

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: P626954 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA2D-727-U-MR-VSR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P626954 (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-SA2D-727-U-MR-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (32) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11430.9 lumens
Efficiency: N/A
Efficacy: 105.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 4H x 4V
Max Intensity: 40303.5 candela
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V
Beam Lumens: 5715.6 lumens
Beam Efficiency: 50.0%

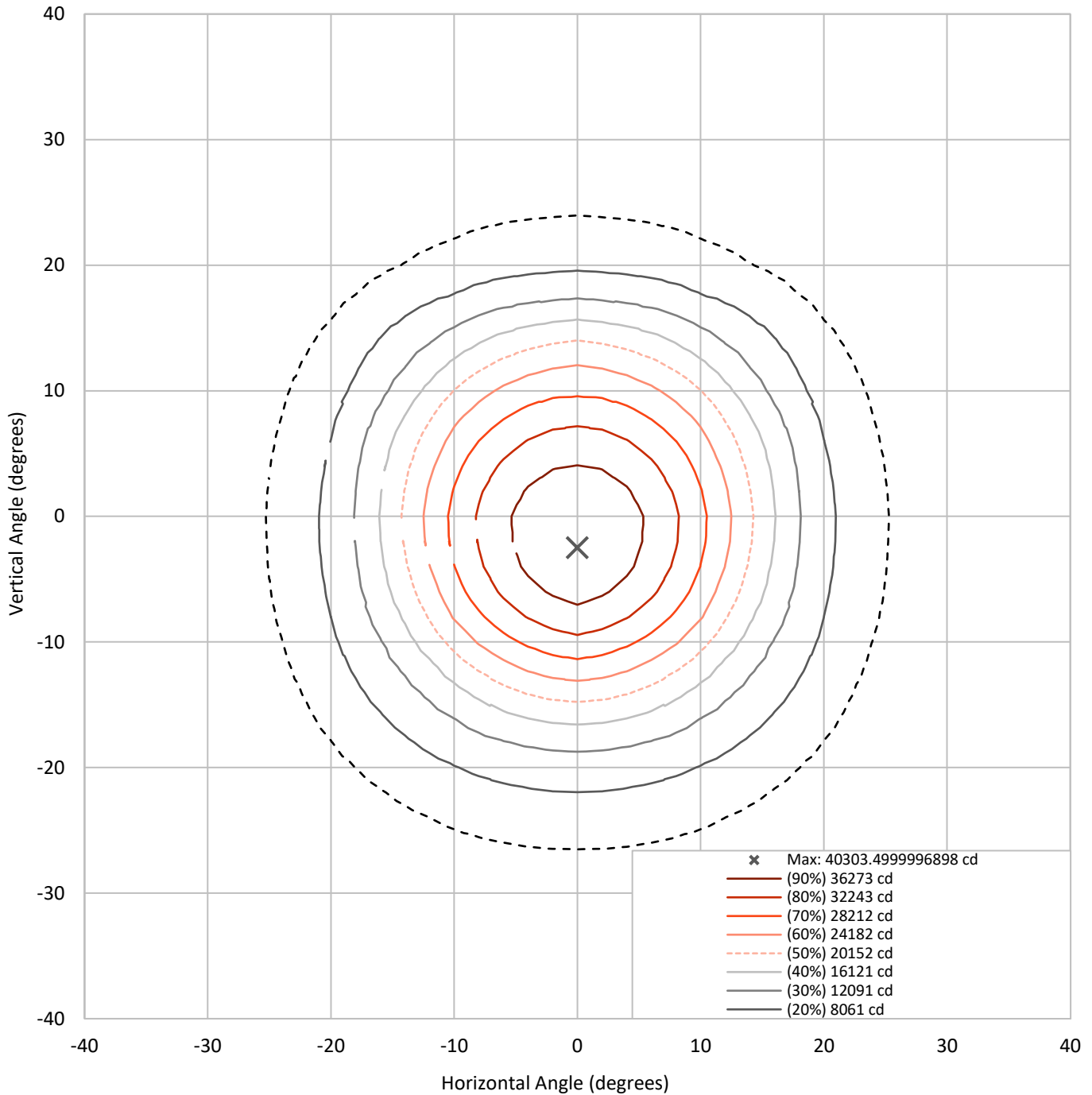
Field Angle (10%): 50.2°H x 50.4°V
Field Lumens: 9821.3 lumens
Field Efficiency: 85.9%

