

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: P626870 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-740-U-VWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626870 (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-740-U-VWR-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
Light Source: (32) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

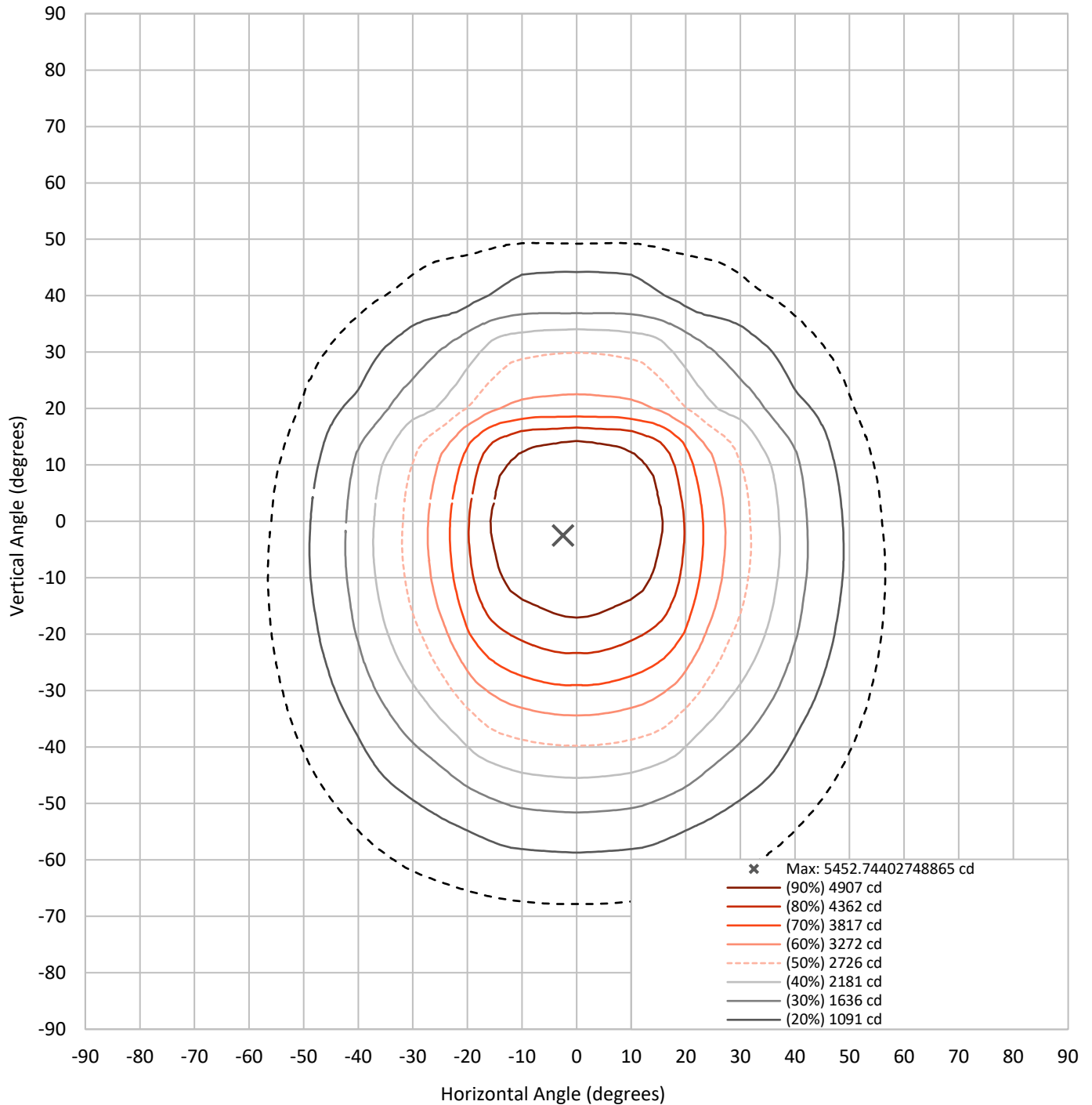
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	7276.9 lumens	Max Intensity:	5452.7 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	114.4 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:	4210.2 lumens	Field Lumens:	6905.3 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: P626870 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2B-740-U-VWR-VSR-XX

