

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: P627906 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-722-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627906 (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-SA6D-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: 30818.3 lumens
Efficiency: N/A
Efficacy: 94.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
NEMA Type: 4H x 5V
Max Intensity: 43176.1 candela
Max Intensity Angle: 0°H x -12.5°V
Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 20642 lumens
Beam Efficiency: 67.0%
Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 27778 lumens
Field Efficiency: 90.1%

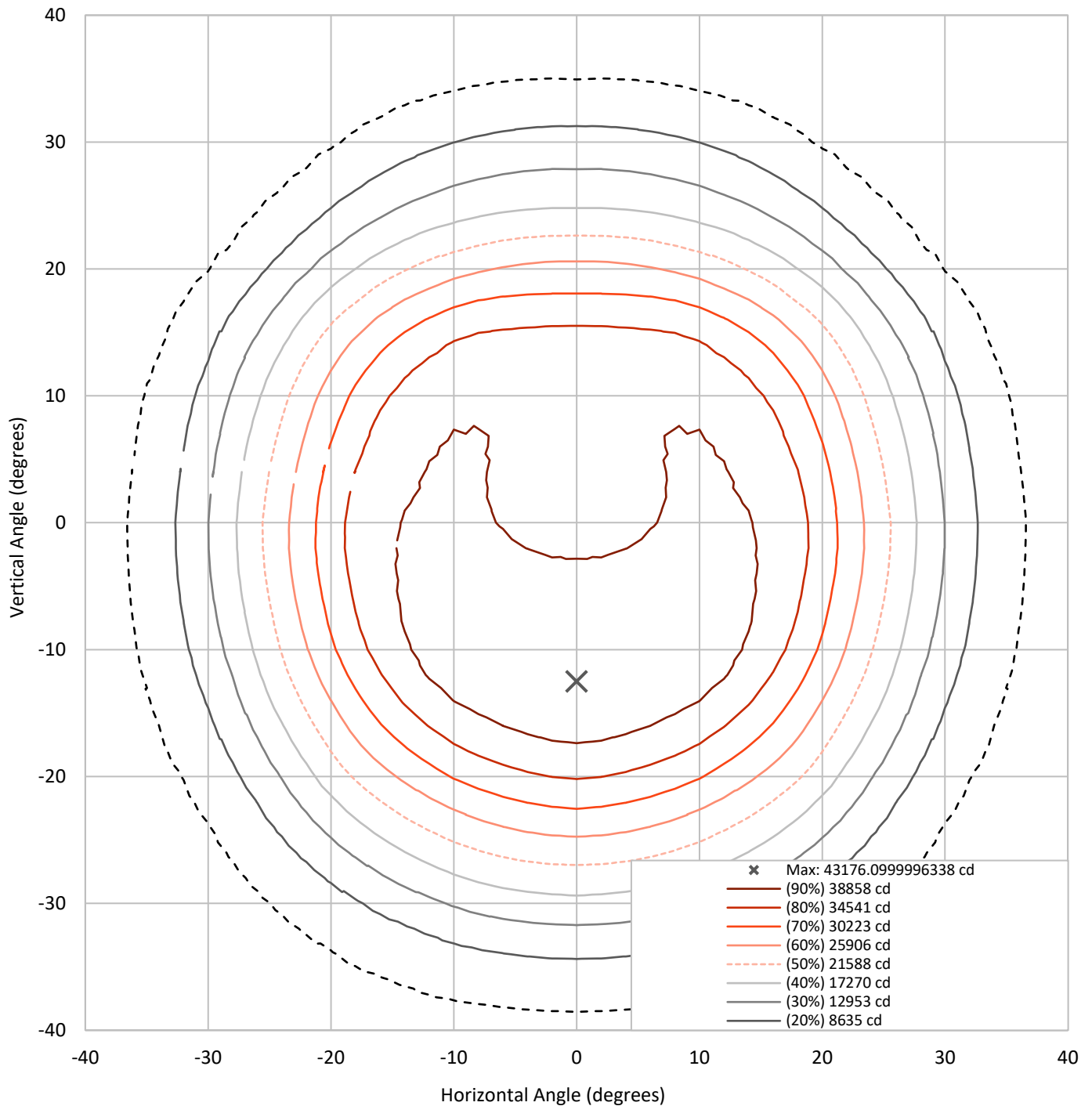
Input Watts (W): 325.9
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P627906 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-722-U-MWR-VSR-XX

