

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: P626836 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA2B-727-U-MWR-VSR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P626836 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-16)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2B-727-U-MWR-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (32) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7412.5 lumens
Efficiency: N/A
Efficacy: 116.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 10384.8 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 4964.9 lumens
Beam Efficiency: 67.0%

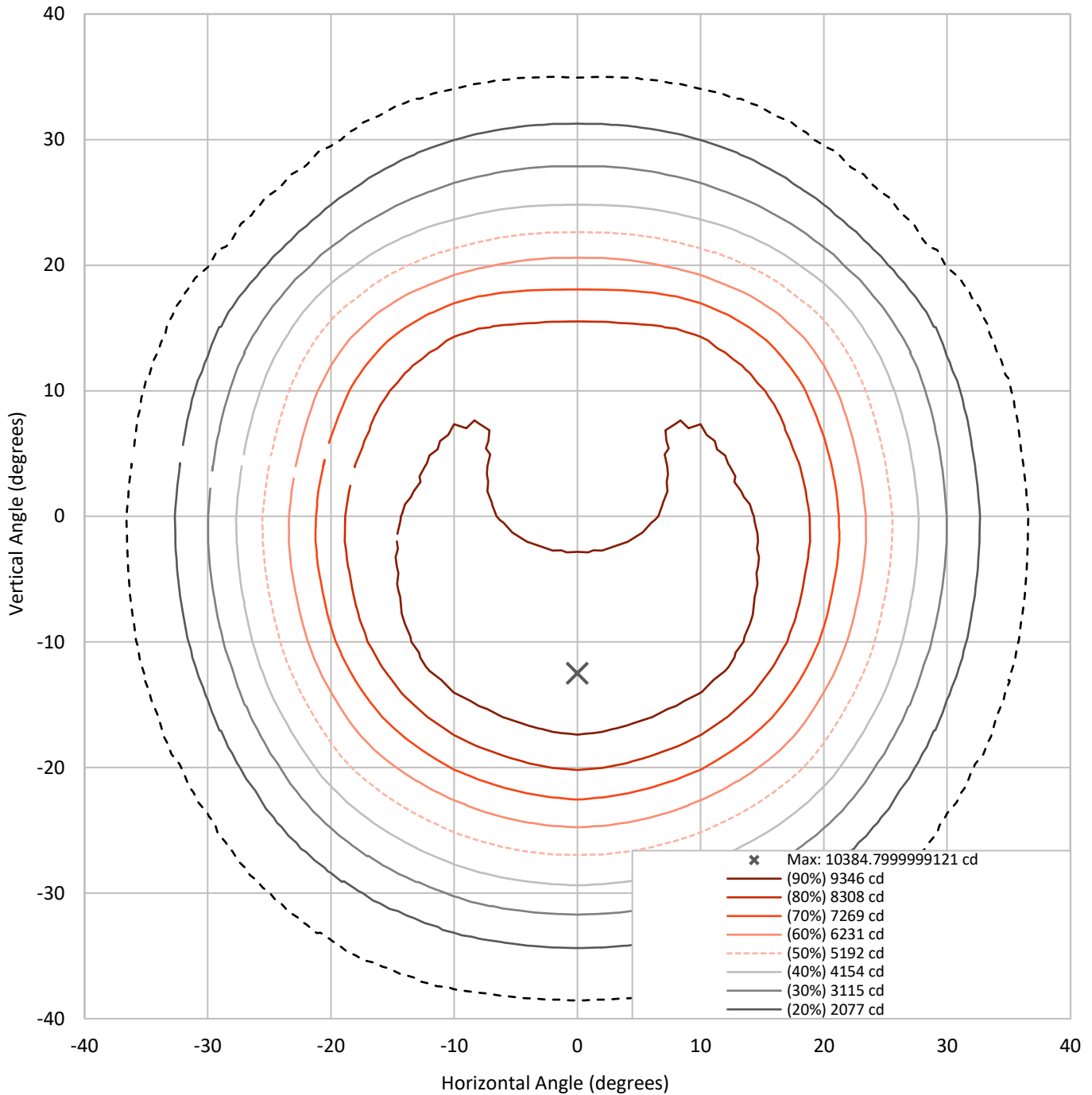
Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 6681.2 lumens
Field Efficiency: 90.1%

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



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Iso-Candela Plot





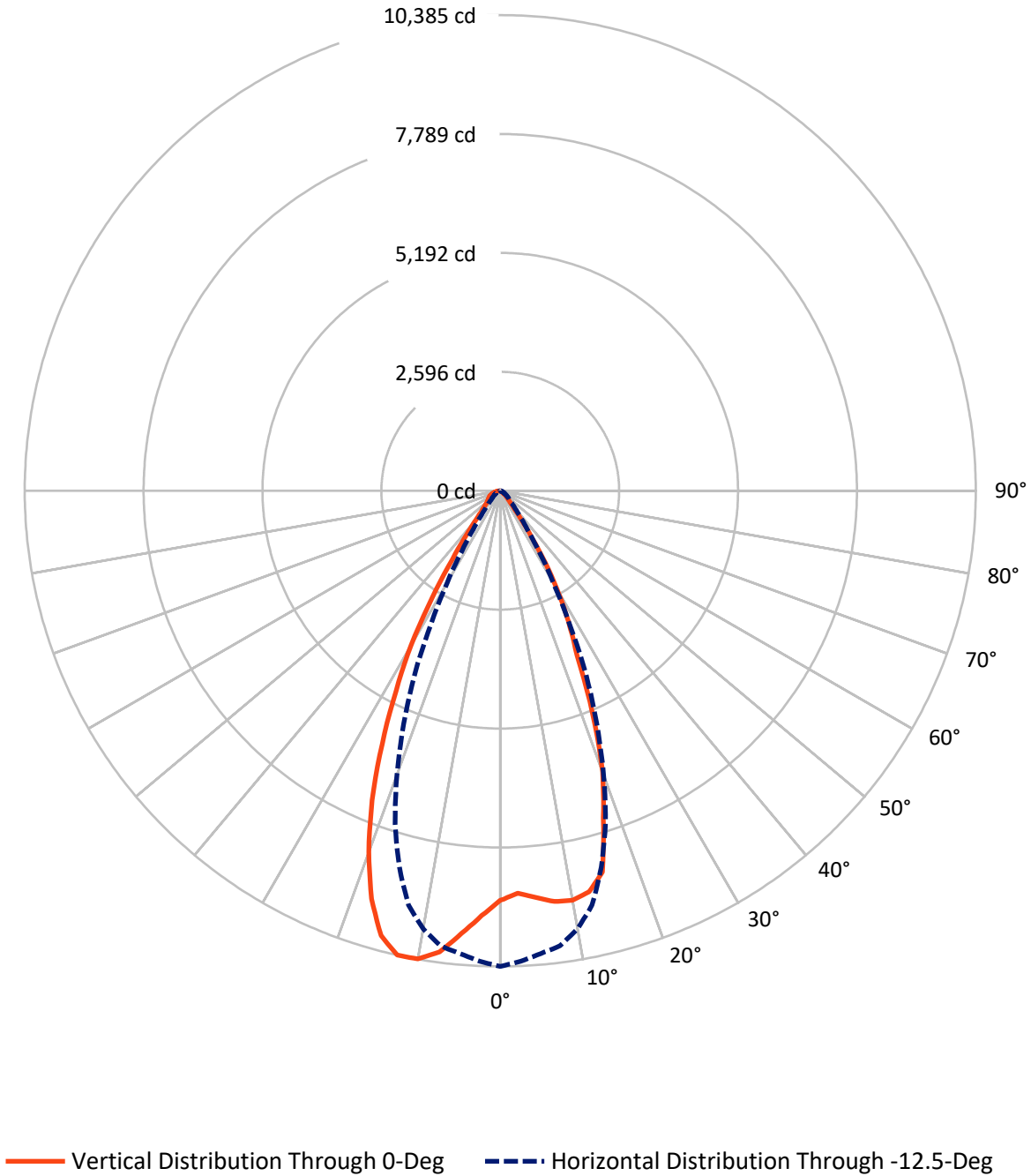
REPORT NUMBER: P626836 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
50		0.0	0.0	0.2	0.6	1.0	1.4	1.6	1.6	1.4	1.0	0.6	0.2	0.0	0.0				
40	0.0	0.0	0.3	1.0	2.1	3.4	5.1	6.2	6.2	5.1	3.4	2.1	1.0	0.3	0.0	0.0			
30		0.1	0.8	2.1	4.4	9.6	21.9	33.4	33.4	21.9	9.6	4.4	2.1	0.8	0.1				
20	0.1	0.3	1.4	3.5	9.3	34.5	88.7	124.0	124.0	88.7	34.5	9.3	3.5	1.4	0.3	0.1			
10		0.5	1.9	5.4	22.1	95.7	199.6	247.2	247.2	199.6	95.7	22.1	5.4	1.9	0.5				
0	0.2	0.6	2.4	6.9	35.2	140.9	257.4	279.0	279.0	257.4	140.9	35.2	6.9	2.4	0.6	0.2			
-10		0.8	2.6	7.4	36.9	145.5	266.6	296.2	296.2	266.6	145.5	36.9	7.4	2.6	0.8				
-20	0.2	0.8	2.7	6.7	26.4	108.4	225.0	287.2	287.2	225.0	108.4	26.4	6.7	2.7	0.8	0.2			
-30		0.8	2.5	5.6	14.7	52.6	125.3	176.4	176.4	125.3	52.6	14.7	5.6	2.5	0.8				
-40	0.2	0.7	2.3	4.6	8.8	18.7	39.2	58.1	58.1	39.2	18.7	8.8	4.6	2.3	0.7	0.2			
-50		0.6	1.9	3.9	6.4	9.5	13.4	15.8	15.8	13.4	9.5	6.4	3.9	1.9	0.6				
-60	0.1	0.4	1.4	3.0	5.1	7.0	8.7	9.6	9.6	8.7	7.0	5.1	3.0	1.4	0.4	0.1			
-70		0.3	0.9	2.1	3.5	5.0	6.3	7.1	7.1	6.3	5.0	3.5	2.1	0.9	0.3				
-80	0.1	0.8	3.7	7.9	10.2	7.9	3.7	0.8	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

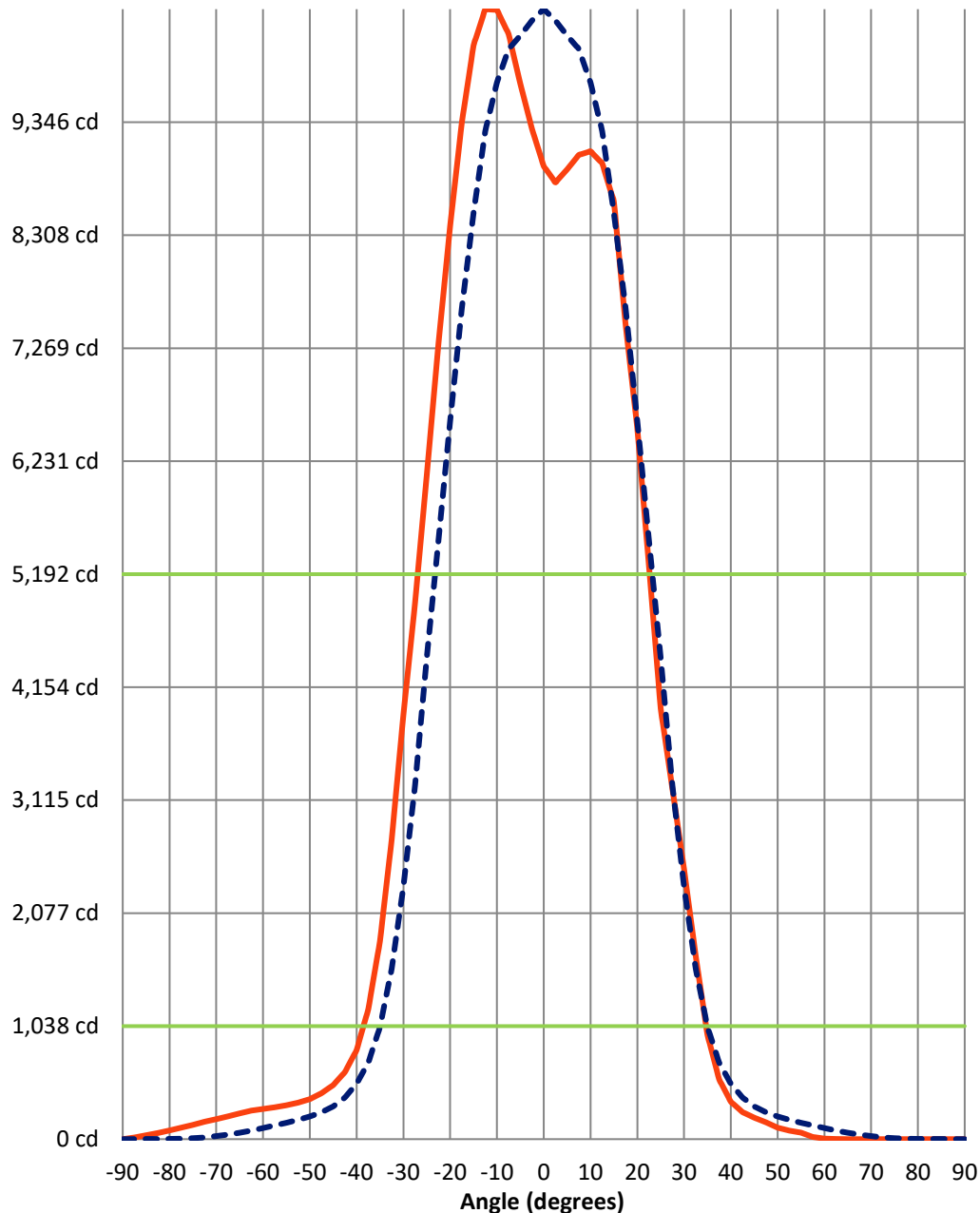
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 4964.9
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 6681.2
 Efficiency: 90.1%

Spill:
 Lumens: 731.3
 Efficiency: 9.9%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through -12.5-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	1	1	0	0	0	0	0
65°	0	0	0	0	1	1	0	0	0	1	1
62.5°	0	0	0	1	1	1	0	0	1	1	1
60°	0	0	0	1	1	1	0	1	1	1	2
57.5°	0	0	0	1	1	1	1	1	1	2	2
55°	0	0	0	1	1	1	1	2	2	2	2
52.5°	0	0	0	1	1	1	1	2	2	2	2
50°	0	0	0	1	1	1	2	2	2	2	2