Iso-Candela Plot





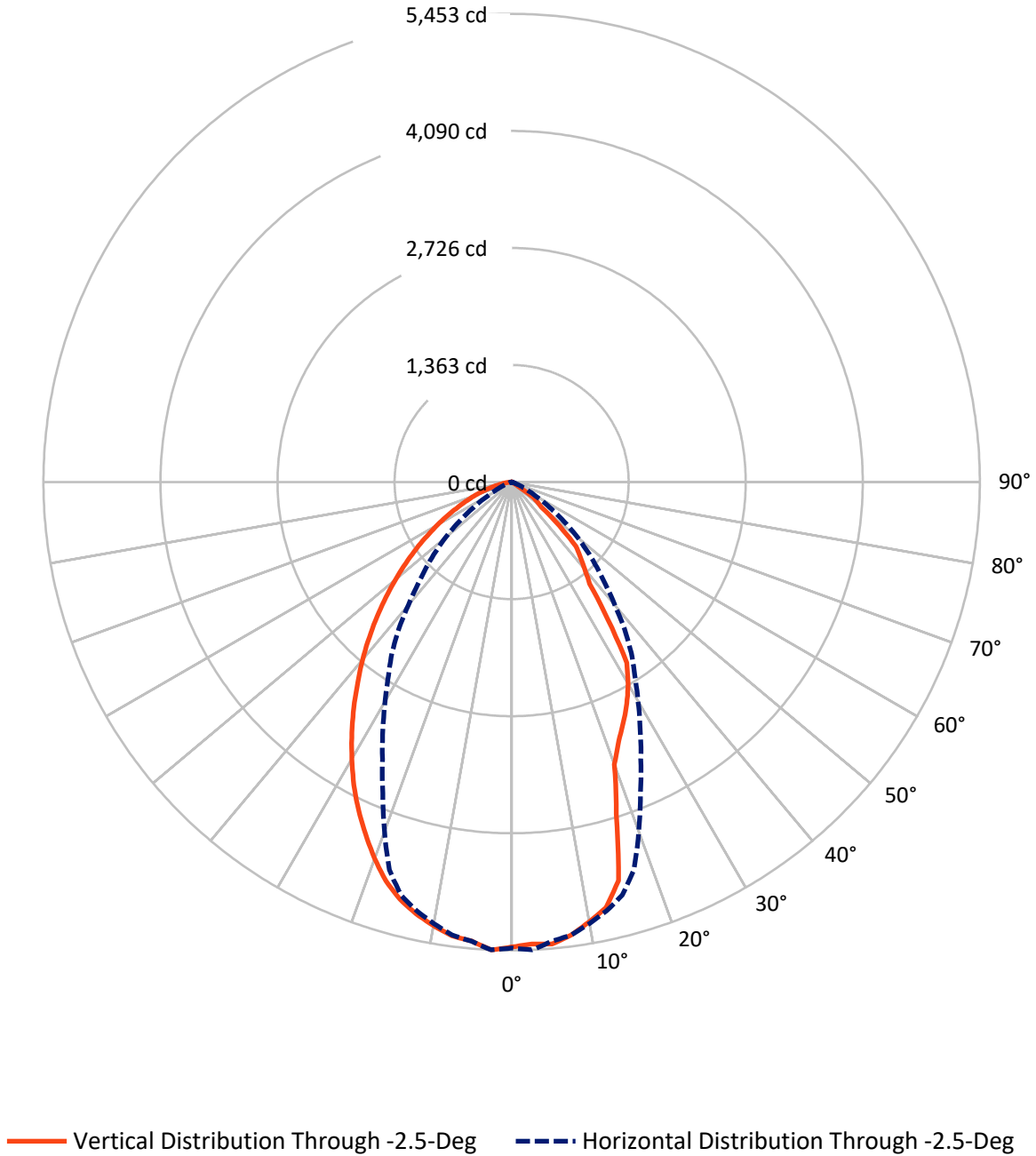
REPORT NUMBER: P626870 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

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	5.7	7.1	7.1	5.7	3.8	2.0	0.7	0.1					0.1
40	0.1	0.1	0.8	3.7	9.0	16.2	24.0	29.4	29.4	24.0	16.2	9.0	3.7	0.8	0.1	0.1			
30		0.4	2.7	9.5	21.1	34.2	51.3	59.9	59.9	51.3	34.2	21.1	9.5	2.7	0.4				
20	0.2	0.8	5.2	16.7	34.0	53.9	80.8	92.9	92.9	80.8	53.9	34.0	16.7	5.2	0.8	0.2			
10		1.4	8.0	24.8	49.0	80.6	119.9	137.6	137.6	119.9	80.6	49.0	24.8	8.0	1.4				
0	0.4	1.9	10.4	29.4	58.6	96.3	141.6	160.7	160.7	141.6	96.3	58.6	29.4	10.4	1.9	0.4			
-10		2.2	11.5	30.6	60.1	98.5	142.7	161.3	161.3	142.7	98.5	60.1	30.6	11.5	2.2				
-20	0.5	2.3	11.2	28.9	56.7	92.2	132.4	149.6	149.6	132.4	92.2	56.7	28.9	11.2	2.3	0.5			
-30		2.1	9.8	25.2	49.0	78.4	111.0	125.7	125.7	111.0	78.4	49.0	25.2	9.8	2.1				
-40	0.5	1.8	7.8	19.8	38.5	60.5	84.8	96.0	96.0	84.8	60.5	38.5	19.8	7.8	1.8	0.5			
-50		1.4	5.8	14.2	27.6	42.5	58.7	66.6	66.6	58.7	42.5	27.6	14.2	5.8	1.4				
-60	0.3	1.1	3.8	9.1	17.2	26.4	35.9	40.9	40.9	35.9	26.4	17.2	9.1	3.8	1.1	0.3			
-70		0.8	2.3	5.3	9.4	14.0	18.5	21.0	21.0	18.5	14.0	9.4	5.3	2.3	0.8				
-80	0.1	1.7	7.8	17.1	19.1	17.1	7.8	1.7	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