Iso-Candela Plot





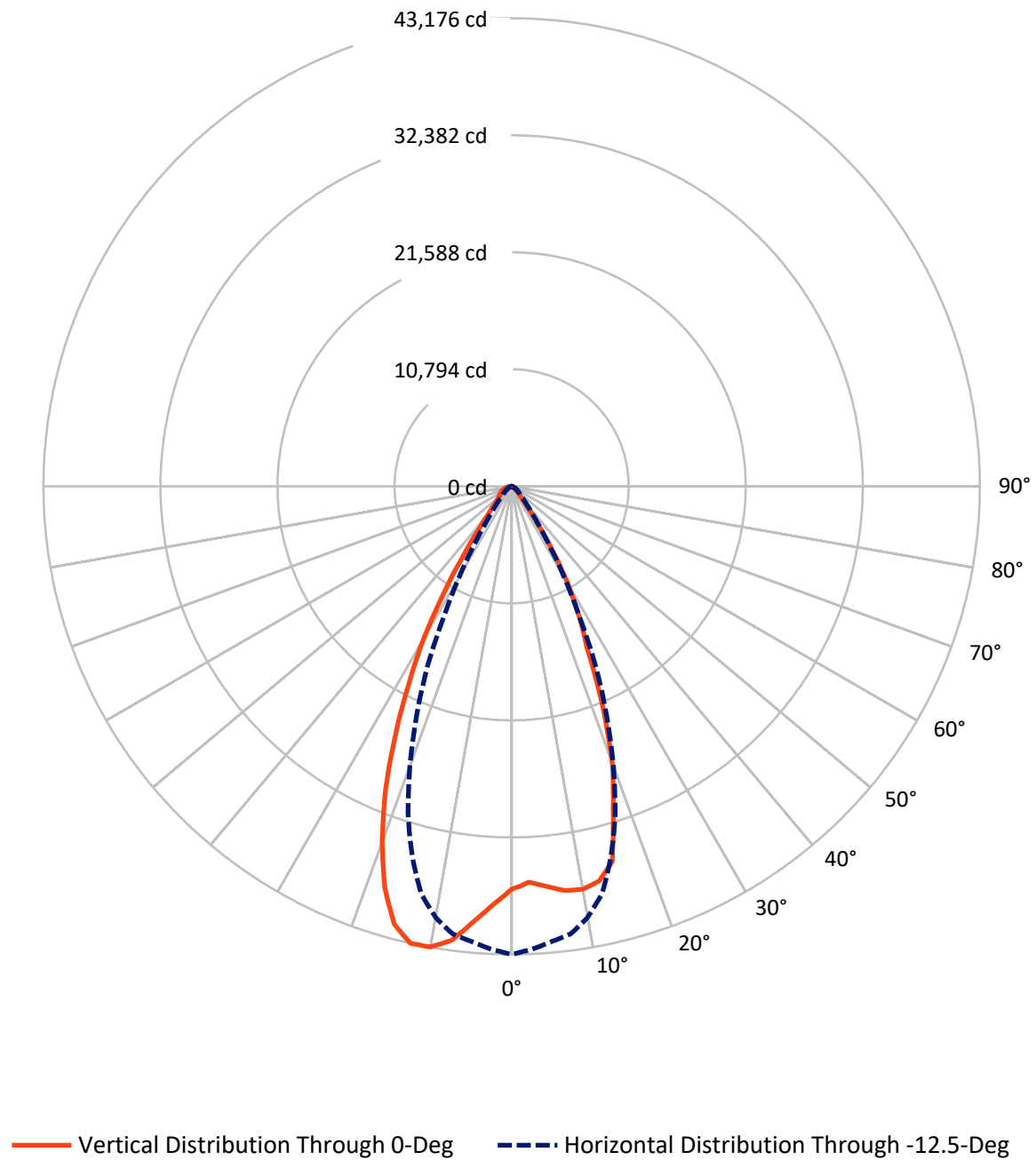
REPORT NUMBER: P627906 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90																			
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	1.0	2.5	4.2	5.9	6.8	6.8	5.9	4.2	2.5	1.0	0.2		0.1			
40	0.2	0.2	1.2	4.4	8.7	14.2	21.1	25.9	25.9	21.1	14.2	8.7	4.4	1.2	0.2				
30		0.5	3.4	8.9	18.5	40.0	91.0	138.9	138.9	91.0	40.0	18.5	8.9	3.4	0.5				
20	0.3	1.2	5.7	14.4	38.7	143.3	368.9	515.6	515.6	368.9	143.3	38.7	14.4	5.7	1.2				
10		2.0	8.0	22.2	92.0	397.8	830.0	1027.6	1027.6	830.0	397.8	92.0	22.2	8.0	2.0				
0	0.6	2.7	9.9	28.7	146.5	585.9	1070.1	1160.1	1160.1	1070.1	585.9	146.5	28.7	9.9	2.7				
-10		3.2	11.0	30.7	153.3	605.1	1108.6	1231.3	1231.3	1108.6	605.1	153.3	30.7	11.0	3.2				
-20	0.9	3.4	11.1	27.9	109.7	450.5	935.3	1194.2	1194.2	935.3	450.5	109.7	27.9	11.1	3.4				
-30		3.3	10.6	23.2	61.3	218.6	521.1	733.3	733.3	521.1	218.6	61.3	23.2	10.6	3.3				
-40	0.8	2.9	9.5	19.3	36.6	77.8	162.8	241.6	241.6	162.8	77.8	36.6	19.3	9.5	2.9				
-50		2.4	7.9	16.1	26.7	39.5	55.6	65.9	65.9	55.6	39.5	26.7	16.1	7.9	2.4				
-60	0.6	1.8	6.0	12.6	21.0	29.1	36.3	39.7	39.7	36.3	29.1	21.0	12.6	6.0	1.8				
-70		1.2	3.8	8.6	14.8	20.8	26.4	29.5	29.5	26.4	20.8	14.8	8.6	3.8	1.2				
-80	0.2	3.4	15.5	33.0	42.4	33.0	15.5	3.4	0.2										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

