

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: P627726 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5E-722-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627726 (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-SA5E-722-U-MWR-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (80) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 28634.4 lumens
Efficiency: N/A
Efficacy: 91.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 40116.4 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 19179.2 lumens
Beam Efficiency: 67.0%

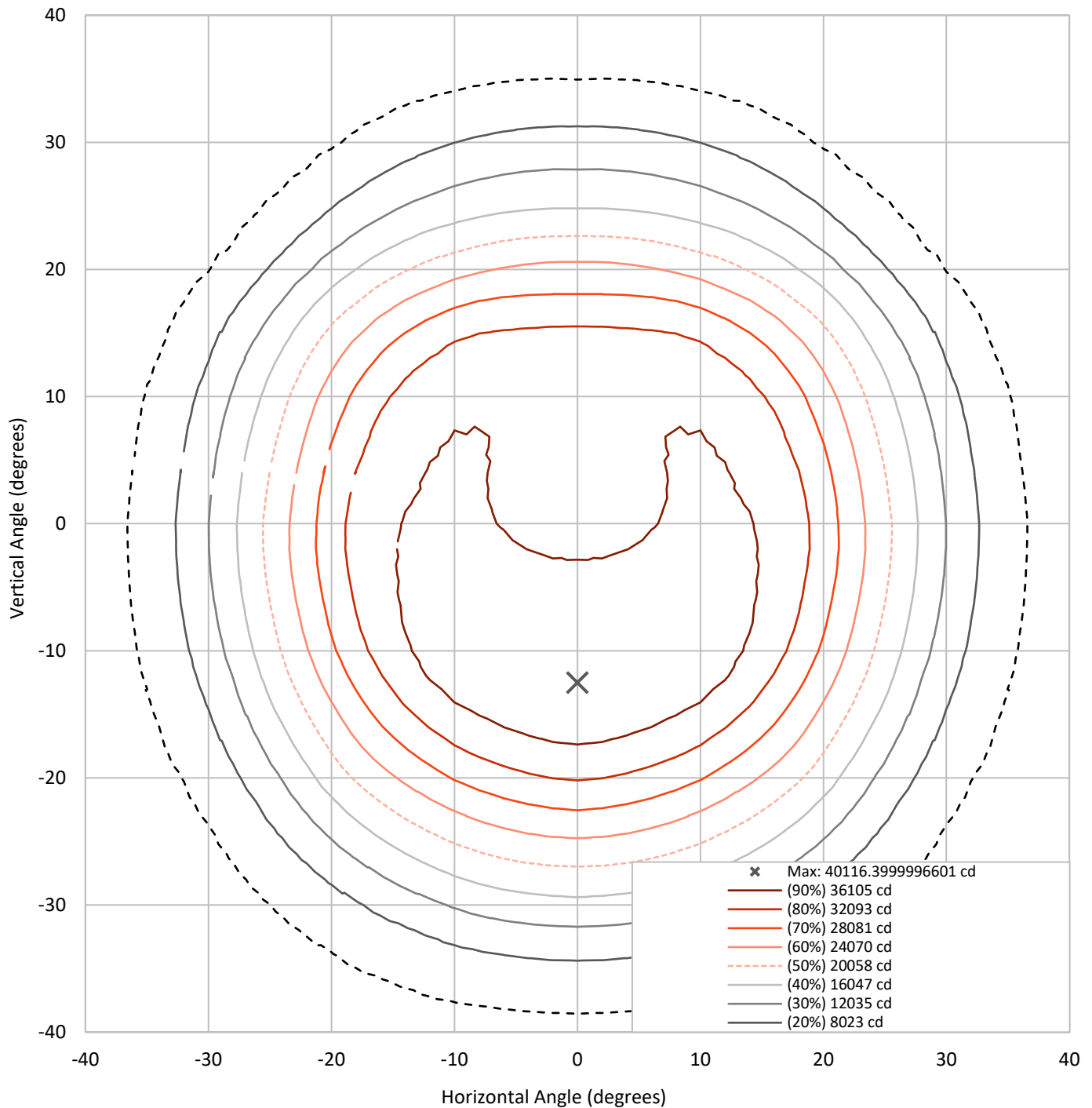
Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 25809.5 lumens
Field Efficiency: 90.1%

Input Watts (W): 313.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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CATALOG NUMBER: GFLD-SA5E-722-U-MWR-VSR-XX

