

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: P627314 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA4B-727-U-MR-VSR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627314 (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-SA4B-727-U-MR-VSR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (64) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

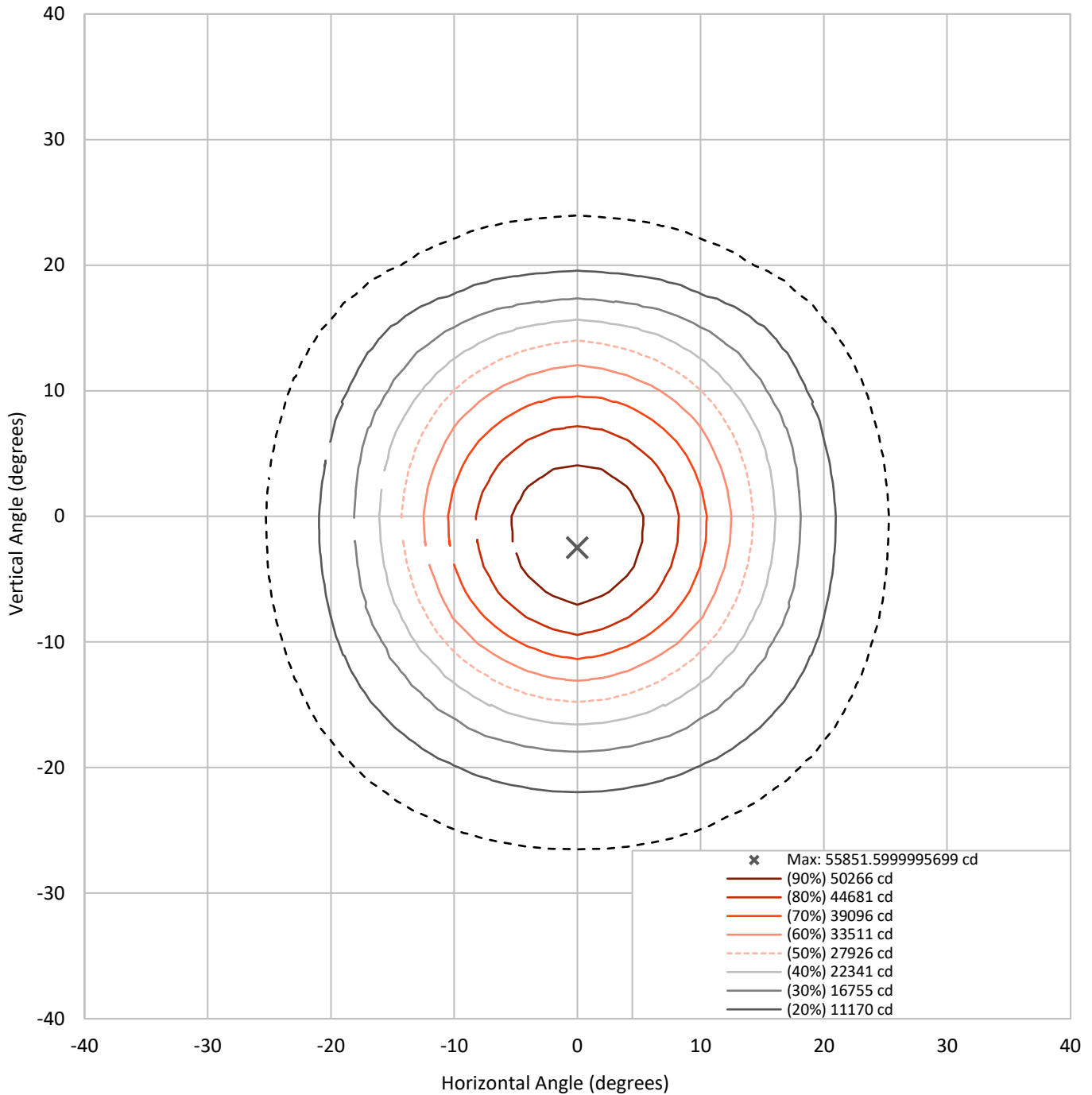
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	15840.7 lumens	Max Intensity:	55851.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -2.5°V
Efficacy:	122.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	28.2°H x 28.7°V	Field Angle (10%):	50.2°H x 50.4°V
Beam Lumens:	7920.5 lumens	Field Lumens:	13610.1 lumens
Beam Efficiency:	50.0%	Field Efficiency:	85.9%
Input Watts (W):	129.5		
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	0.4	1.1	1.8	2.5	3.0	3.0	2.5	1.8	1.1	0.4	0.1	0.0				
40	0.0	0.1	0.5	1.7	3.3	5.1	7.2	8.4	8.4	7.2	5.1	3.3	1.7	0.5	0.1	0.0			
30		0.2	1.3	3.4	6.2	10.2	17.1	22.8	22.8	17.1	10.2	6.2	3.4	1.3	0.2				
20	0.1	0.5	2.1	5.2	9.8	23.9	75.2	137.9	137.9	75.2	23.9	9.8	5.2	2.1	0.5	0.1			
10		0.8	2.9	7.0	16.9	82.5	335.5	656.9	656.9	335.5	82.5	16.9	7.0	2.9	0.8				
0	0.2	1.0	3.6	8.4	24.2	157.2	677.4	1327.7	1327.7	677.4	157.2	24.2	8.4	3.6	1.0	0.2			
-10		1.1	3.9	8.8	25.8	164.7	695.0	1407.8	1407.8	695.0	164.7	25.8	8.8	3.9	1.1				
-20	0.3	1.2	4.0	8.6	21.3	101.2	384.3	745.0	745.0	384.3	101.2	21.3	8.6	4.0	1.2	0.3			
-30		1.2	3.8	7.9	15.6	39.3	119.0	212.4	212.4	119.0	39.3	15.6	7.9	3.8	1.2				
-40	0.3	1.0	3.4	6.8	11.8	19.4	31.6	42.3	42.3	31.6	19.4	11.8	6.8	3.4	1.0	0.3			
-50		0.9	2.8	5.7	9.3	13.4	17.6	19.7	19.7	17.6	13.4	9.3	5.7	2.8	0.9				
-60	0.2	0.7	2.1	4.4	7.3	10.1	12.7	13.8	13.8	12.7	10.1	7.3	4.4	2.1	0.7	0.2			
-70		0.4	1.3	2.9	4.9	6.9	8.7	9.6	9.6	8.7	6.9	4.9	2.9	1.3	0.4				
-80	0.1	1.0	4.7	10.1	12.8	10.1	4.7	1.0	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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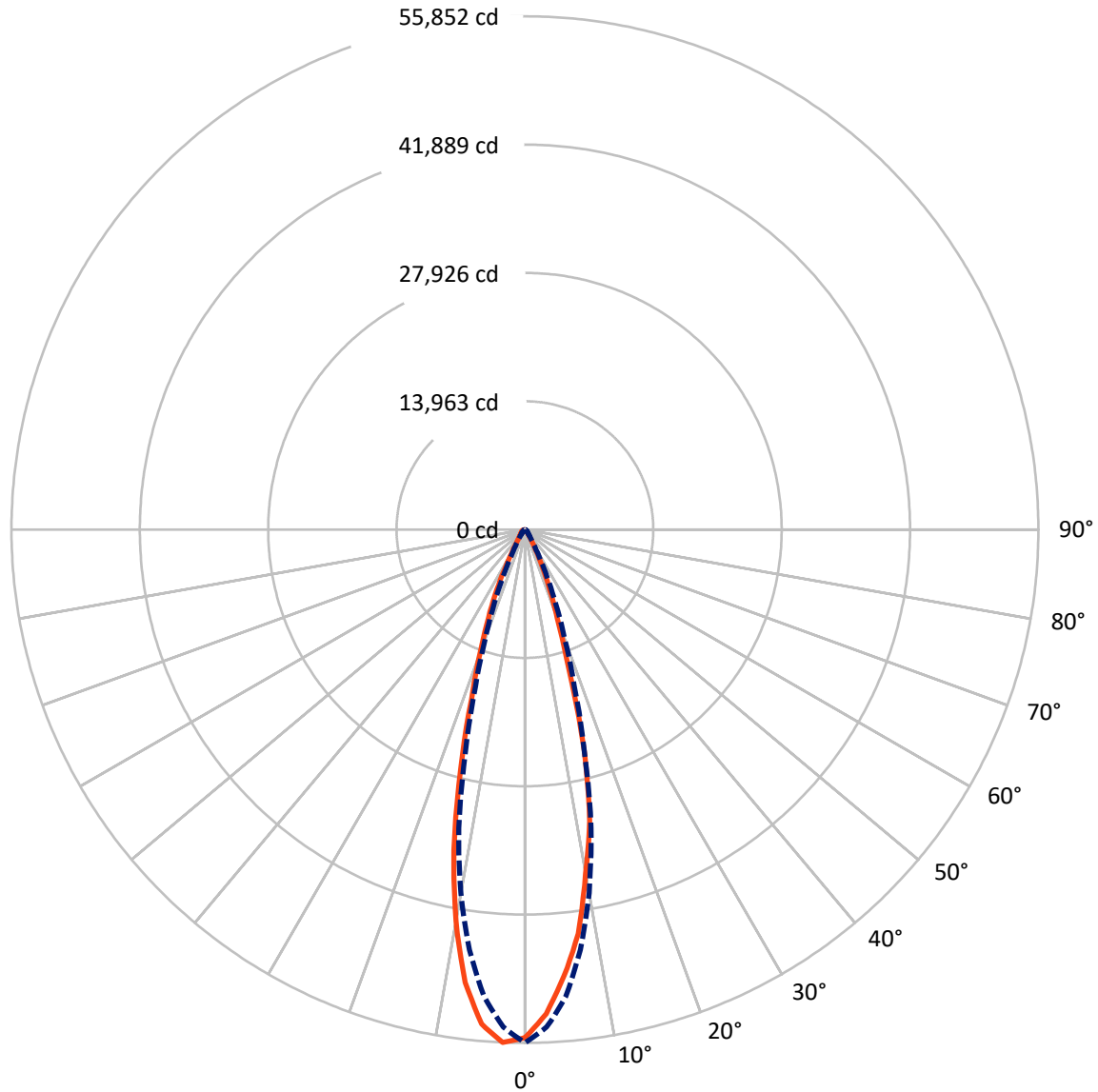
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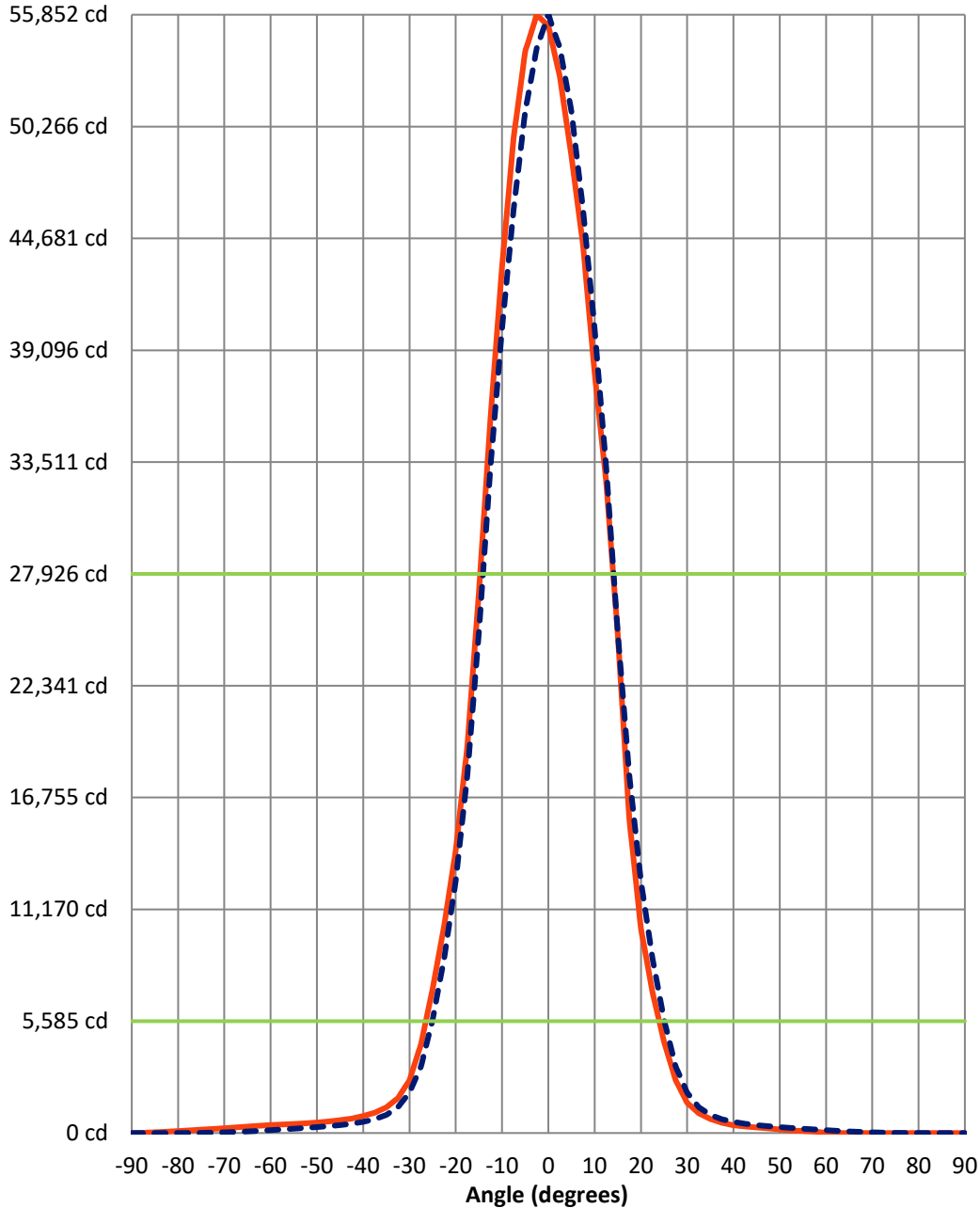
Luminous Intensity Polar Plot



— 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: 7920.5
Efficiency: 50.0%

Field:
H Angle: 50.2°
V Angle: 50.4°
Lumens: 13610.1
Efficiency: 85.9%

Spill:
Lumens: 2230.6
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	1	2	1
55°	0	0	0	0	0	0	0	0	2	2	1
52.5°	0	0	0	0	0	0	1	1	3	2	2
50°	0	0	0	0	0	0	1	2	3	3	2
47.5°	0	0	0	0	0	1	1	3	3	3	3
45°	0	0	0	0	0	1	2	3	4	3	3
42.5°	0	0	0	0	0	2	2	4	4	3	6
40°	0	0	0	0	0	2	3	4	4	4	8
37.5°	0	0	0	0	1	2	3	4	4	5	12
35°	0	0	0	0	1	3	3	4	5	8	15
32.5°	0	0	0	0	1	3	4	4	6	12	19
