

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: P627866 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-730-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627866 (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-730-U-MWR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (96) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 30531.7 lumens
Efficiency: N/A
Efficacy: 123.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 42774.5 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 20450 lumens
Beam Efficiency: 67.0%

Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 27519.6 lumens
Field Efficiency: 90.1%

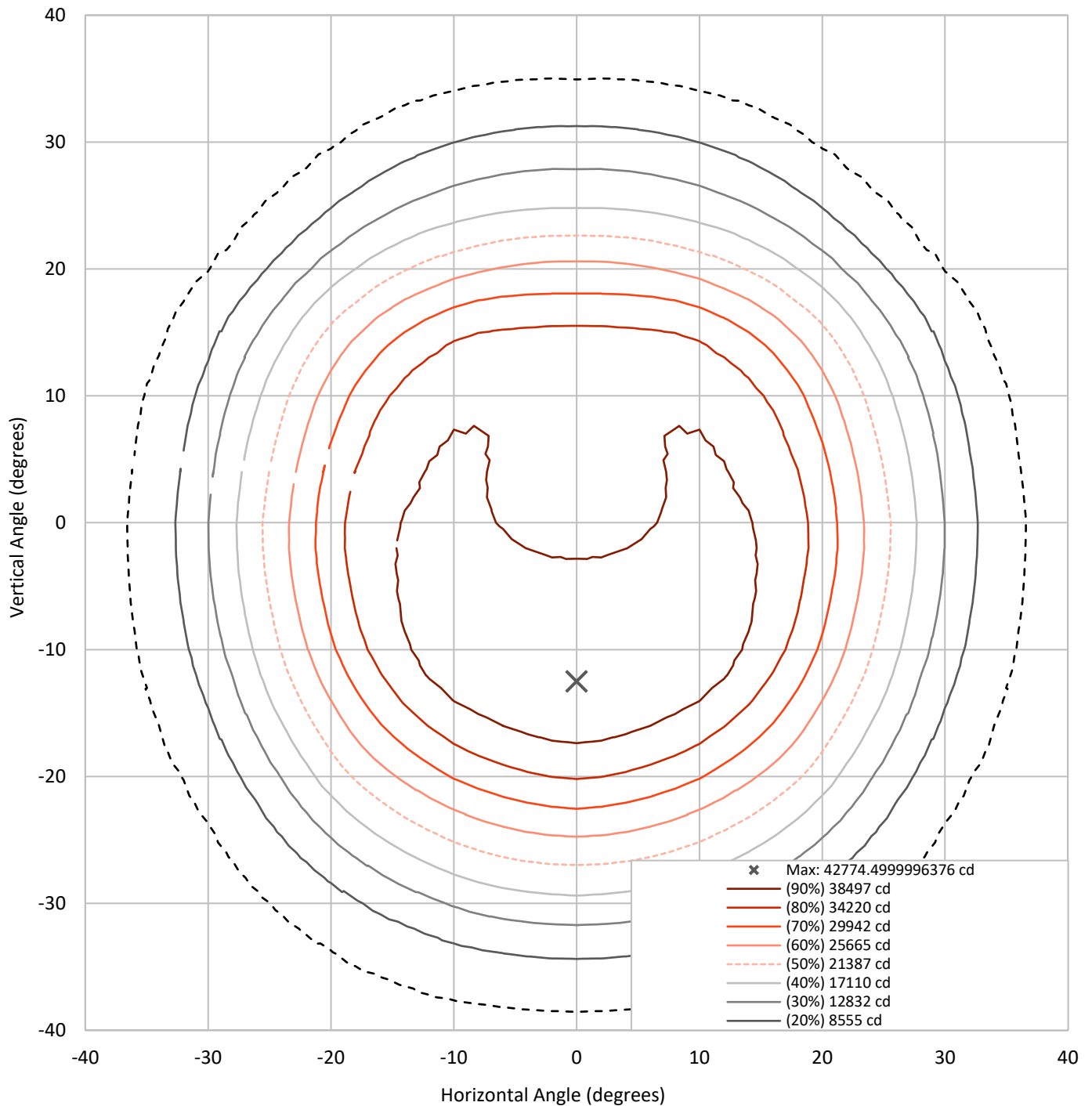
Input Watts (W): 247.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	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	5.8	6.8	6.8	5.8	4.2	2.5	1.0	0.2		0.1							
40	0.2	0.2	1.2	4.3	8.6	14.0	20.9	25.7	25.7	20.9	14.0	8.6	4.3	1.2	0.2								
30		0.5	3.4	8.8	18.3	39.6	90.1	137.6	137.6	90.1	39.6	18.3	8.8	3.4	0.5								
