

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: P627134 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA3C-727-U-MR-VSR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627134 (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-SA3C-727-U-MR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (48) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13630.9 lumens
Efficiency: N/A
Efficacy: 112.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 4V
Max Intensity: 48059.9 candela
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V
Beam Lumens: 6815.6 lumens
Beam Efficiency: 50.0%

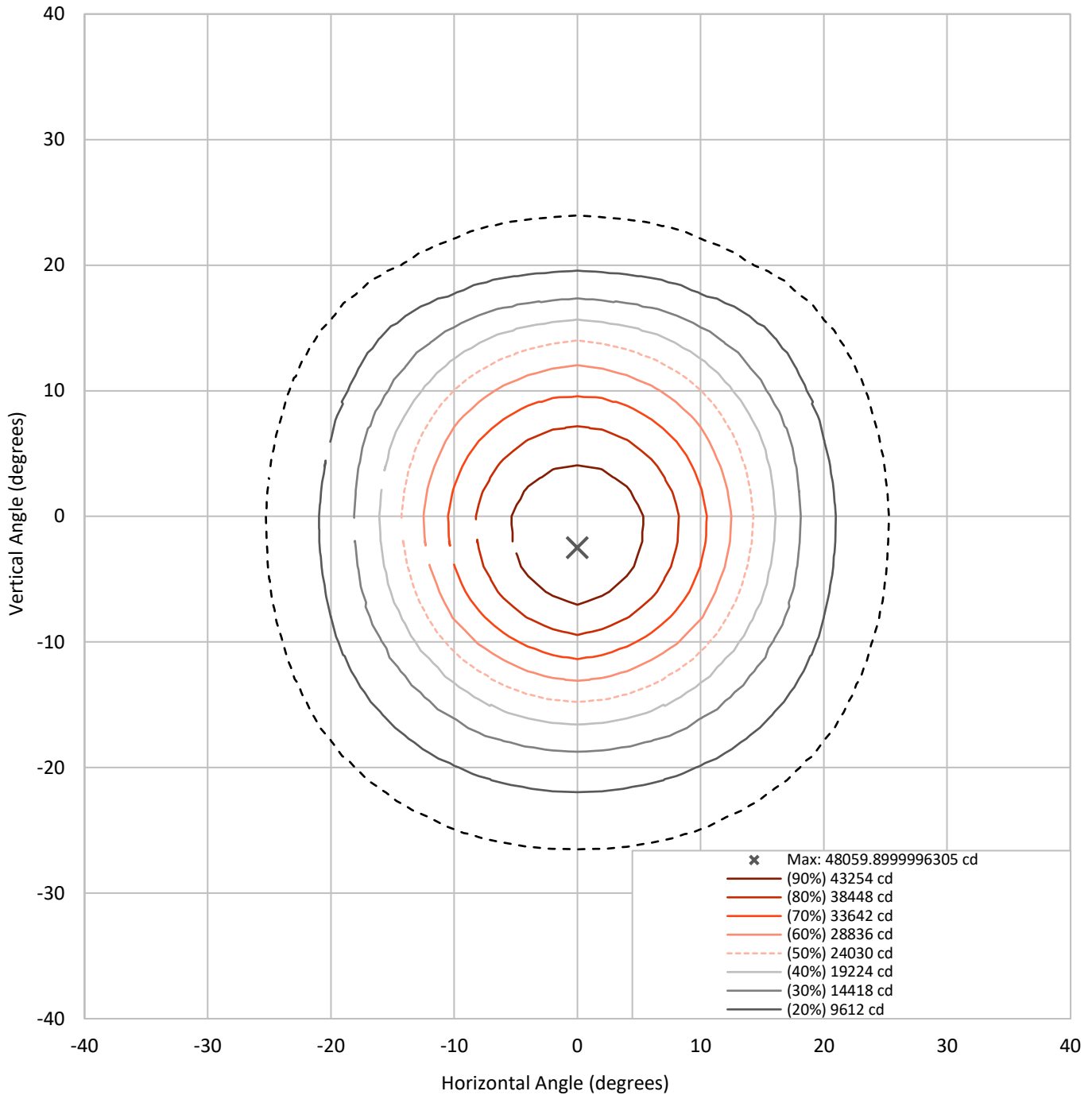
Field Angle (10%): 50.2°H x 50.4°V
Field Lumens: 11711.4 lumens
Field Efficiency: 85.9%

Input Watts (W): 121.7
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			
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	0.9	1.6	2.2	2.6	2.6	2.2	1.6	0.9	0.4	0.1	0.0				
40	0.0	0.1	0.5	1.5	2.9	4.4	6.2	7.3	7.3	6.2	4.4	2.9	1.5	0.5	0.1	0.0			
30		0.2	1.2	2.9	5.4	8.8	14.7	19.6	19.6	14.7	8.8	5.4	2.9	1.2	0.2				
20	0.1	0.4	1.8	4.5	8.5	20.6	64.7	118.6	118.6	64.7	20.6	8.5	4.5	1.8	0.4	0.1			
10		0.7	2.5	6.1	14.5	71.0	288.7	565.2	565.2	288.7	71.0	14.5	6.1	2.5	0.7				
0	0.2	0.9	3.1	7.2	20.8	135.3	582.9	1142.5	1142.5	582.9	135.3	20.8	7.2	3.1	0.9	0.2			
-10		1.0	3.3	7.6	22.2	141.8	598.1	1211.4	1211.4	598.1	141.8	22.2	7.6	3.3	1.0				
-20	0.3	1.0	3.4	7.4	18.3	87.1	330.7	641.1	641.1	330.7	87.1	18.3	7.4	3.4	1.0	0.3			
-30		1.0	3.2	6.8	13.4	33.8	102.4	182.7	182.7	102.4	33.8	13.4	6.8	3.2	1.0				
-40	0.2	0.9	2.9	5.9	10.2	16.7	27.2	36.4	36.4	27.2	16.7	10.2	5.9	2.9	0.9	0.2			
-50		0.8	2.4	4.9	8.0	11.5	15.1	17.0	17.0	15.1	11.5	8.0	4.9	2.4	0.8				
-60	0.2	0.6	1.8	3.8	6.3	8.7	10.9	11.9	11.9	10.9	8.7	6.3	3.8	1.8	0.6	0.2			
-70		0.4	1.1	2.5	4.2	5.9	7.5	8.2	8.2	7.5	5.9	4.2	2.5	1.1	0.4				
-80	0.1	0.9	4.0	8.7	11.0	8.7	4.0	0.9	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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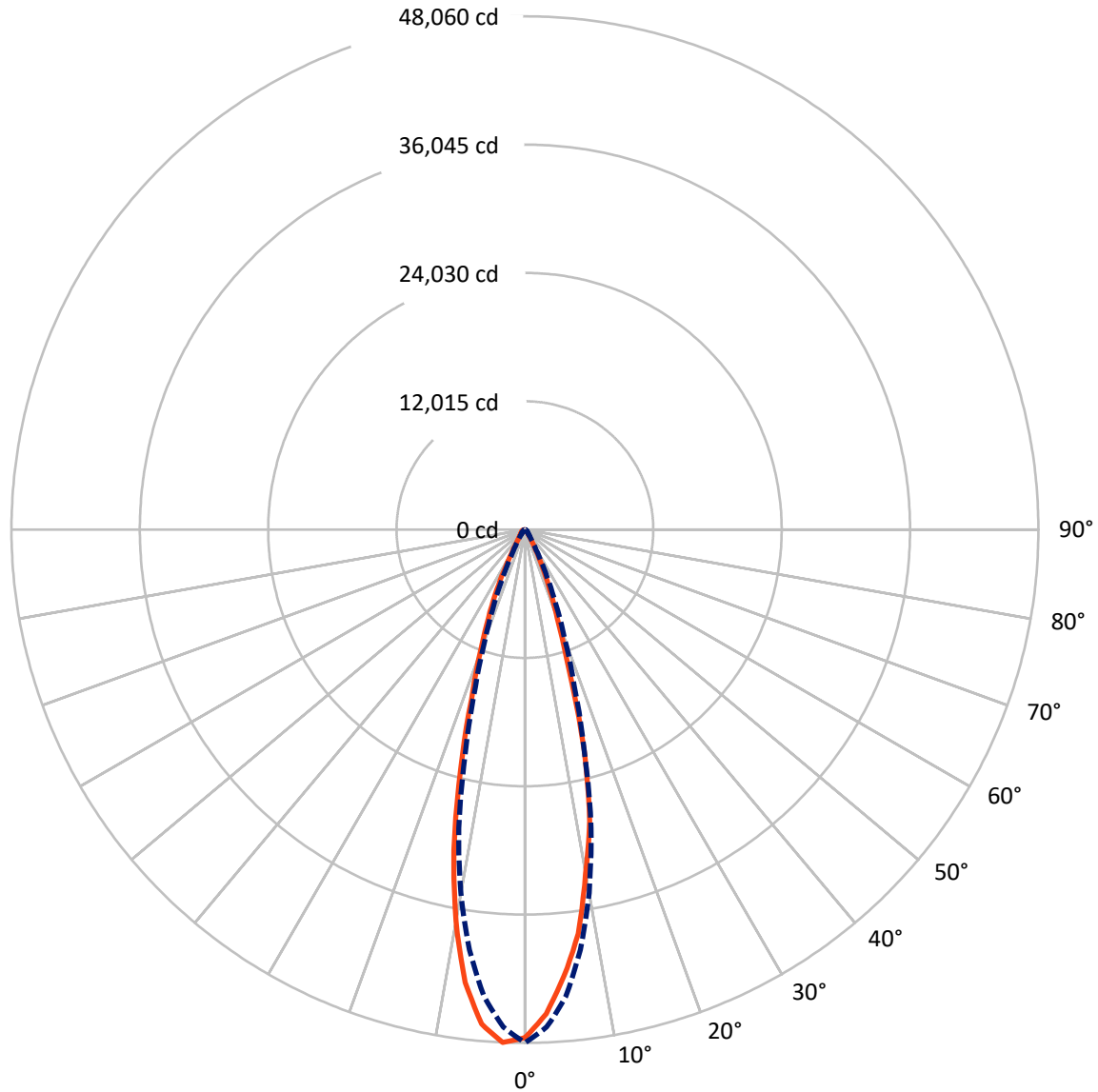