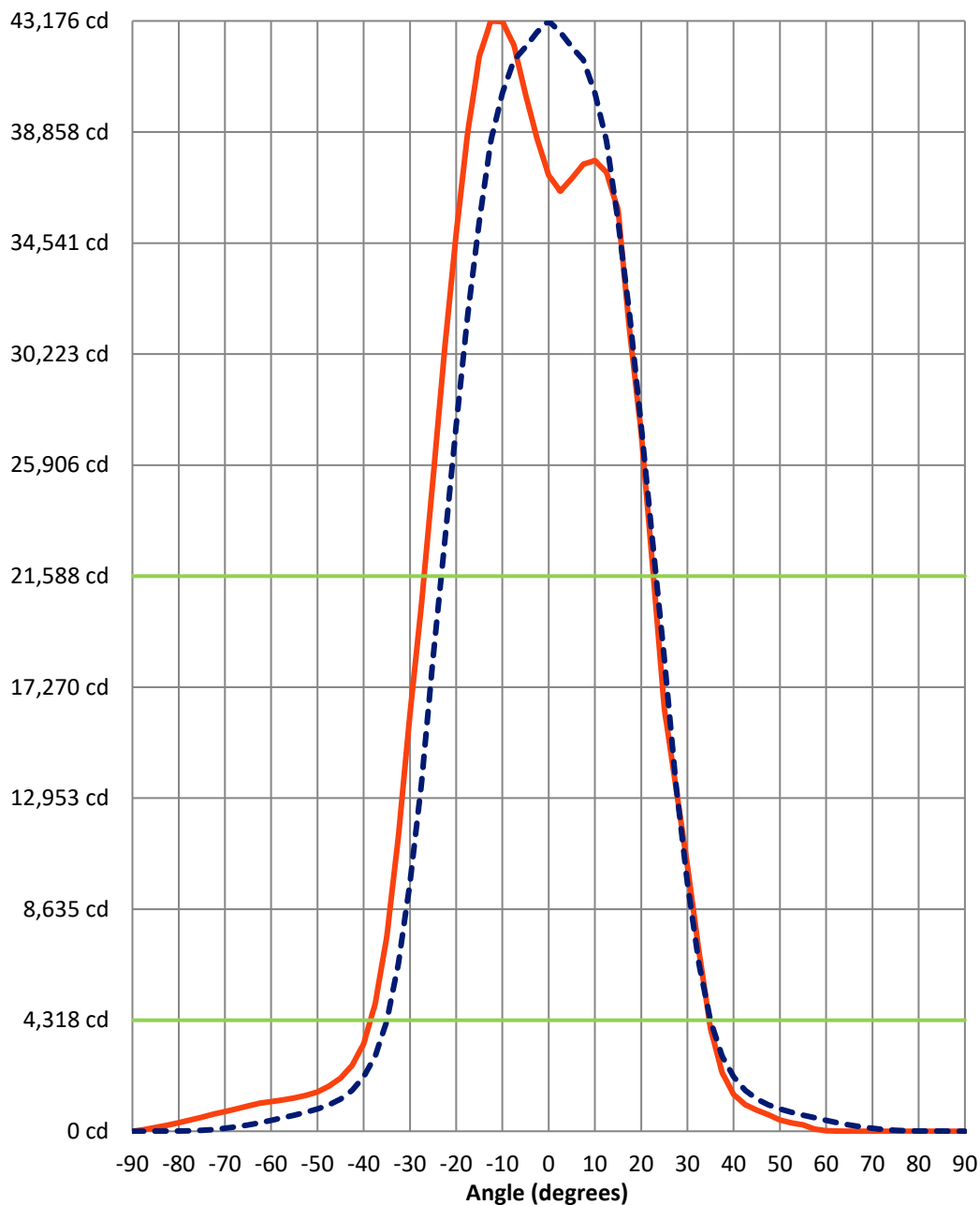
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 20642
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 27778
 Efficiency: 90.1%

Spill:
 Lumens: 3040.3
 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	2	1	0	0	0	0
67.5°	0	0	0	1	2	2	1	0	0	1	1
65°	0	0	0	2	3	3	1	0	2	2	2
62.5°	0	0	0	2	4	3	1	1	3	4	4
60°	0	0	0	3	4	3	1	3	5	5	7
57.5°	0	0	1	4	5	3	3	5	6	6	7
55°	0	0	1	5	5	3	4	7	7	7	7
52.5°	0	0	2	5	5	4	5	7	7	7	7
50°	0	0	2	6	5	4	6	8	7	7	8
47.5°	0	0	2	7	5	5	7	8	7	7	10
45°	0	0	3	7	6	6	8	9	8	9	12
42.5°	0	0	3	7	6	6	8	9	8	11	14
40°	0	0	4	7	6	7	9	10	9	13	17
37.5°	0	0	4	7	6	7	10	10	12	16	19
35°	0	0	5	7	7	8	11	10	14	20	26
32.5°	0	0	5	7	7	8	12	11	17	25	42
30°	0	0	5	7	7	9	12	12	20	31	57
27.5°	0	0	5	7	7	10	13	14	23	38	70
25°	0	0	6	7	7	11	13	16	29	48	82
22.5°	0	0	6	7	7	11	14	19	34	58	97
20°	0	0	6	7	7	12	14	21	40	68	112
17.5°	0	0	6	7	7	13	15	23	46	76	127
15°	0	0	7	7	7	13	15	26	52	84	143
12.5°	0	0	7	7	7	13	16	31	58	91	158
10°	0	0	7	7	7	14	17	36	64	102	172
7.5°	0	0	7	7	7	14	18	42	68	114	184
5°	0	0	7	7	7	14	19	47	72	126	193
2.5°	0	0	7	7	7	14	20	52	75	138	200
0°	0	0	7	7	7	14	21	57	78	149	205
-2.5°	0	0	7	7	8	15	25	59	88	155	216
-5°	0	0	7	7	8	16	29	60	97	161	226
-7.5°	0	0	7	7	9	16	32	62	106	166	234
-10°	0	1	7	7	9	17	35	63	112	170	240
-12.5°	0	1	7	7	10	17	37	64	117	174	244
-15°	0	1	7	7	10	18	39	64	119	176	247
-17.5°	0	1	7	7	11	18	40	67	118	176	247
-20°	0	1	7	7	11	18	40	69	117	175	243