47.5°	0	0	1	2	1	1	2	2	2	2	2
45°	0	0	1	2	1	1	2	2	2	2	3
42.5°	0	0	1	2	1	2	2	2	2	3	3
40°	0	0	1	2	1	2	2	2	2	3	4
37.5°	0	0	1	2	2	2	2	2	3	4	5
35°	0	0	1	2	2	2	3	3	3	5	6
32.5°	0	0	1	2	2	2	3	3	4	6	10
30°	0	0	1	2	2	2	3	3	5	7	14
27.5°	0	0	1	2	2	2	3	3	6	9	17
25°	0	0	1	2	2	3	3	4	7	11	20
22.5°	0	0	1	2	2	3	3	4	8	14	23
20°	0	0	1	2	2	3	3	5	10	16	27
17.5°	0	0	2	2	2	3	3	6	11	18	31
15°	0	0	2	2	2	3	4	6	13	20	34
12.5°	0	0	2	2	2	3	4	8	14	22	38
10°	0	0	2	2	2	3	4	9	15	24	41
7.5°	0	0	2	2	2	3	4	10	16	27	44
5°	0	0	2	2	2	3	5	11	17	30	46
2.5°	0	0	2	2	2	3	5	12	18	33	48
0°	0	0	2	2	2	3	5	14	19	36	49
-2.5°	0	0	2	2	2	4	6	14	21	37	52
-5°	0	0	2	2	2	4	7	14	23	39	54
-7.5°	0	0	2	2	2	4	8	15	25	40	56
-10°	0	0	2	2	2	4	8	15	27	41	58
-12.5°	0	0	2	2	2	4	9	15	28	42	59
-15°	0	0	2	2	2	4	9	15	29	42	59
-17.5°	0	0	2	2	3	4	10	16	28	42	59
-20°	0	0	2	2	3	4	10	17	28	42	59

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CATALOG NUMBER: GFLD-SA2B-727-U-MWR-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	2	2	3	4	10	17	28	42	57
-25°	0	0	2	2	3	5	10	17	27	41	55
-27.5°	0	0	1	2	3	5	10	17	26	40	54
-30°	0	0	1	2	3	5	9	17	26	38	52
-32.5°	0	0	1	2	3	5	9	17	26	37	50
-35°	0	0	1	2	3	6	9	16	25	36	48
-37.5°	0	0	1	2	3	6	9	16	24	35	47
-40°	0	0	1	2	3	6	9	15	22	33	46
-42.5°	0	0	1	2	3	6	9	14	21	32	45
-45°	0	0	1	2	3	6	9	14	20	30	42
-47.5°	0	0	1	2	3	5	9	13	19	27	40
-50°	0	0	1	2	3	5	9	13	18	26	37
-52.5°	0	0	1	2	3	5	8	12	18	25	33
-55°	0	0	1	2	3	5	8	11	17	23	31
-57.5°	0	0	1	2	3	5	8	11	16	22	29
-60°	0	0	1	2	3	5	7	10	15	20	27
-62.5°	0	0	1	2	3	4	7	10	14	19	25
-65°	0	0	1	2	3	4	6	9	12	17	22
-67.5°	0	0	1	2	3	4	6	8	11	15	20
-70°	0	0	1	2	3	4	5	7	10	13	17
-72.5°	0	0	1	2	3	3	5	6	8	11	14
-75°	0	0	1	2	3	3	4	5	7	9	12
-77.5°	0	0	1	1	2	3	4	5	6	7	9
-80°	0	0	1	1	2	3	3	4	5	6	7
-82.5°	0	0	0	1	1	2	3	3	4	5	6
-85°	0	0	0	1	1	1	2	2	3	4	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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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	1	0	0	0	0	0	0	0	0
65°	1	1	1	0	0	0	1	0	0	0	0
62.5°	2	1	1	1	1	1	1	1	0	0	1
60°	2	1	1	1	2	2	1	1	1	2	4
57.5°	2	2	2	2	2	2	2	2	6	10	11
55°	2	2	2	2	3	3	5	9	14	18	19
52.5°	2	2	3	3	4	6	12	17	22	25	30
50°	2	3	3	5	7	13	20	26	32	37	44
47.5°	3	4	5	7	14	21	29	37	44	52	61
45°	4	6	7	13	21	30	40	49	56	65	73
42.5°	4	8	12	19	30	41	52	59	67	77	88
40°	7	12	18	27	39	53	63	70	79	92	106
37.5°	10	16	24	36	51	64	73	82	95	110	126
35°	14	21	32	46	62	74	84	96	113	131	150
32.5°	18	25	39	55	70	83	95	112	130	150	176
30°	22	32	47	64	78	92	109	128	146	170	200
27.5°	26	38	55	72	86	100	122	141	161	189	225
25°	30	45	62	78	93	111	135	155	176	211	261
22.5°	36	52	69	85	100	123	149	174	201	236	297
