

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: P627554 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA5B-727-U-MR-VSR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627554 (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-SA5B-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
Luminaire Lumens: 19432.5 lumens
Efficiency: N/A
Efficacy: 122.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 4H x 4V
Max Intensity: 68515.5 candela
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V
Beam Lumens: 9716.4 lumens
Beam Efficiency: 50.0%

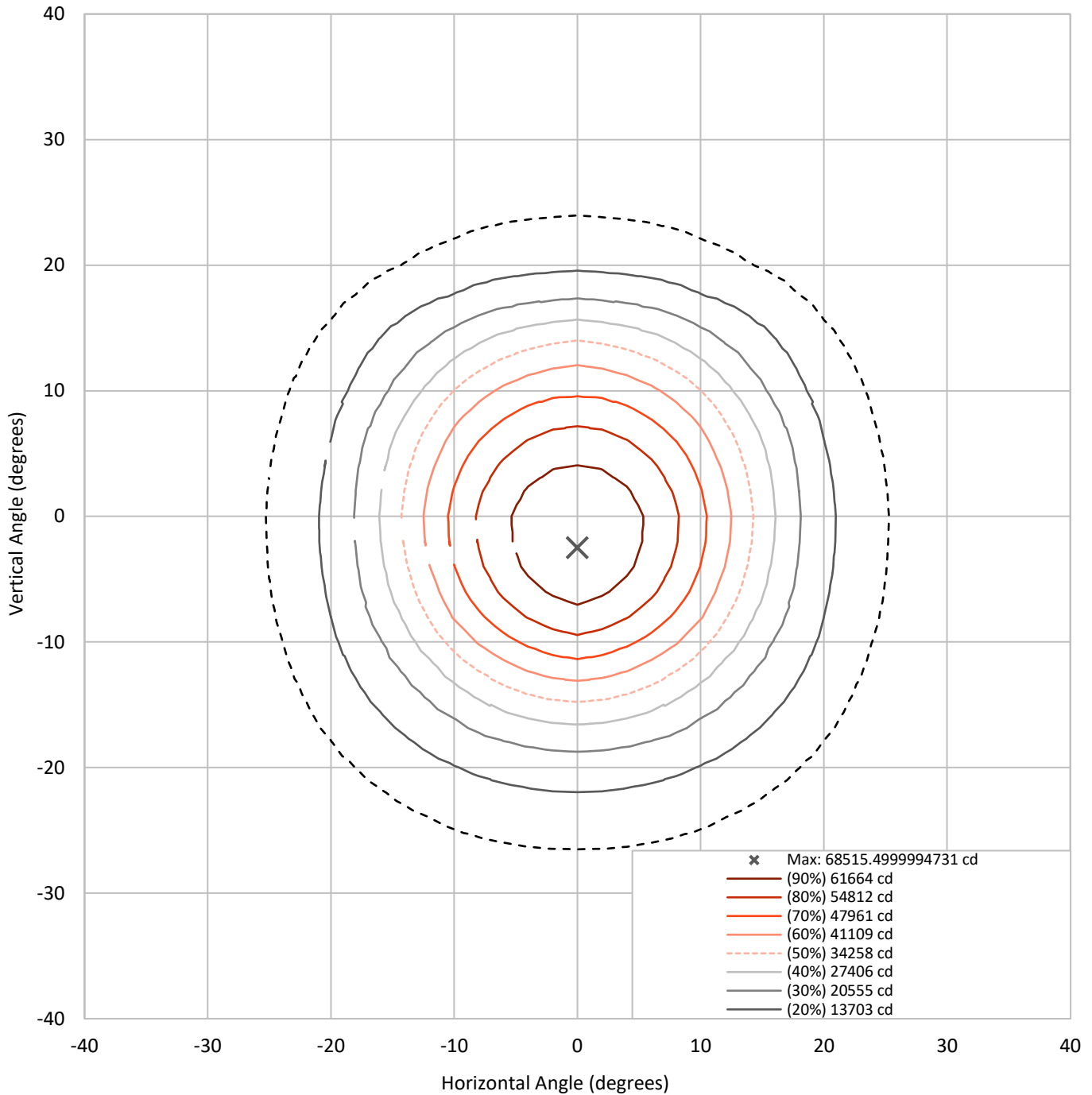
Field Angle (10%): 50.2°H x 50.4°V
Field Lumens: 16696.1 lumens
Field Efficiency: 85.9%

Input Watts (W): 158.7
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: P627554 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5B-727-U-MR-VSR-XX