20	0.3	1.2	5.7	14.3	38.3	141.9	365.5	510.9	510.9	365.5	141.9	38.3	14.3	5.7	1.2								
10		2.0	8.0	22.0	91.2	394.1	822.2	1018.0	1018.0	822.2	394.1	91.2	22.0	8.0	2.0								
0	0.6	2.7	9.9	28.4	145.2	580.4	1060.1	1149.3	1149.3	1060.1	580.4	145.2	28.4	9.9	2.7								
-10		3.1	10.9	30.4	151.9	599.4	1098.3	1219.8	1219.8	1098.3	599.4	151.9	30.4	10.9	3.1								
-20	0.9	3.4	11.0	27.7	108.7	446.3	926.6	1183.1	1183.1	926.6	446.3	108.7	27.7	11.0	3.4								
-30		3.2	10.5	23.0	60.8	216.5	516.3	726.5	726.5	516.3	216.5	60.8	23.0	10.5	3.2								
-40	0.8	2.8	9.4	19.1	36.2	77.1	161.3	239.4	239.4	161.3	77.1	36.2	19.1	9.4	2.8								
-50		2.4	7.9	15.9	26.5	39.1	55.0	65.2	65.2	55.0	39.1	26.5	15.9	7.9	2.4								
-60	0.6	1.8	5.9	12.5	20.8	28.8	36.0	39.4	39.4	36.0	28.8	20.8	12.5	5.9	1.8								
-70		1.2	3.8	8.5	14.6	20.6	26.1	29.2	29.2	26.1	20.6	14.6	8.5	3.8	1.2								
-80	0.2	3.4	15.4	32.7	42.0	32.7	15.4	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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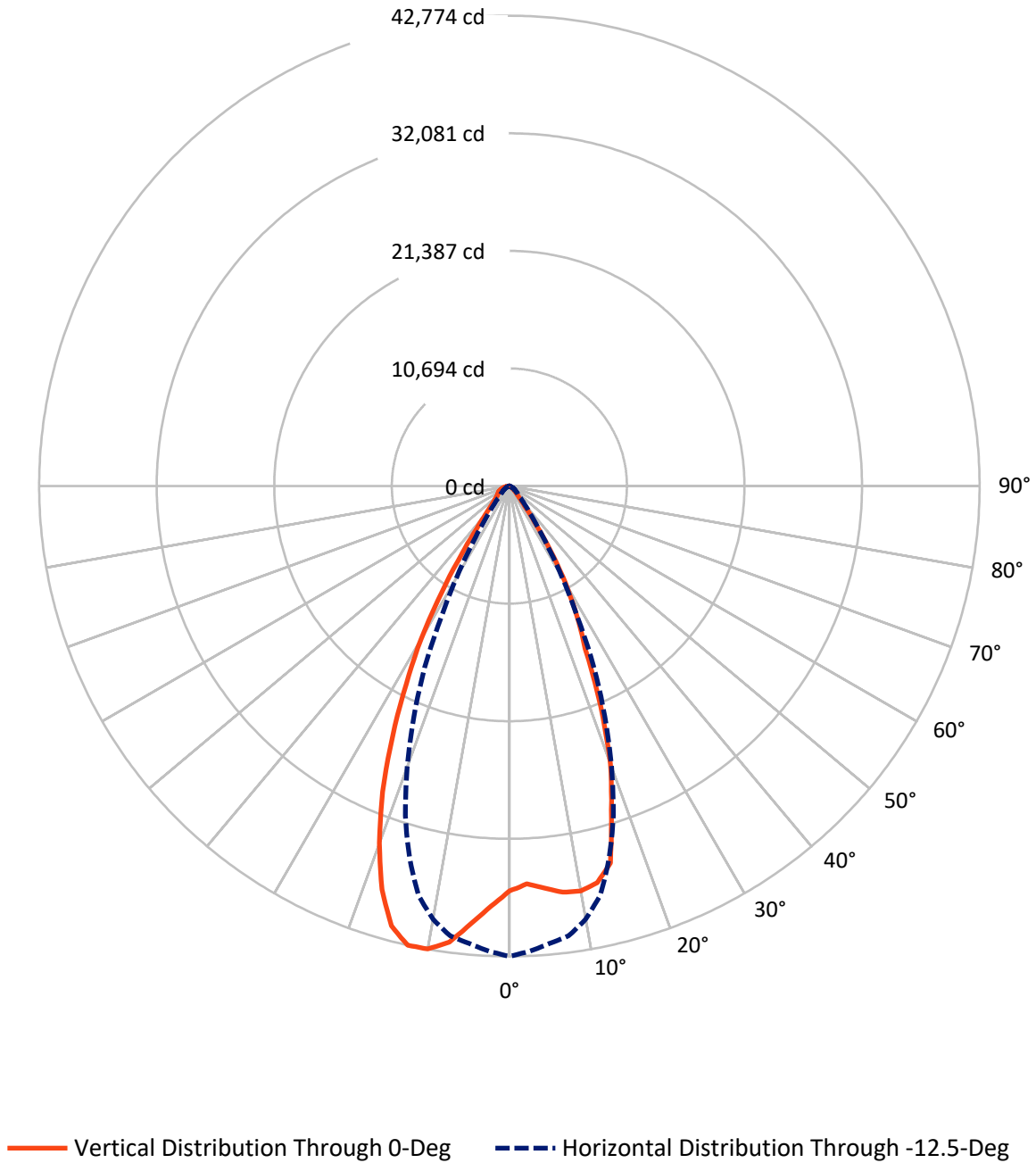
Scaled Data Report