30°	0	0	0	0	2	3	4	4	8	15	23
27.5°	0	0	0	0	2	3	4	5	10	18	28
25°	0	0	0	0	2	3	4	6	12	21	33
22.5°	0	0	0	0	2	4	4	7	15	25	39
20°	0	0	0	0	3	4	4	9	17	29	45
17.5°	0	0	0	0	3	4	4	10	19	33	51
15°	0	0	0	0	3	4	4	12	21	37	56
12.5°	0	0	0	0	3	4	5	14	23	41	60
10°	0	0	0	0	3	4	5	15	25	44	64
7.5°	0	0	0	0	3	4	5	17	27	48	68
5°	0	0	0	0	3	4	6	19	29	51	72
2.5°	0	0	0	0	3	4	7	20	30	54	75
0°	0	0	0	0	4	4	7	21	32	56	77
-2.5°	0	0	0	0	3	4	8	22	35	58	80
-5°	0	0	0	0	3	4	10	22	37	60	81
-7.5°	0	0	0	1	3	5	11	22	40	61	83
-10°	0	0	0	1	3	5	12	22	42	62	84
-12.5°	0	0	0	1	3	5	13	22	43	63	86
-15°	0	0	0	1	3	5	14	23	43	64	87
-17.5°	0	0	0	1	3	6	14	23	43	64	88
-20°	0	0	0	1	3	6	14	24	42	64	88

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0	0	0	2	3	6	14	25	41	63	87
-25°	0	0	0	2	3	6	15	26	40	62	84
-27.5°	0	0	0	2	3	6	15	26	39	60	83
-30°	0	0	0	2	4	7	14	26	38	58	80
-32.5°	0	0	0	1	4	7	14	26	38	56	77
-35°	0	0	0	1	4	7	14	26	38	54	73
-37.5°	0	0	0	1	4	7	14	25	37	52	71
-40°	0	0	0	1	5	7	14	24	36	50	69
-42.5°	0	0	0	1	5	8	14	23	35	48	67
-45°	0	0	0	1	4	8	13	22	33	46	63
-47.5°	0	0	0	0	4	8	12	21	32	43	60
-50°	0	0	0	1	4	7	12	20	30	41	56
-52.5°	0	0	0	1	4	7	12	18	28	39	51
-55°	0	0	0	1	3	7	11	17	26	36	48
-57.5°	0	0	0	1	3	6	10	15	23	33	43
-60°	0	0	0	1	3	6	9	14	21	29	39
-62.5°	0	0	0	1	3	5	8	13	19	26	35
-65°	0	0	0	1	2	5	8	11	17	23	30
-67.5°	0	0	0	1	2	4	7	10	14	20	26
-70°	0	0	0	1	2	4	7	9	13	17	23
-72.5°	0	0	0	1	2	4	6	8	11	15	19
-75°	0	0	0	1	2	3	5	7	9	12	15
-77.5°	0	0	0	1	1	3	4	6	7	9	11
-80°	0	0	0	0	1	2	4	4	5	7	8
-82.5°	0	0	0	0	1	2	3	3	4	4	5
-85°	0	0	0	0	1	1	2	2	2	3	3
-87.5°	0	0	0	0	0	1	1	1	1	1	1
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627314 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-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°
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	0	1	1
60°	0	0	0	1	1	2	2	3	3	3	7
57.5°	0	1	2	2	2	4	6	7	11	16	19
55°	1	2	3	3	5	8	11	18	24	31	37
52.5°	2	4	3	5	10	15	22	31	40	47	53
50°	3	4	5	11	18	26	36	48	56	63	73
47.5°	5	5	11	18	27	39	53	63	71	84	98
45°	7	10	17	27	39	55	68	77	91	106	121
42.5°	9	16	25	35	54	70	82	95	110	127	143
40°	14	21	34	50	69	84	99	114	129	149	166
37.5°	18	29	43	63	82	99	117	134	153	173	193
35°	22	37	55	75	95	116	135	154	178	200	223
32.5°	28	46	65	87	109	131	152	178	202	227	255
30°	36	54	75	98	121	145	172	200	224	252	282
27.5°	44	62	85	109	133	159	192	220	246	276	309
25°	51	71	95	119	145	175	210	239	266	299	338
22.5°	58	79	105	128	157	191	227	259	291	323	369
20°	65	89	115	140	168	207	244	280	317	358	409
17.5°	72	97	125	153	184	222	261	302	342	393	456
15°	78	105	135	165	198	237	279	323	370	429	501
12.5°	84	112	144	176	211	251	294	340	395	465	555
10°	89	119	153	186	222	263	307	355	414	490	595