Cooper Lighting Solutions Photometric Lab
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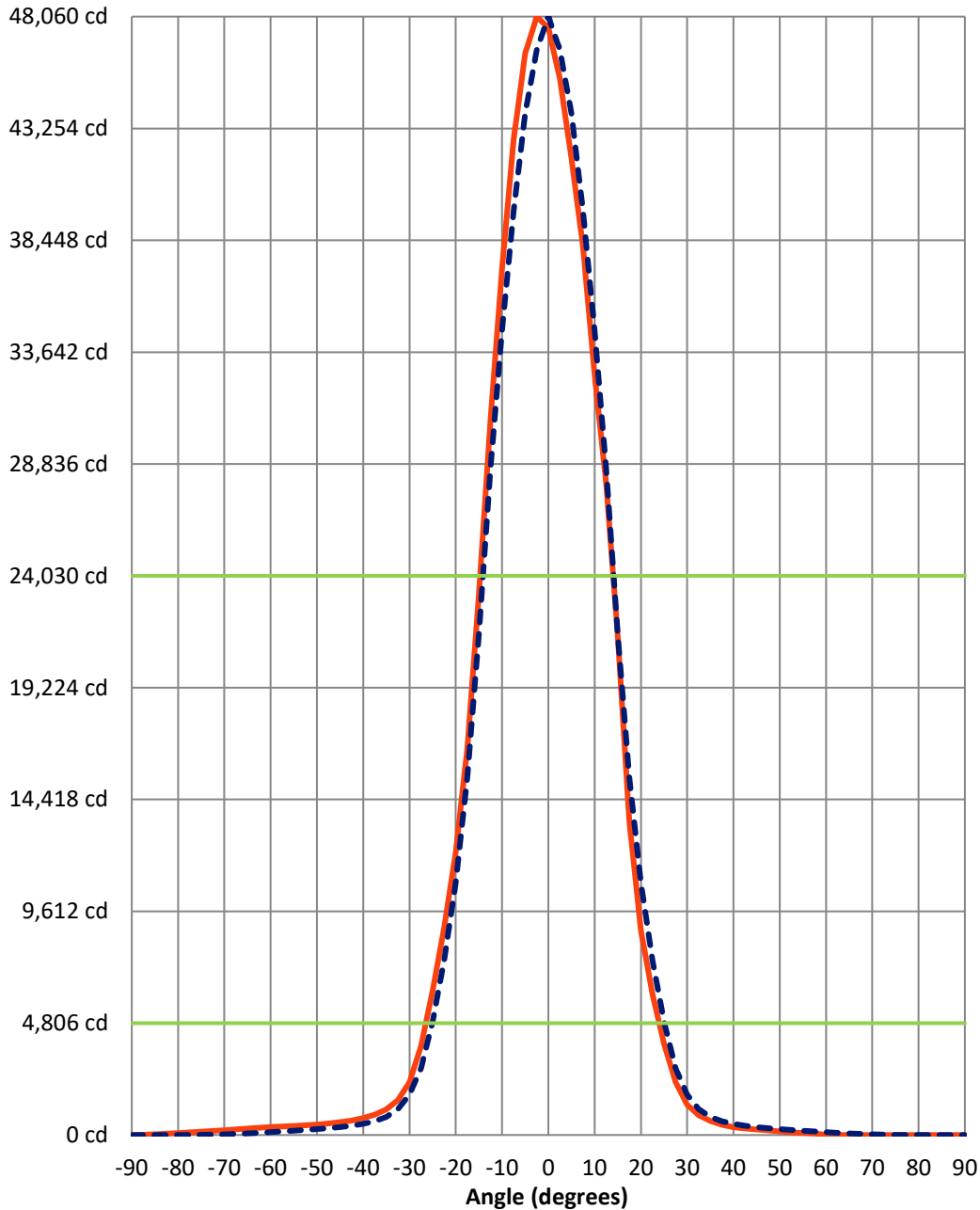
Luminous Intensity Polar Plot



— 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: 6815.6
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 11711.4
 Efficiency: 85.9%

Spill:
 Lumens: 1919.4
 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	1	1
55°	0	0	0	0	0	0	0	0	1	2	1
52.5°	0	0	0	0	0	0	1	1	2	2	1
50°	0	0	0	0	0	0	1	2	3	2	2
47.5°	0	0	0	0	0	1	1	2	3	2	3
45°	0	0	0	0	0	1	2	3	3	3	3
42.5°	0	0	0	0	0	1	2	3	3	3	5
40°	0	0	0	0	0	2	2	3	3	3	7
37.5°	0	0	0	0	0	2	3	3	4	4	10
35°	0	0	0	0	1	2	3	3	4	7	13
32.5°	0	0	0	0	1	3	3	3	6	10	16
30°	0	0	0	0	1	3	3	3	7	13	20
27.5°	0	0	0	0	2	3	3	4	9	15	24
25°	0	0	0	0	2	3	3	5	11	18	28
22.5°	0	0	0	0	2	3	3	6	13	22	34
20°	0	0	0	0	2	3	3	8	15	25	39
17.5°	0	0	0	0	2	3	3	9	17	28	44
15°	0	0	0	0	3	3	4	10	18	32	48
12.5°	0	0	0	0	3	3	4	12	20	35	52
10°	0	0	0	0	3	3	4	13	22	38	55
7.5°	0	0	0	0	3	3	5	15	23	41	59
5°	0	0	0	0	3	3	5	16	25	44	62
2.5°	0	0	0	0	3	3	6	17	26	46	64
0°	0	0	0	0	3	3	6	18	27	48	67
-2.5°	0	0	0	0	3	3	7	19	30	50	69
-5°	0	0	0	0	3	4	8	19	32	51	70
-7.5°	0	0	0	1	3	4	9	19	34	53	71
-10°	0	0	0	1	3	4	10	19	36	54	72
-12.5°	0	0	0	1	3	4	11	19	37	54	74
-15°	0	0	0	1	3	5	12	19	37	55	75
-17.5°	0	0	0	1	3	5	12	20	37	55	76
-20°	0	0	0	1	3	5	12	21	36	55	76

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REPORT NUMBER: P627134 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3C-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	3	5	12	22	35	55	75
-25°	0	0	0	1	3	5	13	22	34	53	73
-27.5°	0	0	0	1	3	6	13	23	33	52	71
-30°	0	0	0	1	3	6	12	23	33	50	69
-32.5°	0	0	0	1	3	6	12	22	33	48	66
-35°	0	0	0	1	4	6	12	22	33	46	63
-37.5°	0	0	0	1	4	6	12	21	32	44	61
-40°	0	0	0	1	4	6	12	21	31	43	59
-42.5°	0	0	0	1	4	7	12	20	30	42	57
-45°	0	0	0	1	4	7	11	19	29	40	55