Iso-Candela Plot





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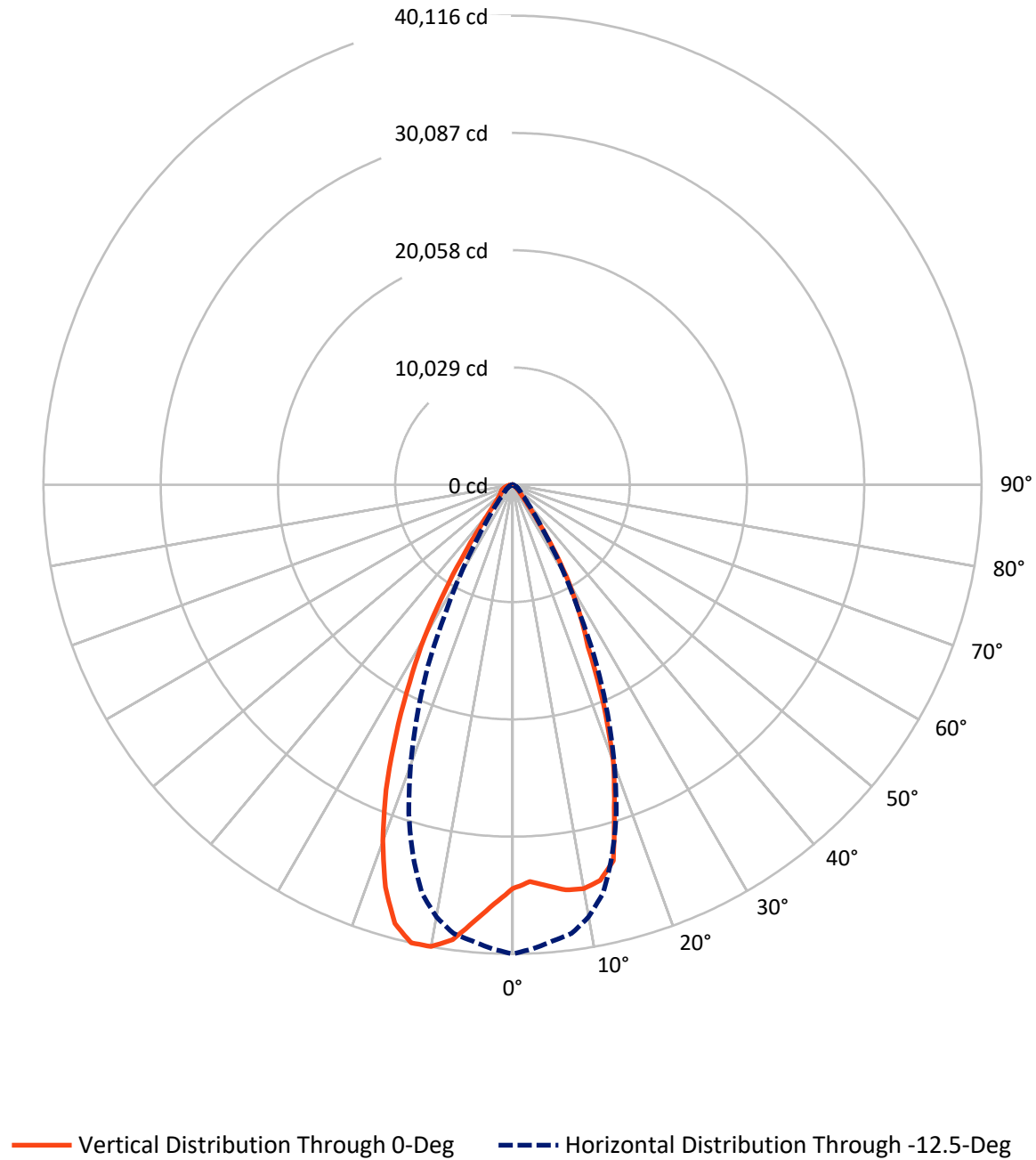
CATALOG NUMBER: GFLD-SA5E-722-U-MWR-VSR-XX

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	0.1	0.0	0.0	0.0				
50		0.1	0.2	0.9	2.3	3.9	5.5	6.3	6.3	5.5	3.9	2.3	0.9	0.2	0.1				
40	0.2	0.2	1.1	4.0	8.0	13.2	19.6	24.1	24.1	19.6	13.2	8.0	4.0	1.1	0.2				
30		0.5	3.2	8.3	17.2	37.2	84.5	129.1	129.1	84.5	37.2	17.2	8.3	3.2	0.5				
20	0.3	1.2	5.3	13.4	35.9	133.1	342.8	479.1	479.1	342.8	133.1	35.9	13.4	5.3	1.2				
10		1.9	7.5	20.7	85.5	369.7	771.1	954.8	954.8	771.1	369.7	85.5	20.7	7.5	1.9				
0	0.6	2.5	9.2	26.7	136.2	544.3	994.3	1077.9	1077.9	994.3	544.3	136.2	26.7	9.2	2.5				
-10		2.9	10.2	28.5	142.4	562.2	1030.1	1144.0	1144.0	1030.1	562.2	142.4	28.5	10.2	2.9				
-20	0.8	3.2	10.3	25.9	101.9	418.6	869.0	1109.5	1109.5	869.0	418.6	101.9	25.9	10.3	3.2				
-30		3.0	9.8	21.6	57.0	203.1	484.2	681.4	681.4	484.2	203.1	57.0	21.6	9.8	3.0				
-40	0.7	2.7	8.8	17.9	34.0	72.3	151.3	224.5	224.5	151.3	72.3	34.0	17.9	8.8	2.7				
-50		2.2	7.4	14.9	24.8	36.7	51.6	61.2	61.2	51.6	36.7	24.8	14.9	7.4	2.2				
-60	0.5	1.7	5.5	11.7	19.5	27.0	33.7	36.9	36.9	33.7	27.0	19.5	11.7	5.5	1.7				
-70		1.2	3.5	8.0	13.7	19.3	24.5	27.4	27.4	24.5	19.3	13.7	8.0	3.5	1.2				
-80	0.2	3.2	14.4	30.7	39.4	30.7	14.4	3.2	0.2										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