7.5°	94	125	161	195	231	274	318	368	430	511	627
5°	99	131	167	201	239	283	328	379	443	527	653
2.5°	102	136	172	207	245	288	333	386	452	543	673
0°	105	141	176	211	250	292	338	390	457	556	686
-2.5°	109	145	180	215	254	296	341	394	463	559	689
-5°	111	149	183	219	258	298	344	396	466	560	691
-7.5°	113	151	185	221	260	300	345	398	468	559	690
-10°	115	153	187	223	263	302	345	397	465	553	679
-12.5°	117	154	188	224	263	303	344	394	459	542	657
-15°	118	154	188	224	263	302	341	388	449	529	628
-17.5°	119	153	187	222	261	300	337	382	439	514	609
-20°	118	152	185	218	258	297	334	377	430	496	581

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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	118	151	183	215	253	291	329	370	418	474	551
-25°	116	149	180	212	247	284	322	360	406	460	525
-27.5°	113	147	177	209	242	277	313	351	393	442	498
-30°	109	142	173	204	236	269	303	340	378	424	475
-32.5°	103	137	167	198	230	262	292	328	365	404	450
-35°	99	131	161	190	223	253	282	314	350	386	425
-37.5°	96	125	155	182	213	243	271	300	332	368	404
-40°	92	118	147	175	202	232	260	286	315	350	384
-42.5°	88	113	140	167	193	220	248	273	301	332	365
-45°	84	108	132	158	184	209	235	261	288	316	346
-47.5°	80	102	126	149	174	199	222	247	275	301	328
-50°	74	96	117	139	163	188	212	233	258	285	311
-52.5°	69	89	109	129	151	174	199	221	242	265	290
-55°	62	81	100	118	138	160	183	206	228	249	270
-57.5°	56	71	90	108	126	144	166	188	210	231	252
-60°	50	63	79	96	114	132	150	170	191	211	230
-62.5°	44	56	69	84	101	118	135	153	171	188	205
-65°	39	48	60	73	87	102	118	135	152	165	179
-67.5°	33	42	51	61	73	86	99	114	129	142	154
-70°	29	35	42	51	61	71	83	94	106	117	129
-72.5°	24	29	35	40	49	58	68	77	86	97	106
-75°	20	24	28	33	39	46	54	63	71	78	86
-77.5°	15	19	22	26	30	36	42	49	55	62	68
-80°	11	14	17	20	23	27	31	35	40	45	50
-82.5°	7	10	12	14	16	18	21	23	27	30	34
-85°	4	5	7	9	9	11	12	13	15	17	19
-87.5°	2	3	3	4	4	4	5	5	6	7	8
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627314 (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	1	1	1	0	0	0
62.5°	1	2	3	4	4	4	5	5	5	5	5
60°	9	9	13	16	16	12	17	20	19	16	16
57.5°	25	31	35	37	42	49	51	50	51	53	60
55°	43	48	51	58	66	72	78	81	86	90	95
52.5°	59	67	73	80	89	95	98	108	116	123	127
50°	84	92	101	111	120	129	136	146	157	169	177
47.5°	110	121	133	147	157	165	174	188	203	218	227
45°	134	147	162	175	187	198	212	228	244	259	270
42.5°	156	170	186	202	212	229	249	265	285	304	317
40°	181	195	218	234	248	267	295	319	343	365	379
37.5°	212	235	260	279	298	321	360	398	428	458	479
35°	248	276	306	328	356	399	447	499	552	594	632
32.5°	282	313	344	379	421	483	543	627	704	784	859
30°	313	348	386	430	499	584	683	811	950	1089	1247