-47.5°	0	0	0	0	4	7	11	18	27	37	52
-50°	0	0	0	0	3	6	10	17	26	36	48
-52.5°	0	0	0	1	3	6	10	16	24	33	44
-55°	0	0	0	1	3	6	9	14	22	31	41
-57.5°	0	0	0	1	3	5	9	13	20	28	37
-60°	0	0	0	1	2	5	8	12	18	25	33
-62.5°	0	0	0	1	2	5	7	11	16	22	30
-65°	0	0	0	1	2	4	7	10	14	20	26
-67.5°	0	0	0	1	2	4	6	9	12	17	23
-70°	0	0	0	1	2	3	6	8	11	15	20
-72.5°	0	0	0	1	2	3	5	7	9	13	17
-75°	0	0	0	1	1	3	4	6	8	10	13
-77.5°	0	0	0	0	1	2	4	5	6	8	10
-80°	0	0	0	0	1	2	3	4	5	6	7
-82.5°	0	0	0	0	1	1	2	3	3	4	5
-85°	0	0	0	0	1	1	2	2	2	2	3
-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: P627134 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3C-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	0	1	0	1	1
60°	0	0	0	1	1	1	2	2	3	3	6
57.5°	0	1	1	2	2	3	5	6	10	14	17
55°	1	2	2	3	4	7	10	15	20	27	32
52.5°	2	3	3	5	9	13	19	27	34	40	46
50°	3	4	4	10	15	22	31	41	48	54	63
47.5°	4	5	9	16	23	34	46	54	61	72	84
45°	6	9	15	23	33	48	58	66	78	91	104
42.5°	8	14	22	30	47	60	70	82	95	109	123
40°	12	18	29	43	59	72	85	98	111	128	143
37.5°	16	25	37	54	71	86	100	115	131	149	166
35°	19	32	47	65	82	100	116	133	153	172	192
32.5°	24	39	56	75	93	113	131	153	174	195	219
30°	31	47	64	85	104	125	148	172	193	217	243
27.5°	38	54	73	94	114	137	165	189	212	237	266
25°	44	61	81	102	125	151	181	205	229	258	291
22.5°	50	68	91	110	135	165	195	223	250	278	317
20°	56	76	99	121	145	178	210	241	273	308	352
17.5°	62	84	108	131	158	191	225	260	295	338	392
15°	67	90	116	142	171	204	240	278	319	369	431
12.5°	72	97	124	151	182	216	253	292	340	400	478
10°	77	102	132	160	191	227	264	305	356	422	512
7.5°	81	107	139	168	199	236	274	317	370	440	540
5°	85	113	144	173	206	243	282	326	381	454	562
2.5°	88	117	148	178	211	248	287	332	389	467	579
0°	91	121	151	182	215	251	290	336	393	478	590
-2.5°	94	125	155	185	219	254	294	339	399	481	593
-5°	96	128	157	188	222	256	296	341	401	482	594
-7.5°	98	130	159	190	224	258	297	343	403	481	594
-10°	99	132	161	192	226	260	297	342	400	476	584
