

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: P626916 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2C-735-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626916 (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-SA2C-735-U-MWR-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (32) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10845.6 lumens
Efficiency: N/A
Efficacy: 131.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 15194.6 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 7264.4 lumens
Beam Efficiency: 67.0%

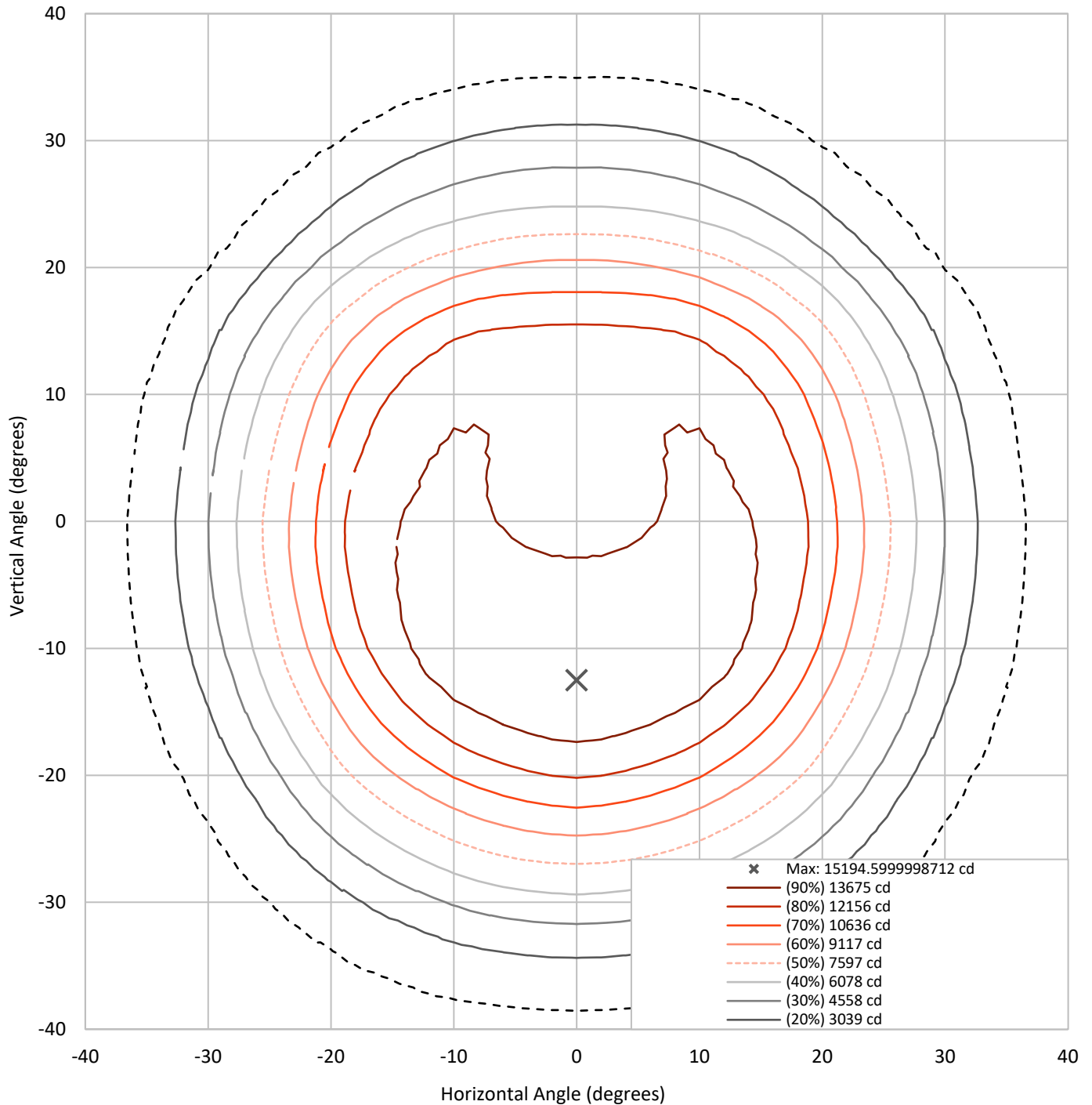
Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 9775.7 lumens
Field Efficiency: 90.1%

Input Watts (W): 82.6
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



REPORT NUMBER: P626916 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2C-735-U-MWR-VSR-XX

