

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: P627846 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-722-U-MWR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627846 (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-SA6C-722-U-MWR-VSR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR  
Light Source: (96) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

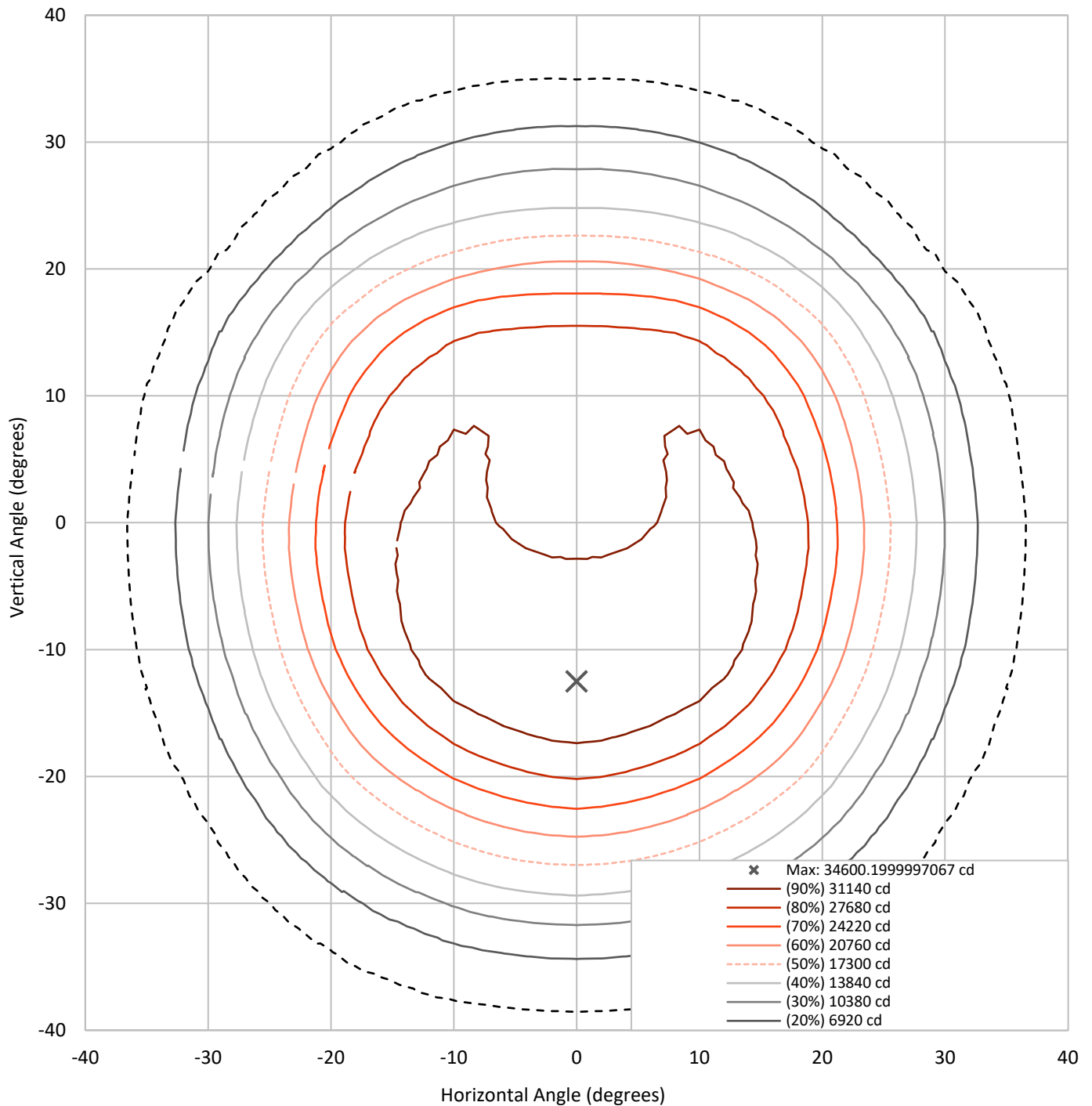
Lumens per Lamp: N/A  
Luminaire Lumens: 24697 lumens  
Efficiency: N/A  
Efficacy: 99.8 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
NEMA Type: 4H x 5V  
Max Intensity: 34600.2 candela  
Max Intensity Angle: 0°H x -12.5°V  
Beam Angle (50%): 46.4°H x 49.6°V  
Beam Lumens: 16542 lumens  
Beam Efficiency: 67.0%  
Field Angle (10%): 69.9°H x 73.3°V  
Field Lumens: 22260.5 lumens  
Field Efficiency: 90.1%

Input Watts (W): 247.5  
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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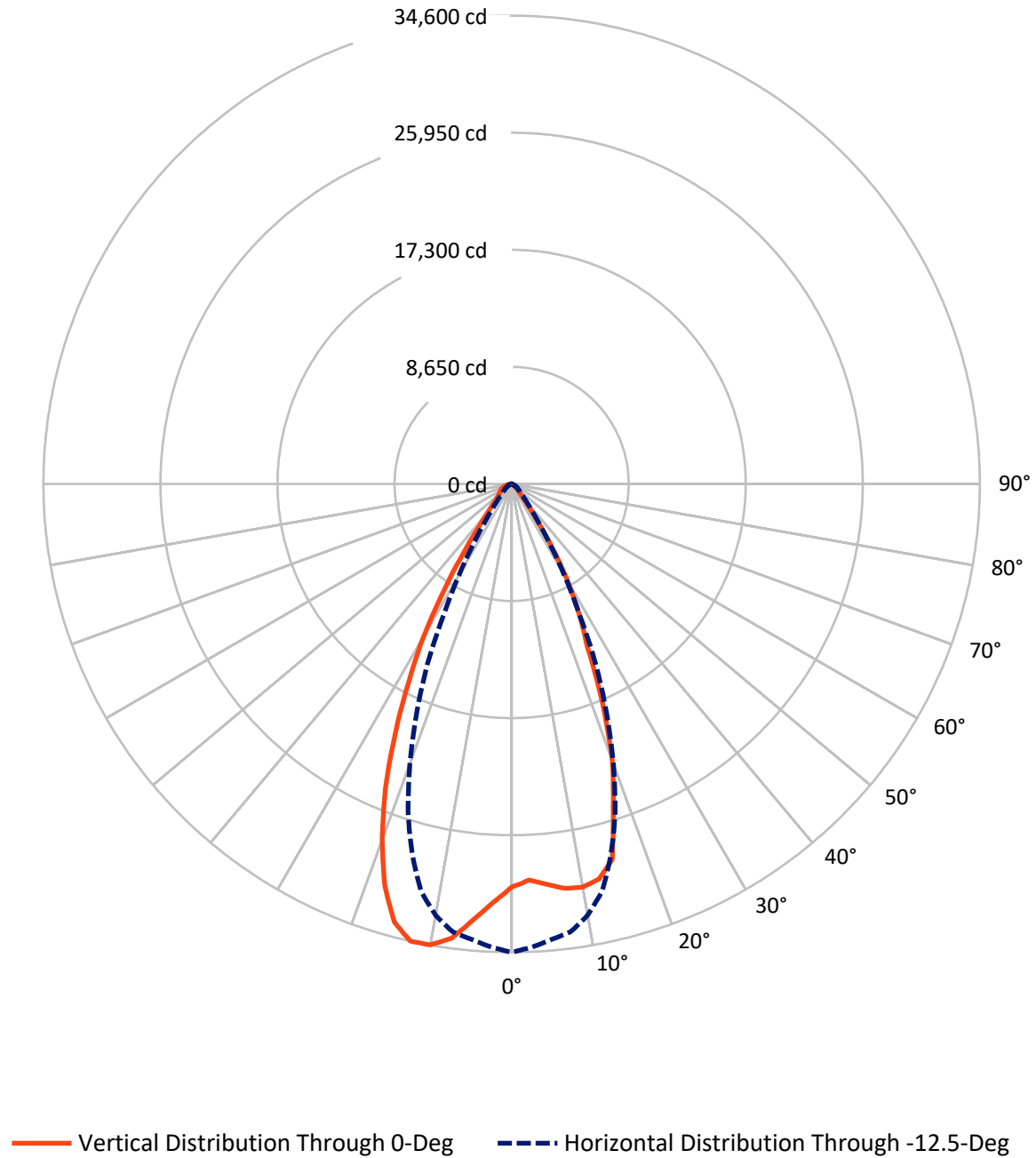
### Lumen Table

90																			
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	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0			
60		0.1	0.2	0.8	2.0	3.4	4.7	5.5	5.5	4.7	3.4	2.0	0.8	0.2	0.1				
50	0.1	0.1	1.0	3.5	6.9	11.3	16.9	20.8	20.8	16.9	11.3	6.9	3.5	1.0	0.1	0.1			
40		0.4	2.7	7.2	14.8	32.1	72.9	111.3	111.3	72.9	32.1	14.8	7.2	2.7	0.4				
30	0.3	1.0	4.6	11.5	31.0	114.8	295.6	413.2	413.2	295.6	114.8	31.0	11.5	4.6	1.0	0.3			
20		1.6	6.4	17.8	73.7	318.8	665.1	823.5	823.5	665.1	318.8	73.7	17.8	6.4	1.6				
10	0.5	2.2	8.0	23.0	117.4	469.5	857.5	929.7	929.7	857.5	469.5	117.4	23.0	8.0	2.2	0.5			
0		2.5	8.8	24.6	122.9	484.9	888.4	986.7	986.7	888.4	484.9	122.9	24.6	8.8	2.5				
-10	0.7	2.7	8.9	22.4	87.9	361.0	749.5	957.0	957.0	749.5	361.0	87.9	22.4	8.9	2.7	0.7			
-20		2.6	8.5	18.6	49.1	175.1	417.6	587.7	587.7	417.6	175.1	49.1	18.6	8.5	2.6				
-30	0.6	2.3	7.6	15.4	29.3	62.4	130.5	193.6	193.6	130.5	62.4	29.3	15.4	7.6	2.3	0.6			
-40		1.9	6.4	12.9	21.4	31.6	44.5	52.8	52.8	44.5	31.6	21.4	12.9	6.4	1.9				
-50	0.5	1.5	4.8	10.1	16.8	23.3	29.1	31.8	31.8	29.1	23.3	16.8	10.1	4.8	1.5	0.5			
-60		1.0	3.1	6.9	11.8	16.7	21.1	23.6	23.6	21.1	16.7	11.8	6.9	3.1	1.0				
-70	0.2	2.7		12.4		26.5		34.0		26.5		12.4		2.7		0.2			
-80		2.7		12.4		26.5		34.0		26.5		12.4		2.7					
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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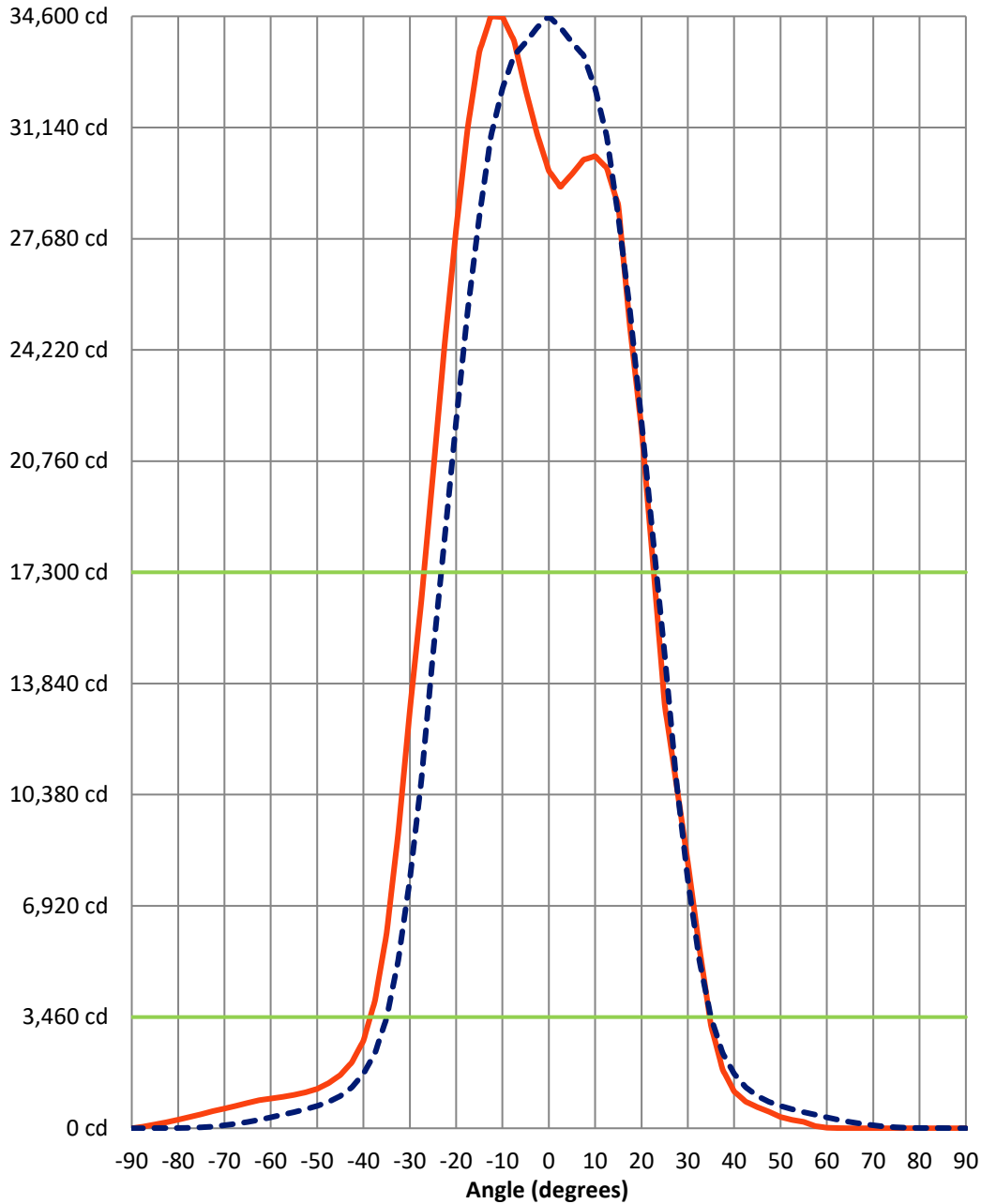
CATALOG NUMBER: GFLD-SA6C-722-U-MWR-VSR-XX

### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 46.4°  
 V Angle: 49.6°  
 Lumens: 16542  
 Efficiency: 67.0%

**Field:**  
 H Angle: 69.9°  
 V Angle: 73.3°  
 Lumens: 22260.5  
 Efficiency: 90.1%

**Spill:**  
 Lumens: 2436.4  
 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	0	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	5	4	4	6	6	6	6	8
45°	0	0	2	6	4	5	6	7	6	7	9
42.5°	0	0	3	6	5	5	7	7	6	9	11
40°	0	0	3	6	5	5	7	8	7	10	14