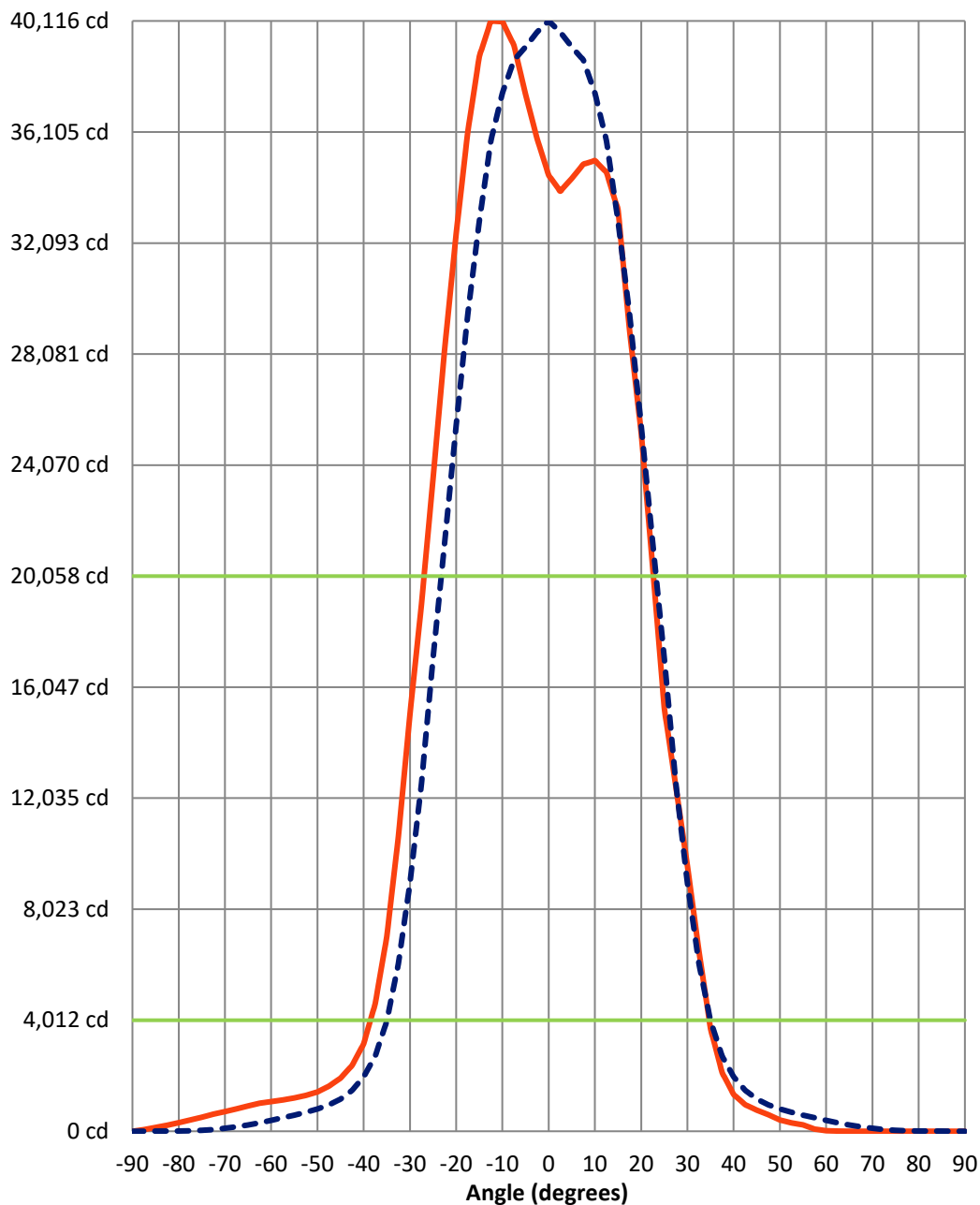
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 19179.2
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 25809.5
 Efficiency: 90.1%

Spill:
 Lumens: 2824.9
 Efficiency: 9.9%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through -12.5-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	1	0	0	0	0	0
72.5°	0	0	0	0	1	1	0	0	0	0	0
70°	0	0	0	0	1	1	1	0	0	0	0
67.5°	0	0	0	1	2	2	1	0	0	1	1
65°	0	0	0	1	3	2	1	0	1	2	2
62.5°	0	0	0	2	3	3	1	1	3	3	4
60°	0	0	0	3	4	3	1	3	5	5	6
57.5°	0	0	0	3	4	3	3	5	6	6	7
55°	0	0	1	4	4	3	4	6	6	7	7
52.5°	0	0	1	5	5	3	5	7	6	7	7
50°	0	0	2	6	5	4	6	7	7	7	8
47.5°	0	0	2	6	5	5	7	7	7	7	9
45°	0	0	3	6	5	5	7	8	7	8	11
42.5°	0	0	3	7	5	6	8	9	7	10	13
40°	0	0	4	7	6	6	9	9	8	12	16
37.5°	0	0	4	7	6	7	9	9	11	15	18
35°	0	0	4	7	6	7	10	10	13	19	24
32.5°	0	0	5	7	6	8	11	10	16	23	39
30°	0	0	5	7	7	8	11	11	18	29	53
27.5°	0	0	5	7	7	9	12	13	22	35	65
25°	0	0	5	7	7	10	12	15	27	44	76
22.5°	0	0	6	7	7	11	13	17	32	54	90
20°	0	0	6	7	7	11	13	19	37	63	104
17.5°	0	0	6	7	7	12	14	21	43	71	118
15°	0	0	6	7	7	12	14	25	49	78	133
12.5°	0	0	6	7	7	12	15	29	54	84	147
10°	0	0	6	7	7	13	16	34	59	95	160
7.5°	0	0	6	7	7	13	17	39	63	106	170
5°	0	0	7	7	7	13	18	44	67	117	179
2.5°	0	0	7	7	7	13	19	48	70	128	186
0°	0	0	7	7	7	13	20	53	72	138	191
-2.5°	0	0	7	7	7	14	23	54	82	144	201
-5°	0	0	7	7	8	15	26	56	90	150	210
-7.5°	0	0	7	7	8	15	29	57	98	154	217
-10°	0	1	6	7	9	16	32	58	104	158	223
-12.5°	0	1	6	7	9	16	34	59	109	161	227
-15°	0	1	6	7	10	16	36	60	110	163	229
-17.5°	0	1	6	7	10	17	37	62	110	163	229
-20°	0	1	6	7	10	17	37	64	108	163	226

