

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: P627886 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-740-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627886 (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-740-U-MWR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (96) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 33528.4 lumens
Efficiency: N/A
Efficacy: 135.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 46973 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 22457.3 lumens
Beam Efficiency: 67.0%

Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 30220.8 lumens
Field Efficiency: 90.1%

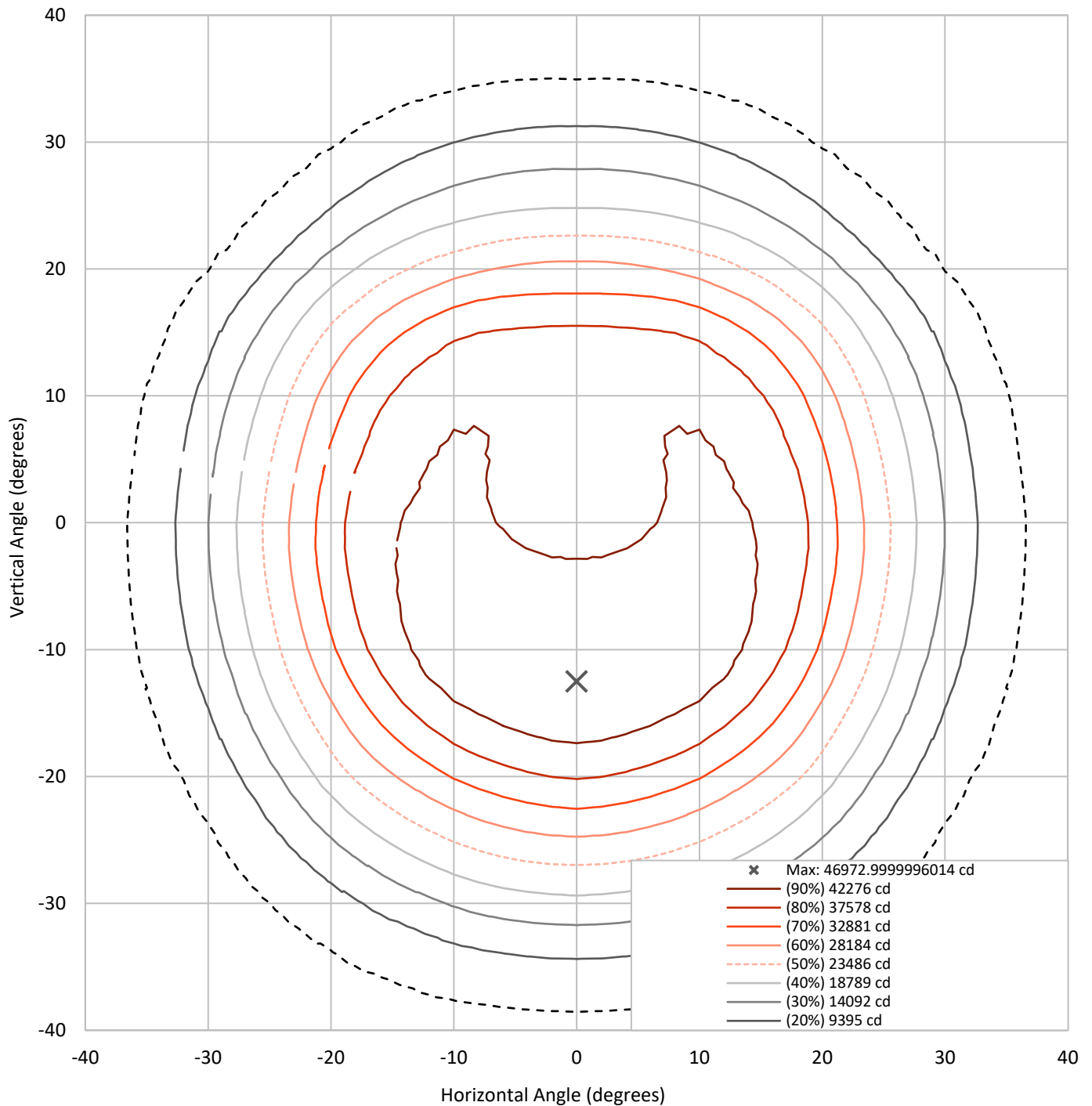
Input Watts (W): 247.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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CATALOG NUMBER: GFLD-SA6C-740-U-MWR-VSR-XX

