

Classified
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P627674 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA5D-727-U-MR-VSR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627674 (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: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA5D-727-U-MR-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (80) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	30358.3 lumens	Max Intensity:	107038 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -2.5°V
Efficacy:	111.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

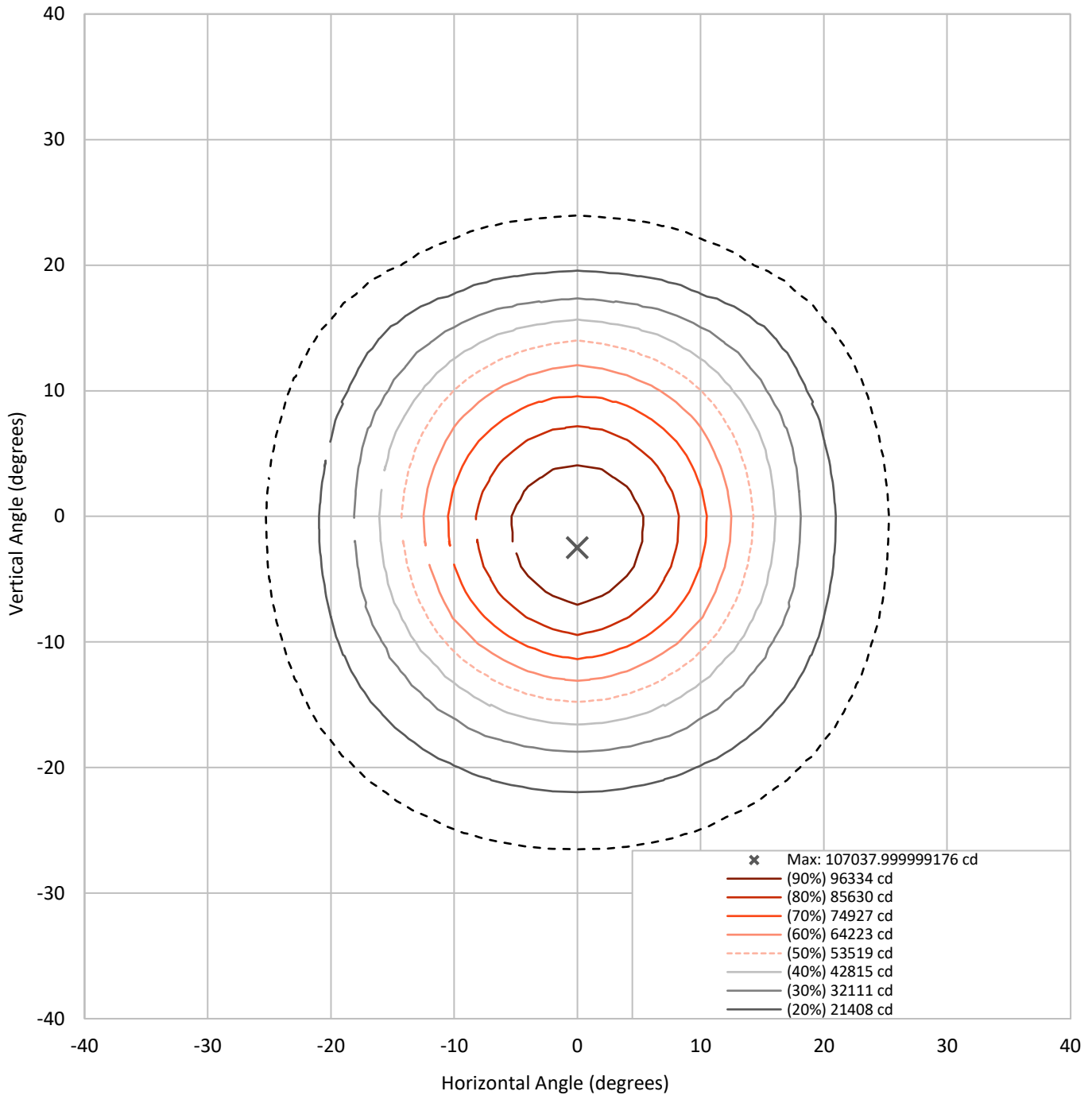
Beam Angle (50%):	28.2°H x 28.7°V	Field Angle (10%):	50.2°H x 50.4°V
Beam Lumens:	15179.5 lumens	Field Lumens:	26083.4 lumens
Beam Efficiency:	50.0%	Field Efficiency:	85.9%

Input Watts (W): 271.3
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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Iso-Candela Plot





