

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: P626536 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-727-U-MWR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626536 (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: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA1A-727-U-MWR-VSR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR  
Light Source: (16) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2206.9 lumens  
Efficiency: N/A  
Efficacy: 121.9 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V  
Max Intensity: 3091.8 candela  
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V  
Beam Lumens: 1478.2 lumens  
Beam Efficiency: 67.0%

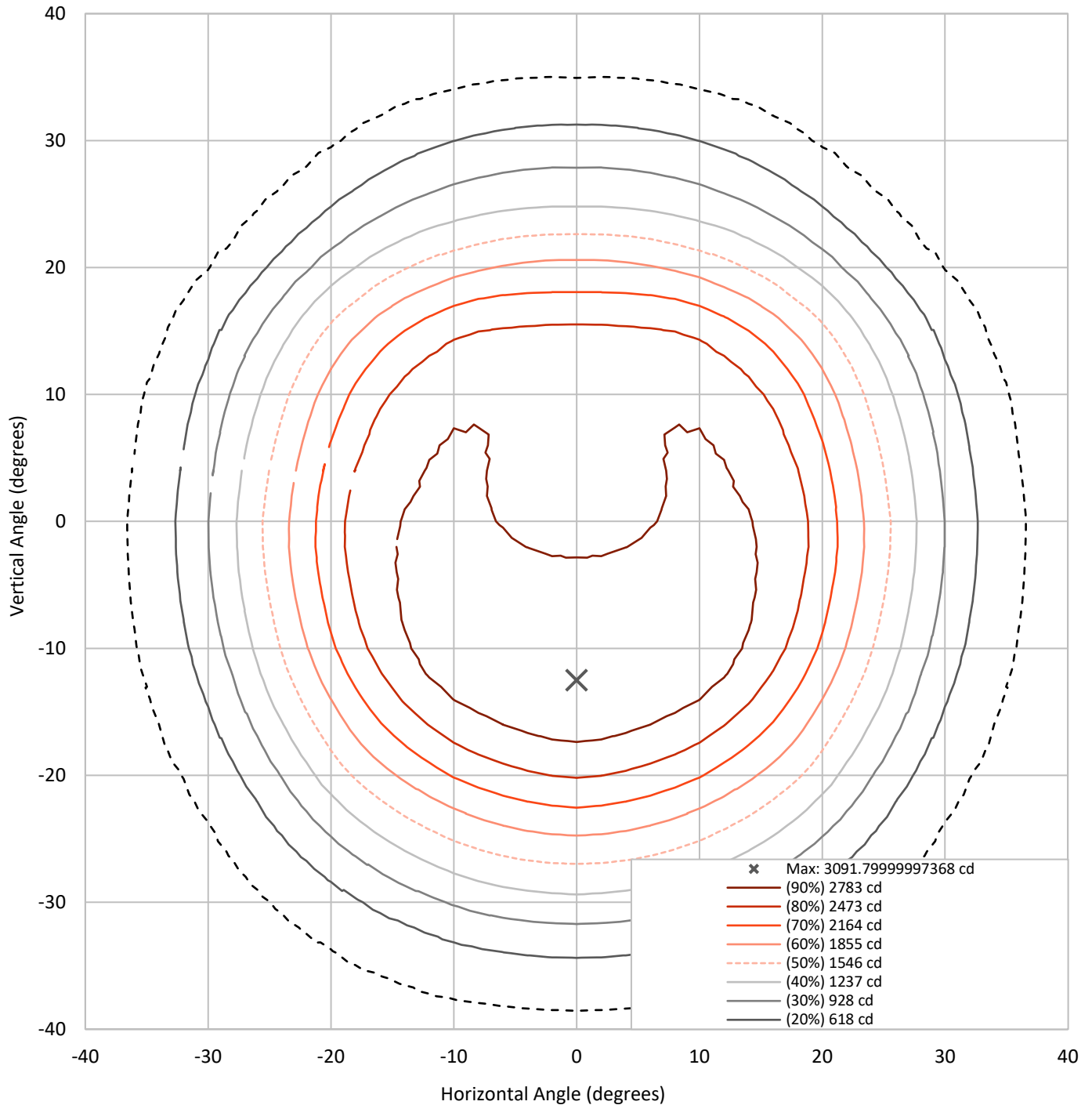
Field Angle (10%): 69.9°H x 73.3°V  
Field Lumens: 1990.2 lumens  
Field Efficiency: 90.2%

Input Watts (W): 18.1  
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: P626536 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1A-727-U-MWR-VSR-XX

