

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: P627826 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-740-U-MWR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627826 (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-SA6B-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: 26782 lumens  
Efficiency: N/A  
Efficacy: 140.5 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 4H x 5V  
Max Intensity: 37521.3 candela  
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V  
Beam Lumens: 17938.5 lumens  
Beam Efficiency: 67.0%

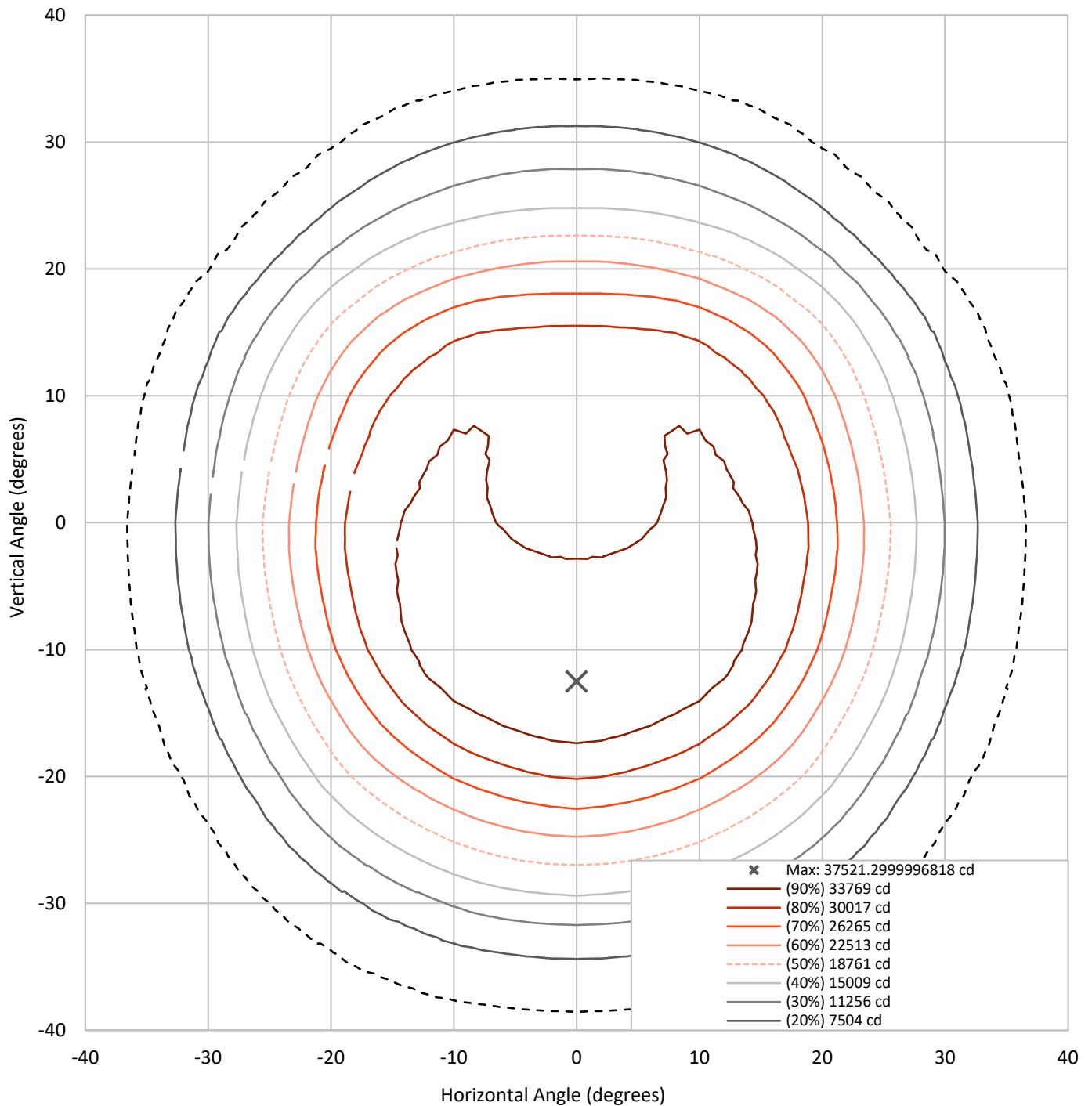
Field Angle (10%): 69.9°H x 73.3°V  
Field Lumens: 24139.9 lumens  
Field Efficiency: 90.1%

Input Watts (W): 190.6  
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: P627826 (CONVERTED FROM TYPE C PHOTOMETRY)  
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### Iso-Candela Plot