37.5°	0	0	3	6	5	6	8	8	9	13	16
35°	0	0	4	6	5	6	9	8	11	16	21
32.5°	0	0	4	6	6	7	10	9	13	20	34
30°	0	0	4	6	6	7	10	9	16	25	45
27.5°	0	0	4	6	6	8	10	11	19	30	56
25°	0	0	5	6	6	9	10	13	23	38	66
22.5°	0	0	5	6	6	9	11	15	27	47	78
20°	0	0	5	6	6	10	11	17	32	54	90
17.5°	0	0	5	6	6	10	12	19	37	61	102
15°	0	0	5	6	6	10	12	21	42	67	114
12.5°	0	0	5	6	6	11	13	25	47	73	127
10°	0	0	6	6	6	11	14	29	51	82	138
7.5°	0	0	6	6	6	11	15	33	55	91	147
5°	0	0	6	6	6	11	15	38	58	101	154
2.5°	0	0	6	6	6	11	16	42	60	110	160
0°	0	0	6	6	6	11	17	45	62	119	164
-2.5°	0	0	6	6	6	12	20	47	70	124	173
-5°	0	0	6	6	7	12	23	48	78	129	181
-7.5°	0	0	6	6	7	13	25	49	85	133	187
-10°	0	0	6	6	8	13	28	50	90	136	192
-12.5°	0	1	5	6	8	14	30	51	94	139	196
-15°	0	1	5	6	8	14	31	52	95	141	198
-17.5°	0	1	5	6	8	14	32	53	95	141	198
-20°	0	1	5	6	9	15	32	55	93	140	195

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CATALOG NUMBER: GFLD-SA6C-722-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	33	57	92	138	190
-25°	0	1	5	6	9	16	32	57	90	135	183
-27.5°	0	1	5	6	9	17	32	57	88	132	179
-30°	0	1	5	6	8	17	32	56	87	128	173
-32.5°	0	1	5	6	9	18	31	55	86	124	167
-35°	0	1	5	6	9	18	31	54	83	120	158
-37.5°	0	1	5	6	9	19	31	52	80	116	156
-40°	0	1	5	6	9	19	31	50	75	111	153
-42.5°	0	1	5	6	10	19	31	48	71	106	148
-45°	0	1	5	6	10	19	30	46	68	99	141
-47.5°	0	1	5	6	10	18	29	44	65	92	132
-50°	0	1	5	7	10	18	28	43	62	88	122
-52.5°	0	1	5	7	10	17	28	40	59	83	111
-55°	0	1	5	7	10	17	27	38	56	78	105
-57.5°	0	1	5	7	10	16	25	36	52	73	97
-60°	0	1	5	7	10	16	24	34	49	68	89
-62.5°	0	1	5	7	10	15	22	32	45	62	82
-65°	0	1	4	7	10	14	21	30	41	56	74
-67.5°	0	1	4	7	9	13	19	27	37	50	66
-70°	0	1	4	7	9	12	16	23	32	43	57
-72.5°	0	1	3	6	9	12	15	20	28	37	47
-75°	0	1	3	5	8	11	14	18	22	30	39
-77.5°	0	1	2	5	7	10	13	16	20	24	30
-80°	0	0	2	4	6	8	11	14	17	21	24
-82.5°	0	0	1	3	4	6	9	11	14	17	20
-85°	0	0	1	2	3	4	6	8	10	12	14
-87.5°	0	0	0	1	1	2	3	4	5	6	7
-90°	0	0	0	0	0	0	0	0	0	0	0





REPORT NUMBER: P627846 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-722-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	0	0	0	0	0	0	0	0
67.5°	0	2	2	1	0	0	0	0	0	0	0
65°	3	4	3	1	0	1	2	2	0	0	0
62.5°	5	4	3	2	3	4	3	2	1	1	2
60°	6	5	4	5	6	5	4	4	5	5	13
57.5°	6	5	5	6	6	6	7	8	20	34	38
55°	6	6	6	8	9	10	15	32	47	59	63
52.5°	6	6	9	11	13	21	39	58	73	85	100
50°	7	9	12	16	25	44	66	87	106	124	146
47.5°	9	12	17	25	46	71	97	123	146	172	203
45°	12	18	24	44	70	101	134	163	187	217	245
42.5°	14	28	41	62	100	137	174	198	225	257	293
40°	24	39	60	91	131	176	209	235	263	308	352
37.5°	35	55	79	120	168	212	243	275	316	368	421
35°	47	70	105	152	205	245	280	320	376	436	499
32.5°	60	84	131	184	234	277	316	375	434	500	587
30°	73	105	157	214	261	306	361	426	485	566	667
27.5°	86	127	183	239	287	334	407	470	537	629	751
25°	101	150	207	261	311	370	451	518	587	704	868
22.5°	119	172	231	283	334	409	495	578	669	785	988
20°	137	193	252	308	357	447	543	645	768	930	1195
17.5°	155	212	273	333	395	486	593	714	867	1069	1459