Input Watts (W): 108.74
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





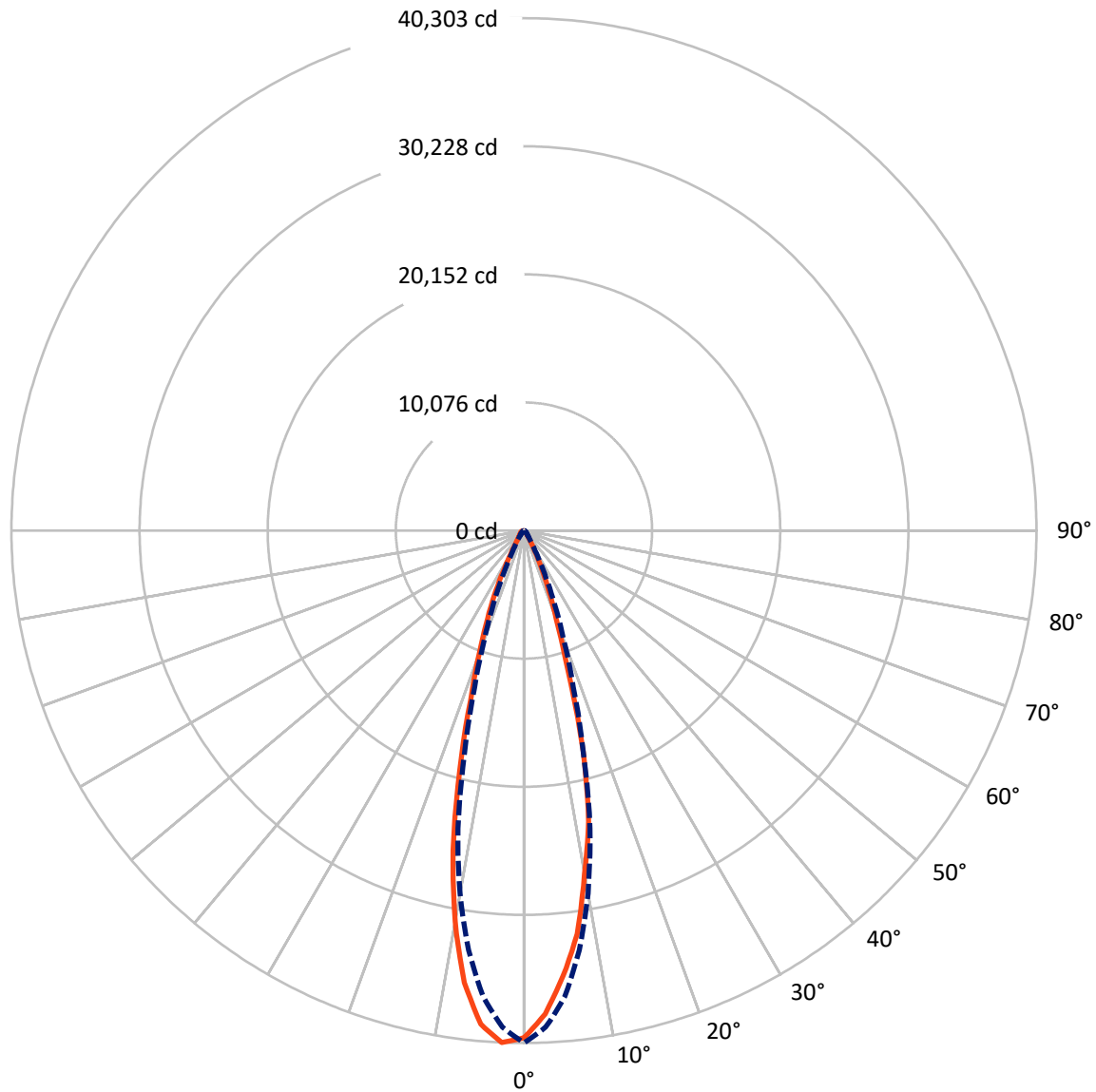
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Lumen Table

