

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: P627634 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-735-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627634 (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: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA5C-735-U-MR-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (80) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 28691.5 lumens
Efficiency: N/A
Efficacy: 139.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 4H x 4V
Max Intensity: 101160.9 candela
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V
Beam Lumens: 14346 lumens
Beam Efficiency: 50.0%

Field Angle (10%): 50.2°H x 50.4°V
Field Lumens: 24651.3 lumens
Field Efficiency: 85.9%

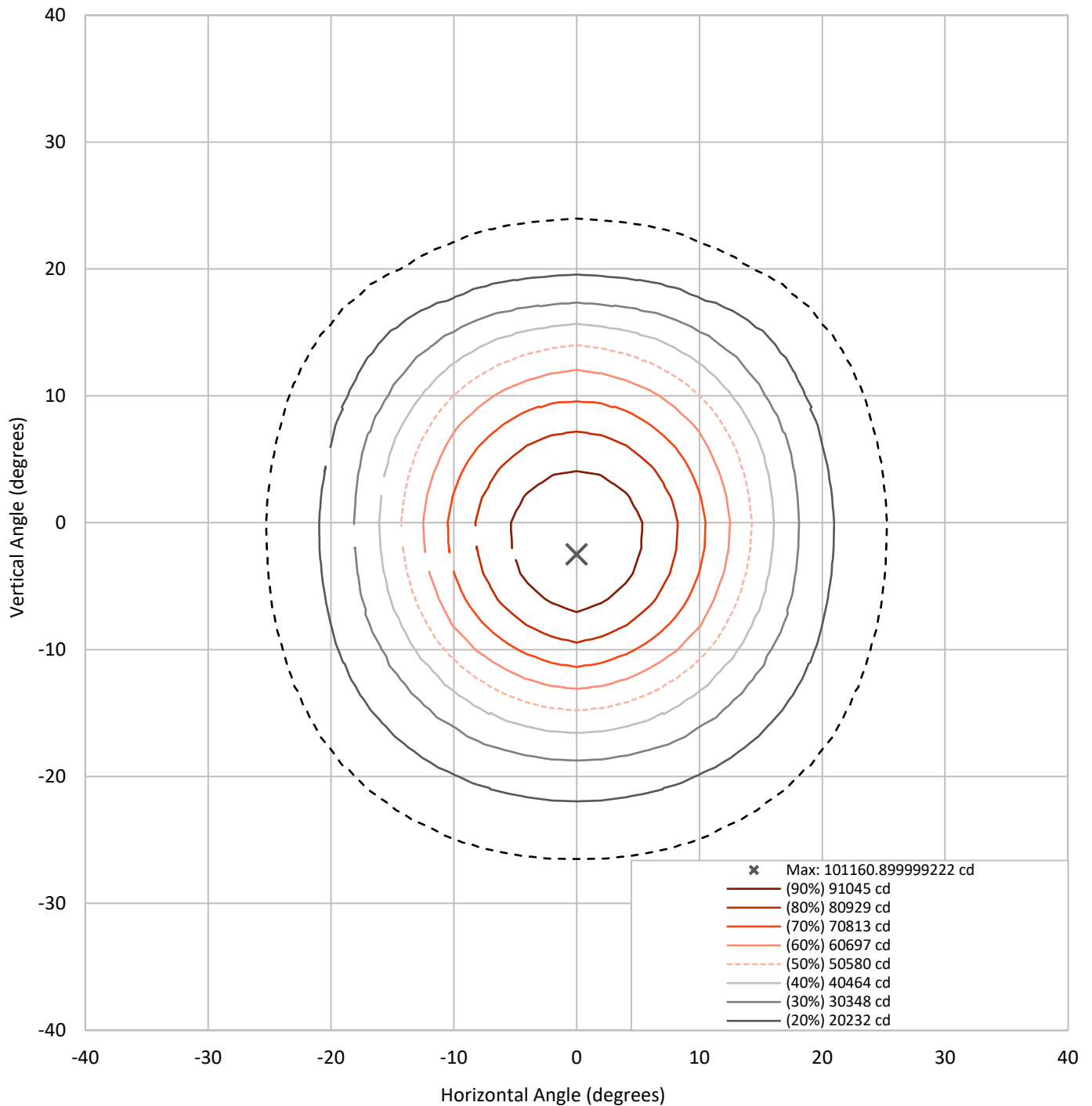
Input Watts (W): 206.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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CATALOG NUMBER: GFLD-SA5C-735-U-MR-VSR-XX