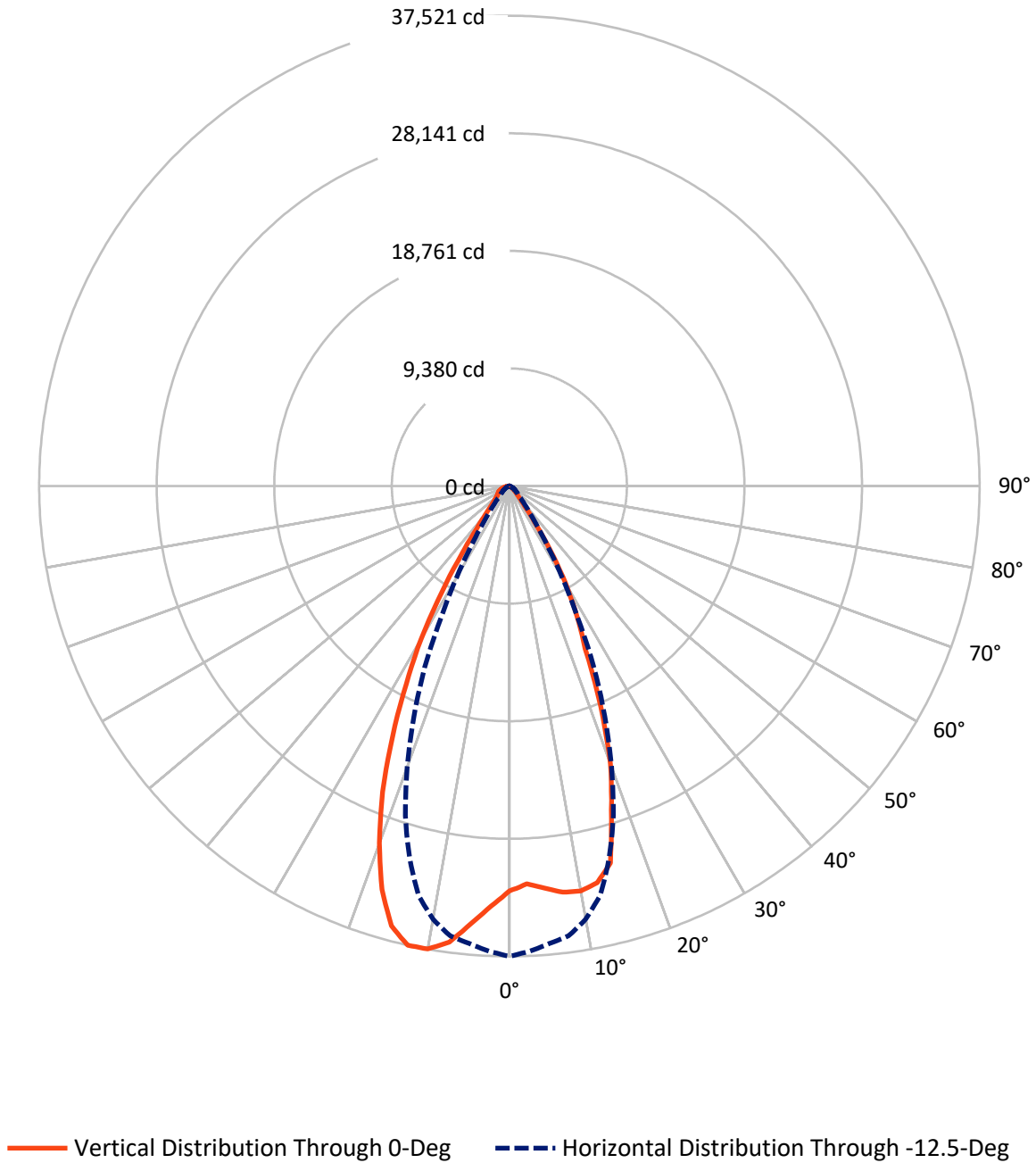
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### Lumen Table