REPORT NUMBER: P627866 (CONVERTED FROM TYPE C PHOTOMETRY)

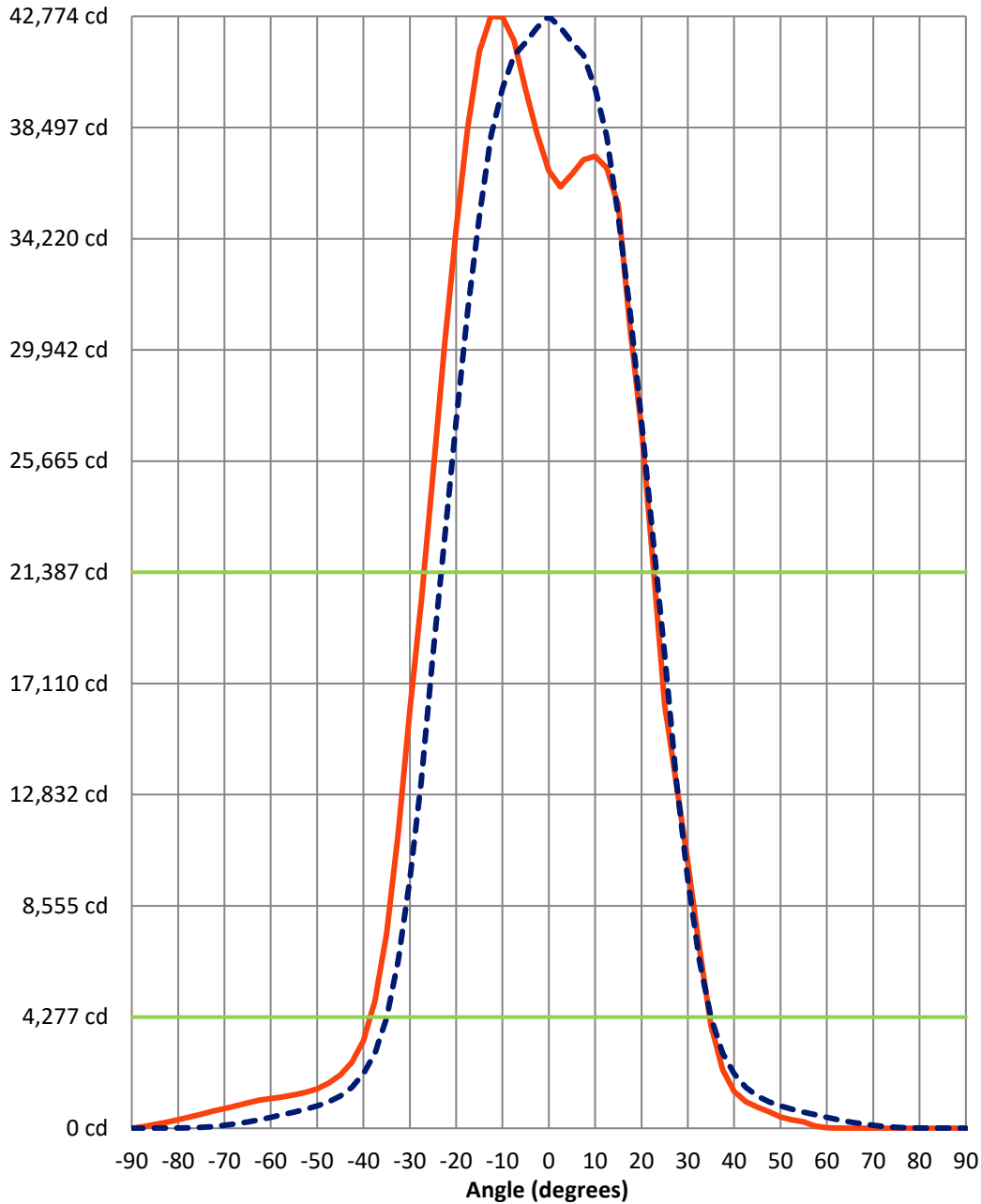
CATALOG NUMBER: GFLD-SA6C-730-U-MWR-VSR-XX

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 20450
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 27519.6
 Efficiency: 90.1%

Spill:
 Lumens: 3012
 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	6
57.5°	0	0	1	4	5	3	3	5	6	6	7
55°	0	0	1	4	5	3	4	7	6	7	7
52.5°	0	0	2	5	5	4	5	7	7	7	7
50°	0	0	2	6	5	4	6	7	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	7	9	12
42.5°	0	0	3	7	6	6	8	9	8	11	14
40°	0	0	4	7	6	7	9	9	9	13	17
37.5°	0	0	4	7	6	7	10	10	11	16	19
35°	0	0	4	7	7	7	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	19	31	56
27.5°	0	0	5	7	7	10	13	14	23	37	69
25°	0	0	6	7	7	11	13	16	28	47	81
22.5°	0	0	6	7	7	11	13	18	34	58	96
20°	0	0	6	7	7	12	14	21	40	67	111
17.5°	0	0	6	7	7	12	14	23	46	76	126
15°	0	0	7	7	7	13	15	26	52	83	141
12.5°	0	0	7	7	7	13	16	31	58	90	157
10°	0	0	7	7	7	13	17	36	63	101	171
7.5°	0	0	7	7	7	14	18	41	67	113	182
5°	0	0	7	7	7	14	19	47	71	125	191
2.5°	0	0	7	7	7	14	20	51	74	137	198
0°	0	0	7	7	7	14	21	56	77	147	203
-2.5°	0	0	7	7	8	15	25	58	87	154	214
-5°	0	0	7	7	8	15	28	60	96	160	224
-7.5°	0	0	7	7	9	16	31	61	105	164	232
-10°	0	1	7	7	9	17	34	62	111	168	238
-12.5°	0	1	7	7	10	17	37	63	116	172	242
-15°	0	1	7	7	10	17	38	64	118	174	244
-17.5°	0	1	7	7	10	18	39	66	117	174	244
-20°	0	1	6	7	11	18	40	68	116	173	241