Iso-Candela Plot





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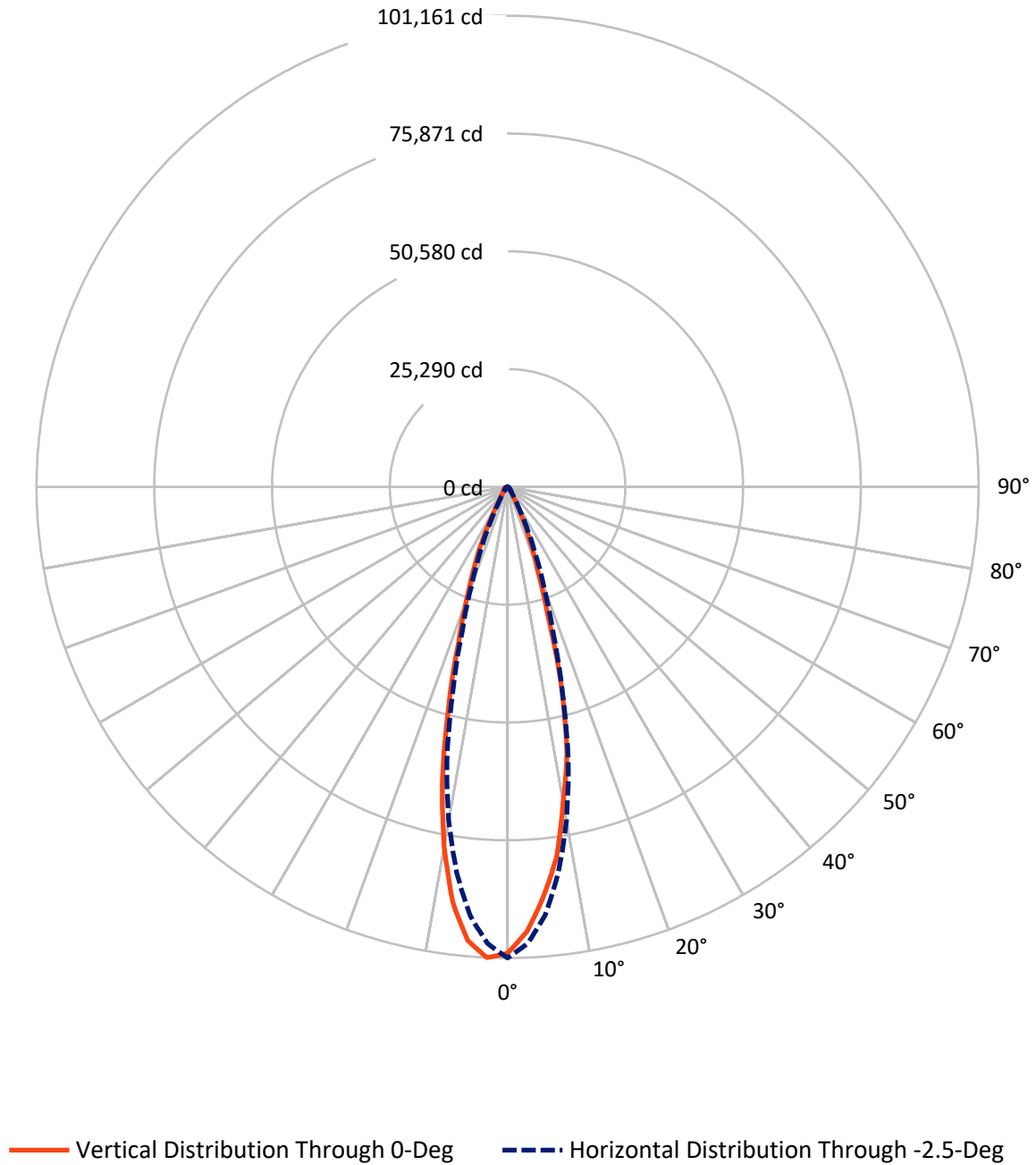
CATALOG NUMBER: GFLD-SA5C-735-U-MR-VSR-XX

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	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0			
50		0.0	0.2	0.8	2.0	3.3	4.5	5.4	5.4	4.5	3.3	2.0	0.8	0.2	0.0				
40	0.1	0.1	1.0	3.1	6.0	9.3	13.0	15.3	15.3	13.0	9.3	6.0	3.1	1.0	0.1	0.1			
30		0.4	2.4	6.1	11.3	18.5	31.0	41.3	41.3	31.0	18.5	11.3	6.1	2.4	0.4				
20	0.2	0.9	3.9	9.4	17.8	43.3	136.2	249.7	249.7	136.2	43.3	17.8	9.4	3.9	0.9	0.2			
10		1.4	5.3	12.7	30.5	149.4	607.6	1189.7	1189.7	607.6	149.4	30.5	12.7	5.3	1.4				
0	0.4	1.8	6.5	15.2	43.8	284.8	1226.9	2404.7	2404.7	1226.9	284.8	43.8	15.2	6.5	1.8	0.4			
-10		2.1	7.0	16.0	46.8	298.4	1258.9	2549.9	2549.9	1258.9	298.4	46.8	16.0	7.0	2.1				
-20	0.5	2.2	7.2	15.6	38.5	183.2	696.2	1349.4	1349.4	696.2	183.2	38.5	15.6	7.2	2.2	0.5			
-30		2.1	6.8	14.3	28.2	71.2	215.6	384.6	384.6	215.6	71.2	28.2	14.3	6.8	2.1				
-40	0.5	1.9	6.1	12.4	21.4	35.1	57.3	76.7	76.7	57.3	35.1	21.4	12.4	6.1	1.9	0.5			
-50		1.6	5.1	10.2	16.9	24.2	31.9	35.7	35.7	31.9	24.2	16.9	10.2	5.1	1.6				
-60	0.3	1.2	3.8	8.0	13.2	18.4	23.0	25.0	25.0	23.0	18.4	13.2	8.0	3.8	1.2	0.3			
-70		0.8	2.4	5.2	8.8	12.5	15.7	17.4	17.4	15.7	12.5	8.8	5.2	2.4	0.8				
-80	0.1	1.9		8.5		18.3		23.1		18.3		8.5		1.9		0.1			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