### Iso-Candela Plot





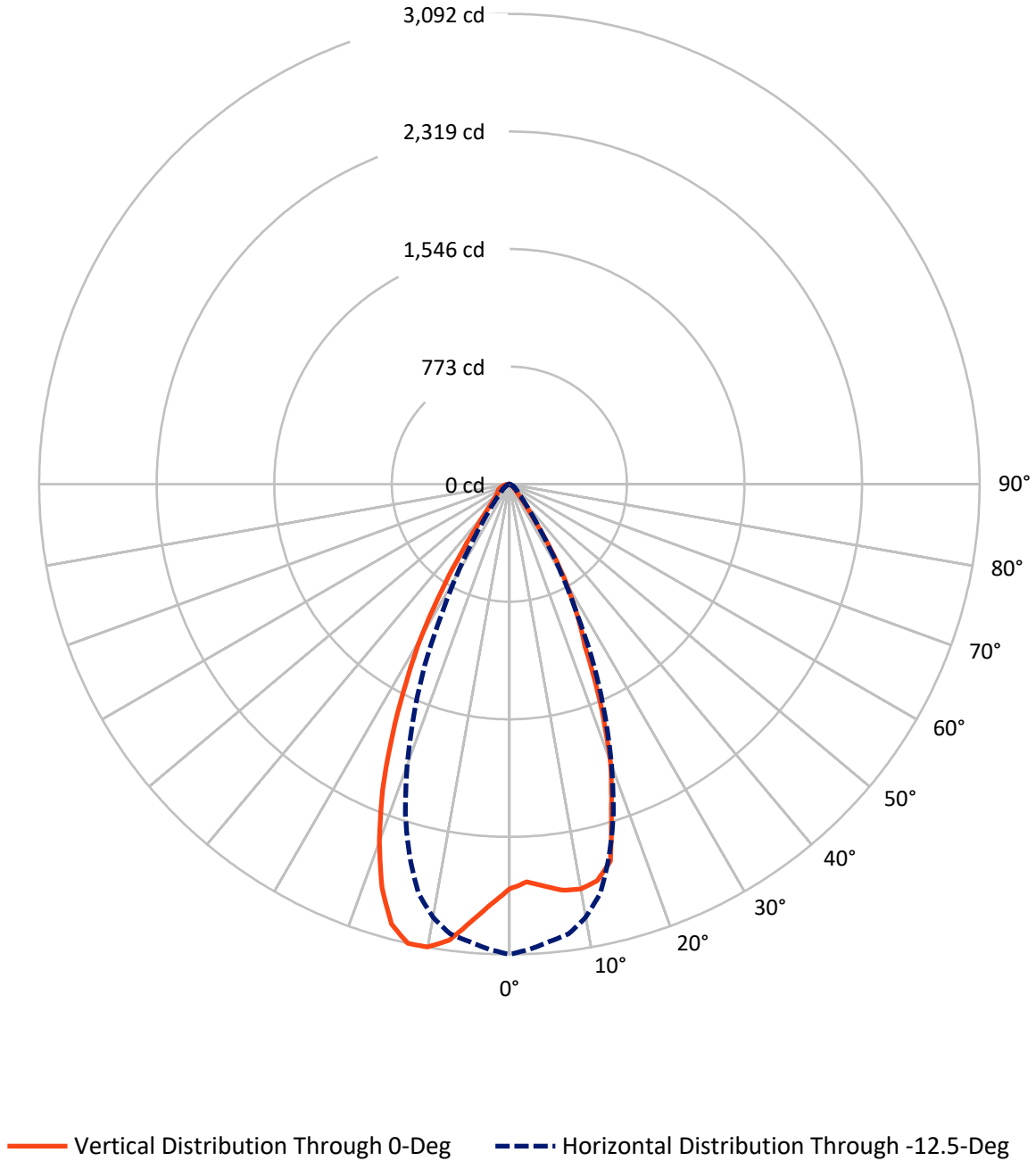
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### Lumen Table

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								
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								
50		0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.4	0.3	0.2	0.1	0.0		0.0							
40	0.0	0.0	0.1	0.3	0.6	1.0	1.5	1.9	1.9	1.5	1.0	0.6	0.3	0.1	0.0								
30		0.0	0.2	0.6	1.3	2.9	6.5	9.9	9.9	6.5	2.9	1.3	0.6	0.2		0.0							
20	0.0	0.1	0.4	1.0	2.8	10.3	26.4	36.9	36.9	26.4	10.3	2.8	1.0	0.4	0.0								
10		0.1	0.6	1.6	6.6	28.5	59.4	73.6	73.6	59.4	28.5	6.6	1.6	0.6		0.1							
0	0.0	0.2	0.7	2.1	10.5	42.0	76.6	83.1	83.1	76.6	42.0	10.5	2.1	0.7	0.0								
-10		0.2	0.8	2.2	11.0	43.3	79.4	88.2	88.2	79.4	43.3	11.0	2.2	0.8		0.2							
-20	0.1	0.2	0.8	2.0	7.9	32.3	67.0	85.5	85.5	67.0	32.3	7.9	2.0	0.8	0.1								
-30		0.2	0.8	1.7	4.4	15.7	37.3	52.5	52.5	37.3	15.7	4.4	1.7	0.8		0.2							
-40	0.1	0.2	0.7	1.4	2.6	5.6	11.7	17.3	17.3	11.7	5.6	2.6	1.4	0.7	0.1								
-50		0.2	0.6	1.1	1.9	2.8	4.0	4.7	4.7	4.0	2.8	1.9	1.1	0.6		0.2							
-60	0.0	0.1	0.4	0.9	1.5	2.1	2.6	2.8	2.8	2.6	2.1	1.5	0.9	0.4	0.0								
-70		0.1	0.3	0.6	1.1	1.5	1.9	2.1	2.1	1.9	1.5	1.1	0.6	0.3		0.1							
-80	0.0	0.2	1.1	2.4	3.0	2.4	1.1	0.2	0.0														
-90																							
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90				