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CATALOG NUMBER: GFLD-SA5E-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	10	17	38	66	107	161	221
-25°	0	1	6	7	10	18	38	67	104	157	212
-27.5°	0	1	6	7	10	19	37	66	102	153	207
-30°	0	1	6	7	10	20	37	65	101	148	201
-32.5°	0	1	6	7	10	21	36	64	99	144	193
-35°	0	2	6	7	11	21	36	62	96	139	183
-37.5°	0	2	6	7	11	22	36	60	92	135	181
-40°	0	2	5	7	11	22	36	58	87	129	178
-42.5°	0	2	5	7	11	22	36	55	82	123	172
-45°	0	2	5	7	12	22	35	53	79	115	164
-47.5°	0	2	5	7	12	21	34	52	75	106	153
-50°	0	2	5	8	12	21	33	50	71	102	142
-52.5°	0	2	6	8	12	20	32	47	68	97	129
-55°	0	2	6	8	12	19	31	44	65	90	122
-57.5°	0	1	6	8	12	19	29	42	61	85	113
-60°	0	1	6	8	11	18	28	40	56	79	104
-62.5°	0	1	5	8	11	17	26	37	52	72	95
-65°	0	1	5	8	11	16	24	34	48	65	86
-67.5°	0	1	5	8	11	15	21	31	42	58	76
-70°	0	1	4	8	11	14	19	27	37	50	65
-72.5°	0	1	4	7	10	13	18	23	32	42	55
-75°	0	1	3	6	10	13	16	21	26	35	45
-77.5°	0	1	3	5	8	12	15	18	23	28	35
-80°	0	1	2	4	7	10	13	16	20	24	28
-82.5°	0	0	2	3	5	7	10	13	17	20	23
-85°	0	0	1	2	3	5	7	9	11	14	17
-87.5°	0	0	1	1	2	2	3	4	6	7	8
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627726 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-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	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	2	2	2	0	0	0
62.5°	6	5	4	3	4	5	4	2	1	2	2
60°	7	6	5	5	7	6	4	5	5	6	16
57.5°	7	6	6	7	7	7	8	9	24	39	44
55°	7	7	7	9	10	11	17	37	55	68	73
52.5°	7	7	10	12	15	25	45	67	84	98	116
50°	9	11	14	18	29	51	77	100	123	144	169
47.5°	11	14	20	29	53	82	113	143	170	199	235
45°	14	21	28	51	81	118	155	189	217	251	284
42.5°	17	32	48	72	115	159	202	229	260	298	340
40°	27	45	69	106	152	204	242	272	304	357	408
37.5°	40	63	92	140	195	246	282	319	366	426	488
35°	55	81	122	176	238	284	325	371	436	505	578
32.5°	70	97	152	213	271	321	367	434	503	579	680
30°	84	122	182	248	303	355	419	494	563	656	774
27.5°	100	148	212	277	332	387	472	544	623	729	871
25°	117	175	240	303	361	430	522	600	680	816	1006
22.5°	137	200	268	328	387	475	574	670	776	910	1145
20°	159	224	292	357	414	518	629	747	890	1078	1386
17.5°	179	246	316	386	458	564	688	828	1005	1240	1692
15°	198	265	340	415	499	611	748	920	1134	1425	1988
12.5°	214	282	362	444	536	654	800	987	1241	1659	2367
10°	229	298	384	471	569	692	846	1044	1327	1827	2649
7.5°	242	314	404	497	597	725	885	1090	1404	1959	2870
5°	253	334	421	517	618	752	917	1126	1468	2056	3040
2.5°	262	352	436	533	633	773	942	1159	1530	2135	3184
0°	270	368	447	546	645	789	960	1184	1579	2190	3295
-2.5°	279	377	463	556	663	801	969	1202	1594	2198	3273
-5°	287	382	476	564	677	807	971	1209	1592	2181	3205
-7.5°	293	386	485	570	685	811	972	1205	1576	2144	3096
-10°	298	390	488	577	688	810	967	1189	1538	2074	2931
-12.5°	304	394	489	581	687	806	955	1163	1479	1968	2719
-15°	308	397	488	580	683	797	934	1126	1401	1826	2457
-17.5°	310	397	486	575	678	784	906	1081	1328	1702	2269
-20°	310	396	483	566	670	771	888	1047	1268	1583	2040