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	0.9	2.2	3.7	5.1	5.9	5.9	5.1	3.7	2.2	0.9	0.2		0.1			
40	0.1	0.2	1.0	3.8	7.5	12.3	18.4	22.5	22.5	18.4	12.3	7.5	3.8	1.0	0.2	0.1			
30		0.5	3.0	7.8	16.1	34.8	79.1	120.7	120.7	79.1	34.8	16.1	7.8	3.0	0.5				
20	0.3	1.1	5.0	12.5	33.6	124.5	320.6	448.1	448.1	320.6	124.5	33.6	12.5	5.0	1.1	0.3			
10		1.8	7.0	19.3	80.0	345.7	721.3	893.0	893.0	721.3	345.7	80.0	19.3	7.0	1.8				
0	0.6	2.3	8.6	24.9	127.4	509.1	929.9	1008.2	1008.2	929.9	509.1	127.4	24.9	8.6	2.3	0.6			
-10		2.7	9.5	26.7	133.2	525.8	963.4	1070.0	1070.0	963.4	525.8	133.2	26.7	9.5	2.7				
-20	0.7	3.0	9.7	24.3	95.3	391.5	812.8	1037.8	1037.8	812.8	391.5	95.3	24.3	9.7	3.0	0.7			
-30		2.8	9.2	20.2	53.3	189.9	452.9	637.3	637.3	452.9	189.9	53.3	20.2	9.2	2.8				
-40	0.7	2.5	8.2	16.7	31.8	67.6	141.5	210.0	210.0	141.5	67.6	31.8	16.7	8.2	2.5	0.7			
-50		2.1	6.9	14.0	23.2	34.3	48.3	57.2	57.2	48.3	34.3	23.2	14.0	6.9	2.1				
-60	0.5	1.6	5.2	11.0	18.3	25.3	31.5	34.5	34.5	31.5	25.3	18.3	11.0	5.2	1.6	0.5			
-70		1.1	3.3	7.5	12.8	18.1	22.9	25.6	25.6	22.9	18.1	12.8	7.5	3.3	1.1				
-80	0.2	3.0	13.5	28.7	36.8	28.7	13.5	3.0	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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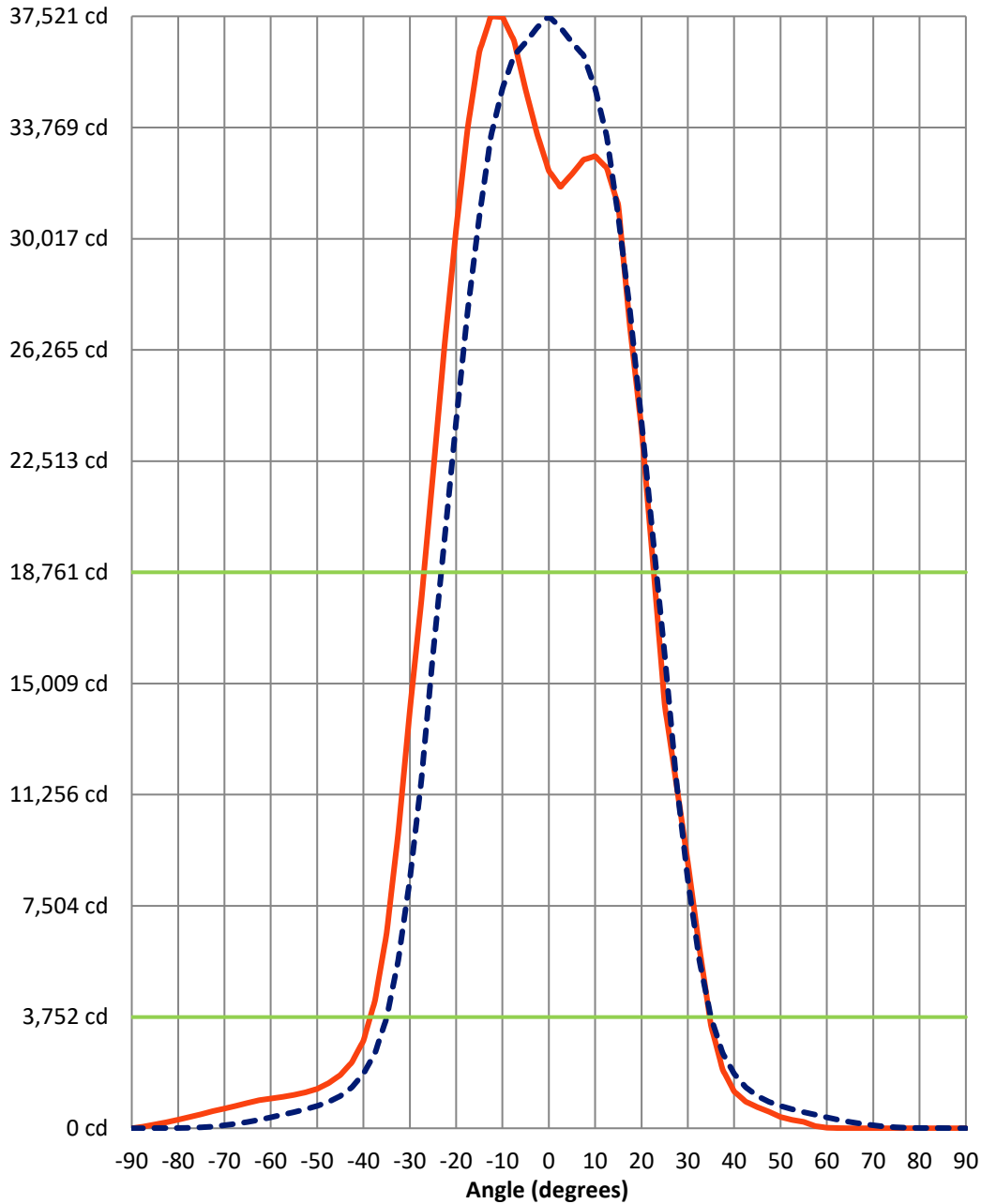
### Luminous Intensity Polar Plot





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### Luminous Intensity Plot



**Beam:**  
 H Angle: 46.4°  
 V Angle: 49.6°  
 Lumens: 17938.5  
 Efficiency: 67.0%

**Field:**  
 H Angle: 69.9°  
 V Angle: 73.3°  
 Lumens: 24139.9  
 Efficiency: 90.1%

**Spill:**  
 Lumens: 2642.2  
 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	2	1	1	3	3	4
60°	0	0	0	3	4	3	1	3	4	4	6
57.5°	0	0	0	3	4	3	2	4	5	6	6
55°	0	0	1	4	4	3	4	6	6	6	6
52.5°	0	0	1	5	4	3	5	6	6	6	6
50°	0	0	2	5	5	4	6	7	6	6	7
47.5°	0	0	2	6	5	5	6	7	6	6	9
45°	0	0	3	6	5	5	7	8	7	8	10
42.5°	0	0	3	6	5	5	7	8	7	9	12
40°	0	0	3	6	5	6	8	8	8	11	15
37.5°	0	0	4	6	6	6	9	9	10	14	17
35°	0	0	4	6	6	7	10	9	12	17	23
32.5°	0	0	4	6	6	7	10	9	15	22	37
30°	0	0	5	6	6	8	11	10	17	27	49
27.5°	0	0	5	6	6	9	11	12	20	33	61
25°	0	0	5	6	6	9	11	14	25	42	71
22.5°	0	0	5	6	6	10	12	16	30	51	84
20°	0	0	5	6	6	10	12	18	35	59	97
17.5°	0	0	6	6	6	11	13	20	40	66	111
15°	0	0	6	6	6	11	13	23	46	73	124
12.5°	0	0	6	6	6	12	14	27	51	79	137
10°	0	0	6	6	6	12	15	32	55	89	150
7.5°	0	0	6	6	6	12	16	36	59	99	160
5°	0	0	6	6	6	12	17	41	63	110	167
2.5°	0	0	6	6	6	12	18	45	65	120	174
0°	0	0	6	6	6	12	18	49	68	129	178
-2.5°	0	0	6	6	7	13	22	51	76	135	188
-5°	0	0	6	6	7	14	25	52	85	140	196
-7.5°	0	0	6	6	8	14	28	53	92	144	203
-10°	0	1	6	6	8	15	30	54	98	148	208
-12.5°	0	1	6	6	9	15	32	55	102	151	212
-15°	0	1	6	6	9	15	34	56	103	153	214
-17.5°	0	1	6	6	9	16	35	58	103	153	214
-20°	0	1	6	6	9	16	35	60	101	152	212