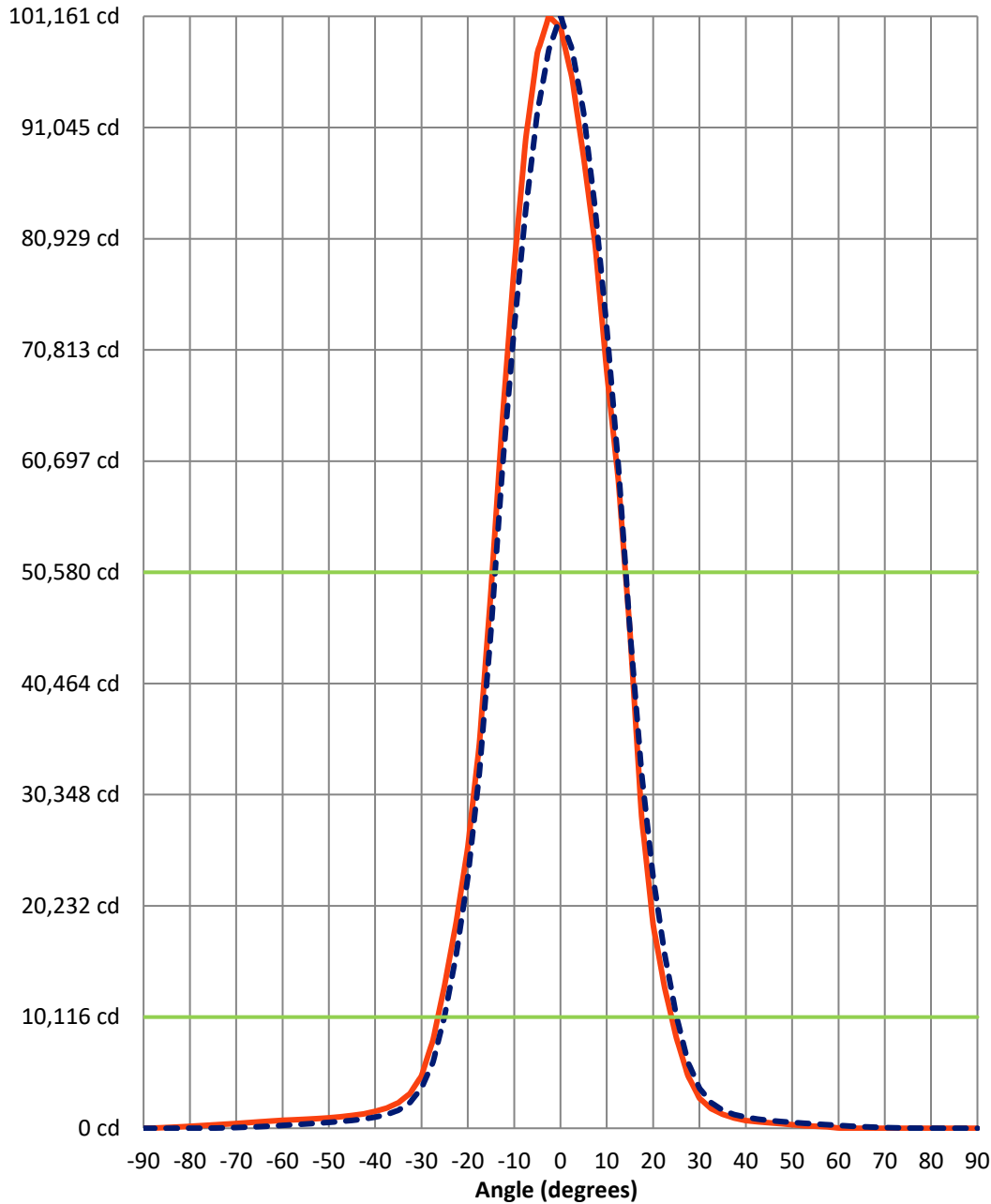
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 14346
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 24651.3
 Efficiency: 85.9%

Spill:
 Lumens: 4040.2
 Efficiency: 14.1%

- Vertical Distribution through 0-Deg
- - Horizontal Distribution through -2.5-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	1
60°	0	0	0	0	0	0	0	0	0	1	2
57.5°	0	0	0	0	0	0	0	0	1	3	2
55°	0	0	0	0	0	0	1	0	3	4	3
52.5°	0	0	0	0	0	0	1	2	5	4	3
50°	0	0	0	0	0	1	2	3	6	5	4
47.5°	0	0	0	0	0	1	3	5	6	5	5
45°	0	0	0	0	0	2	4	6	6	6	6
42.5°	0	0	0	0	0	3	4	6	6	6	10
40°	0	0	0	0	0	4	5	6	7	7	15
37.5°	0	0	0	0	1	4	6	6	8	9	21
35°	0	0	0	0	2	5	6	6	10	15	27
32.5°	0	0	0	0	2	5	6	6	12	21	35
30°	0	0	0	0	3	6	6	7	14	27	42
27.5°	0	0	0	0	3	6	6	9	18	32	51
25°	0	0	0	0	4	6	6	11	23	39	60
22.5°	0	0	0	0	4	6	6	13	27	46	71
20°	0	0	0	0	5	6	6	16	31	53	82
17.5°	0	0	0	0	5	6	7	19	35	60	92
15°	0	0	0	0	6	6	7	22	38	67	101
12.5°	0	0	0	0	6	6	8	25	42	74	109
10°	0	0	0	0	6	6	9	28	46	81	116
7.5°	0	0	0	0	6	6	10	31	49	87	123
5°	0	0	0	0	6	6	11	34	52	92	130
2.5°	0	0	0	0	6	6	12	36	55	98	135
0°	0	0	0	0	6	6	13	38	57	102	140
-2.5°	0	0	0	0	6	7	15	39	63	105	144
-5°	0	0	0	1	6	8	18	40	68	108	147
-7.5°	0	0	0	1	6	8	20	40	72	111	150
-10°	0	0	0	2	6	9	22	40	76	113	152
-12.5°	0	0	0	2	6	9	23	41	78	114	155
-15°	0	0	0	2	6	10	24	41	78	116	158
-17.5°	0	0	0	2	6	10	25	42	77	117	159
-20°	0	0	0	3	6	10	26	44	76	116	159