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CATALOG NUMBER: GFLD-SA5E-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°	307	393	479	558	657	757	866	1005	1190	1449	1818
-25°	301	388	473	553	643	740	838	960	1121	1350	1657
-27.5°	290	380	464	544	627	721	813	924	1065	1242	1487
-30°	276	369	451	532	613	702	790	883	1007	1161	1358
-32.5°	261	357	437	516	597	681	764	851	957	1085	1239
-35°	251	341	422	497	578	659	738	819	907	1020	1152
-37.5°	245	325	407	478	554	633	710	787	868	957	1077
-40°	237	308	390	461	530	607	681	754	828	918	1009
-42.5°	227	296	372	444	509	579	650	721	795	877	964
-45°	218	282	354	421	487	553	621	687	760	838	918
-47.5°	205	266	334	394	459	525	591	656	721	793	870
-50°	191	248	310	368	426	491	557	623	686	747	815
-52.5°	175	227	286	342	395	450	518	585	647	709	768
-55°	159	207	260	315	368	416	475	542	605	664	726
-57.5°	145	186	235	287	339	389	443	500	562	620	679
-60°	134	167	208	257	309	358	410	463	519	575	628
-62.5°	121	150	184	224	272	322	371	421	474	521	569
-65°	110	133	161	195	233	278	325	373	421	463	504
-67.5°	97	117	140	166	199	236	274	318	362	403	442
-70°	83	101	121	143	167	198	233	268	303	339	377
-72.5°	69	86	102	120	142	168	195	223	253	285	317
-75°	57	69	84	99	117	138	161	185	209	235	261
-77.5°	45	56	67	79	93	109	127	146	166	186	206
-80°	35	42	51	61	72	84	96	109	124	140	157
-82.5°	27	33	38	45	52	60	68	77	89	100	112
-85°	20	23	26	30	34	39	44	49	56	64	71
-87.5°	10	11	13	15	17	19	21	23	27	30	34
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627726 (CONVERTED FROM TYPE C PHOTOMETRY)
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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	2	1	3	4	5	5	5
60°	18	12	17	21	21	16	23	27	24	20	21
57.5°	46	50	57	67	74	78	84	91	96	99	101
55°	84	101	119	127	141	163	182	183	187	192	202
52.5°	135	155	164	180	208	225	234	249	266	282	296
50°	197	213	233	258	285	302	308	335	368	394	411
47.5°	258	280	316	361	384	403	430	465	502	540	571
45°	315	355	401	441	472	505	542	585	642	696	736
42.5°	381	426	472	518	551	608	672	723	805	877	922
40°	457	501	568	624	693	765	876	979	1082	1202	1289
37.5°	548	617	711	801	904	1010	1208	1411	1577	1810	1939
35°	658	765	897	1032	1197	1451	1741	2133	2541	2881	3208
32.5°	785	921	1104	1346	1622	2030	2466	3188	3892	4596	5286
30°	909	1108	1387	1720	2174	2820	3641	4757	5966	7026	7984
27.5°	1075	1357	1720	2217	2989	3937	5452	7002	8542	9917	10905
25°	1276	1654	2167	2990	4105	5676	7707	9608	11415	12763	13899
22.5°	1567	2133	2862	3909	5933	8118	10548	12939	14970	16668	17788
20°	1926	2692	3911	5808	8189	10921	14049	16565	19065	20976	22684
17.5°	2434	3654	5375	7785	10630	14274	17495	20300	23475	25429	27170
15°	2891	4459	6914	9988	13321	17184	20982	24418	27482	29629	31576
12.5°	3469	5315	8136	11753	15398	19699	23647	27326	30328	32537	33899
10°	3987	6193	9358	13141	17221	21714	25806	29635	32543	34250	35252
7.5°	4405	6922	10348	14328	18636	23158	27481	31282	34064	35492	36176
5°	4729	7462	11123	15302	19777	24403	28815	32535	34878	36059	36442
2.5°	4972	7839	11645	15943	20546	25323	29827	33493	35492	36345	36471
0°	5137	8103	11984	16345	21206	25652	30375	34098	35999	36683	36749
-2.5°	5098	8008	11969	16199	21130	25801	30462	34136	36171	37090	37239
-5°	4994	7782	11572	15785	20529	25206	29653	33532	36029	37417	38032
-7.5°	4795	7393	10894	14993	19556	24238	28771	32796	35669	37622	38825
-10°	4453	6824	10025	13990	18487	22948	27431	31608	34702	37053	38729
-12.5°	3988	6052	8967	12571	17091	21257	25501	29503	32880	35779	37511
-15°	3508	5249	7866	11164	15100	19202	23123	27050	30383	33095	35254
-17.5°	3166	4545	6592	9479	12934	16826	20651	24259	27267	29815	32081
-20°	2733	3757	5378	7805	10847	14249	17914	21124	23811	26200	28364