15°	170	229	293	358	431	527	645	793	978	1229	1715
12.5°	185	244	313	383	462	564	690	851	1070	1431	2041
10°	198	257	331	406	490	597	729	900	1145	1576	2285
7.5°	208	271	348	429	515	625	763	940	1211	1690	2475
5°	218	288	363	446	533	648	791	971	1266	1773	2622
2.5°	226	304	376	460	546	667	812	1000	1320	1842	2746
0°	233	318	386	471	556	681	828	1021	1361	1889	2842
-2.5°	241	325	399	480	572	691	836	1037	1375	1896	2823
-5°	247	330	410	486	584	696	838	1042	1373	1881	2765
-7.5°	253	333	418	492	591	699	839	1039	1359	1850	2670
-10°	257	336	421	498	593	699	834	1026	1327	1788	2528
-12.5°	262	340	422	501	592	695	823	1003	1276	1697	2345
-15°	266	342	421	501	589	687	806	971	1208	1575	2119
-17.5°	268	342	420	496	585	676	782	933	1146	1468	1957
-20°	267	341	417	488	578	665	766	903	1093	1366	1759

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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°	265	339	414	481	567	653	747	867	1027	1250	1568
-25°	259	335	408	477	554	639	723	828	967	1165	1429
-27.5°	250	328	400	470	541	622	701	797	919	1071	1283
-30°	238	318	389	459	529	605	681	762	869	1001	1171
-32.5°	225	308	377	445	515	588	659	734	826	936	1069
-35°	217	294	364	429	498	568	637	707	782	880	994
-37.5°	212	280	351	412	478	546	612	679	748	825	929
-40°	205	266	336	398	457	523	587	650	714	791	871
-42.5°	196	256	320	383	439	500	561	621	686	757	831
-45°	188	243	305	363	420	477	536	592	655	722	791
-47.5°	177	230	288	340	396	453	510	566	622	684	751
-50°	164	214	268	317	367	424	480	537	592	645	703
-52.5°	151	195	246	295	341	388	447	504	558	611	662
-55°	137	178	224	272	317	359	410	468	522	573	626
-57.5°	125	160	202	248	293	336	382	431	485	534	586
-60°	115	144	180	222	266	309	354	400	448	496	542
-62.5°	105	129	158	193	235	278	320	363	409	450	491
-65°	95	114	139	168	201	240	280	322	363	400	435
-67.5°	83	101	121	143	172	204	237	274	312	348	381
-70°	72	87	104	123	144	171	201	231	261	293	325
-72.5°	60	74	88	103	122	145	168	192	219	246	274
-75°	49	60	72	86	101	119	139	160	181	202	225
-77.5°	39	48	58	68	80	94	110	126	143	161	178
-80°	30	36	44	53	62	72	83	94	107	121	135
-82.5°	24	28	33	39	45	51	59	67	76	87	97
-85°	17	20	23	26	30	34	38	42	48	55	62
-87.5°	8	10	11	13	15	16	18	20	23	26	29
-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°	15	11	14	18	18	13	20	23	21	17	18
57.5°	40	43	49	57	63	67	72	78	83	85	88
55°	73	87	103	110	122	140	157	158	161	165	175
52.5°	117	134	141	155	179	194	202	215	229	243	255
50°	169	184	201	223	246	261	266	289	317	340	354
47.5°	223	242	273	311	331	348	371	401	433	466	492
45°	272	307	346	380	407	435	468	505	554	600	635
42.5°	328	367	407	447	476	524	580	624	694	756	795
40°	394	432	490	538	598	659	755	844	933	1037	1112
37.5°	473	532	613	691	780	871	1042	1217	1360	1561	1673
35°	567	660	774	890	1032	1252	1502	1840	2192	2485	2767
32.5°	677	795	952	1161	1399	1751	2127	2750	3357	3964	4559
30°	784	955	1197	1483	1875	2432	3140	4103	5146	6060	6886
27.5°	927	1171	1483	1912	2578	3395	4702	6039	7368	8554	9405