Iso-Candela Plot





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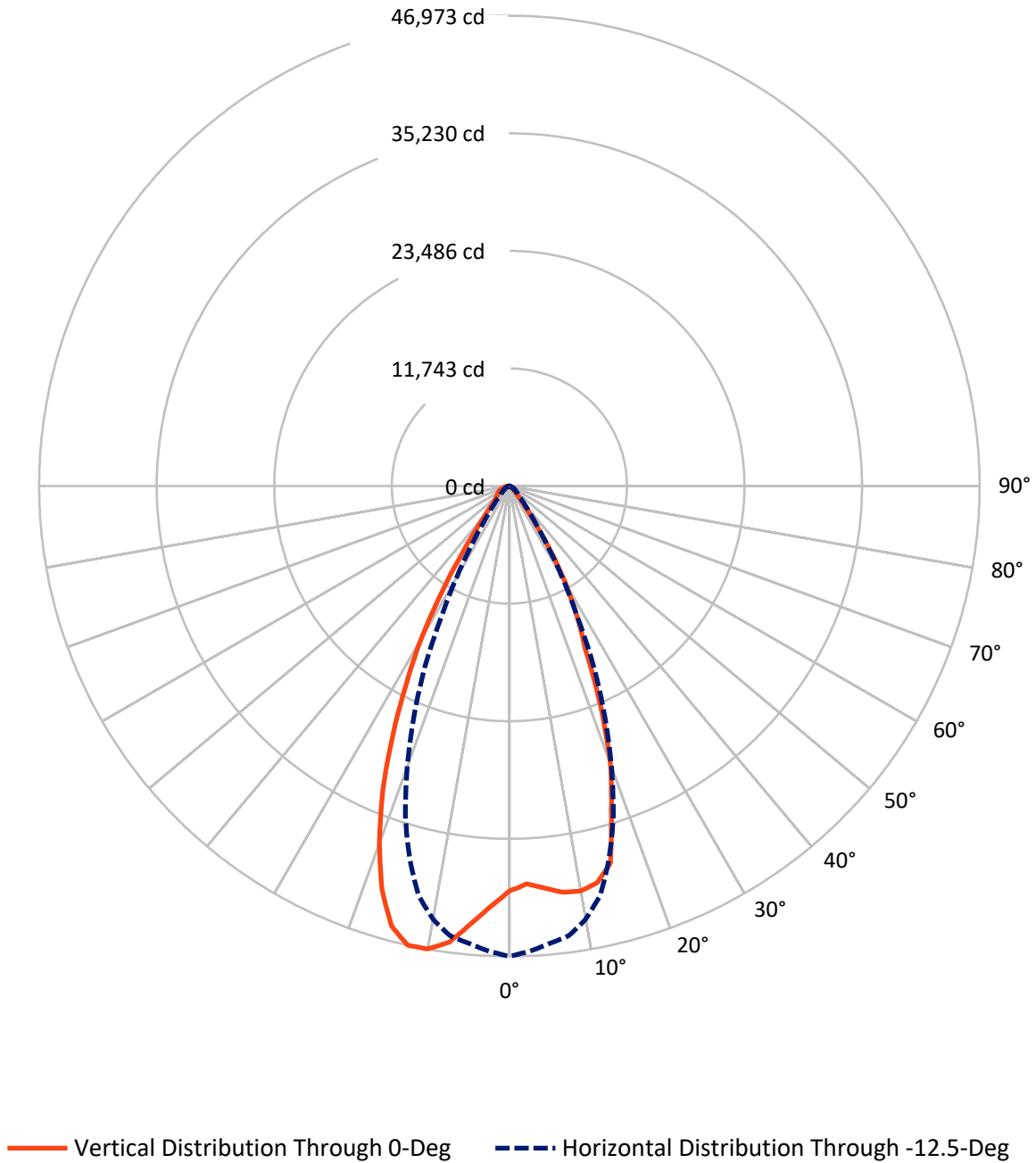
CATALOG NUMBER: GFLD-SA6C-740-U-MWR-VSR-XX

Lumen Table

90																			
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
70																			
60	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1				
50		0.1	0.2	1.1	2.7	4.6	6.4	7.4	7.4	6.4	4.6	2.7	1.1	0.2		0.1			
40	0.2	0.2	1.3	4.7	9.4	15.4	23.0	28.2	28.2	23.0	15.4	9.4	4.7	1.3	0.2	0.2			
30		0.6	3.7	9.7	20.1	43.5	99.0	151.1	151.1	99.0	43.5	20.1	9.7	3.7	0.6				
20	0.4	1.4	6.3	15.6	42.1	155.9	401.3	561.0	561.0	401.3	155.9	42.1	15.6	6.3	1.4	0.4			
10		2.2	8.7	24.2	100.1	432.8	902.9	1118.0	1118.0	902.9	432.8	100.1	24.2	8.7	2.2				
0	0.7	2.9	10.8	31.2	159.4	637.4	1164.2	1262.1	1262.1	1164.2	637.4	159.4	31.2	10.8	2.9	0.7			
-10		3.4	11.9	33.4	166.8	658.3	1206.1	1339.6	1339.6	1206.1	658.3	166.8	33.4	11.9	3.4				
-20	0.9	3.7	12.1	30.4	119.3	490.1	1017.5	1299.2	1299.2	1017.5	490.1	119.3	30.4	12.1	3.7	0.9			
-30		3.6	11.5	25.3	66.7	237.8	567.0	797.8	797.8	567.0	237.8	66.7	25.3	11.5	3.6				
-40	0.9	3.1	10.3	21.0	39.8	84.7	177.1	262.9	262.9	177.1	84.7	39.8	21.0	10.3	3.1	0.9			
-50		2.6	8.6	17.5	29.1	43.0	60.4	71.6	71.6	60.4	43.0	29.1	17.5	8.6	2.6				
-60	0.6	2.0	6.5	13.7	22.9	31.7	39.5	43.2	43.2	39.5	31.7	22.9	13.7	6.5	2.0	0.6			
-70		1.4	4.1	9.4	16.0	22.6	28.7	32.0	32.0	28.7	22.6	16.0	9.4	4.1	1.4				
-80	0.3	3.7	16.9	36.0	46.1	36.0	16.9	3.7	0.3										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

