

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: P627836 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-750-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627836 (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-750-U-MWR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (96) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

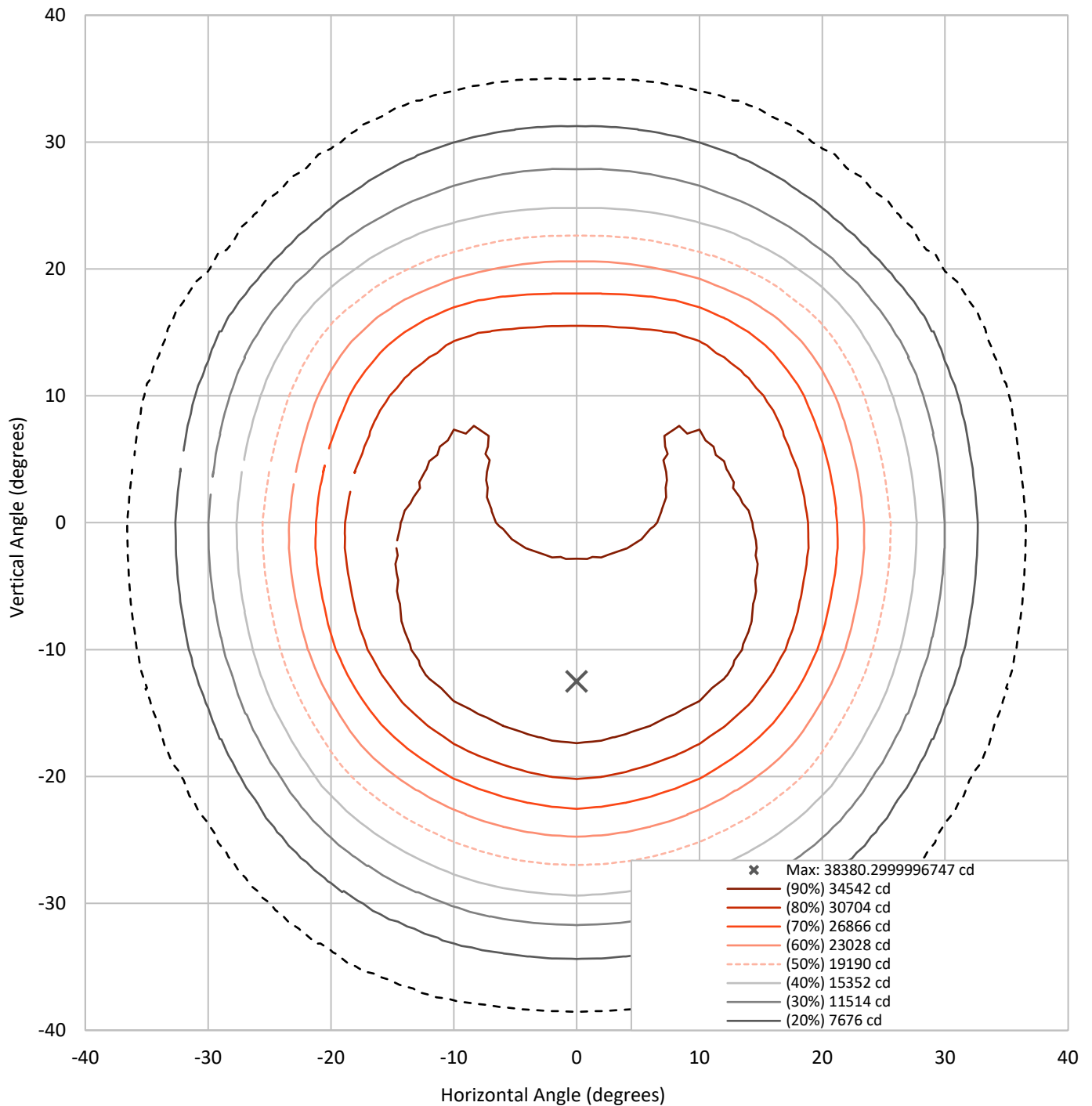
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 5V
Luminaire Lumens:	27395.2 lumens	Max Intensity:	38380.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -12.5°V
Efficacy:	143.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	46.4°H x 49.6°V	Field Angle (10%):	69.9°H x 73.3°V
Beam Lumens:	18349.2 lumens	Field Lumens:	24692.5 lumens
Beam Efficiency:	67.0%	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		



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CATALOG NUMBER: GFLD-SA6B-750-U-MWR-VSR-XX