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	0.0	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	0.3	0.8	1.3	1.8	2.2	2.2	1.8	1.3	0.8	0.3	0.1	0.0				
40	0.0	0.1	0.4	1.2	2.4	3.7	5.2	6.1	6.1	5.2	3.7	2.4	1.2	0.4	0.1	0.0			
30		0.2	1.0	2.4	4.5	7.4	12.3	16.4	16.4	12.3	7.4	4.5	2.4	1.0	0.2				
20	0.1	0.4	1.5	3.7	7.1	17.3	54.2	99.5	99.5	54.2	17.3	7.1	3.7	1.5	0.4	0.1			
10		0.6	2.1	5.1	12.2	59.5	242.1	474.0	474.0	242.1	59.5	12.2	5.1	2.1	0.6				
0	0.2	0.7	2.6	6.0	17.4	113.5	488.8	958.1	958.1	488.8	113.5	17.4	6.0	2.6	0.7	0.2			
-10		0.8	2.8	6.4	18.6	118.9	501.5	1015.9	1015.9	501.5	118.9	18.6	6.4	2.8	0.8				
-20	0.2	0.9	2.9	6.2	15.3	73.0	277.4	537.6	537.6	277.4	73.0	15.3	6.2	2.9	0.9	0.2			
-30		0.9	2.7	5.7	11.2	28.3	85.9	153.2	153.2	85.9	28.3	11.2	5.7	2.7	0.9				
-40	0.2	0.7	2.4	4.9	8.5	14.0	22.8	30.6	30.6	22.8	14.0	8.5	4.9	2.4	0.7	0.2			
-50		0.6	2.0	4.1	6.7	9.6	12.7	14.2	14.2	12.7	9.6	6.7	4.1	2.0	0.6				
-60	0.1	0.5	1.5	3.2	5.3	7.3	9.2	10.0	10.0	9.2	7.3	5.3	3.2	1.5	0.5	0.1			
-70		0.3	0.9	2.1	3.5	5.0	6.2	6.9	6.9	6.2	5.0	3.5	2.1	0.9	0.3				
-80	0.0	0.7	3.4	7.3	9.2	7.3	3.4	0.7	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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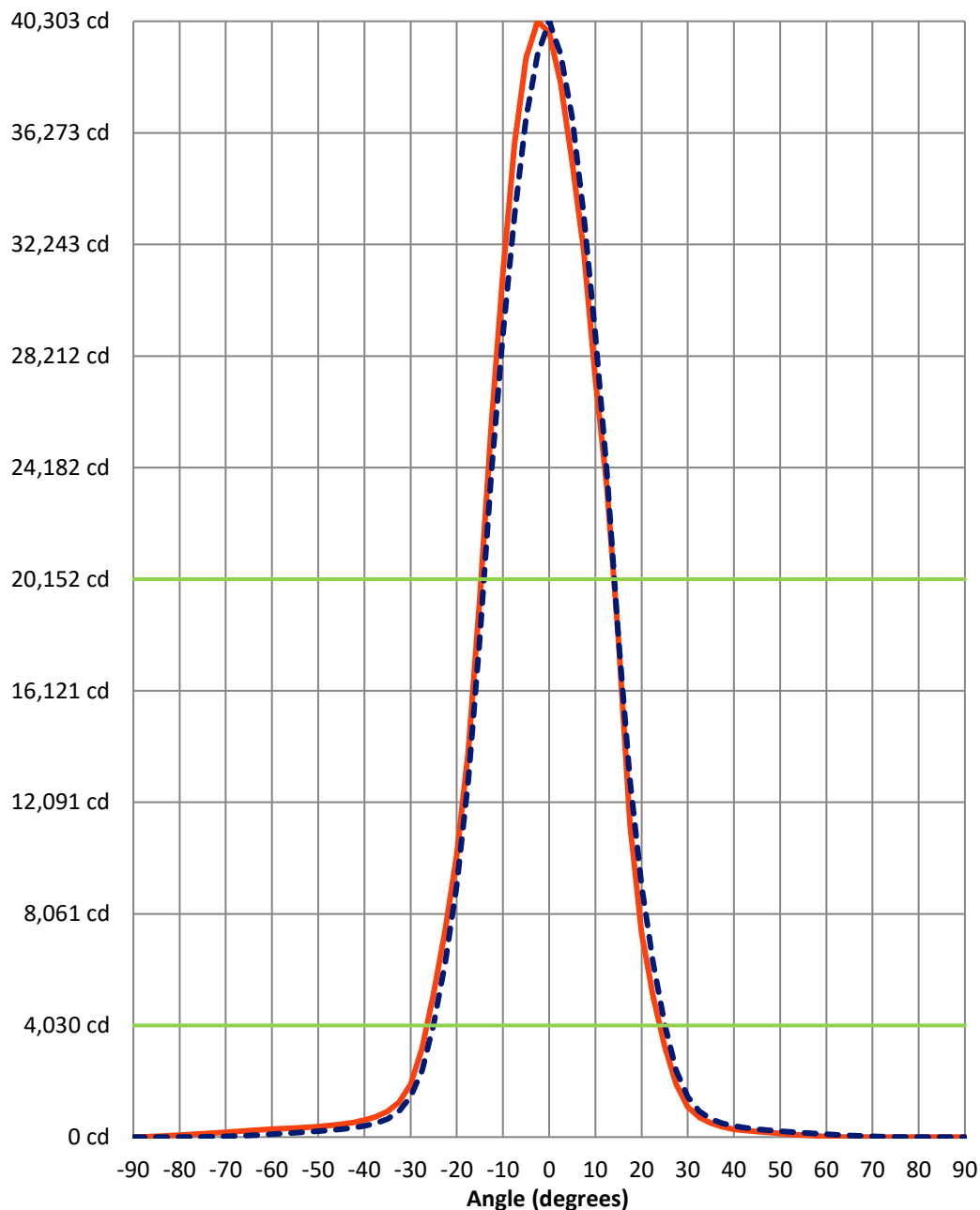
Luminous Intensity Polar Plot



— 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: 5715.6
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 9821.3
 Efficiency: 85.9%

Spill:
 Lumens: 1609.6
 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	0
60°	0	0	0	0	0	0	0	0	0	1	1
57.5°	0	0	0	0	0	0	0	0	0	1	1
55°	0	0	0	0	0	0	0	0	1	2	1
52.5°	0	0	0	0	0	0	0	1	2	2	1
50°	0	0	0	0	0	0	1	1	2	2	2
47.5°	0	0	0	0	0	1	1	2	2	2	2
45°	0	0	0	0	0	1	1	2	3	2	2
42.5°	0	0	0	0	0	1	2	3	3	2	4
40°	0	0	0	0	0	1	2	3	3	3	6
37.5°	0	0	0	0	0	2	2	3	3	4	8
35°	0	0	0	0	1	2	2	3	4	6	11
32.5°	0	0	0	0	1	2	3	3	5	8	14
30°	0	0	0	0	1	2	3	3	6	11	17
27.5°	0	0	0	0	1	2	3	3	7	13	20
25°	0	0	0	0	2	2	3	4	9	15	24
22.5°	0	0	0	0	2	3	3	5	11	18	28
20°	0	0	0	0	2	3	3	6	12	21	33
17.5°	0	0	0	0	2	3	3	7	14	24	37
15°	0	0	0	0	2	3	3	9	15	27	40
12.5°	0	0	0	0	2	3	3	10	17	29	43
10°	0	0	0	0	2	3	4	11	18	32	46
7.5°	0	0	0	0	2	3	4	12	20	35	49
5°	0	0	0	0	2	3	4	13	21	37	52
2.5°	0	0	0	0	2	3	5	14	22	39	54
0°	0	0	0	0	3	3	5	15	23	41	56
-2.5°	0	0	0	0	2	3	6	16	25	42	57
-5°	0	0	0	0	2	3	7	16	27	43	59
-7.5°	0	0	0	0	2	3	8	16	29	44	60
-10°	0	0	0	1	2	4	9	16	30	45	60
-12.5°	0	0	0	1	2	4	9	16	31	46	62
-15°	0	0	0	1	2	4	10	16	31	46	63
-17.5°	0	0	0	1	2	4	10	17	31	46	64
-20°	0	0	0	1	2	4	10	18	30	46	63