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CATALOG NUMBER: GFLD-SA6B-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	6	6	9	16	35	62	100	150	206
-25°	0	1	6	6	9	17	35	62	98	147	198
-27.5°	0	1	5	6	9	18	35	62	95	143	194
-30°	0	1	5	6	9	19	34	61	94	139	188
-32.5°	0	1	5	6	10	20	33	60	93	135	181
-35°	0	1	5	6	10	20	33	58	90	130	172
-37.5°	0	1	5	6	10	20	34	57	86	126	169
-40°	0	2	5	6	10	20	34	54	81	121	166
-42.5°	0	2	5	6	10	20	34	52	77	115	161
-45°	0	2	5	7	11	20	33	50	74	108	153
-47.5°	0	2	5	7	11	20	32	48	70	99	144
-50°	0	2	5	7	11	19	31	46	67	95	133
-52.5°	0	1	5	7	11	19	30	44	64	90	121
-55°	0	1	5	7	11	18	29	41	61	84	114
-57.5°	0	1	5	8	11	18	27	39	57	79	105
-60°	0	1	5	8	11	17	26	37	53	73	97
-62.5°	0	1	5	8	11	16	24	35	49	67	89
-65°	0	1	5	8	10	15	22	32	45	61	80
-67.5°	0	1	4	8	10	14	20	29	40	54	71
-70°	0	1	4	7	10	13	18	25	35	46	61
-72.5°	0	1	4	7	10	13	16	22	30	40	51
-75°	0	1	3	6	9	12	15	19	24	33	42
-77.5°	0	1	3	5	8	11	14	17	21	26	33
-80°	0	1	2	4	6	9	12	15	19	22	27
-82.5°	0	0	2	3	5	7	9	12	16	18	22
-85°	0	0	1	2	3	5	6	8	10	13	16
-87.5°	0	0	1	1	2	2	3	4	5	6	8
-90°	0	0	0	0	0	0	0	0	0	0	0





REPORT NUMBER: P627826 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-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°	0	2	2	1	0	0	0	0	0	0	0
65°	3	4	3	2	0	1	2	2	0	0	0
62.5°	6	5	3	3	4	5	4	2	1	1	2
60°	6	5	4	5	6	6	4	4	5	6	15
57.5°	6	6	6	7	7	7	8	9	22	37	41
55°	6	6	7	8	9	11	16	34	51	63	69
52.5°	7	7	9	12	14	23	42	63	79	92	108
50°	8	10	13	17	27	48	72	94	115	135	158
47.5°	10	13	18	27	50	77	105	134	159	186	220
45°	13	20	26	48	76	110	145	177	203	235	265
42.5°	16	30	45	68	108	149	189	215	243	278	318
40°	26	42	65	99	142	191	226	254	285	334	382
37.5°	38	59	86	130	183	230	264	298	343	399	457
35°	51	75	114	165	222	266	304	347	408	472	541
32.5°	65	91	142	199	254	300	343	406	471	542	636
30°	79	114	170	232	283	332	392	462	526	614	724
27.5°	94	138	198	259	311	362	441	509	582	682	814
25°	110	163	225	283	337	402	489	561	636	763	941
22.5°	129	187	250	306	362	444	537	627	725	852	1071
20°	149	209	274	334	387	484	588	699	832	1008	1296
17.5°	168	230	296	361	428	527	644	774	940	1159	1582
15°	185	248	318	388	467	572	700	860	1061	1333	1859
12.5°	200	264	339	415	501	612	748	923	1160	1552	2214
10°	214	278	359	441	532	647	791	976	1241	1709	2478
7.5°	226	294	378	465	558	678	827	1019	1313	1832	2684
5°	236	312	394	484	578	703	857	1053	1373	1923	2843
2.5°	245	329	407	498	592	723	881	1084	1431	1997	2978
0°	252	344	418	511	603	738	898	1107	1476	2049	3082
-2.5°	261	352	433	520	620	749	906	1124	1491	2056	3061
-5°	268	358	445	527	633	755	908	1130	1489	2040	2998
-7.5°	274	361	454	533	641	758	909	1127	1474	2006	2896
-10°	279	365	457	540	643	758	905	1113	1439	1939	2742
-12.5°	284	369	458	543	642	753	893	1088	1384	1840	2543
-15°	288	371	457	543	639	745	874	1053	1310	1708	2298
-17.5°	290	371	455	538	634	733	848	1012	1242	1592	2122
-20°	290	370	452	529	627	721	830	979	1186	1481	1908

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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°	287	368	448	522	615	708	810	940	1113	1356	1701
-25°	281	363	443	517	601	692	784	898	1049	1263	1550
-27.5°	271	356	434	509	586	675	761	864	996	1161	1391
-30°	258	345	422	498	574	656	738	826	942	1086	1270
-32.5°	244	334	409	483	559	637	715	796	895	1015	1159
-35°	235	319	395	465	540	616	691	766	848	954	1078
-37.5°	230	304	381	447	518	592	664	736	812	895	1007
-40°	222	288	365	431	495	567	637	705	775	858	944
-42.5°	213	277	348	415	476	542	608	674	744	821	901
-45°	204	264	331	394	455	517	581	642	711	783	858
-47.5°	192	249	313	369	429	491	553	614	674	742	814
-50°	178	232	290	344	398	459	521	583	642	699	762
-52.5°	164	212	267	320	369	421	484	547	606	663	718
-55°	148	193	243	295	344	389	444	507	566	621	679
-57.5°	136	174	219	269	317	364	414	468	525	580	635
-60°	125	156	195	241	289	335	384	434	486	538	588
-62.5°	113	140	172	210	255	301	347	394	443	488	532
-65°	102	124	151	182	218	260	304	349	394	433	471
-67.5°	90	110	131	155	186	221	257	297	338	377	413
-70°	78	95	113	133	156	185	218	250	283	317	353
-72.5°	65	80	96	112	133	157	182	208	237	267	297
-75°	53	65	79	93	110	129	150	173	196	219	244
-77.5°	42	52	63	74	87	102	119	137	155	174	193
-80°	32	39	48	57	67	78	90	102	116	131	147
-82.5°	26	30	36	42	49	56	64	72	83	94	105
-85°	18	21	25	28	32	36	41	46	53	60	67
-87.5°	9	11	12	14	16	18	20	22	25	28	32
-90°	0	0	0	0	0	0	0	0	0	0	0



