

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: P627764 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5E-740-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627764 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-14)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA5E-740-U-MR-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (80) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

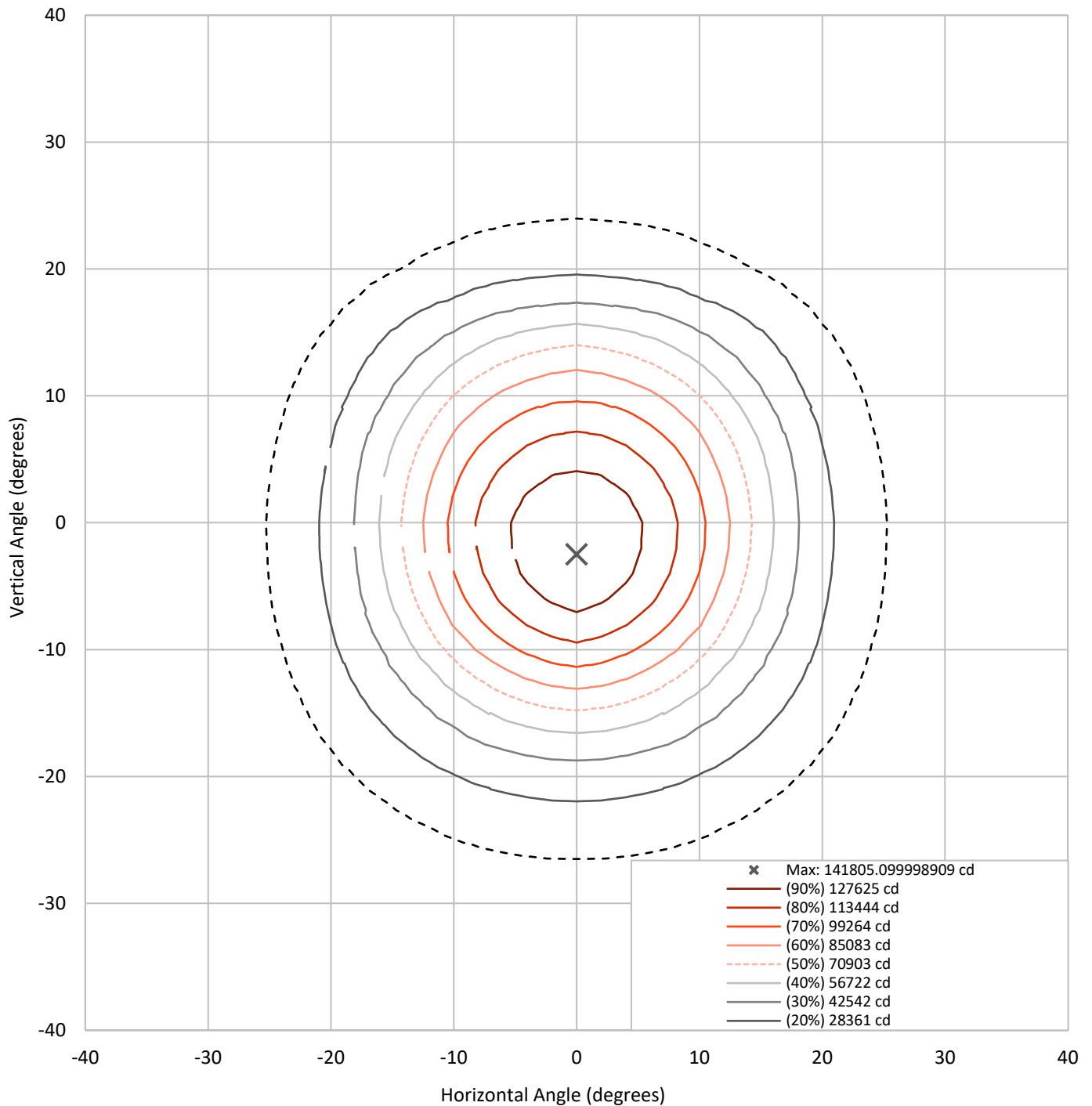
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	40219 lumens	Max Intensity:	141805.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -2.5°V
Efficacy:	128.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	28.2°H x 28.7°V	Field Angle (10%):	50.2°H x 50.4°V
Beam Lumens:	20109.9 lumens	Field Lumens:	34555.6 lumens
Beam Efficiency:	50.0%	Field Efficiency:	85.9%
Input Watts (W):	313.7		
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: P627764 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-740-U-MR-VSR-XX