Iso-Candela Plot





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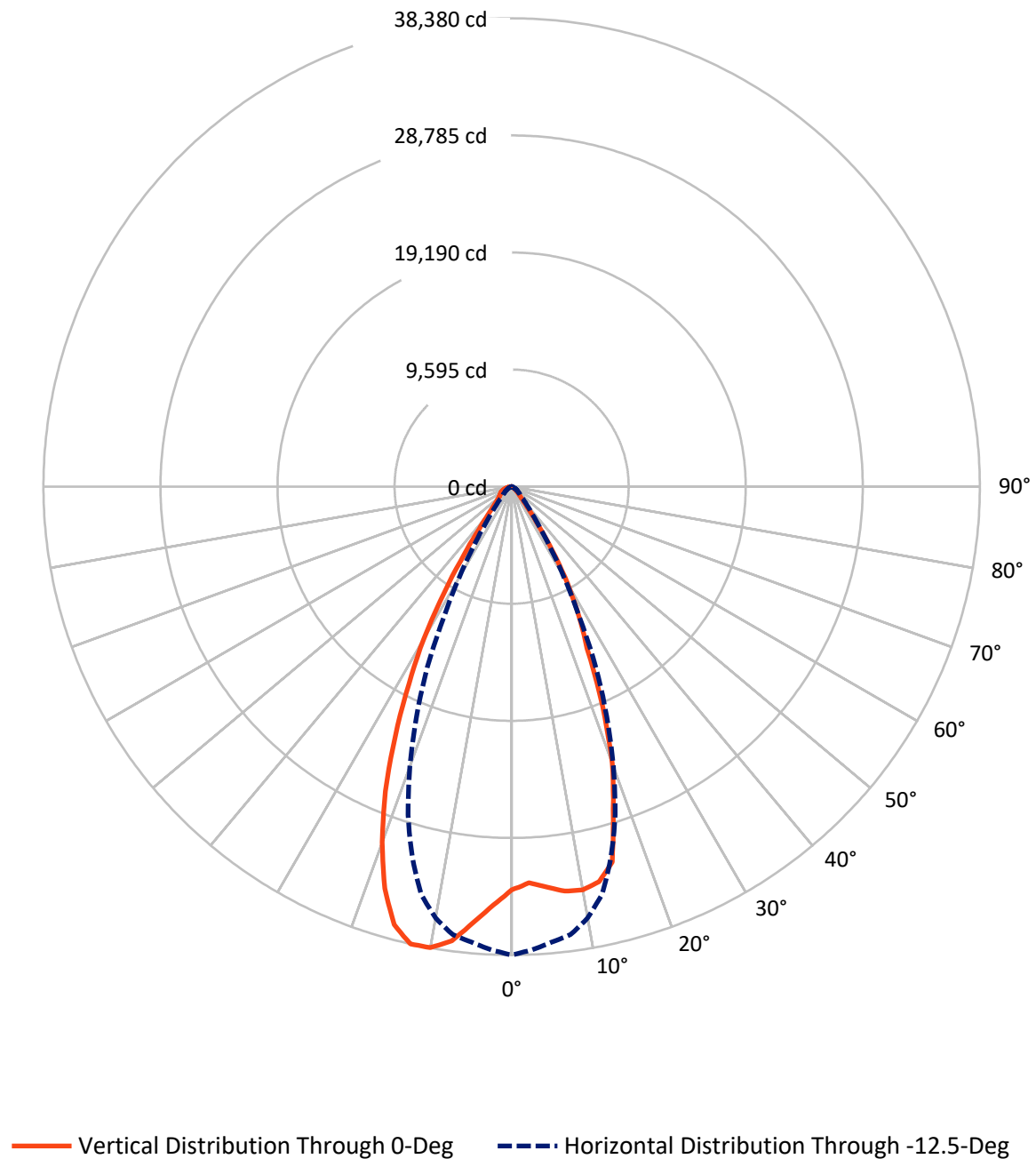
CATALOG NUMBER: GFLD-SA6B-750-U-MWR-VSR-XX

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	0.9	2.2	3.8	5.2	6.1	6.1	5.2	3.8	2.2	0.9	0.2		0.1			
40	0.1	0.2	1.1	3.9	7.7	12.6	18.8	23.0	23.0	18.8	12.6	7.7	3.9	1.1	0.2	0.1			
30		0.5	3.0	7.9	16.4	35.6	80.9	123.5	123.5	80.9	35.6	16.4	7.9	3.0	0.5				
20	0.3	1.1	5.1	12.8	34.4	127.4	327.9	458.4	458.4	327.9	127.4	34.4	12.8	5.1	1.1	0.3			
10		1.8	7.1	19.8	81.8	353.7	737.8	913.4	913.4	737.8	353.7	81.8	19.8	7.1	1.8				
0	0.6	2.4	8.8	25.5	130.3	520.8	951.2	1031.2	1031.2	951.2	520.8	130.3	25.5	8.8	2.4	0.6			
-10		2.8	9.7	27.3	136.3	537.9	985.5	1094.5	1094.5	985.5	537.9	136.3	27.3	9.7	2.8				
-20	0.8	3.0	9.9	24.8	97.5	400.5	831.4	1061.5	1061.5	831.4	400.5	97.5	24.8	9.9	3.0	0.8			
-30		2.9	9.4	20.6	54.5	194.3	463.2	651.9	651.9	463.2	194.3	54.5	20.6	9.4	2.9				
-40	0.7	2.5	8.4	17.1	32.5	69.2	144.7	214.8	214.8	144.7	69.2	32.5	17.1	8.4	2.5	0.7			
-50		2.1	7.1	14.3	23.8	35.1	49.4	58.5	58.5	49.4	35.1	23.8	14.3	7.1	2.1				
-60	0.5	1.6	5.3	11.2	18.7	25.9	32.3	35.3	35.3	32.3	25.9	18.7	11.2	5.3	1.6	0.5			
-70		1.1	3.4	7.7	13.1	18.5	23.4	26.2	26.2	23.4	18.5	13.1	7.7	3.4	1.1				
-80	0.2	3.0		13.8		29.4		37.7		29.4		13.8		3.0		0.2			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