Iso-Candela Plot





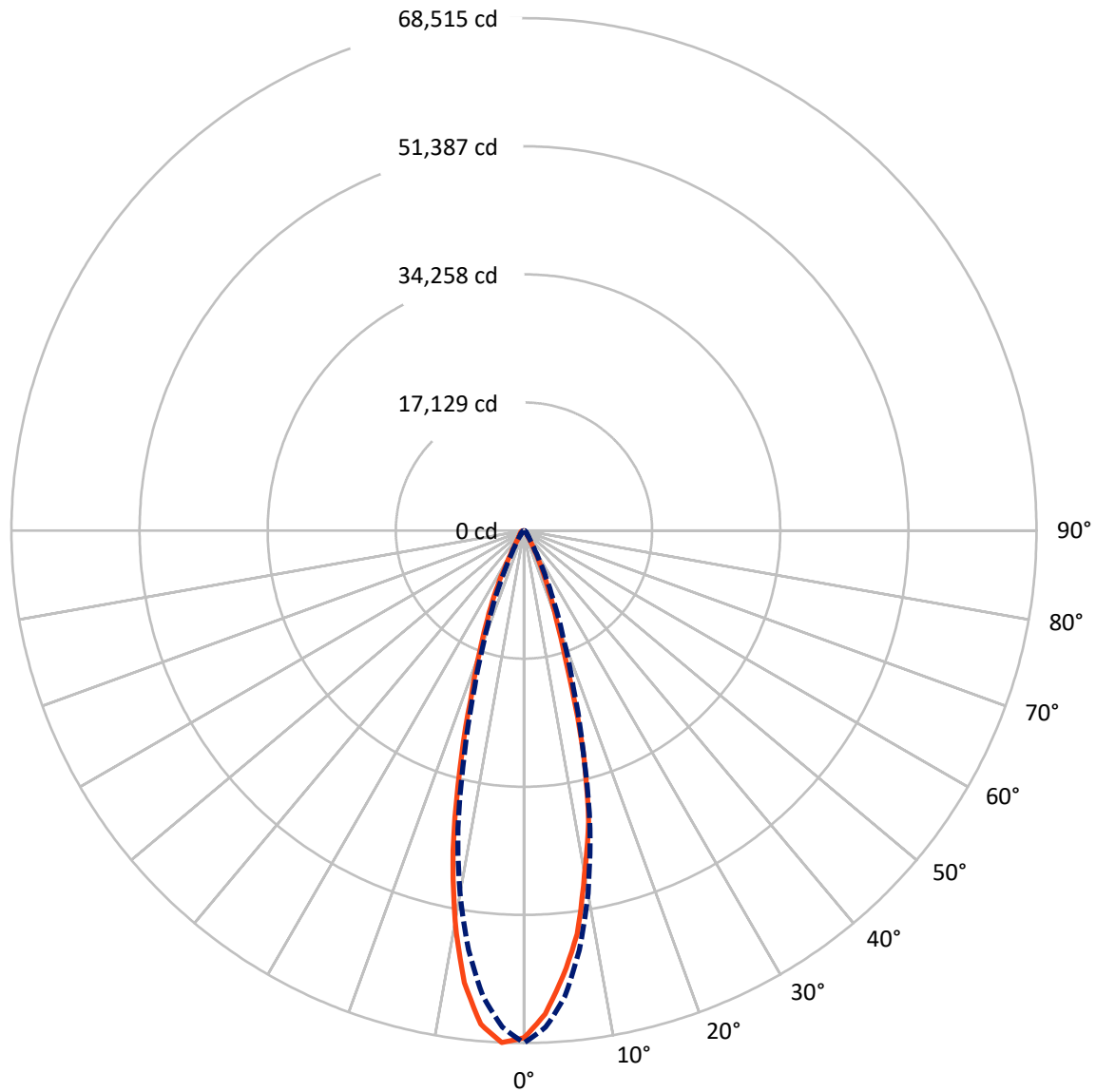
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Lumen Table