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Lumen Table

90																			
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
70																			
60	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.0	0.0	0.0	0.0			
50		0.0	0.2	0.9	2.1	3.5	4.8	5.7	5.7	4.8	3.5	2.1	0.9	0.2	0.0				
40	0.1	0.1	1.0	3.3	6.4	9.8	13.8	16.2	16.2	13.8	9.8	6.4	3.3	1.0	0.1	0.1			
30		0.4	2.6	6.5	11.9	19.6	32.8	43.7	43.7	32.8	19.6	11.9	6.5	2.6	0.4				
20	0.2	1.0	4.1	9.9	18.9	45.9	144.1	264.3	264.3	144.1	45.9	18.9	9.9	4.1	1.0	0.2			
10		1.5	5.7	13.5	32.3	158.1	642.9	1258.8	1258.8	642.9	158.1	32.3	13.5	5.7	1.5				
0	0.4	1.9	6.9	16.1	46.3	301.4	1298.1	2544.4	2544.4	1298.1	301.4	46.3	16.1	6.9	1.9	0.4			
-10		2.2	7.5	17.0	49.5	315.7	1332.0	2698.0	2698.0	1332.0	315.7	49.5	17.0	7.5	2.2				
-20	0.6	2.3	7.6	16.5	40.7	193.9	736.6	1427.8	1427.8	736.6	193.9	40.7	16.5	7.6	2.3	0.6			
-30		2.3	7.2	15.1	29.8	75.3	228.1	407.0	407.0	228.1	75.3	29.8	15.1	7.2	2.3				
-40	0.5	2.0	6.5	13.1	22.6	37.2	60.6	81.1	81.1	60.6	37.2	22.6	13.1	6.5	2.0	0.5			
-50		1.7	5.3	10.8	17.9	25.6	33.7	37.8	37.8	33.7	25.6	17.9	10.8	5.3	1.7				
-60	0.3	1.3	4.0	8.5	14.0	19.4	24.3	26.5	26.5	24.3	19.4	14.0	8.5	4.0	1.3	0.3			
-70		0.8	2.5	5.5	9.3	13.2	16.6	18.4	18.4	16.6	13.2	9.3	5.5	2.5	0.8				
-80	0.1	2.0	9.0	19.4	24.5	19.4	9.0	2.0	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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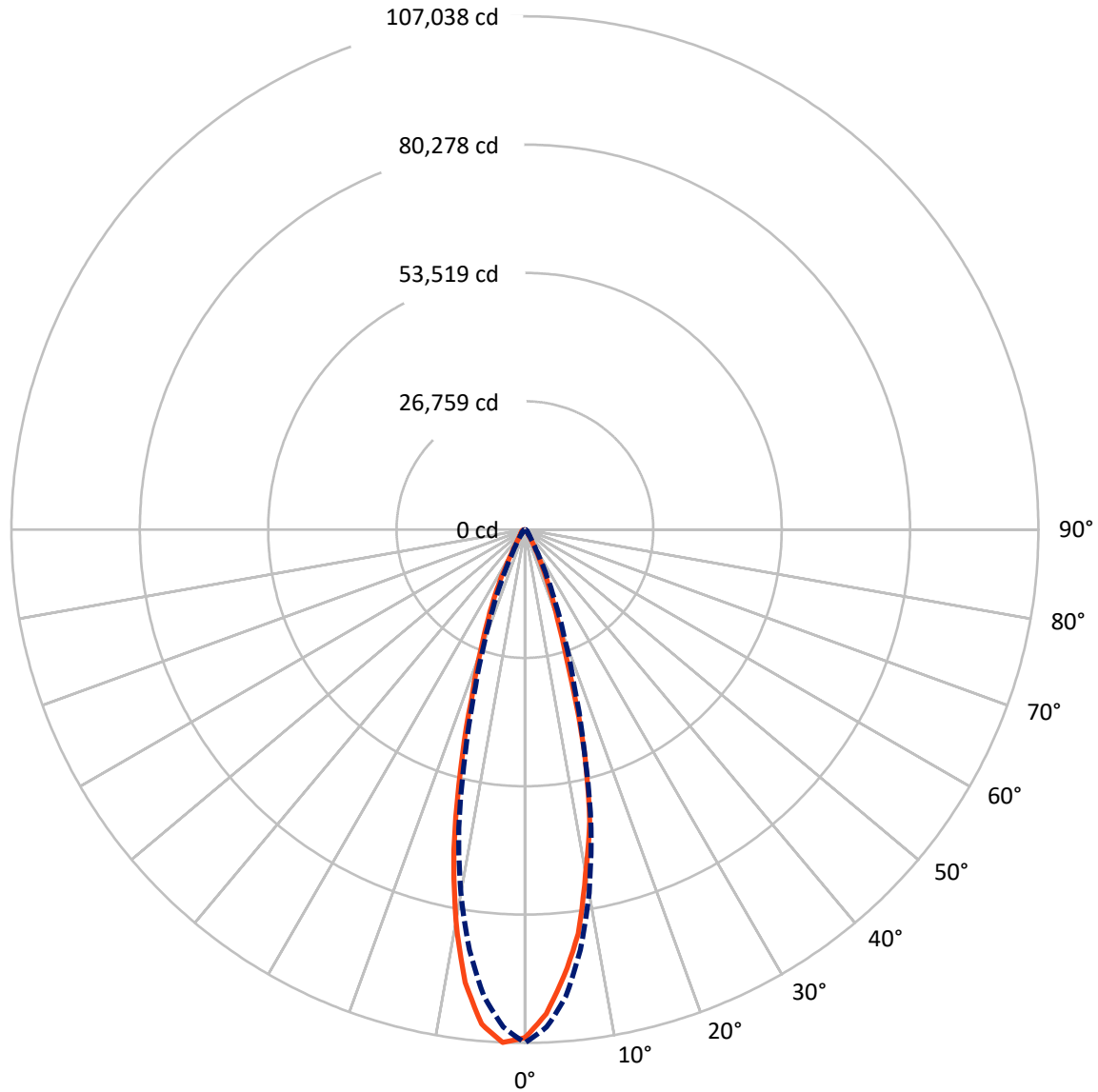
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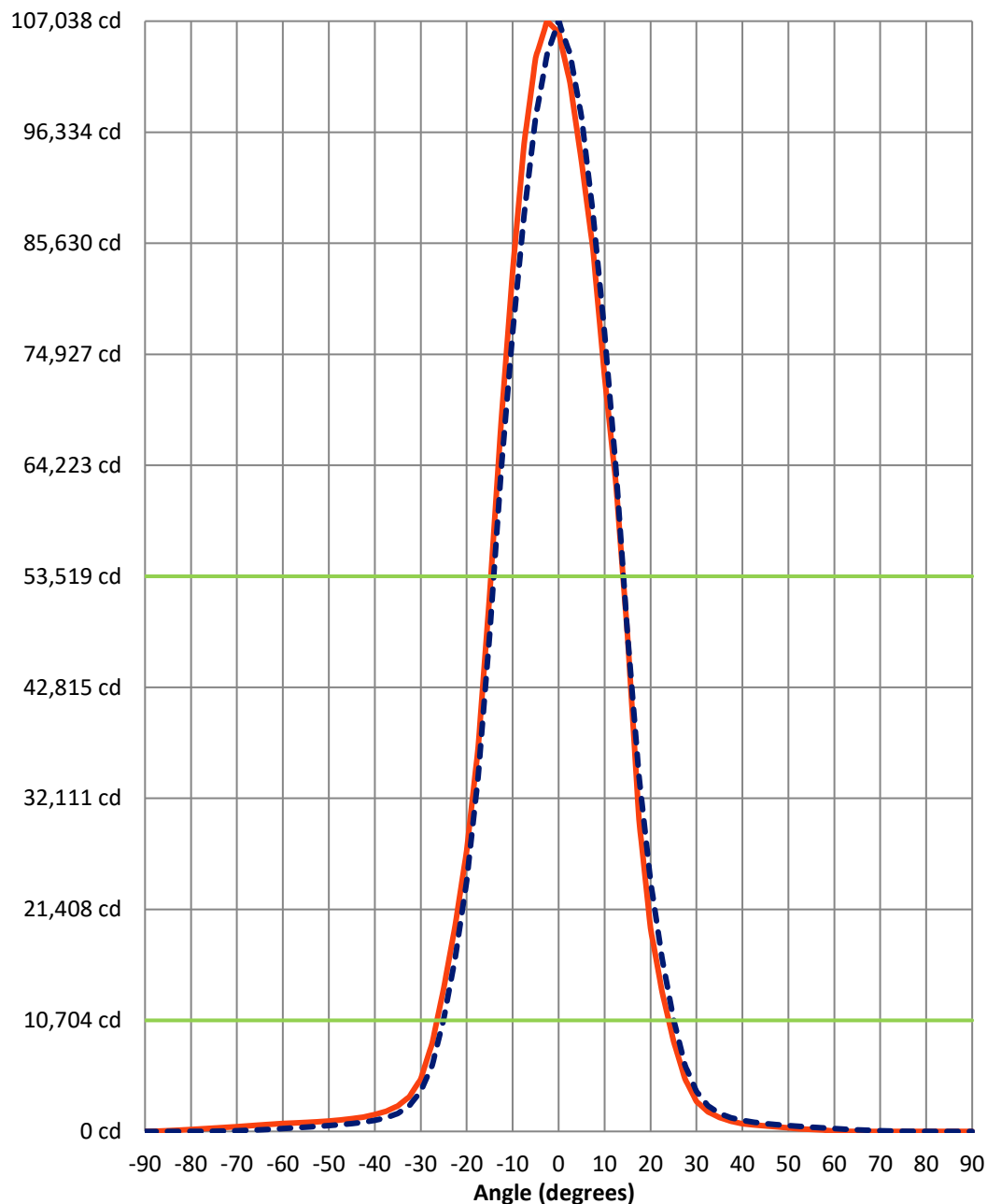
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through -2.5-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 15179.5
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 26083.4
 Efficiency: 85.9%