Iso-Candela Plot





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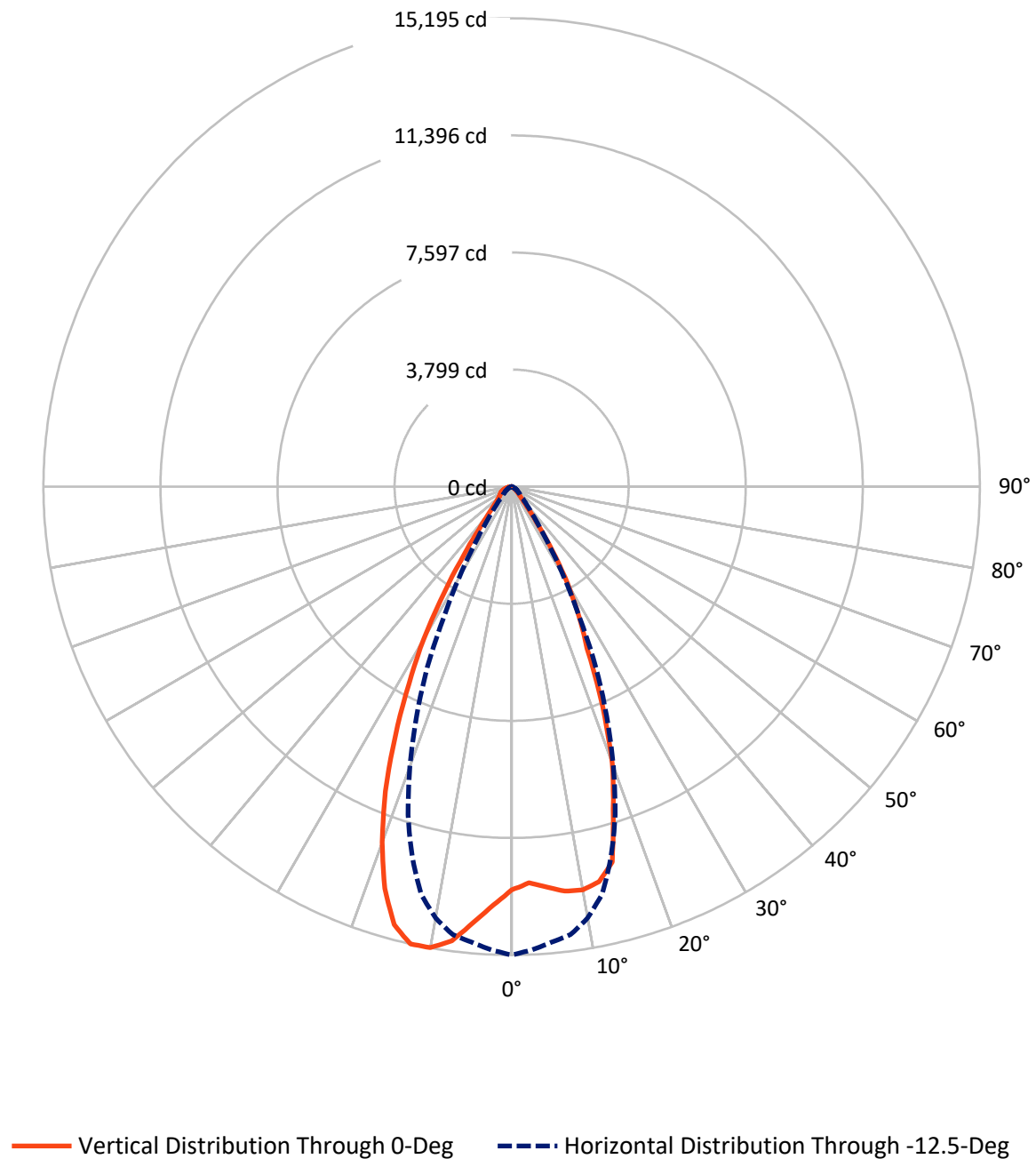
CATALOG NUMBER: GFLD-SA2C-735-U-MWR-VSR-XX

Lumen Table

90																			
80	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			
50		0.0	0.1	0.4	0.9	1.5	2.1	2.4	2.4	2.1	1.5	0.9	0.4	0.1	0.0				
40	0.1	0.1	0.4	1.5	3.0	5.0	7.4	9.1	9.1	7.4	5.0	3.0	1.5	0.4	0.1	0.1			
30		0.2	1.2	3.1	6.5	14.1	32.0	48.9	48.9	32.0	14.1	6.5	3.1	1.2	0.2				
20	0.1	0.4	2.0	5.1	13.6	50.4	129.8	181.5	181.5	129.8	50.4	13.6	5.1	2.0	0.4	0.1			
10		0.7	2.8	7.8	32.4	140.0	292.1	361.6	361.6	292.1	140.0	32.4	7.8	2.8	0.7				
0	0.2	0.9	3.5	10.1	51.6	206.2	376.6	408.3	408.3	376.6	206.2	51.6	10.1	3.5	0.9	0.2			
-10		1.1	3.9	10.8	54.0	212.9	390.1	433.3	433.3	390.1	212.9	54.0	10.8	3.9	1.1				
-20	0.3	1.2	3.9	9.8	38.6	158.5	329.1	420.3	420.3	329.1	158.5	38.6	9.8	3.9	1.2	0.3			
-30		1.2	3.7	8.2	21.6	76.9	183.4	258.1	258.1	183.4	76.9	21.6	8.2	3.7	1.2				
-40	0.3	1.0	3.3	6.8	12.9	27.4	57.3	85.0	85.0	57.3	27.4	12.9	6.8	3.3	1.0	0.3			
-50		0.8	2.8	5.7	9.4	13.9	19.5	23.2	23.2	19.5	13.9	9.4	5.7	2.8	0.8				
-60	0.2	0.6	2.1	4.4	7.4	10.2	12.8	14.0	14.0	12.8	10.2	7.4	4.4	2.1	0.6	0.2			
-70		0.4	1.3	3.0	5.2	7.3	9.3	10.4	10.4	9.3	7.3	5.2	3.0	1.3	0.4				
-80	0.1	1.2		5.5		11.6		14.9		11.6		5.5		1.2		0.1			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