25°	1101	1427	1869	2579	3540	4895	6647	8286	9845	11008	11987
22.5°	1351	1840	2468	3371	5117	7001	9098	11160	12911	14376	15342
20°	1661	2321	3373	5010	7063	9419	12117	14287	16444	18092	19565
17.5°	2099	3151	4636	6715	9168	12311	15089	17509	20247	21932	23434
15°	2493	3846	5963	8615	11489	14821	18097	21060	23703	25555	27234
12.5°	2992	4584	7018	10137	13281	16990	20396	23569	26157	28063	29238
10°	3439	5341	8072	11334	14853	18728	22258	25560	28068	29541	30405
7.5°	3799	5970	8925	12358	16074	19974	23702	26980	29380	30612	31202
5°	4079	6436	9594	13198	17057	21048	24853	28061	30082	31101	31431
2.5°	4289	6761	10044	13750	17721	21841	25726	28888	30612	31347	31456
0°	4431	6989	10336	14098	18290	22125	26198	29409	31049	31639	31695
-2.5°	4397	6907	10323	13972	18225	22253	26274	29442	31197	31990	32119
-5°	4308	6712	9981	13614	17706	21740	25575	28921	31075	32272	32802
-7.5°	4135	6377	9396	12931	16867	20905	24815	28287	30765	32449	33487
-10°	3841	5886	8647	12067	15945	19793	23659	27262	29930	31958	33403
-12.5°	3440	5220	7734	10843	14741	18334	21994	25446	28359	30859	32353
-15°	3026	4527	6785	9629	13024	16561	19943	23330	26205	28544	30407
-17.5°	2730	3920	5686	8175	11156	14512	17811	20923	23517	25716	27669
-20°	2357	3240	4639	6732	9356	12290	15450	18220	20536	22598	24464

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REPORT NUMBER: P627846 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-722-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°	2060	2775	3785	5213	7570	10158	12743	15293	17471	19306	20900
-25°	1790	2292	3081	4242	5775	8010	10189	12341	14352	16058	17493
-27.5°	1578	1977	2503	3330	4493	5797	7706	9506	11234	12795	14147
-30°	1385	1684	2096	2613	3404	4373	5521	6866	8245	9476	10706
-32.5°	1246	1460	1742	2126	2569	3263	3957	4862	5735	6633	7515
-35°	1122	1294	1486	1743	2047	2451	2909	3462	3928	4516	5058
-37.5°	1037	1158	1305	1467	1684	1910	2220	2555	2845	3172	3448
-40°	966	1061	1160	1270	1419	1572	1772	1960	2144	2343	2492
-42.5°	907	983	1055	1139	1228	1350	1484	1602	1713	1831	1928
-45°	860	917	975	1040	1108	1196	1291	1379	1452	1517	1570
-47.5°	810	861	912	963	1020	1084	1147	1203	1264	1314	1351
-50°	761	811	858	901	951	1002	1051	1096	1139	1177	1200
-52.5°	713	765	810	851	893	934	975	1016	1053	1087	1102
-55°	677	725	771	807	842	877	914	952	987	1019	1029
-57.5°	636	685	730	763	796	827	861	896	930	960	970
-60°	590	642	681	712	745	780	811	843	874	900	911
-62.5°	535	581	617	648	678	706	741	775	807	834	849
-65°	470	510	544	576	605	632	665	696	725	748	765
-67.5°	413	444	473	500	529	557	587	616	644	664	678
-70°	356	385	412	438	463	488	512	537	560	578	592
-72.5°	301	326	349	372	395	417	438	459	479	495	508
-75°	249	270	290	310	329	346	363	379	394	408	419
-77.5°	196	214	231	247	264	277	290	303	314	326	336
-80°	150	163	175	188	200	211	220	230	239	248	256
-82.5°	108	116	124	132	141	148	155	162	169	175	181
-85°	68	73	78	82	87	91	96	100	104	108	112
-87.5°	32	35	37	39	41	43	45	47	49	51	53