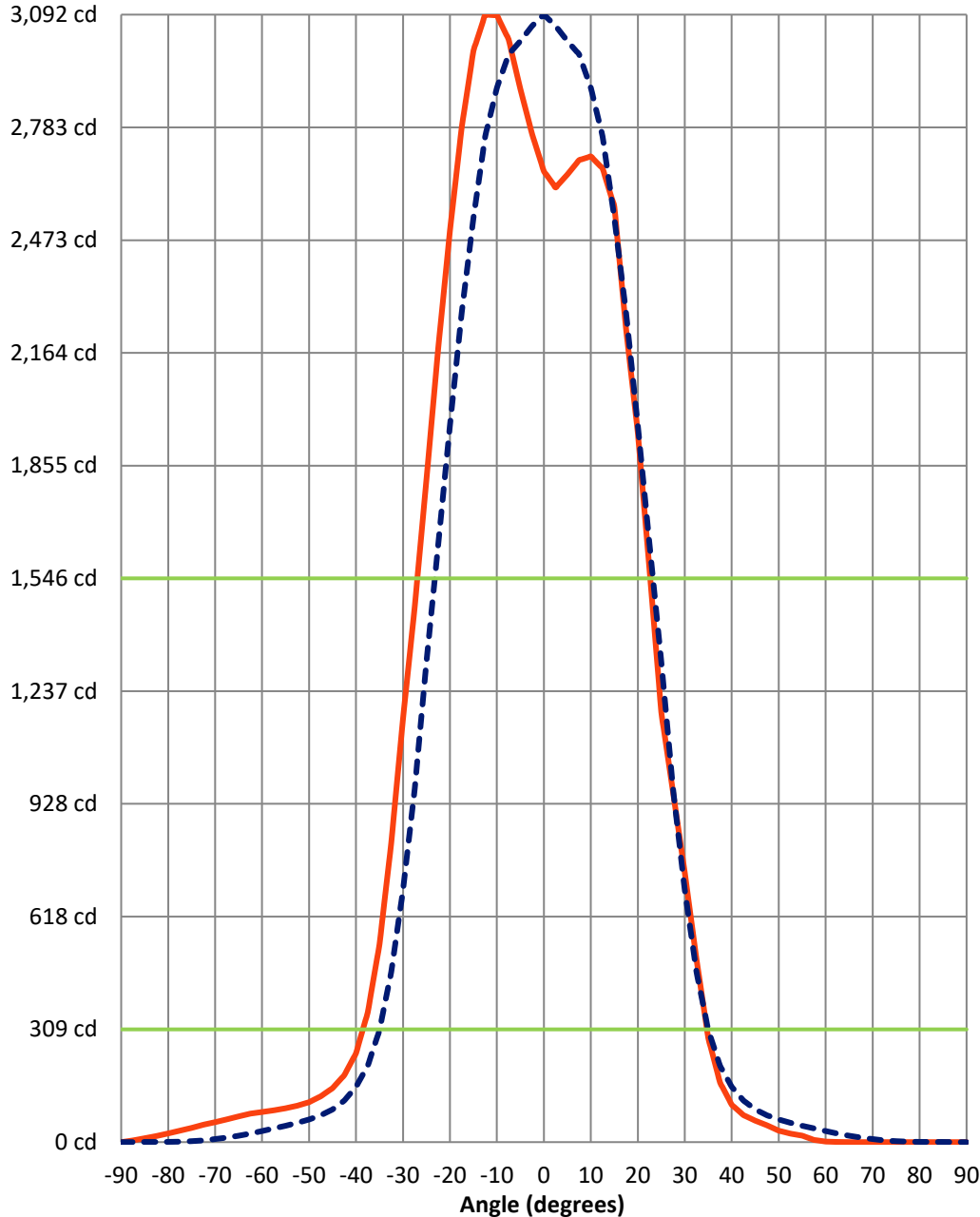
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 46.4°  
 V Angle: 49.6°  
 Lumens: 1478.2  
 Efficiency: 67.0%