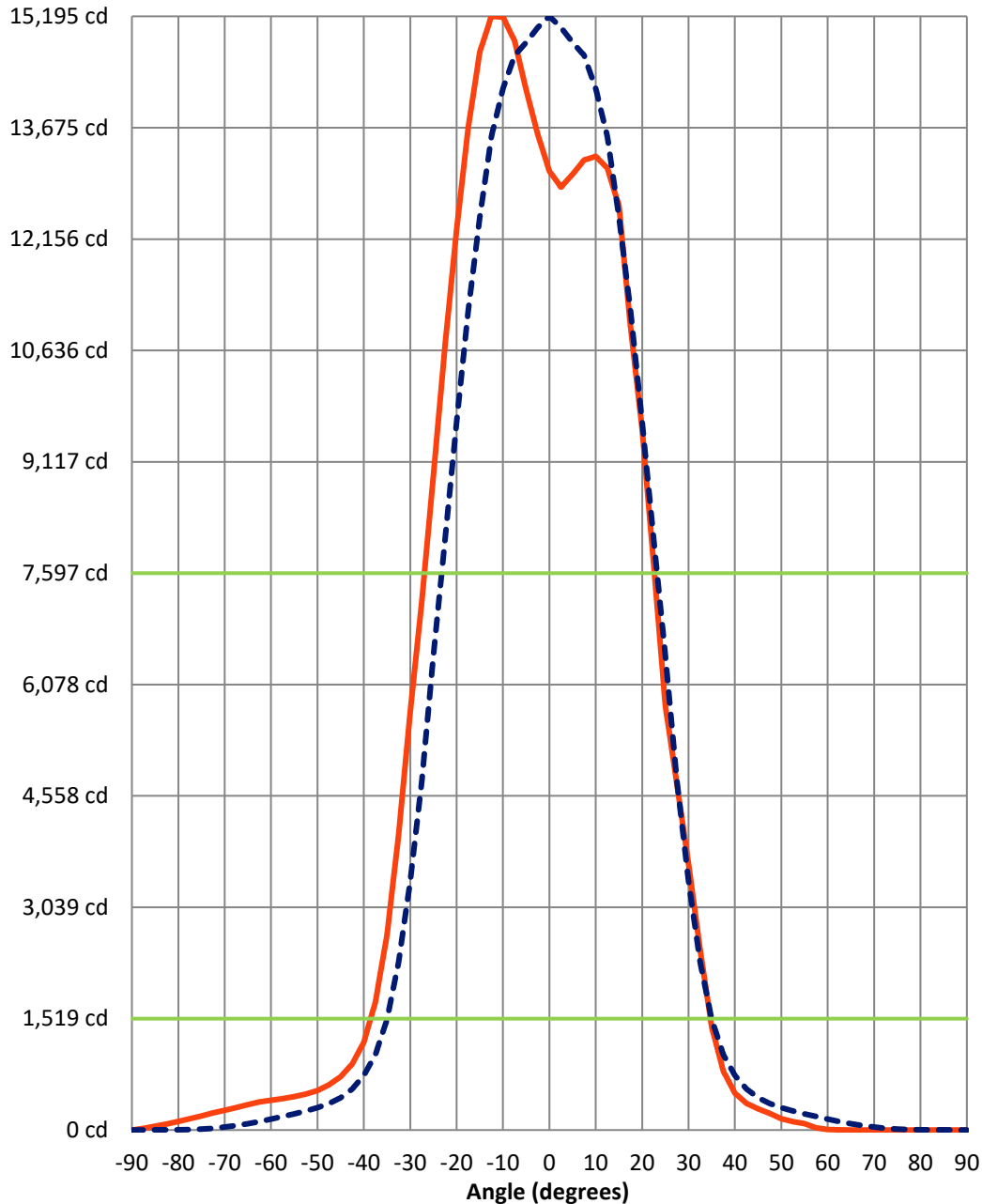
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 7264.4
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 9775.7
 Efficiency: 90.1%

Spill:
 Lumens: 1070
 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	1	1	0	0	0	0	0
67.5°	0	0	0	0	1	1	0	0	0	0	0
65°	0	0	0	1	1	1	0	0	1	1	1
62.5°	0	0	0	1	1	1	0	0	1	1	2
60°	0	0	0	1	2	1	0	1	2	2	2
57.5°	0	0	0	1	2	1	1	2	2	2	3
55°	0	0	0	2	2	1	1	2	2	3	3
52.5°	0	0	1	2	2	1	2	3	2	3	3
50°	0	0	1	2	2	2	2	3	3	3	3
47.5°	0	0	1	2	2	2	3	3	3	3	3
45°	0	0	1	2	2	2	3	3	3	3	4
42.5°	0	0	1	2	2	2	3	3	3	4	5
40°	0	0	1	3	2	2	3	3	3	5	6
37.5°	0	0	1	3	2	2	4	4	4	6	7
35°	0	0	2	3	2	3	4	4	5	7	9
32.5°	0	0	2	3	2	3	4	4	6	9	15
30°	0	0	2	3	2	3	4	4	7	11	20
27.5°	0	0	2	3	3	3	4	5	8	13	25
25°	0	0	2	3	3	4	5	6	10	17	29
22.5°	0	0	2	3	3	4	5	7	12	21	34
20°	0	0	2	3	3	4	5	7	14	24	39
17.5°	0	0	2	3	3	4	5	8	16	27	45
15°	0	0	2	3	3	5	5	9	18	30	50
12.5°	0	0	2	3	3	5	6	11	21	32	56
10°	0	0	2	3	3	5	6	13	22	36	61
7.5°	0	0	2	3	3	5	6	15	24	40	65
5°	0	0	2	3	3	5	7	17	25	44	68
2.5°	0	0	2	3	3	5	7	18	26	48	70
0°	0	0	3	3	3	5	7	20	27	52	72
-2.5°	0	0	2	3	3	5	9	21	31	55	76
-5°	0	0	2	3	3	6	10	21	34	57	79
-7.5°	0	0	2	3	3	6	11	22	37	58	82
-10°	0	0	2	3	3	6	12	22	39	60	84
-12.5°	0	0	2	3	3	6	13	22	39	60	84
-15°	0	0	2	3	4	6	14	23	42	62	87
-17.5°	0	0	2	3	4	6	14	23	42	62	87
-20°	0	0	2	3	4	6	14	24	41	62	86