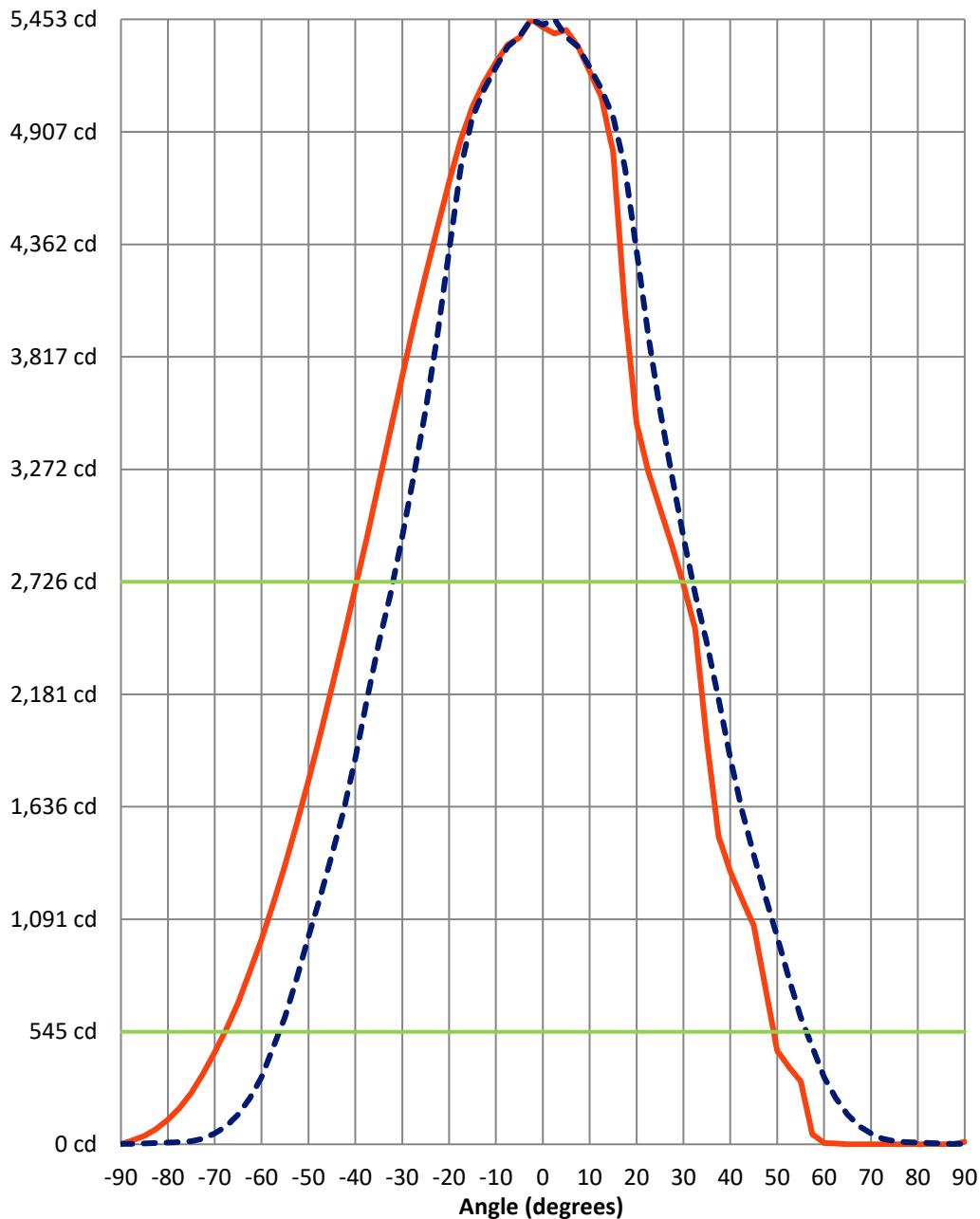
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 4210.2
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 6905.3
 Efficiency: 94.9%

Spill:
 Lumens: 371.6
 Efficiency: 5.1%

— Vertical Distribution through -2.5-Deg
 - - - Horizontal Distribution through -2.5-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°	2	2	2	3	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	4	3
57.5°	2	2	2	2	2	3	3	4	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	4	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	11
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	35
27.5°	2	2	3	4	5	7	9	12	14	24	42
25°	2	2	3	4	6	7	9	12	17	30	50
22.5°	2	2	3	4	6	7	10	13	20	36	59
20°	2	2	3	5	6	8	11	14	24	42	69
17.5°	2	2	3	5	7	8	11	15	27	47	79
15°	2	2	3	5	7	8	12	16	30	52	88
12.5°	2	2	4	5	7	9	12	17	34	57	97
10°	2	2	4	5	7	9	13	19	38	62	106
7.5°	2	2	4	6	8	9	13	20	41	68	115
5°	2	2	4	6	8	10	14	22	45	73	124
2.5°	2	2	4	6	8	10	14	23	48	77	132
0°	2	2	4	6	8	10	14	24	51	81	138
-2.5°	2	2	4	6	8	10	15	27	53	88	144
-5°	2	2	4	6	8	11	16	29	55	93	149
-7.5°	2	2	4	6	9	11	16	31	56	98	153
-10°	2	2	4	6	9	11	17	33	57	101	156
-12.5°	2	2	4	6	9	11	17	34	57	103	158
-15°	2	2	4	6	9	11	18	35	59	103	159
-17.5°	2	2	4	6	9	11	18	36	60	102	158
-20°	2	2	4	6	9	11	18	36	61	100	155