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REPORT NUMBER: P627634 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-735-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	3	6	10	26	46	75	115	157
-25°	0	0	0	3	6	11	26	47	73	113	153
-27.5°	0	0	0	3	6	12	26	48	70	109	150
-30°	0	0	0	3	6	12	26	48	70	105	145
-32.5°	0	0	0	3	7	13	26	47	69	102	139
-35°	0	0	0	3	8	13	26	46	69	98	132
-37.5°	0	0	0	2	8	13	26	45	67	93	128
-40°	0	0	0	2	8	14	26	44	65	90	125
-42.5°	0	0	0	1	8	14	25	42	63	88	121
-45°	0	0	0	1	8	14	24	40	60	84	115
-47.5°	0	0	0	1	8	14	22	38	58	79	109
-50°	0	0	0	1	7	13	22	36	54	75	101
-52.5°	0	0	0	1	6	13	21	33	51	70	93
-55°	0	0	0	1	6	12	20	30	47	65	86
-57.5°	0	0	0	1	5	11	18	28	42	59	78
-60°	0	0	0	1	5	11	16	26	37	53	70
-62.5°	0	0	0	1	5	10	15	23	34	47	63
-65°	0	0	0	1	4	9	14	20	30	42	55
-67.5°	0	0	0	1	4	8	13	19	26	37	48
-70°	0	0	0	1	4	7	12	17	23	31	42
-72.5°	0	0	0	1	3	7	11	14	20	26	35
-75°	0	0	0	1	3	6	9	12	16	21	28
-77.5°	0	0	0	1	3	5	8	10	13	16	21
-80°	0	0	0	1	2	4	6	8	10	12	15
-82.5°	0	0	0	1	2	3	5	6	7	8	10
-85°	0	0	0	0	1	2	3	4	4	5	5
-87.5°	0	0	0	0	1	1	2	2	2	2	3
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627634 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-735-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	1	1	1	2	2
60°	0	0	1	2	1	3	4	5	6	6	13
57.5°	1	1	3	3	5	7	10	12	20	29	35
55°	2	4	5	5	9	15	21	32	43	56	67
52.5°	4	6	6	10	19	28	41	56	72	85	96
50°	6	7	8	20	32	46	66	87	101	114	132
47.5°	8	10	19	33	49	71	97	114	128	152	178
45°	12	18	31	48	70	100	123	139	164	191	219
42.5°	17	29	45	64	98	127	148	173	199	229	259
40°	25	38	61	90	124	152	180	207	234	270	301
37.5°	33	53	78	114	149	180	211	242	276	313	350
35°	40	67	99	136	173	210	244	280	322	363	404
32.5°	51	83	118	157	197	238	276	322	366	410	461
30°	65	99	136	178	219	263	312	363	407	457	511
27.5°	80	113	154	198	241	288	347	398	446	500	559
25°	93	129	171	216	263	317	380	432	482	542	613
22.5°	106	144	191	232	284	347	411	469	527	586	668
20°	118	160	209	254	305	375	442	508	574	649	740
17.5°	130	176	226	277	333	402	474	546	620	712	826
15°	142	190	244	298	359	430	505	585	671	777	908
12.5°	152	203	261	318	382	455	532	615	715	843	1005
10°	162	215	277	337	402	477	556	643	750	888	1078
7.5°	171	226	292	353	419	497	577	666	779	925	1136
5°	179	237	303	365	433	512	593	686	802	955	1183
2.5°	186	247	312	375	444	522	604	699	818	983	1219
0°	191	255	318	382	452	529	611	707	828	1006	1242
-2.5°	197	263	326	390	461	535	619	714	839	1013	1248
-5°	202	270	331	396	467	539	622	718	844	1014	1251
-7.5°	205	274	336	400	472	544	625	721	847	1012	1249
-10°	207	277	339	404	476	547	626	720	843	1002	1229
-12.5°	211	278	341	406	477	548	623	714	831	982	1190
-15°	214	278	341	405	476	547	618	703	812	957	1138
-17.5°	215	277	339	402	472	544	611	692	795	930	1102
-20°	215	276	336	396	466	538	605	683	779	899	1053