Spill:
 Lumens: 4274.9
 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	1	2
57.5°	0	0	0	0	0	0	0	0	1	3	2
55°	0	0	0	0	0	0	1	0	3	4	3
52.5°	0	0	0	0	0	0	1	2	5	5	3
50°	0	0	0	0	0	1	2	4	6	5	5
47.5°	0	0	0	0	0	1	3	5	7	5	6
45°	0	0	0	0	0	2	4	6	7	6	7
42.5°	0	0	0	0	0	3	5	7	7	7	11
40°	0	0	0	0	0	4	5	7	7	7	16
37.5°	0	0	0	0	1	5	6	7	8	10	22
35°	0	0	0	0	2	5	6	7	10	16	29
32.5°	0	0	0	0	2	6	7	7	12	22	37
30°	0	0	0	0	3	6	7	7	15	28	45
27.5°	0	0	0	0	4	6	7	9	19	34	54
25°	0	0	0	0	4	7	7	12	24	41	63
22.5°	0	0	0	0	5	7	7	14	29	48	75
20°	0	0	0	0	5	7	7	17	33	56	87
17.5°	0	0	0	0	5	7	7	20	37	63	97
15°	0	0	0	0	6	7	8	23	41	71	107
12.5°	0	0	0	0	6	7	9	26	45	78	115
10°	0	0	0	0	6	7	10	30	48	85	123
7.5°	0	0	0	0	6	7	11	33	52	92	131
5°	0	0	0	0	7	7	12	35	55	98	137
2.5°	0	0	0	0	7	7	13	38	58	103	143
0°	0	0	0	0	7	7	13	40	61	108	148
-2.5°	0	0	0	0	7	7	16	41	67	112	153
-5°	0	0	0	1	7	8	19	42	72	115	156
-7.5°	0	0	0	1	7	9	21	42	77	117	159
-10°	0	0	0	2	6	9	23	43	80	119	160
-12.5°	0	0	0	2	6	10	25	43	82	121	164
-15°	0	0	0	2	6	10	26	43	83	123	167
-17.5°	0	0	0	3	6	11	27	45	82	123	169
-20°	0	0	0	3	6	11	27	47	81	123	168