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	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0			
50		0.0	0.1	0.5	1.3	2.2	3.1	3.7	3.7	3.1	2.2	1.3	0.5	0.1	0.0				
40	0.1	0.1	0.7	2.1	4.1	6.3	8.8	10.4	10.4	8.8	6.3	4.1	2.1	0.7	0.1	0.1			
30		0.3	1.6	4.2	7.6	12.6	21.0	28.0	28.0	21.0	12.6	7.6	4.2	1.6	0.3				
20	0.1	0.6	2.6	6.3	12.1	29.4	92.2	169.1	169.1	92.2	29.4	12.1	6.3	2.6	0.6	0.1			
10		1.0	3.6	8.6	20.7	101.2	411.5	805.8	805.8	411.5	101.2	20.7	8.6	3.6	1.0				
0	0.3	1.2	4.4	10.3	29.7	192.9	830.9	1628.7	1628.7	830.9	192.9	29.7	10.3	4.4	1.2	0.3			
-10		1.4	4.8	10.9	31.7	202.1	852.6	1727.0	1727.0	852.6	202.1	31.7	10.9	4.8	1.4				
-20	0.4	1.5	4.9	10.6	26.1	124.1	471.5	913.9	913.9	471.5	124.1	26.1	10.6	4.9	1.5	0.4			
-30		1.5	4.6	9.7	19.1	48.2	146.0	260.5	260.5	146.0	48.2	19.1	9.7	4.6	1.5				
-40	0.4	1.3	4.1	8.4	14.5	23.8	38.8	51.9	51.9	38.8	23.8	14.5	8.4	4.1	1.3	0.4			
-50		1.1	3.4	6.9	11.4	16.4	21.6	24.2	24.2	21.6	16.4	11.4	6.9	3.4	1.1				
-60	0.2	0.8	2.6	5.4	8.9	12.4	15.6	16.9	16.9	15.6	12.4	8.9	5.4	2.6	0.8	0.2			
-70		0.5	1.6	3.5	6.0	8.5	10.6	11.8	11.8	10.6	8.5	6.0	3.5	1.6	0.5				
-80	0.1	1.3	5.7	12.4	15.7	12.4	5.7	1.3	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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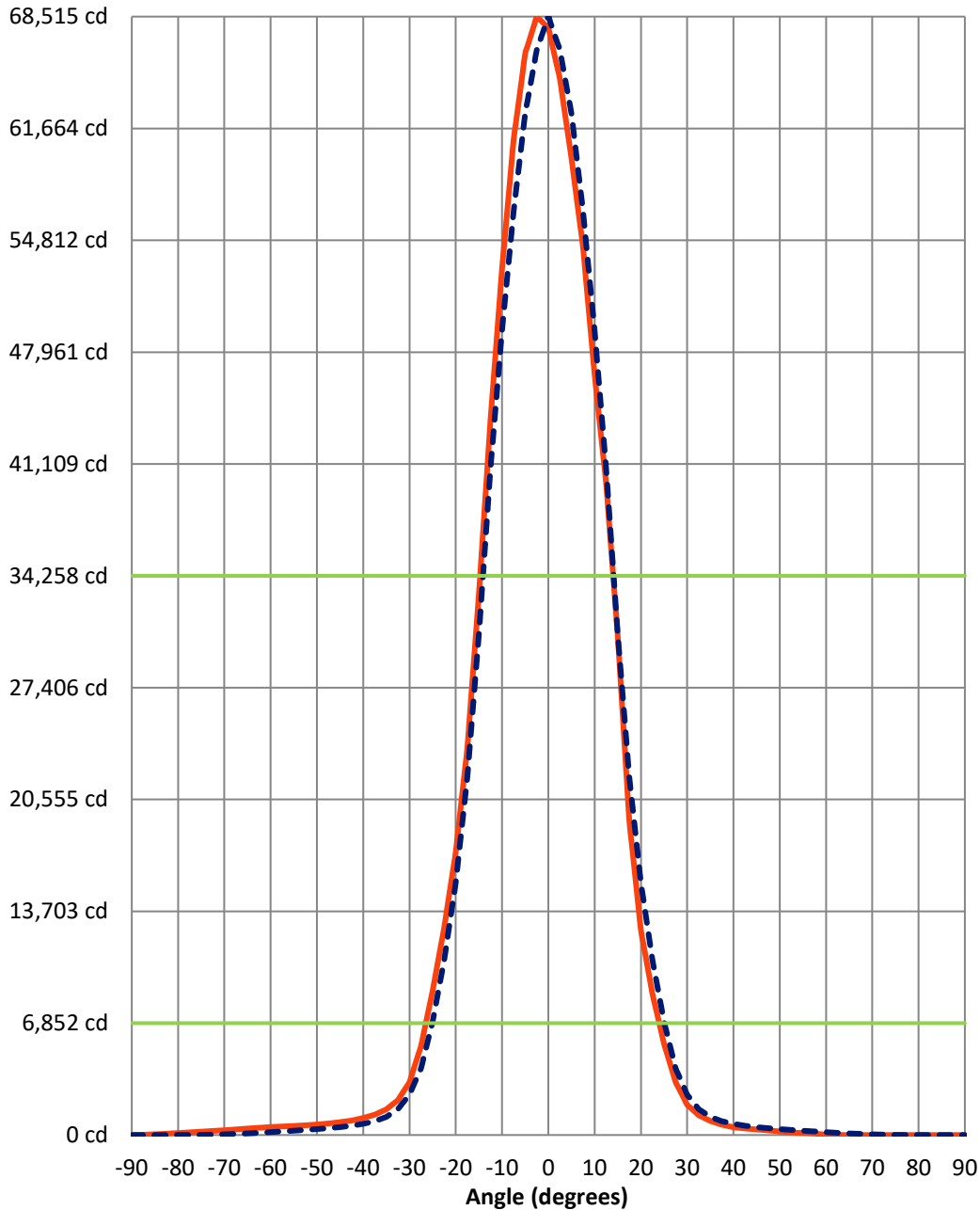
Luminous Intensity Polar Plot



— 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: 9716.4
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 16696.1
 Efficiency: 85.9%

Spill:
 Lumens: 2736.4
 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	1	1
57.5°	0	0	0	0	0	0	0	0	1	2	2
55°	0	0	0	0	0	0	0	0	2	3	2
52.5°	0	0	0	0	0	0	1	1	3	3	2
50°	0	0	0	0	0	0	1	2	4	3	3
47.5°	0	0	0	0	0	1	2	3	4	3	4
45°	0	0	0	0	0	1	2	4	4	4	4
42.5°	0	0	0	0	0	2	3	4	4	4	7
40°	0	0	0	0	0	2	3	4	4	4	10
37.5°	0	0	0	0	1	3	4	4	5	6	14
35°	0	0	0	0	1	3	4	4	6	10	19
32.5°	0	0	0	0	2	4	4	4	8	14	23
30°	0	0	0	0	2	4	4	5	10	18	29
27.5°	0	0	0	0	2	4	4	6	12	22	34
25°	0	0	0	0	3	4	4	7	15	26	40
22.5°	0	0	0	0	3	4	4	9	18	31	48
20°	0	0	0	0	3	4	4	11	21	36	56
17.5°	0	0	0	0	3	4	5	13	24	41	62
15°	0	0	0	0	4	4	5	15	26	45	68
12.5°	0	0	0	0	4	4	6	17	29	50	74
10°	0	0	0	0	4	4	6	19	31	55	79
7.5°	0	0	0	0	4	4	7	21	33	59	84
5°	0	0	0	0	4	4	7	23	35	63	88
2.5°	0	0	0	0	4	4	8	24	37	66	92
0°	0	0	0	0	4	4	9	26	39	69	95
-2.5°	0	0	0	0	4	5	10	26	43	71	98
-5°	0	0	0	1	4	5	12	27	46	73	100
-7.5°	0	0	0	1	4	6	13	27	49	75	102
-10°	0	0	0	1	4	6	15	27	51	76	103
-12.5°	0	0	0	1	4	6	16	27	53	78	105
-15°	0	0	0	2	4	7	17	28	53	79	107
-17.5°	0	0	0	2	4	7	17	29	52	79	108
-20°	0	0	0	2	4	7	17	30	52	79	108