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REPORT NUMBER: P627726 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-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°	2388	3217	4388	6044	8777	11777	14775	17731	20256	22384	24232
-25°	2075	2657	3572	4919	6696	9287	11813	14309	16641	18619	20282
-27.5°	1829	2292	2902	3861	5210	6722	8935	11021	13026	14834	16403
-30°	1606	1953	2430	3030	3947	5070	6401	7961	9560	10987	12413
-32.5°	1445	1692	2020	2465	2979	3783	4588	5637	6649	7691	8713
-35°	1301	1500	1723	2021	2373	2842	3372	4014	4555	5236	5865
-37.5°	1202	1342	1513	1700	1953	2214	2573	2963	3298	3678	3997
-40°	1120	1230	1345	1472	1645	1822	2054	2273	2486	2717	2890
-42.5°	1052	1140	1223	1321	1423	1565	1721	1857	1986	2123	2235
-45°	998	1063	1130	1206	1284	1387	1497	1599	1683	1759	1821
-47.5°	939	998	1058	1116	1183	1257	1330	1395	1465	1524	1567
-50°	882	941	994	1045	1103	1161	1218	1271	1320	1364	1391
-52.5°	827	887	940	986	1035	1083	1130	1177	1221	1260	1278
-55°	785	840	893	935	976	1017	1059	1103	1144	1182	1193
-57.5°	738	795	846	885	922	959	998	1039	1078	1113	1124
-60°	685	744	789	825	864	904	941	978	1014	1044	1057
-62.5°	621	674	716	752	786	819	859	898	936	966	985
-65°	545	591	631	668	701	733	770	806	841	868	887
-67.5°	479	515	548	580	613	646	680	714	746	770	786
-70°	413	447	478	508	537	565	594	622	650	670	686
-72.5°	349	378	405	432	458	484	508	532	556	574	589
-75°	288	313	336	359	381	401	420	439	457	473	486
-77.5°	227	248	267	287	306	322	337	351	364	377	390
-80°	174	189	203	218	232	244	256	267	277	287	297
-82.5°	125	135	144	154	163	172	180	188	196	203	210
-85°	79	85	90	95	101	106	111	116	120	125	129
-87.5°	38	40	43	45	48	50	53	55	57	59	62
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627726 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-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	6	7	7	7	6	6	5	5	5	4
60°	20	20	20	20	20	20	20	21	20	24	27
57.5°	99	92	86	79	86	92	99	101	99	96	91
55°	215	227	232	230	232	227	215	202	192	187	183
52.5°	305	311	310	303	310	311	305	296	282	266	249
50°	417	418	414	408	414	418	417	411	394	368	335
47.5°	586	595	599	599	599	595	586	571	540	502	465
45°	752	761	764	763	764	761	752	736	696	642	585
42.5°	946	960	965	960	965	960	946	922	877	805	723
40°	1340	1357	1349	1329	1349	1357	1340	1289	1202	1082	979
37.5°	2030	2096	2124	2125	2124	2096	2030	1939	1810	1577	1411
35°	3502	3737	3844	3710	3844	3737	3502	3208	2881	2541	2133
32.5°	5849	6265	6499	6499	6499	6265	5849	5286	4596	3892	3188
30°	8709	9229	9521	9583	9521	9229	8709	7984	7026	5966	4757
27.5°	11675	12213	12492	12451	12492	12213	11675	10905	9917	8542	7002
25°	14651	15058	15293	15299	15293	15058	14651	13899	12763	11415	9608
22.5°	19047	19904	20257	20351	20257	19904	19047	17788	16668	14970	12939
20°	23840	24670	25206	25238	25206	24670	23840	22684	20976	19065	16565
17.5°	28405	28818	28894	28928	28894	28818	28405	27170	25429	23475	20300
15°	32710	32854	33235	33282	33235	32854	32710	31576	29629	27482	24418
12.5°	34754	34886	34821	34644	34821	34886	34754	33899	32537	30328	27326
10°	35868	35682	35405	35072	35405	35682	35868	35252	34250	32543	29635
7.5°	36120	35914	35425	34940	35425	35914	36120	36176	35492	34064	31282
5°	36240	35633	35016	34427	35016	35633	36240	36442	36059	34878	32535
2.5°	36169	35447	34599	33966	34599	35447	36169	36471	36345	35492	33493
0°	36400	35670	34782	34545	34782	35670	36400	36749	36683	35999	34098
-2.5°	37043	36451	35987	35861	35987	36451	37043	37239	37090	36171	34136
-5°	38199	38068	37281	37466	37281	38068	38199	38032	37417	36029	33532
-7.5°	39315	39130	38797	39228	38797	39130	39315	38825	37622	35669	32796
-10°	39612	39552	39708	40090	39708	39552	39612	38729	37053	34702	31608
-12.5°	38702	39179	39714	40116	39714	39179	38702	37511	35779	32880	29503
-15°	36673	37648	38448	38827	38448	37648	36673	35254	33095	30383	27050
-17.5°	33684	34880	35828	36098	35828	34880	33684	32081	29815	27267	24259
-20°	30004	31221	32083	32427	32083	31221	30004	28364	26200	23811	21124

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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°	25863	27051	27832	28244	27832	27051	25863	24232	22384	20256	17731
-25°	21660	22705	23398	23581	23398	22705	21660	20282	18619	16641	14309
-27.5°	17642	18481	18992	19049	18992	18481	17642	16403	14834	13026	11021
-30°	13598	14378	14821	15056	14821	14378	13598	12413	10987	9560	7961
-32.5°	9550	10169	10544	10643	10544	10169	9550	8713	7691	6649	5637
-35°	6367	6753	6990	7038	6990	6753	6367	5865	5236	4555	4014
-37.5°	4257	4445	4561	4617	4561	4445	4257	3997	3678	3298	2963
-40°	3016	3104	3154	3164	3154	3104	3016	2890	2717	2486	2273
-42.5°	2307	2352	2375	2381	2375	2352	2307	2235	2123	1986	1857
-45°	1864	1895	1914	1921	1914	1895	1864	1821	1759	1683	1599
-47.5°	1595	1615	1627	1631	1627	1615	1595	1567	1524	1465	1395
-50°	1407	1418	1423	1421	1423	1418	1407	1391	1364	1320	1271
-52.5°	1289	1296	1298	1296	1298	1296	1289	1278	1260	1221	1177
-55°	1201	1206	1207	1204	1207	1206	1201	1193	1182	1144	1103
-57.5°	1133	1140	1138	1131	1138	1140	1133	1124	1113	1078	1039
-60°	1067	1075	1075	1072	1075	1075	1067	1057	1044	1014	978
-62.5°	1001	1014	1016	1013	1016	1014	1001	985	966	936	898
-65°	905	921	920	914	920	921	905	887	868	841	806
-67.5°	799	811	812	809	812	811	799	786	770	746	714
-70°	700	713	713	710	713	713	700	686	670	650	622
-72.5°	602	615	618	618	618	615	602	589	574	556	532
-75°	499	510	509	507	509	510	499	486	473	457	439
-77.5°	401	412	411	408	411	412	401	390	377	364	351
-80°	306	314	312	309	312	314	306	297	287	277	267
-82.5°	216	223	220	217	220	223	216	210	203	196	188
-85°	134	138	138	138	138	138	134	129	125	120	116
-87.5°	64	66	62	59	62	66	64	62	59	57	55
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627726 (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	2	2	2	2	2	2	2	1	2
60°	23	16	21	21	17	12	18	16	6	5	5
57.5°	84	78	74	67	57	50	46	44	39	24	9
55°	182	163	141	127	119	101	84	73	68	55	37
52.5°	234	225	208	180	164	155	135	116	98	84	67
50°	308	302	285	258	233	213	197	169	144	123	100
47.5°	430	403	384	361	316	280	258	235	199	170	143
45°	542	505	472	441	401	355	315	284	251	217	189
42.5°	672	608	551	518	472	426	381	340	298	260	229
40°	876	765	693	624	568	501	457	408	357	304	272
37.5°	1208	1010	904	801	711	617	548	488	426	366	319
35°	1741	1451	1197	1032	897	765	658	578	505	436	371
32.5°	2466	2030	1622	1346	1104	921	785	680	579	503	434
30°	3641	2820	2174	1720	1387	1108	909	774	656	563	494
27.5°	5452	3937	2989	2217	1720	1357	1075	871	729	623	544
25°	7707	5676	4105	2990	2167	1654	1276	1006	816	680	600
22.5°	10548	8118	5933	3909	2862	2133	1567	1145	910	776	670
20°	14049	10921	8189	5808	3911	2692	1926	1386	1078	890	747
17.5°	17495	14274	10630	7785	5375	3654	2434	1692	1240	1005	828
15°	20982	17184	13321	9988	6914	4459	2891	1988	1425	1134	920
12.5°	23647	19699	15398	11753	8136	5315	3469	2367	1659	1241	987
10°	25806	21714	17221	13141	9358	6193	3987	2649	1827	1327	1044
7.5°	27481	23158	18636	14328	10348	6922	4405	2870	1959	1404	1090
5°	28815	24403	19777	15302	11123	7462	4729	3040	2056	1468	1126
2.5°	29827	25323	20546	15943	11645	7839	4972	3184	2135	1530	1159
0°	30375	25652	21206	16345	11984	8103	5137	3295	2190	1579	1184
-2.5°	30462	25801	21130	16199	11969	8008	5098	3273	2198	1594	1202
-5°	29653	25206	20529	15785	11572	7782	4994	3205	2181	1592	1209
-7.5°	28771	24238	19556	14993	10894	7393	4795	3096	2144	1576	1205
-10°	27431	22948	18487	13990	10025	6824	4453	2931	2074	1538	1189
-12.5°	25501	21257	17091	12571	8967	6052	3988	2719	1968	1479	1163
-15°	23123	19202	15100	11164	7866	5249	3508	2457	1826	1401	1126
-17.5°	20651	16826	12934	9479	6592	4545	3166	2269	1702	1328	1081
-20°	17914	14249	10847	7805	5378	3757	2733	2040	1583	1268	1047