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CATALOG NUMBER: GFLD-SA6D-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	6	7	11	18	41	71	115	173	237
-25°	0	1	6	7	11	19	41	72	112	169	228
-27.5°	0	1	6	7	11	21	40	72	110	164	223
-30°	0	2	6	7	10	22	39	70	108	160	216
-32.5°	0	2	6	7	11	23	38	69	107	155	208
-35°	0	2	6	7	11	23	38	67	104	150	197
-37.5°	0	2	6	7	12	23	39	65	99	145	194
-40°	0	2	6	7	12	24	39	62	93	139	191
-42.5°	0	2	6	7	12	24	39	60	89	132	185
-45°	0	2	6	8	13	23	38	57	85	124	176
-47.5°	0	2	6	8	13	23	37	56	81	114	165
-50°	0	2	6	8	13	22	36	53	77	110	153
-52.5°	0	2	6	8	13	21	34	51	73	104	139
-55°	0	2	6	9	13	21	33	47	70	97	131
-57.5°	0	2	6	9	13	20	31	45	66	91	121
-60°	0	2	6	9	12	19	30	43	61	85	112
-62.5°	0	1	6	9	12	18	28	40	56	77	103
-65°	0	1	5	9	12	17	26	37	51	70	92
-67.5°	0	1	5	9	12	16	23	33	46	62	82
-70°	0	1	5	9	11	15	20	29	40	53	70
-72.5°	0	1	4	8	11	14	19	25	34	46	59
-75°	0	1	4	7	11	14	17	22	28	37	48
-77.5°	0	1	3	6	9	13	16	20	25	30	37
-80°	0	1	2	5	7	11	14	17	21	26	31
-82.5°	0	0	2	3	6	8	11	14	18	21	25
-85°	0	0	1	2	4	5	7	10	12	15	18
-87.5°	0	0	1	1	2	3	4	5	6	7	9
-90°	0	0	0	0	0	0	0	0	0	0	0

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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	1	1	0	0	0	0	0	0	0
67.5°	0	2	2	1	0	0	0	0	0	0	0
65°	3	5	4	2	0	2	2	2	0	0	0
62.5°	7	6	4	3	4	5	4	2	1	2	2
60°	7	6	5	6	7	6	5	5	6	7	17
57.5°	7	7	6	8	8	7	9	10	25	42	47
55°	7	7	8	10	11	12	19	39	59	73	79
52.5°	8	8	11	13	16	27	49	72	91	106	125
50°	9	11	15	20	31	55	82	108	132	155	182
47.5°	12	15	21	31	57	88	121	154	183	214	253
45°	15	23	30	55	87	127	167	204	234	271	305
42.5°	18	35	52	78	124	171	217	247	280	320	366
40°	29	48	74	114	164	220	260	293	328	384	440
37.5°	43	68	99	150	210	264	304	343	394	459	525
35°	59	87	132	189	256	306	350	399	469	544	623
32.5°	75	104	163	229	292	346	395	467	541	624	732
30°	91	132	196	267	326	382	451	532	605	706	833
27.5°	108	159	228	298	358	417	507	586	670	785	937
25°	126	188	258	326	388	462	562	646	732	878	1083
22.5°	148	215	288	353	417	511	618	722	835	980	1233
20°	171	241	315	384	446	557	677	804	958	1160	1491
17.5°	193	264	340	415	493	607	741	891	1082	1334	1821
15°	213	285	366	447	537	658	805	990	1221	1534	2140
12.5°	231	304	390	477	577	704	861	1062	1335	1786	2547
10°	247	320	413	507	612	745	910	1123	1428	1967	2851
7.5°	260	338	435	535	642	780	952	1173	1511	2109	3089
5°	272	359	453	556	665	809	987	1212	1580	2213	3272
2.5°	282	379	469	574	681	832	1014	1248	1647	2298	3427
0°	290	396	481	588	694	849	1034	1274	1699	2357	3547
-2.5°	300	405	498	598	714	862	1043	1294	1716	2366	3523
-5°	309	412	512	607	729	869	1045	1301	1714	2347	3450
-7.5°	315	416	522	614	738	873	1047	1296	1696	2308	3332
-10°	321	420	526	622	740	872	1041	1280	1656	2232	3155
-12.5°	327	424	526	625	739	867	1028	1252	1592	2118	2926
-15°	332	427	526	625	736	858	1005	1212	1508	1965	2644
-17.5°	334	427	523	619	730	844	976	1164	1430	1832	2441
-20°	333	426	520	609	721	830	956	1127	1364	1704	2196