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CATALOG NUMBER: GFLD-SA5C-735-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°	213	274	331	390	458	528	596	669	758	859	998
-25°	210	270	327	385	448	515	584	652	736	832	950
-27.5°	205	266	321	378	438	501	568	635	711	800	902
-30°	197	258	313	369	428	488	549	616	685	767	860
-32.5°	187	249	303	358	416	474	529	594	661	732	815
-35°	180	237	292	345	403	458	511	568	633	700	770
-37.5°	174	226	280	330	386	441	491	543	602	667	731
-40°	167	213	267	316	366	421	471	518	571	634	695
-42.5°	159	205	253	302	349	398	450	495	545	602	660
-45°	153	195	240	287	333	378	425	473	522	572	627
-47.5°	144	185	228	269	315	360	402	448	498	545	594
-50°	135	173	213	252	295	340	383	423	467	515	563
-52.5°	124	161	197	233	273	316	359	401	439	480	526
-55°	112	146	180	214	250	289	331	372	413	450	489
-57.5°	101	130	162	196	228	261	301	341	380	418	457
-60°	91	115	143	175	207	238	272	308	346	381	417
-62.5°	80	101	125	152	183	214	245	277	310	341	372
-65°	71	88	108	132	157	184	213	244	274	299	324
-67.5°	60	75	92	111	133	156	179	206	234	257	279
-70°	52	63	76	92	110	129	150	171	192	212	234
-72.5°	44	53	63	73	89	106	122	139	156	175	193
-75°	36	43	51	60	71	84	98	113	128	142	156
-77.5°	27	34	41	47	55	65	76	88	100	112	124
-80°	20	25	31	37	42	49	56	64	72	81	91
-82.5°	13	17	22	26	30	33	37	42	48	55	61
-85°	7	9	12	15	17	19	21	23	27	31	35
-87.5°	4	5	6	7	8	8	9	9	11	12	14
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627634 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-735-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	1	2	1	1	0	0
62.5°	2	3	5	7	7	8	8	9	9	9	8
60°	16	16	24	29	28	22	31	36	34	30	29
57.5°	45	56	64	67	75	89	93	91	92	97	108
55°	78	87	93	106	119	131	141	147	155	163	173
52.5°	107	121	131	145	162	172	177	195	210	222	230
50°	151	167	184	201	218	233	246	264	284	306	320
47.5°	199	218	240	266	284	299	315	340	368	394	410
45°	243	266	293	317	338	359	384	413	443	469	489
42.5°	283	308	337	365	384	416	450	481	517	550	575
40°	328	353	395	424	449	483	534	578	621	662	687
37.5°	384	426	470	506	540	582	652	720	775	829	868
35°	449	499	555	594	645	723	810	905	1000	1076	1144
32.5°	511	567	624	686	763	874	984	1135	1276	1420	1555
30°	567	630	699	779	904	1059	1236	1468	1720	1972	2258
27.5°	626	695	778	905	1094	1305	1633	1999	2520	2940	3616
25°	690	768	880	1084	1345	1715	2289	2941	4020	4941	5980
22.5°	768	888	1047	1301	1738	2404	3296	4717	6374	7912	9379
20°	864	1027	1298	1703	2330	3354	5045	7201	9504	11755	13932
17.5°	991	1249	1637	2214	3102	5254	7771	10852	14795	17758	20567
15°	1106	1433	2019	2953	4625	7395	10912	15630	20939	25404	30454
12.5°	1243	1638	2344	3555	5945	9607	14090	19716	26000	32777	40687
10°	1362	1848	2756	4423	7322	11584	16608	23212	31284	40872	50870
7.5°	1454	2023	3100	5074	8482	13206	19199	27231	37453	48660	60062
5°	1525	2158	3371	5585	9469	14522	21090	30411	42063	54926	66263
2.5°	1581	2254	3550	5898	10136	15422	22383	32101	44883	59016	70920
0°	1624	2312	3650	6121	10446	15847	22981	32784	46205	61020	73262
-2.5°	1639	2343	3654	6044	10257	15822	22841	32365	45293	60224	72765
-5°	1645	2327	3562	5883	9923	15254	21927	30775	42508	56514	69223
-7.5°	1633	2265	3375	5489	9173	14252	20650	28417	38034	50382	63518
-10°	1589	2156	3122	4954	8140	12689	18661	25223	32906	42987	53632
-12.5°	1509	1994	2773	4153	6924	10919	16208	22010	27997	34622	43377
-15°	1414	1827	2488	3668	5797	9060	13344	18243	23212	28286	33627
-17.5°	1342	1683	2196	3019	4451	7090	10515	14452	18484	22512	26109
-20°	1250	1510	1911	2551	3591	5153	7728	10792	13804	17090	19847