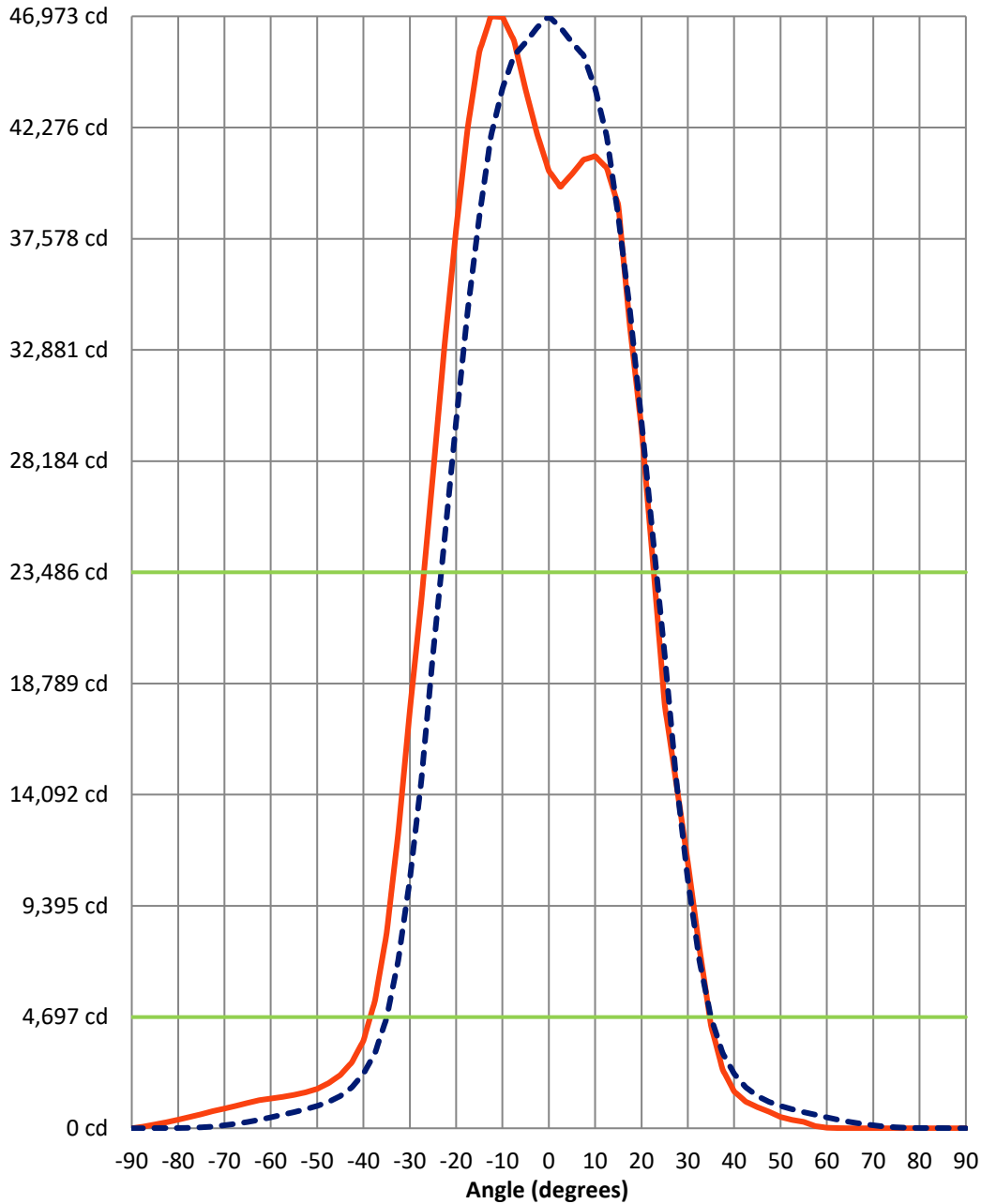
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 22457.3
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 30220.8
 Efficiency: 90.1%

Spill:
 Lumens: 3307.7
 Efficiency: 9.9%

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

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Scaled Data Report



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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	2	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	5
60°	0	0	0	3	5	3	1	3	5	6	7
57.5°	0	0	1	4	5	3	3	6	6	7	8
55°	0	0	1	5	5	4	4	8	7	8	8
52.5°	0	0	2	6	5	4	6	8	8	8	8
50°	0	0	2	7	6	5	7	8	8	8	9
47.5°	0	0	3	7	6	6	8	9	8	8	11
45°	0	0	3	7	6	6	8	9	8	10	13
42.5°	0	0	4	8	6	7	9	10	9	12	16
40°	0	0	4	8	7	7	10	10	10	14	18
37.5°	0	0	5	8	7	8	11	11	12	17	21
35°	0	0	5	8	7	8	12	11	15	22	29
32.5°	0	0	5	8	7	9	13	12	18	27	46
30°	0	0	6	8	8	10	13	13	21	34	62
27.5°	0	0	6	8	8	11	14	15	25	41	76
25°	0	0	6	8	8	12	14	18	31	52	89
22.5°	0	0	7	8	8	12	15	20	37	63	105
20°	0	0	7	8	8	13	15	23	44	74	122
17.5°	0	0	7	8	8	14	16	25	50	83	139
15°	0	0	7	8	8	14	17	29	57	91	155
12.5°	0	0	7	8	8	14	18	34	64	99	172
10°	0	0	7	8	8	15	19	40	69	111	187
7.5°	0	0	8	8	8	15	20	45	74	124	200
5°	0	0	8	8	8	15	21	51	78	137	210
2.5°	0	0	8	8	8	15	22	57	82	150	217
0°	0	0	8	8	8	15	23	62	85	162	223
-2.5°	0	0	8	8	8	16	27	64	96	169	235
-5°	0	0	8	8	9	17	31	66	106	175	246
-7.5°	0	0	8	8	10	18	35	67	115	180	254
-10°	0	1	8	8	10	18	38	68	122	185	261
-12.5°	0	1	7	8	11	19	40	69	127	189	266
-15°	0	1	7	8	11	19	42	70	129	191	268
-17.5°	0	1	7	8	12	19	43	72	128	191	268
-20°	0	1	7	8	12	20	44	75	127	190	265