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REPORT NUMBER: P626954 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-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	1	2	4	10	18	30	46	63
-25°	0	0	0	1	2	4	11	19	29	45	61
-27.5°	0	0	0	1	2	5	11	19	28	43	60
-30°	0	0	0	1	3	5	10	19	28	42	58
-32.5°	0	0	0	1	3	5	10	19	28	41	55
-35°	0	0	0	1	3	5	10	18	27	39	53
-37.5°	0	0	0	1	3	5	10	18	27	37	51
-40°	0	0	0	1	3	5	10	17	26	36	50
-42.5°	0	0	0	1	3	6	10	17	25	35	48
-45°	0	0	0	0	3	6	10	16	24	33	46
-47.5°	0	0	0	0	3	5	9	15	23	31	43
-50°	0	0	0	0	3	5	9	14	22	30	40
-52.5°	0	0	0	0	3	5	8	13	20	28	37
-55°	0	0	0	1	2	5	8	12	19	26	34
-57.5°	0	0	0	1	2	5	7	11	17	23	31
-60°	0	0	0	1	2	4	7	10	15	21	28
-62.5°	0	0	0	1	2	4	6	9	13	19	25
-65°	0	0	0	1	2	3	6	8	12	17	22
-67.5°	0	0	0	1	2	3	5	7	10	15	19
-70°	0	0	0	1	2	3	5	7	9	12	17
-72.5°	0	0	0	0	1	3	4	6	8	10	14
-75°	0	0	0	0	1	2	4	5	6	8	11
-77.5°	0	0	0	0	1	2	3	4	5	6	8
-80°	0	0	0	0	1	2	3	3	4	5	6
-82.5°	0	0	0	0	1	1	2	2	3	3	4
-85°	0	0	0	0	0	1	1	2	2	2	2
-87.5°	0	0	0	0	0	0	1	1	1	1	1
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626954 (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	1	0	1	1
60°	0	0	0	1	1	1	1	2	2	2	5
57.5°	0	1	1	1	2	3	4	5	8	12	14
55°	1	2	2	2	4	6	8	13	17	22	27
52.5°	2	3	2	4	7	11	16	22	29	34	38
50°	2	3	3	8	13	18	26	35	40	45	52
47.5°	3	4	8	13	19	28	39	45	51	60	71
45°	5	7	12	19	28	40	49	56	65	76	87
42.5°	7	11	18	25	39	50	59	69	79	91	103
40°	10	15	24	36	50	61	72	82	93	107	120
37.5°	13	21	31	45	59	72	84	97	110	125	139
35°	16	27	39	54	69	84	97	111	128	144	161
32.5°	20	33	47	63	78	95	110	128	146	163	184
30°	26	39	54	71	87	105	124	145	162	182	204
27.5°	32	45	61	79	96	115	138	159	177	199	223
25°	37	51	68	86	105	126	151	172	192	216	244
22.5°	42	57	76	92	113	138	164	187	210	233	266
20°	47	64	83	101	121	149	176	202	229	258	295
17.5°	52	70	90	110	133	160	189	218	247	284	329
15°	56	76	97	119	143	171	201	233	267	310	362
12.5°	61	81	104	127	152	181	212	245	285	336	401
10°	65	86	110	134	160	190	222	256	299	354	429
7.5°	68	90	116	141	167	198	230	265	310	369	453
5°	71	94	121	145	173	204	236	273	320	381	471
2.5°	74	98	124	149	177	208	241	278	326	392	486
0°	76	101	127	152	180	211	244	282	330	401	495
-2.5°	79	105	130	155	184	213	246	285	334	404	497
-5°	80	107	132	158	186	215	248	286	336	404	498
-7.5°	82	109	134	159	188	217	249	287	338	403	498
-10°	83	110	135	161	189	218	249	287	336	399	490
-12.5°	84	111	136	162	190	218	248	284	331	391	474
-15°	85	111	136	161	190	218	246	280	324	381	453
-17.5°	86	111	135	160	188	217	244	276	317	371	439
-20°	85	110	134	158	186	214	241	272	310	358	420