Iso-Candela Plot





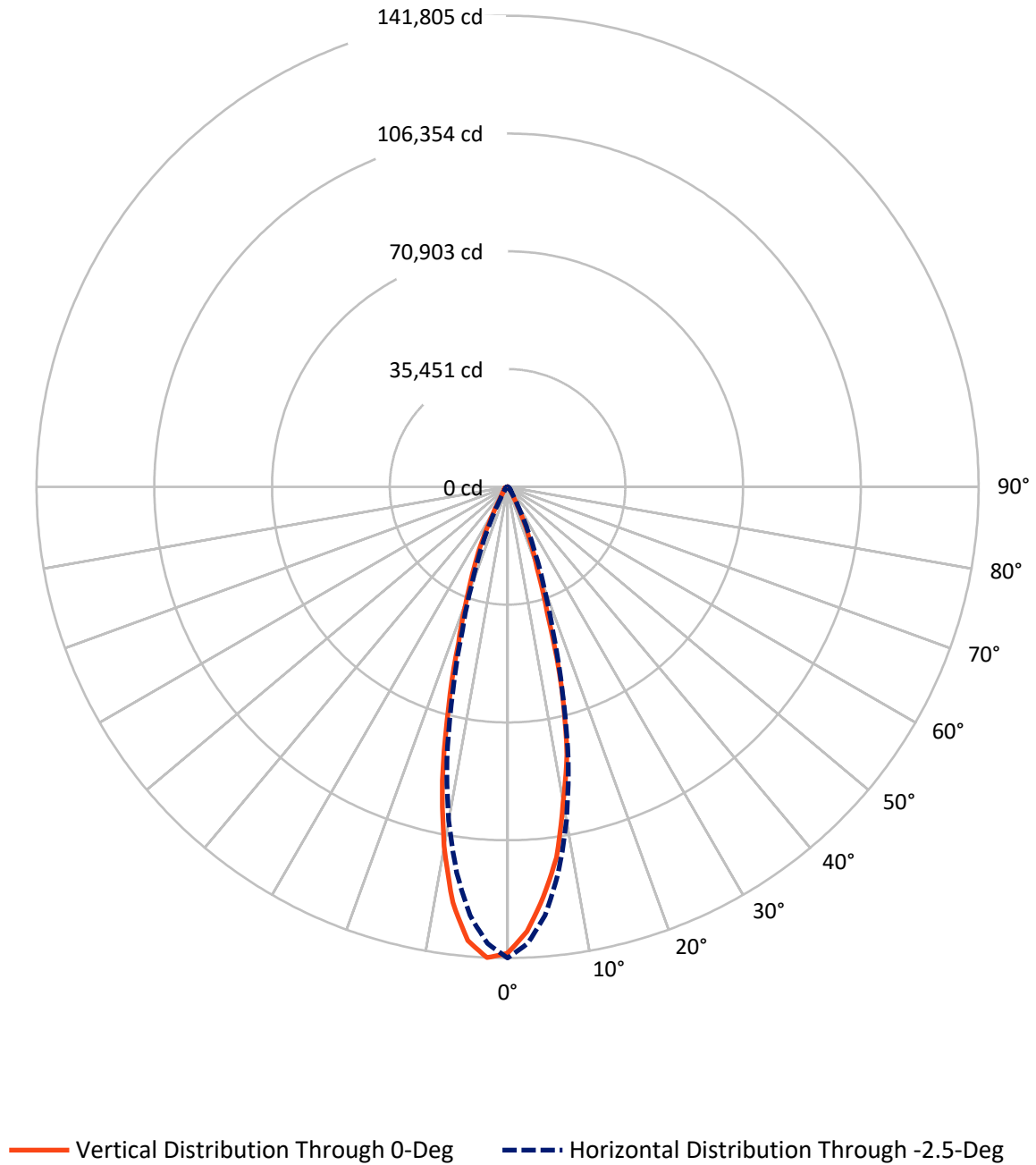
REPORT NUMBER: P627764 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-740-U-MR-VSR-XX

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	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.2	0.2	0.3	0.2	0.1	0.0	0.0	0.0	0.0			
50		0.1	0.2	1.1	2.7	4.6	6.4	7.6	7.6	6.4	4.6	2.7	1.1	0.2	0.1				
40	0.1	0.2	1.4	4.4	8.4	13.0	18.3	21.4	21.4	18.3	13.0	8.4	4.4	1.4	0.2	0.1			
30		0.6	3.4	8.6	15.8	26.0	43.4	57.9	57.9	43.4	26.0	15.8	8.6	3.4	0.6				
20	0.3	1.3	5.4	13.1	25.0	60.8	190.9	350.1	350.1	190.9	60.8	25.0	13.1	5.4	1.3	0.3			
10		2.0	7.5	17.9	42.8	209.5	851.7	1667.7	1667.7	851.7	209.5	42.8	17.9	7.5	2.0				
0	0.6	2.5	9.1	21.3	61.4	399.2	1719.8	3370.9	3370.9	1719.8	399.2	61.4	21.3	9.1	2.5	0.6			
-10		2.9	9.9	22.5	65.6	418.3	1764.7	3574.4	3574.4	1764.7	418.3	65.6	22.5	9.9	2.9				
-20	0.8	3.1	10.1	21.9	54.0	256.8	975.8	1891.6	1891.6	975.8	256.8	54.0	21.9	10.1	3.1	0.8			
-30		3.0	9.6	20.0	39.5	99.7	302.2	539.2	539.2	302.2	99.7	39.5	20.0	9.6	3.0				
-40	0.7	2.6	8.6	17.3	30.0	49.2	80.3	107.5	107.5	80.3	49.2	30.0	17.3	8.6	2.6	0.7			
-50		2.2	7.1	14.4	23.7	33.9	44.7	50.1	50.1	44.7	33.9	23.7	14.4	7.1	2.2				
-60	0.5	1.7	5.3	11.2	18.5	25.8	32.2	35.1	35.1	32.2	25.8	18.5	11.2	5.3	1.7	0.5			
-70		1.1	3.3	7.3	12.4	17.5	22.0	24.3	24.3	22.0	17.5	12.4	7.3	3.3	1.1				
-80	0.1	2.6	11.9	25.7	32.4	25.7	11.9	2.6	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