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REPORT NUMBER: P627554 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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	2	4	7	18	31	50	78	106
-25°	0	0	0	2	4	7	18	32	49	76	104
-27.5°	0	0	0	2	4	8	18	32	48	74	101
-30°	0	0	0	2	4	8	18	32	47	71	98
-32.5°	0	0	0	2	5	9	17	32	47	69	94
-35°	0	0	0	2	5	9	17	31	47	66	89
-37.5°	0	0	0	1	5	9	18	31	45	63	87
-40°	0	0	0	1	6	9	17	30	44	61	85
-42.5°	0	0	0	1	6	9	17	28	42	59	82
-45°	0	0	0	1	5	9	16	27	41	57	78
-47.5°	0	0	0	1	5	9	15	26	39	53	74
-50°	0	0	0	1	5	9	15	24	37	51	69
-52.5°	0	0	0	1	4	9	14	23	34	48	63
-55°	0	0	0	1	4	8	13	20	32	44	58
-57.5°	0	0	0	1	4	8	12	19	28	40	53
-60°	0	0	0	1	3	7	11	17	25	36	48
-62.5°	0	0	0	1	3	7	10	15	23	32	43
-65°	0	0	0	1	3	6	10	14	20	28	37
-67.5°	0	0	0	1	3	5	9	13	18	25	33
-70°	0	0	0	1	3	5	8	11	16	21	28
-72.5°	0	0	0	1	2	4	7	10	13	18	24
-75°	0	0	0	1	2	4	6	8	11	14	19
-77.5°	0	0	0	1	2	3	5	7	9	11	14
-80°	0	0	0	1	1	3	4	5	7	8	10
-82.5°	0	0	0	0	1	2	3	4	4	5	7
-85°	0	0	0	0	1	1	2	3	3	3	4
-87.5°	0	0	0	0	0	1	1	1	1	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627554 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5B-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	0	1	2
60°	0	0	1	1	1	2	3	3	4	4	9
57.5°	1	1	2	2	3	5	7	8	14	20	24
55°	1	3	3	4	6	10	14	22	29	38	45
52.5°	3	4	4	7	13	19	27	38	49	58	65
50°	4	5	6	14	21	31	45	59	69	77	89
47.5°	6	7	13	22	33	48	65	77	87	103	120
45°	8	12	21	33	48	68	83	94	111	130	148
42.5°	11	19	31	43	66	86	100	117	135	155	175
40°	17	26	41	61	84	103	122	140	159	183	204
37.5°	22	36	53	77	101	122	143	164	187	212	237
35°	27	46	67	92	117	142	165	189	218	246	274
32.5°	35	56	80	107	133	161	187	218	248	278	312
30°	44	67	92	121	149	178	211	246	275	309	346
27.5°	54	77	104	134	163	195	235	270	302	338	379
25°	63	87	116	146	178	215	257	293	327	367	415
22.5°	72	97	129	157	192	235	278	318	357	397	452
20°	80	109	141	172	206	254	299	344	389	439	501
17.5°	88	119	153	187	226	273	321	370	420	482	559
15°	96	129	165	202	243	291	342	396	454	526	615
12.5°	103	138	177	216	259	308	360	417	484	571	681
10°	110	146	188	228	272	323	377	435	508	601	730
7.5°	116	153	198	239	284	336	391	451	528	627	769
5°	121	161	205	247	293	347	402	465	543	647	801
2.5°	126	167	211	254	301	353	409	473	554	666	825
0°	129	173	216	259	306	358	414	479	561	682	841
-2.5°	133	178	221	264	312	363	419	484	568	686	845
-5°	137	183	224	268	316	365	421	486	572	687	847
-7.5°	139	186	227	271	320	368	423	488	574	686	846
-10°	141	188	229	274	322	370	424	488	571	678	832
-12.5°	143	188	231	275	323	371	422	483	563	665	806
-15°	145	188	231	274	322	370	419	476	550	648	771
-17.5°	146	188	230	272	320	368	414	469	538	630	747
-20°	145	187	228	268	316	364	410	463	527	609	713

