

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: P626860 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-735-U-VWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626860 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-18)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2B-735-U-VWR-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
Light Source: (32) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

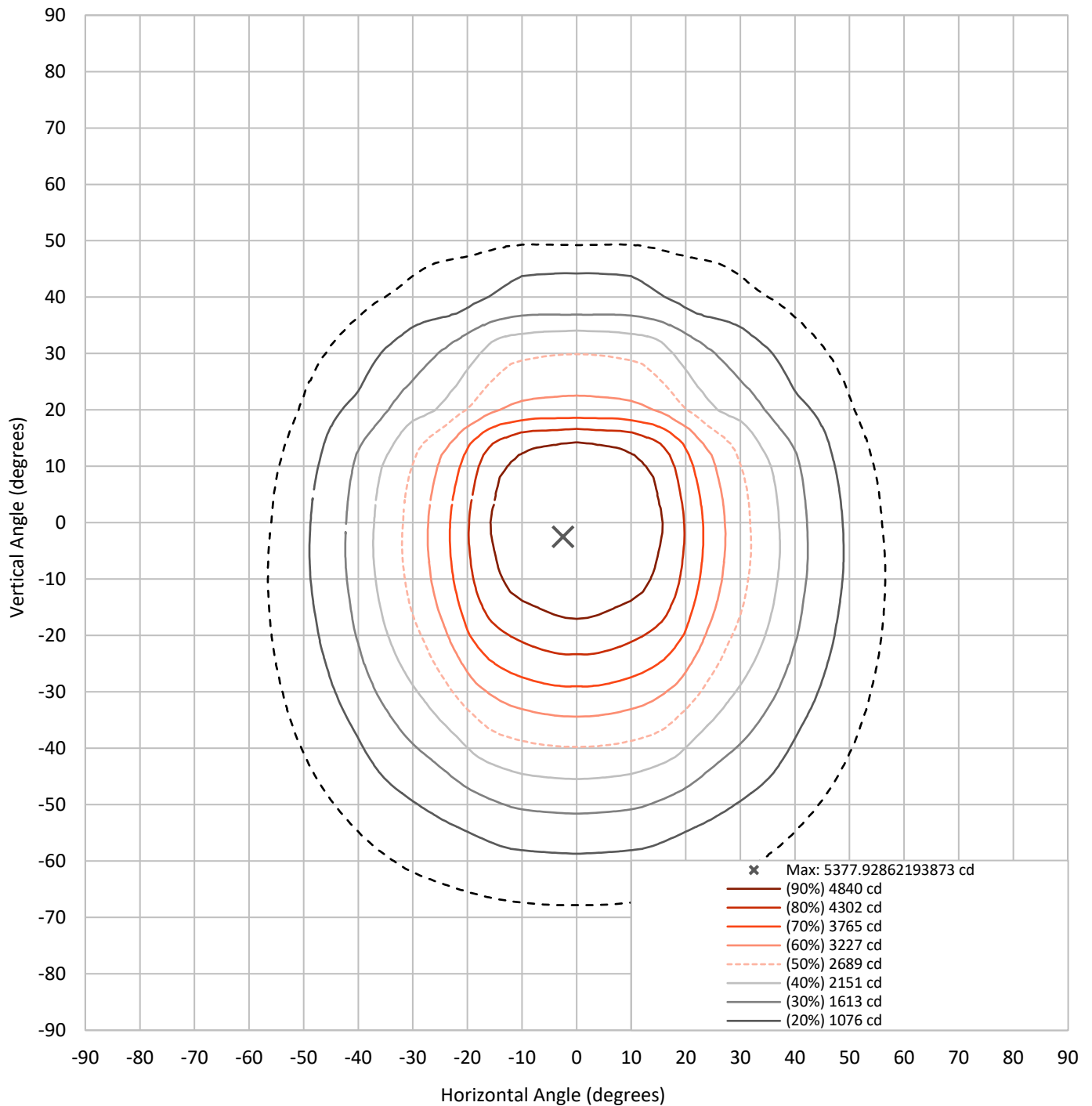
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	7177 lumens	Max Intensity:	5377.9 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	112.8 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	63.9°H x 69.6°V	Field Angle (10%):	112.5°H x 117.1°V
Beam Lumens:	4152.4 lumens	Field Lumens:	6810.5 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	63.6		
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: P626860 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2B-735-U-VWR-VSR-XX