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CATALOG NUMBER: GFLD-SA2D-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°	85	109	132	155	182	210	237	267	302	342	397
-25°	84	108	130	153	179	205	233	260	293	332	379
-27.5°	82	106	128	150	174	200	226	253	283	319	359
-30°	78	103	125	147	170	194	219	245	273	306	343
-32.5°	75	99	121	143	166	189	211	237	263	291	325
-35°	72	95	116	137	161	183	204	226	252	279	307
-37.5°	69	90	112	132	154	176	195	217	240	266	291
-40°	67	85	106	126	146	168	188	206	227	252	277
-42.5°	64	82	101	120	139	159	179	197	217	240	263
-45°	61	78	95	114	133	150	169	189	208	228	250
-47.5°	58	74	91	107	126	144	160	178	198	217	237
-50°	54	69	85	100	117	136	153	168	186	205	224
-52.5°	50	64	78	93	109	126	143	160	175	191	209
-55°	45	58	72	85	99	115	132	148	165	179	195
-57.5°	40	52	65	78	91	104	120	136	151	167	182
-60°	36	46	57	70	82	95	108	123	138	152	166
-62.5°	32	40	50	61	73	85	97	110	124	136	148
-65°	28	35	43	52	62	73	85	97	109	119	129
-67.5°	24	30	37	44	53	62	71	82	93	102	111
-70°	21	25	30	37	44	51	60	68	76	85	93
-72.5°	17	21	25	29	35	42	49	55	62	70	77
-75°	14	17	20	24	28	34	39	45	51	57	62
-77.5°	11	14	16	19	22	26	30	35	40	45	49
-80°	8	10	12	15	17	19	22	25	29	32	36
-82.5°	5	7	9	10	12	13	15	17	19	22	24
-85°	3	4	5	6	7	8	8	9	11	12	14
-87.5°	1	2	2	3	3	3	3	4	4	5	6
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626954 (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	0	1	1	0	0	0
62.5°	1	1	2	3	3	3	3	3	3	3	3
60°	6	6	10	12	11	9	13	14	14	12	12
57.5°	18	22	26	27	30	35	37	36	37	39	43
55°	31	35	37	42	47	52	56	59	62	65	69
52.5°	42	48	52	58	65	69	71	78	84	89	91
50°	60	66	73	80	87	93	98	105	113	122	127
47.5°	79	87	96	106	113	119	126	135	147	157	163
45°	97	106	117	126	135	143	153	165	176	187	195
42.5°	113	123	134	145	153	166	179	191	206	219	229
40°	131	141	157	169	179	192	213	230	248	264	274
37.5°	153	170	187	202	215	232	260	287	309	330	346
35°	179	199	221	237	257	288	323	360	398	429	456
32.5°	204	226	249	273	304	348	392	452	508	566	620
30°	226	251	279	310	360	422	493	585	685	786	900
27.5°	249	277	310	361	436	520	651	796	1004	1171	1441
25°	275	306	351	432	536	683	912	1172	1602	1968	2382
22.5°	306	354	417	518	693	958	1313	1879	2539	3152	3737
20°	344	409	517	679	928	1336	2010	2869	3787	4683	5551
17.5°	395	498	652	882	1236	2093	3096	4323	5895	7075	8194
15°	441	571	804	1176	1843	2946	4347	6227	8342	10121	12133
12.5°	495	653	934	1416	2369	3827	5614	7855	10359	13059	16210
10°	543	736	1098	1762	2917	4615	6617	9248	12464	16284	20267
7.5°	579	806	1235	2022	3379	5261	7649	10849	14922	19387	23929
5°	608	860	1343	2225	3773	5786	8402	12116	16758	21883	26400
2.5°	630	898	1414	2350	4038	6144	8918	12789	17882	23513	28255
0°	647	921	1454	2439	4162	6314	9156	13061	18408	24311	29188
-2.5°	653	933	1456	2408	4087	6303	9100	12895	18045	23994	28990
-5°	655	927	1419	2344	3954	6077	8736	12261	16936	22516	27579
-7.5°	650	902	1345	2187	3655	5678	8227	11321	15153	20073	25306
-10°	633	859	1244	1974	3243	5055	7435	10049	13110	17127	21368
-12.5°	601	794	1105	1655	2758	4350	6458	8769	11154	13794	17282
-15°	563	728	991	1461	2310	3610	5316	7268	9248	11269	13397
-17.5°	535	670	875	1203	1773	2825	4189	5758	7364	8969	10402
-20°	498	602	761	1016	1431	2053	3079	4300	5500	6809	7907