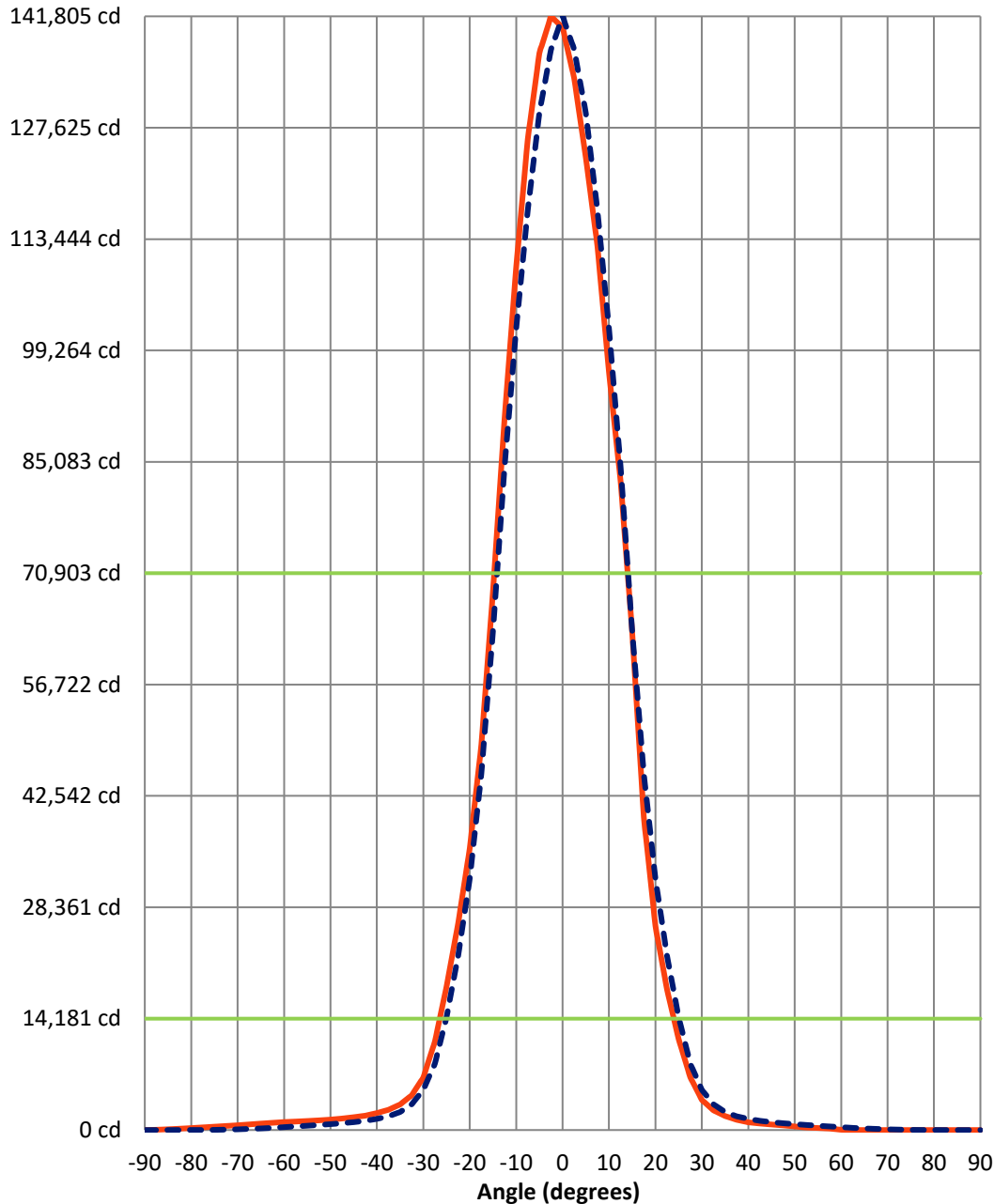
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 20109.9
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 34555.6
 Efficiency: 85.9%

Spill:
 Lumens: 5663.4
 Efficiency: 14.1%

— Vertical Distribution through 0-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°	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°	0	0	0	0	0	0	0	0	0	0	1
60°	0	0	0	0	0	0	0	0	0	2	2
57.5°	0	0	0	0	0	0	0	0	2	4	3
55°	0	0	0	0	0	0	1	0	4	6	4
52.5°	0	0	0	0	0	0	2	3	6	6	4
50°	0	0	0	0	0	1	3	5	8	7	6
47.5°	0	0	0	0	0	2	4	7	9	7	8
45°	0	0	0	0	0	3	5	8	9	8	9
42.5°	0	0	0	0	0	4	6	9	9	9	14
40°	0	0	0	0	0	5	7	9	9	9	21
37.5°	0	0	0	0	1	6	8	9	11	13	29
35°	0	0	0	0	2	7	9	9	13	22	39
32.5°	0	0	0	0	3	8	9	9	16	30	49
30°	0	0	0	0	4	8	9	10	20	38	59
27.5°	0	0	0	0	5	8	9	12	25	45	71
25°	0	0	0	0	6	9	9	15	32	54	84
22.5°	0	0	0	0	6	9	9	19	38	64	100
20°	0	0	0	0	7	9	9	22	43	74	115
17.5°	0	0	0	0	7	9	9	26	49	84	129
15°	0	0	0	0	8	9	10	30	54	94	141
12.5°	0	0	0	0	8	9	11	35	59	103	153
10°	0	0	0	0	8	9	13	39	64	113	163
7.5°	0	0	0	0	9	9	14	43	69	122	173
5°	0	0	0	0	9	9	15	47	73	130	182
2.5°	0	0	0	0	9	9	17	51	77	137	190
0°	0	0	0	0	9	9	18	54	80	143	196
-2.5°	0	0	0	1	9	10	21	55	88	148	202
-5°	0	0	0	1	9	11	25	56	95	152	207
-7.5°	0	0	0	2	9	12	28	56	101	155	210
-10°	0	0	0	2	9	13	30	56	106	158	213
-12.5°	0	0	0	3	8	13	33	57	109	160	217
-15°	0	0	0	3	8	14	34	57	110	163	221
-17.5°	0	0	0	3	8	14	35	59	108	163	224
-20°	0	0	0	4	8	14	36	62	107	163	223