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CATALOG NUMBER: GFLD-SA5B-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°
-22.5°	144	185	224	264	310	357	404	453	513	582	676
-25°	142	183	221	261	304	349	395	441	498	564	644
-27.5°	139	180	218	256	296	339	385	430	482	542	611
-30°	133	174	212	250	290	330	372	417	464	520	583
-32.5°	127	168	205	243	282	321	359	402	448	495	552
-35°	122	161	198	234	273	310	346	385	429	474	522
-37.5°	118	153	190	224	261	298	332	368	408	452	495
-40°	113	145	181	214	248	285	319	351	387	429	471
-42.5°	108	139	171	205	237	270	305	335	369	408	447
-45°	103	132	162	194	226	256	288	321	353	388	425
-47.5°	98	125	154	182	214	244	272	303	337	369	402
-50°	91	118	144	171	200	230	259	286	317	349	381
-52.5°	84	109	133	158	185	214	243	271	297	325	356
-55°	76	99	122	145	169	196	224	252	280	305	331
-57.5°	69	88	110	133	154	177	204	231	257	283	310
-60°	62	78	97	118	140	161	184	209	234	258	283
-62.5°	54	69	85	103	124	145	166	187	210	231	252
-65°	48	59	73	89	106	125	145	165	186	203	219
-67.5°	41	51	62	75	90	106	121	139	158	174	189
-70°	35	42	52	63	74	87	101	116	130	144	158
-72.5°	30	36	43	50	60	72	83	94	106	118	131
-75°	24	29	35	41	48	57	67	77	87	96	106
-77.5°	18	23	28	32	37	44	52	60	68	76	84
-80°	13	17	21	25	29	33	38	43	49	55	61
-82.5°	9	12	15	18	20	23	25	28	33	37	41
-85°	5	6	8	10	12	13	14	16	18	21	24
-87.5°	2	3	4	5	5	6	6	6	7	8	9
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627554 (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	1	1	0	0	0
62.5°	1	2	3	4	5	5	6	6	6	6	6
60°	11	11	16	20	19	15	21	24	23	20	20
57.5°	30	38	43	45	51	60	63	62	63	65	73
55°	53	59	63	72	81	89	95	100	105	110	117
52.5°	72	82	89	98	110	117	120	132	142	150	155
50°	103	113	124	136	148	158	166	179	193	208	217
47.5°	135	148	163	180	193	203	214	230	250	267	278
45°	165	180	198	215	229	243	260	280	300	317	331
42.5°	191	209	228	247	260	281	305	326	350	373	389
40°	222	239	268	287	304	327	361	392	421	448	465
37.5°	260	288	319	343	365	394	441	488	525	562	588
35°	304	338	376	402	437	490	549	613	677	729	775
32.5°	346	384	422	465	517	592	666	769	864	962	1053
30°	384	427	473	528	612	717	837	994	1165	1335	1530
27.5°	424	471	527	613	741	884	1106	1354	1707	1991	2449
25°	468	521	596	734	911	1162	1550	1992	2723	3346	4050
22.5°	520	602	709	881	1177	1628	2232	3195	4317	5359	6352
20°	585	695	879	1154	1578	2272	3417	4877	6437	7962	9436
17.5°	671	846	1108	1499	2101	3559	5263	7350	10021	12027	13930
15°	749	970	1367	2000	3132	5009	7391	10586	14182	17206	20626
12.5°	842	1109	1587	2408	4027	6507	9543	13354	17610	22199	27557
10°	922	1251	1867	2996	4959	7846	11248	15722	21188	27682	34454
7.5°	985	1370	2100	3437	5745	8944	13003	18444	25367	32957	40679
5°	1033	1462	2283	3782	6414	9836	14284	20597	28489	37201	44880
2.5°	1071	1526	2404	3995	6865	10445	15160	21742	30399	39971	48034
0°	1100	1566	2472	4146	7075	10733	15565	22204	31294	41328	49620
-2.5°	1110	1587	2475	4093	6947	10716	15470	21921	30676	40790	49283
-5°	1114	1576	2413	3985	6721	10331	14851	20844	28791	38277	46884
-7.5°	1106	1534	2286	3718	6213	9653	13986	19246	25760	34124	43020
-10°	1076	1460	2115	3355	5513	8594	12639	17084	22287	29115	36325
-12.5°	1022	1350	1878	2813	4689	7395	10978	14907	18962	23449	29379
-15°	958	1238	1685	2484	3926	6137	9038	12356	15722	19158	22775
-17.5°	909	1140	1487	2045	3015	4802	7121	9788	12519	15247	17683
-20°	847	1023	1294	1728	2432	3490	5234	7309	9350	11575	13442