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CATALOG NUMBER: GFLD-SA2C-735-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	3	4	6	14	25	40	61	84
-25°	0	0	2	3	4	7	14	25	40	59	80
-27.5°	0	1	2	3	4	7	14	25	39	58	79
-30°	0	1	2	3	4	8	14	25	38	56	76
-32.5°	0	1	2	3	4	8	13	24	38	55	73
-35°	0	1	2	3	4	8	14	24	37	53	70
-37.5°	0	1	2	3	4	8	14	23	35	51	68
-40°	0	1	2	3	4	8	14	22	33	49	67
-42.5°	0	1	2	3	4	8	14	21	31	46	65
-45°	0	1	2	3	4	8	13	20	30	44	62
-47.5°	0	1	2	3	5	8	13	20	28	40	58
-50°	0	1	2	3	5	8	12	19	27	39	54
-52.5°	0	1	2	3	5	8	12	18	26	37	49
-55°	0	1	2	3	5	7	12	17	25	34	46
-57.5°	0	1	2	3	4	7	11	16	23	32	43
-60°	0	1	2	3	4	7	10	15	21	30	39
-62.5°	0	1	2	3	4	6	10	14	20	27	36
-65°	0	0	2	3	4	6	9	13	18	25	33
-67.5°	0	0	2	3	4	6	8	12	16	22	29
-70°	0	0	2	3	4	5	7	10	14	19	25
-72.5°	0	0	1	3	4	5	7	9	12	16	21
-75°	0	0	1	2	4	5	6	8	10	13	17
-77.5°	0	0	1	2	3	4	6	7	9	11	13
-80°	0	0	1	2	3	4	5	6	8	9	11
-82.5°	0	0	1	1	2	3	4	5	6	7	9
-85°	0	0	0	1	1	2	3	3	4	5	6
-87.5°	0	0	0	0	1	1	1	2	2	3	3
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626916 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-735-U-MWR-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	1	1	1	0	0	0	0	0	0	0
65°	1	2	1	1	0	1	1	1	0	0	0
62.5°	2	2	1	1	1	2	1	1	0	1	1
60°	3	2	2	2	3	2	2	2	2	2	6
57.5°	3	2	2	3	3	3	3	4	9	15	16
55°	3	2	3	3	4	4	7	14	21	26	28
52.5°	3	3	4	5	6	9	17	25	32	37	44
50°	3	4	5	7	11	19	29	38	47	55	64
47.5°	4	5	8	11	20	31	43	54	64	75	89
45°	5	8	11	19	31	45	59	72	82	95	107
42.5°	6	12	18	27	44	60	76	87	99	113	129
40°	10	17	26	40	58	77	92	103	115	135	155
37.5°	15	24	35	53	74	93	107	121	139	162	185
35°	21	31	46	67	90	108	123	140	165	191	219
32.5°	27	37	58	81	103	122	139	164	191	220	258
30°	32	46	69	94	115	134	159	187	213	248	293
27.5°	38	56	80	105	126	147	179	206	236	276	330
25°	44	66	91	115	137	163	198	227	258	309	381
22.5°	52	76	101	124	147	180	217	254	294	345	434
20°	60	85	111	135	157	196	238	283	337	408	525
17.5°	68	93	120	146	173	214	261	314	381	469	641
15°	75	100	129	157	189	232	283	348	430	540	753
12.5°	81	107	137	168	203	248	303	374	470	629	896
10°	87	113	145	178	215	262	320	395	503	692	1003
7.5°	92	119	153	188	226	274	335	413	532	742	1087
5°	96	126	160	196	234	285	347	426	556	779	1151
2.5°	99	133	165	202	240	293	357	439	580	809	1206
0°	102	139	169	207	244	299	364	448	598	830	1248
-2.5°	106	143	175	211	251	303	367	455	604	833	1240
-5°	109	145	180	213	257	306	368	458	603	826	1214
-7.5°	111	146	184	216	260	307	368	456	597	812	1173
-10°	113	148	185	219	260	307	366	451	583	785	1110
-12.5°	115	149	185	220	260	305	362	441	560	745	1030
-15°	117	150	185	220	259	302	354	426	531	692	930
-17.5°	117	150	184	218	257	297	343	410	503	645	859
-20°	117	150	183	214	254	292	336	397	480	600	773