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REPORT NUMBER: P626954 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2D-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°	465	554	673	834	1112	1550	2135	2995	3907	4857	5759
-25°	435	501	596	725	892	1152	1538	1988	2628	3212	3882
-27.5°	408	464	529	624	750	893	1130	1392	1728	2007	2454
-30°	383	428	481	543	635	744	871	1030	1194	1359	1573
-32.5°	360	398	439	489	546	627	707	808	898	997	1099
-35°	337	370	405	444	488	542	601	668	728	788	841
-37.5°	317	345	375	406	441	479	525	573	613	652	685
-40°	301	324	349	375	403	433	469	504	531	557	578
-42.5°	285	306	325	347	371	398	427	453	472	489	503
-45°	271	289	306	324	344	368	392	413	427	441	451
-47.5°	255	271	288	304	323	342	361	377	390	401	409
-50°	240	256	271	284	301	318	335	348	359	369	374
-52.5°	226	241	255	269	283	296	309	322	334	344	347
-55°	211	226	239	252	265	278	290	301	311	321	324
-57.5°	197	212	226	237	248	259	271	281	291	300	303
-60°	181	196	208	219	229	240	250	260	270	278	282
-62.5°	162	176	187	197	207	216	225	234	243	250	254
-65°	139	151	162	172	181	189	198	206	213	219	222
-67.5°	120	128	138	147	155	164	171	178	185	190	193
-70°	101	109	117	125	133	140	147	153	159	163	167
-72.5°	84	91	98	105	112	119	124	130	135	139	142
-75°	68	74	80	86	92	98	102	107	111	114	117
-77.5°	54	59	63	68	72	76	80	84	87	90	92
-80°	40	44	47	51	54	57	60	62	65	67	70
-82.5°	27	30	33	35	38	40	41	43	44	46	47
-85°	16	17	19	21	23	24	25	26	27	28	29
-87.5°	6	7	8	8	9	9	10	10	10	11	11
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626954 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-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°	3	3	2	2	2	3	3	3	3	3	3
60°	11	10	10	10	10	10	11	12	12	14	14
57.5°	47	51	53	53	53	51	47	43	39	37	36
55°	72	74	75	74	75	74	72	69	65	62	59
52.5°	93	93	93	91	93	93	93	91	89	84	78
50°	129	129	129	129	129	129	129	127	122	113	105
47.5°	166	168	168	168	168	168	166	163	157	147	135
45°	198	201	202	201	202	201	198	195	187	176	165
42.5°	233	235	235	236	235	235	233	229	219	206	191
40°	279	280	280	279	280	280	279	274	264	248	230
37.5°	356	361	364	371	364	361	356	346	330	309	287
35°	477	490	497	508	497	490	477	456	429	398	360
32.5°	658	685	699	713	699	685	658	620	566	508	452
30°	979	1031	1052	1091	1052	1031	979	900	786	685	585
27.5°	1638	1762	1811	1913	1811	1762	1638	1441	1171	1004	796
25°	2760	3027	3175	3291	3175	3027	2760	2382	1968	1602	1172
22.5°	4327	4719	4928	5083	4928	4719	4327	3737	3152	2539	1879
20°	6337	6854	7163	7387	7163	6854	6337	5551	4683	3787	2869
17.5°	9631	10444	10920	11328	10920	10444	9631	8194	7075	5895	4323
15°	14378	16012	17282	17990	17282	16012	14378	12133	10121	8342	6227
12.5°	18996	21390	22812	23466	22812	21390	18996	16210	13059	10359	7855
10°	23563	25820	27173	27412	27173	25820	23563	20267	16284	12464	9248
7.5°	27059	29541	31339	31993	31339	29541	27059	23929	19387	14922	10849
5°	30147	33054	34956	35198	34956	33054	30147	26400	21883	16758	12116
2.5°	32419	35578	37423	38058	37423	35578	32419	28255	23513	17882	12789
0°	33518	36921	38974	39897	38974	36921	33518	29188	24311	18408	13061
-2.5°	33286	36806	39098	40303	39098	36806	33286	28990	23994	18045	12895
-5°	32021	35551	37688	38969	37688	35551	32021	27579	22516	16936	12261
-7.5°	29102	32403	34678	35860	34678	32403	29102	25306	20073	15153	11321
-10°	25341	28135	30208	31216	30208	28135	25341	21368	17127	13110	10049
-12.5°	20454	23164	25035	25747	25035	23164	20454	17282	13794	11154	8769
-15°	15672	17740	19069	19489	19069	17740	15672	13397	11269	9248	7268
-17.5°	11885	12998	13746	13947	13746	12998	11885	10402	8969	7364	5758
-20°	8904	9594	10079	10194	10079	9594	8904	7907	6809	5500	4300