-12.5°	100	132	162	193	227	260	296	339	395	467	565
-15°	102	132	162	192	226	260	294	334	386	455	541
-17.5°	102	132	161	191	224	258	290	329	378	442	524
-20°	102	131	160	188	222	255	287	325	370	427	500

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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°	101	130	157	185	218	251	283	318	360	408	474
-25°	100	128	155	183	213	245	277	310	350	395	451
-27.5°	97	126	153	179	208	238	270	302	338	380	428
-30°	93	122	149	175	203	232	261	293	325	365	409
-32.5°	89	118	144	170	198	225	252	282	314	348	387
-35°	85	113	139	164	192	218	243	270	301	332	366
-37.5°	83	107	133	157	183	209	233	258	286	317	347
-40°	79	101	127	150	174	200	224	246	271	301	330
-42.5°	76	97	120	143	166	189	214	235	259	286	314
-45°	73	93	114	136	158	179	202	225	248	272	298
-47.5°	69	88	108	128	150	171	191	213	236	259	282
-50°	64	82	101	120	140	162	182	201	222	245	267
-52.5°	59	76	94	111	130	150	171	190	209	228	250
-55°	53	69	86	102	119	137	157	177	196	214	233
-57.5°	48	62	77	93	108	124	143	162	180	199	217
-60°	43	54	68	83	98	113	129	147	164	181	198
-62.5°	38	48	59	72	87	102	116	131	147	162	177
-65°	34	42	51	63	75	88	101	116	130	142	154
-67.5°	29	36	44	53	63	74	85	98	111	122	133
-70°	25	30	36	44	52	61	71	81	91	101	111
-72.5°	21	25	30	35	42	50	58	66	74	83	92
-75°	17	20	24	29	34	40	47	54	61	67	74
-77.5°	13	16	19	22	26	31	36	42	47	53	59
-80°	9	12	15	17	20	23	27	30	34	39	43
-82.5°	6	8	10	12	14	16	18	20	23	26	29
-85°	3	5	6	7	8	9	10	11	13	15	17
-87.5°	2	2	3	3	4	4	4	4	5	6	7
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627134 (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	1	2	3	3	4	4	4	4	4	4
60°	8	8	11	14	13	10	15	17	16	14	14
57.5°	21	26	31	32	36	42	44	43	44	46	51
55°	37	41	44	50	57	62	67	70	74	77	82
52.5°	51	58	62	69	77	82	84	92	100	106	109
50°	72	79	87	96	103	111	117	125	135	146	152
47.5°	94	104	114	126	135	142	150	161	175	187	195
45°	116	126	139	151	161	170	182	196	210	223	232