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627846 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-722-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	5	6	6	6	5	5	5	4	4	4
60°	18	17	17	17	17	17	18	18	17	21	23
57.5°	85	79	74	68	74	79	85	88	85	83	78
55°	185	196	200	199	200	196	185	175	165	161	158
52.5°	263	268	267	261	267	268	263	255	243	229	215
50°	360	361	357	352	357	361	360	354	340	317	289
47.5°	506	513	517	516	517	513	506	492	466	433	401
45°	649	656	659	658	659	656	649	635	600	554	505
42.5°	816	828	833	828	833	828	816	795	756	694	624
40°	1156	1171	1164	1146	1164	1171	1156	1112	1037	933	844
37.5°	1751	1808	1832	1832	1832	1808	1751	1673	1561	1360	1217
35°	3021	3223	3316	3200	3316	3223	3021	2767	2485	2192	1840
32.5°	5045	5403	5605	5605	5605	5403	5045	4559	3964	3357	2750
30°	7511	7960	8212	8266	8212	7960	7511	6886	6060	5146	4103
27.5°	10070	10533	10774	10739	10774	10533	10070	9405	8554	7368	6039
25°	12636	12987	13190	13196	13190	12987	12636	11987	11008	9845	8286
22.5°	16428	17167	17471	17553	17471	17167	16428	15342	14376	12911	11160
20°	20562	21278	21740	21768	21740	21278	20562	19565	18092	16444	14287
17.5°	24500	24855	24921	24950	24921	24855	24500	23434	21932	20247	17509
15°	28212	28336	28665	28706	28665	28336	28212	27234	25555	23703	21060
12.5°	29975	30089	30033	29880	30033	30089	29975	29238	28063	26157	23569
10°	30936	30775	30536	30249	30536	30775	30936	30405	29541	28068	25560
7.5°	31154	30975	30554	30135	30554	30975	31154	31202	30612	29380	26980
5°	31257	30733	30201	29693	30201	30733	31257	31431	31101	30082	28061
2.5°	31196	30573	29842	29296	29842	30573	31196	31456	31347	30612	28888
0°	31395	30765	29999	29795	29999	30765	31395	31695	31639	31049	29409
-2.5°	31949	31439	31039	30930	31039	31439	31949	32119	31990	31197	29442
-5°	32946	32834	32154	32314	32154	32834	32946	32802	32272	31075	28921
-7.5°	33909	33750	33462	33834	33462	33750	33909	33487	32449	30765	28287
-10°	34165	34113	34247	34577	34247	34113	34165	33403	31958	29930	27262
-12.5°	33380	33792	34253	34600	34253	33792	33380	32353	30859	28359	25446
-15°	31630	32471	33161	33488	33161	32471	31630	30407	28544	26205	23330
-17.5°	29052	30084	30901	31134	30901	30084	29052	27669	25716	23517	20923
-20°	25878	26928	27671	27968	27671	26928	25878	24464	22598	20536	18220

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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°	22307	23331	24005	24360	24005	23331	22307	20900	19306	17471	15293
-25°	18682	19583	20181	20338	20181	19583	18682	17493	16058	14352	12341
-27.5°	15216	15940	16381	16429	16381	15940	15216	14147	12795	11234	9506
-30°	11728	12401	12783	12986	12783	12401	11728	10706	9476	8245	6866
-32.5°	8237	8771	9094	9179	9094	8771	8237	7515	6633	5735	4862
-35°	5492	5824	6029	6070	6029	5824	5492	5058	4516	3928	3462
-37.5°	3672	3834	3934	3982	3934	3834	3672	3448	3172	2845	2555
-40°	2602	2678	2720	2729	2720	2678	2602	2492	2343	2144	1960
-42.5°	1990	2028	2048	2054	2048	2028	1990	1928	1831	1713	1602