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CATALOG NUMBER: GFLD-SA2C-735-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°	116	149	182	211	249	287	328	381	451	549	689
-25°	114	147	179	209	243	280	317	364	425	512	628
-27.5°	110	144	176	206	237	273	308	350	403	470	563
-30°	104	140	171	202	232	266	299	335	382	440	514
-32.5°	99	135	166	196	226	258	290	323	363	411	469
-35°	95	129	160	188	219	249	280	310	343	386	436
-37.5°	93	123	154	181	210	240	269	298	329	362	408
-40°	90	117	148	175	201	230	258	286	314	348	382
-42.5°	86	112	141	168	193	219	246	273	301	332	365
-45°	83	107	134	159	184	209	235	260	288	317	348
-47.5°	78	101	127	149	174	199	224	249	273	300	330
-50°	72	94	118	139	161	186	211	236	260	283	309
-52.5°	66	86	108	130	150	170	196	221	245	268	291
-55°	60	78	98	119	139	158	180	205	229	252	275
-57.5°	55	70	89	109	128	147	168	189	213	235	257
-60°	51	63	79	97	117	136	155	176	197	218	238
-62.5°	46	57	70	85	103	122	140	159	179	197	216
-65°	42	50	61	74	88	105	123	141	159	175	191
-67.5°	37	44	53	63	75	90	104	120	137	153	167
-70°	32	38	46	54	63	75	88	101	115	129	143
-72.5°	26	32	39	45	54	63	74	84	96	108	120
-75°	21	26	32	38	44	52	61	70	79	89	99
-77.5°	17	21	25	30	35	41	48	55	63	71	78
-80°	13	16	19	23	27	32	36	41	47	53	59
-82.5°	10	12	15	17	20	23	26	29	34	38	43
-85°	7	9	10	11	13	15	17	19	21	24	27
-87.5°	4	4	5	6	6	7	8	9	10	11	13
-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°	1	1	1	1	1	1	1	2	2	2	2
60°	7	5	6	8	8	6	9	10	9	8	8
57.5°	17	19	22	25	28	30	32	34	36	37	38
55°	32	38	45	48	54	62	69	69	71	73	77
52.5°	51	59	62	68	79	85	89	94	101	107	112
50°	74	81	88	98	108	114	117	127	139	149	155
47.5°	98	106	120	137	145	153	163	176	190	205	216
45°	119	135	152	167	179	191	205	222	243	264	279
42.5°	144	161	179	196	209	230	255	274	305	332	349
40°	173	190	215	236	263	290	332	371	410	455	488
37.5°	208	234	269	303	342	382	458	535	597	686	735
35°	249	290	340	391	453	550	659	808	962	1091	1215
32.5°	297	349	418	510	614	769	934	1208	1474	1741	2002
30°	344	420	526	651	823	1068	1379	1802	2260	2661	3024
27.5°	407	514	651	840	1132	1491	2065	2652	3236	3756	4130
25°	483	626	821	1132	1555	2150	2919	3639	4324	4834	5264
22.5°	593	808	1084	1481	2247	3075	3995	4901	5670	6313	6737
20°	729	1019	1481	2200	3102	4137	5321	6274	7221	7945	8592
17.5°	922	1384	2036	2949	4026	5407	6626	7689	8891	9631	10291
15°	1095	1689	2619	3783	5045	6509	7947	9248	10409	11222	11960
12.5°	1314	2013	3082	4452	5832	7461	8957	10350	11487	12324	12840
10°	1510	2345	3545	4977	6523	8224	9774	11225	12326	12973	13352
7.5°	1668	2622	3920	5427	7059	8771	10409	11848	12902	13443	13702
5°	1791	2826	4213	5796	7491	9243	10914	12323	13211	13658	13803
2.5°	1883	2969	4411	6038	7782	9591	11297	12686	13443	13766	13814
0°	1946	3069	4539	6191	8032	9716	11505	12915	13635	13894	13919
-2.5°	1931	3033	4534	6136	8003	9772	11538	12930	13700	14048	14105
-5°	1892	2948	4383	5979	7776	9547	11231	12701	13646	14172	14405
-7.5°	1816	2800	4126	5679	7407	9180	10897	12422	13510	14250	14706
-10°	1687	2585	3797	5299	7002	8692	10390	11972	13144	14034	14669
-12.5°	1511	2292	3396	4762	6474	8051	9659	11175	12454	13552	14208
-15°	1329	1988	2980	4229	5719	7273	8758	10245	11508	12535	13353
-17.5°	1199	1722	2497	3590	4899	6373	7822	9188	10327	11293	12151
-20°	1035	1423	2037	2956	4109	5397	6785	8001	9019	9924	10743