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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°	14775	11777	8777	6044	4388	3217	2388	1818	1449	1190	1005
-25°	11813	9287	6696	4919	3572	2657	2075	1657	1350	1121	960
-27.5°	8935	6722	5210	3861	2902	2292	1829	1487	1242	1065	924
-30°	6401	5070	3947	3030	2430	1953	1606	1358	1161	1007	883
-32.5°	4588	3783	2979	2465	2020	1692	1445	1239	1085	957	851
-35°	3372	2842	2373	2021	1723	1500	1301	1152	1020	907	819
-37.5°	2573	2214	1953	1700	1513	1342	1202	1077	957	868	787
-40°	2054	1822	1645	1472	1345	1230	1120	1009	918	828	754
-42.5°	1721	1565	1423	1321	1223	1140	1052	964	877	795	721
-45°	1497	1387	1284	1206	1130	1063	998	918	838	760	687
-47.5°	1330	1257	1183	1116	1058	998	939	870	793	721	656
-50°	1218	1161	1103	1045	994	941	882	815	747	686	623
-52.5°	1130	1083	1035	986	940	887	827	768	709	647	585
-55°	1059	1017	976	935	893	840	785	726	664	605	542
-57.5°	998	959	922	885	846	795	738	679	620	562	500
-60°	941	904	864	825	789	744	685	628	575	519	463
-62.5°	859	819	786	752	716	674	621	569	521	474	421
-65°	770	733	701	668	631	591	545	504	463	421	373
-67.5°	680	646	613	580	548	515	479	442	403	362	318
-70°	594	565	537	508	478	447	413	377	339	303	268
-72.5°	508	484	458	432	405	378	349	317	285	253	223
-75°	420	401	381	359	336	313	288	261	235	209	185
-77.5°	337	322	306	287	267	248	227	206	186	166	146
-80°	256	244	232	218	203	189	174	157	140	124	109
-82.5°	180	172	163	154	144	135	125	112	100	89	77
-85°	111	106	101	95	90	85	79	71	64	56	49
-87.5°	53	50	48	45	43	40	38	34	30	27	23
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627726 (CONVERTED FROM TYPE C PHOTOMETRY)
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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	3	4	3	2	2	1	0
62.5°	4	5	4	3	4	5	6	4	3	3	1
60°	4	6	7	5	5	6	7	6	5	5	3
57.5°	8	7	7	7	6	6	7	7	6	6	5
55°	17	11	10	9	7	7	7	7	7	6	6
52.5°	45	25	15	12	10	7	7	7	7	6	7
50°	77	51	29	18	14	11	9	8	7	7	7
47.5°	113	82	53	29	20	14	11	9	7	7	7
45°	155	118	81	51	28	21	14	11	8	7	8
42.5°	202	159	115	72	48	32	17	13	10	7	9
40°	242	204	152	106	69	45	27	16	12	8	9
37.5°	282	246	195	140	92	63	40	18	15	11	9
35°	325	284	238	176	122	81	55	24	19	13	10
32.5°	367	321	271	213	152	97	70	39	23	16	10
30°	419	355	303	248	182	122	84	53	29	18	11
27.5°	472	387	332	277	212	148	100	65	35	22	13
25°	522	430	361	303	240	175	117	76	44	27	15
22.5°	574	475	387	328	268	200	137	90	54	32	17
20°	629	518	414	357	292	224	159	104	63	37	19
17.5°	688	564	458	386	316	246	179	118	71	43	21
15°	748	611	499	415	340	265	198	133	78	49	25
12.5°	800	654	536	444	362	282	214	147	84	54	29
10°	846	692	569	471	384	298	229	160	95	59	34
7.5°	885	725	597	497	404	314	242	170	106	63	39
5°	917	752	618	517	421	334	253	179	117	67	44
2.5°	942	773	633	533	436	352	262	186	128	70	48
0°	960	789	645	546	447	368	270	191	138	72	53
-2.5°	969	801	663	556	463	377	279	201	144	82	54
-5°	971	807	677	564	476	382	287	210	150	90	56
-7.5°	972	811	685	570	485	386	293	217	154	98	57
-10°	967	810	688	577	488	390	298	223	158	104	58
-12.5°	955	806	687	581	489	394	304	227	161	109	59
-15°	934	797	683	580	488	397	308	229	163	110	60
-17.5°	906	784	678	575	486	397	310	229	163	110	62
-20°	888	771	670	566	483	396	310	226	163	108	64