20°	41	58	76	92	107	134	163	193	230	279	359
17.5°	46	64	82	100	119	146	178	214	260	321	438
15°	51	69	88	107	129	158	194	238	294	369	515
12.5°	55	73	94	115	139	169	207	256	321	430	613
10°	59	77	99	122	147	179	219	270	344	473	686
7.5°	63	81	105	129	154	188	229	282	363	507	743
5°	65	86	109	134	160	195	237	291	380	532	787
2.5°	68	91	113	138	164	200	244	300	396	553	824
0°	70	95	116	141	167	204	249	306	409	567	853
-2.5°	72	98	120	144	172	207	251	311	413	569	847
-5°	74	99	123	146	175	209	251	313	412	565	830
-7.5°	76	100	126	148	177	210	252	312	408	555	801
-10°	77	101	126	149	178	210	250	308	398	537	759
-12.5°	79	102	127	150	178	209	247	301	383	509	704
-15°	80	103	126	150	177	206	242	291	363	473	636
-17.5°	80	103	126	149	175	203	235	280	344	441	587
-20°	80	102	125	146	173	200	230	271	328	410	528

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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°	79	102	124	144	170	196	224	260	308	375	471
-25°	78	100	123	143	166	192	217	249	290	350	429
-27.5°	75	98	120	141	162	187	211	239	276	321	385
-30°	71	96	117	138	159	182	204	229	261	300	352
-32.5°	68	92	113	134	155	176	198	220	248	281	321
-35°	65	88	109	129	149	171	191	212	235	264	298
-37.5°	64	84	105	124	143	164	184	204	225	248	279
-40°	61	80	101	119	137	157	176	195	214	238	261
-42.5°	59	77	96	115	132	150	168	187	206	227	249
-45°	56	73	92	109	126	143	161	178	197	217	238
-47.5°	53	69	87	102	119	136	153	170	187	205	225
-50°	49	64	80	95	110	127	144	161	178	193	211
-52.5°	45	59	74	89	102	117	134	151	168	183	199
-55°	41	53	67	82	95	108	123	140	157	172	188
-57.5°	38	48	61	74	88	101	115	129	145	160	176
-60°	35	43	54	67	80	93	106	120	134	149	163
-62.5°	31	39	48	58	70	83	96	109	123	135	147
-65°	28	34	42	51	60	72	84	97	109	120	130
-67.5°	25	30	36	43	51	61	71	82	94	104	114
-70°	22	26	31	37	43	51	60	69	78	88	98
-72.5°	18	22	26	31	37	43	50	58	66	74	82
-75°	15	18	22	26	30	36	42	48	54	61	68
-77.5°	12	14	17	20	24	28	33	38	43	48	53
-80°	9	11	13	16	19	22	25	28	32	36	41
-82.5°	7	8	10	12	13	15	18	20	23	26	29
-85°	5	6	7	8	9	10	11	13	15	16	18
-87.5°	3	3	3	4	4	5	5	6	7	8	9
-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	0	0	0	0	0	0
62.5°	0	1	1	1	0	0	1	1	1	1	1
60°	5	3	4	6	5	4	6	7	6	5	5
57.5°	12	13	15	17	19	20	22	24	25	26	26
55°	22	26	31	33	37	42	47	48	48	50	52
52.5°	35	40	42	47	54	58	61	65	69	73	77
50°	51	55	60	67	74	78	80	87	95	102	106
47.5°	67	73	82	93	99	104	111	120	130	140	148
45°	82	92	104	114	122	131	140	151	166	180	191
42.5°	99	110	122	134	143	157	174	187	208	227	239
40°	118	130	147	162	179	198	227	253	280	311	334
37.5°	142	160	184	207	234	261	313	365	408	469	502
35°	170	198	232	267	310	376	451	552	658	746	830