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REPORT NUMBER: P626916 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-735-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°	904	1219	1662	2289	3324	4461	5596	6716	7672	8478	9178
-25°	786	1006	1353	1863	2536	3518	4474	5420	6303	7052	7682
-27.5°	693	868	1099	1462	1973	2546	3384	4174	4934	5619	6213
-30°	608	740	920	1147	1495	1920	2424	3015	3621	4162	4701
-32.5°	547	641	765	934	1128	1433	1738	2135	2518	2913	3300
-35°	493	568	653	765	899	1077	1277	1520	1725	1983	2221
-37.5°	455	508	573	644	740	839	975	1122	1249	1393	1514
-40°	424	466	510	558	623	690	778	861	941	1029	1095
-42.5°	398	432	463	500	539	593	652	703	752	804	847
-45°	378	403	428	457	486	525	567	606	638	666	690
-47.5°	356	378	401	423	448	476	504	528	555	577	593
-50°	334	356	377	396	418	440	462	481	500	517	527
-52.5°	313	336	356	374	392	410	428	446	462	477	484
-55°	297	318	338	354	370	385	401	418	433	448	452
-57.5°	279	301	320	335	349	363	378	393	408	422	426
-60°	259	282	299	313	327	342	356	370	384	395	400
-62.5°	235	255	271	285	298	310	325	340	354	366	373
-65°	207	224	239	253	266	278	292	305	318	329	336
-67.5°	181	195	208	220	232	245	258	270	283	292	298
-70°	157	169	181	192	203	214	225	236	246	254	260
-72.5°	132	143	153	164	174	183	192	202	210	217	223
-75°	109	119	127	136	144	152	159	166	173	179	184
-77.5°	86	94	101	109	116	122	127	133	138	143	148
-80°	66	71	77	82	88	93	97	101	105	109	112
-82.5°	47	51	55	58	62	65	68	71	74	77	79
-85°	30	32	34	36	38	40	42	44	46	47	49
-87.5°	14	15	16	17	18	19	20	21	22	22	23
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626916 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-735-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	2	2	2	2
60°	8	7	7	8	7	7	8	8	8	9	10
57.5°	38	35	33	30	33	35	38	38	37	36	34
55°	81	86	88	87	88	86	81	77	73	71	69
52.5°	116	118	117	115	117	118	116	112	107	101	94
50°	158	158	157	155	157	158	158	155	149	139	127
47.5°	222	225	227	227	227	225	222	216	205	190	176
45°	285	288	289	289	289	288	285	279	264	243	222
42.5°	358	364	366	364	366	364	358	349	332	305	274
40°	508	514	511	503	511	514	508	488	455	410	371
37.5°	769	794	804	805	804	794	769	735	686	597	535
35°	1326	1415	1456	1405	1456	1415	1326	1215	1091	962	808
32.5°	2215	2373	2461	2461	2461	2373	2215	2002	1741	1474	1208
30°	3299	3496	3606	3630	3606	3496	3299	3024	2661	2260	1802
27.5°	4422	4626	4732	4716	4732	4626	4422	4130	3756	3236	2652
25°	5549	5703	5792	5795	5792	5703	5549	5264	4834	4324	3639
22.5°	7214	7539	7672	7708	7672	7539	7214	6737	6313	5670	4901
20°	9030	9344	9547	9559	9547	9344	9030	8592	7945	7221	6274
17.5°	10759	10915	10944	10957	10944	10915	10759	10291	9631	8891	7689
15°	12389	12444	12588	12606	12588	12444	12389	11960	11222	10409	9248
12.5°	13164	13214	13189	13122	13189	13214	13164	12840	12324	11487	10350
10°	13585	13515	13410	13284	13410	13515	13585	13352	12973	12326	11225
7.5°	13681	13603	13418	13234	13418	13603	13681	13702	13443	12902	11848
5°	13726	13496	13263	13040	13263	13496	13726	13803	13658	13211	12323
2.5°	13700	13426	13105	12865	13105	13426	13700	13814	13766	13443	12686
0°	13787	13510	13174	13084	13174	13510	13787	13919	13894	13635	12915
-2.5°	14030	13806	13631	13583	13631	13806	14030	14105	14048	13700	12930
-5°	14468	14419	14120	14191	14120	14419	14468	14405	14172	13646	12701
-7.5°	14891	14821	14695	14858	14695	14821	14891	14706	14250	13510	12422
-10°	15004	14981	15040	15185	15040	14981	15004	14669	14034	13144	11972
-12.5°	14659	14840	15042	15195	15042	14840	14659	14208	13552	12454	11175
-15°	13890	14260	14562	14706	14562	14260	13890	13353	12535	11508	10245
-17.5°	12758	13211	13570	13672	13570	13211	12758	12151	11293	10327	9188
-20°	11364	11825	12152	12282	12152	11825	11364	10743	9924	9019	8001