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REPORT NUMBER: P627886 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-740-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	7	8	12	20	44	77	125	188	258
-25°	0	1	7	8	12	21	44	78	122	184	248
-27.5°	0	2	7	8	12	23	44	78	119	179	243
-30°	0	2	7	8	11	24	43	77	118	174	235
-32.5°	0	2	7	8	12	24	42	75	116	169	226
-35°	0	2	7	8	12	25	42	73	113	163	215
-37.5°	0	2	6	8	13	25	42	71	108	158	212
-40°	0	2	6	8	13	26	42	68	102	151	208
-42.5°	0	2	6	8	13	26	42	65	97	144	201
-45°	0	2	6	8	14	25	41	62	92	135	192
-47.5°	0	2	6	9	14	25	40	60	88	124	180
-50°	0	2	6	9	14	24	39	58	84	119	166
-52.5°	0	2	6	9	14	23	37	55	80	113	151
-55°	0	2	7	9	14	23	36	51	76	106	142
-57.5°	0	2	7	9	14	22	34	49	71	99	132
-60°	0	2	7	9	13	21	32	47	66	92	121
-62.5°	0	2	6	9	13	20	30	44	61	84	112
-65°	0	1	6	9	13	18	28	40	56	76	101
-67.5°	0	1	5	9	13	17	25	36	50	68	89
-70°	0	1	5	9	12	17	22	32	44	58	77
-72.5°	0	1	4	8	12	16	21	27	37	50	64
-75°	0	1	4	7	11	15	19	24	31	41	53
-77.5°	0	1	3	6	10	14	17	22	27	33	41
-80°	0	1	3	5	8	11	15	19	23	28	33
-82.5°	0	0	2	4	6	9	12	15	19	23	27
-85°	0	0	1	3	4	6	8	10	13	16	19
-87.5°	0	0	1	1	2	3	4	5	7	8	10
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627886 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-740-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°	1	2	3	2	0	0	0	0	0	0	0
65°	4	5	4	2	0	2	3	2	0	0	0
62.5°	7	6	4	3	4	6	5	3	1	2	3
60°	8	6	5	6	8	7	5	5	6	7	18
57.5°	8	7	7	8	9	8	10	11	28	46	51
55°	8	8	9	10	12	13	20	43	64	79	86
52.5°	9	9	12	14	18	29	53	78	99	115	135
50°	10	12	16	21	34	60	90	118	144	169	198
47.5°	13	16	23	34	62	96	132	167	199	233	275
45°	16	25	33	60	95	138	182	222	254	294	332
42.5°	19	38	56	85	135	186	236	269	305	349	398
40°	32	53	81	124	178	239	283	319	357	418	478
37.5°	47	74	107	163	229	288	330	373	429	499	572
35°	64	94	143	206	278	333	380	434	511	591	677
32.5°	82	113	178	249	318	376	429	508	589	678	796
30°	99	143	213	290	354	416	491	579	659	768	906
27.5°	117	173	248	324	389	453	552	638	729	853	1019
25°	137	204	281	355	422	503	612	703	796	955	1178
22.5°	161	234	313	384	454	556	672	785	908	1066	1341
20°	186	262	342	418	485	606	737	875	1042	1262	1623
17.5°	210	288	370	452	536	660	806	969	1177	1451	1981
15°	231	310	398	486	585	716	876	1077	1328	1669	2328
12.5°	251	331	424	519	628	766	937	1156	1453	1943	2771
10°	268	349	449	552	666	810	990	1222	1554	2140	3102
7.5°	283	368	473	582	699	848	1036	1276	1644	2294	3360
5°	296	391	493	605	723	880	1073	1318	1719	2407	3559
2.5°	307	412	510	624	741	905	1103	1358	1792	2500	3728
0°	316	431	524	639	755	924	1124	1386	1848	2565	3859
-2.5°	327	441	542	651	776	937	1135	1407	1867	2574	3832
-5°	336	448	557	660	793	945	1137	1415	1864	2554	3753
-7.5°	343	452	568	668	802	949	1139	1410	1845	2511	3625
-10°	349	457	572	676	805	949	1133	1393	1801	2428	3432
-12.5°	356	462	573	680	804	943	1118	1362	1732	2304	3184
-15°	361	464	572	680	800	933	1094	1318	1640	2138	2876
-17.5°	363	465	570	674	794	918	1061	1266	1555	1993	2656
-20°	363	463	566	663	785	902	1040	1226	1484	1854	2389