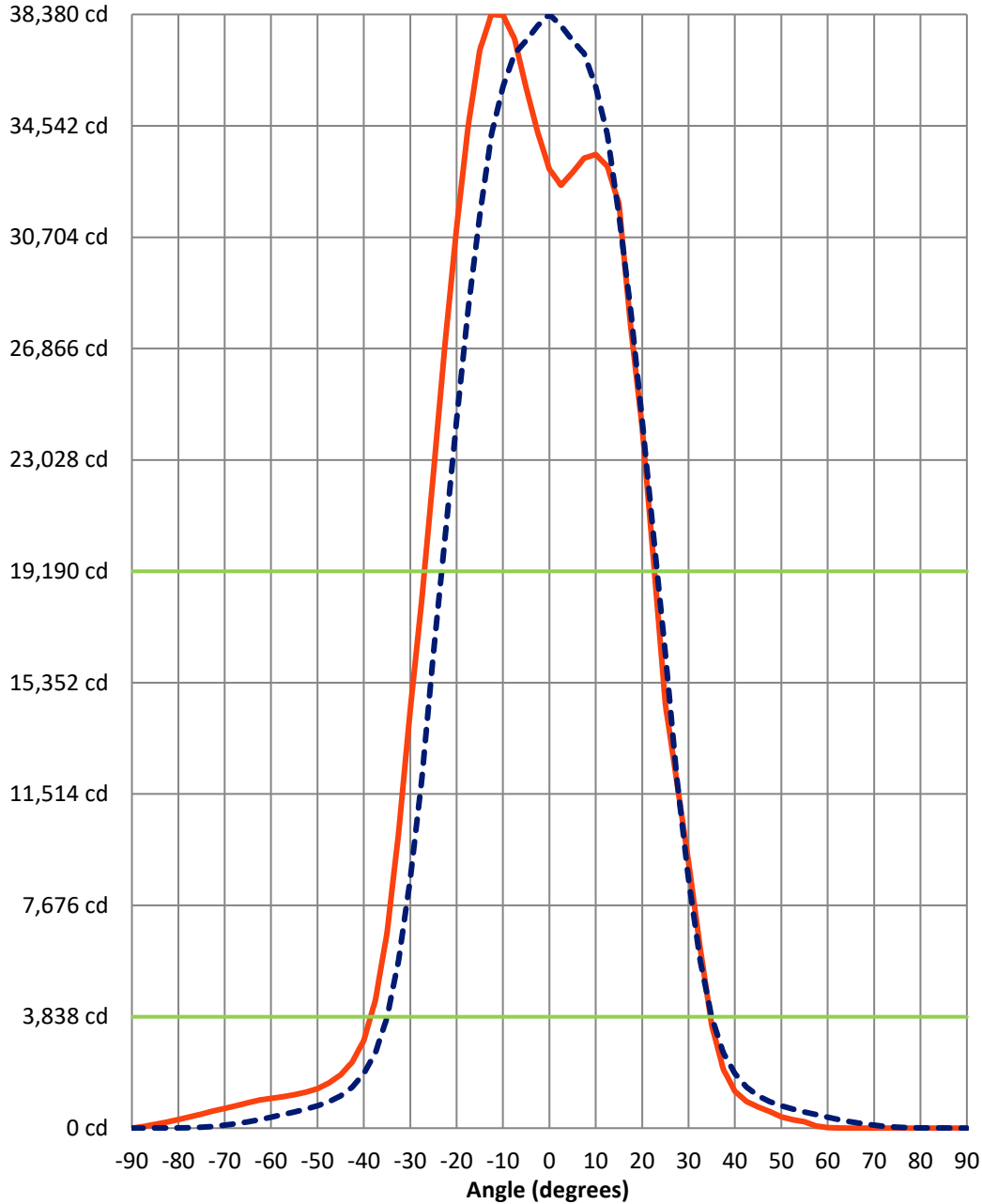
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 18349.2
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 24692.5
 Efficiency: 90.1%

Spill:
 Lumens: 2702.6
 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	5	6
57.5°	0	0	0	3	4	3	2	5	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	6	7	8	7	10	13
40°	0	0	3	6	5	6	8	9	8	12	15
37.5°	0	0	4	6	6	6	9	9	10	14	17
35°	0	0	4	6	6	7	10	9	13	18	23
32.5°	0	0	4	6	6	7	11	10	15	22	38
30°	0	0	5	6	6	8	11	10	18	28	50
27.5°	0	0	5	6	6	9	11	13	21	34	62
25°	0	0	5	6	6	9	12	15	25	42	73
22.5°	0	0	5	6	6	10	12	17	30	52	86
20°	0	0	6	6	6	11	12	19	36	60	100
17.5°	0	0	6	6	6	11	13	21	41	68	113
15°	0	0	6	6	6	12	14	23	47	75	127
12.5°	0	0	6	6	6	12	14	28	52	81	140
10°	0	0	6	6	6	12	15	32	57	91	153
7.5°	0	0	6	6	6	12	16	37	61	101	163
5°	0	0	6	6	6	12	17	42	64	112	171
2.5°	0	0	6	6	6	13	18	46	67	123	178
0°	0	0	6	6	6	13	19	50	69	132	182
-2.5°	0	0	6	6	7	13	22	52	78	138	192
-5°	0	0	6	6	7	14	25	54	86	143	201
-7.5°	0	0	6	6	8	14	28	55	94	147	208
-10°	0	1	6	6	8	15	31	56	100	151	213
-12.5°	0	1	6	6	9	15	33	56	104	154	217
-15°	0	1	6	6	9	16	34	57	106	156	219
-17.5°	0	1	6	6	9	16	35	59	105	156	219
-20°	0	1	6	6	10	16	36	61	104	156	216