Iso-Candela Plot





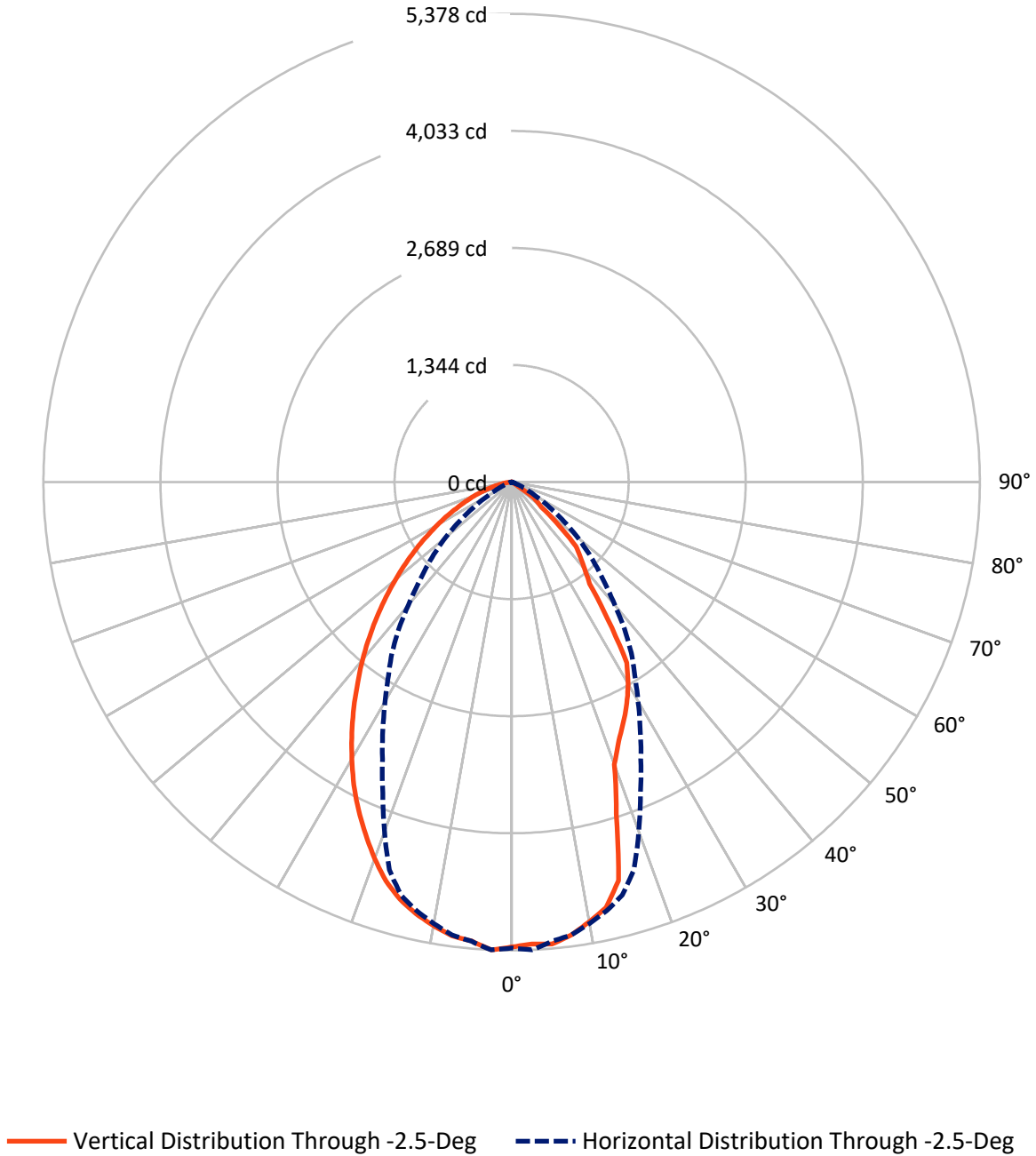
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Lumen Table

90																			
80	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						
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	0.1	0.7	2.0	3.8	5.6	7.0	7.0	5.6	3.8	2.0	0.7	0.1					0.1
40	0.1	0.1	0.8	3.7	8.9	16.0	23.7	29.0	29.0	23.7	16.0	8.9	3.7	0.8	0.1	0.1			
30		0.3	2.7	9.3	20.8	33.7	50.6	59.1	59.1	50.6	33.7	20.8	9.3	2.7	0.3				
20	0.2	0.8	5.2	16.5	33.5	53.1	79.7	91.6	91.6	79.7	53.1	33.5	16.5	5.2	0.8	0.2			
10		1.4	7.9	24.4	48.3	79.5	118.3	135.7	135.7	118.3	79.5	48.3	24.4	7.9	1.4				
0	0.4	1.9	10.3	29.0	57.7	95.0	139.7	158.5	158.5	139.7	95.0	57.7	29.0	10.3	1.9	0.4			
-10		2.2	11.3	30.1	59.3	97.1	140.7	159.1	159.1	140.7	97.1	59.3	30.1	11.3	2.2				
-20	0.5	2.3	11.1	28.5	55.9	90.9	130.6	147.6	147.6	130.6	90.9	55.9	28.5	11.1	2.3	0.5			
-30		2.1	9.7	24.9	48.3	77.3	109.5	124.0	124.0	109.5	77.3	48.3	24.9	9.7	2.1				
-40	0.5	1.8	7.7	19.6	38.0	59.6	83.6	94.7	94.7	83.6	59.6	38.0	19.6	7.7	1.8	0.5			
-50		1.4	5.7	14.0	27.2	41.9	57.9	65.7	65.7	57.9	41.9	27.2	14.0	5.7	1.4				
-60	0.3	1.1	3.7	9.0	16.9	26.0	35.4	40.3	40.3	35.4	26.0	16.9	9.0	3.7	1.1	0.3			
-70		0.7	2.3	5.2	9.3	13.8	18.3	20.7	20.7	18.3	13.8	9.3	5.2	2.3	0.7				
-80	0.1	1.7	7.7	16.9	18.8	16.9	7.7	1.7	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