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CATALOG NUMBER: GFLD-SA2B-740-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	9	11	19	37	62	97	150
-25°	2	2	4	6	8	12	20	36	62	94	143
-27.5°	2	2	4	5	8	13	21	36	61	91	138
-30°	2	2	4	5	8	14	21	35	60	90	132
-32.5°	2	2	3	5	8	15	22	35	58	87	126
-35°	2	2	3	5	9	15	22	35	56	84	119
-37.5°	2	2	3	5	9	15	23	35	54	80	115
-40°	2	2	3	5	9	16	23	35	51	76	112
-42.5°	2	2	3	5	9	16	23	34	49	73	106
-45°	2	2	3	5	9	15	23	33	47	69	99
-47.5°	2	2	3	5	9	15	23	33	46	65	94
-50°	2	2	3	5	9	15	22	32	44	63	87
-52.5°	2	2	2	4	8	14	22	31	43	61	80
-55°	2	2	2	4	8	14	21	29	42	58	77
-57.5°	2	2	2	4	8	13	20	28	40	55	73
-60°	2	2	2	4	7	12	19	27	37	52	68
-62.5°	2	2	2	4	7	11	17	25	34	48	63
-65°	2	2	2	3	6	10	16	23	31	42	57
-67.5°	2	2	2	3	6	9	14	20	26	36	49
-70°	2	2	2	3	5	8	12	17	22	29	40
-72.5°	2	2	2	3	5	7	10	14	18	24	30
-75°	2	2	2	3	4	6	9	12	14	19	24
-77.5°	2	2	2	3	4	5	8	10	12	14	18
-80°	2	2	2	3	4	5	6	8	10	12	14
-82.5°	2	2	2	3	4	5	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: P626870 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-740-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	2	2	2	2	2	2	2	2	2
62.5°	2	2	3	3	3	4	4	3	2	3	3
60°	3	3	4	4	5	5	5	5	5	6	11
57.5°	4	4	5	6	6	6	6	7	16	26	29
55°	5	5	6	7	8	8	11	24	36	49	54
52.5°	6	7	8	9	10	16	28	45	63	79	99
50°	7	9	10	12	19	34	52	75	102	127	153
47.5°	9	11	13	19	38	58	84	120	153	184	219
45°	11	15	18	38	59	86	129	174	204	244	307
42.5°	13	21	34	57	83	126	179	218	257	323	389
40°	19	28	51	78	112	174	229	272	326	399	468
37.5°	26	43	68	101	157	224	283	345	408	477	604
35°	34	56	90	135	202	281	351	420	492	628	754
32.5°	45	69	113	174	250	337	418	498	614	767	894
30°	56	89	140	210	296	388	486	583	736	863	1000
27.5°	68	110	171	247	339	437	547	686	822	948	1099
25°	79	133	200	284	381	490	616	785	892	1030	1188
22.5°	95	154	228	316	420	544	705	875	1000	1117	1271
20°	113	178	259	357	458	596	794	972	1119	1253	1394
17.5°	129	200	292	399	513	664	881	1078	1240	1389	1565
15°	145	221	324	439	568	741	958	1175	1360	1528	1728
12.5°	159	240	355	476	619	808	1024	1235	1439	1657	1884
10°	171	257	384	510	667	864	1078	1285	1491	1722	1974
7.5°	185	273	411	541	711	911	1121	1326	1533	1773	2033
5°	197	287	432	563	744	947	1153	1356	1564	1812	2077
2.5°	208	299	449	581	769	974	1174	1382	1588	1843	2111
0°	218	309	462	594	788	993	1187	1398	1602	1864	2133
-2.5°	224	326	471	618	804	1006	1198	1403	1617	1871	2158
-5°	228	339	477	636	815	1011	1201	1399	1621	1870	2162
-7.5°	230	348	479	646	819	1008	1195	1393	1614	1863	2146
-10°	232	351	483	643	814	997	1181	1376	1596	1842	2115
-12.5°	236	349	482	636	803	981	1161	1351	1565	1807	2073
-15°	237	345	476	626	787	959	1134	1316	1527	1772	2026
-17.5°	235	339	465	613	765	933	1103	1284	1492	1732	1976
-20°	229	331	448	598	739	904	1071	1251	1451	1677	1921