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CATALOG NUMBER: GFLD-SA6C-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	6	7	11	18	40	70	114	171	235
-25°	0	1	6	7	11	19	40	71	111	168	226
-27.5°	0	1	6	7	11	20	40	71	109	163	221
-30°	0	2	6	7	10	21	39	70	107	158	214
-32.5°	0	2	6	7	11	22	38	68	106	154	206
-35°	0	2	6	7	11	23	38	67	103	149	196
-37.5°	0	2	6	7	11	23	39	64	98	144	193
-40°	0	2	6	7	12	23	39	62	93	138	189
-42.5°	0	2	6	7	12	23	38	59	88	131	183
-45°	0	2	6	7	12	23	37	57	84	123	175
-47.5°	0	2	6	8	13	23	36	55	80	113	164
-50°	0	2	6	8	13	22	35	53	76	109	151
-52.5°	0	2	6	8	13	21	34	50	73	103	138
-55°	0	2	6	8	13	21	33	47	69	96	130
-57.5°	0	2	6	9	13	20	31	45	65	90	120
-60°	0	2	6	9	12	19	29	43	60	84	111
-62.5°	0	1	6	9	12	18	28	40	56	77	102
-65°	0	1	5	9	12	17	25	37	51	69	92
-67.5°	0	1	5	9	12	16	23	33	45	62	81
-70°	0	1	4	8	11	15	20	29	40	53	70
-72.5°	0	1	4	8	11	14	19	25	34	45	58
-75°	0	1	3	7	10	13	17	22	28	37	48
-77.5°	0	1	3	6	9	12	16	20	24	30	37
-80°	0	1	2	5	7	10	14	17	21	25	30
-82.5°	0	0	2	3	5	8	11	14	18	21	25
-85°	0	0	1	2	4	5	7	9	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



REPORT NUMBER: P627866 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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	5	3	2	0	2	2	2	0	0	0
62.5°	6	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	6	6	8	8	7	9	10	25	42	46
55°	7	7	8	9	11	12	19	39	59	72	78
52.5°	8	8	11	13	16	26	48	71	90	105	123
50°	9	11	14	19	31	55	82	107	131	154	180
47.5°	12	15	21	31	57	88	120	152	181	212	251
45°	15	23	30	54	87	125	166	202	232	268	302
42.5°	18	34	51	77	123	169	215	245	278	317	363
40°	29	48	74	113	162	218	258	290	325	380	435
37.5°	43	67	98	149	208	262	301	340	391	455	521
35°	58	86	130	188	253	303	346	395	465	539	617
32.5°	75	103	162	227	289	342	391	463	536	618	725
30°	90	130	194	264	323	378	447	527	600	699	825
27.5°	107	157	226	295	354	413	503	581	664	777	928
25°	125	186	256	323	385	458	557	640	725	870	1073
22.5°	147	213	285	349	413	506	612	715	827	971	1221
20°	170	239	312	380	442	552	671	797	949	1149	1478
17.5°	191	262	337	411	488	601	734	883	1072	1322	1804
15°	211	283	362	443	532	652	798	980	1209	1520	2120
12.5°	228	301	386	473	572	697	853	1052	1323	1769	2524
10°	244	317	409	502	606	738	902	1113	1415	1948	2825
7.5°	258	335	431	530	636	773	943	1162	1497	2089	3060
5°	269	356	449	551	658	801	977	1200	1565	2192	3241
2.5°	279	375	464	568	675	824	1004	1236	1632	2277	3395
0°	287	393	477	582	687	842	1024	1262	1683	2335	3514
-2.5°	298	402	493	593	707	854	1033	1281	1700	2344	3490
-5°	306	408	507	601	722	861	1036	1289	1698	2325	3418
-7.5°	312	412	517	608	731	865	1037	1284	1680	2286	3301
-10°	318	416	521	616	733	864	1031	1268	1640	2211	3125
-12.5°	324	420	522	620	732	859	1018	1240	1577	2098	2899
-15°	329	423	521	619	729	850	996	1200	1494	1947	2619
-17.5°	331	423	519	614	723	836	966	1153	1416	1815	2419
-20°	330	422	516	603	715	822	947	1116	1352	1688	2175