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CATALOG NUMBER: GFLD-SA6B-750-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	10	16	36	63	102	154	211
-25°	0	1	6	6	10	17	36	64	100	150	203
-27.5°	0	1	6	6	9	18	36	64	97	146	198
-30°	0	1	5	6	9	19	35	63	96	142	192
-32.5°	0	1	5	6	10	20	34	61	95	138	185
-35°	0	1	5	6	10	20	34	60	92	133	176
-37.5°	0	2	5	6	10	21	35	58	88	129	173
-40°	0	2	5	6	10	21	35	56	83	124	170
-42.5°	0	2	5	6	11	21	34	53	79	117	164
-45°	0	2	5	7	11	21	34	51	75	110	157
-47.5°	0	2	5	7	11	20	32	49	72	102	147
-50°	0	2	5	7	12	20	32	47	68	97	136
-52.5°	0	2	5	7	12	19	31	45	65	92	124
-55°	0	1	5	8	12	19	29	42	62	86	116
-57.5°	0	1	5	8	11	18	28	40	58	81	108
-60°	0	1	5	8	11	17	26	38	54	75	99
-62.5°	0	1	5	8	11	16	25	36	50	69	91
-65°	0	1	5	8	11	15	23	33	46	62	82
-67.5°	0	1	4	8	10	14	21	30	41	55	73
-70°	0	1	4	8	10	14	18	26	36	47	63
-72.5°	0	1	4	7	10	13	17	22	31	41	52
-75°	0	1	3	6	9	12	16	20	25	33	43
-77.5°	0	1	3	5	8	11	14	18	22	27	33
-80°	0	1	2	4	6	9	13	16	19	23	27
-82.5°	0	0	2	3	5	7	10	13	16	19	22
-85°	0	0	1	2	3	5	6	8	11	13	16
-87.5°	0	0	1	1	2	2	3	4	5	7	8
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627836 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-750-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	2	2
60°	6	5	4	5	6	6	4	4	5	6	15
57.5°	6	6	6	7	7	7	8	9	23	38	42
55°	6	6	7	9	10	11	17	35	53	65	70
52.5°	7	7	10	12	15	24	43	64	81	94	111
50°	8	10	13	17	28	49	73	96	118	138	162
47.5°	11	13	19	28	51	79	108	137	162	190	225
45°	13	20	27	49	78	113	149	181	208	241	271
42.5°	16	31	46	69	110	152	193	220	249	285	325
40°	26	43	66	101	145	195	231	260	291	341	391
37.5°	39	61	88	133	187	235	270	305	350	408	467
35°	52	77	117	168	227	272	311	355	417	483	553
32.5°	67	93	145	204	259	307	351	416	481	554	651
30°	81	117	174	237	289	340	401	473	538	628	740
27.5°	96	141	203	265	318	370	451	521	596	697	833
25°	112	167	230	290	345	411	500	574	651	780	963
22.5°	132	191	256	313	371	454	549	641	742	871	1096
20°	152	214	280	341	396	495	602	715	851	1031	1326
17.5°	171	235	303	369	438	539	658	792	962	1186	1619
15°	189	254	325	397	478	585	716	880	1085	1364	1902
12.5°	205	270	347	424	513	626	766	944	1187	1588	2264
10°	219	285	367	451	544	662	809	999	1270	1748	2535
7.5°	231	301	386	476	571	693	846	1043	1343	1874	2746
5°	242	319	403	495	591	719	877	1077	1405	1967	2908
2.5°	251	337	417	510	605	739	901	1109	1464	2043	3046
0°	258	352	428	522	617	755	919	1133	1510	2095	3153
-2.5°	267	360	443	532	634	766	927	1150	1525	2103	3131
-5°	274	366	455	539	648	772	929	1156	1523	2086	3067
-7.5°	280	369	464	545	656	776	930	1152	1507	2052	2962
-10°	285	373	467	553	658	775	925	1138	1472	1984	2804
-12.5°	291	377	468	556	657	771	913	1113	1415	1883	2601
-15°	295	379	467	555	654	762	894	1077	1340	1747	2350
-17.5°	297	380	465	551	649	750	867	1035	1271	1629	2170
-20°	296	379	463	541	641	737	849	1002	1213	1515	1952