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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°	359	460	561	653	770	886	1014	1177	1394	1697	2129
-25°	352	454	554	647	753	867	981	1124	1313	1581	1941
-27.5°	340	445	543	638	734	845	952	1082	1247	1454	1741
-30°	323	432	528	623	718	822	925	1034	1179	1359	1590
-32.5°	306	418	512	605	700	798	895	997	1121	1270	1451
-35°	294	399	495	582	676	771	865	960	1061	1194	1349
-37.5°	287	380	477	560	649	741	831	922	1016	1120	1261
-40°	278	361	456	540	620	710	797	883	970	1074	1182
-42.5°	266	347	435	520	596	678	762	844	931	1027	1128
-45°	255	331	414	493	570	647	727	804	890	981	1074
-47.5°	241	312	392	462	537	615	692	769	844	929	1019
-50°	223	291	364	431	498	575	652	729	803	875	954
-52.5°	206	265	334	401	463	527	606	684	758	830	899
-55°	186	242	304	369	431	488	556	635	708	778	850
-57.5°	170	217	275	336	397	456	519	586	658	726	795
-60°	157	195	244	301	362	419	480	543	608	674	736
-62.5°	142	176	215	263	319	377	434	493	555	610	666
-65°	128	155	189	228	273	326	381	437	493	542	590
-67.5°	113	137	164	194	233	277	321	372	424	472	517
-70°	98	119	142	167	196	232	272	313	355	397	442
-72.5°	81	100	120	140	166	196	228	261	297	334	371
-75°	66	81	98	116	137	162	188	217	245	275	306
-77.5°	52	65	79	93	109	128	149	171	195	218	241
-80°	40	49	60	72	84	98	112	127	145	164	184
-82.5°	32	38	45	52	61	70	80	90	104	117	132
-85°	23	27	31	35	40	45	51	57	66	75	84
-87.5°	12	13	16	18	20	22	25	27	31	35	40
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627886 (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	3	3	2	2	4	5	5	6	6
60°	20	15	20	25	24	18	27	31	29	23	24
57.5°	54	58	67	78	86	91	98	107	112	116	119
55°	99	119	139	149	166	191	213	215	219	224	237
52.5°	159	181	192	211	243	264	274	292	311	330	346
50°	230	250	273	302	334	354	361	392	431	462	481
47.5°	302	328	370	422	449	472	504	545	587	633	668
45°	369	416	470	516	552	591	635	685	752	815	862
42.5°	446	499	553	607	646	712	787	847	943	1027	1080
40°	535	587	665	731	812	895	1025	1146	1267	1407	1510
37.5°	641	723	832	938	1058	1182	1415	1653	1847	2120	2271
35°	770	895	1050	1209	1401	1699	2039	2498	2975	3373	3756
32.5°	919	1079	1292	1576	1899	2377	2887	3733	4558	5381	6190
30°	1064	1297	1625	2014	2545	3302	4263	5570	6986	8227	9349
27.5°	1259	1589	2014	2596	3500	4609	6384	8199	10002	11612	12769
25°	1494	1937	2538	3501	4806	6646	9024	11250	13366	14945	16274
22.5°	1834	2497	3351	4577	6947	9505	12351	15151	17528	19517	20828
20°	2255	3152	4580	6801	9589	12788	16451	19396	22324	24562	26561
17.5°	2850	4278	6294	9116	12446	16714	20485	23770	27487	29775	31814
15°	3385	5221	8095	11695	15598	20121	24568	28591	32179	34693	36973
12.5°	4062	6224	9527	13762	18030	23065	27689	31996	35511	38098	39693
10°	4669	7251	10958	15387	20165	25425	30217	34701	38105	40104	41278
7.5°	5158	8105	12117	16777	21822	27116	32178	36628	39885	41558	42359
5°	5538	8738	13024	17917	23157	28574	33740	38096	40839	42222	42670
2.5°	5822	9179	13635	18667	24058	29651	34925	39218	41559	42556	42705
0°	6015	9489	14033	19139	24830	30037	35567	39926	42152	42953	43030
-2.5°	5970	9376	14015	18968	24742	30210	35669	39971	42353	43429	43604
-5°	5848	9113	13550	18483	24038	29515	34721	39263	42187	43812	44532
-7.5°	5614	8657	12756	17555	22898	28380	33689	38402	41766	44053	45461
-10°	5214	7991	11739	16382	21647	26871	32120	37011	40633	43386	45348
-12.5°	4670	7087	10499	14720	20013	24890	29859	34546	38500	41894	43922
-15°	4107	6146	9211	13072	17681	22484	27075	31673	35576	38751	41280
-17.5°	3707	5322	7719	11099	15145	19701	24181	28405	31927	34911	37564
-20°	3200	4399	6298	9139	12701	16684	20975	24735	27880	30678	33212