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CATALOG NUMBER: GFLD-SA6D-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°
-22.5°	330	423	516	600	707	815	932	1082	1281	1560	1957
-25°	323	418	509	595	692	797	902	1033	1207	1453	1784
-27.5°	312	409	499	586	675	776	875	994	1146	1336	1601
-30°	297	397	486	573	660	755	850	951	1084	1249	1462
-32.5°	281	384	470	556	643	733	823	916	1030	1168	1334
-35°	271	367	455	535	622	709	795	882	976	1098	1240
-37.5°	264	349	439	515	596	681	764	847	934	1030	1159
-40°	255	332	420	496	570	653	733	811	891	988	1086
-42.5°	245	319	400	478	548	624	700	775	856	944	1037
-45°	235	304	381	453	524	595	669	739	818	901	988
-47.5°	221	287	360	424	494	565	636	707	776	854	937
-50°	205	267	334	396	458	528	599	670	738	804	877
-52.5°	189	244	307	368	425	484	557	629	697	763	826
-55°	171	222	280	339	396	448	511	584	651	715	781
-57.5°	157	200	253	309	365	419	477	538	605	667	731
-60°	144	179	224	277	332	385	441	499	559	619	676
-62.5°	130	161	198	242	293	347	399	453	510	561	613
-65°	118	143	173	210	251	299	350	402	453	499	542
-67.5°	104	126	151	178	214	254	295	342	389	434	476
-70°	90	109	130	153	180	213	250	288	326	365	406
-72.5°	75	92	110	129	153	180	209	240	273	307	341
-75°	61	75	90	107	126	149	173	199	225	253	281
-77.5°	48	60	72	85	100	118	137	157	179	200	222
-80°	37	45	55	66	77	90	103	117	133	151	169
-82.5°	29	35	41	48	56	64	73	83	95	108	121
-85°	21	25	28	32	37	42	47	53	61	69	77
-87.5°	11	12	14	16	18	20	23	25	29	33	36
-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	3	2	1	4	5	5	5	6
60°	19	13	18	23	22	17	25	29	26	21	22
57.5°	49	54	61	72	79	84	90	98	103	106	109
55°	91	109	128	137	152	175	196	197	201	206	218
52.5°	146	167	177	194	223	242	252	268	286	303	318
50°	212	229	251	278	307	325	331	360	396	425	442
47.5°	278	302	340	388	413	434	463	501	540	582	614
45°	339	383	432	474	508	543	583	630	691	749	793
42.5°	410	458	508	558	593	654	724	778	867	944	992
40°	492	540	611	672	746	823	943	1053	1165	1293	1387
37.5°	590	664	765	862	973	1087	1300	1519	1697	1948	2087
35°	708	823	966	1111	1288	1562	1874	2296	2735	3101	3453
32.5°	844	991	1188	1448	1746	2185	2654	3432	4189	4946	5689
30°	978	1192	1493	1851	2339	3035	3918	5120	6422	7562	8593
27.5°	1157	1461	1851	2386	3217	4237	5868	7536	9194	10674	11737
25°	1373	1780	2333	3218	4418	6109	8295	10340	12286	13737	14959
22.5°	1686	2296	3080	4207	6385	8737	11352	13926	16111	17940	19144
20°	2072	2897	4209	6251	8814	11754	15121	17828	20519	22576	24414
17.5°	2619	3932	5785	8379	11440	15363	18829	21849	25266	27368	29242
15°	3111	4799	7441	10750	14337	18494	22582	26280	29578	31889	33984
12.5°	3734	5720	8757	12650	16573	21201	25451	29410	32641	35018	36484
10°	4291	6665	10072	14143	18535	23370	27774	31896	35025	36863	37941
7.5°	4741	7450	11138	15421	20058	24925	29577	33667	36662	38199	38935
5°	5090	8031	11972	16469	21285	26265	31013	35017	37538	38810	39221
2.5°	5352	8437	12533	17158	22113	27254	32102	36048	38199	39117	39253
0°	5529	8722	12898	17592	22823	27609	32692	36699	38744	39481	39551
-2.5°	5487	8619	12882	17435	22742	27768	32786	36740	38929	39919	40080
-5°	5375	8376	12455	16989	22095	27129	31914	36090	38777	40271	40932
-7.5°	5160	7957	11725	16136	21047	26086	30966	35298	38390	40492	41787
-10°	4793	7345	10790	15057	19897	24699	29523	34019	37349	39879	41683
-12.5°	4292	6514	9650	13530	18395	22878	27446	31753	35388	38508	40372
-15°	3775	5649	8466	12016	16252	20666	24886	29113	32701	35619	37943
-17.5°	3407	4892	7095	10201	13920	18109	22226	26109	29346	32089	34527
-20°	2941	4044	5788	8400	11675	15336	19280	22736	25627	28199	30528



REPORT NUMBER: P627906 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	2570	3463	4723	6505	9446	12676	15902	19084	21801	24092	26080
-25°	2233	2860	3845	5294	7207	9995	12714	15400	17910	20039	21829
-27.5°	1969	2467	3124	4155	5607	7234	9616	11862	14019	15966	17654
-30°	1728	2102	2615	3261	4248	5457	6889	8568	10289	11825	13359
-32.5°	1555	1821	2174	2653	3206	4072	4937	6067	7156	8277	9378
-35°	1400	1614	1854	2175	2554	3059	3629	4320	4902	5636	6312
-37.5°	1294	1444	1628	1830	2102	2383	2770	3189	3550	3958	4302
-40°	1206	1324	1448	1585	1771	1961	2211	2446	2675	2924	3110
-42.5°	1132	1227	1316	1422	1532	1685	1852	1999	2138	2284	2406
-45°	1074	1144	1217	1298	1382	1493	1611	1721	1812	1893	1959
-47.5°	1011	1074	1138	1201	1273	1353	1431	1501	1577	1640	1686
-50°	949	1012	1070	1125	1187	1250	1311	1367	1421	1468	1497
-52.5°	890	955	1011	1062	1114	1166	1217	1267	1314	1356	1375
-55°	844	904	962	1007	1051	1095	1140	1188	1232	1272	1284
-57.5°	794	855	910	952	993	1032	1074	1118	1160	1198	1210
-60°	737	801	849	888	930	973	1012	1052	1091	1124	1137
-62.5°	668	725	770	809	846	881	925	967	1007	1040	1060
-65°	587	636	679	719	754	789	829	868	905	934	955
-67.5°	516	554	590	625	660	695	732	768	803	829	845
-70°	445	481	514	547	578	609	639	670	699	721	738
-72.5°	376	407	436	465	493	521	547	573	598	617	634
-75°	310	337	362	386	410	432	453	473	492	509	523
-77.5°	245	267	288	309	329	346	362	378	392	406	420
-80°	187	203	219	234	250	263	275	287	298	309	319
-82.5°	134	145	155	165	176	185	194	202	211	218	226
-85°	85	91	97	103	108	114	119	124	130	135	139
-87.5°	41	43	46	49	51	54	57	59	62	64	66
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627906 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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°	6	7	7	7	7	7	6	6	5	5	5
60°	22	21	21	21	21	21	22	22	21	26	29
57.5°	107	99	92	85	92	99	107	109	106	103	98
55°	231	244	250	248	250	244	231	218	206	201	197
52.5°	329	335	333	326	333	335	329	318	303	286	268
50°	449	450	446	439	446	450	449	442	425	396	360
47.5°	631	641	645	644	645	641	631	614	582	540	501
45°	809	819	822	821	822	819	809	793	749	691	630
42.5°	1018	1034	1039	1034	1039	1034	1018	992	944	867	778
40°	1442	1461	1452	1430	1452	1461	1442	1387	1293	1165	1053
37.5°	2185	2256	2286	2287	2286	2256	2185	2087	1948	1697	1519
35°	3769	4022	4137	3993	4137	4022	3769	3453	3101	2735	2296
32.5°	6295	6742	6994	6994	6994	6742	6295	5689	4946	4189	3432
30°	9373	9933	10247	10314	10247	9933	9373	8593	7562	6422	5120
27.5°	12565	13144	13445	13401	13445	13144	12565	11737	10674	9194	7536
25°	15768	16206	16459	16466	16459	16206	15768	14959	13737	12286	10340
22.5°	20500	21422	21802	21903	21802	21422	20500	19144	17940	16111	13926
20°	25658	26552	27128	27163	27128	26552	25658	24414	22576	20519	17828
17.5°	30572	31015	31097	31134	31097	31015	30572	29242	27368	25266	21849
15°	35204	35360	35769	35821	35769	35360	35204	33984	31889	29578	26280
12.5°	37405	37547	37476	37286	37476	37547	37405	36484	35018	32641	29410
10°	38604	38403	38105	37746	38105	38403	38604	37941	36863	35025	31896
7.5°	38875	38653	38126	37605	38126	38653	38875	38935	38199	36662	33667
5°	39004	38351	37686	37053	37686	38351	39004	39221	38810	37538	35017
2.5°	38928	38151	37238	36557	37238	38151	38928	39253	39117	38199	36048
0°	39176	38390	37435	37180	37435	38390	39176	39551	39481	38744	36699
-2.5°	39868	39231	38732	38596	38732	39231	39868	40080	39919	38929	36740
-5°	41112	40972	40124	40323	40124	40972	41112	40932	40271	38777	36090
-7.5°	42314	42115	41756	42220	41756	42115	42314	41787	40492	38390	35298
-10°	42634	42568	42736	43148	42736	42568	42634	41683	39879	37349	34019
-12.5°	41654	42167	42743	43176	42743	42167	41654	40372	38508	35388	31753
-15°	39470	40520	41380	41788	41380	40520	39470	37943	35619	32701	29113
-17.5°	36253	37540	38560	38851	38560	37540	36253	34527	32089	29346	26109
-20°	32293	33602	34530	34900	34530	33602	32293	30528	28199	25627	22736