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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°	6488	7006	7398	7476	7398	7006	6488	5759	4857	3907	2995
-25°	4475	4909	5175	5195	5175	4909	4475	3882	3212	2628	1988
-27.5°	2806	3044	3167	3210	3167	3044	2806	2454	2007	1728	1392
-30°	1734	1844	1901	1903	1901	1844	1734	1573	1359	1194	1030
-32.5°	1177	1230	1259	1259	1259	1230	1177	1099	997	898	808
-35°	882	909	925	926	925	909	882	841	788	728	668
-37.5°	709	724	732	733	732	724	709	685	652	613	573
-40°	593	603	610	614	610	603	593	578	557	531	504
-42.5°	513	520	523	520	523	520	513	503	489	472	453
-45°	457	461	463	464	463	461	457	451	441	427	413
-47.5°	412	414	415	416	415	414	412	409	401	390	377
-50°	377	379	379	378	379	379	377	374	369	359	348
-52.5°	349	349	350	350	350	349	349	347	344	334	322
-55°	326	327	327	327	327	327	326	324	321	311	301
-57.5°	306	308	308	307	308	308	306	303	300	291	281
-60°	285	288	289	289	289	288	285	282	278	270	260
-62.5°	257	260	261	261	261	260	257	254	250	243	234
-65°	225	227	230	233	230	227	225	222	219	213	206
-67.5°	195	197	200	203	200	197	195	193	190	185	178
-70°	169	172	172	173	172	172	169	167	163	159	153
-72.5°	144	146	147	147	147	146	144	142	139	135	130
-75°	119	121	122	122	122	121	119	117	114	111	107
-77.5°	94	96	96	96	96	96	94	92	90	87	84
-80°	71	73	72	71	72	73	71	70	67	65	62
-82.5°	49	51	49	48	49	51	49	47	46	44	43
-85°	30	30	29	28	29	30	30	29	28	27	26
-87.5°	12	13	11	10	11	13	12	11	11	10	10
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626954 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-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	0	0	0	0	0	0	0	0	0	0
62.5°	3	3	3	3	2	1	1	1	1	0	1
60°	13	9	11	12	10	6	6	5	2	2	2
57.5°	37	35	30	27	26	22	18	14	12	8	5
55°	56	52	47	42	37	35	31	27	22	17	13
52.5°	71	69	65	58	52	48	42	38	34	29	22
50°	98	93	87	80	73	66	60	52	45	40	35
47.5°	126	119	113	106	96	87	79	71	60	51	45
45°	153	143	135	126	117	106	97	87	76	65	56
42.5°	179	166	153	145	134	123	113	103	91	79	69
40°	213	192	179	169	157	141	131	120	107	93	82
37.5°	260	232	215	202	187	170	153	139	125	110	97
35°	323	288	257	237	221	199	179	161	144	128	111
32.5°	392	348	304	273	249	226	204	184	163	146	128
30°	493	422	360	310	279	251	226	204	182	162	145
27.5°	651	520	436	361	310	277	249	223	199	177	159
25°	912	683	536	432	351	306	275	244	216	192	172
22.5°	1313	958	693	518	417	354	306	266	233	210	187
20°	2010	1336	928	679	517	409	344	295	258	229	202
17.5°	3096	2093	1236	882	652	498	395	329	284	247	218
15°	4347	2946	1843	1176	804	571	441	362	310	267	233
12.5°	5614	3827	2369	1416	934	653	495	401	336	285	245
10°	6617	4615	2917	1762	1098	736	543	429	354	299	256
7.5°	7649	5261	3379	2022	1235	806	579	453	369	310	265
5°	8402	5786	3773	2225	1343	860	608	471	381	320	273
2.5°	8918	6144	4038	2350	1414	898	630	486	392	326	278
0°	9156	6314	4162	2439	1454	921	647	495	401	330	282
-2.5°	9100	6303	4087	2408	1456	933	653	497	404	334	285
-5°	8736	6077	3954	2344	1419	927	655	498	404	336	286
-7.5°	8227	5678	3655	2187	1345	902	650	498	403	338	287
-10°	7435	5055	3243	1974	1244	859	633	490	399	336	287
-12.5°	6458	4350	2758	1655	1105	794	601	474	391	331	284
-15°	5316	3610	2310	1461	991	728	563	453	381	324	280
-17.5°	4189	2825	1773	1203	875	670	535	439	371	317	276
-20°	3079	2053	1431	1016	761	602	498	420	358	310	272

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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°	2135	1550	1112	834	673	554	465	397	342	302	267
-25°	1538	1152	892	725	596	501	435	379	332	293	260
-27.5°	1130	893	750	624	529	464	408	359	319	283	253
-30°	871	744	635	543	481	428	383	343	306	273	245
-32.5°	707	627	546	489	439	398	360	325	291	263	237
-35°	601	542	488	444	405	370	337	307	279	252	226
-37.5°	525	479	441	406	375	345	317	291	266	240	217
-40°	469	433	403	375	349	324	301	277	252	227	206
-42.5°	427	398	371	347	325	306	285	263	240	217	197
-45°	392	368	344	324	306	289	271	250	228	208	189
-47.5°	361	342	323	304	288	271	255	237	217	198	178
-50°	335	318	301	284	271	256	240	224	205	186	168
-52.5°	309	296	283	269	255	241	226	209	191	175	160
-55°	290	278	265	252	239	226	211	195	179	165	148
-57.5°	271	259	248	237	226	212	197	182	167	151	136
-60°	250	240	229	219	208	196	181	166	152	138	123
-62.5°	225	216	207	197	187	176	162	148	136	124	110
-65°	198	189	181	172	162	151	139	129	119	109	97
-67.5°	171	164	155	147	138	128	120	111	102	93	82
-70°	147	140	133	125	117	109	101	93	85	76	68
-72.5°	124	119	112	105	98	91	84	77	70	62	55
-75°	102	98	92	86	80	74	68	62	57	51	45
-77.5°	80	76	72	68	63	59	54	49	45	40	35
-80°	60	57	54	51	47	44	40	36	32	29	25
-82.5°	41	40	38	35	33	30	27	24	22	19	17
-85°	25	24	23	21	19	17	16	14	12	11	9
-87.5°	10	9	9	8	8	7	6	6	5	4	4
-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°	0	0	0	0	0	0	0	0	0	0	0
60°	1	1	1	1	0	0	0	1	1	0	0
57.5°	4	3	2	1	1	1	0	1	1	0	0
55°	8	6	4	2	2	2	1	1	2	1	0
52.5°	16	11	7	4	2	3	2	1	2	2	1
50°	26	18	13	8	3	3	2	2	2	2	1
47.5°	39	28	19	13	8	4	3	2	2	2	2
45°	49	40	28	19	12	7	5	2	2	3	2
42.5°	59	50	39	25	18	11	7	4	2	3	3
40°	72	61	50	36	24	15	10	6	3	3	3
37.5°	84	72	59	45	31	21	13	8	4	3	3
35°	97	84	69	54	39	27	16	11	6	4	3
32.5°	110	95	78	63	47	33	20	14	8	5	3
30°	124	105	87	71	54	39	26	17	11	6	3
27.5°	138	115	96	79	61	45	32	20	13	7	3
25°	151	126	105	86	68	51	37	24	15	9	4
22.5°	164	138	113	92	76	57	42	28	18	11	5
20°	176	149	121	101	83	64	47	33	21	12	6
17.5°	189	160	133	110	90	70	52	37	24	14	7
15°	201	171	143	119	97	76	56	40	27	15	9
12.5°	212	181	152	127	104	81	61	43	29	17	10
10°	222	190	160	134	110	86	65	46	32	18	11
7.5°	230	198	167	141	116	90	68	49	35	20	12
5°	236	204	173	145	121	94	71	52	37	21	13
2.5°	241	208	177	149	124	98	74	54	39	22	14
0°	244	211	180	152	127	101	76	56	41	23	15
-2.5°	246	213	184	155	130	105	79	57	42	25	16
-5°	248	215	186	158	132	107	80	59	43	27	16
-7.5°	249	217	188	159	134	109	82	60	44	29	16
-10°	249	218	189	161	135	110	83	60	45	30	16
-12.5°	248	218	190	162	136	111	84	62	46	31	16
-15°	246	218	190	161	136	111	85	63	46	31	16
-17.5°	244	217	188	160	135	111	86	64	46	31	17
-20°	241	214	186	158	134	110	85	63	46	30	18