32.5°	203	239	286	348	420	526	638	825	1008	1190	1368
30°	235	287	359	445	563	730	942	1231	1545	1819	2067
27.5°	278	351	445	574	774	1019	1411	1813	2211	2567	2823
25°	330	428	561	774	1063	1469	1995	2487	2955	3304	3598
22.5°	406	552	741	1012	1536	2101	2731	3350	3875	4315	4605
20°	498	697	1012	1504	2120	2827	3637	4288	4935	5430	5872
17.5°	630	946	1392	2015	2752	3695	4529	5255	6077	6583	7033
15°	748	1154	1790	2586	3448	4448	5432	6321	7114	7670	8174
12.5°	898	1376	2106	3043	3986	5099	6121	7074	7851	8423	8775
10°	1032	1603	2423	3402	4458	5621	6680	7672	8424	8866	9126
7.5°	1140	1792	2679	3709	4824	5995	7114	8098	8818	9188	9365
5°	1224	1932	2879	3961	5119	6317	7459	8422	9029	9335	9434
2.5°	1287	2029	3014	4127	5319	6555	7721	8670	9188	9408	9441
0°	1330	2098	3102	4231	5489	6641	7863	8827	9319	9496	9513
-2.5°	1320	2073	3098	4193	5470	6679	7886	8837	9363	9601	9640
-5°	1293	2015	2996	4086	5314	6525	7676	8680	9327	9686	9845
-7.5°	1241	1914	2820	3881	5062	6274	7448	8490	9234	9739	10051
-10°	1153	1767	2595	3622	4786	5941	7101	8182	8983	9592	10026
-12.5°	1032	1567	2321	3254	4424	5503	6601	7637	8512	9262	9710
-15°	908	1359	2036	2890	3909	4971	5986	7002	7865	8567	9126
-17.5°	819	1177	1706	2454	3348	4356	5346	6280	7058	7718	8305
-20°	707	973	1392	2020	2808	3689	4637	5468	6164	6782	7343



REPORT NUMBER: P626836 (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°
-22.5°	618	833	1136	1565	2272	3049	3825	4590	5244	5795	6273
-25°	537	688	925	1273	1733	2404	3058	3704	4308	4820	5250
-27.5°	473	593	751	999	1349	1740	2313	2853	3372	3840	4246
-30°	416	505	629	784	1022	1312	1657	2061	2475	2844	3213
-32.5°	374	438	523	638	771	979	1188	1459	1721	1991	2256
-35°	337	388	446	523	614	736	873	1039	1179	1356	1518
-37.5°	311	347	392	440	505	573	666	767	854	952	1035
-40°	290	318	348	381	426	472	532	588	643	703	748
-42.5°	272	295	317	342	368	405	445	481	514	549	579
-45°	258	275	293	312	332	359	388	414	436	455	471
-47.5°	243	258	274	289	306	326	344	361	379	395	406
-50°	228	244	257	271	285	301	315	329	342	353	360
-52.5°	214	230	243	255	268	280	293	305	316	326	331
-55°	203	217	231	242	253	263	274	286	296	306	309
-57.5°	191	206	219	229	239	248	258	269	279	288	291
-60°	177	193	204	214	224	234	244	253	262	270	273
-62.5°	161	174	185	195	203	212	222	232	242	250	255
-65°	141	153	163	173	181	190	199	209	218	225	230
-67.5°	124	133	142	150	159	167	176	185	193	199	203
-70°	107	116	124	132	139	146	154	161	168	174	178
-72.5°	90	98	105	112	119	125	132	138	144	148	152
-75°	75	81	87	93	99	104	109	114	118	122	126
-77.5°	59	64	69	74	79	83	87	91	94	98	101
-80°	45	49	53	56	60	63	66	69	72	74	77