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	2	2	2	2	2	1	3	4	4	4	5
60°	16	12	16	20	20	15	22	25	23	19	19
57.5°	43	47	53	62	69	73	79	85	90	92	95
55°	79	95	111	119	132	152	170	172	175	179	189
52.5°	127	145	153	168	194	211	219	233	248	263	277
50°	184	199	218	241	266	283	288	313	344	369	384
47.5°	242	262	296	337	359	377	403	435	469	505	534
45°	295	332	375	412	441	472	507	547	601	651	689
42.5°	356	398	441	485	516	569	629	676	753	820	862
40°	427	469	531	584	648	715	819	915	1012	1124	1206
37.5°	512	577	665	749	845	944	1130	1320	1475	1693	1814
35°	615	715	839	966	1119	1357	1628	1995	2377	2694	3001
32.5°	734	862	1032	1259	1517	1899	2306	2982	3641	4298	4944
30°	850	1036	1298	1608	2033	2637	3405	4449	5581	6571	7468
27.5°	1006	1269	1609	2073	2796	3682	5099	6549	7990	9276	10200
25°	1193	1547	2027	2796	3839	5309	7208	8986	10677	11937	12999
22.5°	1465	1995	2677	3656	5549	7592	9866	12102	14001	15590	16637
20°	1801	2517	3658	5433	7659	10215	13141	15493	17832	19620	21217
17.5°	2276	3417	5028	7282	9942	13351	16363	18987	21957	23784	25413
15°	2704	4170	6466	9342	12459	16072	19625	22838	25704	27712	29533
12.5°	3245	4971	7610	10993	14402	18424	22118	25558	28366	30432	31706
10°	3729	5792	8753	12291	16107	20309	24137	27718	30437	32035	32972
7.5°	4120	6474	9679	13401	17431	21660	25703	29258	31860	33196	33836
5°	4423	6980	10404	14312	18497	22825	26951	30430	32622	33727	34084
2.5°	4651	7332	10892	14911	19217	23685	27898	31327	33196	33993	34112
0°	4805	7579	11209	15288	19834	23993	28410	31892	33670	34310	34371
-2.5°	4768	7490	11195	15151	19763	24132	28492	31928	33831	34690	34830
-5°	4671	7279	10824	14764	19201	23576	27735	31363	33698	34996	35571
-7.5°	4484	6915	10189	14023	18291	22670	26910	30675	33362	35189	36314
-10°	4165	6383	9377	13085	17291	21464	25657	29564	32457	34656	36223
-12.5°	3730	5661	8386	11758	15986	19882	23851	27595	30753	33464	35084
-15°	3281	4909	7358	10442	14123	17960	21627	25300	28418	30954	32974
-17.5°	2961	4251	6166	8865	12097	15737	19315	22689	25503	27887	30005
-20°	2556	3514	5030	7300	10146	13327	16755	19758	22270	24505	26529