42.5°	134	147	160	173	182	197	214	228	246	261	273
40°	156	168	188	201	213	229	254	275	295	314	326
37.5°	182	202	223	240	256	276	310	342	368	394	412
35°	213	237	264	282	306	344	385	430	475	511	543
32.5°	243	269	296	326	363	415	467	539	606	675	739
30°	269	299	332	370	429	503	587	698	817	937	1073
27.5°	297	330	370	430	520	620	776	950	1197	1397	1718
25°	328	365	418	515	639	815	1087	1397	1910	2347	2841
22.5°	365	422	497	618	826	1142	1566	2241	3028	3759	4456
20°	410	488	617	809	1107	1593	2397	3421	4515	5585	6619
17.5°	471	593	777	1052	1474	2496	3692	5155	7029	8436	9771
15°	525	681	959	1403	2197	3513	5184	7425	9948	12069	14468
12.5°	590	778	1113	1689	2824	4564	6694	9367	12352	15572	19330
10°	647	878	1309	2101	3479	5503	7890	11028	14862	19418	24167
7.5°	691	961	1473	2411	4030	6274	9121	12937	17793	23118	28534
5°	725	1025	1601	2653	4499	6899	10019	14448	19983	26094	31481
2.5°	751	1071	1687	2802	4816	7327	10634	15251	21323	28038	33693
0°	772	1098	1734	2908	4963	7529	10918	15575	21951	28990	34806
-2.5°	779	1113	1736	2871	4873	7517	10852	15376	21518	28612	34570
-5°	781	1106	1692	2795	4714	7247	10417	14621	20195	26849	32887
-7.5°	776	1076	1604	2608	4358	6771	9810	13500	18069	23936	30176
-10°	755	1024	1483	2354	3867	6028	8866	11983	15633	20423	25480
-12.5°	717	947	1318	1973	3289	5188	7700	10456	13301	16448	20608
-15°	672	868	1182	1743	2754	4304	6339	8667	11028	13438	15976
-17.5°	637	799	1043	1434	2115	3368	4995	6866	8781	10695	12404
-20°	594	718	908	1212	1706	2448	3672	5127	6558	8119	9429

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REPORT NUMBER: P627134 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3C-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°	555	660	803	994	1326	1849	2546	3571	4658	5792	6867
-25°	518	598	711	865	1063	1374	1834	2370	3133	3831	4629
-27.5°	487	554	631	744	895	1065	1348	1660	2061	2393	2926
-30°	457	511	574	647	757	887	1039	1228	1424	1620	1876
-32.5°	429	474	524	583	651	748	843	964	1071	1189	1311