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REPORT NUMBER: P627634 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-735-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°	1168	1389	1689	2093	2792	3891	5360	7516	9805	12191	14455
-25°	1091	1258	1496	1820	2238	2891	3861	4989	6595	8063	9744
-27.5°	1025	1166	1327	1567	1883	2242	2837	3495	4337	5037	6159
-30°	963	1075	1208	1362	1594	1867	2186	2585	2997	3411	3948
-32.5°	904	998	1102	1227	1370	1575	1773	2029	2255	2503	2759
-35°	846	929	1016	1114	1225	1359	1508	1678	1828	1977	2112
-37.5°	797	866	942	1019	1108	1202	1319	1438	1539	1637	1720
-40°	755	813	875	940	1011	1086	1178	1266	1334	1397	1450
-42.5°	716	768	816	872	931	1000	1071	1138	1185	1228	1263
-45°	680	724	769	814	863	923	984	1036	1073	1106	1132
-47.5°	641	681	722	763	810	858	907	946	978	1006	1025
-50°	603	643	679	714	755	798	840	873	902	927	940
-52.5°	566	604	641	676	710	743	776	808	837	863	872
-55°	530	567	600	633	666	698	728	755	781	806	813
-57.5°	494	532	567	594	622	650	679	706	731	753	761
-60°	454	492	523	549	576	603	628	652	677	698	708
-62.5°	406	441	469	494	519	542	565	587	609	627	637
-65°	349	379	407	431	454	475	496	516	534	548	557
-67.5°	300	322	345	368	390	411	430	448	464	476	483
-70°	254	273	294	314	334	352	369	385	399	410	418
-72.5°	210	228	246	264	282	298	312	326	339	348	355
-75°	171	186	201	217	232	245	256	268	278	286	293
-77.5°	136	147	158	170	182	192	201	210	219	225	231
-80°	100	110	119	127	135	143	150	157	164	169	175
-82.5°	68	75	82	89	95	100	103	107	110	114	119
-85°	39	44	48	52	56	59	62	64	67	70	72
-87.5°	16	17	19	21	23	24	24	24	25	26	28
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627634 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-735-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	1	1
62.5°	8	6	6	6	6	6	8	8	9	9	9
60°	28	25	25	26	25	25	28	29	30	34	36
57.5°	119	127	132	134	132	127	119	108	97	92	91
55°	181	187	188	185	188	187	181	173	163	155	147
52.5°	233	234	233	229	233	234	233	230	222	210	195
50°	324	323	323	325	323	323	324	320	306	284	264
47.5°	417	421	423	420	423	421	417	410	394	368	340
45°	498	504	506	503	506	504	498	489	469	443	413
42.5°	585	589	590	592	590	589	585	575	550	517	481
40°	699	704	703	701	703	704	699	687	662	621	578
37.5°	894	907	913	930	913	907	894	868	829	775	720
35°	1196	1229	1247	1274	1247	1229	1196	1144	1076	1000	905
32.5°	1653	1719	1754	1790	1754	1719	1653	1555	1420	1276	1135
30°	2457	2588	2641	2739	2641	2588	2457	2258	1972	1720	1468
27.5°	4112	4424	4546	4803	4546	4424	4112	3616	2940	2520	1999
25°	6927	7598	7968	8261	7968	7598	6927	5980	4941	4020	2941
22.5°	10860	11844	12370	12758	12370	11844	10860	9379	7912	6374	4717
20°	15905	17204	17979	18542	17979	17204	15905	13932	11755	9504	7201
17.5°	24173	26214	27408	28434	27408	26214	24173	20567	17758	14795	10852
15°	36088	40190	43378	45154	43378	40190	36088	30454	25404	20939	15630
12.5°	47679	53687	57257	58899	57257	53687	47679	40687	32777	26000	19716
10°	59142	64808	68204	68804	68204	64808	59142	50870	40872	31284	23212
7.5°	67918	74148	78661	80301	78661	74148	67918	60062	48660	37453	27231
5°	75669	82964	87740	88345	87740	82964	75669	66263	54926	42063	30411
2.5°	81370	89301	93932	95524	93932	89301	81370	70920	59016	44883	32101
0°	84129	92670	97823	100142	97823	92670	84129	73262	61020	46205	32784
-2.5°	83548	92383	98135	101161	98135	92383	83548	72765	60224	45293	32365
-5°	80372	89232	94595	97810	94595	89232	80372	69223	56514	42508	30775
-7.5°	73046	81332	87041	90008	87041	81332	73046	63518	50382	38034	28417
-10°	63607	70619	75823	78352	75823	70619	63607	53632	42987	32906	25223
-12.5°	51340	58142	62837	64625	62837	58142	51340	43377	34622	27997	22010
-15°	39336	44527	47862	48918	47862	44527	39336	33627	28286	23212	18243
-17.5°	29831	32625	34501	35007	34501	32625	29831	26109	22512	18484	14452
-20°	22349	24081	25298	25586	25298	24081	22349	19847	17090	13804	10792

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REPORT NUMBER: P627634 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-735-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	16284	17586	18569	18765	18569	17586	16284	14455	12191	9805	7516
-25°	11232	12321	12988	13038	12988	12321	11232	9744	8063	6595	4989
-27.5°	7042	7640	7949	8058	7949	7640	7042	6159	5037	4337	3495
-30°	4352	4627	4772	4777	4772	4627	4352	3948	3411	2997	2585
-32.5°	2954	3087	3160	3159	3160	3087	2954	2759	2503	2255	2029
-35°	2213	2282	2321	2325	2321	2282	2213	2112	1977	1828	1678
-37.5°	1779	1817	1837	1841	1837	1817	1779	1720	1637	1539	1438
-40°	1488	1514	1531	1541	1531	1514	1488	1450	1397	1334	1266
-42.5°	1287	1304	1312	1306	1312	1304	1287	1263	1228	1185	1138
-45°	1146	1156	1163	1166	1163	1156	1146	1132	1106	1073	1036
-47.5°	1035	1040	1043	1045	1043	1040	1035	1025	1006	978	946
-50°	946	951	952	949	952	951	946	940	927	902	873
-52.5°	876	877	878	879	878	877	876	872	863	837	808
-55°	817	820	821	822	821	820	817	813	806	781	755
-57.5°	768	774	774	771	774	774	768	761	753	731	706
-60°	716	722	725	726	725	722	716	708	698	677	652
-62.5°	645	652	655	656	655	652	645	637	627	609	587
-65°	564	570	578	586	578	570	564	557	548	534	516
-67.5°	490	494	502	510	502	494	490	483	476	464	448
-70°	425	431	433	433	433	431	425	418	410	399	385
-72.5°	362	367	369	369	369	367	362	355	348	339	326
-75°	299	304	305	306	305	304	299	293	286	278	268
-77.5°	236	241	242	242	242	241	236	231	225	219	210
-80°	179	184	181	178	181	184	179	175	169	164	157
-82.5°	123	127	124	121	124	127	123	119	114	110	107
-85°	74	76	73	70	73	76	74	72	70	67	64
-87.5°	30	32	29	26	29	32	30	28	26	25	24
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627634 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-735-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°	2	1	0	0	0	0	0	0	0	0	0
62.5°	8	8	7	7	5	3	2	2	2	1	1
60°	31	22	28	29	24	16	16	13	6	6	5
57.5°	93	89	75	67	64	56	45	35	29	20	12
55°	141	131	119	106	93	87	78	67	56	43	32
52.5°	177	172	162	145	131	121	107	96	85	72	56
50°	246	233	218	201	184	167	151	132	114	101	87
47.5°	315	299	284	266	240	218	199	178	152	128	114
45°	384	359	338	317	293	266	243	219	191	164	139
42.5°	450	416	384	365	337	308	283	259	229	199	173
40°	534	483	449	424	395	353	328	301	270	234	207
37.5°	652	582	540	506	470	426	384	350	313	276	242
35°	810	723	645	594	555	499	449	404	363	322	280
32.5°	984	874	763	686	624	567	511	461	410	366	322
30°	1236	1059	904	779	699	630	567	511	457	407	363
27.5°	1633	1305	1094	905	778	695	626	559	500	446	398
25°	2289	1715	1345	1084	880	768	690	613	542	482	432
22.5°	3296	2404	1738	1301	1047	888	768	668	586	527	469
20°	5045	3354	2330	1703	1298	1027	864	740	649	574	508
17.5°	7771	5254	3102	2214	1637	1249	991	826	712	620	546
15°	10912	7395	4625	2953	2019	1433	1106	908	777	671	585
12.5°	14090	9607	5945	3555	2344	1638	1243	1005	843	715	615
10°	16608	11584	7322	4423	2756	1848	1362	1078	888	750	643
7.5°	19199	13206	8482	5074	3100	2023	1454	1136	925	779	666
5°	21090	14522	9469	5585	3371	2158	1525	1183	955	802	686
2.5°	22383	15422	10136	5898	3550	2254	1581	1219	983	818	699
0°	22981	15847	10446	6121	3650	2312	1624	1242	1006	828	707
-2.5°	22841	15822	10257	6044	3654	2343	1639	1248	1013	839	714
-5°	21927	15254	9923	5883	3562	2327	1645	1251	1014	844	718
-7.5°	20650	14252	9173	5489	3375	2265	1633	1249	1012	847	721
-10°	18661	12689	8140	4954	3122	2156	1589	1229	1002	843	720
-12.5°	16208	10919	6924	4153	2773	1994	1509	1190	982	831	714
-15°	13344	9060	5797	3668	2488	1827	1414	1138	957	812	703
-17.5°	10515	7090	4451	3019	2196	1683	1342	1102	930	795	692
-20°	7728	5153	3591	2551	1911	1510	1250	1053	899	779	683