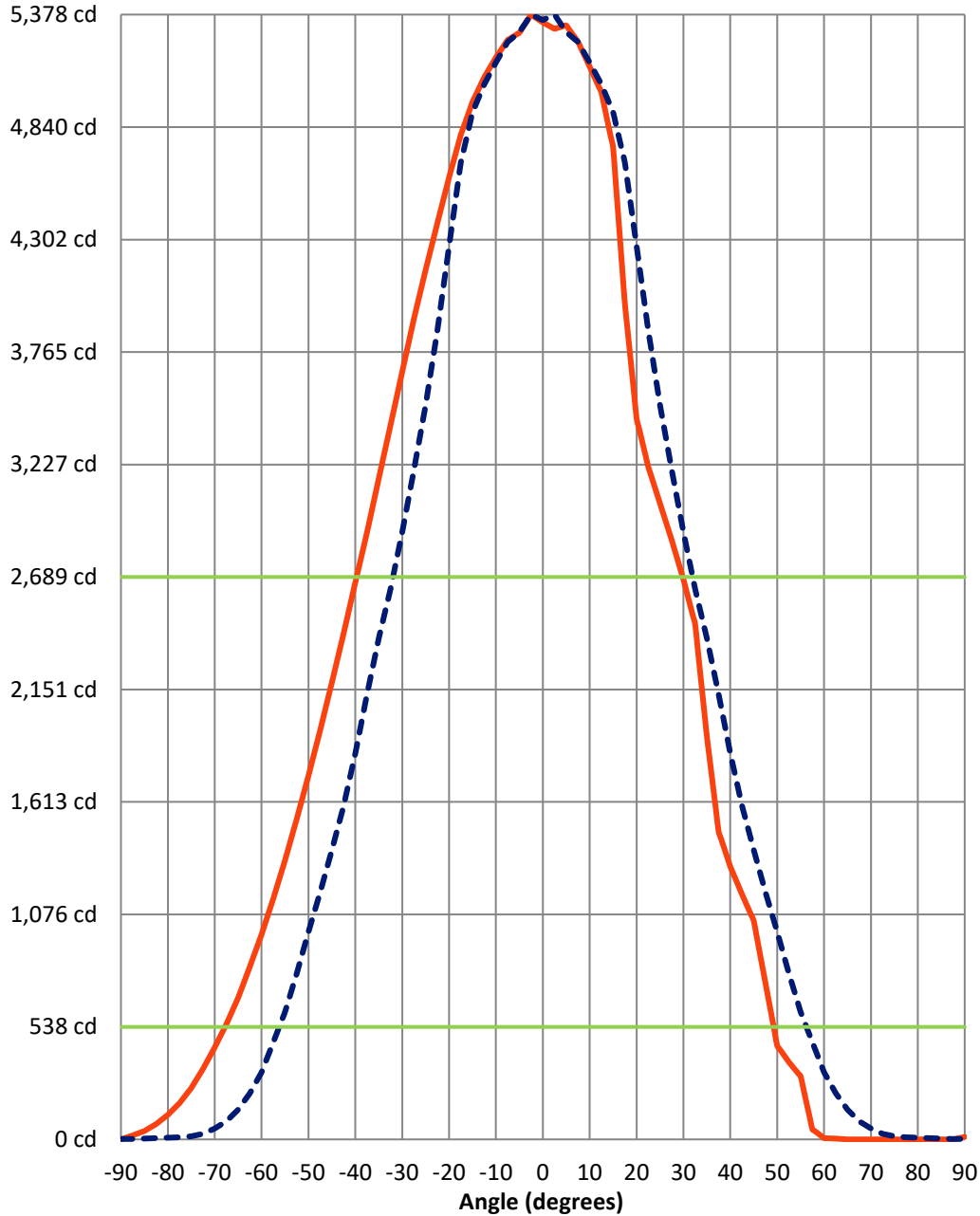
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 4152.4
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 6810.5
 Efficiency: 94.9%

Spill:
 Lumens: 366.5
 Efficiency: 5.1%

— Vertical Distribution through -2.5-Deg
 - - Horizontal Distribution through -2.5-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°	2	2	2	2	3	4	4	5	5	6	6
87.5°	2	2	2	2	2	2	1	1	1	0	0
85°	2	2	2	2	2	1	1	1	0	0	0
82.5°	2	2	2	2	1	1	0	0	0	0	1
80°	2	2	2	2	1	1	0	0	1	1	1
77.5°	2	2	2	2	1	1	1	1	1	2	2
75°	2	2	2	2	1	1	1	2	2	2	1
72.5°	2	2	2	2	1	1	2	2	2	1	0
70°	2	2	2	2	1	2	2	2	1	1	1
67.5°	2	2	2	2	2	2	2	2	1	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	3	3	3
60°	2	2	2	2	2	2	2	3	3	3	3
57.5°	2	2	2	2	2	3	3	3	4	4	4
55°	2	2	2	2	2	3	3	4	5	5	5
52.5°	2	2	2	2	3	3	4	5	5	6	6
50°	2	2	2	2	3	3	4	5	6	6	7
47.5°	2	2	2	2	3	4	5	6	7	7	8
45°	2	2	2	2	3	4	5	6	7	8	9
42.5°	2	2	2	2	4	5	6	7	8	9	10
40°	2	2	2	3	4	5	6	8	9	10	13
37.5°	2	2	2	3	4	5	7	8	10	11	15
35°	2	2	3	3	4	6	7	9	11	14	19
32.5°	2	2	3	3	5	6	8	10	12	17	27
30°	2	2	3	4	5	6	8	11	13	20	34
27.5°	2	2	3	4	5	7	9	11	14	24	42
25°	2	2	3	4	6	7	9	12	17	29	49
22.5°	2	2	3	4	6	7	10	13	20	35	59
20°	2	2	3	5	6	8	10	14	23	41	68
17.5°	2	2	3	5	6	8	11	15	27	46	78
15°	2	2	3	5	7	8	12	16	30	51	87
12.5°	2	2	3	5	7	9	12	17	33	56	96
10°	2	2	4	5	7	9	13	18	37	62	104
7.5°	2	2	4	6	7	9	13	20	41	67	114
5°	2	2	4	6	8	10	13	21	44	72	122
2.5°	2	2	4	6	8	10	14	23	47	76	130
0°	2	2	4	6	8	10	14	24	50	80	136
-2.5°	2	2	4	6	8	10	15	27	52	87	142
-5°	2	2	4	6	8	10	16	29	54	92	147
-7.5°	2	2	4	6	8	11	16	31	55	97	151
-10°	2	2	4	6	9	11	17	32	56	100	154
-12.5°	2	2	4	6	9	11	17	34	57	102	156
-15°	2	2	4	6	9	11	17	34	58	102	157
-17.5°	2	2	4	6	9	11	17	35	60	100	156
-20°	2	2	4	6	9	11	18	36	61	99	153