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REPORT NUMBER: P627764 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0	0	0	4	8	14	37	64	105	161	220
-25°	0	0	0	4	8	15	37	66	102	158	214
-27.5°	0	0	0	4	9	16	37	67	98	153	210
-30°	0	0	0	4	9	17	37	67	97	148	203
-32.5°	0	0	0	4	10	18	36	66	97	142	195
-35°	0	0	0	3	11	18	36	65	96	137	185
-37.5°	0	0	0	3	11	18	36	63	94	131	180
-40°	0	0	0	3	12	19	36	61	91	127	175
-42.5°	0	0	0	2	12	19	35	59	88	123	169
-45°	0	0	0	2	11	20	34	56	84	117	161
-47.5°	0	0	0	1	10	19	32	54	81	110	153
-50°	0	0	0	1	10	19	30	51	76	105	142
-52.5°	0	0	0	2	9	18	29	47	71	98	130
-55°	0	0	0	2	8	17	28	42	65	91	121
-57.5°	0	0	0	2	7	16	25	39	59	83	110
-60°	0	0	0	2	7	15	23	36	52	74	99
-62.5°	0	0	0	2	6	14	22	32	48	65	88
-65°	0	0	0	2	6	12	20	28	42	58	77
-67.5°	0	0	0	2	6	11	18	26	37	51	67
-70°	0	0	0	2	5	10	17	23	32	44	58
-72.5°	0	0	0	2	5	9	15	20	27	37	49
-75°	0	0	0	2	4	8	13	17	22	30	39
-77.5°	0	0	0	1	4	7	11	14	18	23	29
-80°	0	0	0	1	3	6	9	11	14	17	21
-82.5°	0	0	0	1	2	4	7	8	9	11	14
-85°	0	0	0	1	2	3	5	5	6	7	8
-87.5°	0	0	0	0	1	1	2	3	3	3	4
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627764 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-740-U-MR-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	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°	0	0	0	0	0	0	1	2	1	2	3
60°	1	0	1	2	2	4	5	7	8	8	18
57.5°	1	2	4	5	6	10	14	17	28	41	49
55°	3	6	7	8	13	21	29	45	60	78	94
52.5°	6	9	8	14	26	39	57	78	102	119	134
50°	8	10	12	29	44	65	92	122	142	159	184
47.5°	12	14	27	46	68	99	136	160	180	213	249
45°	17	26	44	68	98	140	172	195	230	268	306
42.5°	23	40	64	89	137	177	208	242	279	322	363
40°	35	53	85	126	174	213	252	290	328	378	422
37.5°	46	74	110	160	209	253	296	340	387	439	490
35°	56	95	139	191	242	294	342	392	451	508	566
32.5°	72	116	165	221	276	333	387	452	513	575	646
30°	91	138	190	250	308	369	438	509	570	640	716
27.5°	112	159	215	277	337	404	486	558	625	700	784
25°	130	180	240	302	368	445	533	606	676	760	859
22.5°	148	202	267	325	398	486	576	658	738	821	936
20°	166	225	293	356	427	525	620	712	804	909	1038
17.5°	183	247	317	388	467	564	664	766	869	998	1158
15°	199	267	342	418	503	603	707	819	940	1090	1273
12.5°	214	285	366	446	535	638	746	863	1002	1182	1409
10°	227	301	388	472	564	669	780	901	1051	1245	1511
7.5°	240	317	409	495	588	696	808	934	1092	1297	1592
5°	251	332	424	512	607	718	832	962	1125	1339	1658
2.5°	260	346	437	525	622	732	847	979	1147	1378	1708
0°	268	357	446	536	634	741	857	991	1161	1411	1741
-2.5°	276	369	457	547	646	750	867	1002	1176	1420	1749
-5°	283	378	464	555	655	756	872	1006	1184	1422	1753
-7.5°	288	385	470	561	661	762	876	1011	1188	1419	1751
-10°	291	388	475	567	667	767	877	1009	1182	1404	1723
-12.5°	296	390	477	569	669	768	874	1000	1165	1377	1667
-15°	300	390	477	568	667	767	867	985	1139	1342	1595
-17.5°	301	389	475	563	662	763	857	970	1114	1304	1545
-20°	301	387	471	555	654	754	848	958	1091	1260	1476