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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°	27836	29114	29955	30398	29955	29114	27836	26080	24092	21801	19084
-25°	23312	24436	25183	25379	25183	24436	23312	21829	20039	17910	15400
-27.5°	18987	19891	20441	20501	20441	19891	18987	17654	15966	14019	11862
-30°	14635	15475	15951	16204	15951	15475	14635	13359	11825	10289	8568
-32.5°	10279	10945	11348	11454	11348	10945	10279	9378	8277	7156	6067
-35°	6853	7268	7523	7575	7523	7268	6853	6312	5636	4902	4320
-37.5°	4582	4784	4909	4970	4909	4784	4582	4302	3958	3550	3189
-40°	3246	3341	3394	3405	3394	3341	3246	3110	2924	2675	2446
-42.5°	2483	2531	2556	2563	2556	2531	2483	2406	2284	2138	1999
-45°	2006	2040	2060	2067	2060	2040	2006	1959	1893	1812	1721
-47.5°	1716	1738	1751	1756	1751	1738	1716	1686	1640	1577	1501
-50°	1514	1526	1531	1529	1531	1526	1514	1497	1468	1421	1367
-52.5°	1387	1395	1397	1395	1397	1395	1387	1375	1356	1314	1267
-55°	1292	1298	1299	1296	1299	1298	1292	1284	1272	1232	1188
-57.5°	1220	1227	1225	1218	1225	1227	1220	1210	1198	1160	1118
-60°	1148	1157	1157	1154	1157	1157	1148	1137	1124	1091	1052
-62.5°	1077	1091	1093	1090	1093	1091	1077	1060	1040	1007	967
-65°	974	991	991	984	991	991	974	955	934	905	868
-67.5°	860	873	874	871	874	873	860	845	829	803	768
-70°	753	767	768	765	768	767	753	738	721	699	670
-72.5°	648	661	665	665	665	661	648	634	617	598	573
-75°	537	549	548	545	548	549	537	523	509	492	473
-77.5°	432	444	442	439	442	444	432	420	406	392	378
-80°	329	338	336	333	336	338	329	319	309	298	287
-82.5°	233	240	237	234	237	240	233	226	218	211	202
-85°	144	148	149	149	149	148	144	139	135	130	124
-87.5°	68	71	67	64	67	71	68	66	64	62	59
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627906 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-722-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°	4	1	2	3	2	2	2	2	2	1	2
60°	25	17	22	23	18	13	19	17	7	6	5
57.5°	90	84	79	72	61	54	49	47	42	25	10
55°	196	175	152	137	128	109	91	79	73	59	39
52.5°	252	242	223	194	177	167	146	125	106	91	72
50°	331	325	307	278	251	229	212	182	155	132	108
47.5°	463	434	413	388	340	302	278	253	214	183	154
45°	583	543	508	474	432	383	339	305	271	234	204
42.5°	724	654	593	558	508	458	410	366	320	280	247
40°	943	823	746	672	611	540	492	440	384	328	293
37.5°	1300	1087	973	862	765	664	590	525	459	394	343
35°	1874	1562	1288	1111	966	823	708	623	544	469	399
32.5°	2654	2185	1746	1448	1188	991	844	732	624	541	467
30°	3918	3035	2339	1851	1493	1192	978	833	706	605	532
27.5°	5868	4237	3217	2386	1851	1461	1157	937	785	670	586
25°	8295	6109	4418	3218	2333	1780	1373	1083	878	732	646
22.5°	11352	8737	6385	4207	3080	2296	1686	1233	980	835	722
20°	15121	11754	8814	6251	4209	2897	2072	1491	1160	958	804
17.5°	18829	15363	11440	8379	5785	3932	2619	1821	1334	1082	891
15°	22582	18494	14337	10750	7441	4799	3111	2140	1534	1221	990
12.5°	25451	21201	16573	12650	8757	5720	3734	2547	1786	1335	1062
10°	27774	23370	18535	14143	10072	6665	4291	2851	1967	1428	1123
7.5°	29577	24925	20058	15421	11138	7450	4741	3089	2109	1511	1173
5°	31013	26265	21285	16469	11972	8031	5090	3272	2213	1580	1212
2.5°	32102	27254	22113	17158	12533	8437	5352	3427	2298	1647	1248
0°	32692	27609	22823	17592	12898	8722	5529	3547	2357	1699	1274
-2.5°	32786	27768	22742	17435	12882	8619	5487	3523	2366	1716	1294
-5°	31914	27129	22095	16989	12455	8376	5375	3450	2347	1714	1301
-7.5°	30966	26086	21047	16136	11725	7957	5160	3332	2308	1696	1296
-10°	29523	24699	19897	15057	10790	7345	4793	3155	2232	1656	1280
-12.5°	27446	22878	18395	13530	9650	6514	4292	2926	2118	1592	1252
-15°	24886	20666	16252	12016	8466	5649	3775	2644	1965	1508	1212
-17.5°	22226	18109	13920	10201	7095	4892	3407	2441	1832	1430	1164
-20°	19280	15336	11675	8400	5788	4044	2941	2196	1704	1364	1127