27.5°	346	384	429	500	604	720	902	1104	1391	1623	1996
25°	381	424	486	598	743	947	1264	1624	2219	2728	3302
22.5°	424	490	578	719	960	1327	1820	2605	3519	4368	5178
20°	477	567	717	940	1286	1852	2785	3976	5247	6490	7692
17.5°	547	690	904	1222	1712	2901	4290	5991	8169	9804	11355
15°	611	791	1115	1630	2553	4083	6025	8629	11561	14026	16814
12.5°	686	904	1294	1963	3282	5304	7779	10886	14355	18096	22463
10°	752	1020	1522	2442	4043	6396	9169	12816	17272	22566	28085
7.5°	803	1117	1712	2802	4683	7291	10600	15035	20678	26866	33160
5°	842	1192	1861	3083	5228	8018	11644	16790	23223	30325	36584
2.5°	873	1244	1960	3257	5596	8514	12358	17723	24780	32583	39156
0°	897	1276	2015	3379	5767	8749	12688	18100	25510	33690	40449
-2.5°	905	1293	2018	3337	5663	8735	12611	17869	25006	33250	40174
-5°	908	1285	1967	3248	5479	8422	12106	16991	23469	31202	38219
-7.5°	901	1250	1864	3031	5064	7869	11401	15689	20999	27816	35069
-10°	877	1190	1724	2735	4494	7005	10303	13926	18168	23734	29611
-12.5°	833	1101	1531	2293	3823	6029	8949	12152	15457	19115	23949
-15°	781	1009	1374	2025	3201	5002	7367	10072	12816	15617	18566
-17.5°	741	929	1212	1667	2457	3914	5805	7979	10205	12429	14415
-20°	690	834	1055	1409	1983	2845	4267	5958	7622	9435	10957

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REPORT NUMBER: P627314 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-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°	645	767	933	1155	1541	2148	2959	4150	5414	6731	7981
-25°	602	694	826	1005	1235	1596	2132	2754	3641	4452	5380
-27.5°	566	643	733	865	1040	1238	1566	1930	2395	2781	3400
-30°	531	593	667	752	880	1031	1207	1427	1655	1883	2180
-32.5°	499	551	609	677	757	869	979	1120	1245	1382	1523
-35°	467	513	561	615	676	751	833	926	1009	1092	1166
-37.5°	440	478	520	563	612	663	728	794	850	904	949
-40°	417	449	483	519	558	600	650	699	736	771	800
-42.5°	395	424	451	481	514	552	591	628	654	678	697
-45°	375	400	425	449	476	510	543	572	592	611	625
-47.5°	354	376	398	421	447	474	500	522	540	556	566
-50°	333	355	375	394	417	441	464	482	498	512	519
-52.5°	313	333	354	373	392	410	429	446	462	476	481
-55°	293	313	331	350	368	385	402	417	431	445	449
-57.5°	273	294	313	328	343	359	375	390	404	416	420
-60°	251	272	289	303	318	333	346	360	374	386	391
-62.5°	224	243	259	273	286	299	312	324	336	346	352
-65°	193	209	225	238	250	262	274	285	295	303	308
-67.5°	166	178	191	203	215	227	237	247	256	263	267
-70°	140	151	162	173	184	194	204	212	221	226	231
-72.5°	116	126	136	146	156	164	172	180	187	192	196
-75°	94	103	111	120	128	135	142	148	154	158	162
-77.5°	75	81	87	94	100	106	111	116	121	124	127
-80°	55	60	65	70	75	79	83	86	90	94	96
-82.5°	38	41	45	49	53	55	57	59	61	63	66