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CATALOG NUMBER: GFLD-SA5E-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	298	384	465	546	642	739	835	938	1062	1204	1398
-25°	294	379	458	539	628	722	818	913	1031	1167	1332
-27.5°	287	372	450	529	613	702	796	890	997	1122	1264
-30°	276	361	439	517	599	683	770	864	960	1076	1206
-32.5°	263	348	425	502	584	664	742	832	926	1025	1143
-35°	252	333	409	484	565	643	717	796	888	981	1080
-37.5°	244	316	393	463	541	618	688	762	844	935	1025
-40°	234	299	374	443	513	590	660	726	800	888	974
-42.5°	223	287	355	423	489	559	630	694	764	844	926
-45°	214	273	336	402	467	529	596	664	731	802	879
-47.5°	202	259	319	378	442	505	563	628	697	764	832
-50°	189	243	298	353	413	477	537	592	655	723	789
-52.5°	174	225	276	327	383	442	504	561	616	673	737
-55°	157	204	253	300	350	406	464	522	579	631	686
-57.5°	142	182	228	274	319	366	422	478	532	586	641
-60°	128	161	200	245	290	334	381	432	484	535	585
-62.5°	112	142	175	213	256	300	343	388	435	478	522
-65°	99	123	152	184	220	258	299	342	385	420	454
-67.5°	85	106	129	156	187	218	251	289	327	360	391
-70°	73	88	107	129	154	180	210	239	269	298	328
-72.5°	61	74	88	103	124	148	172	195	219	245	270
-75°	50	60	72	84	100	118	138	159	179	199	219
-77.5°	38	48	57	66	77	92	107	124	140	157	174
-80°	27	35	43	52	59	68	78	89	101	114	127
-82.5°	19	24	30	37	42	47	52	59	67	77	86
-85°	10	13	17	22	24	27	30	33	38	44	49
-87.5°	5	7	8	10	11	12	12	13	15	17	19
-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	2	2	2	1	0	0
62.5°	3	4	7	9	10	11	12	12	12	12	12
60°	23	22	34	41	40	31	44	50	48	41	41
57.5°	63	78	90	94	106	124	130	128	130	136	152
55°	110	121	131	148	167	184	197	206	217	229	242
52.5°	149	170	184	203	227	241	248	273	295	311	322
50°	212	234	257	282	305	327	344	369	399	430	448
47.5°	279	306	337	373	399	419	442	476	516	553	575
45°	341	373	410	445	474	503	538	579	620	657	685
42.5°	396	432	472	512	538	583	631	674	724	771	806
40°	460	495	554	594	630	677	748	811	871	928	963
37.5°	538	597	659	709	756	815	914	1010	1086	1162	1216
35°	629	700	778	833	904	1014	1136	1268	1402	1508	1604
32.5°	716	795	874	962	1070	1226	1379	1592	1788	1990	2180
30°	795	883	980	1092	1267	1484	1733	2058	2412	2764	3166
27.5°	878	975	1090	1269	1534	1829	2289	2802	3533	4121	5069
25°	968	1077	1234	1519	1886	2404	3208	4123	5635	6926	8382
22.5°	1077	1245	1468	1824	2437	3370	4620	6613	8935	11091	13147
20°	1211	1439	1819	2388	3266	4701	7072	10095	13323	16478	19530
17.5°	1388	1751	2294	3103	4348	7365	10893	15212	20740	24893	28830
15°	1551	2008	2830	4139	6483	10366	15296	21909	29352	35610	42689
12.5°	1742	2296	3285	4984	8334	13467	19751	27638	36447	45946	57034
10°	1909	2590	3864	6201	10264	16238	23281	32539	43853	57293	71308
7.5°	2038	2836	4346	7113	11891	18512	26912	38172	52501	68211	84193
5°	2138	3025	4725	7828	13274	20357	29563	42629	58962	76993	92886
2.5°	2216	3159	4977	8268	14209	21618	31376	44999	62916	82728	99415
0°	2277	3241	5116	8580	14643	22214	32215	45956	64769	85537	102697
-2.5°	2298	3284	5123	8472	14379	22178	32019	45369	63490	84421	102001
-5°	2306	3262	4994	8247	13910	21383	30737	43140	59587	79220	97036
-7.5°	2289	3175	4732	7695	12858	19979	28946	39834	53315	70625	89038
-10°	2227	3022	4377	6945	11410	17787	26159	35358	46127	60259	75180
-12.5°	2115	2795	3888	5822	9705	15306	22721	30853	39245	48532	60806
-15°	1982	2561	3488	5141	8126	12701	18705	25573	32539	39650	47137
-17.5°	1881	2359	3078	4232	6239	9938	14739	20258	25910	31557	36599
-20°	1752	2117	2679	3577	5034	7223	10834	15128	19351	23956	27821