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CATALOG NUMBER: GFLD-SA2B-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	2	2	4	6	8	11	19	36	61	96	148
-25°	2	2	4	5	8	12	20	36	61	93	141
-27.5°	2	2	4	5	8	13	21	35	60	90	136
-30°	2	2	3	5	8	14	21	34	59	88	131
-32.5°	2	2	3	5	8	14	21	35	58	86	124
-35°	2	2	3	5	8	15	22	35	56	83	117
-37.5°	2	2	3	5	9	15	23	35	53	79	114
-40°	2	2	3	5	9	15	23	34	50	75	110
-42.5°	2	2	3	4	9	15	23	33	48	72	105
-45°	2	2	3	5	9	15	23	33	47	68	98
-47.5°	2	2	3	4	9	15	23	32	45	64	92
-50°	2	2	3	4	9	15	22	31	44	62	86
-52.5°	2	2	2	4	8	14	22	30	43	60	79
-55°	2	2	2	4	8	14	21	29	41	57	76
-57.5°	2	2	2	4	7	13	20	28	39	54	72
-60°	2	2	2	4	7	12	19	26	37	51	67
-62.5°	2	2	2	4	7	11	17	25	34	47	62
-65°	2	2	2	3	6	10	16	22	30	42	56
-67.5°	2	2	2	3	6	9	14	19	26	35	48
-70°	2	2	2	3	5	8	12	17	22	29	39
-72.5°	2	2	2	3	5	7	10	14	18	24	30
-75°	2	2	2	3	4	6	9	11	14	19	24
-77.5°	2	2	2	3	4	5	8	10	12	14	17
-80°	2	2	2	3	4	5	6	8	9	11	13
-82.5°	2	2	2	3	3	4	6	6	7	9	10
-85°	2	2	2	3	3	4	5	6	6	7	8
-87.5°	2	2	2	3	3	4	5	5	6	6	7
-90°	2	2	2	2	2	2	2	1	1	0	0



REPORT NUMBER: P626860 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	6	6	6	6	6	6	6	6	7	7	8
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°	1	1	0	0	0	0	0	0	0	0	0
80°	1	1	0	0	0	0	0	0	0	0	0
77.5°	1	1	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	1	1	0	0	0	0	0	0	0	0
70°	1	1	1	0	0	0	0	0	0	0	0
67.5°	2	1	1	1	1	1	1	1	1	1	1
65°	2	1	1	2	2	2	2	2	2	2	2
62.5°	2	2	3	3	3	3	3	3	2	3	3
60°	3	3	4	4	4	5	4	5	5	6	11
57.5°	4	4	5	5	6	6	6	7	16	26	29
55°	5	5	6	7	8	8	11	23	35	48	53
52.5°	6	7	8	9	10	15	28	44	62	77	97
50°	7	9	10	12	19	33	51	74	100	125	151
47.5°	9	11	13	19	37	57	82	119	151	181	216
45°	11	15	17	37	59	84	127	171	201	241	303
42.5°	13	21	33	56	82	124	177	215	254	319	383
40°	19	28	50	77	110	171	225	268	322	394	461
37.5°	26	42	67	100	155	221	279	341	402	470	595
35°	34	56	89	133	199	277	346	414	485	619	743
32.5°	44	68	112	171	247	332	412	492	605	757	882
30°	55	88	138	207	292	383	479	575	726	851	987
27.5°	67	109	169	244	334	431	540	677	811	935	1083
25°	78	131	197	280	375	483	608	775	879	1016	1172
22.5°	94	152	225	312	414	536	696	863	986	1102	1253
20°	111	175	255	352	452	588	783	959	1104	1236	1375
17.5°	127	197	288	394	506	655	868	1063	1223	1370	1544
15°	143	218	319	433	560	731	945	1159	1342	1507	1705
12.5°	156	236	350	469	611	797	1010	1218	1419	1634	1859
10°	169	253	379	503	658	853	1063	1268	1470	1698	1947
7.5°	182	269	405	534	701	898	1105	1307	1512	1749	2005
5°	195	283	426	556	734	934	1137	1338	1543	1787	2049
2.5°	206	295	443	573	758	961	1158	1363	1566	1818	2082
0°	215	305	456	586	777	980	1170	1379	1580	1839	2104
-2.5°	221	321	465	609	793	992	1181	1384	1595	1846	2129
-5°	225	334	470	627	804	997	1185	1380	1599	1844	2132
-7.5°	227	344	472	637	807	994	1179	1373	1592	1838	2116
-10°	229	346	476	634	803	983	1165	1357	1574	1817	2086
-12.5°	232	345	475	627	792	967	1145	1332	1544	1782	2044
-15°	233	340	470	617	776	946	1119	1298	1506	1748	1998
-17.5°	231	334	458	605	754	920	1088	1266	1471	1709	1949
-20°	226	326	442	590	729	892	1057	1234	1431	1654	1895