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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°	866	757	657	558	479	393	307	221	161	107	66
-25°	838	740	643	553	473	388	301	212	157	104	67
-27.5°	813	721	627	544	464	380	290	207	153	102	66
-30°	790	702	613	532	451	369	276	201	148	101	65
-32.5°	764	681	597	516	437	357	261	193	144	99	64
-35°	738	659	578	497	422	341	251	183	139	96	62
-37.5°	710	633	554	478	407	325	245	181	135	92	60
-40°	681	607	530	461	390	308	237	178	129	87	58
-42.5°	650	579	509	444	372	296	227	172	123	82	55
-45°	621	553	487	421	354	282	218	164	115	79	53
-47.5°	591	525	459	394	334	266	205	153	106	75	52
-50°	557	491	426	368	310	248	191	142	102	71	50
-52.5°	518	450	395	342	286	227	175	129	97	68	47
-55°	475	416	368	315	260	207	159	122	90	65	44
-57.5°	443	389	339	287	235	186	145	113	85	61	42
-60°	410	358	309	257	208	167	134	104	79	56	40
-62.5°	371	322	272	224	184	150	121	95	72	52	37
-65°	325	278	233	195	161	133	110	86	65	48	34
-67.5°	274	236	199	166	140	117	97	76	58	42	31
-70°	233	198	167	143	121	101	83	65	50	37	27
-72.5°	195	168	142	120	102	86	69	55	42	32	23
-75°	161	138	117	99	84	69	57	45	35	26	21
-77.5°	127	109	93	79	67	56	45	35	28	23	18
-80°	96	84	72	61	51	42	35	28	24	20	16
-82.5°	68	60	52	45	38	33	27	23	20	17	13
-85°	44	39	34	30	26	23	20	17	14	11	9
-87.5°	21	19	17	15	13	11	10	8	7	6	4
-90°	0	0	0	0	0	0	0	0	0	0	0

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CATALOG NUMBER: GFLD-SA5E-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	1	1	0	0	0	0
67.5°	1	2	2	1	0	0	0
65°	1	2	3	1	0	0	0
62.5°	1	3	3	2	0	0	0
60°	1	3	4	3	0	0	0
57.5°	3	3	4	3	0	0	0
55°	4	3	4	4	1	0	0
52.5°	5	3	5	5	1	0	0
50°	6	4	5	6	2	0	0
47.5°	7	5	5	6	2	0	0
45°	7	5	5	6	3	0	0
42.5°	8	6	5	7	3	0	0
40°	9	6	6	7	4	0	0
37.5°	9	7	6	7	4	0	0
35°	10	7	6	7	4	0	0
32.5°	11	8	6	7	5	0	0
30°	11	8	7	7	5	0	0
27.5°	12	9	7	7	5	0	0
25°	12	10	7	7	5	0	0
22.5°	13	11	7	7	6	0	0
20°	13	11	7	7	6	0	0
17.5°	14	12	7	7	6	0	0
15°	14	12	7	7	6	0	0
12.5°	15	12	7	7	6	0	0
10°	16	13	7	7	6	0	0
7.5°	17	13	7	7	6	0	0
5°	18	13	7	7	7	0	0
2.5°	19	13	7	7	7	0	0
0°	20	13	7	7	7	0	0
-2.5°	23	14	7	7	7	0	0
-5°	26	15	8	7	7	0	0
-7.5°	29	15	8	7	7	0	0
-10°	32	16	9	7	6	1	0
-12.5°	34	16	9	7	6	1	0
-15°	36	16	10	7	6	1	0
-17.5°	37	17	10	7	6	1	0
-20°	37	17	10	7	6	1	0

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CATALOG NUMBER: GFLD-SA5E-722-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	38	17	10	7	6	1	0
-25°	38	18	10	7	6	1	0
-27.5°	37	19	10	7	6	1	0
-30°	37	20	10	7	6	1	0
-32.5°	36	21	10	7	6	1	0
-35°	36	21	11	7	6	2	0
-37.5°	36	22	11	7	6	2	0
-40°	36	22	11	7	5	2	0
-42.5°	36	22	11	7	5	2	0
-45°	35	22	12	7	5	2	0
-47.5°	34	21	12	7	5	2	0
-50°	33	21	12	8	5	2	0
-52.5°	32	20	12	8	6	2	0
-55°	31	19	12	8	6	2	0
-57.5°	29	19	12	8	6	1	0
-60°	28	18	11	8	6	1	0
-62.5°	26	17	11	8	5	1	0
-65°	24	16	11	8	5	1	0
-67.5°	21	15	11	8	5	1	0
-70°	19	14	11	8	4	1	0
-72.5°	18	13	10	7	4	1	0
-75°	16	13	10	6	3	1	0
-77.5°	15	12	8	5	3	1	0
-80°	13	10	7	4	2	1	0
-82.5°	10	7	5	3	2	0	0
-85°	7	5	3	2	1	0	0
-87.5°	3	2	2	1	1	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)