-45°	1608	1635	1651	1657	1651	1635	1608	1570	1517	1452	1379
-47.5°	1375	1393	1403	1407	1403	1393	1375	1351	1314	1264	1203
-50°	1213	1223	1227	1225	1227	1223	1213	1200	1177	1139	1096
-52.5°	1111	1118	1120	1118	1120	1118	1111	1102	1087	1053	1016
-55°	1036	1040	1041	1038	1041	1040	1036	1029	1019	987	952
-57.5°	978	983	982	976	982	983	978	970	960	930	896
-60°	920	927	927	925	927	927	920	911	900	874	843
-62.5°	863	874	876	874	876	874	863	849	834	807	775
-65°	780	794	794	789	794	794	780	765	748	725	696
-67.5°	689	699	700	698	700	699	689	678	664	644	616
-70°	604	615	615	613	615	615	604	592	578	560	537
-72.5°	520	530	533	533	533	530	520	508	495	479	459
-75°	430	440	439	437	439	440	430	419	408	394	379
-77.5°	346	355	354	352	354	355	346	336	326	314	303
-80°	264	271	269	267	269	271	264	256	248	239	230
-82.5°	187	192	190	187	190	192	187	181	175	169	162
-85°	115	119	119	119	119	119	115	112	108	104	100
-87.5°	55	56	54	51	54	56	55	53	51	49	47
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627846 (CONVERTED FROM TYPE C PHOTOMETRY)  
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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°	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°	20	13	18	18	14	11	15	13	5	5	4
57.5°	72	67	63	57	49	43	40	38	34	20	8
55°	157	140	122	110	103	87	73	63	59	47	32
52.5°	202	194	179	155	141	134	117	100	85	73	58
50°	266	261	246	223	201	184	169	146	124	106	87
47.5°	371	348	331	311	273	242	223	203	172	146	123
45°	468	435	407	380	346	307	272	245	217	187	163
42.5°	580	524	476	447	407	367	328	293	257	225	198
40°	755	659	598	538	490	432	394	352	308	263	235
37.5°	1042	871	780	691	613	532	473	421	368	316	275
35°	1502	1252	1032	890	774	660	567	499	436	376	320
32.5°	2127	1751	1399	1161	952	795	677	587	500	434	375
30°	3140	2432	1875	1483	1197	955	784	667	566	485	426
27.5°	4702	3395	2578	1912	1483	1171	927	751	629	537	470
25°	6647	4895	3540	2579	1869	1427	1101	868	704	587	518
22.5°	9098	7001	5117	3371	2468	1840	1351	988	785	669	578
20°	12117	9419	7063	5010	3373	2321	1661	1195	930	768	645
17.5°	15089	12311	9168	6715	4636	3151	2099	1459	1069	867	714
15°	18097	14821	11489	8615	5963	3846	2493	1715	1229	978	793
12.5°	20396	16990	13281	10137	7018	4584	2992	2041	1431	1070	851
10°	22258	18728	14853	11334	8072	5341	3439	2285	1576	1145	900
7.5°	23702	19974	16074	12358	8925	5970	3799	2475	1690	1211	940
5°	24853	21048	17057	13198	9594	6436	4079	2622	1773	1266	971
2.5°	25726	21841	17721	13750	10044	6761	4289	2746	1842	1320	1000
0°	26198	22125	18290	14098	10336	6989	4431	2842	1889	1361	1021
-2.5°	26274	22253	18225	13972	10323	6907	4397	2823	1896	1375	1037
-5°	25575	21740	17706	13614	9981	6712	4308	2765	1881	1373	1042
-7.5°	24815	20905	16867	12931	9396	6377	4135	2670	1850	1359	1039
-10°	23659	19793	15945	12067	8647	5886	3841	2528	1788	1327	1026
-12.5°	21994	18334	14741	10843	7734	5220	3440	2345	1697	1276	1003
-15°	19943	16561	13024	9629	6785	4527	3026	2119	1575	1208	971