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 CATALOG NUMBER: GFLD-SA2B-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	217	316	424	569	706	859	1020	1189	1380	1583	1822
-25°	208	305	409	540	680	820	978	1135	1321	1520	1732
-27.5°	199	290	394	509	648	779	931	1083	1254	1449	1644
-30°	188	273	376	479	611	741	878	1028	1182	1367	1559
-32.5°	178	256	355	455	571	697	821	964	1114	1272	1461
-35°	172	246	333	429	529	650	768	892	1037	1185	1352
-37.5°	166	234	310	401	497	600	711	825	951	1101	1257
-40°	158	221	293	375	459	553	656	759	869	1015	1169
-42.5°	147	208	277	346	423	509	600	698	803	930	1071
-45°	138	191	259	321	385	463	549	637	736	845	973
-47.5°	128	173	236	293	350	417	495	578	666	765	869
-50°	116	159	207	263	317	372	439	517	596	682	775
-52.5°	108	141	185	232	283	334	391	457	528	600	682
-55°	98	128	165	207	250	297	349	407	465	531	596
-57.5°	91	116	148	184	223	263	312	361	415	469	523
-60°	86	105	132	164	198	236	276	321	367	412	459
-62.5°	80	97	117	143	175	207	242	281	323	361	397
-65°	72	87	104	125	150	177	208	240	277	307	337
-67.5°	63	75	90	107	128	149	171	199	228	253	277
-70°	51	63	75	89	105	123	143	163	183	203	225
-72.5°	39	50	60	70	83	98	114	130	148	165	182
-75°	30	37	46	55	64	73	84	97	114	130	146
-77.5°	23	28	34	40	46	53	61	69	83	98	114
-80°	16	20	24	29	33	37	41	46	56	68	81
-82.5°	12	14	17	20	22	24	26	29	36	45	54
-85°	8	9	10	12	13	14	15	17	21	25	30
-87.5°	7	7	8	8	8	9	9	9	10	12	13
-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°	8	9	9	10	10	11	11	12	12	12	12
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°	1	1	1	1	0	0	0	0	0	0	0
65°	2	2	1	1	0	1	1	1	1	1	1
62.5°	3	3	3	3	4	4	4	4	4	3	4
60°	12	8	9	11	11	7	12	14	12	8	8
57.5°	30	29	33	49	54	49	58	71	70	61	60
55°	64	86	113	117	135	172	201	188	188	198	228
52.5°	122	142	150	171	209	237	255	274	294	315	336
50°	179	199	222	243	296	325	320	358	407	438	454
47.5°	262	294	342	417	457	486	522	565	622	698	757
45°	360	410	485	565	626	655	695	763	853	940	1004
42.5°	441	509	593	670	720	766	819	876	979	1072	1146
40°	545	599	693	765	810	856	940	1025	1122	1209	1269
37.5°	678	738	836	918	961	977	1120	1238	1317	1428	1465
35°	821	919	1044	1150	1193	1278	1425	1590	1769	1835	1891
32.5°	980	1102	1271	1385	1445	1574	1760	1937	2171	2298	2336
30°	1126	1265	1411	1521	1625	1780	1950	2167	2384	2547	2597
27.5°	1233	1387	1527	1630	1747	1915	2126	2346	2559	2725	2784
25°	1334	1509	1620	1740	1877	2060	2294	2539	2748	2889	2961
22.5°	1451	1622	1742	1843	2023	2233	2451	2727	2949	3061	3140
20°	1570	1765	1949	2044	2199	2465	2708	2970	3184	3301	3383
17.5°	1737	1985	2211	2345	2512	2829	3133	3398	3696	3801	3902
15°	1913	2200	2465	2677	2892	3207	3598	3917	4258	4410	4581
12.5°	2089	2361	2600	2874	3177	3456	3828	4226	4534	4728	4844
10°	2220	2473	2703	2978	3280	3596	3966	4373	4696	4861	4956
7.5°	2291	2533	2776	3054	3355	3691	4072	4476	4807	4967	5060
5°	2344	2576	2827	3121	3425	3765	4146	4545	4847	5017	5135
2.5°	2376	2603	2860	3163	3469	3823	4222	4636	4900	5037	5145
0°	2385	2614	2879	3186	3499	3856	4252	4662	4928	5061	5171
-2.5°	2395	2631	2903	3201	3511	3867	4271	4670	4910	5044	5149
-5°	2388	2632	2904	3189	3501	3855	4242	4615	4866	5011	5115
-7.5°	2367	2614	2883	3156	3463	3821	4206	4566	4820	4973	5087
-10°	2335	2576	2846	3123	3426	3766	4146	4503	4747	4909	5042
-12.5°	2300	2536	2796	3062	3362	3698	4066	4404	4646	4823	4918
-15°	2249	2484	2733	2990	3282	3608	3960	4284	4522	4666	4771
-17.5°	2183	2414	2650	2894	3169	3490	3844	4164	4358	4486	4589
-20°	2113	2326	2550	2780	3047	3365	3712	3991	4174	4297	4395

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REPORT NUMBER: P626860 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2032	2238	2443	2663	2924	3216	3523	3792	3989	4101	4191
-25°	1940	2140	2335	2548	2788	3050	3335	3600	3776	3896	3985
-27.5°	1842	2030	2220	2410	2627	2888	3152	3398	3548	3669	3759
-30°	1743	1912	2088	2269	2471	2707	2954	3161	3319	3436	3520
-32.5°	1636	1797	1952	2121	2312	2520	2737	2934	3103	3210	3280
-35°	1527	1682	1825	1978	2146	2325	2526	2720	2887	2972	3040
-37.5°	1413	1568	1703	1831	1976	2142	2337	2522	2666	2739	2801
-40°	1314	1450	1572	1694	1812	1959	2141	2321	2437	2507	2565
-42.5°	1217	1332	1432	1542	1660	1805	1952	2102	2195	2274	2335
-45°	1105	1208	1301	1393	1500	1633	1766	1887	1974	2050	2109
-47.5°	981	1080	1171	1253	1353	1464	1576	1676	1762	1837	1890
-50°	866	954	1043	1126	1212	1302	1393	1481	1563	1636	1680
-52.5°	762	844	921	994	1070	1145	1221	1301	1376	1446	1481
-55°	669	742	812	873	934	994	1059	1133	1202	1266	1292
-57.5°	584	648	709	761	811	858	915	978	1039	1093	1114
-60°	507	557	609	655	698	739	788	839	888	930	947
-62.5°	436	479	518	555	592	629	669	709	749	780	797
-65°	368	402	433	464	493	524	555	586	615	638	652
-67.5°	303	329	354	378	403	428	452	476	498	515	529
-70°	246	266	286	305	326	346	364	381	398	411	421
-72.5°	198	215	231	249	266	281	294	307	319	326	331
-75°	160	174	188	203	217	228	237	247	256	256	255
-77.5°	129	141	153	164	175	182	188	194	200	197	191
-80°	95	105	115	124	134	138	141	143	145	141	135
-82.5°	63	69	76	82	88	91	93	95	96	92	87
-85°	35	38	41	44	47	49	51	52	54	51	48
-87.5°	15	15	16	17	17	18	19	19	20	20	20
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626860 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	12	12	12	12	12	12	12	12	12	12	12
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°	1	0	0	0	0	0	1	1	1	1	1
62.5°	4	4	4	4	4	4	4	4	3	4	4
60°	7	6	6	6	6	6	7	8	8	12	14
57.5°	56	48	49	54	49	48	56	60	61	70	71
55°	260	290	301	295	301	290	260	228	198	188	188
52.5°	352	365	370	369	370	365	352	336	315	294	274
50°	459	455	448	442	448	455	459	454	438	407	358
47.5°	766	752	747	757	747	752	766	757	698	622	565
45°	1017	1033	1045	1044	1045	1033	1017	1004	940	853	763
42.5°	1161	1169	1171	1168	1171	1169	1161	1146	1072	979	876
40°	1288	1298	1304	1309	1304	1298	1288	1269	1209	1122	1025
37.5°	1477	1480	1473	1468	1473	1480	1477	1465	1428	1317	1238
35°	1939	1948	1926	1949	1926	1948	1939	1891	1835	1769	1590
32.5°	2382	2426	2462	2491	2462	2426	2382	2336	2298	2171	1937
30°	2632	2661	2676	2680	2676	2661	2632	2597	2547	2384	2167
27.5°	2817	2847	2865	2879	2865	2847	2817	2784	2725	2559	2346
25°	2994	3022	3040	3048	3040	3022	2994	2961	2889	2748	2539
22.5°	3178	3197	3215	3224	3215	3197	3178	3140	3061	2949	2727
20°	3442	3432	3448	3443	3448	3432	3442	3383	3301	3184	2970
17.5°	3981	3986	3997	4015	3997	3986	3981	3902	3801	3696	3398
15°	4657	4671	4740	4802	4740	4671	4657	4581	4410	4258	3917
12.5°	4951	4998	5005	5023	5005	4998	4951	4844	4728	4534	4226
10°	5049	5131	5129	5149	5129	5131	5049	4956	4861	4696	4373
7.5°	5123	5211	5248	5264	5248	5211	5123	5060	4967	4807	4476
5°	5214	5262	5326	5308	5326	5262	5214	5135	5017	4847	4545
2.5°	5252	5328	5310	5328	5310	5328	5252	5145	5037	4900	4636
0°	5278	5332	5340	5358	5340	5332	5278	5171	5061	4928	4662
-2.5°	5247	5294	5378	5352	5378	5294	5247	5149	5044	4910	4670
-5°	5219	5337	5291	5348	5291	5337	5219	5115	5011	4866	4615
-7.5°	5205	5226	5257	5300	5257	5226	5205	5087	4973	4820	4566
-10°	5096	5118	5173	5204	5173	5118	5096	5042	4909	4747	4503
-12.5°	4978	5020	5078	5097	5078	5020	4978	4918	4823	4646	4404
-15°	4842	4904	4961	4973	4961	4904	4842	4771	4666	4522	4284
-17.5°	4669	4743	4803	4816	4803	4743	4669	4589	4486	4358	4164
-20°	4478	4549	4600	4615	4600	4549	4478	4395	4297	4174	3991