-82.5°	32	35	37	40	42	44	47	49	51	53	54
-85°	21	22	23	25	26	27	29	30	31	32	34
-87.5°	10	10	11	12	12	13	14	14	15	15	16
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626836 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-727-U-MWR-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	0
62.5°	2	2	2	2	2	2	2	1	1	1	1
60°	5	5	5	5	5	5	5	5	5	6	7
57.5°	26	24	22	20	22	24	26	26	26	25	24
55°	56	59	60	60	60	59	56	52	50	48	48
52.5°	79	81	80	78	80	81	79	77	73	69	65
50°	108	108	107	106	107	108	108	106	102	95	87
47.5°	152	154	155	155	155	154	152	148	140	130	120
45°	195	197	198	198	198	197	195	191	180	166	151
42.5°	245	249	250	249	250	249	245	239	227	208	187
40°	347	351	349	344	349	351	347	334	311	280	253
37.5°	526	543	550	550	550	543	526	502	469	408	365
35°	907	967	995	960	995	967	907	830	746	658	552
32.5°	1514	1622	1682	1682	1682	1622	1514	1368	1190	1008	825
30°	2254	2389	2465	2481	2465	2389	2254	2067	1819	1545	1231
27.5°	3022	3161	3234	3223	3234	3161	3022	2823	2567	2211	1813
25°	3793	3898	3959	3961	3959	3898	3793	3598	3304	2955	2487
22.5°	4931	5152	5244	5268	5244	5152	4931	4605	4315	3875	3350
20°	6171	6386	6525	6533	6525	6386	6171	5872	5430	4935	4288
17.5°	7353	7460	7480	7489	7480	7460	7353	7033	6583	6077	5255
15°	8467	8505	8603	8616	8603	8505	8467	8174	7670	7114	6321
12.5°	8997	9031	9014	8968	9014	9031	8997	8775	8423	7851	7074
10°	9285	9237	9165	9079	9165	9237	9285	9126	8866	8424	7672
7.5°	9350	9297	9170	9045	9170	9297	9350	9365	9188	8818	8098
5°	9381	9224	9064	8912	9064	9224	9381	9434	9335	9029	8422
2.5°	9363	9176	8957	8793	8957	9176	9363	9441	9408	9188	8670
0°	9423	9234	9004	8943	9004	9234	9423	9513	9496	9319	8827
-2.5°	9589	9436	9316	9283	9316	9436	9589	9640	9601	9363	8837
-5°	9888	9855	9651	9699	9651	9855	9888	9845	9686	9327	8680
-7.5°	10177	10130	10043	10155	10043	10130	10177	10051	9739	9234	8490
-10°	10254	10239	10279	10378	10279	10239	10254	10026	9592	8983	8182
-12.5°	10019	10142	10281	10385	10281	10142	10019	9710	9262	8512	7637
-15°	9493	9746	9953	10051	9953	9746	9493	9126	8567	7865	7002
-17.5°	8720	9029	9275	9345	9275	9029	8720	8305	7718	7058	6280
-20°	7767	8082	8305	8394	8305	8082	7767	7343	6782	6164	5468

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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°	6695	7003	7205	7311	7205	7003	6695	6273	5795	5244	4590
-25°	5607	5877	6057	6104	6057	5877	5607	5250	4820	4308	3704
-27.5°	4567	4784	4916	4931	4916	4784	4567	4246	3840	3372	2853
-30°	3520	3722	3837	3897	3837	3722	3520	3213	2844	2475	2061
-32.5°	2472	2632	2729	2755	2729	2632	2472	2256	1991	1721	1459
-35°	1648	1748	1809	1822	1809	1748	1648	1518	1356	1179	1039