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REPORT NUMBER: P627674 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-727-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	3	6	11	28	49	79	122	166
-25°	0	0	0	3	6	11	28	50	77	119	162
-27.5°	0	0	0	3	6	12	28	50	74	115	158
-30°	0	0	0	3	7	13	28	50	74	112	153
-32.5°	0	0	0	3	7	13	27	50	74	108	147
-35°	0	0	0	3	8	14	27	49	73	103	139
-37.5°	0	0	0	2	8	14	27	48	71	99	136
-40°	0	0	0	2	9	14	27	46	69	96	132
-42.5°	0	0	0	2	9	15	26	44	66	93	128
-45°	0	0	0	1	8	15	25	43	64	89	121
-47.5°	0	0	0	1	8	15	24	41	61	83	115
-50°	0	0	0	1	7	14	23	38	58	79	107
-52.5°	0	0	0	1	7	14	22	35	54	74	98
-55°	0	0	0	1	6	13	21	32	49	68	91
-57.5°	0	0	0	1	6	12	19	30	44	62	83
-60°	0	0	0	2	5	11	17	27	40	56	74
-62.5°	0	0	0	2	5	10	16	24	36	49	67
-65°	0	0	0	2	5	9	15	21	32	44	58
-67.5°	0	0	0	1	4	8	14	20	28	39	51
-70°	0	0	0	1	4	8	13	18	24	33	44
-72.5°	0	0	0	1	4	7	11	15	21	28	37
-75°	0	0	0	1	3	6	10	13	17	22	30
-77.5°	0	0	0	1	3	5	8	11	14	17	22
-80°	0	0	0	1	2	4	7	8	10	13	16
-82.5°	0	0	0	1	2	3	5	6	7	8	10
-85°	0	0	0	0	1	2	3	4	5	5	6
-87.5°	0	0	0	0	1	1	2	2	2	3	3
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627674 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-727-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	1	1	2	2
60°	0	0	1	2	1	3	4	5	6	6	14
57.5°	1	1	3	4	5	8	11	13	21	31	37
55°	2	4	5	6	10	16	22	34	45	59	71
52.5°	4	7	6	10	20	29	43	59	77	90	102
50°	6	8	9	22	34	49	70	92	107	120	139
47.5°	9	10	20	35	52	75	102	121	136	160	188
45°	13	19	33	51	74	106	130	148	174	203	231
42.5°	18	30	48	67	104	134	157	183	211	243	274
40°	26	40	64	95	132	161	190	219	248	285	318
37.5°	35	56	83	121	158	191	224	256	292	332	370
35°	43	71	105	144	183	222	258	296	340	384	427
32.5°	54	87	125	167	208	252	292	341	387	434	488
30°	69	104	143	189	232	279	330	384	430	483	541
27.5°	84	120	163	209	255	305	367	421	471	529	591
25°	98	136	181	228	278	336	402	457	510	574	648
22.5°	112	152	202	245	300	367	435	497	557	620	706
20°	125	170	221	268	322	397	468	537	607	686	783
17.5°	138	186	240	293	352	426	501	578	656	753	874
15°	150	201	258	316	380	455	534	619	710	822	961
12.5°	161	215	276	337	404	481	563	651	757	892	1064
10°	172	228	293	356	425	505	589	680	794	939	1141
7.5°	181	239	309	374	444	526	610	705	825	979	1202
5°	189	251	320	386	458	542	628	726	849	1011	1252
2.5°	196	261	330	396	470	552	639	739	866	1040	1289
0°	202	270	337	404	478	559	647	748	876	1065	1314
-2.5°	209	278	345	413	488	566	654	756	888	1072	1320
-5°	214	285	351	419	494	571	658	759	893	1073	1323
-7.5°	217	290	355	424	499	575	662	763	897	1071	1322
-10°	219	293	358	428	503	579	662	762	892	1060	1300
-12.5°	224	294	360	429	505	580	660	755	879	1039	1259
-15°	226	294	360	428	503	579	654	743	860	1013	1204
-17.5°	227	294	359	425	500	576	647	732	841	984	1166
-20°	227	292	355	419	494	569	640	723	824	951	1114