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REPORT NUMBER: P627826 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-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°	2233	3009	4105	5653	8209	11015	13819	16584	18946	20936	22664
-25°	1941	2485	3341	4601	6263	8686	11049	13383	15564	17414	18970
-27.5°	1711	2144	2714	3611	4873	6287	8357	10308	12183	13875	15342
-30°	1502	1826	2273	2834	3691	4742	5987	7446	8941	10277	11610
-32.5°	1352	1583	1890	2306	2786	3538	4291	5273	6219	7193	8149
-35°	1217	1403	1611	1890	2219	2658	3154	3754	4260	4898	5485
-37.5°	1124	1255	1415	1590	1826	2071	2407	2771	3085	3440	3739
-40°	1048	1151	1258	1377	1539	1704	1921	2126	2325	2541	2703
-42.5°	983	1066	1144	1235	1331	1464	1609	1737	1858	1985	2091
-45°	933	994	1057	1128	1201	1297	1400	1495	1574	1645	1703
-47.5°	879	934	989	1044	1106	1176	1244	1305	1370	1425	1465
-50°	825	880	930	978	1031	1086	1140	1188	1235	1276	1301
-52.5°	773	830	879	923	968	1013	1057	1101	1142	1178	1195
-55°	734	786	836	875	913	951	991	1032	1070	1105	1116
-57.5°	690	743	791	827	863	897	934	972	1008	1041	1052
-60°	640	696	738	772	808	846	880	914	948	977	988
-62.5°	581	630	669	703	735	766	803	840	875	904	921
-65°	510	553	590	624	656	685	721	754	786	811	829
-67.5°	448	482	513	543	573	604	636	668	698	720	735
-70°	387	418	447	475	502	529	556	582	608	627	642
-72.5°	326	354	379	404	429	452	475	498	520	537	551
-75°	270	293	315	336	357	375	393	411	428	442	455
-77.5°	213	232	250	268	286	301	315	328	341	353	365
-80°	163	176	190	203	217	228	239	249	259	269	278
-82.5°	117	126	135	144	153	161	168	176	183	190	196
-85°	74	79	84	89	94	99	104	108	113	117	121
-87.5°	35	38	40	42	45	47	49	51	54	56	58
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627826 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-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°	6	6	6	6	6	6	6	5	4	4	4
60°	19	18	18	19	18	18	19	19	19	23	25
57.5°	93	86	80	74	80	86	93	95	92	90	85
55°	201	212	217	215	217	212	201	189	179	175	172
52.5°	286	291	290	283	290	291	286	277	263	248	233
50°	390	391	388	381	388	391	390	384	369	344	313
47.5°	548	557	561	560	561	557	548	534	505	469	435
45°	703	711	715	714	715	711	703	689	651	601	547
42.5°	885	898	903	898	903	898	885	862	820	753	676
40°	1254	1269	1262	1243	1262	1269	1254	1206	1124	1012	915
37.5°	1899	1960	1986	1987	1986	1960	1899	1814	1693	1475	1320
35°	3276	3495	3596	3470	3596	3495	3276	3001	2694	2377	1995
32.5°	5471	5859	6078	6078	6078	5859	5471	4944	4298	3641	2982
30°	8146	8632	8905	8963	8905	8632	8146	7468	6571	5581	4449
27.5°	10920	11422	11684	11646	11684	11422	10920	10200	9276	7990	6549
25°	13703	14084	14304	14310	14304	14084	13703	12999	11937	10677	8986
22.5°	17815	18616	18946	19034	18946	18616	17815	16637	15590	14001	12102
20°	22297	23074	23575	23605	23575	23074	22297	21217	19620	17832	15493
17.5°	26568	26953	27024	27057	27024	26953	26568	25413	23784	21957	18987
15°	30594	30729	31085	31129	31085	30729	30594	29533	27712	25704	22838
12.5°	32506	32629	32568	32403	32568	32629	32506	31706	30432	28366	25558
10°	33548	33373	33114	32803	33114	33373	33548	32972	32035	30437	27718
7.5°	33784	33590	33133	32680	33133	33590	33784	33836	33196	31860	29258
5°	33896	33328	32750	32200	32750	33328	33896	34084	33727	32622	30430
2.5°	33830	33154	32361	31769	32361	33154	33830	34112	33993	33196	31327
0°	34045	33362	32532	32311	32532	33362	34045	34371	34310	33670	31892
-2.5°	34646	34093	33659	33541	33659	34093	34646	34830	34690	33831	31928
-5°	35728	35605	34869	35042	34869	35605	35728	35571	34996	33698	31363
-7.5°	36772	36599	36287	36691	36287	36599	36772	36314	35189	33362	30675
-10°	37050	36993	37139	37497	37139	36993	37050	36223	34656	32457	29564
-12.5°	36198	36645	37145	37521	37145	36645	36198	35084	33464	30753	27595
-15°	34301	35213	35960	36315	35960	35213	34301	32974	30954	28418	25300
-17.5°	31505	32624	33510	33762	33510	32624	31505	30005	27887	25503	22689
-20°	28063	29201	30008	30330	30008	29201	28063	26529	24505	22270	19758

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REPORT NUMBER: P627826 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-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°
-22.5°	24190	25301	26032	26417	26032	25301	24190	22664	20936	18946	16584
-25°	20259	21236	21884	22055	21884	21236	20259	18970	17414	15564	13383
-27.5°	16500	17285	17763	17816	17763	17285	16500	15342	13875	12183	10308
-30°	12719	13448	13862	14082	13862	13448	12719	11610	10277	8941	7446
-32.5°	8932	9511	9862	9954	9862	9511	8932	8149	7193	6219	5273
-35°	5956	6316	6538	6583	6538	6316	5956	5485	4898	4260	3754
-37.5°	3982	4158	4266	4319	4266	4158	3982	3739	3440	3085	2771
-40°	2821	2904	2950	2959	2950	2904	2821	2703	2541	2325	2126
-42.5°	2158	2200	2221	2227	2221	2200	2158	2091	1985	1858	1737
-45°	1744	1773	1790	1796	1790	1773	1744	1703	1645	1574	1495
-47.5°	1492	1510	1522	1526	1522	1510	1492	1465	1425	1370	1305
-50°	1316	1326	1331	1329	1331	1326	1316	1301	1276	1235	1188
-52.5°	1205	1212	1214	1212	1214	1212	1205	1195	1178	1142	1101
-55°	1123	1128	1129	1126	1129	1128	1123	1116	1105	1070	1032
-57.5°	1060	1066	1065	1058	1065	1066	1060	1052	1041	1008	972
-60°	998	1005	1006	1003	1006	1005	998	988	977	948	914
-62.5°	936	948	950	947	950	948	936	921	904	875	840
-65°	846	861	861	855	861	861	846	829	811	786	754
-67.5°	748	759	759	757	759	759	748	735	720	698	668
-70°	655	667	667	664	667	667	655	642	627	608	582
-72.5°	563	575	578	578	578	575	563	551	537	520	498
-75°	467	477	476	474	476	477	467	455	442	428	411
-77.5°	375	385	384	381	384	385	375	365	353	341	328
-80°	286	294	292	289	292	294	286	278	269	259	249
-82.5°	202	208	206	203	206	208	202	196	190	183	176
-85°	125	129	129	129	129	129	125	121	117	113	108
-87.5°	59	61	58	55	58	61	59	58	56	54	51
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627826 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-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°	3	1	2	2	2	2	2	2	1	1	2
60°	22	15	20	20	16	12	16	15	6	5	4
57.5°	79	73	69	62	53	47	43	41	37	22	9
55°	170	152	132	119	111	95	79	69	63	51	34
52.5°	219	211	194	168	153	145	127	108	92	79	63
50°	288	283	266	241	218	199	184	158	135	115	94
47.5°	403	377	359	337	296	262	242	220	186	159	134
45°	507	472	441	412	375	332	295	265	235	203	177
42.5°	629	569	516	485	441	398	356	318	278	243	215
40°	819	715	648	584	531	469	427	382	334	285	254
37.5°	1130	944	845	749	665	577	512	457	399	343	298
35°	1628	1357	1119	966	839	715	615	541	472	408	347
32.5°	2306	1899	1517	1259	1032	862	734	636	542	471	406
30°	3405	2637	2033	1608	1298	1036	850	724	614	526	462
27.5°	5099	3682	2796	2073	1609	1269	1006	814	682	582	509
25°	7208	5309	3839	2796	2027	1547	1193	941	763	636	561
22.5°	9866	7592	5549	3656	2677	1995	1465	1071	852	725	627
20°	13141	10215	7659	5433	3658	2517	1801	1296	1008	832	699
17.5°	16363	13351	9942	7282	5028	3417	2276	1582	1159	940	774
15°	19625	16072	12459	9342	6466	4170	2704	1859	1333	1061	860
12.5°	22118	18424	14402	10993	7610	4971	3245	2214	1552	1160	923
10°	24137	20309	16107	12291	8753	5792	3729	2478	1709	1241	976
7.5°	25703	21660	17431	13401	9679	6474	4120	2684	1832	1313	1019
5°	26951	22825	18497	14312	10404	6980	4423	2843	1923	1373	1053
2.5°	27898	23685	19217	14911	10892	7332	4651	2978	1997	1431	1084
0°	28410	23993	19834	15288	11209	7579	4805	3082	2049	1476	1107
-2.5°	28492	24132	19763	15151	11195	7490	4768	3061	2056	1491	1124
-5°	27735	23576	19201	14764	10824	7279	4671	2998	2040	1489	1130
-7.5°	26910	22670	18291	14023	10189	6915	4484	2896	2006	1474	1127
-10°	25657	21464	17291	13085	9377	6383	4165	2742	1939	1439	1113
-12.5°	23851	19882	15986	11758	8386	5661	3730	2543	1840	1384	1088
-15°	21627	17960	14123	10442	7358	4909	3281	2298	1708	1310	1053
-17.5°	19315	15737	12097	8865	6166	4251	2961	2122	1592	1242	1012
-20°	16755	13327	10146	7300	5030	3514	2556	1908	1481	1186	979