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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°	237	210	182	155	132	109	85	63	46	30	18
-25°	233	205	179	153	130	108	84	61	45	29	19
-27.5°	226	200	174	150	128	106	82	60	43	28	19
-30°	219	194	170	147	125	103	78	58	42	28	19
-32.5°	211	189	166	143	121	99	75	55	41	28	19
-35°	204	183	161	137	116	95	72	53	39	27	18
-37.5°	195	176	154	132	112	90	69	51	37	27	18
-40°	188	168	146	126	106	85	67	50	36	26	17
-42.5°	179	159	139	120	101	82	64	48	35	25	17
-45°	169	150	133	114	95	78	61	46	33	24	16
-47.5°	160	144	126	107	91	74	58	43	31	23	15
-50°	153	136	117	100	85	69	54	40	30	22	14
-52.5°	143	126	109	93	78	64	50	37	28	20	13
-55°	132	115	99	85	72	58	45	34	26	19	12
-57.5°	120	104	91	78	65	52	40	31	23	17	11
-60°	108	95	82	70	57	46	36	28	21	15	10
-62.5°	97	85	73	61	50	40	32	25	19	13	9
-65°	85	73	62	52	43	35	28	22	17	12	8
-67.5°	71	62	53	44	37	30	24	19	15	10	7
-70°	60	51	44	37	30	25	21	17	12	9	7
-72.5°	49	42	35	29	25	21	17	14	10	8	6
-75°	39	34	28	24	20	17	14	11	8	6	5
-77.5°	30	26	22	19	16	14	11	8	6	5	4
-80°	22	19	17	15	12	10	8	6	5	4	3
-82.5°	15	13	12	10	9	7	5	4	3	3	2
-85°	8	8	7	6	5	4	3	2	2	2	2
-87.5°	3	3	3	3	2	2	1	1	1	1	1
-90°	0	0	0	0	0	0	0	0	0	0	0

Classified

Cooper Lighting Solutions Photometric Lab

Scaled Data Report

1121 Highway 74 South

Peachtree City, GA 30269



REPORT NUMBER: P626954 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-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°	0	0	0	0	0	0	0
50°	1	0	0	0	0	0	0
47.5°	1	1	0	0	0	0	0
45°	1	1	0	0	0	0	0
42.5°	2	1	0	0	0	0	0
40°	2	1	0	0	0	0	0
37.5°	2	2	0	0	0	0	0
35°	2	2	1	0	0	0	0
32.5°	3	2	1	0	0	0	0
30°	3	2	1	0	0	0	0
27.5°	3	2	1	0	0	0	0
25°	3	2	2	0	0	0	0
22.5°	3	3	2	0	0	0	0
20°	3	3	2	0	0	0	0
17.5°	3	3	2	0	0	0	0
15°	3	3	2	0	0	0	0
12.5°	3	3	2	0	0	0	0
10°	4	3	2	0	0	0	0
7.5°	4	3	2	0	0	0	0
5°	4	3	2	0	0	0	0
2.5°	5	3	2	0	0	0	0
0°	5	3	3	0	0	0	0
-2.5°	6	3	2	0	0	0	0
-5°	7	3	2	0	0	0	0
-7.5°	8	3	2	0	0	0	0
-10°	9	4	2	1	0	0	0
-12.5°	9	4	2	1	0	0	0
-15°	10	4	2	1	0	0	0
-17.5°	10	4	2	1	0	0	0
-20°	10	4	2	1	0	0	0

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Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626954 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2D-727-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)