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REPORT NUMBER: P627634 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-735-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5360	3891	2792	2093	1689	1389	1168	998	859	758	669
-25°	3861	2891	2238	1820	1496	1258	1091	950	832	736	652
-27.5°	2837	2242	1883	1567	1327	1166	1025	902	800	711	635
-30°	2186	1867	1594	1362	1208	1075	963	860	767	685	616
-32.5°	1773	1575	1370	1227	1102	998	904	815	732	661	594
-35°	1508	1359	1225	1114	1016	929	846	770	700	633	568
-37.5°	1319	1202	1108	1019	942	866	797	731	667	602	543
-40°	1178	1086	1011	940	875	813	755	695	634	571	518
-42.5°	1071	1000	931	872	816	768	716	660	602	545	495
-45°	984	923	863	814	769	724	680	627	572	522	473
-47.5°	907	858	810	763	722	681	641	594	545	498	448
-50°	840	798	755	714	679	643	603	563	515	467	423
-52.5°	776	743	710	676	641	604	566	526	480	439	401
-55°	728	698	666	633	600	567	530	489	450	413	372
-57.5°	679	650	622	594	567	532	494	457	418	380	341
-60°	628	603	576	549	523	492	454	417	381	346	308
-62.5°	565	542	519	494	469	441	406	372	341	310	277
-65°	496	475	454	431	407	379	349	324	299	274	244
-67.5°	430	411	390	368	345	322	300	279	257	234	206
-70°	369	352	334	314	294	273	254	234	212	192	171
-72.5°	312	298	282	264	246	228	210	193	175	156	139
-75°	256	245	232	217	201	186	171	156	142	128	113
-77.5°	201	192	182	170	158	147	136	124	112	100	88
-80°	150	143	135	127	119	110	100	91	81	72	64
-82.5°	103	100	95	89	82	75	68	61	55	48	42
-85°	62	59	56	52	48	44	39	35	31	27	23
-87.5°	24	24	23	21	19	17	16	14	12	11	9
-90°	0	0	0	0	0	0	0	0	0	0	0

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CATALOG NUMBER: GFLD-SA5C-735-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	1	0	0	0	0	0	0	1	0	0	0
60°	4	3	1	2	1	0	0	2	1	0	0
57.5°	10	7	5	3	3	1	1	2	3	1	0
55°	21	15	9	5	5	4	2	3	4	3	0
52.5°	41	28	19	10	6	6	4	3	4	5	2
50°	66	46	32	20	8	7	6	4	5	6	3
47.5°	97	71	49	33	19	10	8	5	5	6	5
45°	123	100	70	48	31	18	12	6	6	6	6
42.5°	148	127	98	64	45	29	17	10	6	6	6
40°	180	152	124	90	61	38	25	15	7	7	6
37.5°	211	180	149	114	78	53	33	21	9	8	6
35°	244	210	173	136	99	67	40	27	15	10	6
32.5°	276	238	197	157	118	83	51	35	21	12	6
30°	312	263	219	178	136	99	65	42	27	14	7
27.5°	347	288	241	198	154	113	80	51	32	18	9
25°	380	317	263	216	171	129	93	60	39	23	11
22.5°	411	347	284	232	191	144	106	71	46	27	13
20°	442	375	305	254	209	160	118	82	53	31	16
17.5°	474	402	333	277	226	176	130	92	60	35	19
15°	505	430	359	298	244	190	142	101	67	38	22
12.5°	532	455	382	318	261	203	152	109	74	42	25
10°	556	477	402	337	277	215	162	116	81	46	28
7.5°	577	497	419	353	292	226	171	123	87	49	31
5°	593	512	433	365	303	237	179	130	92	52	34
2.5°	604	522	444	375	312	247	186	135	98	55	36
0°	611	529	452	382	318	255	191	140	102	57	38
-2.5°	619	535	461	390	326	263	197	144	105	63	39
-5°	622	539	467	396	331	270	202	147	108	68	40
-7.5°	625	544	472	400	336	274	205	150	111	72	40
-10°	626	547	476	404	339	277	207	152	113	76	40
-12.5°	623	548	477	406	341	278	211	155	114	78	41
-15°	618	547	476	405	341	278	214	158	116	78	41
-17.5°	611	544	472	402	339	277	215	159	117	77	42
-20°	605	538	466	396	336	276	215	159	116	76	44