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CATALOG NUMBER: GFLD-SA2B-740-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°	220	321	429	577	716	871	1034	1206	1399	1605	1847
-25°	211	309	415	548	689	832	992	1150	1339	1541	1756
-27.5°	202	294	400	516	657	790	944	1099	1271	1469	1667
-30°	191	277	381	485	619	751	890	1043	1198	1386	1580
-32.5°	181	259	360	462	579	707	833	978	1129	1290	1482
-35°	174	249	338	435	537	659	779	905	1051	1202	1370
-37.5°	168	237	315	407	504	608	721	837	965	1116	1275
-40°	160	224	297	380	466	561	665	770	881	1029	1185
-42.5°	149	211	281	351	429	516	608	707	814	943	1086
-45°	140	194	263	325	390	470	556	646	747	857	986
-47.5°	130	176	239	297	355	422	502	587	676	775	881
-50°	118	161	210	267	321	378	445	524	605	691	786
-52.5°	109	143	188	235	287	338	396	463	536	608	691
-55°	99	130	167	210	254	301	354	412	471	538	604
-57.5°	93	118	150	187	226	266	316	366	420	475	530
-60°	87	107	133	166	201	239	280	325	372	417	465
-62.5°	81	98	119	145	177	210	246	285	328	366	402
-65°	73	88	106	127	152	180	210	244	280	311	341
-67.5°	64	76	91	109	130	151	174	202	232	257	281
-70°	52	64	76	90	107	125	145	165	185	206	228
-72.5°	40	50	61	71	84	99	115	132	150	167	185
-75°	30	37	46	55	65	74	85	99	115	132	148
-77.5°	23	29	35	41	47	54	62	70	84	100	115
-80°	17	20	25	30	34	38	42	46	56	69	83
-82.5°	12	15	17	20	22	24	26	29	37	45	54
-85°	8	9	11	12	13	15	16	17	21	26	30
-87.5°	7	8	8	8	9	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	12	11	7	12	14	12	8	8
57.5°	31	29	34	49	54	49	59	72	71	61	61
55°	65	87	114	118	137	174	204	191	191	200	231
52.5°	123	144	152	173	212	240	259	277	298	319	340
50°	181	202	225	246	300	329	324	363	413	444	460
47.5°	266	298	347	423	464	493	529	573	630	708	767
45°	365	416	491	573	635	664	705	774	865	953	1018
42.5°	447	516	601	679	730	777	830	888	992	1087	1162
40°	553	607	703	776	821	868	953	1039	1137	1226	1287
37.5°	688	748	848	931	975	991	1136	1256	1336	1448	1485
35°	832	932	1059	1166	1209	1295	1444	1612	1794	1861	1918
32.5°	994	1117	1289	1404	1466	1596	1785	1964	2201	2330	2369
30°	1141	1283	1430	1542	1648	1805	1977	2197	2417	2582	2633
27.5°	1250	1406	1548	1653	1772	1941	2156	2379	2595	2763	2823
25°	1353	1530	1642	1764	1904	2088	2326	2574	2787	2929	3002
22.5°	1471	1645	1766	1869	2051	2264	2485	2765	2990	3104	3183
20°	1592	1789	1976	2072	2230	2499	2746	3011	3228	3346	3430
17.5°	1761	2013	2242	2378	2546	2869	3177	3445	3747	3854	3956
15°	1940	2231	2499	2715	2933	3252	3649	3972	4317	4471	4645
12.5°	2118	2393	2636	2914	3222	3504	3882	4284	4597	4794	4911
10°	2251	2507	2741	3019	3326	3646	4021	4434	4761	4929	5025
7.5°	2323	2568	2814	3097	3402	3742	4129	4538	4874	5036	5131
5°	2376	2611	2867	3164	3473	3818	4204	4609	4914	5087	5206
2.5°	2409	2639	2900	3208	3517	3876	4281	4701	4968	5107	5217
0°	2418	2650	2919	3230	3548	3910	4311	4726	4997	5131	5243
-2.5°	2429	2668	2944	3245	3560	3921	4331	4735	4979	5114	5221
-5°	2421	2669	2944	3233	3550	3908	4301	4679	4934	5081	5187
-7.5°	2399	2651	2923	3200	3511	3874	4265	4629	4887	5042	5158
-10°	2368	2611	2886	3167	3474	3819	4204	4566	4813	4977	5112
-12.5°	2332	2571	2835	3105	3409	3749	4123	4465	4711	4890	4986
-15°	2280	2518	2771	3032	3328	3659	4015	4344	4585	4731	4837
-17.5°	2213	2447	2687	2934	3213	3539	3897	4222	4418	4548	4653
-20°	2142	2358	2585	2819	3089	3412	3764	4047	4232	4357	4456