**Field:**  
 H Angle: 69.9°  
 V Angle: 73.3°  
 Lumens: 1990.2  
 Efficiency: 90.2%

**Spill:**  
 Lumens: 216.6  
 Efficiency: 9.8%

— 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	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	0
60°	0	0	0	0	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0	0	0	0	1
55°	0	0	0	0	0	0	0	0	0	1	1
52.5°	0	0	0	0	0	0	0	1	0	1	1
50°	0	0	0	0	0	0	0	1	1	1	1
47.5°	0	0	0	0	0	0	1	1	1	1	1
45°	0	0	0	0	0	0	1	1	1	1	1
42.5°	0	0	0	0	0	0	1	1	1	1	1
40°	0	0	0	1	0	0	1	1	1	1	1
37.5°	0	0	0	1	0	0	1	1	1	1	1
35°	0	0	0	1	0	1	1	1	1	1	2
32.5°	0	0	0	1	0	1	1	1	1	2	3
30°	0	0	0	1	0	1	1	1	1	2	4
27.5°	0	0	0	1	1	1	1	1	2	3	5
25°	0	0	0	1	1	1	1	1	2	3	6
22.5°	0	0	0	1	1	1	1	1	2	4	7
20°	0	0	0	1	1	1	1	1	3	5	8
17.5°	0	0	0	1	1	1	1	2	3	5	9
15°	0	0	0	1	1	1	1	2	4	6	10
12.5°	0	0	0	1	1	1	1	2	4	7	11
10°	0	0	0	1	1	1	1	3	5	7	12
7.5°	0	0	0	1	1	1	1	3	5	8	13
5°	0	0	0	1	1	1	1	3	5	9	14
2.5°	0	0	0	1	1	1	1	4	5	10	14
0°	0	0	1	1	1	1	1	4	6	11	15
-2.5°	0	0	0	1	1	1	2	4	6	11	15
-5°	0	0	0	1	1	1	2	4	7	12	16
-7.5°	0	0	0	1	1	1	2	4	8	12	17
-10°	0	0	0	1	1	1	2	5	8	12	17
-12.5°	0	0	0	1	1	1	3	5	8	12	17
-15°	0	0	0	1	1	1	3	5	8	13	18
-17.5°	0	0	0	1	1	1	3	5	8	13	18
-20°	0	0	0	1	1	1	3	5	8	13	17

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CATALOG NUMBER: GFLD-SA1A-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	0	1	1	1	3	5	8	12	17
-25°	0	0	0	1	1	1	3	5	8	12	16
-27.5°	0	0	0	1	1	1	3	5	8	12	16
-30°	0	0	0	1	1	2	3	5	8	11	15
-32.5°	0	0	0	1	1	2	3	5	8	11	15
-35°	0	0	0	1	1	2	3	5	7	11	14
-37.5°	0	0	0	1	1	2	3	5	7	10	14
-40°	0	0	0	1	1	2	3	4	7	10	14
-42.5°	0	0	0	1	1	2	3	4	6	9	13
-45°	0	0	0	1	1	2	3	4	6	9	13
-47.5°	0	0	0	1	1	2	3	4	6	8	12
-50°	0	0	0	1	1	2	3	4	6	8	11
-52.5°	0	0	0	1	1	2	2	4	5	7	10
-55°	0	0	0	1	1	1	2	3	5	7	9
-57.5°	0	0	0	1	1	1	2	3	5	7	9
-60°	0	0	0	1	1	1	2	3	4	6	8
-62.5°	0	0	0	1	1	1	2	3	4	6	7
-65°	0	0	0	1	1	1	2	3	4	5	7
-67.5°	0	0	0	1	1	1	2	2	3	4	6
-70°	0	0	0	1	1	1	1	2	3	4	5
-72.5°	0	0	0	1	1	1	1	2	2	3	4
-75°	0	0	0	0	1	1	1	2	2	3	3
-77.5°	0	0	0	0	1	1	1	1	2	2	3
-80°	0	0	0	0	1	1	1	1	2	2	2
-82.5°	0	0	0	0	0	1	1	1	1	1	2
-85°	0	0	0	0	0	0	1	1	1	1	1
-87.5°	0	0	0	0	0	0	0	0	0	1	1
-90°	0	0	0	0	0	0	0	0	0	0	0



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REPORT NUMBER: P626536 (CONVERTED FROM TYPE C PHOTOMETRY)

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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	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	0
60°	1	0	0	0	1	0	0	0	0	0	1
57.5°	1	0	0	1	1	1	1	1	2	3	3
55°	1	0	1	1	1	1	1	3	4	5	6
52.5°	1	1	1	1	1	2	4	5	7	8	9
50°	1	1	1	1	2	4	6	8	9	11	13
47.5°	1	1	2	2	4	6	9	11	13	15	18
45°	1	2	2	4	6	9	12	15	17	19	22
42.5°	1	2	4	6	9	12	16	18	20	23	26
40°	2	3	5	8	12	16	19	21	23	27	31
37.5°	3	5	7	11	15	19	22	25	28	33	38
35°	4	6	9	14	18	22	25	29	34	39	45
32.5°	5	7	12	16	21	25	28	33	39	45	52
30°	7	9	14	19	23	27	32	38	43	51	60
27.5°	8	11	16	21	26	30	36	42	48	56	67
25°	9	13	19	23	28	33	40	46	52	63	78
22.5°	11	15	21	25	30	37	44	52	60	70	88
20°	12	17	23	28	32	40	48	58	69	83	107
17.5°	14	19	24	30	35	43	53	64	78	96	130
15°	15	20	26	32	38	47	58	71	87	110	153
12.5°	17	22	28	34	41	50	62	76	96	128	182
10°	18	23	30	36	44	53	65	80	102	141	204
7.5°	19	24	31	38	46	56	68	84	108	151	221
5°	19	26	32	40	48	58	71	87	113	158	234
2.5°	20	27	34	41	49	60	73	89	118	165	245
0°	21	28	34	42	50	61	74	91	122	169	254
-2.5°	22	29	36	43	51	62	75	93	123	169	252
-5°	22	29	37	43	52	62	75	93	123	168	247
-7.5°	23	30	37	44	53	63	75	93	121	165	239
-10°	23	30	38	44	53	62	75	92	119	160	226
-12.5°	23	30	38	45	53	62	74	90	114	152	210
-15°	24	31	38	45	53	61	72	87	108	141	189
-17.5°	24	31	37	44	52	60	70	83	102	131	175
-20°	24	30	37	44	52	59	68	81	98	122	157