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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°	9796	10246	10542	10698	10542	10246	9796	9178	8478	7672	6716
-25°	8204	8600	8862	8931	8862	8600	8204	7682	7052	6303	5420
-27.5°	6682	7000	7193	7215	7193	7000	6682	6213	5619	4934	4174
-30°	5151	5446	5614	5703	5614	5446	5151	4701	4162	3621	3015
-32.5°	3617	3852	3994	4031	3994	3852	3617	3300	2913	2518	2135
-35°	2412	2558	2648	2666	2648	2558	2412	2221	1983	1725	1520
-37.5°	1613	1684	1727	1749	1727	1684	1613	1514	1393	1249	1122
-40°	1142	1176	1194	1198	1194	1176	1142	1095	1029	941	861
-42.5°	874	891	900	902	900	891	874	847	804	752	703
-45°	706	718	725	728	725	718	706	690	666	638	606
-47.5°	604	612	616	618	616	612	604	593	577	555	528
-50°	533	537	539	538	539	537	533	527	517	500	481
-52.5°	488	491	492	491	492	491	488	484	477	462	446
-55°	455	457	457	456	457	457	455	452	448	433	418
-57.5°	429	432	431	429	431	432	429	426	422	408	393
-60°	404	407	407	406	407	407	404	400	395	384	370
-62.5°	379	384	385	384	385	384	379	373	366	354	340
-65°	343	349	349	346	349	349	343	336	329	318	305
-67.5°	303	307	307	306	307	307	303	298	292	283	270
-70°	265	270	270	269	270	270	265	260	254	246	236
-72.5°	228	233	234	234	234	233	228	223	217	210	202
-75°	189	193	193	192	193	193	189	184	179	173	166
-77.5°	152	156	156	155	156	156	152	148	143	138	133
-80°	116	119	118	117	118	119	116	112	109	105	101
-82.5°	82	84	83	82	83	84	82	79	77	74	71
-85°	51	52	52	52	52	52	51	49	47	46	44
-87.5°	24	25	24	22	24	25	24	23	22	22	21
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626916 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-735-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	1
62.5°	1	1	1	1	1	1	1	1	1	0	1
60°	9	6	8	8	6	5	7	6	2	2	2
57.5°	32	30	28	25	22	19	17	16	15	9	4
55°	69	62	54	48	45	38	32	28	26	21	14
52.5°	89	85	79	68	62	59	51	44	37	32	25
50°	117	114	108	98	88	81	74	64	55	47	38
47.5°	163	153	145	137	120	106	98	89	75	64	54
45°	205	191	179	167	152	135	119	107	95	82	72
42.5°	255	230	209	196	179	161	144	129	113	99	87
40°	332	290	263	236	215	190	173	155	135	115	103
37.5°	458	382	342	303	269	234	208	185	162	139	121
35°	659	550	453	391	340	290	249	219	191	165	140
32.5°	934	769	614	510	418	349	297	258	220	191	164
30°	1379	1068	823	651	526	420	344	293	248	213	187
27.5°	2065	1491	1132	840	651	514	407	330	276	236	206
25°	2919	2150	1555	1132	821	626	483	381	309	258	227
22.5°	3995	3075	2247	1481	1084	808	593	434	345	294	254
20°	5321	4137	3102	2200	1481	1019	729	525	408	337	283
17.5°	6626	5407	4026	2949	2036	1384	922	641	469	381	314
15°	7947	6509	5045	3783	2619	1689	1095	753	540	430	348
12.5°	8957	7461	5832	4452	3082	2013	1314	896	629	470	374
10°	9774	8224	6523	4977	3545	2345	1510	1003	692	503	395
7.5°	10409	8771	7059	5427	3920	2622	1668	1087	742	532	413
5°	10914	9243	7491	5796	4213	2826	1791	1151	779	556	426
2.5°	11297	9591	7782	6038	4411	2969	1883	1206	809	580	439
0°	11505	9716	8032	6191	4539	3069	1946	1248	830	598	448
-2.5°	11538	9772	8003	6136	4534	3033	1931	1240	833	604	455
-5°	11231	9547	7776	5979	4383	2948	1892	1214	826	603	458
-7.5°	10897	9180	7407	5679	4126	2800	1816	1173	812	597	456
-10°	10390	8692	7002	5299	3797	2585	1687	1110	785	583	451
-12.5°	9659	8051	6474	4762	3396	2292	1511	1030	745	560	441
-15°	8758	7273	5719	4229	2980	1988	1329	930	692	531	426
-17.5°	7822	6373	4899	3590	2497	1722	1199	859	645	503	410
-20°	6785	5397	4109	2956	2037	1423	1035	773	600	480	397

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CATALOG NUMBER: GFLD-SA2C-735-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°	5596	4461	3324	2289	1662	1219	904	689	549	451	381
-25°	4474	3518	2536	1863	1353	1006	786	628	512	425	364
-27.5°	3384	2546	1973	1462	1099	868	693	563	470	403	350
-30°	2424	1920	1495	1147	920	740	608	514	440	382	335
-32.5°	1738	1433	1128	934	765	641	547	469	411	363	323
-35°	1277	1077	899	765	653	568	493	436	386	343	310
-37.5°	975	839	740	644	573	508	455	408	362	329	298
-40°	778	690	623	558	510	466	424	382	348	314	286
-42.5°	652	593	539	500	463	432	398	365	332	301	273
-45°	567	525	486	457	428	403	378	348	317	288	260
-47.5°	504	476	448	423	401	378	356	330	300	273	249
-50°	462	440	418	396	377	356	334	309	283	260	236
-52.5°	428	410	392	374	356	336	313	291	268	245	221
-55°	401	385	370	354	338	318	297	275	252	229	205
-57.5°	378	363	349	335	320	301	279	257	235	213	189
-60°	356	342	327	313	299	282	259	238	218	197	176
-62.5°	325	310	298	285	271	255	235	216	197	179	159
-65°	292	278	266	253	239	224	207	191	175	159	141
-67.5°	258	245	232	220	208	195	181	167	153	137	120
-70°	225	214	203	192	181	169	157	143	129	115	101
-72.5°	192	183	174	164	153	143	132	120	108	96	84
-75°	159	152	144	136	127	119	109	99	89	79	70
-77.5°	127	122	116	109	101	94	86	78	71	63	55
-80°	97	93	88	82	77	71	66	59	53	47	41
-82.5°	68	65	62	58	55	51	47	43	38	34	29
-85°	42	40	38	36	34	32	30	27	24	21	19
-87.5°	20	19	18	17	16	15	14	13	11	10	9
-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	1	1	1	0	0	0	0	0
65°	1	1	0	1	1	2	1	1	1	1	0
62.5°	1	2	1	1	1	2	2	2	1	1	0
60°	2	2	3	2	2	2	3	2	2	2	1
57.5°	3	3	3	3	2	2	3	3	2	2	2
55°	7	4	4	3	3	2	3	3	3	2	2
52.5°	17	9	6	5	4	3	3	3	3	2	3
50°	29	19	11	7	5	4	3	3	3	3	3
47.5°	43	31	20	11	8	5	4	3	3	3	3
45°	59	45	31	19	11	8	5	4	3	3	3
42.5°	76	60	44	27	18	12	6	5	4	3	3
40°	92	77	58	40	26	17	10	6	5	3	3
37.5°	107	93	74	53	35	24	15	7	6	4	4
35°	123	108	90	67	46	31	21	9	7	5	4
32.5°	139	122	103	81	58	37	27	15	9	6	4
30°	159	134	115	94	69	46	32	20	11	7	4
27.5°	179	147	126	105	80	56	38	25	13	8	5
25°	198	163	137	115	91	66	44	29	17	10	6
22.5°	217	180	147	124	101	76	52	34	21	12	7
20°	238	196	157	135	111	85	60	39	24	14	7
17.5°	261	214	173	146	120	93	68	45	27	16	8
15°	283	232	189	157	129	100	75	50	30	18	9
12.5°	303	248	203	168	137	107	81	56	32	21	11
10°	320	262	215	178	145	113	87	61	36	22	13
7.5°	335	274	226	188	153	119	92	65	40	24	15
5°	347	285	234	196	160	126	96	68	44	25	17
2.5°	357	293	240	202	165	133	99	70	48	26	18
0°	364	299	244	207	169	139	102	72	52	27	20
-2.5°	367	303	251	211	175	143	106	76	55	31	21
-5°	368	306	257	213	180	145	109	79	57	34	21
-7.5°	368	307	260	216	184	146	111	82	58	37	22
-10°	366	307	260	219	185	148	113	84	60	39	22
-12.5°	362	305	260	220	185	149	115	86	61	41	22
-15°	354	302	259	220	185	150	117	87	62	42	23
-17.5°	343	297	257	218	184	150	117	87	62	42	23
-20°	336	292	254	214	183	150	117	86	62	41	24