-85°	22	24	26	29	31	33	34	36	37	38	40
-87.5°	9	10	11	12	13	13	13	13	14	15	16
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627314 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	4	4	3	3	3	4	4	5	5	5	5
60°	15	14	14	14	14	14	15	16	16	19	20
57.5°	66	70	73	74	73	70	66	60	53	51	50
55°	100	103	104	102	104	103	100	95	90	86	81
52.5°	129	129	128	127	128	129	129	127	123	116	108
50°	179	178	178	179	178	178	179	177	169	157	146
47.5°	230	232	233	232	233	232	230	227	218	203	188
45°	275	278	279	278	279	278	275	270	259	244	228
42.5°	323	325	326	327	326	325	323	317	304	285	265
40°	386	388	388	387	388	388	386	379	365	343	319
37.5°	493	501	504	513	504	501	493	479	458	428	398
35°	661	679	688	703	688	679	661	632	594	552	499
32.5°	912	949	969	988	969	949	912	859	784	704	627
30°	1356	1429	1458	1512	1458	1429	1356	1247	1089	950	811
27.5°	2270	2442	2510	2652	2510	2442	2270	1996	1623	1391	1104
25°	3824	4195	4399	4561	4399	4195	3824	3302	2728	2219	1624
22.5°	5996	6539	6829	7044	6829	6539	5996	5178	4368	3519	2605
20°	8781	9499	9926	10237	9926	9499	8781	7692	6490	5247	3976
17.5°	13346	14473	15132	15698	15132	14473	13346	11355	9804	8169	5991
15°	19924	22189	23949	24930	23949	22189	19924	16814	14026	11561	8629
12.5°	26324	29641	31612	32519	31612	29641	26324	22463	18096	14355	10886
10°	32653	35781	37656	37987	37656	35781	32653	28085	22566	17272	12816
7.5°	37498	40938	43429	44335	43429	40938	37498	33160	26866	20678	15035
5°	41777	45805	48442	48776	48442	45805	41777	36584	30325	23223	16790
2.5°	44925	49304	51861	52739	51861	49304	44925	39156	32583	24780	17723
0°	46448	51164	54009	55289	54009	51164	46448	40449	33690	25510	18100
-2.5°	46128	51005	54181	55852	54181	51005	46128	40174	33250	25006	17869
-5°	44374	49266	52226	54002	52226	49266	44374	38219	31202	23469	16991
-7.5°	40329	44904	48056	49694	48056	44904	40329	35069	27816	20999	15689
-10°	35118	38989	41862	43258	41862	38989	35118	29611	23734	18168	13926
-12.5°	28345	32101	34693	35680	34693	32101	28345	23949	19115	15457	12152
-15°	21718	24584	26425	27008	26425	24584	21718	18566	15617	12816	10072
-17.5°	16470	18013	19048	19328	19048	18013	16470	14415	12429	10205	7979
-20°	12339	13295	13967	14126	13967	13295	12339	10957	9435	7622	5958

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REPORT NUMBER: P627314 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	8990	9709	10252	10360	10252	9709	8990	7981	6731	5414	4150
-25°	6201	6803	7171	7199	7171	6803	6201	5380	4452	3641	2754
-27.5°	3888	4218	4389	4449	4389	4218	3888	3400	2781	2395	1930
-30°	2403	2555	2635	2638	2635	2555	2403	2180	1883	1655	1427
-32.5°	1631	1704	1744	1744	1744	1704	1631	1523	1382	1245	1120