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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	225	290	351	412	485	558	631	708	802	909	1056
-25°	222	286	346	407	474	545	618	689	779	881	1005
-27.5°	217	281	340	400	463	530	601	672	753	847	954
-30°	208	273	332	391	452	516	581	652	725	812	910
-32.5°	198	263	321	379	440	501	560	628	699	774	863
-35°	190	251	309	365	427	485	541	601	670	741	815
-37.5°	184	239	296	350	408	466	519	575	637	706	774
-40°	177	226	282	335	387	445	498	548	604	670	735
-42.5°	169	217	268	320	369	422	476	524	576	637	699
-45°	162	206	254	303	353	400	450	501	552	606	664
-47.5°	153	195	241	285	334	381	425	474	526	577	628
-50°	143	184	225	267	312	360	405	447	495	545	595
-52.5°	132	170	208	247	289	334	380	424	465	508	556
-55°	119	154	191	227	264	306	350	394	437	476	518
-57.5°	107	137	172	207	241	276	319	361	402	442	483
-60°	96	121	151	185	219	252	287	326	366	404	441
-62.5°	85	107	132	161	193	226	259	293	328	361	394
-65°	75	93	115	139	166	195	226	258	290	317	343
-67.5°	64	80	97	117	141	165	189	218	247	272	295
-70°	55	66	81	98	116	136	158	181	203	225	247
-72.5°	46	56	67	78	94	112	129	147	166	185	204
-75°	38	45	54	64	75	89	104	120	135	150	165
-77.5°	29	36	43	50	58	69	81	93	106	118	131
-80°	21	26	33	39	45	52	59	67	76	86	96
-82.5°	14	18	23	28	31	35	39	44	51	58	65
-85°	8	10	13	16	18	20	22	25	29	33	37
-87.5°	4	5	6	8	8	9	9	10	11	13	15
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627674 (CONVERTED FROM TYPE C PHOTOMETRY)
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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	1	2	1	1	0	0
62.5°	2	3	5	7	8	8	9	9	9	9	9
60°	17	17	25	31	30	23	33	38	36	31	31
57.5°	47	59	68	71	80	94	98	96	98	102	115
55°	83	92	99	112	126	139	149	156	164	172	183
52.5°	113	128	139	153	171	182	187	206	222	235	243
50°	160	176	194	213	230	246	260	279	301	324	338
47.5°	210	231	254	281	301	317	334	359	390	417	434
45°	257	281	310	336	358	380	406	437	468	496	517
42.5°	299	326	356	386	406	440	476	509	547	582	608
40°	347	374	418	449	475	511	565	612	657	700	727
37.5°	406	450	498	535	571	615	690	762	820	877	918
35°	475	528	587	629	682	765	857	957	1058	1138	1210
32.5°	541	600	660	726	808	925	1041	1201	1350	1502	1646
30°	600	667	740	824	957	1120	1308	1554	1820	2086	2390
27.5°	662	736	823	958	1158	1380	1728	2115	2667	3111	3826
25°	730	813	931	1147	1424	1815	2422	3112	4253	5228	6327
22.5°	813	940	1108	1377	1839	2544	3487	4991	6744	8372	9924
20°	914	1086	1373	1802	2465	3549	5338	7620	10057	12438	14742
17.5°	1048	1322	1732	2342	3282	5559	8222	11482	15655	18790	21762
15°	1170	1516	2136	3124	4893	7825	11546	16538	22156	26880	32223
12.5°	1315	1733	2480	3762	6290	10165	14909	20862	27511	34681	43051
10°	1441	1955	2916	4680	7748	12257	17573	24561	33101	43246	53825
7.5°	1539	2140	3281	5369	8975	13973	20314	28813	39629	51487	63551
5°	1614	2284	3567	5909	10020	15366	22315	32178	44506	58117	70113
2.5°	1673	2385	3756	6241	10725	16318	23683	33966	47490	62445	75041
0°	1719	2446	3862	6477	11053	16768	24316	34689	48889	64565	77519
-2.5°	1734	2479	3867	6395	10853	16741	24168	34246	47924	63723	76993
-5°	1740	2462	3769	6225	10500	16140	23201	32563	44978	59797	73245
-7.5°	1728	2396	3572	5808	9706	15080	21849	30067	40243	53309	67208
-10°	1681	2281	3304	5242	8613	13426	19746	26689	34818	45485	56748
-12.5°	1597	2110	2935	4395	7326	11554	17150	23288	29623	36633	45898
-15°	1496	1933	2633	3881	6134	9587	14119	19303	24561	29929	35580
-17.5°	1420	1781	2323	3195	4709	7501	11125	15292	19557	23820	27626
-20°	1323	1598	2022	2700	3800	5452	8177	11419	14606	18082	21000