-37.5°	1102	1151	1181	1195	1181	1151	1102	1035	952	854	767
-40°	781	804	816	819	816	804	781	748	703	643	588
-42.5°	597	609	615	616	615	609	597	579	549	514	481
-45°	483	491	496	497	496	491	483	471	455	436	414
-47.5°	413	418	421	422	421	418	413	406	395	379	361
-50°	364	367	368	368	368	367	364	360	353	342	329
-52.5°	334	336	336	335	336	336	334	331	326	316	305
-55°	311	312	312	312	312	312	311	309	306	296	286
-57.5°	293	295	295	293	295	295	293	291	288	279	269
-60°	276	278	278	278	278	278	276	273	270	262	253
-62.5°	259	262	263	262	263	262	259	255	250	242	232
-65°	234	238	238	237	238	238	234	230	225	218	209
-67.5°	207	210	210	209	210	210	207	203	199	193	185
-70°	181	185	185	184	185	185	181	178	174	168	161
-72.5°	156	159	160	160	160	159	156	152	148	144	138
-75°	129	132	132	131	132	132	129	126	122	118	114
-77.5°	104	107	106	106	106	107	104	101	98	94	91
-80°	79	81	81	80	81	81	79	77	74	72	69
-82.5°	56	58	57	56	57	58	56	54	53	51	49
-85°	35	36	36	36	36	36	35	34	32	31	30
-87.5°	16	17	16	15	16	17	16	16	15	15	14
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626836 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-727-U-MWR-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°	0	0	0	0	0	0	0	0	0	0	0
62.5°	1	0	0	1	1	1	0	1	0	0	1
60°	6	4	5	6	4	3	5	4	2	1	1
57.5°	22	20	19	17	15	13	12	11	10	6	2
55°	47	42	37	33	31	26	22	19	18	14	9
52.5°	61	58	54	47	42	40	35	30	25	22	17
50°	80	78	74	67	60	55	51	44	37	32	26
47.5°	111	104	99	93	82	73	67	61	52	44	37
45°	140	131	122	114	104	92	82	73	65	56	49
42.5°	174	157	143	134	122	110	99	88	77	67	59
40°	227	198	179	162	147	130	118	106	92	79	70
37.5°	313	261	234	207	184	160	142	126	110	95	82
35°	451	376	310	267	232	198	170	150	131	113	96
32.5°	638	526	420	348	286	239	203	176	150	130	112
30°	942	730	563	445	359	287	235	200	170	146	128
27.5°	1411	1019	774	574	445	351	278	225	189	161	141
25°	1995	1469	1063	774	561	428	330	261	211	176	155
22.5°	2731	2101	1536	1012	741	552	406	297	236	201	174
20°	3637	2827	2120	1504	1012	697	498	359	279	230	193
17.5°	4529	3695	2752	2015	1392	946	630	438	321	260	214
15°	5432	4448	3448	2586	1790	1154	748	515	369	294	238
12.5°	6121	5099	3986	3043	2106	1376	898	613	430	321	256
10°	6680	5621	4458	3402	2423	1603	1032	686	473	344	270
7.5°	7114	5995	4824	3709	2679	1792	1140	743	507	363	282
5°	7459	6317	5119	3961	2879	1932	1224	787	532	380	291
2.5°	7721	6555	5319	4127	3014	2029	1287	824	553	396	300
0°	7863	6641	5489	4231	3102	2098	1330	853	567	409	306
-2.5°	7886	6679	5470	4193	3098	2073	1320	847	569	413	311
-5°	7676	6525	5314	4086	2996	2015	1293	830	565	412	313
-7.5°	7448	6274	5062	3881	2820	1914	1241	801	555	408	312