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CATALOG NUMBER: GFLD-SA1A-727-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	24	30	37	43	51	58	67	77	92	112	140
-25°	23	30	36	43	50	57	65	74	86	104	128
-27.5°	22	29	36	42	48	56	63	71	82	96	115
-30°	21	28	35	41	47	54	61	68	78	89	105
-32.5°	20	28	34	40	46	52	59	66	74	84	95
-35°	19	26	33	38	44	51	57	63	70	79	89
-37.5°	19	25	31	37	43	49	55	61	67	74	83
-40°	18	24	30	36	41	47	52	58	64	71	78
-42.5°	18	23	29	34	39	45	50	56	61	68	74
-45°	17	22	27	32	38	43	48	53	59	65	71
-47.5°	16	21	26	30	35	40	46	51	56	61	67
-50°	15	19	24	28	33	38	43	48	53	58	63
-52.5°	14	17	22	26	30	35	40	45	50	55	59
-55°	12	16	20	24	28	32	37	42	47	51	56
-57.5°	11	14	18	22	26	30	34	39	43	48	52
-60°	10	13	16	20	24	28	32	36	40	44	48
-62.5°	9	12	14	17	21	25	29	32	36	40	44
-65°	8	10	12	15	18	21	25	29	32	36	39
-67.5°	7	9	11	13	15	18	21	24	28	31	34
-70°	6	8	9	11	13	15	18	21	23	26	29
-72.5°	5	7	8	9	11	13	15	17	19	22	24
-75°	4	5	6	8	9	11	12	14	16	18	20
-77.5°	3	4	5	6	7	8	10	11	13	14	16
-80°	3	3	4	5	6	6	7	8	10	11	12
-82.5°	2	2	3	3	4	5	5	6	7	8	9
-85°	1	2	2	2	3	3	3	4	4	5	5
-87.5°	1	1	1	1	1	1	2	2	2	2	3
-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	0	0	0	0	0	0	0	0	0	0
60°	1	1	1	2	2	1	2	2	2	2	2
57.5°	4	4	4	5	6	6	6	7	7	8	8
55°	7	8	9	10	11	13	14	14	14	15	16
52.5°	10	12	13	14	16	17	18	19	20	22	23
50°	15	16	18	20	22	23	24	26	28	30	32
47.5°	20	22	24	28	30	31	33	36	39	42	44
45°	24	27	31	34	36	39	42	45	49	54	57
42.5°	29	33	36	40	42	47	52	56	62	68	71
40°	35	39	44	48	53	59	67	75	83	93	99
37.5°	42	48	55	62	70	78	93	109	122	140	150
35°	51	59	69	80	92	112	134	164	196	222	247
32.5°	60	71	85	104	125	156	190	246	300	354	407
30°	70	85	107	133	168	217	281	367	460	541	615
27.5°	83	105	133	171	230	303	420	540	658	764	840
25°	98	128	167	230	316	437	594	740	880	984	1071
22.5°	121	164	221	301	457	626	813	997	1154	1285	1371
20°	148	207	301	448	631	842	1083	1277	1469	1617	1748
17.5°	188	282	414	600	819	1100	1348	1565	1809	1960	2094
15°	223	344	533	770	1027	1324	1617	1882	2118	2284	2434
12.5°	267	410	627	906	1187	1518	1823	2106	2337	2508	2613
10°	307	477	721	1013	1327	1674	1989	2284	2508	2640	2717
7.5°	340	533	798	1104	1436	1785	2118	2411	2625	2735	2788
5°	365	575	857	1179	1524	1881	2221	2508	2688	2779	2809
2.5°	383	604	897	1229	1584	1952	2299	2581	2735	2801	2811
0°	396	624	924	1260	1634	1977	2341	2628	2774	2827	2832
-2.5°	393	617	922	1249	1628	1988	2348	2631	2788	2859	2870
-5°	385	600	892	1217	1582	1943	2285	2584	2777	2884	2931
-7.5°	370	570	840	1156	1507	1868	2217	2528	2749	2900	2992
-10°	343	526	773	1078	1425	1769	2114	2436	2675	2856	2985
-12.5°	307	466	691	969	1317	1638	1965	2274	2534	2757	2891
-15°	270	405	606	860	1164	1480	1782	2085	2342	2551	2717
-17.5°	244	350	508	731	997	1297	1592	1870	2101	2298	2473
-20°	211	290	415	602	836	1098	1381	1628	1835	2019	2186