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CATALOG NUMBER: GFLD-SA2B-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4274	4338	4381	4374	4381	4338	4274	4191	4101	3989	3792
-25°	4057	4116	4157	4152	4157	4116	4057	3985	3896	3776	3600
-27.5°	3828	3884	3924	3925	3924	3884	3828	3759	3669	3548	3398
-30°	3587	3638	3670	3658	3670	3638	3587	3520	3436	3319	3161
-32.5°	3339	3385	3414	3423	3414	3385	3339	3280	3210	3103	2934
-35°	3094	3134	3160	3166	3160	3134	3094	3040	2972	2887	2720
-37.5°	2850	2885	2903	2895	2903	2885	2850	2801	2739	2666	2522
-40°	2610	2643	2663	2668	2663	2643	2610	2565	2507	2437	2321
-42.5°	2373	2401	2419	2427	2419	2401	2373	2335	2274	2195	2102
-45°	2144	2168	2185	2194	2185	2168	2144	2109	2050	1974	1887
-47.5°	1920	1942	1956	1963	1956	1942	1920	1890	1837	1762	1676
-50°	1707	1725	1739	1747	1739	1725	1707	1680	1636	1563	1481
-52.5°	1504	1521	1532	1538	1532	1521	1504	1481	1446	1376	1301
-55°	1311	1324	1335	1341	1335	1324	1311	1292	1266	1202	1133
-57.5°	1130	1141	1151	1158	1151	1141	1130	1114	1093	1039	978
-60°	961	972	980	986	980	972	961	947	930	888	839
-62.5°	809	818	826	831	826	818	809	797	780	749	709
-65°	663	671	677	681	677	671	663	652	638	615	586
-67.5°	540	549	551	550	551	549	540	529	515	498	476
-70°	430	438	440	440	440	438	430	421	411	398	381
-72.5°	336	341	337	331	337	341	336	331	326	319	307
-75°	252	250	246	241	246	250	252	255	256	256	247
-77.5°	185	178	174	169	174	178	185	191	197	200	194
-80°	129	122	117	112	117	122	129	135	141	145	143
-82.5°	82	76	73	70	73	76	82	87	92	96	95
-85°	45	42	40	38	40	42	45	48	51	54	52
-87.5°	20	20	19	18	19	20	20	20	20	20	19
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626860 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	11	11	10	10	9	9	8	8	7	7	6
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	1	1	1	1	1	1	1	1
65°	1	1	0	1	1	2	2	2	2	2	2
62.5°	4	4	4	3	3	3	3	3	3	2	3
60°	12	7	11	11	9	8	12	11	6	5	5
57.5°	58	49	54	49	33	29	30	29	26	16	7
55°	201	172	135	117	113	86	64	53	48	35	23
52.5°	255	237	209	171	150	142	122	97	77	62	44
50°	320	325	296	243	222	199	179	151	125	100	74
47.5°	522	486	457	417	342	294	262	216	181	151	119
45°	695	655	626	565	485	410	360	303	241	201	171
42.5°	819	766	720	670	593	509	441	383	319	254	215
40°	940	856	810	765	693	599	545	461	394	322	268
37.5°	1120	977	961	918	836	738	678	595	470	402	341
35°	1425	1278	1193	1150	1044	919	821	743	619	485	414
32.5°	1760	1574	1445	1385	1271	1102	980	882	757	605	492
30°	1950	1780	1625	1521	1411	1265	1126	987	851	726	575
27.5°	2126	1915	1747	1630	1527	1387	1233	1083	935	811	677
25°	2294	2060	1877	1740	1620	1509	1334	1172	1016	879	775
22.5°	2451	2233	2023	1843	1742	1622	1451	1253	1102	986	863
20°	2708	2465	2199	2044	1949	1765	1570	1375	1236	1104	959
17.5°	3133	2829	2512	2345	2211	1985	1737	1544	1370	1223	1063
15°	3598	3207	2892	2677	2465	2200	1913	1705	1507	1342	1159
12.5°	3828	3456	3177	2874	2600	2361	2089	1859	1634	1419	1218
10°	3966	3596	3280	2978	2703	2473	2220	1947	1698	1470	1268
7.5°	4072	3691	3355	3054	2776	2533	2291	2005	1749	1512	1307
5°	4146	3765	3425	3121	2827	2576	2344	2049	1787	1543	1338
2.5°	4222	3823	3469	3163	2860	2603	2376	2082	1818	1566	1363
0°	4252	3856	3499	3186	2879	2614	2385	2104	1839	1580	1379
-2.5°	4271	3867	3511	3201	2903	2631	2395	2129	1846	1595	1384
-5°	4242	3855	3501	3189	2904	2632	2388	2132	1844	1599	1380
-7.5°	4206	3821	3463	3156	2883	2614	2367	2116	1838	1592	1373
-10°	4146	3766	3426	3123	2846	2576	2335	2086	1817	1574	1357
-12.5°	4066	3698	3362	3062	2796	2536	2300	2044	1782	1544	1332
-15°	3960	3608	3282	2990	2733	2484	2249	1998	1748	1506	1298
-17.5°	3844	3490	3169	2894	2650	2414	2183	1949	1709	1471	1266
-20°	3712	3365	3047	2780	2550	2326	2113	1895	1654	1431	1234