REPORT NUMBER: P627886 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-740-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°	2796	3767	5138	7077	10277	13790	17300	20762	23718	26210	28373
-25°	2430	3111	4183	5760	7841	10874	13832	16755	19485	21801	23749
-27.5°	2142	2684	3398	4521	6100	7870	10462	12905	15252	17370	19206
-30°	1880	2286	2845	3547	4621	5937	7495	9322	11194	12865	14534
-32.5°	1692	1981	2366	2886	3488	4430	5372	6601	7786	9005	10202
-35°	1523	1756	2017	2366	2778	3328	3949	4699	5333	6131	6867
-37.5°	1408	1571	1771	1991	2286	2593	3013	3469	3862	4306	4680
-40°	1312	1440	1575	1724	1927	2134	2405	2661	2910	3181	3384
-42.5°	1231	1334	1432	1547	1667	1833	2015	2175	2326	2485	2617
-45°	1168	1245	1324	1412	1504	1624	1753	1872	1971	2059	2132
-47.5°	1100	1169	1238	1307	1385	1472	1557	1633	1715	1784	1834
-50°	1033	1101	1164	1224	1291	1360	1427	1488	1546	1597	1629
-52.5°	968	1038	1100	1155	1212	1269	1324	1379	1429	1475	1496
-55°	919	984	1046	1095	1143	1191	1240	1292	1340	1384	1397
-57.5°	864	930	990	1036	1080	1123	1169	1216	1262	1304	1317
-60°	802	871	924	966	1012	1058	1101	1145	1187	1223	1237
-62.5°	727	789	838	880	921	959	1006	1052	1096	1132	1153
-65°	638	692	739	782	821	858	902	944	984	1016	1038
-67.5°	561	603	642	679	718	756	797	836	874	901	920
-70°	484	523	559	595	629	662	696	729	761	785	803
-72.5°	409	443	474	506	537	566	595	623	651	672	689
-75°	338	367	394	420	446	470	492	514	536	553	569
-77.5°	266	290	313	336	358	377	394	411	427	442	456
-80°	204	221	238	255	272	286	299	312	324	336	347
-82.5°	146	157	169	180	191	201	211	220	229	238	246
-85°	93	99	106	112	118	124	130	135	141	146	151
-87.5°	44	47	50	53	56	59	61	64	67	70	72
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627886 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-740-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°	7	7	8	8	8	7	7	6	6	5	5
60°	24	23	23	23	23	23	24	24	23	29	31
57.5°	116	108	100	92	100	108	116	119	116	112	107
55°	252	266	272	270	272	266	252	237	224	219	215
52.5°	358	364	363	354	363	364	358	346	330	311	292
50°	489	489	485	478	485	489	489	481	462	431	392
47.5°	686	697	702	701	702	697	686	668	633	587	545
45°	881	891	895	893	895	891	881	862	815	752	685
42.5°	1108	1125	1130	1125	1130	1125	1108	1080	1027	943	847
40°	1569	1589	1580	1556	1580	1589	1569	1510	1407	1267	1146
37.5°	2378	2454	2487	2488	2487	2454	2378	2271	2120	1847	1653
35°	4101	4375	4501	4344	4501	4375	4101	3756	3373	2975	2498
32.5°	6849	7335	7609	7609	7609	7335	6849	6190	5381	4558	3733
30°	10197	10806	11149	11221	11149	10806	10197	9349	8227	6986	5570
27.5°	13670	14300	14627	14579	14627	14300	13670	12769	11612	10002	8199
25°	17155	17632	17907	17914	17907	17632	17155	16274	14945	13366	11250
22.5°	22303	23306	23719	23829	23719	23306	22303	20828	19517	17528	15151
20°	27914	28887	29514	29552	29514	28887	27914	26561	24562	22324	19396
17.5°	33260	33743	33832	33872	33832	33743	33260	31814	29775	27487	23770
15°	38300	38469	38915	38971	38915	38469	38300	36973	34693	32179	28591
12.5°	40694	40849	40772	40565	40772	40849	40694	39693	38098	35511	31996
10°	41998	41780	41456	41066	41456	41780	41998	41278	40104	38105	34701
7.5°	42294	42052	41479	40912	41479	42052	42294	42359	41558	39885	36628
5°	42434	41723	41000	40311	41000	41723	42434	42670	42222	40839	38096
2.5°	42351	41505	40513	39772	40513	41505	42351	42705	42556	41559	39218
0°	42621	41767	40727	40450	40727	41767	42621	43030	42953	42152	39926
-2.5°	43374	42681	42138	41990	42138	42681	43374	43604	43429	42353	39971
-5°	44727	44575	43652	43869	43652	44575	44727	44532	43812	42187	39263
-7.5°	46035	45818	45428	45933	45428	45818	46035	45461	44053	41766	38402
-10°	46383	46312	46494	46942	46494	46312	46383	45348	43386	40633	37011
-12.5°	45317	45875	46501	46973	46501	45875	45317	43922	41894	38500	34546
-15°	42941	44083	45019	45463	45019	44083	42941	41280	38751	35576	31673
-17.5°	39441	40842	41951	42267	41951	40842	39441	37564	34911	31927	28405
-20°	35132	36557	37567	37970	37567	36557	35132	33212	30678	27880	24735

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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°	30284	31674	32589	33071	32589	31674	30284	28373	26210	23718	20762
-25°	25363	26585	27397	27611	27397	26585	25363	23749	21801	19485	16755
-27.5°	20657	21640	22238	22304	22238	21640	20657	19206	17370	15252	12905
-30°	15922	16836	17354	17629	17354	16836	15922	14534	12865	11194	9322
-32.5°	11183	11907	12346	12461	12346	11907	11183	10202	9005	7786	6601
-35°	7456	7907	8185	8241	8185	7907	7456	6867	6131	5333	4699
-37.5°	4985	5205	5340	5407	5340	5205	4985	4680	4306	3862	3469
-40°	3532	3635	3693	3705	3693	3635	3532	3384	3181	2910	2661
-42.5°	2701	2754	2781	2788	2781	2754	2701	2617	2485	2326	2175
-45°	2183	2219	2242	2249	2242	2219	2183	2132	2059	1971	1872
-47.5°	1867	1891	1905	1910	1905	1891	1867	1834	1784	1715	1633
-50°	1647	1661	1666	1664	1666	1661	1647	1629	1597	1546	1488
-52.5°	1509	1518	1520	1517	1520	1518	1509	1496	1475	1429	1379
-55°	1406	1412	1413	1409	1413	1412	1406	1397	1384	1340	1292
-57.5°	1327	1335	1333	1325	1333	1335	1327	1317	1304	1262	1216
-60°	1249	1258	1259	1255	1259	1258	1249	1237	1223	1187	1145
-62.5°	1172	1187	1189	1186	1189	1187	1172	1153	1132	1096	1052
-65°	1059	1078	1078	1071	1078	1078	1059	1038	1016	984	944
-67.5°	936	950	950	947	950	950	936	920	901	874	836
-70°	820	835	835	832	835	835	820	803	785	761	729
-72.5°	705	720	723	724	723	720	705	689	672	651	623
-75°	584	597	596	593	596	597	584	569	553	536	514
-77.5°	470	483	481	478	481	483	470	456	442	427	411
-80°	358	368	365	362	365	368	358	347	336	324	312
-82.5°	253	261	258	254	258	261	253	246	238	229	220
-85°	156	161	162	162	162	161	156	151	146	141	135
-87.5°	74	77	73	69	73	77	74	72	70	67	64
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627886 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-740-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	2	2	3	3	2	2	3	2	1	3
60°	27	18	24	25	20	15	20	18	7	6	5
57.5°	98	91	86	78	67	58	54	51	46	28	11
55°	213	191	166	149	139	119	99	86	79	64	43
52.5°	274	264	243	211	192	181	159	135	115	99	78
50°	361	354	334	302	273	250	230	198	169	144	118
47.5°	504	472	449	422	370	328	302	275	233	199	167
45°	635	591	552	516	470	416	369	332	294	254	222
42.5°	787	712	646	607	553	499	446	398	349	305	269
40°	1025	895	812	731	665	587	535	478	418	357	319
37.5°	1415	1182	1058	938	832	723	641	572	499	429	373
35°	2039	1699	1401	1209	1050	895	770	677	591	511	434
32.5°	2887	2377	1899	1576	1292	1079	919	796	678	589	508
30°	4263	3302	2545	2014	1625	1297	1064	906	768	659	579
27.5°	6384	4609	3500	2596	2014	1589	1259	1019	853	729	638
25°	9024	6646	4806	3501	2538	1937	1494	1178	955	796	703
22.5°	12351	9505	6947	4577	3351	2497	1834	1341	1066	908	785
20°	16451	12788	9589	6801	4580	3152	2255	1623	1262	1042	875
17.5°	20485	16714	12446	9116	6294	4278	2850	1981	1451	1177	969
15°	24568	20121	15598	11695	8095	5221	3385	2328	1669	1328	1077
12.5°	27689	23065	18030	13762	9527	6224	4062	2771	1943	1453	1156
10°	30217	25425	20165	15387	10958	7251	4669	3102	2140	1554	1222
7.5°	32178	27116	21822	16777	12117	8105	5158	3360	2294	1644	1276
5°	33740	28574	23157	17917	13024	8738	5538	3559	2407	1719	1318
2.5°	34925	29651	24058	18667	13635	9179	5822	3728	2500	1792	1358
0°	35567	30037	24830	19139	14033	9489	6015	3859	2565	1848	1386
-2.5°	35669	30210	24742	18968	14015	9376	5970	3832	2574	1867	1407
-5°	34721	29515	24038	18483	13550	9113	5848	3753	2554	1864	1415
-7.5°	33689	28380	22898	17555	12756	8657	5614	3625	2511	1845	1410
-10°	32120	26871	21647	16382	11739	7991	5214	3432	2428	1801	1393
-12.5°	29859	24890	20013	14720	10499	7087	4670	3184	2304	1732	1362
-15°	27075	22484	17681	13072	9211	6146	4107	2876	2138	1640	1318
-17.5°	24181	19701	15145	11099	7719	5322	3707	2656	1993	1555	1266
-20°	20975	16684	12701	9139	6298	4399	3200	2389	1854	1484	1226