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REPORT NUMBER: P627826 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-740-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	13819	11015	8209	5653	4105	3009	2233	1701	1356	1113	940
-25°	11049	8686	6263	4601	3341	2485	1941	1550	1263	1049	898
-27.5°	8357	6287	4873	3611	2714	2144	1711	1391	1161	996	864
-30°	5987	4742	3691	2834	2273	1826	1502	1270	1086	942	826
-32.5°	4291	3538	2786	2306	1890	1583	1352	1159	1015	895	796
-35°	3154	2658	2219	1890	1611	1403	1217	1078	954	848	766
-37.5°	2407	2071	1826	1590	1415	1255	1124	1007	895	812	736
-40°	1921	1704	1539	1377	1258	1151	1048	944	858	775	705
-42.5°	1609	1464	1331	1235	1144	1066	983	901	821	744	674
-45°	1400	1297	1201	1128	1057	994	933	858	783	711	642
-47.5°	1244	1176	1106	1044	989	934	879	814	742	674	614
-50°	1140	1086	1031	978	930	880	825	762	699	642	583
-52.5°	1057	1013	968	923	879	830	773	718	663	606	547
-55°	991	951	913	875	836	786	734	679	621	566	507
-57.5°	934	897	863	827	791	743	690	635	580	525	468
-60°	880	846	808	772	738	696	640	588	538	486	434
-62.5°	803	766	735	703	669	630	581	532	488	443	394
-65°	721	685	656	624	590	553	510	471	433	394	349
-67.5°	636	604	573	543	513	482	448	413	377	338	297
-70°	556	529	502	475	447	418	387	353	317	283	250
-72.5°	475	452	429	404	379	354	326	297	267	237	208
-75°	393	375	357	336	315	293	270	244	219	196	173
-77.5°	315	301	286	268	250	232	213	193	174	155	137
-80°	239	228	217	203	190	176	163	147	131	116	102
-82.5°	168	161	153	144	135	126	117	105	94	83	72
-85°	104	99	94	89	84	79	74	67	60	53	46
-87.5°	49	47	45	42	40	38	35	32	28	25	22
-90°	0	0	0	0	0	0	0	0	0	0	0





REPORT NUMBER: P627826 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-740-U-MWR-VSR-XX

**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	1	0	2	3	4	3	2	2	1	0
62.5°	4	5	4	3	3	5	6	4	3	3	1
60°	4	6	6	5	4	5	6	6	4	4	3
57.5°	8	7	7	7	6	6	6	6	6	5	4
55°	16	11	9	8	7	6	6	6	6	6	6
52.5°	42	23	14	12	9	7	7	6	6	6	6
50°	72	48	27	17	13	10	8	7	6	6	7
47.5°	105	77	50	27	18	13	10	9	6	6	7
45°	145	110	76	48	26	20	13	10	8	7	8
42.5°	189	149	108	68	45	30	16	12	9	7	8
40°	226	191	142	99	65	42	26	15	11	8	8
37.5°	264	230	183	130	86	59	38	17	14	10	9
35°	304	266	222	165	114	75	51	23	17	12	9
32.5°	343	300	254	199	142	91	65	37	22	15	9
30°	392	332	283	232	170	114	79	49	27	17	10
27.5°	441	362	311	259	198	138	94	61	33	20	12
25°	489	402	337	283	225	163	110	71	42	25	14
22.5°	537	444	362	306	250	187	129	84	51	30	16
20°	588	484	387	334	274	209	149	97	59	35	18
17.5°	644	527	428	361	296	230	168	111	66	40	20
15°	700	572	467	388	318	248	185	124	73	46	23
12.5°	748	612	501	415	339	264	200	137	79	51	27
10°	791	647	532	441	359	278	214	150	89	55	32
7.5°	827	678	558	465	378	294	226	160	99	59	36
5°	857	703	578	484	394	312	236	167	110	63	41
2.5°	881	723	592	498	407	329	245	174	120	65	45
0°	898	738	603	511	418	344	252	178	129	68	49
-2.5°	906	749	620	520	433	352	261	188	135	76	51
-5°	908	755	633	527	445	358	268	196	140	85	52
-7.5°	909	758	641	533	454	361	274	203	144	92	53
-10°	905	758	643	540	457	365	279	208	148	98	54
-12.5°	893	753	642	543	458	369	284	212	151	102	55
-15°	874	745	639	543	457	371	288	214	153	103	56
-17.5°	848	733	634	538	455	371	290	214	153	103	58
-20°	830	721	627	529	452	370	290	212	152	101	60