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REPORT NUMBER: P627634 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-735-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	596	528	458	390	331	274	213	157	115	75	46
-25°	584	515	448	385	327	270	210	153	113	73	47
-27.5°	568	501	438	378	321	266	205	150	109	70	48
-30°	549	488	428	369	313	258	197	145	105	70	48
-32.5°	529	474	416	358	303	249	187	139	102	69	47
-35°	511	458	403	345	292	237	180	132	98	69	46
-37.5°	491	441	386	330	280	226	174	128	93	67	45
-40°	471	421	366	316	267	213	167	125	90	65	44
-42.5°	450	398	349	302	253	205	159	121	88	63	42
-45°	425	378	333	287	240	195	153	115	84	60	40
-47.5°	402	360	315	269	228	185	144	109	79	58	38
-50°	383	340	295	252	213	173	135	101	75	54	36
-52.5°	359	316	273	233	197	161	124	93	70	51	33
-55°	331	289	250	214	180	146	112	86	65	47	30
-57.5°	301	261	228	196	162	130	101	78	59	42	28
-60°	272	238	207	175	143	115	91	70	53	37	26
-62.5°	245	214	183	152	125	101	80	63	47	34	23
-65°	213	184	157	132	108	88	71	55	42	30	20
-67.5°	179	156	133	111	92	75	60	48	37	26	19
-70°	150	129	110	92	76	63	52	42	31	23	17
-72.5°	122	106	89	73	63	53	44	35	26	20	14
-75°	98	84	71	60	51	43	36	28	21	16	12
-77.5°	76	65	55	47	41	34	27	21	16	13	10
-80°	56	49	42	37	31	25	20	15	12	10	8
-82.5°	37	33	30	26	22	17	13	10	8	7	6
-85°	21	19	17	15	12	9	7	5	5	4	4
-87.5°	9	8	8	7	6	5	4	3	2	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: P627634 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-735-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°	1	0	0	0	0	0	0
52.5°	1	0	0	0	0	0	0
50°	2	1	0	0	0	0	0
47.5°	3	1	0	0	0	0	0
45°	4	2	0	0	0	0	0
42.5°	4	3	0	0	0	0	0
40°	5	4	0	0	0	0	0
37.5°	6	4	1	0	0	0	0
35°	6	5	2	0	0	0	0
32.5°	6	5	2	0	0	0	0
30°	6	6	3	0	0	0	0
27.5°	6	6	3	0	0	0	0
25°	6	6	4	0	0	0	0
22.5°	6	6	4	0	0	0	0
20°	6	6	5	0	0	0	0
17.5°	7	6	5	0	0	0	0
15°	7	6	6	0	0	0	0
12.5°	8	6	6	0	0	0	0
10°	9	6	6	0	0	0	0
7.5°	10	6	6	0	0	0	0
5°	11	6	6	0	0	0	0
2.5°	12	6	6	0	0	0	0
0°	13	6	6	0	0	0	0
-2.5°	15	7	6	0	0	0	0
-5°	18	8	6	1	0	0	0
-7.5°	20	8	6	1	0	0	0
-10°	22	9	6	2	0	0	0
-12.5°	23	9	6	2	0	0	0
-15°	24	10	6	2	0	0	0
-17.5°	25	10	6	2	0	0	0
-20°	26	10	6	3	0	0	0

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REPORT NUMBER: P627634 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-735-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	26	10	6	3	0	0	0
-25°	26	11	6	3	0	0	0
-27.5°	26	12	6	3	0	0	0
-30°	26	12	6	3	0	0	0
-32.5°	26	13	7	3	0	0	0
-35°	26	13	8	3	0	0	0
-37.5°	26	13	8	2	0	0	0
-40°	26	14	8	2	0	0	0
-42.5°	25	14	8	1	0	0	0
-45°	24	14	8	1	0	0	0
-47.5°	22	14	8	1	0	0	0
-50°	22	13	7	1	0	0	0
-52.5°	21	13	6	1	0	0	0
-55°	20	12	6	1	0	0	0
-57.5°	18	11	5	1	0	0	0
-60°	16	11	5	1	0	0	0
-62.5°	15	10	5	1	0	0	0
-65°	14	9	4	1	0	0	0
-67.5°	13	8	4	1	0	0	0
-70°	12	7	4	1	0	0	0
-72.5°	11	7	3	1	0	0	0
-75°	9	6	3	1	0	0	0
-77.5°	8	5	3	1	0	0	0
-80°	6	4	2	1	0	0	0
-82.5°	5	3	2	1	0	0	0
-85°	3	2	1	0	0	0	0
-87.5°	2	1	1	0	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)