REPORT NUMBER: P626870 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-740-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°	2060	2269	2477	2700	2965	3261	3572	3845	4044	4158	4250
-25°	1967	2170	2368	2583	2827	3092	3382	3650	3829	3950	4040
-27.5°	1867	2058	2251	2444	2663	2928	3196	3445	3598	3720	3811
-30°	1767	1939	2117	2300	2506	2744	2995	3205	3366	3484	3569
-32.5°	1659	1822	1979	2151	2344	2555	2775	2974	3146	3254	3326
-35°	1548	1705	1850	2005	2176	2358	2561	2758	2927	3013	3083
-37.5°	1432	1589	1726	1856	2003	2171	2369	2557	2704	2777	2840
-40°	1332	1470	1593	1718	1837	1987	2171	2353	2470	2542	2601
-42.5°	1234	1351	1452	1563	1683	1830	1979	2132	2226	2306	2367
-45°	1121	1225	1320	1412	1521	1656	1791	1913	2002	2079	2138
-47.5°	995	1096	1188	1270	1372	1484	1598	1699	1787	1863	1916
-50°	878	968	1057	1141	1229	1320	1412	1502	1584	1658	1704
-52.5°	773	856	934	1008	1084	1161	1238	1319	1396	1466	1502
-55°	678	753	824	885	947	1008	1073	1149	1219	1284	1310
-57.5°	593	657	719	772	822	870	928	992	1053	1109	1130
-60°	514	565	617	664	708	749	799	851	900	942	961
-62.5°	442	486	525	563	600	637	678	719	759	791	808
-65°	373	407	439	470	500	531	563	594	624	647	661
-67.5°	307	334	359	383	408	434	458	482	504	522	536
-70°	249	270	290	310	331	350	369	387	403	416	427
-72.5°	201	218	235	253	270	284	298	311	323	331	336
-75°	162	176	191	205	220	231	241	250	259	260	258
-77.5°	131	143	155	166	178	185	191	197	203	199	194
-80°	96	106	116	126	136	140	143	145	147	143	137
-82.5°	64	70	77	83	90	92	94	96	97	93	88
-85°	36	39	42	45	48	50	52	53	54	52	49
-87.5°	15	16	16	17	18	18	19	19	20	20	20
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626870 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-740-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	50	55	50	48	56	61	61	71	72
55°	264	294	305	299	305	294	264	231	200	191	191
52.5°	357	370	375	375	375	370	357	340	319	298	277
50°	465	461	454	448	454	461	465	460	444	413	363
47.5°	776	763	757	767	757	763	776	767	708	630	573
45°	1032	1047	1059	1058	1059	1047	1032	1018	953	865	774
42.5°	1177	1185	1188	1185	1188	1185	1177	1162	1087	992	888
40°	1306	1316	1322	1327	1322	1316	1306	1287	1226	1137	1039
37.5°	1497	1501	1493	1488	1493	1501	1497	1485	1448	1336	1256
35°	1966	1975	1953	1976	1953	1975	1966	1918	1861	1794	1612
32.5°	2415	2460	2496	2526	2496	2460	2415	2369	2330	2201	1964
30°	2669	2698	2714	2717	2714	2698	2669	2633	2582	2417	2197
27.5°	2856	2886	2905	2919	2905	2886	2856	2823	2763	2595	2379
25°	3036	3064	3082	3090	3082	3064	3036	3002	2929	2787	2574
22.5°	3223	3242	3260	3269	3260	3242	3223	3183	3104	2990	2765
20°	3490	3480	3496	3491	3496	3480	3490	3430	3346	3228	3011
17.5°	4036	4042	4053	4071	4053	4042	4036	3956	3854	3747	3445
15°	4722	4736	4806	4869	4806	4736	4722	4645	4471	4317	3972
12.5°	5020	5068	5075	5093	5075	5068	5020	4911	4794	4597	4284
10°	5119	5202	5200	5221	5200	5202	5119	5025	4929	4761	4434
7.5°	5195	5283	5321	5337	5321	5283	5195	5131	5036	4874	4538
5°	5287	5335	5400	5382	5400	5335	5287	5206	5087	4914	4609
2.5°	5325	5402	5384	5402	5384	5402	5325	5217	5107	4968	4701
0°	5351	5406	5414	5433	5414	5406	5351	5243	5131	4997	4726
-2.5°	5320	5368	5453	5427	5453	5368	5320	5221	5114	4979	4735
-5°	5292	5411	5365	5423	5365	5411	5292	5187	5081	4934	4679
-7.5°	5278	5299	5330	5374	5330	5299	5278	5158	5042	4887	4629
-10°	5167	5189	5245	5276	5245	5189	5167	5112	4977	4813	4566
-12.5°	5047	5090	5149	5168	5149	5090	5047	4986	4890	4711	4465
-15°	4909	4972	5030	5042	5030	4972	4909	4837	4731	4585	4344
-17.5°	4734	4809	4870	4883	4870	4809	4734	4653	4548	4418	4222
-20°	4541	4612	4664	4680	4664	4612	4541	4456	4357	4232	4047