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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°	327	419	511	595	701	807	923	1072	1269	1545	1939
-25°	320	414	505	589	685	789	893	1024	1196	1440	1767
-27.5°	309	405	494	581	668	769	867	985	1136	1324	1586
-30°	294	393	481	568	654	748	842	942	1074	1238	1448
-32.5°	279	380	466	550	637	726	815	908	1021	1157	1321
-35°	268	363	450	530	616	702	787	874	967	1087	1228
-37.5°	262	346	434	510	591	675	757	839	925	1020	1148
-40°	253	328	416	492	565	647	726	804	883	978	1076
-42.5°	242	316	396	473	543	618	693	768	848	936	1028
-45°	232	301	377	449	519	589	662	732	810	893	978
-47.5°	219	284	357	420	489	560	630	700	768	846	928
-50°	203	265	331	392	454	524	594	664	732	797	869
-52.5°	187	242	305	365	421	480	552	623	690	756	819
-55°	169	220	277	336	393	444	506	578	645	708	774
-57.5°	155	198	250	306	362	415	472	533	599	661	724
-60°	143	178	222	274	329	382	437	494	554	613	670
-62.5°	129	160	196	239	290	344	395	449	505	556	607
-65°	117	141	172	208	249	296	347	398	449	494	537
-67.5°	103	125	149	177	212	252	292	339	386	430	471
-70°	89	108	129	152	178	211	248	285	323	362	402
-72.5°	74	91	109	128	151	179	208	238	270	304	338
-75°	60	74	90	106	125	147	171	197	223	250	278
-77.5°	48	59	72	84	99	117	136	156	177	199	220
-80°	37	45	55	65	77	89	102	116	132	149	167
-82.5°	29	35	41	48	55	63	72	82	94	107	120
-85°	21	24	28	32	37	41	47	52	60	68	76
-87.5°	11	12	14	16	18	20	23	25	28	32	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	3	5	5	5	6
60°	19	13	18	23	22	17	25	28	26	21	22
57.5°	49	53	61	71	78	83	90	97	102	105	108
55°	90	108	127	136	151	174	194	196	199	204	216
52.5°	144	165	175	192	221	240	250	266	283	300	315
50°	210	227	248	275	304	322	328	357	392	421	438
47.5°	275	299	337	384	409	430	459	496	535	576	609
45°	336	379	428	470	503	538	578	624	685	742	785
42.5°	406	454	503	552	588	648	717	771	859	935	983
40°	487	535	605	665	739	815	934	1043	1154	1281	1375
37.5°	584	658	758	854	964	1076	1288	1505	1682	1930	2068
35°	701	815	957	1101	1276	1547	1856	2275	2709	3072	3421
32.5°	836	982	1177	1435	1729	2165	2629	3400	4150	4900	5636
30°	969	1181	1479	1834	2318	3007	3882	5072	6362	7491	8513
27.5°	1146	1447	1834	2364	3187	4197	5813	7466	9108	10574	11628
25°	1361	1764	2311	3188	4377	6052	8218	10244	12171	13609	14820
22.5°	1671	2274	3051	4168	6326	8655	11247	13797	15962	17773	18966
20°	2053	2870	4170	6193	8732	11645	14980	17662	20329	22366	24187
17.5°	2595	3896	5732	8301	11334	15220	18654	21645	25031	27113	28971
15°	3083	4754	7372	10650	14203	18322	22372	26036	29303	31592	33668
12.5°	3699	5667	8676	12532	16419	21004	25214	29137	32337	34693	36145
10°	4251	6603	9978	14011	18363	23153	27516	31599	34699	36520	37588
7.5°	4697	7380	11034	15278	19871	24693	29302	33354	36321	37844	38573
5°	5043	7957	11860	16316	21087	26020	30724	34691	37189	38449	38856
2.5°	5302	8358	12417	16999	21908	27001	31804	35713	37844	38753	38888
0°	5477	8640	12778	17428	22611	27352	32388	36357	38384	39114	39184
-2.5°	5436	8538	12762	17273	22530	27510	32481	36398	38567	39547	39707
-5°	5325	8298	12339	16831	21889	26877	31618	35754	38416	39896	40552
-7.5°	5112	7883	11616	15986	20851	25844	30678	34970	38033	40115	41398
-10°	4748	7276	10689	14917	19712	24469	29249	33703	37001	39508	41295
-12.5°	4252	6453	9561	13404	18224	22665	27191	31458	35059	38150	39996
-15°	3740	5597	8388	11904	16100	20474	24655	28842	32397	35287	37590
-17.5°	3375	4846	7029	10107	13791	17940	22019	25866	29073	31791	34206
-20°	2914	4006	5735	8322	11566	15193	19100	22524	25388	27936	30244