-10°	7101	5941	4786	3622	2595	1767	1153	759	537	398	308
-12.5°	6601	5503	4424	3254	2321	1567	1032	704	509	383	301
-15°	5986	4971	3909	2890	2036	1359	908	636	473	363	291
-17.5°	5346	4356	3348	2454	1706	1177	819	587	441	344	280
-20°	4637	3689	2808	2020	1392	973	707	528	410	328	271

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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°	3825	3049	2272	1565	1136	833	618	471	375	308	260
-25°	3058	2404	1733	1273	925	688	537	429	350	290	249
-27.5°	2313	1740	1349	999	751	593	473	385	321	276	239
-30°	1657	1312	1022	784	629	505	416	352	300	261	229
-32.5°	1188	979	771	638	523	438	374	321	281	248	220
-35°	873	736	614	523	446	388	337	298	264	235	212
-37.5°	666	573	505	440	392	347	311	279	248	225	204
-40°	532	472	426	381	348	318	290	261	238	214	195
-42.5°	445	405	368	342	317	295	272	249	227	206	187
-45°	388	359	332	312	293	275	258	238	217	197	178
-47.5°	344	326	306	289	274	258	243	225	205	187	170
-50°	315	301	285	271	257	244	228	211	193	178	161
-52.5°	293	280	268	255	243	230	214	199	183	168	151
-55°	274	263	253	242	231	217	203	188	172	157	140
-57.5°	258	248	239	229	219	206	191	176	160	145	129
-60°	244	234	224	214	204	193	177	163	149	134	120
-62.5°	222	212	203	195	185	174	161	147	135	123	109
-65°	199	190	181	173	163	153	141	130	120	109	97
-67.5°	176	167	159	150	142	133	124	114	104	94	82
-70°	154	146	139	132	124	116	107	98	88	78	69
-72.5°	132	125	119	112	105	98	90	82	74	66	58
-75°	109	104	99	93	87	81	75	68	61	54	48
-77.5°	87	83	79	74	69	64	59	53	48	43	38
-80°	66	63	60	56	53	49	45	41	36	32	28
-82.5°	47	44	42	40	37	35	32	29	26	23	20
-85°	29	27	26	25	23	22	21	18	16	15	13
-87.5°	14	13	12	12	11	10	10	9	8	7	6
-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	1	0	0	0	0	0	0
65°	1	0	0	0	1	1	1	1	1	0	0
62.5°	1	1	1	1	1	1	2	1	1	1	0
60°	1	2	2	1	1	1	2	2	1	1	1
57.5°	2	2	2	2	2	2	2	2	2	1	1
55°	5	3	3	2	2	2	2	2	2	2	2
52.5°	12	6	4	3	3	2	2	2	2	2	2
50°	20	13	7	5	3	3	2	2	2	2	2
47.5°	29	21	14	7	5	4	3	2	2	2	2
45°	40	30	21	13	7	6	4	3	2	2	2
42.5°	52	41	30	19	12	8	4	3	3	2	2
40°	63	53	39	27	18	12	7	4	3	2	2
37.5°	73	64	51	36	24	16	10	5	4	3	2
35°	84	74	62	46	32	21	14	6	5	3	3
32.5°	95	83	70	55	39	25	18	10	6	4	3
30°	109	92	78	64	47	32	22	14	7	5	3
27.5°	122	100	86	72	55	38	26	17	9	6	3
25°	135	111	93	78	62	45	30	20	11	7	4
22.5°	149	123	100	85	69	52	36	23	14	8	4
20°	163	134	107	92	76	58	41	27	16	10	5
17.5°	178	146	119	100	82	64	46	31	18	11	6
15°	194	158	129	107	88	69	51	34	20	13	6
12.5°	207	169	139	115	94	73	55	38	22	14	8
10°	219	179	147	122	99	77	59	41	24	15	9
7.5°	229	188	154	129	105	81	63	44	27	16	10
5°	237	195	160	134	109	86	65	46	30	17	11