REPORT NUMBER: P626536 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-727-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	184	248	338	466	676	908	1139	1367	1561	1725	1868
-25°	160	205	275	379	516	716	910	1103	1282	1435	1563
-27.5°	141	177	224	298	402	518	689	849	1004	1143	1264
-30°	124	151	187	233	304	391	493	614	737	847	957
-32.5°	111	130	156	190	230	292	354	434	512	593	672
-35°	100	116	133	156	183	219	260	309	351	404	452
-37.5°	93	103	117	131	151	171	198	228	254	283	308
-40°	86	95	104	113	127	140	158	175	192	209	223
-42.5°	81	88	94	102	110	121	133	143	153	164	172
-45°	77	82	87	93	99	107	115	123	130	136	140
-47.5°	72	77	81	86	91	97	102	107	113	117	121
-50°	68	72	77	81	85	89	94	98	102	105	107
-52.5°	64	68	72	76	80	83	87	91	94	97	99
-55°	60	65	69	72	75	78	82	85	88	91	92
-57.5°	57	61	65	68	71	74	77	80	83	86	87
-60°	53	57	61	64	67	70	73	75	78	80	81
-62.5°	48	52	55	58	61	63	66	69	72	74	76
-65°	42	46	49	51	54	56	59	62	65	67	68
-67.5°	37	40	42	45	47	50	52	55	57	59	61
-70°	32	34	37	39	41	44	46	48	50	52	53
-72.5°	27	29	31	33	35	37	39	41	43	44	45
-75°	22	24	26	28	29	31	32	34	35	36	37
-77.5°	17	19	21	22	24	25	26	27	28	29	30
-80°	13	15	16	17	18	19	20	21	21	22	23
-82.5°	10	10	11	12	13	13	14	14	15	16	16
-85°	6	7	7	7	8	8	9	9	9	10	10
-87.5°	3	3	3	4	4	4	4	4	4	5	5
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626536 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-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°	0	0	0	0	0	0	0	0	0	0	0
60°	2	1	1	2	1	1	2	2	2	2	2
57.5°	8	7	7	6	7	7	8	8	8	7	7
55°	17	17	18	18	18	17	17	16	15	14	14
52.5°	24	24	24	23	24	24	24	23	22	20	19
50°	32	32	32	31	32	32	32	32	30	28	26
47.5°	45	46	46	46	46	46	45	44	42	39	36
45°	58	59	59	59	59	59	58	57	54	49	45
42.5°	73	74	74	74	74	74	73	71	68	62	56
40°	103	105	104	102	104	105	103	99	93	83	75
37.5°	157	162	164	164	164	162	157	150	140	122	109
35°	270	288	296	286	296	288	270	247	222	196	164
32.5°	451	483	501	501	501	483	451	407	354	300	246
30°	671	711	734	739	734	711	671	615	541	460	367
27.5°	900	941	963	960	963	941	900	840	764	658	540
25°	1129	1161	1179	1179	1179	1161	1129	1071	984	880	740
22.5°	1468	1534	1561	1569	1561	1534	1468	1371	1285	1154	997
20°	1837	1901	1943	1945	1943	1901	1837	1748	1617	1469	1277
17.5°	2189	2221	2227	2230	2227	2221	2189	2094	1960	1809	1565
15°	2521	2532	2561	2565	2561	2532	2521	2434	2284	2118	1882
12.5°	2679	2689	2684	2670	2684	2689	2679	2613	2508	2337	2106
10°	2764	2750	2729	2703	2729	2750	2764	2717	2640	2508	2284
7.5°	2784	2768	2730	2693	2730	2768	2784	2788	2735	2625	2411
5°	2793	2746	2699	2653	2699	2746	2793	2809	2779	2688	2508
2.5°	2788	2732	2667	2618	2667	2732	2788	2811	2801	2735	2581
0°	2805	2749	2681	2662	2681	2749	2805	2832	2827	2774	2628
-2.5°	2855	2809	2774	2764	2774	2809	2855	2870	2859	2788	2631
-5°	2944	2934	2873	2887	2873	2934	2944	2931	2884	2777	2584
-7.5°	3030	3016	2990	3023	2990	3016	3030	2992	2900	2749	2528
-10°	3053	3048	3060	3090	3060	3048	3053	2985	2856	2675	2436
-12.5°	2983	3020	3061	3092	3061	3020	2983	2891	2757	2534	2274
-15°	2826	2902	2963	2992	2963	2902	2826	2717	2551	2342	2085
-17.5°	2596	2688	2761	2782	2761	2688	2596	2473	2298	2101	1870
-20°	2312	2406	2473	2499	2473	2406	2312	2186	2019	1835	1628