-35°	1222	1260	1281	1284	1281	1260	1222	1166	1092	1009	926
-37.5°	982	1003	1014	1016	1014	1003	982	949	904	850	794
-40°	821	836	845	851	845	836	821	800	771	736	699
-42.5°	710	720	724	721	724	720	710	697	678	654	628
-45°	633	638	642	644	642	638	633	625	611	592	572
-47.5°	571	574	576	577	576	574	571	566	556	540	522
-50°	523	525	526	524	526	525	523	519	512	498	482
-52.5°	483	484	485	485	485	484	483	481	476	462	446
-55°	451	452	453	454	453	452	451	449	445	431	417
-57.5°	424	427	427	426	427	427	424	420	416	404	390
-60°	395	399	400	401	400	399	395	391	386	374	360
-62.5°	356	360	362	362	362	360	356	352	346	336	324
-65°	312	315	319	323	319	315	312	308	303	295	285
-67.5°	270	273	277	281	277	273	270	267	263	256	247
-70°	235	238	239	239	239	238	235	231	226	221	212
-72.5°	200	203	204	204	204	203	200	196	192	187	180
-75°	165	168	169	169	169	168	165	162	158	154	148
-77.5°	130	133	133	134	133	133	130	127	124	121	116
-80°	99	101	100	99	100	101	99	96	94	90	86
-82.5°	68	70	68	67	68	70	68	66	63	61	59
-85°	41	42	40	39	40	42	41	40	38	37	36
-87.5°	17	18	16	14	16	18	17	16	15	14	13
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627314 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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	1	0	0	0	0	0	0	0	0	0
62.5°	5	4	4	4	3	2	1	1	1	0	1
60°	17	12	16	16	13	9	9	7	3	3	3
57.5°	51	49	42	37	35	31	25	19	16	11	7
55°	78	72	66	58	51	48	43	37	31	24	18
52.5°	98	95	89	80	73	67	59	53	47	40	31
50°	136	129	120	111	101	92	84	73	63	56	48
47.5°	174	165	157	147	133	121	110	98	84	71	63
45°	212	198	187	175	162	147	134	121	106	91	77
42.5°	249	229	212	202	186	170	156	143	127	110	95
40°	295	267	248	234	218	195	181	166	149	129	114
37.5°	360	321	298	279	260	235	212	193	173	153	134
35°	447	399	356	328	306	276	248	223	200	178	154
32.5°	543	483	421	379	344	313	282	255	227	202	178
30°	683	584	499	430	386	348	313	282	252	224	200
27.5°	902	720	604	500	429	384	346	309	276	246	220
25°	1264	947	743	598	486	424	381	338	299	266	239
22.5°	1820	1327	960	719	578	490	424	369	323	291	259
20°	2785	1852	1286	940	717	567	477	409	358	317	280
17.5°	4290	2901	1712	1222	904	690	547	456	393	342	302
15°	6025	4083	2553	1630	1115	791	611	501	429	370	323
12.5°	7779	5304	3282	1963	1294	904	686	555	465	395	340
10°	9169	6396	4043	2442	1522	1020	752	595	490	414	355
7.5°	10600	7291	4683	2802	1712	1117	803	627	511	430	368
5°	11644	8018	5228	3083	1861	1192	842	653	527	443	379
2.5°	12358	8514	5596	3257	1960	1244	873	673	543	452	386
0°	12688	8749	5767	3379	2015	1276	897	686	556	457	390
-2.5°	12611	8735	5663	3337	2018	1293	905	689	559	463	394
-5°	12106	8422	5479	3248	1967	1285	908	691	560	466	396
-7.5°	11401	7869	5064	3031	1864	1250	901	690	559	468	398