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REPORT NUMBER: P626860 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3523	3216	2924	2663	2443	2238	2032	1822	1583	1380	1189
-25°	3335	3050	2788	2548	2335	2140	1940	1732	1520	1321	1135
-27.5°	3152	2888	2627	2410	2220	2030	1842	1644	1449	1254	1083
-30°	2954	2707	2471	2269	2088	1912	1743	1559	1367	1182	1028
-32.5°	2737	2520	2312	2121	1952	1797	1636	1461	1272	1114	964
-35°	2526	2325	2146	1978	1825	1682	1527	1352	1185	1037	892
-37.5°	2337	2142	1976	1831	1703	1568	1413	1257	1101	951	825
-40°	2141	1959	1812	1694	1572	1450	1314	1169	1015	869	759
-42.5°	1952	1805	1660	1542	1432	1332	1217	1071	930	803	698
-45°	1766	1633	1500	1393	1301	1208	1105	973	845	736	637
-47.5°	1576	1464	1353	1253	1171	1080	981	869	765	666	578
-50°	1393	1302	1212	1126	1043	954	866	775	682	596	517
-52.5°	1221	1145	1070	994	921	844	762	682	600	528	457
-55°	1059	994	934	873	812	742	669	596	531	465	407
-57.5°	915	858	811	761	709	648	584	523	469	415	361
-60°	788	739	698	655	609	557	507	459	412	367	321
-62.5°	669	629	592	555	518	479	436	397	361	323	281
-65°	555	524	493	464	433	402	368	337	307	277	240
-67.5°	452	428	403	378	354	329	303	277	253	228	199
-70°	364	346	326	305	286	266	246	225	203	183	163
-72.5°	294	281	266	249	231	215	198	182	165	148	130
-75°	237	228	217	203	188	174	160	146	130	114	97
-77.5°	188	182	175	164	153	141	129	114	98	83	69
-80°	141	138	134	124	115	105	95	81	68	56	46
-82.5°	93	91	88	82	76	69	63	54	45	36	29
-85°	51	49	47	44	41	38	35	30	25	21	17
-87.5°	19	18	17	17	16	15	15	13	12	10	9
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626860 (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°	6	6	6	6	6	6	6	6	6	5	5
87.5°	0	0	0	0	0	0	0	0	0	1	1
85°	0	0	0	0	0	0	0	0	0	0	1
82.5°	0	0	0	0	0	1	1	1	0	0	0
80°	0	0	0	0	0	1	1	1	1	1	0
77.5°	0	0	0	0	0	1	1	2	2	1	1
75°	0	0	0	0	0	0	0	1	2	2	2
72.5°	0	0	0	0	1	1	0	0	1	2	2
70°	0	0	0	0	1	1	1	1	1	1	2
67.5°	1	1	1	1	1	1	2	2	2	1	2
65°	2	2	2	2	1	1	2	2	2	2	2
62.5°	3	3	3	3	3	2	2	3	3	3	2
60°	4	5	4	4	4	3	3	3	3	3	3
57.5°	6	6	6	5	5	4	4	4	4	4	3
55°	11	8	8	7	6	5	5	5	5	5	4
52.5°	28	15	10	9	8	7	6	6	6	5	5
50°	51	33	19	12	10	9	7	7	6	6	5
47.5°	82	57	37	19	13	11	9	8	7	7	6
45°	127	84	59	37	17	15	11	9	8	7	6
42.5°	177	124	82	56	33	21	13	10	9	8	7
40°	225	171	110	77	50	28	19	13	10	9	8
37.5°	279	221	155	100	67	42	26	15	11	10	8
35°	346	277	199	133	89	56	34	19	14	11	9
32.5°	412	332	247	171	112	68	44	27	17	12	10
30°	479	383	292	207	138	88	55	34	20	13	11
27.5°	540	431	334	244	169	109	67	42	24	14	11
25°	608	483	375	280	197	131	78	49	29	17	12
22.5°	696	536	414	312	225	152	94	59	35	20	13
20°	783	588	452	352	255	175	111	68	41	23	14
17.5°	868	655	506	394	288	197	127	78	46	27	15
15°	945	731	560	433	319	218	143	87	51	30	16
12.5°	1010	797	611	469	350	236	156	96	56	33	17
10°	1063	853	658	503	379	253	169	104	62	37	18
7.5°	1105	898	701	534	405	269	182	114	67	41	20
5°	1137	934	734	556	426	283	195	122	72	44	21
2.5°	1158	961	758	573	443	295	206	130	76	47	23
0°	1170	980	777	586	456	305	215	136	80	50	24
-2.5°	1181	992	793	609	465	321	221	142	87	52	27
-5°	1185	997	804	627	470	334	225	147	92	54	29
-7.5°	1179	994	807	637	472	344	227	151	97	55	31
-10°	1165	983	803	634	476	346	229	154	100	56	32
-12.5°	1145	967	792	627	475	345	232	156	102	57	34
-15°	1119	946	776	617	470	340	233	157	102	58	34
-17.5°	1088	920	754	605	458	334	231	156	100	60	35
-20°	1057	892	729	590	442	326	226	153	99	61	36