2.5°	244	200	164	138	113	91	68	48	33	18	12
0°	249	204	167	141	116	95	70	49	36	19	14
-2.5°	251	207	172	144	120	98	72	52	37	21	14
-5°	251	209	175	146	123	99	74	54	39	23	14
-7.5°	252	210	177	148	126	100	76	56	40	25	15
-10°	250	210	178	149	126	101	77	58	41	27	15
-12.5°	247	209	178	150	127	102	79	59	42	28	15
-15°	242	206	177	150	126	103	80	59	42	29	15
-17.5°	235	203	175	149	126	103	80	59	42	28	16
-20°	230	200	173	146	125	102	80	59	42	28	17

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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°	224	196	170	144	124	102	79	57	42	28	17
-25°	217	192	166	143	123	100	78	55	41	27	17
-27.5°	211	187	162	141	120	98	75	54	40	26	17
-30°	204	182	159	138	117	96	71	52	38	26	17
-32.5°	198	176	155	134	113	92	68	50	37	26	17
-35°	191	171	149	129	109	88	65	48	36	25	16
-37.5°	184	164	143	124	105	84	64	47	35	24	16
-40°	176	157	137	119	101	80	61	46	33	22	15
-42.5°	168	150	132	115	96	77	59	45	32	21	14
-45°	161	143	126	109	92	73	56	42	30	20	14
-47.5°	153	136	119	102	87	69	53	40	27	19	13
-50°	144	127	110	95	80	64	49	37	26	18	13
-52.5°	134	117	102	89	74	59	45	33	25	18	12
-55°	123	108	95	82	67	53	41	31	23	17	11
-57.5°	115	101	88	74	61	48	38	29	22	16	11
-60°	106	93	80	67	54	43	35	27	20	15	10
-62.5°	96	83	70	58	48	39	31	25	19	14	10
-65°	84	72	60	51	42	34	28	22	17	12	9
-67.5°	71	61	51	43	36	30	25	20	15	11	8
-70°	60	51	43	37	31	26	22	17	13	10	7
-72.5°	50	43	37	31	26	22	18	14	11	8	6
-75°	42	36	30	26	22	18	15	12	9	7	5
-77.5°	33	28	24	20	17	14	12	9	7	6	5
-80°	25	22	19	16	13	11	9	7	6	5	4
-82.5°	18	15	13	12	10	8	7	6	5	4	3
-85°	11	10	9	8	7	6	5	4	4	3	2
-87.5°	5	5	4	4	3	3	3	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: P626836 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2B-727-U-MWR-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	1	1	0	0	0	0
65°	0	1	1	0	0	0	0
62.5°	0	1	1	1	0	0	0
60°	0	1	1	1	0	0	0
57.5°	1	1	1	1	0	0	0
55°	1	1	1	1	0	0	0
52.5°	1	1	1	1	0	0	0
50°	2	1	1	1	0	0	0
47.5°	2	1	1	2	1	0	0
45°	2	1	1	2	1	0	0
42.5°	2	2	1	2	1	0	0
40°	2	2	1	2	1	0	0
37.5°	2	2	2	2	1	0	0
35°	3	2	2	2	1	0	0
32.5°	3	2	2	2	1	0	0
30°	3	2	2	2	1	0	0
27.5°	3	2	2	2	1	0	0
25°	3	3	2	2	1	0	0
22.5°	3	3	2	2	1	0	0
20°	3	3	2	2	1	0	0
17.5°	3	3	2	2	2	0	0
15°	4	3	2	2	2	0	0
12.5°	4	3	2	2	2	0	0
10°	4	3	2	2	2	0	0
7.5°	4	3	2	2	2	0	0
5°	5	3	2	2	2	0	0
2.5°	5	3	2	2	2	0	0
0°	5	3	2	2	2	0	0
-2.5°	6	4	2	2	2	0	0
-5°	7	4	2	2	2	0	0
-7.5°	8	4	2	2	2	0	0
-10°	8	4	2	2	2	0	0
-12.5°	9	4	2	2	2	0	0
-15°	9	4	2	2	2	0	0
-17.5°	10	4	3	2	2	0	0
-20°	10	4	3	2	2	0	0

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CATALOG NUMBER: GFLD-SA2B-727-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)