-35°	402	442	483	529	582	646	717	797	868	939	1003
-37.5°	378	411	447	484	526	571	626	683	731	777	817
-40°	358	386	416	447	480	516	560	601	634	664	689
-42.5°	340	365	388	414	442	475	509	541	563	584	600
-45°	323	344	365	387	410	439	467	492	510	525	538
-47.5°	304	324	343	363	385	408	431	449	465	478	487
-50°	287	305	323	339	359	379	399	415	428	440	446
-52.5°	269	287	304	321	337	353	369	384	398	410	414
-55°	252	269	285	301	316	331	346	359	371	383	386
-57.5°	235	253	270	282	295	309	323	336	347	358	362
-60°	216	234	248	261	274	286	298	310	322	332	336
-62.5°	193	209	223	235	246	258	268	279	289	298	303
-65°	166	180	193	205	216	226	236	245	254	261	265
-67.5°	143	153	164	175	185	195	204	213	220	226	230
-70°	120	130	139	149	159	167	175	183	190	195	199
-72.5°	100	108	117	126	134	141	148	155	161	165	169
-75°	81	88	96	103	110	116	122	127	132	136	139
-77.5°	64	70	75	81	86	91	96	100	104	107	110
-80°	48	52	56	60	64	68	71	74	78	81	83
-82.5°	32	36	39	42	45	47	49	51	52	54	56
-85°	19	21	23	25	27	28	29	31	32	33	34
-87.5°	7	8	9	10	11	11	11	12	12	13	13
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627134 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-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	3	3	3	3	3	4	4	4	4	4
60°	13	12	12	12	12	12	13	14	14	16	17
57.5°	56	60	63	64	63	60	56	51	46	44	43
55°	86	89	89	88	89	89	86	82	77	74	70
52.5°	111	111	110	109	110	111	111	109	106	100	92
50°	154	153	154	154	154	153	154	152	146	135	125
47.5°	198	200	201	200	201	200	198	195	187	175	161
45°	236	239	240	239	240	239	236	232	223	210	196
42.5°	278	280	280	281	280	280	278	273	261	246	228
40°	332	334	334	333	334	334	332	326	314	295	275
37.5°	425	431	434	442	434	431	425	412	394	368	342
35°	568	584	592	605	592	584	568	543	511	475	430
32.5°	785	817	833	850	833	817	785	739	675	606	539
30°	1167	1229	1255	1301	1255	1229	1167	1073	937	817	698
27.5°	1954	2102	2160	2282	2160	2102	1954	1718	1397	1197	950