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REPORT NUMBER: P627674 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-727-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°	1236	1470	1787	2214	2954	4117	5671	7953	10375	12899	15295
-25°	1154	1331	1583	1926	2368	3059	4086	5279	6979	8531	10310
-27.5°	1085	1233	1405	1658	1993	2372	3002	3698	4589	5330	6517
-30°	1018	1137	1278	1441	1687	1975	2313	2736	3171	3609	4178
-32.5°	956	1056	1166	1298	1450	1666	1876	2147	2386	2649	2920
-35°	895	984	1075	1179	1296	1438	1596	1775	1934	2092	2235
-37.5°	843	917	996	1079	1172	1271	1395	1522	1628	1732	1819
-40°	798	860	926	995	1070	1150	1246	1339	1411	1478	1534
-42.5°	758	812	864	922	985	1058	1133	1204	1254	1300	1337
-45°	720	766	814	862	913	977	1041	1097	1135	1170	1197
-47.5°	678	721	764	808	857	908	959	1001	1035	1065	1085
-50°	638	680	719	755	799	844	889	924	954	980	994
-52.5°	599	639	678	715	751	787	822	855	886	913	923
-55°	561	600	635	670	705	738	770	799	826	852	860
-57.5°	523	563	600	629	658	688	719	747	774	797	806
-60°	480	521	553	581	609	638	664	690	716	739	749
-62.5°	430	466	496	522	549	573	597	621	644	663	674
-65°	370	401	430	456	480	502	525	546	565	580	589
-67.5°	318	341	365	389	413	435	455	474	491	504	511
-70°	268	289	311	332	353	373	390	407	423	434	442
-72.5°	222	241	260	280	299	315	330	345	359	368	376
-75°	181	196	213	229	245	259	271	283	295	303	310
-77.5°	144	156	167	180	192	203	213	223	231	238	244
-80°	106	116	125	134	143	151	158	166	173	179	185
-82.5°	72	79	86	94	101	105	109	113	116	121	126
-85°	42	46	51	55	60	63	65	68	71	74	76
-87.5°	17	18	20	22	24	25	25	26	26	28	30
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627674 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-727-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	1
62.5°	8	7	7	7	7	7	8	9	9	9	9
60°	29	27	27	27	27	27	29	31	31	36	38
57.5°	126	135	140	142	140	135	126	115	102	98	96
55°	191	198	199	195	199	198	191	183	172	164	156
52.5°	247	248	246	243	246	248	247	243	235	222	206
50°	343	342	342	344	342	342	343	338	324	301	279
47.5°	441	446	447	445	447	446	441	434	417	390	359
45°	527	533	535	532	535	533	527	517	496	468	437
42.5°	619	623	625	627	625	623	619	608	582	547	509
40°	740	744	743	741	743	744	740	727	700	657	612
37.5°	946	960	967	984	967	960	946	918	877	820	762
35°	1266	1301	1319	1348	1319	1301	1266	1210	1138	1058	957
32.5°	1749	1819	1856	1894	1856	1819	1749	1646	1502	1350	1201
30°	2599	2738	2795	2898	2795	2738	2599	2390	2086	1820	1554
27.5°	4351	4681	4811	5082	4811	4681	4351	3826	3111	2667	2115
25°	7329	8039	8431	8741	8431	8039	7329	6327	5228	4253	3112
22.5°	11490	12532	13088	13499	13088	12532	11490	9924	8372	6744	4991
20°	16829	18204	19024	19619	19024	18204	16829	14742	12438	10057	7620
17.5°	25577	27737	29000	30086	29000	27737	25577	21762	18790	15655	11482
15°	38184	42525	45898	47777	45898	42525	38184	32223	26880	22156	16538
12.5°	50449	56806	60583	62321	60583	56806	50449	43051	34681	27511	20862
10°	62578	68573	72166	72801	72166	68573	62578	53825	43246	33101	24561
7.5°	71864	78456	83231	84966	83231	78456	71864	63551	51487	39629	28813
5°	80065	87784	92837	93478	92837	87784	80065	70113	58117	44506	32178
2.5°	86098	94489	99389	101073	99389	94489	86098	75041	62445	47490	33966
0°	89016	98054	103506	105960	103506	98054	89016	77519	64565	48889	34689
-2.5°	88402	97750	103836	107038	103836	97750	88402	76993	63723	47924	34246
-5°	85041	94416	100091	103493	100091	94416	85041	73245	59797	44978	32563
-7.5°	77290	86057	92098	95237	92098	86057	77290	67208	53309	40243	30067
-10°	67302	74722	80228	82903	80228	74722	67302	56748	45485	34818	26689
-12.5°	54323	61520	66487	68380	66487	61520	54323	45898	36633	29623	23288
-15°	41621	47114	50643	51760	50643	47114	41621	35580	29929	24561	19303
-17.5°	31564	34521	36506	37041	36506	34521	31564	27626	23820	19557	15292
-20°	23647	25480	26768	27073	26768	25480	23647	21000	18082	14606	11419

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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°	17230	18607	19648	19855	19648	18607	17230	15295	12899	10375	7953
-25°	11885	13037	13743	13796	13743	13037	11885	10310	8531	6979	5279
-27.5°	7451	8084	8411	8526	8411	8084	7451	6517	5330	4589	3698
-30°	4604	4896	5050	5055	5050	4896	4604	4178	3609	3171	2736
-32.5°	3126	3267	3343	3343	3343	3267	3126	2920	2649	2386	2147
-35°	2342	2414	2456	2460	2456	2414	2342	2235	2092	1934	1775
-37.5°	1883	1923	1944	1948	1944	1923	1883	1819	1732	1628	1522
-40°	1574	1602	1620	1631	1620	1602	1574	1534	1478	1411	1339
-42.5°	1362	1380	1388	1382	1388	1380	1362	1337	1300	1254	1204
-45°	1213	1224	1231	1233	1231	1224	1213	1197	1170	1135	1097
-47.5°	1095	1100	1103	1105	1103	1100	1095	1085	1065	1035	1001
-50°	1001	1006	1007	1004	1007	1006	1001	994	980	954	924
-52.5°	926	928	929	930	929	928	926	923	913	886	855
-55°	865	867	869	869	869	867	865	860	852	826	799
-57.5°	813	819	819	816	819	819	813	806	797	774	747
-60°	757	764	767	768	767	764	757	749	739	716	690
-62.5°	683	690	693	694	693	690	683	674	663	644	621
-65°	597	603	612	620	612	603	597	589	580	565	546
-67.5°	518	523	531	539	531	523	518	511	504	491	474
-70°	449	456	458	458	458	456	449	442	434	423	407
-72.5°	383	389	390	391	390	389	383	376	368	359	345
-75°	316	322	323	324	323	322	316	310	303	295	283
-77.5°	250	255	256	256	256	255	250	244	238	231	223
-80°	190	194	192	189	192	194	190	185	179	173	166
-82.5°	130	134	131	128	131	134	130	126	121	116	113
-85°	78	81	77	74	77	81	78	76	74	71	68
-87.5°	32	34	30	27	30	34	32	30	28	26	26
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627674 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-727-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	1	0	0	0	0	0	0	0	0	0
62.5°	9	8	8	7	5	3	2	2	2	1	1
60°	33	23	30	31	25	17	17	14	6	6	5
57.5°	98	94	80	71	68	59	47	37	31	21	13
55°	149	139	126	112	99	92	83	71	59	45	34
52.5°	187	182	171	153	139	128	113	102	90	77	59
50°	260	246	230	213	194	176	160	139	120	107	92
47.5°	334	317	301	281	254	231	210	188	160	136	121
45°	406	380	358	336	310	281	257	231	203	174	148
42.5°	476	440	406	386	356	326	299	274	243	211	183
40°	565	511	475	449	418	374	347	318	285	248	219
37.5°	690	615	571	535	498	450	406	370	332	292	256
35°	857	765	682	629	587	528	475	427	384	340	296
32.5°	1041	925	808	726	660	600	541	488	434	387	341
30°	1308	1120	957	824	740	667	600	541	483	430	384
27.5°	1728	1380	1158	958	823	736	662	591	529	471	421
25°	2422	1815	1424	1147	931	813	730	648	574	510	457
22.5°	3487	2544	1839	1377	1108	940	813	706	620	557	497
20°	5338	3549	2465	1802	1373	1086	914	783	686	607	537
17.5°	8222	5559	3282	2342	1732	1322	1048	874	753	656	578
15°	11546	7825	4893	3124	2136	1516	1170	961	822	710	619
12.5°	14909	10165	6290	3762	2480	1733	1315	1064	892	757	651
10°	17573	12257	7748	4680	2916	1955	1441	1141	939	794	680
7.5°	20314	13973	8975	5369	3281	2140	1539	1202	979	825	705
5°	22315	15366	10020	5909	3567	2284	1614	1252	1011	849	726
2.5°	23683	16318	10725	6241	3756	2385	1673	1289	1040	866	739
0°	24316	16768	11053	6477	3862	2446	1719	1314	1065	876	748
-2.5°	24168	16741	10853	6395	3867	2479	1734	1320	1072	888	756
-5°	23201	16140	10500	6225	3769	2462	1740	1323	1073	893	759
-7.5°	21849	15080	9706	5808	3572	2396	1728	1322	1071	897	763
-10°	19746	13426	8613	5242	3304	2281	1681	1300	1060	892	762
-12.5°	17150	11554	7326	4395	2935	2110	1597	1259	1039	879	755
-15°	14119	9587	6134	3881	2633	1933	1496	1204	1013	860	743
-17.5°	11125	7501	4709	3195	2323	1781	1420	1166	984	841	732
-20°	8177	5452	3800	2700	2022	1598	1323	1114	951	824	723