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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°	17300	13790	10277	7077	5138	3767	2796	2129	1697	1394	1177
-25°	13832	10874	7841	5760	4183	3111	2430	1941	1581	1313	1124
-27.5°	10462	7870	6100	4521	3398	2684	2142	1741	1454	1247	1082
-30°	7495	5937	4621	3547	2845	2286	1880	1590	1359	1179	1034
-32.5°	5372	4430	3488	2886	2366	1981	1692	1451	1270	1121	997
-35°	3949	3328	2778	2366	2017	1756	1523	1349	1194	1061	960
-37.5°	3013	2593	2286	1991	1771	1571	1408	1261	1120	1016	922
-40°	2405	2134	1927	1724	1575	1440	1312	1182	1074	970	883
-42.5°	2015	1833	1667	1547	1432	1334	1231	1128	1027	931	844
-45°	1753	1624	1504	1412	1324	1245	1168	1074	981	890	804
-47.5°	1557	1472	1385	1307	1238	1169	1100	1019	929	844	769
-50°	1427	1360	1291	1224	1164	1101	1033	954	875	803	729
-52.5°	1324	1269	1212	1155	1100	1038	968	899	830	758	684
-55°	1240	1191	1143	1095	1046	984	919	850	778	708	635
-57.5°	1169	1123	1080	1036	990	930	864	795	726	658	586
-60°	1101	1058	1012	966	924	871	802	736	674	608	543
-62.5°	1006	959	921	880	838	789	727	666	610	555	493
-65°	902	858	821	782	739	692	638	590	542	493	437
-67.5°	797	756	718	679	642	603	561	517	472	424	372
-70°	696	662	629	595	559	523	484	442	397	355	313
-72.5°	595	566	537	506	474	443	409	371	334	297	261
-75°	492	470	446	420	394	367	338	306	275	245	217
-77.5°	394	377	358	336	313	290	266	241	218	195	171
-80°	299	286	272	255	238	221	204	184	164	145	127
-82.5°	211	201	191	180	169	157	146	132	117	104	90
-85°	130	124	118	112	106	99	93	84	75	66	57
-87.5°	61	59	56	53	50	47	44	40	35	31	27
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627886 (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	2	3	2	1	1	1	0	0
65°	3	2	0	2	4	5	4	2	2	2	0
62.5°	5	6	4	3	4	6	7	5	4	3	1
60°	5	7	8	6	5	6	8	7	6	5	3
57.5°	10	8	9	8	7	7	8	8	7	6	6
55°	20	13	12	10	9	8	8	8	8	7	8
52.5°	53	29	18	14	12	9	9	8	8	8	8
50°	90	60	34	21	16	12	10	9	8	8	8
47.5°	132	96	62	34	23	16	13	11	8	8	9
45°	182	138	95	60	33	25	16	13	10	8	9
42.5°	236	186	135	85	56	38	19	16	12	9	10
40°	283	239	178	124	81	53	32	18	14	10	10
37.5°	330	288	229	163	107	74	47	21	17	12	11
35°	380	333	278	206	143	94	64	29	22	15	11
32.5°	429	376	318	249	178	113	82	46	27	18	12
30°	491	416	354	290	213	143	99	62	34	21	13
27.5°	552	453	389	324	248	173	117	76	41	25	15
25°	612	503	422	355	281	204	137	89	52	31	18
22.5°	672	556	454	384	313	234	161	105	63	37	20
20°	737	606	485	418	342	262	186	122	74	44	23
17.5°	806	660	536	452	370	288	210	139	83	50	25
15°	876	716	585	486	398	310	231	155	91	57	29
12.5°	937	766	628	519	424	331	251	172	99	64	34
10°	990	810	666	552	449	349	268	187	111	69	40
7.5°	1036	848	699	582	473	368	283	200	124	74	45
5°	1073	880	723	605	493	391	296	210	137	78	51
2.5°	1103	905	741	624	510	412	307	217	150	82	57
0°	1124	924	755	639	524	431	316	223	162	85	62
-2.5°	1135	937	776	651	542	441	327	235	169	96	64
-5°	1137	945	793	660	557	448	336	246	175	106	66
-7.5°	1139	949	802	668	568	452	343	254	180	115	67
-10°	1133	949	805	676	572	457	349	261	185	122	68
-12.5°	1118	943	804	680	573	462	356	266	189	127	69
-15°	1094	933	800	680	572	464	361	268	191	129	70
-17.5°	1061	918	794	674	570	465	363	268	191	128	72
-20°	1040	902	785	663	566	463	363	265	190	127	75