-10°	10303	7005	4494	2735	1724	1190	877	679	553	465	397
-12.5°	8949	6029	3823	2293	1531	1101	833	657	542	459	394
-15°	7367	5002	3201	2025	1374	1009	781	628	529	449	388
-17.5°	5805	3914	2457	1667	1212	929	741	609	514	439	382
-20°	4267	2845	1983	1409	1055	834	690	581	496	430	377

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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°	2959	2148	1541	1155	933	767	645	551	474	418	370
-25°	2132	1596	1235	1005	826	694	602	525	460	406	360
-27.5°	1566	1238	1040	865	733	643	566	498	442	393	351
-30°	1207	1031	880	752	667	593	531	475	424	378	340
-32.5°	979	869	757	677	609	551	499	450	404	365	328
-35°	833	751	676	615	561	513	467	425	386	350	314
-37.5°	728	663	612	563	520	478	440	404	368	332	300
-40°	650	600	558	519	483	449	417	384	350	315	286
-42.5°	591	552	514	481	451	424	395	365	332	301	273
-45°	543	510	476	449	425	400	375	346	316	288	261
-47.5°	500	474	447	421	398	376	354	328	301	275	247
-50°	464	441	417	394	375	355	333	311	285	258	233
-52.5°	429	410	392	373	354	333	313	290	265	242	221
-55°	402	385	368	350	331	313	293	270	249	228	206
-57.5°	375	359	343	328	313	294	273	252	231	210	188
-60°	346	333	318	303	289	272	251	230	211	191	170
-62.5°	312	299	286	273	259	243	224	205	188	171	153
-65°	274	262	250	238	225	209	193	179	165	152	135
-67.5°	237	227	215	203	191	178	166	154	142	129	114
-70°	204	194	184	173	162	151	140	129	117	106	94
-72.5°	172	164	156	146	136	126	116	106	97	86	77
-75°	142	135	128	120	111	103	94	86	78	71	63
-77.5°	111	106	100	94	87	81	75	68	62	55	49
-80°	83	79	75	70	65	60	55	50	45	40	35
-82.5°	57	55	53	49	45	41	38	34	30	27	23
-85°	34	33	31	29	26	24	22	19	17	15	13
-87.5°	13	13	13	12	11	10	9	8	7	6	5
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627314 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	1	0	0	0	0	0	0	0	0	0	0
60°	2	2	1	1	0	0	0	1	1	0	0
57.5°	6	4	2	2	2	1	0	1	2	1	0
55°	11	8	5	3	3	2	1	1	2	2	0
52.5°	22	15	10	5	3	4	2	2	2	3	1
50°	36	26	18	11	5	4	3	2	3	3	2
47.5°	53	39	27	18	11	5	5	3	3	3	3
45°	68	55	39	27	17	10	7	3	3	4	3
42.5°	82	70	54	35	25	16	9	6	3	4	4
40°	99	84	69	50	34	21	14	8	4	4	4
37.5°	117	99	82	63	43	29	18	12	5	4	4
35°	135	116	95	75	55	37	22	15	8	5	4
32.5°	152	131	109	87	65	46	28	19	12	6	4
30°	172	145	121	98	75	54	36	23	15	8	4
27.5°	192	159	133	109	85	62	44	28	18	10	5
25°	210	175	145	119	95	71	51	33	21	12	6
22.5°	227	191	157	128	105	79	58	39	25	15	7
20°	244	207	168	140	115	89	65	45	29	17	9
17.5°	261	222	184	153	125	97	72	51	33	19	10
15°	279	237	198	165	135	105	78	56	37	21	12
12.5°	294	251	211	176	144	112	84	60	41	23	14
10°	307	263	222	186	153	119	89	64	44	25	15
7.5°	318	274	231	195	161	125	94	68	48	27	17
5°	328	283	239	201	167	131	99	72	51	29	19