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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°	5671	4117	2954	2214	1787	1470	1236	1056	909	802	708
-25°	4086	3059	2368	1926	1583	1331	1154	1005	881	779	689
-27.5°	3002	2372	1993	1658	1405	1233	1085	954	847	753	672
-30°	2313	1975	1687	1441	1278	1137	1018	910	812	725	652
-32.5°	1876	1666	1450	1298	1166	1056	956	863	774	699	628
-35°	1596	1438	1296	1179	1075	984	895	815	741	670	601
-37.5°	1395	1271	1172	1079	996	917	843	774	706	637	575
-40°	1246	1150	1070	995	926	860	798	735	670	604	548
-42.5°	1133	1058	985	922	864	812	758	699	637	576	524
-45°	1041	977	913	862	814	766	720	664	606	552	501
-47.5°	959	908	857	808	764	721	678	628	577	526	474
-50°	889	844	799	755	719	680	638	595	545	495	447
-52.5°	822	787	751	715	678	639	599	556	508	465	424
-55°	770	738	705	670	635	600	561	518	476	437	394
-57.5°	719	688	658	629	600	563	523	483	442	402	361
-60°	664	638	609	581	553	521	480	441	404	366	326
-62.5°	597	573	549	522	496	466	430	394	361	328	293
-65°	525	502	480	456	430	401	370	343	317	290	258
-67.5°	455	435	413	389	365	341	318	295	272	247	218
-70°	390	373	353	332	311	289	268	247	225	203	181
-72.5°	330	315	299	280	260	241	222	204	185	166	147
-75°	271	259	245	229	213	196	181	165	150	135	120
-77.5°	213	203	192	180	167	156	144	131	118	106	93
-80°	158	151	143	134	125	116	106	96	86	76	67
-82.5°	109	105	101	94	86	79	72	65	58	51	44
-85°	65	63	60	55	51	46	42	37	33	29	25
-87.5°	25	25	24	22	20	18	17	15	13	11	10
-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°	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°	4	3	1	2	1	0	0	2	1	0	0
57.5°	11	8	5	4	3	1	1	2	3	1	0
55°	22	16	10	6	5	4	2	3	4	3	0
52.5°	43	29	20	10	6	7	4	3	5	5	2
50°	70	49	34	22	9	8	6	5	5	6	4
47.5°	102	75	52	35	20	10	9	6	5	7	5
45°	130	106	74	51	33	19	13	7	6	7	6
42.5°	157	134	104	67	48	30	18	11	7	7	7
40°	190	161	132	95	64	40	26	16	7	7	7
37.5°	224	191	158	121	83	56	35	22	10	8	7
35°	258	222	183	144	105	71	43	29	16	10	7
32.5°	292	252	208	167	125	87	54	37	22	12	7
30°	330	279	232	189	143	104	69	45	28	15	7
27.5°	367	305	255	209	163	120	84	54	34	19	9
25°	402	336	278	228	181	136	98	63	41	24	12
22.5°	435	367	300	245	202	152	112	75	48	29	14
20°	468	397	322	268	221	170	125	87	56	33	17
17.5°	501	426	352	293	240	186	138	97	63	37	20
15°	534	455	380	316	258	201	150	107	71	41	23
12.5°	563	481	404	337	276	215	161	115	78	45	26
10°	589	505	425	356	293	228	172	123	85	48	30
7.5°	610	526	444	374	309	239	181	131	92	52	33
5°	628	542	458	386	320	251	189	137	98	55	35
2.5°	639	552	470	396	330	261	196	143	103	58	38
0°	647	559	478	404	337	270	202	148	108	61	40
-2.5°	654	566	488	413	345	278	209	153	112	67	41
-5°	658	571	494	419	351	285	214	156	115	72	42
-7.5°	662	575	499	424	355	290	217	159	117	77	42
-10°	662	579	503	428	358	293	219	160	119	80	43
-12.5°	660	580	505	429	360	294	224	164	121	82	43
-15°	654	579	503	428	360	294	226	167	123	83	43
-17.5°	647	576	500	425	359	294	227	169	123	82	45
-20°	640	569	494	419	355	292	227	168	123	81	47