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Scaled Data Report



REPORT NUMBER: P626536 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-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°
-22.5°	1993	2085	2145	2177	2145	2085	1993	1868	1725	1561	1367
-25°	1669	1750	1803	1817	1803	1750	1669	1563	1435	1282	1103
-27.5°	1360	1424	1464	1468	1464	1424	1360	1264	1143	1004	849
-30°	1048	1108	1142	1160	1142	1108	1048	957	847	737	614
-32.5°	736	784	813	820	813	784	736	672	593	512	434
-35°	491	520	539	542	539	520	491	452	404	351	309
-37.5°	328	343	351	356	351	343	328	308	283	254	228
-40°	232	239	243	244	243	239	232	223	209	192	175
-42.5°	178	181	183	184	183	181	178	172	164	153	143
-45°	144	146	148	148	148	146	144	140	136	130	123
-47.5°	123	124	125	126	125	124	123	121	117	113	107
-50°	108	109	110	110	110	109	108	107	105	102	98
-52.5°	99	100	100	100	100	100	99	99	97	94	91
-55°	93	93	93	93	93	93	93	92	91	88	85
-57.5°	87	88	88	87	88	88	87	87	86	83	80
-60°	82	83	83	83	83	83	82	81	80	78	75
-62.5°	77	78	78	78	78	78	77	76	74	72	69
-65°	70	71	71	71	71	71	70	68	67	65	62
-67.5°	62	63	63	62	63	63	62	61	59	57	55
-70°	54	55	55	55	55	55	54	53	52	50	48
-72.5°	46	47	48	48	48	47	46	45	44	43	41
-75°	38	39	39	39	39	39	38	37	36	35	34
-77.5°	31	32	32	31	32	32	31	30	29	28	27
-80°	24	24	24	24	24	24	24	23	22	21	21
-82.5°	17	17	17	17	17	17	17	16	16	15	14
-85°	10	11	11	11	11	11	10	10	10	9	9
-87.5°	5	5	5	5	5	5	5	5	5	4	4
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626536 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-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°	0	0	0	0	0	0	0	0	0	0	0
60°	2	1	2	2	1	1	1	1	0	0	0
57.5°	6	6	6	5	4	4	4	3	3	2	1
55°	14	13	11	10	9	8	7	6	5	4	3
52.5°	18	17	16	14	13	12	10	9	8	7	5
50°	24	23	22	20	18	16	15	13	11	9	8
47.5°	33	31	30	28	24	22	20	18	15	13	11
45°	42	39	36	34	31	27	24	22	19	17	15
42.5°	52	47	42	40	36	33	29	26	23	20	18
40°	67	59	53	48	44	39	35	31	27	23	21
37.5°	93	78	70	62	55	48	42	38	33	28	25
35°	134	112	92	80	69	59	51	45	39	34	29
32.5°	190	156	125	104	85	71	60	52	45	39	33
30°	281	217	168	133	107	85	70	60	51	43	38
27.5°	420	303	230	171	133	105	83	67	56	48	42
25°	594	437	316	230	167	128	98	78	63	52	46
22.5°	813	626	457	301	221	164	121	88	70	60	52
20°	1083	842	631	448	301	207	148	107	83	69	58
17.5°	1348	1100	819	600	414	282	188	130	96	78	64
15°	1617	1324	1027	770	533	344	223	153	110	87	71
12.5°	1823	1518	1187	906	627	410	267	182	128	96	76
10°	1989	1674	1327	1013	721	477	307	204	141	102	80
7.5°	2118	1785	1436	1104	798	533	340	221	151	108	84
5°	2221	1881	1524	1179	857	575	365	234	158	113	87
2.5°	2299	1952	1584	1229	897	604	383	245	165	118	89
0°	2341	1977	1634	1260	924	624	396	254	169	122	91
-2.5°	2348	1988	1628	1249	922	617	393	252	169	123	93
-5°	2285	1943	1582	1217	892	600	385	247	168	123	93
-7.5°	2217	1868	1507	1156	840	570	370	239	165	121	93
-10°	2114	1769	1425	1078	773	526	343	226	160	119	92
-12.5°	1965	1638	1317	969	691	466	307	210	152	114	90
-15°	1782	1480	1164	860	606	405	270	189	141	108	87
-17.5°	1592	1297	997	731	508	350	244	175	131	102	83
-20°	1381	1098	836	602	415	290	211	157	122	98	81

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CATALOG NUMBER: GFLD-SA1A-727-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1139	908	676	466	338	248	184	140	112	92	77
-25°	910	716	516	379	275	205	160	128	104	86	74
-27.5°	689	518	402	298	224	177	141	115	96	82	71
-30°	493	391	304	233	187	151	124	105	89	78	68
-32.5°	354	292	230	190	156	130	111	95	84	74	66
-35°	260	219	183	156	133	116	100	89	79	70	63
-37.5°	198	171	151	131	117	103	93	83	74	67	61
-40°	158	140	127	113	104	95	86	78	71	64	58
-42.5°	133	121	110	102	94	88	81	74	68	61	56
-45°	115	107	99	93	87	82	77	71	65	59	53
-47.5°	102	97	91	86	81	77	72	67	61	56	51
-50°	94	89	85	81	77	72	68	63	58	53	48
-52.5°	87	83	80	76	72	68	64	59	55	50	45
-55°	82	78	75	72	69	65	60	56	51	47	42
-57.5°	77	74	71	68	65	61	57	52	48	43	39
-60°	73	70	67	64	61	57	53	48	44	40	36
-62.5°	66	63	61	58	55	52	48	44	40	36	32
-65°	59	56	54	51	49	46	42	39	36	32	29
-67.5°	52	50	47	45	42	40	37	34	31	28	24
-70°	46	44	41	39	37	34	32	29	26	23	21
-72.5°	39	37	35	33	31	29	27	24	22	19	17
-75°	32	31	29	28	26	24	22	20	18	16	14
-77.5°	26	25	24	22	21	19	17	16	14	13	11
-80°	20	19	18	17	16	15	13	12	11	10	8
-82.5°	14	13	13	12	11	10	10	9	8	7	6
-85°	9	8	8	7	7	7	6	5	5	4	4
-87.5°	4	4	4	4	3	3	3	3	2	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0