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CATALOG NUMBER: GFLD-SA6B-750-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°	293	376	459	534	629	724	828	962	1139	1387	1740
-25°	287	371	453	529	615	708	802	918	1073	1292	1586
-27.5°	277	364	444	521	600	690	778	884	1019	1188	1423
-30°	264	353	432	509	587	671	755	845	964	1111	1299
-32.5°	250	341	418	494	572	652	731	815	916	1038	1185
-35°	241	326	404	476	553	630	707	784	867	976	1102
-37.5°	235	310	390	457	530	606	679	753	830	916	1030
-40°	227	295	373	441	507	580	651	721	792	878	966
-42.5°	217	284	355	425	487	554	622	689	761	839	922
-45°	208	270	338	403	466	529	594	657	727	801	878
-47.5°	197	255	320	377	439	502	565	628	689	759	833
-50°	182	237	297	352	407	470	533	596	656	715	780
-52.5°	168	217	273	328	378	431	495	559	619	678	735
-55°	152	198	249	302	352	398	454	519	579	636	694
-57.5°	139	178	225	275	325	373	424	479	537	593	650
-60°	128	159	199	246	295	343	392	443	497	550	601
-62.5°	116	144	176	215	261	308	355	403	453	499	544
-65°	105	127	154	187	223	266	311	357	403	443	482
-67.5°	93	112	134	158	190	226	262	304	346	386	423
-70°	80	97	116	136	160	189	223	256	290	325	361
-72.5°	66	82	98	115	136	160	186	213	242	273	304
-75°	54	66	80	95	112	132	154	177	200	224	250
-77.5°	43	53	64	76	89	105	122	140	159	178	197
-80°	33	40	49	58	69	80	92	104	118	134	150
-82.5°	26	31	37	43	50	57	65	74	85	96	108
-85°	19	22	25	29	33	37	42	47	54	61	68
-87.5°	9	11	13	14	16	18	20	22	26	29	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	5	5
60°	17	12	16	21	20	15	22	26	23	19	20
57.5°	44	48	54	64	70	75	80	87	92	94	97
55°	81	97	114	122	135	156	174	175	179	183	194
52.5°	130	148	157	172	199	215	224	238	254	269	283
50°	188	204	223	247	273	289	295	320	352	377	393
47.5°	247	268	303	345	367	386	412	445	480	517	546
45°	302	340	384	422	451	483	519	560	614	666	705
42.5°	364	407	452	496	528	582	643	692	770	839	882
40°	437	480	543	597	663	732	838	936	1035	1150	1233
37.5°	524	590	680	767	865	966	1156	1350	1509	1732	1856
35°	629	732	858	988	1145	1388	1666	2041	2431	2756	3069
32.5°	751	881	1056	1288	1552	1943	2359	3050	3724	4397	5057
30°	870	1060	1327	1645	2079	2698	3483	4551	5708	6722	7639
27.5°	1029	1298	1646	2121	2860	3766	5216	6699	8173	9488	10433
25°	1221	1582	2074	2860	3927	5430	7373	9192	10921	12211	13297
22.5°	1499	2041	2738	3740	5676	7766	10091	12379	14322	15947	17018
20°	1842	2575	3742	5557	7835	10449	13441	15848	18240	20069	21702
17.5°	2328	3496	5143	7449	10170	13656	16738	19422	22459	24328	25994
15°	2766	4266	6614	9556	12744	16440	20074	23361	26293	28347	30209
12.5°	3319	5085	7784	11245	14732	18846	22624	26143	29015	31129	32432
10°	3815	5925	8953	12572	16476	20774	24689	28353	31134	32768	33727
7.5°	4215	6622	9900	13708	17830	22156	26292	29928	32589	33956	34611
5°	4525	7139	10642	14639	18921	23347	27568	31127	33369	34499	34864
2.5°	4757	7500	11141	15253	19657	24227	28537	32044	33956	34772	34893
0°	4915	7753	11466	15638	20288	24542	29060	32622	34441	35095	35158
-2.5°	4878	7661	11451	15498	20216	24684	29144	32659	34605	35485	35628
-5°	4778	7446	11072	15102	19641	24116	28370	32081	34470	35798	36386
-7.5°	4587	7073	10422	14344	18709	23189	27526	31377	34126	35994	37145
-10°	4261	6529	9591	13385	17687	21955	26244	30240	33200	35450	37053
-12.5°	3815	5790	8578	12027	16352	20337	24397	28226	31457	34231	35888
-15°	3356	5022	7526	10681	14446	18371	22122	25879	29068	31662	33729
-17.5°	3028	4348	6307	9068	12374	16097	19757	23209	26086	28525	30692
-20°	2614	3594	5146	7467	10378	13632	17138	20210	22780	25066	27137