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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°	328	287	249	211	182	149	116	84	61	40	25
-25°	317	280	243	209	179	147	114	80	59	40	25
-27.5°	308	273	237	206	176	144	110	79	58	39	25
-30°	299	266	232	202	171	140	104	76	56	38	25
-32.5°	290	258	226	196	166	135	99	73	55	38	24
-35°	280	249	219	188	160	129	95	70	53	37	24
-37.5°	269	240	210	181	154	123	93	68	51	35	23
-40°	258	230	201	175	148	117	90	67	49	33	22
-42.5°	246	219	193	168	141	112	86	65	46	31	21
-45°	235	209	184	159	134	107	83	62	44	30	20
-47.5°	224	199	174	149	127	101	78	58	40	28	20
-50°	211	186	161	139	118	94	72	54	39	27	19
-52.5°	196	170	150	130	108	86	66	49	37	26	18
-55°	180	158	139	119	98	78	60	46	34	25	17
-57.5°	168	147	128	109	89	70	55	43	32	23	16
-60°	155	136	117	97	79	63	51	39	30	21	15
-62.5°	140	122	103	85	70	57	46	36	27	20	14
-65°	123	105	88	74	61	50	42	33	25	18	13
-67.5°	104	90	75	63	53	44	37	29	22	16	12
-70°	88	75	63	54	46	38	32	25	19	14	10
-72.5°	74	63	54	45	39	32	26	21	16	12	9
-75°	61	52	44	38	32	26	21	17	13	10	8
-77.5°	48	41	35	30	25	21	17	13	11	9	7
-80°	36	32	27	23	19	16	13	11	9	8	6
-82.5°	26	23	20	17	15	12	10	9	7	6	5
-85°	17	15	13	11	10	9	7	6	5	4	3
-87.5°	8	7	6	6	5	4	4	3	3	2	2
-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: P626916 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-735-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	1	1	0	0	0	0
67.5°	0	1	1	0	0	0	0
65°	0	1	1	1	0	0	0
62.5°	0	1	1	1	0	0	0
60°	0	1	2	1	0	0	0
57.5°	1	1	2	1	0	0	0
55°	1	1	2	2	0	0	0
52.5°	2	1	2	2	1	0	0
50°	2	2	2	2	1	0	0
47.5°	3	2	2	2	1	0	0
45°	3	2	2	2	1	0	0
42.5°	3	2	2	2	1	0	0
40°	3	2	2	3	1	0	0
37.5°	4	2	2	3	1	0	0
35°	4	3	2	3	2	0	0
32.5°	4	3	2	3	2	0	0
30°	4	3	2	3	2	0	0
27.5°	4	3	3	3	2	0	0
25°	5	4	3	3	2	0	0
22.5°	5	4	3	3	2	0	0
20°	5	4	3	3	2	0	0
17.5°	5	4	3	3	2	0	0
15°	5	5	3	3	2	0	0
12.5°	6	5	3	3	2	0	0
10°	6	5	3	3	2	0	0
7.5°	6	5	3	3	2	0	0
5°	7	5	3	3	2	0	0
2.5°	7	5	3	3	2	0	0
0°	7	5	3	3	3	0	0
-2.5°	9	5	3	3	2	0	0
-5°	10	6	3	3	2	0	0
-7.5°	11	6	3	3	2	0	0
-10°	12	6	3	3	2	0	0
-12.5°	13	6	3	3	2	0	0
-15°	14	6	4	3	2	0	0
-17.5°	14	6	4	3	2	0	0
-20°	14	6	4	3	2	0	0

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REPORT NUMBER: P626916 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-735-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)