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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°	15902	12676	9446	6505	4723	3463	2570	1957	1560	1281	1082
-25°	12714	9995	7207	5294	3845	2860	2233	1784	1453	1207	1033
-27.5°	9616	7234	5607	4155	3124	2467	1969	1601	1336	1146	994
-30°	6889	5457	4248	3261	2615	2102	1728	1462	1249	1084	951
-32.5°	4937	4072	3206	2653	2174	1821	1555	1334	1168	1030	916
-35°	3629	3059	2554	2175	1854	1614	1400	1240	1098	976	882
-37.5°	2770	2383	2102	1830	1628	1444	1294	1159	1030	934	847
-40°	2211	1961	1771	1585	1448	1324	1206	1086	988	891	811
-42.5°	1852	1685	1532	1422	1316	1227	1132	1037	944	856	775
-45°	1611	1493	1382	1298	1217	1144	1074	988	901	818	739
-47.5°	1431	1353	1273	1201	1138	1074	1011	937	854	776	707
-50°	1311	1250	1187	1125	1070	1012	949	877	804	738	670
-52.5°	1217	1166	1114	1062	1011	955	890	826	763	697	629
-55°	1140	1095	1051	1007	962	904	844	781	715	651	584
-57.5°	1074	1032	993	952	910	855	794	731	667	605	538
-60°	1012	973	930	888	849	801	737	676	619	559	499
-62.5°	925	881	846	809	770	725	668	613	561	510	453
-65°	829	789	754	719	679	636	587	542	499	453	402
-67.5°	732	695	660	625	590	554	516	476	434	389	342
-70°	639	609	578	547	514	481	445	406	365	326	288
-72.5°	547	521	493	465	436	407	376	341	307	273	240
-75°	453	432	410	386	362	337	310	281	253	225	199
-77.5°	362	346	329	309	288	267	245	222	200	179	157
-80°	275	263	250	234	219	203	187	169	151	133	117
-82.5°	194	185	176	165	155	145	134	121	108	95	83
-85°	119	114	108	103	97	91	85	77	69	61	53
-87.5°	57	54	51	49	46	43	41	36	33	29	25
-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	1	1	0	0	0	0	0	0
67.5°	0	0	0	1	2	2	0	1	1	0	0
65°	2	2	0	2	4	5	3	2	2	2	0
62.5°	4	5	4	3	4	6	7	4	4	3	1
60°	5	6	7	6	5	6	7	7	5	5	3
57.5°	9	7	8	8	6	7	7	7	6	6	5
55°	19	12	11	10	8	7	7	7	7	7	7
52.5°	49	27	16	13	11	8	8	7	7	7	7
50°	82	55	31	20	15	11	9	8	7	7	8
47.5°	121	88	57	31	21	15	12	10	7	7	8
45°	167	127	87	55	30	23	15	12	9	8	9
42.5°	217	171	124	78	52	35	18	14	11	8	9
40°	260	220	164	114	74	48	29	17	13	9	10
37.5°	304	264	210	150	99	68	43	19	16	12	10
35°	350	306	256	189	132	87	59	26	20	14	10
32.5°	395	346	292	229	163	104	75	42	25	17	11
30°	451	382	326	267	196	132	91	57	31	20	12
27.5°	507	417	358	298	228	159	108	70	38	23	14
25°	562	462	388	326	258	188	126	82	48	29	16
22.5°	618	511	417	353	288	215	148	97	58	34	19
20°	677	557	446	384	315	241	171	112	68	40	21
17.5°	741	607	493	415	340	264	193	127	76	46	23
15°	805	658	537	447	366	285	213	143	84	52	26
12.5°	861	704	577	477	390	304	231	158	91	58	31
10°	910	745	612	507	413	320	247	172	102	64	36
7.5°	952	780	642	535	435	338	260	184	114	68	42
5°	987	809	665	556	453	359	272	193	126	72	47
2.5°	1014	832	681	574	469	379	282	200	138	75	52
0°	1034	849	694	588	481	396	290	205	149	78	57
-2.5°	1043	862	714	598	498	405	300	216	155	88	59
-5°	1045	869	729	607	512	412	309	226	161	97	60
-7.5°	1047	873	738	614	522	416	315	234	166	106	62
-10°	1041	872	740	622	526	420	321	240	170	112	63
-12.5°	1028	867	739	625	526	424	327	244	174	117	64
-15°	1005	858	736	625	526	427	332	247	176	119	64
-17.5°	976	844	730	619	523	427	334	247	176	118	67
-20°	956	830	721	609	520	426	333	243	175	117	69