REPORT NUMBER: P627836 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-750-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°	2285	3078	4199	5783	8397	11268	14136	16964	19380	21416	23183
-25°	1985	2542	3418	4706	6406	8885	11302	13690	15920	17813	19405
-27.5°	1750	2193	2777	3694	4984	6431	8548	10544	12462	14192	15693
-30°	1536	1868	2325	2898	3776	4851	6124	7617	9146	10512	11876
-32.5°	1383	1619	1933	2358	2850	3619	4389	5393	6362	7358	8336
-35°	1245	1435	1648	1933	2270	2719	3226	3840	4358	5010	5611
-37.5°	1150	1284	1447	1627	1868	2118	2462	2835	3155	3519	3824
-40°	1072	1177	1287	1409	1574	1743	1965	2175	2378	2599	2765
-42.5°	1006	1090	1170	1264	1362	1498	1646	1777	1900	2031	2139
-45°	954	1017	1081	1154	1229	1327	1432	1530	1610	1683	1742
-47.5°	899	955	1012	1068	1132	1203	1272	1334	1402	1458	1499
-50°	844	900	951	1000	1055	1111	1166	1216	1263	1305	1331
-52.5°	791	849	899	944	990	1036	1082	1126	1168	1205	1223
-55°	751	804	855	895	934	973	1013	1056	1095	1131	1142
-57.5°	706	760	809	846	882	917	955	994	1031	1065	1076
-60°	655	712	755	790	826	865	900	935	970	999	1011
-62.5°	594	645	685	719	752	783	822	859	895	925	942
-65°	522	566	604	639	671	701	737	771	804	830	848
-67.5°	458	493	524	555	586	618	651	683	714	737	752
-70°	395	428	457	486	514	541	568	595	622	641	656
-72.5°	334	362	387	413	438	463	486	509	532	549	563
-75°	276	300	322	344	365	384	402	420	438	452	465
-77.5°	217	237	256	274	292	308	322	336	349	361	373
-80°	166	180	194	208	222	234	244	255	265	275	284
-82.5°	119	129	138	147	156	164	172	180	187	194	201
-85°	76	81	86	91	96	101	106	111	115	120	124
-87.5°	36	38	41	43	46	48	50	52	55	57	59
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627836 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-750-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	5	4	4
60°	20	19	19	19	19	19	20	20	19	23	26
57.5°	95	88	82	76	82	88	95	97	94	92	87
55°	206	217	222	220	222	217	206	194	183	179	175
52.5°	292	298	296	290	296	298	292	283	269	254	238
50°	399	400	397	390	397	400	399	393	377	352	320
47.5°	561	569	573	573	573	569	561	546	517	480	445
45°	720	728	731	730	731	728	720	705	666	614	560
42.5°	905	919	923	919	923	919	905	882	839	770	692
40°	1282	1298	1291	1271	1291	1298	1282	1233	1150	1035	936
37.5°	1943	2005	2032	2033	2032	2005	1943	1856	1732	1509	1350
35°	3351	3575	3678	3549	3678	3575	3351	3069	2756	2431	2041
32.5°	5596	5993	6217	6217	6217	5993	5596	5057	4397	3724	3050
30°	8332	8830	9109	9169	9109	8830	8332	7639	6722	5708	4551
27.5°	11170	11684	11951	11912	11951	11684	11170	10433	9488	8173	6699
25°	14017	14406	14631	14637	14631	14406	14017	13297	12211	10921	9192
22.5°	18223	19042	19380	19470	19380	19042	18223	17018	15947	14322	12379
20°	22808	23603	24115	24146	24115	23603	22808	21702	20069	18240	15848
17.5°	27176	27570	27643	27676	27643	27570	27176	25994	24328	22459	19422
15°	31294	31432	31796	31842	31796	31432	31294	30209	28347	26293	23361
12.5°	33250	33376	33314	33145	33314	33376	33250	32432	31129	29015	26143
10°	34316	34137	33873	33554	33873	34137	34316	33727	32768	31134	28353
7.5°	34557	34359	33892	33428	33892	34359	34557	34611	33956	32589	29928
5°	34672	34091	33500	32937	33500	34091	34672	34864	34499	33369	31127
2.5°	34604	33913	33102	32496	33102	33913	34604	34893	34772	33956	32044
0°	34825	34126	33277	33050	33277	34126	34825	35158	35095	34441	32622
-2.5°	35440	34873	34430	34309	34430	34873	35440	35628	35485	34605	32659
-5°	36545	36421	35667	35844	35667	36421	36545	36386	35798	34470	32081
-7.5°	37614	37437	37118	37531	37118	37437	37614	37145	35994	34126	31377
-10°	37898	37840	37989	38355	37989	37840	37898	37053	35450	33200	30240
-12.5°	37027	37483	37995	38380	37995	37483	37027	35888	34231	31457	28226
-15°	35086	36019	36784	37147	36784	36019	35086	33729	31662	29068	25879
-17.5°	32226	33371	34277	34535	34277	33371	32226	30692	28525	26086	23209
-20°	28706	29870	30695	31024	30695	29870	28706	27137	25066	22780	20210