2.5°	333	288	245	207	172	136	102	75	54	30	20
0°	338	292	250	211	176	141	105	77	56	32	21
-2.5°	341	296	254	215	180	145	109	80	58	35	22
-5°	344	298	258	219	183	149	111	81	60	37	22
-7.5°	345	300	260	221	185	151	113	83	61	40	22
-10°	345	302	263	223	187	153	115	84	62	42	22
-12.5°	344	303	263	224	188	154	117	86	63	43	22
-15°	341	302	263	224	188	154	118	87	64	43	23
-17.5°	337	300	261	222	187	153	119	88	64	43	23
-20°	334	297	258	218	185	152	118	88	64	42	24

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REPORT NUMBER: P627314 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	329	291	253	215	183	151	118	87	63	41	25
-25°	322	284	247	212	180	149	116	84	62	40	26
-27.5°	313	277	242	209	177	147	113	83	60	39	26
-30°	303	269	236	204	173	142	109	80	58	38	26
-32.5°	292	262	230	198	167	137	103	77	56	38	26
-35°	282	253	223	190	161	131	99	73	54	38	26
-37.5°	271	243	213	182	155	125	96	71	52	37	25
-40°	260	232	202	175	147	118	92	69	50	36	24
-42.5°	248	220	193	167	140	113	88	67	48	35	23
-45°	235	209	184	158	132	108	84	63	46	33	22
-47.5°	222	199	174	149	126	102	80	60	43	32	21
-50°	212	188	163	139	117	96	74	56	41	30	20
-52.5°	199	174	151	129	109	89	69	51	39	28	18
-55°	183	160	138	118	100	81	62	48	36	26	17
-57.5°	166	144	126	108	90	71	56	43	33	23	15
-60°	150	132	114	96	79	63	50	39	29	21	14
-62.5°	135	118	101	84	69	56	44	35	26	19	13
-65°	118	102	87	73	60	48	39	30	23	17	11
-67.5°	99	86	73	61	51	42	33	26	20	14	10
-70°	83	71	61	51	42	35	29	23	17	13	9
-72.5°	68	58	49	40	35	29	24	19	15	11	8
-75°	54	46	39	33	28	24	20	15	12	9	7
-77.5°	42	36	30	26	22	19	15	11	9	7	6
-80°	31	27	23	20	17	14	11	8	7	5	4
-82.5°	21	18	16	14	12	10	7	5	4	4	3
-85°	12	11	9	9	7	5	4	3	3	2	2
-87.5°	5	4	4	4	3	3	2	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: P627314 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-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°	1	0	0	0	0	0	0
50°	1	0	0	0	0	0	0
47.5°	1	1	0	0	0	0	0
45°	2	1	0	0	0	0	0
42.5°	2	2	0	0	0	0	0
40°	3	2	0	0	0	0	0
37.5°	3	2	1	0	0	0	0
35°	3	3	1	0	0	0	0
32.5°	4	3	1	0	0	0	0
30°	4	3	2	0	0	0	0
27.5°	4	3	2	0	0	0	0
25°	4	3	2	0	0	0	0
22.5°	4	4	2	0	0	0	0
20°	4	4	3	0	0	0	0
17.5°	4	4	3	0	0	0	0
15°	4	4	3	0	0	0	0
12.5°	5	4	3	0	0	0	0
10°	5	4	3	0	0	0	0
7.5°	5	4	3	0	0	0	0
5°	6	4	3	0	0	0	0
2.5°	7	4	3	0	0	0	0
0°	7	4	4	0	0	0	0
-2.5°	8	4	3	0	0	0	0
-5°	10	4	3	0	0	0	0
-7.5°	11	5	3	1	0	0	0
-10°	12	5	3	1	0	0	0
-12.5°	13	5	3	1	0	0	0
-15°	14	5	3	1	0	0	0
-17.5°	14	6	3	1	0	0	0
-20°	14	6	3	1	0	0	0

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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627314 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-727-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)