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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°	810	708	615	522	448	368	287	206	150	100	62
-25°	784	692	601	517	443	363	281	198	147	98	62
-27.5°	761	675	586	509	434	356	271	194	143	95	62
-30°	738	656	574	498	422	345	258	188	139	94	61
-32.5°	715	637	559	483	409	334	244	181	135	93	60
-35°	691	616	540	465	395	319	235	172	130	90	58
-37.5°	664	592	518	447	381	304	230	169	126	86	57
-40°	637	567	495	431	365	288	222	166	121	81	54
-42.5°	608	542	476	415	348	277	213	161	115	77	52
-45°	581	517	455	394	331	264	204	153	108	74	50
-47.5°	553	491	429	369	313	249	192	144	99	70	48
-50°	521	459	398	344	290	232	178	133	95	67	46
-52.5°	484	421	369	320	267	212	164	121	90	64	44
-55°	444	389	344	295	243	193	148	114	84	61	41
-57.5°	414	364	317	269	219	174	136	105	79	57	39
-60°	384	335	289	241	195	156	125	97	73	53	37
-62.5°	347	301	255	210	172	140	113	89	67	49	35
-65°	304	260	218	182	151	124	102	80	61	45	32
-67.5°	257	221	186	155	131	110	90	71	54	40	29
-70°	218	185	156	133	113	95	78	61	46	35	25
-72.5°	182	157	133	112	96	80	65	51	40	30	22
-75°	150	129	110	93	79	65	53	42	33	24	19
-77.5°	119	102	87	74	63	52	42	33	26	21	17
-80°	90	78	67	57	48	39	32	27	22	19	15
-82.5°	64	56	49	42	36	30	26	22	18	16	12
-85°	41	36	32	28	25	21	18	16	13	10	8
-87.5°	20	18	16	14	12	11	9	8	6	5	4
-90°	0	0	0	0	0	0	0	0	0	0	0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0
75°	0	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	2	3	2	0	0	0
60°	1	3	4	3	0	0	0
57.5°	2	3	4	3	0	0	0
55°	4	3	4	4	1	0	0
52.5°	5	3	4	5	1	0	0
50°	6	4	5	5	2	0	0
47.5°	6	5	5	6	2	0	0
45°	7	5	5	6	3	0	0
42.5°	7	5	5	6	3	0	0
40°	8	6	5	6	3	0	0
37.5°	9	6	6	6	4	0	0
35°	10	7	6	6	4	0	0
32.5°	10	7	6	6	4	0	0
30°	11	8	6	6	5	0	0
27.5°	11	9	6	6	5	0	0
25°	11	9	6	6	5	0	0
22.5°	12	10	6	6	5	0	0
20°	12	10	6	6	5	0	0
17.5°	13	11	6	6	6	0	0
15°	13	11	6	6	6	0	0
12.5°	14	12	6	6	6	0	0
10°	15	12	6	6	6	0	0
7.5°	16	12	6	6	6	0	0
5°	17	12	6	6	6	0	0
2.5°	18	12	6	6	6	0	0
0°	18	12	6	6	6	0	0
-2.5°	22	13	7	6	6	0	0
-5°	25	14	7	6	6	0	0
-7.5°	28	14	8	6	6	0	0
-10°	30	15	8	6	6	1	0
-12.5°	32	15	9	6	6	1	0
-15°	34	15	9	6	6	1	0
-17.5°	35	16	9	6	6	1	0
-20°	35	16	9	6	6	1	0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	35	16	9	6	6	1	0
-25°	35	17	9	6	6	1	0
-27.5°	35	18	9	6	5	1	0
-30°	34	19	9	6	5	1	0
-32.5°	33	20	10	6	5	1	0
-35°	33	20	10	6	5	1	0
-37.5°	34	20	10	6	5	1	0
-40°	34	20	10	6	5	2	0
-42.5°	34	20	10	6	5	2	0
-45°	33	20	11	7	5	2	0
-47.5°	32	20	11	7	5	2	0
-50°	31	19	11	7	5	2	0
-52.5°	30	19	11	7	5	1	0
-55°	29	18	11	7	5	1	0
-57.5°	27	18	11	8	5	1	0
-60°	26	17	11	8	5	1	0
-62.5°	24	16	11	8	5	1	0
-65°	22	15	10	8	5	1	0
-67.5°	20	14	10	8	4	1	0
-70°	18	13	10	7	4	1	0
-72.5°	16	13	10	7	4	1	0
-75°	15	12	9	6	3	1	0
-77.5°	14	11	8	5	3	1	0
-80°	12	9	6	4	2	1	0
-82.5°	9	7	5	3	2	0	0
-85°	6	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)