REPORT NUMBER: P627866 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	2546	3430	4679	6445	9359	12558	15754	18906	21599	23868	25837
-25°	2212	2833	3809	5245	7140	9902	12596	15257	17743	19852	21626
-27.5°	1950	2444	3095	4116	5555	7167	9527	11751	13889	15817	17490
-30°	1712	2082	2591	3230	4208	5406	6825	8489	10193	11715	13235
-32.5°	1541	1804	2154	2628	3176	4034	4891	6011	7090	8200	9290
-35°	1387	1599	1837	2154	2530	3031	3596	4279	4857	5583	6253
-37.5°	1282	1431	1613	1813	2082	2361	2744	3159	3517	3922	4262
-40°	1194	1312	1435	1570	1754	1943	2190	2424	2650	2897	3081
-42.5°	1121	1215	1304	1408	1518	1669	1835	1980	2118	2263	2384
-45°	1064	1134	1205	1286	1369	1479	1596	1705	1795	1875	1941
-47.5°	1002	1064	1128	1190	1261	1341	1418	1487	1562	1625	1670
-50°	940	1003	1060	1114	1176	1238	1299	1355	1408	1455	1483
-52.5°	882	946	1002	1052	1104	1155	1205	1255	1302	1343	1363
-55°	837	896	953	997	1041	1085	1129	1177	1220	1260	1272
-57.5°	787	847	902	943	983	1022	1064	1108	1149	1187	1199
-60°	730	793	841	880	921	964	1003	1042	1081	1113	1127
-62.5°	662	718	763	802	838	873	916	958	998	1030	1050
-65°	581	630	673	712	747	781	821	860	896	925	946
-67.5°	511	549	584	619	654	689	726	761	796	821	838
-70°	441	476	509	542	573	603	633	663	693	715	731
-72.5°	372	403	432	461	489	516	542	568	592	612	628
-75°	307	334	359	383	407	428	448	468	488	504	518
-77.5°	242	264	285	306	326	343	359	374	389	403	416
-80°	186	201	216	232	247	260	272	284	295	306	316
-82.5°	133	143	154	164	174	183	192	200	209	216	224
-85°	85	90	96	102	107	113	118	123	128	133	138
-87.5°	40	43	46	48	51	53	56	58	61	63	66
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627866 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	6	7	7	7	7	7	6	6	5	5	5
60°	22	21	21	21	21	21	22	22	21	26	28
57.5°	106	98	92	84	92	98	106	108	105	102	97
55°	229	242	247	246	247	242	229	216	204	199	196
52.5°	326	332	330	323	330	332	326	315	300	283	266
50°	445	446	442	435	442	446	445	438	421	392	357
47.5°	625	635	639	638	639	635	625	609	576	535	496
45°	802	811	815	814	815	811	802	785	742	685	624
42.5°	1009	1024	1029	1024	1029	1024	1009	983	935	859	771
40°	1429	1447	1439	1417	1439	1447	1429	1375	1281	1154	1043
37.5°	2165	2235	2265	2265	2265	2235	2165	2068	1930	1682	1505
35°	3734	3984	4099	3956	4099	3984	3734	3421	3072	2709	2275
32.5°	6237	6680	6929	6929	6929	6680	6237	5636	4900	4150	3400
30°	9286	9841	10152	10219	10152	9841	9286	8513	7491	6362	5072
27.5°	12449	13022	13320	13276	13320	13022	12449	11628	10574	9108	7466
25°	15622	16056	16306	16313	16306	16056	15622	14820	13609	12171	10244
22.5°	20309	21223	21599	21699	21599	21223	20309	18966	17773	15962	13797
20°	25419	26305	26876	26910	26876	26305	25419	24187	22366	20329	17662
17.5°	30288	30727	30808	30845	30808	30727	30288	28971	27113	25031	21645
15°	34877	35031	35437	35488	35437	35031	34877	33668	31592	29303	26036
12.5°	37057	37198	37128	36939	37128	37198	37057	36145	34693	32337	29137
10°	38245	38046	37751	37395	37751	38046	38245	37588	36520	34699	31599
7.5°	38514	38293	37772	37255	37772	38293	38514	38573	37844	36321	33354
5°	38641	37994	37336	36708	37336	37994	38641	38856	38449	37189	34691
2.5°	38566	37796	36892	36217	36892	37796	38566	38888	38753	37844	35713
0°	38812	38033	37087	36834	37087	38033	38812	39184	39114	38384	36357
-2.5°	39497	38866	38372	38237	38372	38866	39497	39707	39547	38567	36398
-5°	40730	40591	39751	39948	39751	40591	40730	40552	39896	38416	35754
-7.5°	41920	41723	41368	41828	41368	41723	41920	41398	40115	38033	34970
-10°	42237	42172	42338	42746	42338	42172	42237	41295	39508	37001	33703
-12.5°	41266	41775	42345	42774	42345	41775	41266	39996	38150	35059	31458
-15°	39103	40143	40995	41400	40995	40143	39103	37590	35287	32397	28842
-17.5°	35916	37191	38201	38489	38201	37191	35916	34206	31791	29073	25866
-20°	31992	33290	34209	34576	34209	33290	31992	30244	27936	25388	22524