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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°	24744	25880	26628	27022	26628	25880	24744	23183	21416	19380	16964
-25°	20723	21722	22385	22560	22385	21722	20723	19405	17813	15920	13690
-27.5°	16878	17681	18170	18224	18170	17681	16878	15693	14192	12462	10544
-30°	13010	13756	14180	14404	14180	13756	13010	11876	10512	9146	7617
-32.5°	9137	9729	10088	10182	10088	9729	9137	8336	7358	6362	5393
-35°	6092	6460	6687	6733	6687	6460	6092	5611	5010	4358	3840
-37.5°	4073	4253	4363	4418	4363	4253	4073	3824	3519	3155	2835
-40°	2886	2970	3017	3027	3017	2970	2886	2765	2599	2378	2175
-42.5°	2207	2250	2272	2278	2272	2250	2207	2139	2031	1900	1777
-45°	1783	1813	1831	1838	1831	1813	1783	1742	1683	1610	1530
-47.5°	1526	1545	1557	1561	1557	1545	1526	1499	1458	1402	1334
-50°	1346	1357	1361	1359	1361	1357	1346	1331	1305	1263	1216
-52.5°	1233	1240	1242	1240	1242	1240	1233	1223	1205	1168	1126
-55°	1149	1154	1154	1152	1154	1154	1149	1142	1131	1095	1056
-57.5°	1084	1091	1089	1082	1089	1091	1084	1076	1065	1031	994
-60°	1020	1028	1029	1026	1029	1028	1020	1011	999	970	935
-62.5°	957	970	972	969	972	970	957	942	925	895	859
-65°	866	881	881	875	881	881	866	848	830	804	771
-67.5°	765	776	777	774	777	776	765	752	737	714	683
-70°	670	682	682	680	682	682	670	656	641	622	595
-72.5°	576	588	591	592	591	588	576	563	549	532	509
-75°	477	488	487	485	487	488	477	465	452	438	420
-77.5°	384	394	393	390	393	394	384	373	361	349	336
-80°	293	301	299	296	299	301	293	284	275	265	255
-82.5°	207	213	211	208	211	213	207	201	194	187	180
-85°	128	132	132	132	132	132	128	124	120	115	111
-87.5°	61	63	60	57	60	63	61	59	57	55	52
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627836 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-750-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	2	1	2
60°	22	15	20	21	16	12	17	15	6	5	4
57.5°	80	75	70	64	54	48	44	42	38	23	9
55°	174	156	135	122	114	97	81	70	65	53	35
52.5°	224	215	199	172	157	148	130	111	94	81	64
50°	295	289	273	247	223	204	188	162	138	118	96
47.5°	412	386	367	345	303	268	247	225	190	162	137
45°	519	483	451	422	384	340	302	271	241	208	181
42.5°	643	582	528	496	452	407	364	325	285	249	220
40°	838	732	663	597	543	480	437	391	341	291	260
37.5°	1156	966	865	767	680	590	524	467	408	350	305
35°	1666	1388	1145	988	858	732	629	553	483	417	355
32.5°	2359	1943	1552	1288	1056	881	751	651	554	481	416
30°	3483	2698	2079	1645	1327	1060	870	740	628	538	473
27.5°	5216	3766	2860	2121	1646	1298	1029	833	697	596	521
25°	7373	5430	3927	2860	2074	1582	1221	963	780	651	574
22.5°	10091	7766	5676	3740	2738	2041	1499	1096	871	742	641
20°	13441	10449	7835	5557	3742	2575	1842	1326	1031	851	715
17.5°	16738	13656	10170	7449	5143	3496	2328	1619	1186	962	792
15°	20074	16440	12744	9556	6614	4266	2766	1902	1364	1085	880
12.5°	22624	18846	14732	11245	7784	5085	3319	2264	1588	1187	944
10°	24689	20774	16476	12572	8953	5925	3815	2535	1748	1270	999
7.5°	26292	22156	17830	13708	9900	6622	4215	2746	1874	1343	1043
5°	27568	23347	18921	14639	10642	7139	4525	2908	1967	1405	1077
2.5°	28537	24227	19657	15253	11141	7500	4757	3046	2043	1464	1109
0°	29060	24542	20288	15638	11466	7753	4915	3153	2095	1510	1133
-2.5°	29144	24684	20216	15498	11451	7661	4878	3131	2103	1525	1150
-5°	28370	24116	19641	15102	11072	7446	4778	3067	2086	1523	1156
-7.5°	27526	23189	18709	14344	10422	7073	4587	2962	2052	1507	1152
-10°	26244	21955	17687	13385	9591	6529	4261	2804	1984	1472	1138
-12.5°	24397	20337	16352	12027	8578	5790	3815	2601	1883	1415	1113
-15°	22122	18371	14446	10681	7526	5022	3356	2350	1747	1340	1077
-17.5°	19757	16097	12374	9068	6307	4348	3028	2170	1629	1271	1035
-20°	17138	13632	10378	7467	5146	3594	2614	1952	1515	1213	1002

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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°	14136	11268	8397	5783	4199	3078	2285	1740	1387	1139	962
-25°	11302	8885	6406	4706	3418	2542	1985	1586	1292	1073	918
-27.5°	8548	6431	4984	3694	2777	2193	1750	1423	1188	1019	884
-30°	6124	4851	3776	2898	2325	1868	1536	1299	1111	964	845
-32.5°	4389	3619	2850	2358	1933	1619	1383	1185	1038	916	815
-35°	3226	2719	2270	1933	1648	1435	1245	1102	976	867	784
-37.5°	2462	2118	1868	1627	1447	1284	1150	1030	916	830	753
-40°	1965	1743	1574	1409	1287	1177	1072	966	878	792	721
-42.5°	1646	1498	1362	1264	1170	1090	1006	922	839	761	689
-45°	1432	1327	1229	1154	1081	1017	954	878	801	727	657
-47.5°	1272	1203	1132	1068	1012	955	899	833	759	689	628
-50°	1166	1111	1055	1000	951	900	844	780	715	656	596
-52.5°	1082	1036	990	944	899	849	791	735	678	619	559
-55°	1013	973	934	895	855	804	751	694	636	579	519
-57.5°	955	917	882	846	809	760	706	650	593	537	479
-60°	900	865	826	790	755	712	655	601	550	497	443
-62.5°	822	783	752	719	685	645	594	544	499	453	403
-65°	737	701	671	639	604	566	522	482	443	403	357
-67.5°	651	618	586	555	524	493	458	423	386	346	304
-70°	568	541	514	486	457	428	395	361	325	290	256
-72.5°	486	463	438	413	387	362	334	304	273	242	213
-75°	402	384	365	344	322	300	276	250	224	200	177
-77.5°	322	308	292	274	256	237	217	197	178	159	140
-80°	244	234	222	208	194	180	166	150	134	118	104
-82.5°	172	164	156	147	138	129	119	108	96	85	74
-85°	106	101	96	91	86	81	76	68	61	54	47
-87.5°	50	48	46	43	41	38	36	32	29	26	22
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627836 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-750-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	5	4	3
57.5°	8	7	7	7	6	6	6	6	6	5	5
55°	17	11	10	9	7	6	6	6	6	6	6
52.5°	43	24	15	12	10	7	7	6	6	6	6
50°	73	49	28	17	13	10	8	7	6	6	7
47.5°	108	79	51	28	19	13	11	9	6	6	7
45°	149	113	78	49	27	20	13	10	8	7	8
42.5°	193	152	110	69	46	31	16	13	10	7	8
40°	231	195	145	101	66	43	26	15	12	8	9
37.5°	270	235	187	133	88	61	39	17	14	10	9
35°	311	272	227	168	117	77	52	23	18	13	9
32.5°	351	307	259	204	145	93	67	38	22	15	10
30°	401	340	289	237	174	117	81	50	28	18	10
27.5°	451	370	318	265	203	141	96	62	34	21	13
25°	500	411	345	290	230	167	112	73	42	25	15
22.5°	549	454	371	313	256	191	132	86	52	30	17
20°	602	495	396	341	280	214	152	100	60	36	19
17.5°	658	539	438	369	303	235	171	113	68	41	21
15°	716	585	478	397	325	254	189	127	75	47	23
12.5°	766	626	513	424	347	270	205	140	81	52	28
10°	809	662	544	451	367	285	219	153	91	57	32
7.5°	846	693	571	476	386	301	231	163	101	61	37
5°	877	719	591	495	403	319	242	171	112	64	42
2.5°	901	739	605	510	417	337	251	178	123	67	46
0°	919	755	617	522	428	352	258	182	132	69	50
-2.5°	927	766	634	532	443	360	267	192	138	78	52
-5°	929	772	648	539	455	366	274	201	143	86	54
-7.5°	930	776	656	545	464	369	280	208	147	94	55
-10°	925	775	658	553	467	373	285	213	151	100	56
-12.5°	913	771	657	556	468	377	291	217	154	104	56
-15°	894	762	654	555	467	379	295	219	156	106	57
-17.5°	867	750	649	551	465	380	297	219	156	105	59
-20°	849	737	641	541	463	379	296	216	156	104	61