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REPORT NUMBER: P627764 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1637	1948	2368	2933	3914	5454	7513	10536	13745	17089	20262
-25°	1529	1763	2097	2551	3137	4053	5413	6993	9245	11302	13659
-27.5°	1437	1634	1861	2197	2640	3142	3976	4899	6080	7061	8633
-30°	1349	1506	1693	1909	2234	2617	3065	3624	4202	4781	5535
-32.5°	1267	1399	1545	1720	1921	2207	2486	2844	3161	3509	3868
-35°	1186	1303	1424	1562	1717	1906	2115	2352	2562	2772	2960
-37.5°	1117	1214	1320	1429	1553	1684	1848	2016	2157	2294	2410
-40°	1058	1139	1227	1318	1417	1523	1651	1774	1870	1958	2032
-42.5°	1004	1076	1144	1222	1304	1402	1501	1595	1661	1722	1771
-45°	953	1015	1078	1141	1209	1294	1379	1453	1504	1550	1586
-47.5°	898	955	1012	1070	1135	1202	1271	1326	1371	1411	1437
-50°	845	901	952	1000	1058	1119	1178	1224	1264	1299	1317
-52.5°	794	847	898	948	995	1042	1088	1133	1174	1209	1222
-55°	743	795	841	888	934	978	1020	1058	1095	1129	1140
-57.5°	693	746	795	833	872	912	952	990	1025	1056	1067
-60°	637	690	733	770	807	845	880	914	949	979	992
-62.5°	569	618	657	692	727	760	791	823	854	879	893
-65°	490	531	570	605	636	666	695	723	749	769	781
-67.5°	421	451	484	515	547	576	603	627	651	667	678
-70°	355	383	411	440	468	494	517	539	560	575	586
-72.5°	295	319	345	371	396	417	437	456	475	488	498
-75°	239	260	282	304	325	343	359	375	390	401	411
-77.5°	190	206	222	238	255	269	282	295	307	316	324
-80°	141	154	166	178	190	200	210	220	229	238	245
-82.5°	95	105	114	124	134	140	145	150	154	160	166
-85°	55	61	67	73	79	83	87	90	94	97	101
-87.5°	22	24	27	30	32	33	34	34	34	37	40
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627764 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-740-U-MR-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	1	2
62.5°	11	9	9	9	9	9	11	12	12	12	12
60°	39	36	35	36	35	36	39	41	41	48	50
57.5°	166	178	185	188	185	178	166	152	136	130	128
55°	253	262	263	259	263	262	253	242	229	217	206
52.5°	327	328	326	321	326	328	327	322	311	295	273
50°	454	453	453	455	453	453	454	448	430	399	369
47.5°	584	590	593	589	593	590	584	575	553	516	476
45°	698	706	709	705	709	706	698	685	657	620	579
42.5°	820	825	828	830	828	825	820	806	771	724	674
40°	980	986	985	982	985	986	980	963	928	871	811
37.5°	1253	1272	1280	1304	1280	1272	1253	1216	1162	1086	1010
35°	1677	1723	1748	1786	1748	1723	1677	1604	1508	1402	1268
32.5°	2317	2410	2459	2509	2459	2410	2317	2180	1990	1788	1592
30°	3444	3628	3702	3839	3702	3628	3444	3166	2764	2412	2058
27.5°	5764	6201	6373	6732	6373	6201	5764	5069	4121	3533	2802
25°	9709	10651	11170	11581	11170	10651	9709	8382	6926	5635	4123
22.5°	15223	16602	17340	17884	17340	16602	15223	13147	11091	8935	6613
20°	22296	24117	25203	25991	25203	24117	22296	19530	16478	13323	10095
17.5°	33885	36747	38420	39858	38420	36747	33885	28830	24893	20740	15212
15°	50587	56337	60806	63295	60806	56337	50587	42689	35610	29352	21909
12.5°	66835	75258	80262	82563	80262	75258	66835	57034	45946	36447	27638
10°	82904	90846	95607	96448	95607	90846	82904	71308	57293	43853	32539
7.5°	95206	103939	110266	112564	110266	103939	95206	84193	68211	52501	38172
5°	106071	116297	122992	123841	122992	116297	106071	92886	76993	58962	42629
2.5°	114063	125180	131672	133903	131672	125180	114063	99415	82728	62916	44999
0°	117930	129903	137126	140377	137126	129903	117930	102697	85537	64769	45956
-2.5°	117116	129500	137563	141805	137563	129500	117116	102001	84421	63490	45369
-5°	112663	125083	132601	137109	132601	125083	112663	97036	79220	59587	43140
-7.5°	102394	114009	122012	126171	122012	114009	102394	89038	70625	53315	39834
-10°	89162	98992	106286	109832	106286	98992	89162	75180	60259	46127	35358
-12.5°	71968	81503	88083	90590	88083	81503	71968	60806	48532	39245	30853
-15°	55140	62417	67092	68572	67092	62417	55140	47137	39650	32539	25573
-17.5°	41816	45734	48363	49072	48363	45734	41816	36599	31557	25910	20258
-20°	31328	33756	35462	35867	35462	33756	31328	27821	23956	19351	15128

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REPORT NUMBER: P627764 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	22826	24651	26029	26304	26029	24651	22826	20262	17089	13745	10536
-25°	15745	17272	18206	18277	18206	17272	15745	13659	11302	9245	6993
-27.5°	9871	10710	11142	11295	11142	10710	9871	8633	7061	6080	4899
-30°	6100	6487	6690	6697	6690	6487	6100	5535	4781	4202	3624
-32.5°	4141	4328	4429	4429	4429	4328	4141	3868	3509	3161	2844
-35°	3102	3198	3253	3259	3253	3198	3102	2960	2772	2562	2352
-37.5°	2494	2548	2575	2580	2575	2548	2494	2410	2294	2157	2016
-40°	2086	2123	2146	2161	2146	2123	2086	2032	1958	1870	1774
-42.5°	1804	1828	1839	1830	1839	1828	1804	1771	1722	1661	1595
-45°	1607	1621	1630	1634	1630	1621	1607	1586	1550	1504	1453
-47.5°	1450	1457	1462	1464	1462	1457	1450	1437	1411	1371	1326
-50°	1327	1333	1334	1330	1334	1333	1327	1317	1299	1264	1224
-52.5°	1227	1229	1231	1232	1231	1229	1227	1222	1209	1174	1133
-55°	1146	1149	1151	1152	1151	1149	1146	1140	1129	1095	1058
-57.5°	1077	1085	1085	1080	1085	1085	1077	1067	1056	1025	990
-60°	1004	1012	1017	1018	1017	1012	1004	992	979	949	914
-62.5°	905	914	918	920	918	914	905	893	879	854	823
-65°	791	799	810	821	810	799	791	781	769	749	723
-67.5°	686	693	704	714	704	693	686	678	667	651	627
-70°	595	604	606	607	606	604	595	586	575	560	539
-72.5°	507	515	517	518	517	515	507	498	488	475	456
-75°	419	426	428	429	428	426	419	411	401	390	375
-77.5°	331	338	339	339	339	338	331	324	316	307	295
-80°	251	258	254	250	254	258	251	245	238	229	220
-82.5°	172	178	174	170	174	178	172	166	160	154	150
-85°	104	107	103	98	103	107	104	101	97	94	90
-87.5°	42	44	40	36	40	44	42	40	37	34	34
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627764 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-740-U-MR-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°	2	2	0	0	0	0	0	0	0	0	0
62.5°	12	11	10	9	7	4	3	3	2	1	2
60°	44	31	40	41	34	22	23	18	8	8	7
57.5°	130	124	106	94	90	78	63	49	41	28	17
55°	197	184	167	148	131	121	110	94	78	60	45
52.5°	248	241	227	203	184	170	149	134	119	102	78
50°	344	327	305	282	257	234	212	184	159	142	122
47.5°	442	419	399	373	337	306	279	249	213	180	160
45°	538	503	474	445	410	373	341	306	268	230	195
42.5°	631	583	538	512	472	432	396	363	322	279	242
40°	748	677	630	594	554	495	460	422	378	328	290
37.5°	914	815	756	709	659	597	538	490	439	387	340
35°	1136	1014	904	833	778	700	629	566	508	451	392
32.5°	1379	1226	1070	962	874	795	716	646	575	513	452
30°	1733	1484	1267	1092	980	883	795	716	640	570	509
27.5°	2289	1829	1534	1269	1090	975	878	784	700	625	558
25°	3208	2404	1886	1519	1234	1077	968	859	760	676	606
22.5°	4620	3370	2437	1824	1468	1245	1077	936	821	738	658
20°	7072	4701	3266	2388	1819	1439	1211	1038	909	804	712
17.5°	10893	7365	4348	3103	2294	1751	1388	1158	998	869	766
15°	15296	10366	6483	4139	2830	2008	1551	1273	1090	940	819
12.5°	19751	13467	8334	4984	3285	2296	1742	1409	1182	1002	863
10°	23281	16238	10264	6201	3864	2590	1909	1511	1245	1051	901
7.5°	26912	18512	11891	7113	4346	2836	2038	1592	1297	1092	934
5°	29563	20357	13274	7828	4725	3025	2138	1658	1339	1125	962
2.5°	31376	21618	14209	8268	4977	3159	2216	1708	1378	1147	979
0°	32215	22214	14643	8580	5116	3241	2277	1741	1411	1161	991
-2.5°	32019	22178	14379	8472	5123	3284	2298	1749	1420	1176	1002
-5°	30737	21383	13910	8247	4994	3262	2306	1753	1422	1184	1006
-7.5°	28946	19979	12858	7695	4732	3175	2289	1751	1419	1188	1011
-10°	26159	17787	11410	6945	4377	3022	2227	1723	1404	1182	1009
-12.5°	22721	15306	9705	5822	3888	2795	2115	1667	1377	1165	1000
-15°	18705	12701	8126	5141	3488	2561	1982	1595	1342	1139	985
-17.5°	14739	9938	6239	4232	3078	2359	1881	1545	1304	1114	970
-20°	10834	7223	5034	3577	2679	2117	1752	1476	1260	1091	958

