54	38
-60°	367	320	276	230	186	149	120	93	70	50	36
-62.5°	332	288	244	201	164	134	108	85	64	47	33
-65°	291	249	208	174	144	119	98	77	58	43	31
-67.5°	245	211	178	148	125	105	86	68	52	38	28
-70°	208	177	149	127	108	91	74	59	44	33	24
-72.5°	174	150	127	107	92	76	62	49	38	29	21
-75°	144	124	105	89	75	62	51	40	31	23	18
-77.5°	114	98	83	71	60	50	40	31	25	20	17
-80°	86	75	64	55	46	37	31	25	21	18	15
-82.5°	61	53	46	40	34	29	25	21	18	15	12
-85°	39	35	31	27	23	20	18	15	12	10	8
-87.5°	19	17	15	13	12	10	9	7	6	5	4
-90°	0	0	0	0	0	0	0	0	0	0	0

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CATALOG NUMBER: GFLD-SA5C-730-U-MWR-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	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	2	4	2	0	0	0
57.5°	2	3	4	3	0	0	0
55°	3	3	4	4	1	0	0
52.5°	4	3	4	4	1	0	0
50°	5	4	4	5	2	0	0
47.5°	6	4	4	6	2	0	0
45°	6	5	5	6	2	0	0
42.5°	7	5	5	6	3	0	0
40°	8	6	5	6	3	0	0
37.5°	8	6	5	6	3	0	0
35°	9	6	6	6	4	0	0
32.5°	10	7	6	6	4	0	0
30°	10	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°	11	10	6	6	5	0	0
20°	12	10	6	6	5	0	0
17.5°	12	10	6	6	5	0	0
15°	13	11	6	6	5	0	0
12.5°	13	11	6	6	6	0	0
10°	14	11	6	6	6	0	0
7.5°	15	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	12	6	6	6	0	0
-5°	24	13	7	6	6	0	0
-7.5°	26	13	7	6	6	0	0
-10°	29	14	8	6	6	1	0
-12.5°	31	14	8	6	6	1	0
-15°	32	15	9	6	6	1	0
-17.5°	33	15	9	6	6	1	0
-20°	33	15	9	6	5	1	0

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

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	34	15	9	6	5	1	0
-25°	34	16	9	6	5	1	0
-27.5°	33	17	9	6	5	1	0
-30°	33	18	9	6	5	1	0
-32.5°	32	19	9	6	5	1	0
-35°	32	19	9	6	5	1	0
-37.5°	32	19	10	6	5	1	0
-40°	32	20	10	6	5	1	0
-42.5°	32	20	10	6	5	1	0
-45°	31	19	10	6	5	1	0
-47.5°	30	19	11	7	5	1	0
-50°	30	19	11	7	5	1	0
-52.5°	29	18	11	7	5	1	0
-55°	27	17	11	7	5	1	0
-57.5°	26	17	11	7	5	1	0
-60°	25	16	10	7	5	1	0
-62.5°	23	15	10	7	5	1	0
-65°	21	14	10	7	5	1	0
-67.5°	19	13	10	7	4	1	0
-70°	17	13	9	7	4	1	0
-72.5°	16	12	9	6	3	1	0
-75°	14	11	9	6	3	1	0
-77.5°	13	10	8	5	2	1	0
-80°	12	9	6	4	2	1	0
-82.5°	9	7	5	3	2	0	0
-85°	6	4	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)