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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°	27577	28843	29677	30115	29677	28843	27577	25837	23868	21599	18906
-25°	23096	24209	24948	25143	24948	24209	23096	21626	19852	17743	15257
-27.5°	18810	19706	20251	20311	20251	19706	18810	17490	15817	13889	11751
-30°	14499	15331	15803	16054	15803	15331	14499	13235	11715	10193	8489
-32.5°	10183	10843	11242	11348	11242	10843	10183	9290	8200	7090	6011
-35°	6789	7200	7453	7504	7453	7200	6789	6253	5583	4857	4279
-37.5°	4540	4740	4863	4923	4863	4740	4540	4262	3922	3517	3159
-40°	3216	3310	3363	3373	3363	3310	3216	3081	2897	2650	2424
-42.5°	2460	2508	2532	2539	2532	2508	2460	2384	2263	2118	1980
-45°	1988	2021	2041	2048	2041	2021	1988	1941	1875	1795	1705
-47.5°	1700	1722	1735	1739	1735	1722	1700	1670	1625	1562	1487
-50°	1500	1512	1517	1515	1517	1512	1500	1483	1455	1408	1355
-52.5°	1374	1382	1384	1382	1384	1382	1374	1363	1343	1302	1255
-55°	1280	1286	1287	1283	1287	1286	1280	1272	1260	1220	1177
-57.5°	1209	1216	1214	1206	1214	1216	1209	1199	1187	1149	1108
-60°	1137	1146	1146	1143	1146	1146	1137	1127	1113	1081	1042
-62.5°	1067	1081	1083	1080	1083	1081	1067	1050	1030	998	958
-65°	965	982	981	975	981	982	965	946	925	896	860
-67.5°	852	865	865	863	865	865	852	838	821	796	761
-70°	747	760	760	757	760	760	747	731	715	693	663
-72.5°	642	655	659	659	659	655	642	628	612	592	568
-75°	532	544	543	540	543	544	532	518	504	488	468
-77.5°	428	439	438	435	438	439	428	416	403	389	374
-80°	326	335	333	330	333	335	326	316	306	295	284
-82.5°	231	237	235	231	235	237	231	224	216	209	200
-85°	142	147	147	147	147	147	142	138	133	128	123
-87.5°	68	70	67	63	67	70	68	66	63	61	58
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627866 (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	3	2	2	2	2	2	1	2
60°	25	17	22	23	18	13	19	17	7	6	5
57.5°	90	83	78	71	61	53	49	46	42	25	10
55°	194	174	151	136	127	108	90	78	72	59	39
52.5°	250	240	221	192	175	165	144	123	105	90	71
50°	328	322	304	275	248	227	210	180	154	131	107
47.5°	459	430	409	384	337	299	275	251	212	181	152
45°	578	538	503	470	428	379	336	302	268	232	202
42.5°	717	648	588	552	503	454	406	363	317	278	245
40°	934	815	739	665	605	535	487	435	380	325	290
37.5°	1288	1076	964	854	758	658	584	521	455	391	340
35°	1856	1547	1276	1101	957	815	701	617	539	465	395
32.5°	2629	2165	1729	1435	1177	982	836	725	618	536	463
30°	3882	3007	2318	1834	1479	1181	969	825	699	600	527
27.5°	5813	4197	3187	2364	1834	1447	1146	928	777	664	581
25°	8218	6052	4377	3188	2311	1764	1361	1073	870	725	640
22.5°	11247	8655	6326	4168	3051	2274	1671	1221	971	827	715
20°	14980	11645	8732	6193	4170	2870	2053	1478	1149	949	797
17.5°	18654	15220	11334	8301	5732	3896	2595	1804	1322	1072	883
15°	22372	18322	14203	10650	7372	4754	3083	2120	1520	1209	980
12.5°	25214	21004	16419	12532	8676	5667	3699	2524	1769	1323	1052
10°	27516	23153	18363	14011	9978	6603	4251	2825	1948	1415	1113
7.5°	29302	24693	19871	15278	11034	7380	4697	3060	2089	1497	1162
5°	30724	26020	21087	16316	11860	7957	5043	3241	2192	1565	1200
2.5°	31804	27001	21908	16999	12417	8358	5302	3395	2277	1632	1236
0°	32388	27352	22611	17428	12778	8640	5477	3514	2335	1683	1262
-2.5°	32481	27510	22530	17273	12762	8538	5436	3490	2344	1700	1281
-5°	31618	26877	21889	16831	12339	8298	5325	3418	2325	1698	1289
-7.5°	30678	25844	20851	15986	11616	7883	5112	3301	2286	1680	1284
-10°	29249	24469	19712	14917	10689	7276	4748	3125	2211	1640	1268
-12.5°	27191	22665	18224	13404	9561	6453	4252	2899	2098	1577	1240
-15°	24655	20474	16100	11904	8388	5597	3740	2619	1947	1494	1200
-17.5°	22019	17940	13791	10107	7029	4846	3375	2419	1815	1416	1153
-20°	19100	15193	11566	8322	5735	4006	2914	2175	1688	1352	1116

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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°	15754	12558	9359	6445	4679	3430	2546	1939	1545	1269	1072
-25°	12596	9902	7140	5245	3809	2833	2212	1767	1440	1196	1024
-27.5°	9527	7167	5555	4116	3095	2444	1950	1586	1324	1136	985
-30°	6825	5406	4208	3230	2591	2082	1712	1448	1238	1074	942
-32.5°	4891	4034	3176	2628	2154	1804	1541	1321	1157	1021	908
-35°	3596	3031	2530	2154	1837	1599	1387	1228	1087	967	874
-37.5°	2744	2361	2082	1813	1613	1431	1282	1148	1020	925	839
-40°	2190	1943	1754	1570	1435	1312	1194	1076	978	883	804
-42.5°	1835	1669	1518	1408	1304	1215	1121	1028	936	848	768
-45°	1596	1479	1369	1286	1205	1134	1064	978	893	810	732
-47.5°	1418	1341	1261	1190	1128	1064	1002	928	846	768	700
-50°	1299	1238	1176	1114	1060	1003	940	869	797	732	664
-52.5°	1205	1155	1104	1052	1002	946	882	819	756	690	623
-55°	1129	1085	1041	997	953	896	837	774	708	645	578
-57.5°	1064	1022	983	943	902	847	787	724	661	599	533
-60°	1003	964	921	880	841	793	730	670	613	554	494
-62.5°	916	873	838	802	763	718	662	607	556	505	449
-65°	821	781	747	712	673	630	581	537	494	449	398
-67.5°	726	689	654	619	584	549	511	471	430	386	339
-70°	633	603	573	542	509	476	441	402	362	323	285
-72.5°	542	516	489	461	432	403	372	338	304	270	238
-75°	448	428	407	383	359	334	307	278	250	223	197
-77.5°	359	343	326	306	285	264	242	220	199	177	156
-80°	272	260	247	232	216	201	186	167	149	132	116
-82.5°	192	183	174	164	154	143	133	120	107	94	82
-85°	118	113	107	102	96	90	85	76	68	60	52
-87.5°	56	53	51	48	46	43	40	36	32	28	25
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627866 (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	5	3	2	2	2	0
62.5°	4	5	4	3	4	6	6	4	4	3	1
60°	5	6	7	6	5	6	7	6	5	5	3
57.5°	9	7	8	8	6	6	7	7	6	6	5
55°	19	12	11	9	8	7	7	7	7	6	7
52.5°	48	26	16	13	11	8	8	7	7	7	7
50°	82	55	31	19	14	11	9	8	7	7	7
47.5°	120	88	57	31	21	15	12	10	7	7	8
45°	166	125	87	54	30	23	15	12	9	7	9
42.5°	215	169	123	77	51	34	18	14	11	8	9
40°	258	218	162	113	74	48	29	17	13	9	9
37.5°	301	262	208	149	98	67	43	19	16	11	10
35°	346	303	253	188	130	86	58	26	20	14	10
32.5°	391	342	289	227	162	103	75	42	25	17	11
30°	447	378	323	264	194	130	90	56	31	19	12
27.5°	503	413	354	295	226	157	107	69	37	23	14
25°	557	458	385	323	256	186	125	81	47	28	16
22.5°	612	506	413	349	285	213	147	96	58	34	18
20°	671	552	442	380	312	239	170	111	67	40	21
17.5°	734	601	488	411	337	262	191	126	76	46	23
15°	798	652	532	443	362	283	211	141	83	52	26
12.5°	853	697	572	473	386	301	228	157	90	58	31
10°	902	738	606	502	409	317	244	171	101	63	36
7.5°	943	773	636	530	431	335	258	182	113	67	41
5°	977	801	658	551	449	356	269	191	125	71	47
2.5°	1004	824	675	568	464	375	279	198	137	74	51
0°	1024	842	687	582	477	393	287	203	147	77	56
-2.5°	1033	854	707	593	493	402	298	214	154	87	58
-5°	1036	861	722	601	507	408	306	224	160	96	60
-7.5°	1037	865	731	608	517	412	312	232	164	105	61
-10°	1031	864	733	616	521	416	318	238	168	111	62
-12.5°	1018	859	732	620	522	420	324	242	172	116	63
-15°	996	850	729	619	521	423	329	244	174	118	64
-17.5°	966	836	723	614	519	423	331	244	174	117	66
-20°	947	822	715	603	516	422	330	241	173	116	68