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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627674 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-727-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°	631	558	485	412	351	290	225	166	122	79	49
-25°	618	545	474	407	346	286	222	162	119	77	50
-27.5°	601	530	463	400	340	281	217	158	115	74	50
-30°	581	516	452	391	332	273	208	153	112	74	50
-32.5°	560	501	440	379	321	263	198	147	108	74	50
-35°	541	485	427	365	309	251	190	139	103	73	49
-37.5°	519	466	408	350	296	239	184	136	99	71	48
-40°	498	445	387	335	282	226	177	132	96	69	46
-42.5°	476	422	369	320	268	217	169	128	93	66	44
-45°	450	400	353	303	254	206	162	121	89	64	43
-47.5°	425	381	334	285	241	195	153	115	83	61	41
-50°	405	360	312	267	225	184	143	107	79	58	38
-52.5°	380	334	289	247	208	170	132	98	74	54	35
-55°	350	306	264	227	191	154	119	91	68	49	32
-57.5°	319	276	241	207	172	137	107	83	62	44	30
-60°	287	252	219	185	151	121	96	74	56	40	27
-62.5°	259	226	193	161	132	107	85	67	49	36	24
-65°	226	195	166	139	115	93	75	58	44	32	21
-67.5°	189	165	141	117	97	80	64	51	39	28	20
-70°	158	136	116	98	81	66	55	44	33	24	18
-72.5°	129	112	94	78	67	56	46	37	28	21	15
-75°	104	89	75	64	54	45	38	30	22	17	13
-77.5°	81	69	58	50	43	36	29	22	17	14	11
-80°	59	52	45	39	33	26	21	16	13	10	8
-82.5°	39	35	31	28	23	18	14	10	8	7	6
-85°	22	20	18	16	13	10	8	6	5	5	4
-87.5°	9	9	8	8	6	5	4	3	3	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0

Classified

Cooper Lighting Solutions Photometric Lab
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CATALOG NUMBER: GFLD-SA5D-727-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°	1	0	0	0	0	0	0
50°	2	1	0	0	0	0	0
47.5°	3	1	0	0	0	0	0
45°	4	2	0	0	0	0	0
42.5°	5	3	0	0	0	0	0
40°	5	4	0	0	0	0	0
37.5°	6	5	1	0	0	0	0
35°	6	5	2	0	0	0	0
32.5°	7	6	2	0	0	0	0
30°	7	6	3	0	0	0	0
27.5°	7	6	4	0	0	0	0
25°	7	7	4	0	0	0	0
22.5°	7	7	5	0	0	0	0
20°	7	7	5	0	0	0	0
17.5°	7	7	5	0	0	0	0
15°	8	7	6	0	0	0	0
12.5°	9	7	6	0	0	0	0
10°	10	7	6	0	0	0	0
7.5°	11	7	6	0	0	0	0
5°	12	7	7	0	0	0	0
2.5°	13	7	7	0	0	0	0
0°	13	7	7	0	0	0	0
-2.5°	16	7	7	0	0	0	0
-5°	19	8	7	1	0	0	0
-7.5°	21	9	7	1	0	0	0
-10°	23	9	6	2	0	0	0
-12.5°	25	10	6	2	0	0	0
-15°	26	10	6	2	0	0	0
-17.5°	27	11	6	3	0	0	0
-20°	27	11	6	3	0	0	0

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CATALOG NUMBER: GFLD-SA5D-727-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	28	11	6	3	0	0	0
-25°	28	11	6	3	0	0	0
-27.5°	28	12	6	3	0	0	0
-30°	28	13	7	3	0	0	0
-32.5°	27	13	7	3	0	0	0
-35°	27	14	8	3	0	0	0
-37.5°	27	14	8	2	0	0	0
-40°	27	14	9	2	0	0	0
-42.5°	26	15	9	2	0	0	0
-45°	25	15	8	1	0	0	0
-47.5°	24	15	8	1	0	0	0
-50°	23	14	7	1	0	0	0
-52.5°	22	14	7	1	0	0	0
-55°	21	13	6	1	0	0	0
-57.5°	19	12	6	1	0	0	0
-60°	17	11	5	2	0	0	0
-62.5°	16	10	5	2	0	0	0
-65°	15	9	5	2	0	0	0
-67.5°	14	8	4	1	0	0	0
-70°	13	8	4	1	0	0	0
-72.5°	11	7	4	1	0	0	0
-75°	10	6	3	1	0	0	0
-77.5°	8	5	3	1	0	0	0
-80°	7	4	2	1	0	0	0
-82.5°	5	3	2	1	0	0	0
-85°	3	2	1	0	0	0	0
-87.5°	2	1	1	0	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)