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REPORT NUMBER: P627554 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5B-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°	791	941	1144	1417	1891	2635	3630	5091	6641	8257	9790
-25°	739	852	1013	1233	1516	1958	2615	3379	4467	5461	6599
-27.5°	694	789	899	1061	1275	1518	1921	2367	2938	3411	4171
-30°	652	728	818	922	1080	1264	1481	1751	2030	2310	2674
-32.5°	612	676	746	831	928	1066	1201	1374	1527	1695	1869
-35°	573	630	688	755	830	921	1022	1136	1238	1339	1430
-37.5°	540	587	638	690	750	814	893	974	1042	1108	1165
-40°	511	550	593	637	685	736	798	857	903	946	982
-42.5°	485	520	553	590	630	677	725	771	802	832	856
-45°	461	491	521	551	584	625	666	702	727	749	766
-47.5°	434	461	489	517	548	581	614	641	663	682	694
-50°	408	435	460	483	511	540	569	592	611	628	636
-52.5°	383	409	434	458	481	504	526	547	567	584	591
-55°	359	384	406	429	451	473	493	511	529	546	551
-57.5°	335	361	384	402	421	441	460	478	495	510	516
-60°	308	333	354	372	390	408	425	442	459	473	479
-62.5°	275	299	317	334	351	367	382	398	412	425	431
-65°	237	257	275	292	307	322	336	349	362	371	377
-67.5°	203	218	234	249	264	278	291	303	314	322	327
-70°	172	185	199	212	226	239	250	260	271	278	283
-72.5°	142	154	167	179	191	202	211	221	230	236	241
-75°	116	126	136	147	157	166	174	181	189	194	198
-77.5°	92	100	107	115	123	130	136	142	148	153	156
-80°	68	74	80	86	92	96	101	106	111	115	118
-82.5°	46	51	55	60	65	67	70	72	75	78	80
-85°	27	29	32	35	38	40	42	44	45	47	49
-87.5°	11	12	13	14	16	16	16	16	17	18	19
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627554 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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	0	1
62.5°	5	4	4	4	4	4	5	6	6	6	6
60°	19	17	17	17	17	17	19	20	20	23	24
57.5°	80	86	90	91	90	86	80	73	65	63	62
55°	122	127	127	125	127	127	122	117	110	105	100
52.5°	158	159	158	155	158	159	158	155	150	142	132
50°	219	219	219	220	219	219	219	217	208	193	179
47.5°	282	285	286	285	286	285	282	278	267	250	230
45°	337	341	343	341	343	341	337	331	317	300	280
42.5°	396	399	400	401	400	399	396	389	373	350	326
40°	474	477	476	475	476	477	474	465	448	421	392
37.5°	605	614	619	630	619	614	605	588	562	525	488
35°	810	833	844	863	844	833	810	775	729	677	613
32.5°	1119	1165	1188	1212	1188	1165	1119	1053	962	864	769
30°	1664	1753	1789	1855	1789	1753	1664	1530	1335	1165	994
27.5°	2785	2996	3079	3253	3079	2996	2785	2449	1991	1707	1354
25°	4691	5146	5397	5595	5397	5146	4691	4050	3346	2723	1992
22.5°	7355	8022	8378	8641	8378	8022	7355	6352	5359	4317	3195
20°	10773	11652	12177	12558	12177	11652	10773	9436	7962	6437	4877
17.5°	16372	17755	18563	19258	18563	17755	16372	13930	12027	10021	7350
15°	24442	27220	29380	30582	29380	27220	24442	20626	17206	14182	10586
12.5°	32293	36362	38780	39892	38780	36362	32293	27557	22199	17610	13354
10°	40057	43894	46194	46600	46194	43894	40057	34454	27682	21188	15722
7.5°	46000	50220	53277	54387	53277	50220	46000	40679	32957	25367	18444
5°	51250	56191	59426	59836	59426	56191	51250	44880	37201	28489	20597
2.5°	55112	60483	63620	64698	63620	60483	55112	48034	39971	30399	21742
0°	56980	62765	66255	67825	66255	62765	56980	49620	41328	31294	22204
-2.5°	56587	62570	66466	68515	66466	62570	56587	49283	40790	30676	21921
-5°	54435	60436	64068	66246	64068	60436	54435	46884	38277	28791	20844
-7.5°	49474	55085	58952	60962	58952	55085	49474	43020	34124	25760	19246
-10°	43080	47830	51354	53067	51354	47830	43080	36325	29115	22287	17084
-12.5°	34772	39379	42559	43770	42559	39379	34772	29379	23449	18962	14907
-15°	26642	30158	32417	33132	32417	30158	26642	22775	19158	15722	12356
-17.5°	20204	22097	23368	23710	23368	22097	20204	17683	15247	12519	9788
-20°	15137	16310	17134	17330	17134	16310	15137	13442	11575	9350	7309