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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°	4333	4398	4442	4435	4442	4398	4333	4250	4158	4044	3845
-25°	4114	4174	4215	4209	4215	4174	4114	4040	3950	3829	3650
-27.5°	3881	3938	3978	3979	3978	3938	3881	3811	3720	3598	3445
-30°	3637	3689	3721	3709	3721	3689	3637	3569	3484	3366	3205
-32.5°	3385	3432	3462	3471	3462	3432	3385	3326	3254	3146	2974
-35°	3137	3178	3204	3210	3204	3178	3137	3083	3013	2927	2758
-37.5°	2890	2925	2943	2935	2943	2925	2890	2840	2777	2704	2557
-40°	2646	2680	2700	2705	2700	2680	2646	2601	2542	2470	2353
-42.5°	2406	2434	2452	2461	2452	2434	2406	2367	2306	2226	2132
-45°	2173	2198	2215	2225	2215	2198	2173	2138	2079	2002	1913
-47.5°	1947	1969	1984	1991	1984	1969	1947	1916	1863	1787	1699
-50°	1730	1749	1763	1771	1763	1749	1730	1704	1658	1584	1502
-52.5°	1525	1542	1553	1559	1553	1542	1525	1502	1466	1396	1319
-55°	1329	1342	1353	1360	1353	1342	1329	1310	1284	1219	1149
-57.5°	1146	1157	1167	1174	1167	1157	1146	1130	1109	1053	992
-60°	975	985	994	999	994	985	975	961	942	900	851
-62.5°	820	830	838	843	838	830	820	808	791	759	719
-65°	672	681	686	690	686	681	672	661	647	624	594
-67.5°	547	557	559	558	559	557	547	536	522	504	482
-70°	436	444	446	446	446	444	436	427	416	403	387
-72.5°	341	345	342	336	342	345	341	336	331	323	311
-75°	256	253	249	244	249	253	256	258	260	259	250
-77.5°	187	180	176	171	176	180	187	194	199	203	197
-80°	130	124	119	114	119	124	130	137	143	147	145
-82.5°	83	77	74	71	74	77	83	88	93	97	96
-85°	46	43	41	39	41	43	46	49	52	54	53
-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: P626870 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	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	12	9	8	12	11	6	5	5
57.5°	59	49	54	49	34	29	31	29	26	16	7
55°	204	174	137	118	114	87	65	54	49	36	24
52.5°	259	240	212	173	152	144	123	99	79	63	45
50°	324	329	300	246	225	202	181	153	127	102	75
47.5°	529	493	464	423	347	298	266	219	184	153	120
45°	705	664	635	573	491	416	365	307	244	204	174
42.5°	830	777	730	679	601	516	447	389	323	257	218
40°	953	868	821	776	703	607	553	468	399	326	272
37.5°	1136	991	975	931	848	748	688	604	477	408	345
35°	1444	1295	1209	1166	1059	932	832	754	628	492	420
32.5°	1785	1596	1466	1404	1289	1117	994	894	767	614	498
30°	1977	1805	1648	1542	1430	1283	1141	1000	863	736	583
27.5°	2156	1941	1772	1653	1548	1406	1250	1099	948	822	686
25°	2326	2088	1904	1764	1642	1530	1353	1188	1030	892	785
22.5°	2485	2264	2051	1869	1766	1645	1471	1271	1117	1000	875
20°	2746	2499	2230	2072	1976	1789	1592	1394	1253	1119	972
17.5°	3177	2869	2546	2378	2242	2013	1761	1565	1389	1240	1078
15°	3649	3252	2933	2715	2499	2231	1940	1728	1528	1360	1175
12.5°	3882	3504	3222	2914	2636	2393	2118	1884	1657	1439	1235
10°	4021	3646	3326	3019	2741	2507	2251	1974	1722	1491	1285
7.5°	4129	3742	3402	3097	2814	2568	2323	2033	1773	1533	1326
5°	4204	3818	3473	3164	2867	2611	2376	2077	1812	1564	1356
2.5°	4281	3876	3517	3208	2900	2639	2409	2111	1843	1588	1382
0°	4311	3910	3548	3230	2919	2650	2418	2133	1864	1602	1398
-2.5°	4331	3921	3560	3245	2944	2668	2429	2158	1871	1617	1403
-5°	4301	3908	3550	3233	2944	2669	2421	2162	1870	1621	1399
-7.5°	4265	3874	3511	3200	2923	2651	2399	2146	1863	1614	1393
-10°	4204	3819	3474	3167	2886	2611	2368	2115	1842	1596	1376
-12.5°	4123	3749	3409	3105	2835	2571	2332	2073	1807	1565	1351
-15°	4015	3659	3328	3032	2771	2518	2280	2026	1772	1527	1316
-17.5°	3897	3539	3213	2934	2687	2447	2213	1976	1732	1492	1284
-20°	3764	3412	3089	2819	2585	2358	2142	1921	1677	1451	1251

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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°	3572	3261	2965	2700	2477	2269	2060	1847	1605	1399	1206
-25°	3382	3092	2827	2583	2368	2170	1967	1756	1541	1339	1150
-27.5°	3196	2928	2663	2444	2251	2058	1867	1667	1469	1271	1099
-30°	2995	2744	2506	2300	2117	1939	1767	1580	1386	1198	1043
-32.5°	2775	2555	2344	2151	1979	1822	1659	1482	1290	1129	978
-35°	2561	2358	2176	2005	1850	1705	1548	1370	1202	1051	905
-37.5°	2369	2171	2003	1856	1726	1589	1432	1275	1116	965	837
-40°	2171	1987	1837	1718	1593	1470	1332	1185	1029	881	770
-42.5°	1979	1830	1683	1563	1452	1351	1234	1086	943	814	707
-45°	1791	1656	1521	1412	1320	1225	1121	986	857	747	646
-47.5°	1598	1484	1372	1270	1188	1096	995	881	775	676	587
-50°	1412	1320	1229	1141	1057	968	878	786	691	605	524
-52.5°	1238	1161	1084	1008	934	856	773	691	608	536	463
-55°	1073	1008	947	885	824	753	678	604	538	471	412
-57.5°	928	870	822	772	719	657	593	530	475	420	366
-60°	799	749	708	664	617	565	514	465	417	372	325
-62.5°	678	637	600	563	525	486	442	402	366	328	285
-65°	563	531	500	470	439	407	373	341	311	280	244
-67.5°	458	434	408	383	359	334	307	281	257	232	202
-70°	369	350	331	310	290	270	249	228	206	185	165
-72.5°	298	284	270	253	235	218	201	185	167	150	132
-75°	241	231	220	205	191	176	162	148	132	115	99
-77.5°	191	185	178	166	155	143	131	115	100	84	70
-80°	143	140	136	126	116	106	96	83	69	56	46
-82.5°	94	92	90	83	77	70	64	54	45	37	29
-85°	52	50	48	45	42	39	36	30	26	21	17
-87.5°	19	18	18	17	16	16	15	13	12	10	9
-90°	0	0	0	0	0	0	0	0	0	0	0