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CATALOG NUMBER: GFLD-SA6D-722-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	932	815	707	600	516	423	330	237	173	115	71
-25°	902	797	692	595	509	418	323	228	169	112	72
-27.5°	875	776	675	586	499	409	312	223	164	110	72
-30°	850	755	660	573	486	397	297	216	160	108	70
-32.5°	823	733	643	556	470	384	281	208	155	107	69
-35°	795	709	622	535	455	367	271	197	150	104	67
-37.5°	764	681	596	515	439	349	264	194	145	99	65
-40°	733	653	570	496	420	332	255	191	139	93	62
-42.5°	700	624	548	478	400	319	245	185	132	89	60
-45°	669	595	524	453	381	304	235	176	124	85	57
-47.5°	636	565	494	424	360	287	221	165	114	81	56
-50°	599	528	458	396	334	267	205	153	110	77	53
-52.5°	557	484	425	368	307	244	189	139	104	73	51
-55°	511	448	396	339	280	222	171	131	97	70	47
-57.5°	477	419	365	309	253	200	157	121	91	66	45
-60°	441	385	332	277	224	179	144	112	85	61	43
-62.5°	399	347	293	242	198	161	130	103	77	56	40
-65°	350	299	251	210	173	143	118	92	70	51	37
-67.5°	295	254	214	178	151	126	104	82	62	46	33
-70°	250	213	180	153	130	109	90	70	53	40	29
-72.5°	209	180	153	129	110	92	75	59	46	34	25
-75°	173	149	126	107	90	75	61	48	37	28	22
-77.5°	137	118	100	85	72	60	48	37	30	25	20
-80°	103	90	77	66	55	45	37	31	26	21	17
-82.5°	73	64	56	48	41	35	29	25	21	18	14
-85°	47	42	37	32	28	25	21	18	15	12	10
-87.5°	23	20	18	16	14	12	11	9	7	6	5
-90°	0	0	0	0	0	0	0	0	0	0	0

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CATALOG NUMBER: GFLD-SA6D-722-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	1	0	0	0	0	0
72.5°	0	1	1	0	0	0	0
70°	1	2	1	0	0	0	0
67.5°	1	2	2	1	0	0	0
65°	1	3	3	2	0	0	0
62.5°	1	3	4	2	0	0	0
60°	1	3	4	3	0	0	0
57.5°	3	3	5	4	1	0	0
55°	4	3	5	5	1	0	0
52.5°	5	4	5	5	2	0	0
50°	6	4	5	6	2	0	0
47.5°	7	5	5	7	2	0	0
45°	8	6	6	7	3	0	0
42.5°	8	6	6	7	3	0	0
40°	9	7	6	7	4	0	0
37.5°	10	7	6	7	4	0	0
35°	11	8	7	7	5	0	0
32.5°	12	8	7	7	5	0	0
30°	12	9	7	7	5	0	0
27.5°	13	10	7	7	5	0	0
25°	13	11	7	7	6	0	0
22.5°	14	11	7	7	6	0	0
20°	14	12	7	7	6	0	0
17.5°	15	13	7	7	6	0	0
15°	15	13	7	7	7	0	0
12.5°	16	13	7	7	7	0	0
10°	17	14	7	7	7	0	0
7.5°	18	14	7	7	7	0	0
5°	19	14	7	7	7	0	0
2.5°	20	14	7	7	7	0	0
0°	21	14	7	7	7	0	0
-2.5°	25	15	8	7	7	0	0
-5°	29	16	8	7	7	0	0
-7.5°	32	16	9	7	7	0	0
-10°	35	17	9	7	7	1	0
-12.5°	37	17	10	7	7	1	0
-15°	39	18	10	7	7	1	0
-17.5°	40	18	11	7	7	1	0
-20°	40	18	11	7	7	1	0

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CATALOG NUMBER: GFLD-SA6D-722-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	41	18	11	7	6	1	0
-25°	41	19	11	7	6	1	0
-27.5°	40	21	11	7	6	1	0
-30°	39	22	10	7	6	2	0
-32.5°	38	23	11	7	6	2	0
-35°	38	23	11	7	6	2	0
-37.5°	39	23	12	7	6	2	0
-40°	39	24	12	7	6	2	0
-42.5°	39	24	12	7	6	2	0
-45°	38	23	13	8	6	2	0
-47.5°	37	23	13	8	6	2	0
-50°	36	22	13	8	6	2	0
-52.5°	34	21	13	8	6	2	0
-55°	33	21	13	9	6	2	0
-57.5°	31	20	13	9	6	2	0
-60°	30	19	12	9	6	2	0
-62.5°	28	18	12	9	6	1	0
-65°	26	17	12	9	5	1	0
-67.5°	23	16	12	9	5	1	0
-70°	20	15	11	9	5	1	0
-72.5°	19	14	11	8	4	1	0
-75°	17	14	11	7	4	1	0
-77.5°	16	13	9	6	3	1	0
-80°	14	11	7	5	2	1	0
-82.5°	11	8	6	3	2	0	0
-85°	7	5	4	2	1	0	0
-87.5°	4	3	2	1	1	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)