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REPORT NUMBER: P627764 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7513	5454	3914	2933	2368	1948	1637	1398	1204	1062	938
-25°	5413	4053	3137	2551	2097	1763	1529	1332	1167	1031	913
-27.5°	3976	3142	2640	2197	1861	1634	1437	1264	1122	997	890
-30°	3065	2617	2234	1909	1693	1506	1349	1206	1076	960	864
-32.5°	2486	2207	1921	1720	1545	1399	1267	1143	1025	926	832
-35°	2115	1906	1717	1562	1424	1303	1186	1080	981	888	796
-37.5°	1848	1684	1553	1429	1320	1214	1117	1025	935	844	762
-40°	1651	1523	1417	1318	1227	1139	1058	974	888	800	726
-42.5°	1501	1402	1304	1222	1144	1076	1004	926	844	764	694
-45°	1379	1294	1209	1141	1078	1015	953	879	802	731	664
-47.5°	1271	1202	1135	1070	1012	955	898	832	764	697	628
-50°	1178	1119	1058	1000	952	901	845	789	723	655	592
-52.5°	1088	1042	995	948	898	847	794	737	673	616	561
-55°	1020	978	934	888	841	795	743	686	631	579	522
-57.5°	952	912	872	833	795	746	693	641	586	532	478
-60°	880	845	807	770	733	690	637	585	535	484	432
-62.5°	791	760	727	692	657	618	569	522	478	435	388
-65°	695	666	636	605	570	531	490	454	420	385	342
-67.5°	603	576	547	515	484	451	421	391	360	327	289
-70°	517	494	468	440	411	383	355	328	298	269	239
-72.5°	437	417	396	371	345	319	295	270	245	219	195
-75°	359	343	325	304	282	260	239	219	199	179	159
-77.5°	282	269	255	238	222	206	190	174	157	140	124
-80°	210	200	190	178	166	154	141	127	114	101	89
-82.5°	145	140	134	124	114	105	95	86	77	67	59
-85°	87	83	79	73	67	61	55	49	44	38	33
-87.5°	34	33	32	30	27	24	22	19	17	15	13
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627764 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5E-740-U-MR-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	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°	1	0	0	0	0	0	0	1	0	0	0
60°	5	4	2	2	1	0	1	2	2	0	0
57.5°	14	10	6	5	4	2	1	3	4	2	0
55°	29	21	13	8	7	6	3	4	6	4	0
52.5°	57	39	26	14	8	9	6	4	6	6	3
50°	92	65	44	29	12	10	8	6	7	8	5
47.5°	136	99	68	46	27	14	12	8	7	9	7
45°	172	140	98	68	44	26	17	9	8	9	8
42.5°	208	177	137	89	64	40	23	14	9	9	9
40°	252	213	174	126	85	53	35	21	9	9	9
37.5°	296	253	209	160	110	74	46	29	13	11	9
35°	342	294	242	191	139	95	56	39	22	13	9
32.5°	387	333	276	221	165	116	72	49	30	16	9
30°	438	369	308	250	190	138	91	59	38	20	10
27.5°	486	404	337	277	215	159	112	71	45	25	12
25°	533	445	368	302	240	180	130	84	54	32	15
22.5°	576	486	398	325	267	202	148	100	64	38	19
20°	620	525	427	356	293	225	166	115	74	43	22
17.5°	664	564	467	388	317	247	183	129	84	49	26
15°	707	603	503	418	342	267	199	141	94	54	30
12.5°	746	638	535	446	366	285	214	153	103	59	35
10°	780	669	564	472	388	301	227	163	113	64	39
7.5°	808	696	588	495	409	317	240	173	122	69	43
5°	832	718	607	512	424	332	251	182	130	73	47
2.5°	847	732	622	525	437	346	260	190	137	77	51
0°	857	741	634	536	446	357	268	196	143	80	54
-2.5°	867	750	646	547	457	369	276	202	148	88	55
-5°	872	756	655	555	464	378	283	207	152	95	56
-7.5°	876	762	661	561	470	385	288	210	155	101	56
-10°	877	767	667	567	475	388	291	213	158	106	56
-12.5°	874	768	669	569	477	390	296	217	160	109	57
-15°	867	767	667	568	477	390	300	221	163	110	57
-17.5°	857	763	662	563	475	389	301	224	163	108	59
-20°	848	754	654	555	471	387	301	223	163	107	62