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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°	828	724	629	534	459	376	293	211	154	102	63
-25°	802	708	615	529	453	371	287	203	150	100	64
-27.5°	778	690	600	521	444	364	277	198	146	97	64
-30°	755	671	587	509	432	353	264	192	142	96	63
-32.5°	731	652	572	494	418	341	250	185	138	95	61
-35°	707	630	553	476	404	326	241	176	133	92	60
-37.5°	679	606	530	457	390	310	235	173	129	88	58
-40°	651	580	507	441	373	295	227	170	124	83	56
-42.5°	622	554	487	425	355	284	217	164	117	79	53
-45°	594	529	466	403	338	270	208	157	110	75	51
-47.5°	565	502	439	377	320	255	197	147	102	72	49
-50°	533	470	407	352	297	237	182	136	97	68	47
-52.5°	495	431	378	328	273	217	168	124	92	65	45
-55°	454	398	352	302	249	198	152	116	86	62	42
-57.5°	424	373	325	275	225	178	139	108	81	58	40
-60°	392	343	295	246	199	159	128	99	75	54	38
-62.5°	355	308	261	215	176	144	116	91	69	50	36
-65°	311	266	223	187	154	127	105	82	62	46	33
-67.5°	262	226	190	158	134	112	93	73	55	41	30
-70°	223	189	160	136	116	97	80	63	47	36	26
-72.5°	186	160	136	115	98	82	66	52	41	31	22
-75°	154	132	112	95	80	66	54	43	33	25	20
-77.5°	122	105	89	76	64	53	43	33	27	22	18
-80°	92	80	69	58	49	40	33	27	23	19	16
-82.5°	65	57	50	43	37	31	26	22	19	16	13
-85°	42	37	33	29	25	22	19	16	13	11	8
-87.5°	20	18	16	14	13	11	9	8	7	5	4
-90°	0	0	0	0	0	0	0	0	0	0	0

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CATALOG NUMBER: GFLD-SA6B-750-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	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	6	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°	11	7	6	6	4	0	0
30°	11	8	6	6	5	0	0
27.5°	11	9	6	6	5	0	0
25°	12	9	6	6	5	0	0
22.5°	12	10	6	6	5	0	0
20°	12	11	6	6	6	0	0
17.5°	13	11	6	6	6	0	0
15°	14	12	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	13	6	6	6	0	0
0°	19	13	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°	31	15	8	6	6	1	0
-12.5°	33	15	9	6	6	1	0
-15°	34	16	9	6	6	1	0
-17.5°	35	16	9	6	6	1	0
-20°	36	16	10	6	6	1	0

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CATALOG NUMBER: GFLD-SA6B-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	36	16	10	6	6	1	0
-25°	36	17	10	6	6	1	0
-27.5°	36	18	9	6	6	1	0
-30°	35	19	9	6	5	1	0
-32.5°	34	20	10	6	5	1	0
-35°	34	20	10	6	5	1	0
-37.5°	35	21	10	6	5	2	0
-40°	35	21	10	6	5	2	0
-42.5°	34	21	11	6	5	2	0
-45°	34	21	11	7	5	2	0
-47.5°	32	20	11	7	5	2	0
-50°	32	20	12	7	5	2	0
-52.5°	31	19	12	7	5	2	0
-55°	29	19	12	8	5	1	0
-57.5°	28	18	11	8	5	1	0
-60°	26	17	11	8	5	1	0
-62.5°	25	16	11	8	5	1	0
-65°	23	15	11	8	5	1	0
-67.5°	21	14	10	8	4	1	0
-70°	18	14	10	8	4	1	0
-72.5°	17	13	10	7	4	1	0
-75°	16	12	9	6	3	1	0
-77.5°	14	11	8	5	3	1	0
-80°	13	9	6	4	2	1	0
-82.5°	10	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)