-17.5°	17811	14512	11156	8175	5686	3920	2730	1957	1468	1146	933
-20°	15450	12290	9356	6732	4639	3240	2357	1759	1366	1093	903

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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°	12743	10158	7570	5213	3785	2775	2060	1568	1250	1027	867
-25°	10189	8010	5775	4242	3081	2292	1790	1429	1165	967	828
-27.5°	7706	5797	4493	3330	2503	1977	1578	1283	1071	919	797
-30°	5521	4373	3404	2613	2096	1684	1385	1171	1001	869	762
-32.5°	3957	3263	2569	2126	1742	1460	1246	1069	936	826	734
-35°	2909	2451	2047	1743	1486	1294	1122	994	880	782	707
-37.5°	2220	1910	1684	1467	1305	1158	1037	929	825	748	679
-40°	1772	1572	1419	1270	1160	1061	966	871	791	714	650
-42.5°	1484	1350	1228	1139	1055	983	907	831	757	686	621
-45°	1291	1196	1108	1040	975	917	860	791	722	655	592
-47.5°	1147	1084	1020	963	912	861	810	751	684	622	566
-50°	1051	1002	951	901	858	811	761	703	645	592	537
-52.5°	975	934	893	851	810	765	713	662	611	558	504
-55°	914	877	842	807	771	725	677	626	573	522	468
-57.5°	861	827	796	763	730	685	636	586	534	485	431
-60°	811	780	745	712	681	642	590	542	496	448	400
-62.5°	741	706	678	648	617	581	535	491	450	409	363
-65°	665	632	605	576	544	510	470	435	400	363	322
-67.5°	587	557	529	500	473	444	413	381	348	312	274
-70°	512	488	463	438	412	385	356	325	293	261	231
-72.5°	438	417	395	372	349	326	301	274	246	219	192
-75°	363	346	329	310	290	270	249	225	202	181	160
-77.5°	290	277	264	247	231	214	196	178	161	143	126
-80°	220	211	200	188	175	163	150	135	121	107	94
-82.5°	155	148	141	132	124	116	108	97	87	76	67
-85°	96	91	87	82	78	73	68	62	55	48	42
-87.5°	45	43	41	39	37	35	32	29	26	23	20
-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	1	0	0	0	0	0	0
67.5°	0	0	0	1	2	2	0	1	1	0	0
65°	2	1	0	1	3	4	3	2	2	1	0
62.5°	3	4	3	2	3	4	5	4	3	3	1
60°	4	5	6	5	4	5	6	5	4	4	3
57.5°	7	6	6	6	5	5	6	6	5	5	4
55°	15	10	9	8	6	6	6	6	6	5	6
52.5°	39	21	13	11	9	6	6	6	6	6	6
50°	66	44	25	16	12	9	7	7	6	6	6
47.5°	97	71	46	25	17	12	9	8	6	6	6
45°	134	101	70	44	24	18	12	9	7	6	7
42.5°	174	137	100	62	41	28	14	11	9	6	7
40°	209	176	131	91	60	39	24	14	10	7	8
37.5°	243	212	168	120	79	55	35	16	13	9	8
35°	280	245	205	152	105	70	47	21	16	11	8
32.5°	316	277	234	184	131	84	60	34	20	13	9
30°	361	306	261	214	157	105	73	45	25	16	9
27.5°	407	334	287	239	183	127	86	56	30	19	11
25°	451	370	311	261	207	150	101	66	38	23	13
22.5°	495	409	334	283	231	172	119	78	47	27	15
20°	543	447	357	308	252	193	137	90	54	32	17
17.5°	593	486	395	333	273	212	155	102	61	37	19
15°	645	527	431	358	293	229	170	114	67	42	21
12.5°	690	564	462	383	313	244	185	127	73	47	25
10°	729	597	490	406	331	257	198	138	82	51	29
7.5°	763	625	515	429	348	271	208	147	91	55	33
5°	791	648	533	446	363	288	218	154	101	58	38
2.5°	812	667	546	460	376	304	226	160	110	60	42
0°	828	681	556	471	386	318	233	164	119	62	45
-2.5°	836	691	572	480	399	325	241	173	124	70	47
-5°	838	696	584	486	410	330	247	181	129	78	48
-7.5°	839	699	591	492	418	333	253	187	133	85	49