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CATALOG NUMBER: GFLD-SA5E-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	835	739	642	546	465	384	298	220	161	105	64
-25°	818	722	628	539	458	379	294	214	158	102	66
-27.5°	796	702	613	529	450	372	287	210	153	98	67
-30°	770	683	599	517	439	361	276	203	148	97	67
-32.5°	742	664	584	502	425	348	263	195	142	97	66
-35°	717	643	565	484	409	333	252	185	137	96	65
-37.5°	688	618	541	463	393	316	244	180	131	94	63
-40°	660	590	513	443	374	299	234	175	127	91	61
-42.5°	630	559	489	423	355	287	223	169	123	88	59
-45°	596	529	467	402	336	273	214	161	117	84	56
-47.5°	563	505	442	378	319	259	202	153	110	81	54
-50°	537	477	413	353	298	243	189	142	105	76	51
-52.5°	504	442	383	327	276	225	174	130	98	71	47
-55°	464	406	350	300	253	204	157	121	91	65	42
-57.5°	422	366	319	274	228	182	142	110	83	59	39
-60°	381	334	290	245	200	161	128	99	74	52	36
-62.5°	343	300	256	213	175	142	112	88	65	48	32
-65°	299	258	220	184	152	123	99	77	58	42	28
-67.5°	251	218	187	156	129	106	85	67	51	37	26
-70°	210	180	154	129	107	88	73	58	44	32	23
-72.5°	172	148	124	103	88	74	61	49	37	27	20
-75°	138	118	100	84	72	60	50	39	30	22	17
-77.5°	107	92	77	66	57	48	38	29	23	18	14
-80°	78	68	59	52	43	35	27	21	17	14	11
-82.5°	52	47	42	37	30	24	19	14	11	9	8
-85°	30	27	24	22	17	13	10	8	7	6	5
-87.5°	12	12	11	10	8	7	5	4	3	3	3
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627764 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-740-U-MR-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	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0
55°	1	0	0	0	0	0	0
52.5°	2	0	0	0	0	0	0
50°	3	1	0	0	0	0	0
47.5°	4	2	0	0	0	0	0
45°	5	3	0	0	0	0	0
42.5°	6	4	0	0	0	0	0
40°	7	5	0	0	0	0	0
37.5°	8	6	1	0	0	0	0
35°	9	7	2	0	0	0	0
32.5°	9	8	3	0	0	0	0
30°	9	8	4	0	0	0	0
27.5°	9	8	5	0	0	0	0
25°	9	9	6	0	0	0	0
22.5°	9	9	6	0	0	0	0
20°	9	9	7	0	0	0	0
17.5°	9	9	7	0	0	0	0
15°	10	9	8	0	0	0	0
12.5°	11	9	8	0	0	0	0
10°	13	9	8	0	0	0	0
7.5°	14	9	9	0	0	0	0
5°	15	9	9	0	0	0	0
2.5°	17	9	9	0	0	0	0
0°	18	9	9	0	0	0	0
-2.5°	21	10	9	1	0	0	0
-5°	25	11	9	1	0	0	0
-7.5°	28	12	9	2	0	0	0
-10°	30	13	9	2	0	0	0
-12.5°	33	13	8	3	0	0	0
-15°	34	14	8	3	0	0	0
-17.5°	35	14	8	3	0	0	0
-20°	36	14	8	4	0	0	0

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REPORT NUMBER: P627764 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	37	14	8	4	0	0	0
-25°	37	15	8	4	0	0	0
-27.5°	37	16	9	4	0	0	0
-30°	37	17	9	4	0	0	0
-32.5°	36	18	10	4	0	0	0
-35°	36	18	11	3	0	0	0
-37.5°	36	18	11	3	0	0	0
-40°	36	19	12	3	0	0	0
-42.5°	35	19	12	2	0	0	0
-45°	34	20	11	2	0	0	0
-47.5°	32	19	10	1	0	0	0
-50°	30	19	10	1	0	0	0
-52.5°	29	18	9	2	0	0	0
-55°	28	17	8	2	0	0	0
-57.5°	25	16	7	2	0	0	0
-60°	23	15	7	2	0	0	0
-62.5°	22	14	6	2	0	0	0
-65°	20	12	6	2	0	0	0
-67.5°	18	11	6	2	0	0	0
-70°	17	10	5	2	0	0	0
-72.5°	15	9	5	2	0	0	0
-75°	13	8	4	2	0	0	0
-77.5°	11	7	4	1	0	0	0
-80°	9	6	3	1	0	0	0
-82.5°	7	4	2	1	0	0	0
-85°	5	3	2	1	0	0	0
-87.5°	2	1	1	0	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)