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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	2	1	2	2	2	2	2
62.5°	4	4	3	3	3	2	2	3	3	3	2
60°	5	5	5	4	4	3	3	3	4	3	3
57.5°	6	6	6	6	5	4	4	4	4	4	4
55°	11	8	8	7	6	5	5	5	5	5	4
52.5°	28	16	10	9	8	7	6	6	6	5	5
50°	52	34	19	12	10	9	7	7	6	6	5
47.5°	84	58	38	19	13	11	9	8	7	7	6
45°	129	86	59	38	18	15	11	9	8	7	6
42.5°	179	126	83	57	34	21	13	11	9	8	7
40°	229	174	112	78	51	28	19	13	10	9	8
37.5°	283	224	157	101	68	43	26	15	11	10	8
35°	351	281	202	135	90	56	34	19	14	11	9
32.5°	418	337	250	174	113	69	45	27	17	12	10
30°	486	388	296	210	140	89	56	35	20	13	11
27.5°	547	437	339	247	171	110	68	42	24	14	12
25°	616	490	381	284	200	133	79	50	30	17	12
22.5°	705	544	420	316	228	154	95	59	36	20	13
20°	794	596	458	357	259	178	113	69	42	24	14
17.5°	881	664	513	399	292	200	129	79	47	27	15
15°	958	741	568	439	324	221	145	88	52	30	16
12.5°	1024	808	619	476	355	240	159	97	57	34	17
10°	1078	864	667	510	384	257	171	106	62	38	19
7.5°	1121	911	711	541	411	273	185	115	68	41	20
5°	1153	947	744	563	432	287	197	124	73	45	22
2.5°	1174	974	769	581	449	299	208	132	77	48	23
0°	1187	993	788	594	462	309	218	138	81	51	24
-2.5°	1198	1006	804	618	471	326	224	144	88	53	27
-5°	1201	1011	815	636	477	339	228	149	93	55	29
-7.5°	1195	1008	819	646	479	348	230	153	98	56	31
-10°	1181	997	814	643	483	351	232	156	101	57	33
-12.5°	1161	981	803	636	482	349	236	158	103	57	34
-15°	1134	959	787	626	476	345	237	159	103	59	35
-17.5°	1103	933	765	613	465	339	235	158	102	60	36
-20°	1071	904	739	598	448	331	229	155	100	61	36

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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°	1034	871	716	577	429	321	220	150	97	62	37
-25°	992	832	689	548	415	309	211	143	94	62	36
-27.5°	944	790	657	516	400	294	202	138	91	61	36
-30°	890	751	619	485	381	277	191	132	90	60	35
-32.5°	833	707	579	462	360	259	181	126	87	58	35
-35°	779	659	537	435	338	249	174	119	84	56	35
-37.5°	721	608	504	407	315	237	168	115	80	54	35
-40°	665	561	466	380	297	224	160	112	76	51	35
-42.5°	608	516	429	351	281	211	149	106	73	49	34
-45°	556	470	390	325	263	194	140	99	69	47	33
-47.5°	502	422	355	297	239	176	130	94	65	46	33
-50°	445	378	321	267	210	161	118	87	63	44	32
-52.5°	396	338	287	235	188	143	109	80	61	43	31
-55°	354	301	254	210	167	130	99	77	58	42	29
-57.5°	316	266	226	187	150	118	93	73	55	40	28
-60°	280	239	201	166	133	107	87	68	52	37	27
-62.5°	246	210	177	145	119	98	81	63	48	34	25
-65°	210	180	152	127	106	88	73	57	42	31	23
-67.5°	174	151	130	109	91	76	64	49	36	26	20
-70°	145	125	107	90	76	64	52	40	29	22	17
-72.5°	115	99	84	71	61	50	40	30	24	18	14
-75°	85	74	65	55	46	37	30	24	19	14	12
-77.5°	62	54	47	41	35	29	23	18	14	12	10
-80°	42	38	34	30	25	20	17	14	12	10	8
-82.5°	26	24	22	20	17	15	12	10	9	7	6
-85°	16	15	13	12	11	9	8	8	7	6	6
-87.5°	9	9	9	8	8	8	7	7	6	6	5
-90°	0	0	0	0	0	0	0	0	0	1	1

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REPORT NUMBER: P626870 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	4	4	3	3	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	4	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°	11	8	6	5	3	2	2
17.5°	11	8	7	5	3	2	2
15°	12	8	7	5	3	2	2
12.5°	12	9	7	5	4	2	2
10°	13	9	7	5	4	2	2
7.5°	13	9	8	6	4	2	2
5°	14	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	11	8	6	4	2	2
-7.5°	16	11	9	6	4	2	2
-10°	17	11	9	6	4	2	2
-12.5°	17	11	9	6	4	2	2
-15°	18	11	9	6	4	2	2
-17.5°	18	11	9	6	4	2	2
-20°	18	11	9	6	4	2	2

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CATALOG NUMBER: GFLD-SA2B-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

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