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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	923	807	701	595	511	419	327	235	171	114	70
-25°	893	789	685	589	505	414	320	226	168	111	71
-27.5°	867	769	668	581	494	405	309	221	163	109	71
-30°	842	748	654	568	481	393	294	214	158	107	70
-32.5°	815	726	637	550	466	380	279	206	154	106	68
-35°	787	702	616	530	450	363	268	196	149	103	67
-37.5°	757	675	591	510	434	346	262	193	144	98	64
-40°	726	647	565	492	416	328	253	189	138	93	62
-42.5°	693	618	543	473	396	316	242	183	131	88	59
-45°	662	589	519	449	377	301	232	175	123	84	57
-47.5°	630	560	489	420	357	284	219	164	113	80	55
-50°	594	524	454	392	331	265	203	151	109	76	53
-52.5°	552	480	421	365	305	242	187	138	103	73	50
-55°	506	444	393	336	277	220	169	130	96	69	47
-57.5°	472	415	362	306	250	198	155	120	90	65	45
-60°	437	382	329	274	222	178	143	111	84	60	43
-62.5°	395	344	290	239	196	160	129	102	77	56	40
-65°	347	296	249	208	172	141	117	92	69	51	37
-67.5°	292	252	212	177	149	125	103	81	62	45	33
-70°	248	211	178	152	129	108	89	70	53	40	29
-72.5°	208	179	151	128	109	91	74	58	45	34	25
-75°	171	147	125	106	90	74	60	48	37	28	22
-77.5°	136	117	99	84	72	59	48	37	30	24	20
-80°	102	89	77	65	55	45	37	30	25	21	17
-82.5°	72	63	55	48	41	35	29	25	21	18	14
-85°	47	41	37	32	28	24	21	18	15	12	9
-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-SA6C-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	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	4	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	7	7	7	4	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°	13	11	7	7	6	0	0
20°	14	12	7	7	6	0	0
17.5°	14	12	7	7	6	0	0
15°	15	13	7	7	7	0	0
12.5°	16	13	7	7	7	0	0
10°	17	13	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°	28	15	8	7	7	0	0
-7.5°	31	16	9	7	7	0	0
-10°	34	17	9	7	7	1	0
-12.5°	37	17	10	7	7	1	0
-15°	38	17	10	7	7	1	0
-17.5°	39	18	10	7	7	1	0
-20°	40	18	11	7	6	1	0

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CATALOG NUMBER: GFLD-SA6C-730-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	40	18	11	7	6	1	0
-25°	40	19	11	7	6	1	0
-27.5°	40	20	11	7	6	1	0
-30°	39	21	10	7	6	2	0
-32.5°	38	22	11	7	6	2	0
-35°	38	23	11	7	6	2	0
-37.5°	39	23	11	7	6	2	0
-40°	39	23	12	7	6	2	0
-42.5°	38	23	12	7	6	2	0
-45°	37	23	12	7	6	2	0
-47.5°	36	23	13	8	6	2	0
-50°	35	22	13	8	6	2	0
-52.5°	34	21	13	8	6	2	0
-55°	33	21	13	8	6	2	0
-57.5°	31	20	13	9	6	2	0
-60°	29	19	12	9	6	2	0
-62.5°	28	18	12	9	6	1	0
-65°	25	17	12	9	5	1	0
-67.5°	23	16	12	9	5	1	0
-70°	20	15	11	8	4	1	0
-72.5°	19	14	11	8	4	1	0
-75°	17	13	10	7	3	1	0
-77.5°	16	12	9	6	3	1	0
-80°	14	10	7	5	2	1	0
-82.5°	11	8	5	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)