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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°	1014	886	770	653	561	460	359	258	188	125	77
-25°	981	867	753	647	554	454	352	248	184	122	78
-27.5°	952	845	734	638	543	445	340	243	179	119	78
-30°	925	822	718	623	528	432	323	235	174	118	77
-32.5°	895	798	700	605	512	418	306	226	169	116	75
-35°	865	771	676	582	495	399	294	215	163	113	73
-37.5°	831	741	649	560	477	380	287	212	158	108	71
-40°	797	710	620	540	456	361	278	208	151	102	68
-42.5°	762	678	596	520	435	347	266	201	144	97	65
-45°	727	647	570	493	414	331	255	192	135	92	62
-47.5°	692	615	537	462	392	312	241	180	124	88	60
-50°	652	575	498	431	364	291	223	166	119	84	58
-52.5°	606	527	463	401	334	265	206	151	113	80	55
-55°	556	488	431	369	304	242	186	142	106	76	51
-57.5°	519	456	397	336	275	217	170	132	99	71	49
-60°	480	419	362	301	244	195	157	121	92	66	47
-62.5°	434	377	319	263	215	176	142	112	84	61	44
-65°	381	326	273	228	189	155	128	101	76	56	40
-67.5°	321	277	233	194	164	137	113	89	68	50	36
-70°	272	232	196	167	142	119	98	77	58	44	32
-72.5°	228	196	166	140	120	100	81	64	50	37	27
-75°	188	162	137	116	98	81	66	53	41	31	24
-77.5°	149	128	109	93	79	65	52	41	33	27	22
-80°	112	98	84	72	60	49	40	33	28	23	19
-82.5°	80	70	61	52	45	38	32	27	23	19	15
-85°	51	45	40	35	31	27	23	19	16	13	10
-87.5°	25	22	20	18	16	13	12	10	8	7	5
-90°	0	0	0	0	0	0	0	0	0	0	0

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CATALOG NUMBER: GFLD-SA6C-740-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	2	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	5	3	0	0	0
57.5°	3	3	5	4	1	0	0
55°	4	4	5	5	1	0	0
52.5°	6	4	5	6	2	0	0
50°	7	5	6	7	2	0	0
47.5°	8	6	6	7	3	0	0
45°	8	6	6	7	3	0	0
42.5°	9	7	6	8	4	0	0
40°	10	7	7	8	4	0	0
37.5°	11	8	7	8	5	0	0
35°	12	8	7	8	5	0	0
32.5°	13	9	7	8	5	0	0
30°	13	10	8	8	6	0	0
27.5°	14	11	8	8	6	0	0
25°	14	12	8	8	6	0	0
22.5°	15	12	8	8	7	0	0
20°	15	13	8	8	7	0	0
17.5°	16	14	8	8	7	0	0
15°	17	14	8	8	7	0	0
12.5°	18	14	8	8	7	0	0
10°	19	15	8	8	7	0	0
7.5°	20	15	8	8	8	0	0
5°	21	15	8	8	8	0	0
2.5°	22	15	8	8	8	0	0
0°	23	15	8	8	8	0	0
-2.5°	27	16	8	8	8	0	0
-5°	31	17	9	8	8	0	0
-7.5°	35	18	10	8	8	0	0
-10°	38	18	10	8	8	1	0
-12.5°	40	19	11	8	7	1	0
-15°	42	19	11	8	7	1	0
-17.5°	43	19	12	8	7	1	0
-20°	44	20	12	8	7	1	0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	44	20	12	8	7	1	0
-25°	44	21	12	8	7	1	0
-27.5°	44	23	12	8	7	2	0
-30°	43	24	11	8	7	2	0
-32.5°	42	24	12	8	7	2	0
-35°	42	25	12	8	7	2	0
-37.5°	42	25	13	8	6	2	0
-40°	42	26	13	8	6	2	0
-42.5°	42	26	13	8	6	2	0
-45°	41	25	14	8	6	2	0
-47.5°	40	25	14	9	6	2	0
-50°	39	24	14	9	6	2	0
-52.5°	37	23	14	9	6	2	0
-55°	36	23	14	9	7	2	0
-57.5°	34	22	14	9	7	2	0
-60°	32	21	13	9	7	2	0
-62.5°	30	20	13	9	6	2	0
-65°	28	18	13	9	6	1	0
-67.5°	25	17	13	9	5	1	0
-70°	22	17	12	9	5	1	0
-72.5°	21	16	12	8	4	1	0
-75°	19	15	11	7	4	1	0
-77.5°	17	14	10	6	3	1	0
-80°	15	11	8	5	3	1	0
-82.5°	12	9	6	4	2	0	0
-85°	8	6	4	3	1	0	0
-87.5°	4	3	2	1	1	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)