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CATALOG NUMBER: GFLD-SA1A-727-U-MWR-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°	0	0	0	0	0	0	0	0	0	0	0
60°	0	0	1	0	0	0	1	0	0	0	0
57.5°	1	1	1	1	0	0	1	1	0	0	0
55°	1	1	1	1	1	0	1	1	1	0	0
52.5°	4	2	1	1	1	1	1	1	1	0	1
50°	6	4	2	1	1	1	1	1	1	1	1
47.5°	9	6	4	2	2	1	1	1	1	1	1
45°	12	9	6	4	2	2	1	1	1	1	1
42.5°	16	12	9	6	4	2	1	1	1	1	1
40°	19	16	12	8	5	3	2	1	1	1	1
37.5°	22	19	15	11	7	5	3	1	1	1	1
35°	25	22	18	14	9	6	4	2	1	1	1
32.5°	28	25	21	16	12	7	5	3	2	1	1
30°	32	27	23	19	14	9	7	4	2	1	1
27.5°	36	30	26	21	16	11	8	5	3	2	1
25°	40	33	28	23	19	13	9	6	3	2	1
22.5°	44	37	30	25	21	15	11	7	4	2	1
20°	48	40	32	28	23	17	12	8	5	3	1
17.5°	53	43	35	30	24	19	14	9	5	3	2
15°	58	47	38	32	26	20	15	10	6	4	2
12.5°	62	50	41	34	28	22	17	11	7	4	2
10°	65	53	44	36	30	23	18	12	7	5	3
7.5°	68	56	46	38	31	24	19	13	8	5	3
5°	71	58	48	40	32	26	19	14	9	5	3
2.5°	73	60	49	41	34	27	20	14	10	5	4
0°	74	61	50	42	34	28	21	15	11	6	4
-2.5°	75	62	51	43	36	29	22	15	11	6	4
-5°	75	62	52	43	37	29	22	16	12	7	4
-7.5°	75	63	53	44	37	30	23	17	12	8	4
-10°	75	62	53	44	38	30	23	17	12	8	5
-12.5°	74	62	53	45	38	30	23	17	12	8	5
-15°	72	61	53	45	38	31	24	18	13	8	5
-17.5°	70	60	52	44	37	31	24	18	13	8	5
-20°	68	59	52	44	37	30	24	17	13	8	5

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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°	67	58	51	43	37	30	24	17	12	8	5
-25°	65	57	50	43	36	30	23	16	12	8	5
-27.5°	63	56	48	42	36	29	22	16	12	8	5
-30°	61	54	47	41	35	28	21	15	11	8	5
-32.5°	59	52	46	40	34	28	20	15	11	8	5
-35°	57	51	44	38	33	26	19	14	11	7	5
-37.5°	55	49	43	37	31	25	19	14	10	7	5
-40°	52	47	41	36	30	24	18	14	10	7	4
-42.5°	50	45	39	34	29	23	18	13	9	6	4
-45°	48	43	38	32	27	22	17	13	9	6	4
-47.5°	46	40	35	30	26	21	16	12	8	6	4
-50°	43	38	33	28	24	19	15	11	8	6	4
-52.5°	40	35	30	26	22	17	14	10	7	5	4
-55°	37	32	28	24	20	16	12	9	7	5	3
-57.5°	34	30	26	22	18	14	11	9	7	5	3
-60°	32	28	24	20	16	13	10	8	6	4	3
-62.5°	29	25	21	17	14	12	9	7	6	4	3
-65°	25	21	18	15	12	10	8	7	5	4	3
-67.5°	21	18	15	13	11	9	7	6	4	3	2
-70°	18	15	13	11	9	8	6	5	4	3	2
-72.5°	15	13	11	9	8	7	5	4	3	2	2
-75°	12	11	9	8	6	5	4	3	3	2	2
-77.5°	10	8	7	6	5	4	3	3	2	2	1
-80°	7	6	6	5	4	3	3	2	2	2	1
-82.5°	5	5	4	3	3	2	2	2	1	1	1
-85°	3	3	3	2	2	2	1	1	1	1	1
-87.5°	2	1	1	1	1	1	1	1	1	0	0
-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: P626536 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-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	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°	0	0	0	0	0	0	0
50°	0	0	0	0	0	0	0
47.5°	1	0	0	0	0	0	0
45°	1	0	0	0	0	0	0
42.5°	1	0	0	0	0	0	0
40°	1	0	0	1	0	0	0
37.5°	1	0	0	1	0	0	0
35°	1	1	0	1	0	0	0
32.5°	1	1	0	1	0	0	0
30°	1	1	0	1	0	0	0
27.5°	1	1	1	1	0	0	0
25°	1	1	1	1	0	0	0
22.5°	1	1	1	1	0	0	0
20°	1	1	1	1	0	0	0
17.5°	1	1	1	1	0	0	0
15°	1	1	1	1	0	0	0
12.5°	1	1	1	1	0	0	0
10°	1	1	1	1	0	0	0
7.5°	1	1	1	1	0	0	0
5°	1	1	1	1	0	0	0
2.5°	1	1	1	1	0	0	0
0°	1	1	1	1	1	0	0
-2.5°	2	1	1	1	0	0	0
-5°	2	1	1	1	0	0	0
-7.5°	2	1	1	1	0	0	0
-10°	2	1	1	1	0	0	0
-12.5°	3	1	1	1	0	0	0
-15°	3	1	1	1	0	0	0
-17.5°	3	1	1	1	0	0	0
-20°	3	1	1	1	0	0	0

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CATALOG NUMBER: GFLD-SA1A-727-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)