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REPORT NUMBER: P627554 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	11029	11911	12577	12709	12577	11911	11029	9790	8257	6641	5091
-25°	7608	8345	8797	8831	8797	8345	7608	6599	5461	4467	3379
-27.5°	4769	5174	5384	5457	5384	5174	4769	4171	3411	2938	2367
-30°	2947	3134	3232	3236	3232	3134	2947	2674	2310	2030	1751
-32.5°	2001	2091	2140	2140	2140	2091	2001	1869	1695	1527	1374
-35°	1499	1545	1572	1575	1572	1545	1499	1430	1339	1238	1136
-37.5°	1205	1231	1244	1247	1244	1231	1205	1165	1108	1042	974
-40°	1008	1026	1037	1044	1037	1026	1008	982	946	903	857
-42.5°	872	883	888	884	888	883	872	856	832	802	771
-45°	776	783	788	790	788	783	776	766	749	727	702
-47.5°	701	704	706	708	706	704	701	694	682	663	641
-50°	641	644	645	643	645	644	641	636	628	611	592
-52.5°	593	594	595	595	595	594	593	591	584	567	547
-55°	554	555	556	557	556	555	554	551	546	529	511
-57.5°	520	524	524	522	524	524	520	516	510	495	478
-60°	485	489	491	492	491	489	485	479	473	459	442
-62.5°	437	441	444	444	444	441	437	431	425	412	398
-65°	382	386	392	397	392	386	382	377	371	362	349
-67.5°	332	335	340	345	340	335	332	327	322	314	303
-70°	288	292	293	293	293	292	288	283	278	271	260
-72.5°	245	249	250	250	250	249	245	241	236	230	221
-75°	202	206	207	207	207	206	202	198	194	189	181
-77.5°	160	163	164	164	164	163	160	156	153	148	142
-80°	122	124	123	121	123	124	122	118	115	111	106
-82.5°	83	86	84	82	84	86	83	80	78	75	72
-85°	50	52	50	48	50	52	50	49	47	45	44
-87.5°	20	22	19	17	19	22	20	19	18	17	16
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627554 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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°	1	1	0	0	0	0	0	0	0	0	0
62.5°	6	5	5	4	3	2	1	2	1	0	1
60°	21	15	19	20	16	11	11	9	4	4	3
57.5°	63	60	51	45	43	38	30	24	20	14	8
55°	95	89	81	72	63	59	53	45	38	29	22
52.5°	120	117	110	98	89	82	72	65	58	49	38
50°	166	158	148	136	124	113	103	89	77	69	59
47.5°	214	203	193	180	163	148	135	120	103	87	77
45°	260	243	229	215	198	180	165	148	130	111	94
42.5°	305	281	260	247	228	209	191	175	155	135	117
40°	361	327	304	287	268	239	222	204	183	159	140
37.5°	441	394	365	343	319	288	260	237	212	187	164
35°	549	490	437	402	376	338	304	274	246	218	189
32.5°	666	592	517	465	422	384	346	312	278	248	218
30°	837	717	612	528	473	427	384	346	309	275	246
27.5°	1106	884	741	613	527	471	424	379	338	302	270
25°	1550	1162	911	734	596	521	468	415	367	327	293
22.5°	2232	1628	1177	881	709	602	520	452	397	357	318
20°	3417	2272	1578	1154	879	695	585	501	439	389	344
17.5°	5263	3559	2101	1499	1108	846	671	559	482	420	370
15°	7391	5009	3132	2000	1367	970	749	615	526	454	396
12.5°	9543	6507	4027	2408	1587	1109	842	681	571	484	417
10°	11248	7846	4959	2996	1867	1251	922	730	601	508	435
7.5°	13003	8944	5745	3437	2100	1370	985	769	627	528	451
5°	14284	9836	6414	3782	2283	1462	1033	801	647	543	465
2.5°	15160	10445	6865	3995	2404	1526	1071	825	666	554	473
0°	15565	10733	7075	4146	2472	1566	1100	841	682	561	479
-2.5°	15470	10716	6947	4093	2475	1587	1110	845	686	568	484
-5°	14851	10331	6721	3985	2413	1576	1114	847	687	572	486
-7.5°	13986	9653	6213	3718	2286	1534	1106	846	686	574	488
-10°	12639	8594	5513	3355	2115	1460	1076	832	678	571	488
-12.5°	10978	7395	4689	2813	1878	1350	1022	806	665	563	483
-15°	9038	6137	3926	2484	1685	1238	958	771	648	550	476
-17.5°	7121	4802	3015	2045	1487	1140	909	747	630	538	469
-20°	5234	3490	2432	1728	1294	1023	847	713	609	527	463

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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°	3630	2635	1891	1417	1144	941	791	676	582	513	453
-25°	2615	1958	1516	1233	1013	852	739	644	564	498	441
-27.5°	1921	1518	1275	1061	899	789	694	611	542	482	430
-30°	1481	1264	1080	922	818	728	652	583	520	464	417
-32.5°	1201	1066	928	831	746	676	612	552	495	448	402
-35°	1022	921	830	755	688	630	573	522	474	429	385
-37.5°	893	814	750	690	638	587	540	495	452	408	368
-40°	798	736	685	637	593	550	511	471	429	387	351
-42.5°	725	677	630	590	553	520	485	447	408	369	335
-45°	666	625	584	551	521	491	461	425	388	353	321
-47.5°	614	581	548	517	489	461	434	402	369	337	303
-50°	569	540	511	483	460	435	408	381	349	317	286
-52.5°	526	504	481	458	434	409	383	356	325	297	271
-55°	493	473	451	429	406	384	359	331	305	280	252
-57.5°	460	441	421	402	384	361	335	310	283	257	231
-60°	425	408	390	372	354	333	308	283	258	234	209
-62.5°	382	367	351	334	317	299	275	252	231	210	187
-65°	336	322	307	292	275	257	237	219	203	186	165
-67.5°	291	278	264	249	234	218	203	189	174	158	139
-70°	250	239	226	212	199	185	172	158	144	130	116
-72.5°	211	202	191	179	167	154	142	131	118	106	94
-75°	174	166	157	147	136	126	116	106	96	87	77
-77.5°	136	130	123	115	107	100	92	84	76	68	60
-80°	101	96	92	86	80	74	68	61	55	49	43
-82.5°	70	67	65	60	55	51	46	41	37	33	28
-85°	42	40	38	35	32	29	27	24	21	18	16
-87.5°	16	16	16	14	13	12	11	9	8	7	6
-90°	0	0	0	0	0	0	0	0	0	0	0