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CATALOG NUMBER: GFLD-SA2B-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1020	859	706	569	424	316	217	148	96	61	36
-25°	978	820	680	540	409	305	208	141	93	61	36
-27.5°	931	779	648	509	394	290	199	136	90	60	35
-30°	878	741	611	479	376	273	188	131	88	59	34
-32.5°	821	697	571	455	355	256	178	124	86	58	35
-35°	768	650	529	429	333	246	172	117	83	56	35
-37.5°	711	600	497	401	310	234	166	114	79	53	35
-40°	656	553	459	375	293	221	158	110	75	50	34
-42.5°	600	509	423	346	277	208	147	105	72	48	33
-45°	549	463	385	321	259	191	138	98	68	47	33
-47.5°	495	417	350	293	236	173	128	92	64	45	32
-50°	439	372	317	263	207	159	116	86	62	44	31
-52.5°	391	334	283	232	185	141	108	79	60	43	30
-55°	349	297	250	207	165	128	98	76	57	41	29
-57.5°	312	263	223	184	148	116	91	72	54	39	28
-60°	276	236	198	164	132	105	86	67	51	37	26
-62.5°	242	207	175	143	117	97	80	62	47	34	25
-65°	208	177	150	125	104	87	72	56	42	30	22
-67.5°	171	149	128	107	90	75	63	48	35	26	19
-70°	143	123	105	89	75	63	51	39	29	22	17
-72.5°	114	98	83	70	60	50	39	30	24	18	14
-75°	84	73	64	55	46	37	30	24	19	14	11
-77.5°	61	53	46	40	34	28	23	17	14	12	10
-80°	41	37	33	29	24	20	16	13	11	9	8
-82.5°	26	24	22	20	17	14	12	10	9	7	6
-85°	15	14	13	12	10	9	8	8	7	6	6
-87.5°	9	9	8	8	8	7	7	7	6	6	5
-90°	0	0	0	0	0	0	0	0	0	1	1

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REPORT NUMBER: P626860 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	4	4	3	2	2	2	2
87.5°	1	2	2	2	2	2	2
85°	1	1	2	2	2	2	2
82.5°	0	1	1	2	2	2	2
80°	0	1	1	2	2	2	2
77.5°	1	1	1	2	2	2	2
75°	1	1	1	2	2	2	2
72.5°	2	1	1	2	2	2	2
70°	2	2	1	2	2	2	2
67.5°	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2
57.5°	3	3	2	2	2	2	2
55°	3	3	2	2	2	2	2
52.5°	4	3	3	2	2	2	2
50°	4	3	3	2	2	2	2
47.5°	5	4	3	2	2	2	2
45°	5	4	3	2	2	2	2
42.5°	6	5	4	2	2	2	2
40°	6	5	4	3	2	2	2
37.5°	7	5	4	3	2	2	2
35°	7	6	4	3	3	2	2
32.5°	8	6	5	3	3	2	2
30°	8	6	5	4	3	2	2
27.5°	9	7	5	4	3	2	2
25°	9	7	6	4	3	2	2
22.5°	10	7	6	4	3	2	2
20°	10	8	6	5	3	2	2
17.5°	11	8	6	5	3	2	2
15°	12	8	7	5	3	2	2
12.5°	12	9	7	5	3	2	2
10°	13	9	7	5	4	2	2
7.5°	13	9	7	6	4	2	2
5°	13	10	8	6	4	2	2
2.5°	14	10	8	6	4	2	2
0°	14	10	8	6	4	2	2
-2.5°	15	10	8	6	4	2	2
-5°	16	10	8	6	4	2	2
-7.5°	16	11	8	6	4	2	2
-10°	17	11	9	6	4	2	2
-12.5°	17	11	9	6	4	2	2
-15°	17	11	9	6	4	2	2
-17.5°	17	11	9	6	4	2	2
-20°	18	11	9	6	4	2	2

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CATALOG NUMBER: GFLD-SA2B-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	19	11	8	6	4	2	2
-25°	20	12	8	5	4	2	2
-27.5°	21	13	8	5	4	2	2
-30°	21	14	8	5	3	2	2
-32.5°	21	14	8	5	3	2	2
-35°	22	15	8	5	3	2	2
-37.5°	23	15	9	5	3	2	2
-40°	23	15	9	5	3	2	2
-42.5°	23	15	9	4	3	2	2
-45°	23	15	9	5	3	2	2
-47.5°	23	15	9	4	3	2	2
-50°	22	15	9	4	3	2	2
-52.5°	22	14	8	4	2	2	2
-55°	21	14	8	4	2	2	2
-57.5°	20	13	7	4	2	2	2
-60°	19	12	7	4	2	2	2
-62.5°	17	11	7	4	2	2	2
-65°	16	10	6	3	2	2	2
-67.5°	14	9	6	3	2	2	2
-70°	12	8	5	3	2	2	2
-72.5°	10	7	5	3	2	2	2
-75°	9	6	4	3	2	2	2
-77.5°	8	5	4	3	2	2	2
-80°	6	5	4	3	2	2	2
-82.5°	6	4	3	3	2	2	2
-85°	5	4	3	3	2	2	2
-87.5°	5	4	3	3	2	2	2
-90°	2	2	2	2	2	2	2

(END OF REPORT)