-10°	834	699	593	498	421	336	257	192	136	90	50
-12.5°	823	695	592	501	422	340	262	196	139	94	51
-15°	806	687	589	501	421	342	266	198	141	95	52
-17.5°	782	676	585	496	420	342	268	198	141	95	53
-20°	766	665	578	488	417	341	267	195	140	93	55

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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°	747	653	567	481	414	339	265	190	138	92	57
-25°	723	639	554	477	408	335	259	183	135	90	57
-27.5°	701	622	541	470	400	328	250	179	132	88	57
-30°	681	605	529	459	389	318	238	173	128	87	56
-32.5°	659	588	515	445	377	308	225	167	124	86	55
-35°	637	568	498	429	364	294	217	158	120	83	54
-37.5°	612	546	478	412	351	280	212	156	116	80	52
-40°	587	523	457	398	336	266	205	153	111	75	50
-42.5°	561	500	439	383	320	256	196	148	106	71	48
-45°	536	477	420	363	305	243	188	141	99	68	46
-47.5°	510	453	396	340	288	230	177	132	92	65	44
-50°	480	424	367	317	268	214	164	122	88	62	43
-52.5°	447	388	341	295	246	195	151	111	83	59	40
-55°	410	359	317	272	224	178	137	105	78	56	38
-57.5°	382	336	293	248	202	160	125	97	73	52	36
-60°	354	309	266	222	180	144	115	89	68	49	34
-62.5°	320	278	235	193	158	129	105	82	62	45	32
-65°	280	240	201	168	139	114	95	74	56	41	30
-67.5°	237	204	172	143	121	101	83	66	50	37	27
-70°	201	171	144	123	104	87	72	57	43	32	23
-72.5°	168	145	122	103	88	74	60	47	37	28	20
-75°	139	119	101	86	72	60	49	39	30	22	18
-77.5°	110	94	80	68	58	48	39	30	24	20	16
-80°	83	72	62	53	44	36	30	24	21	17	14
-82.5°	59	51	45	39	33	28	24	20	17	14	11
-85°	38	34	30	26	23	20	17	14	12	10	8
-87.5°	18	16	15	13	11	10	8	7	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	0	0	0	0	0	0
72.5°	0	1	1	0	0	0	0
70°	0	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	5	2	0	0
45°	6	5	4	6	2	0	0
42.5°	7	5	5	6	3	0	0
40°	7	5	5	6	3	0	0
37.5°	8	6	5	6	3	0	0
35°	9	6	5	6	4	0	0
32.5°	10	7	6	6	4	0	0
30°	10	7	6	6	4	0	0
27.5°	10	8	6	6	4	0	0
25°	10	9	6	6	5	0	0
22.5°	11	9	6	6	5	0	0
20°	11	10	6	6	5	0	0
17.5°	12	10	6	6	5	0	0
15°	12	10	6	6	5	0	0
12.5°	13	11	6	6	5	0	0
10°	14	11	6	6	6	0	0
7.5°	15	11	6	6	6	0	0
5°	15	11	6	6	6	0	0
2.5°	16	11	6	6	6	0	0
0°	17	11	6	6	6	0	0
-2.5°	20	12	6	6	6	0	0
-5°	23	12	7	6	6	0	0
-7.5°	25	13	7	6	6	0	0
-10°	28	13	8	6	6	0	0
-12.5°	30	14	8	6	5	1	0
-15°	31	14	8	6	5	1	0
-17.5°	32	14	8	6	5	1	0
-20°	32	15	9	6	5	1	0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	33	15	9	6	5	1	0
-25°	32	16	9	6	5	1	0
-27.5°	32	17	9	6	5	1	0
-30°	32	17	8	6	5	1	0
-32.5°	31	18	9	6	5	1	0
-35°	31	18	9	6	5	1	0
-37.5°	31	19	9	6	5	1	0
-40°	31	19	9	6	5	1	0
-42.5°	31	19	10	6	5	1	0
-45°	30	19	10	6	5	1	0
-47.5°	29	18	10	6	5	1	0
-50°	28	18	10	7	5	1	0
-52.5°	28	17	10	7	5	1	0
-55°	27	17	10	7	5	1	0
-57.5°	25	16	10	7	5	1	0
-60°	24	16	10	7	5	1	0
-62.5°	22	15	10	7	5	1	0
-65°	21	14	10	7	4	1	0
-67.5°	19	13	9	7	4	1	0
-70°	16	12	9	7	4	1	0
-72.5°	15	12	9	6	3	1	0
-75°	14	11	8	5	3	1	0
-77.5°	13	10	7	5	2	1	0
-80°	11	8	6	4	2	0	0
-82.5°	9	6	4	3	1	0	0
-85°	6	4	3	2	1	0	0
-87.5°	3	2	1	1	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)