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CATALOG NUMBER: GFLD-SA5B-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°
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°	3	2	1	1	1	0	0	1	1	0	0
57.5°	7	5	3	2	2	1	1	2	2	1	0
55°	14	10	6	4	3	3	1	2	3	2	0
52.5°	27	19	13	7	4	4	3	2	3	3	1
50°	45	31	21	14	6	5	4	3	3	4	2
47.5°	65	48	33	22	13	7	6	4	3	4	3
45°	83	68	48	33	21	12	8	4	4	4	4
42.5°	100	86	66	43	31	19	11	7	4	4	4
40°	122	103	84	61	41	26	17	10	4	4	4
37.5°	143	122	101	77	53	36	22	14	6	5	4
35°	165	142	117	92	67	46	27	19	10	6	4
32.5°	187	161	133	107	80	56	35	23	14	8	4
30°	211	178	149	121	92	67	44	29	18	10	5
27.5°	235	195	163	134	104	77	54	34	22	12	6
25°	257	215	178	146	116	87	63	40	26	15	7
22.5°	278	235	192	157	129	97	72	48	31	18	9
20°	299	254	206	172	141	109	80	56	36	21	11
17.5°	321	273	226	187	153	119	88	62	41	24	13
15°	342	291	243	202	165	129	96	68	45	26	15
12.5°	360	308	259	216	177	138	103	74	50	29	17
10°	377	323	272	228	188	146	110	79	55	31	19
7.5°	391	336	284	239	198	153	116	84	59	33	21
5°	402	347	293	247	205	161	121	88	63	35	23
2.5°	409	353	301	254	211	167	126	92	66	37	24
0°	414	358	306	259	216	173	129	95	69	39	26
-2.5°	419	363	312	264	221	178	133	98	71	43	26
-5°	421	365	316	268	224	183	137	100	73	46	27
-7.5°	423	368	320	271	227	186	139	102	75	49	27
-10°	424	370	322	274	229	188	141	103	76	51	27
-12.5°	422	371	323	275	231	188	143	105	78	53	27
-15°	419	370	322	274	231	188	145	107	79	53	28
-17.5°	414	368	320	272	230	188	146	108	79	52	29
-20°	410	364	316	268	228	187	145	108	79	52	30

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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°	404	357	310	264	224	185	144	106	78	50	31
-25°	395	349	304	261	221	183	142	104	76	49	32
-27.5°	385	339	296	256	218	180	139	101	74	48	32
-30°	372	330	290	250	212	174	133	98	71	47	32
-32.5°	359	321	282	243	205	168	127	94	69	47	32
-35°	346	310	273	234	198	161	122	89	66	47	31
-37.5°	332	298	261	224	190	153	118	87	63	45	31
-40°	319	285	248	214	181	145	113	85	61	44	30
-42.5°	305	270	237	205	171	139	108	82	59	42	28
-45°	288	256	226	194	162	132	103	78	57	41	27
-47.5°	272	244	214	182	154	125	98	74	53	39	26
-50°	259	230	200	171	144	118	91	69	51	37	24
-52.5°	243	214	185	158	133	109	84	63	48	34	23
-55°	224	196	169	145	122	99	76	58	44	32	20
-57.5°	204	177	154	133	110	88	69	53	40	28	19
-60°	184	161	140	118	97	78	62	48	36	25	17
-62.5°	166	145	124	103	85	69	54	43	32	23	15
-65°	145	125	106	89	73	59	48	37	28	20	14
-67.5°	121	106	90	75	62	51	41	33	25	18	13
-70°	101	87	74	63	52	42	35	28	21	16	11
-72.5°	83	72	60	50	43	36	30	24	18	13	10
-75°	67	57	48	41	35	29	24	19	14	11	8
-77.5°	52	44	37	32	28	23	18	14	11	9	7
-80°	38	33	29	25	21	17	13	10	8	7	5
-82.5°	25	23	20	18	15	12	9	7	5	4	4
-85°	14	13	12	10	8	6	5	4	3	3	3
-87.5°	6	6	5	5	4	3	2	2	2	1	1
-90°	0	0	0	0	0	0	0	0	0	0	0

Classified

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

Scaled Data Report



REPORT NUMBER: P627554 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	0	0	0	0	0	0	0
52.5°	1	0	0	0	0	0	0
50°	1	0	0	0	0	0	0
47.5°	2	1	0	0	0	0	0
45°	2	1	0	0	0	0	0
42.5°	3	2	0	0	0	0	0
40°	3	2	0	0	0	0	0
37.5°	4	3	1	0	0	0	0
35°	4	3	1	0	0	0	0
32.5°	4	4	2	0	0	0	0
30°	4	4	2	0	0	0	0
27.5°	4	4	2	0	0	0	0
25°	4	4	3	0	0	0	0
22.5°	4	4	3	0	0	0	0
20°	4	4	3	0	0	0	0
17.5°	5	4	3	0	0	0	0
15°	5	4	4	0	0	0	0
12.5°	6	4	4	0	0	0	0
10°	6	4	4	0	0	0	0
7.5°	7	4	4	0	0	0	0
5°	7	4	4	0	0	0	0
2.5°	8	4	4	0	0	0	0
0°	9	4	4	0	0	0	0
-2.5°	10	5	4	0	0	0	0
-5°	12	5	4	1	0	0	0
-7.5°	13	6	4	1	0	0	0
-10°	15	6	4	1	0	0	0
-12.5°	16	6	4	1	0	0	0
-15°	17	7	4	2	0	0	0
-17.5°	17	7	4	2	0	0	0
-20°	17	7	4	2	0	0	0

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REPORT NUMBER: P627554 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5B-727-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)