25°	3291	3610	3786	3925	3786	3610	3291	2841	2347	1910	1397
22.5°	5159	5627	5877	6061	5877	5627	5159	4456	3759	3028	2241
20°	7556	8173	8542	8809	8542	8173	7556	6619	5585	4515	3421
17.5°	11484	12454	13021	13508	13021	12454	11484	9771	8436	7029	5155
15°	17145	19094	20608	21452	20608	19094	17145	14468	12069	9948	7425
12.5°	22652	25506	27202	27982	27202	25506	22652	19330	15572	12352	9367
10°	28098	30789	32402	32688	32402	30789	28098	24167	19418	14862	11028
7.5°	32267	35227	37371	38150	37371	35227	32267	28534	23118	17793	12937
5°	35949	39415	41684	41972	41684	39415	35949	31481	26094	19983	14448
2.5°	38658	42426	44626	45382	44626	42426	38658	33693	28038	21323	15251
0°	39968	44026	46474	47576	46474	44026	39968	34806	28990	21951	15575
-2.5°	39693	43890	46622	48060	46622	43890	39693	34570	28612	21518	15376
-5°	38183	42393	44941	46468	44941	42393	38183	32887	26849	20195	14621
-7.5°	34703	38639	41352	42761	41352	38639	34703	30176	23936	18069	13500
-10°	30218	33550	36022	37224	36022	33550	30218	25480	20423	15633	11983
-12.5°	24391	27622	29853	30702	29853	27622	24391	20608	16448	13301	10456
-15°	18688	21154	22739	23240	22739	21154	18688	15976	13438	11028	8667
-17.5°	14172	15500	16391	16631	16391	15500	14172	12404	10695	8781	6866
-20°	10617	11440	12019	12156	12019	11440	10617	9429	8119	6558	5127

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REPORT NUMBER: P627134 (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°	7736	8355	8822	8915	8822	8355	7736	6867	5792	4658	3571
-25°	5336	5854	6170	6194	6170	5854	5336	4629	3831	3133	2370
-27.5°	3346	3630	3776	3828	3776	3630	3346	2926	2393	2061	1660
-30°	2067	2198	2267	2270	2267	2198	2067	1876	1620	1424	1228
-32.5°	1403	1467	1501	1501	1501	1467	1403	1311	1189	1071	964
-35°	1051	1084	1103	1105	1103	1084	1051	1003	939	868	797
-37.5°	845	863	873	875	873	863	845	817	777	731	683
-40°	707	719	727	732	727	719	707	689	664	634	601
-42.5°	611	620	623	620	623	620	611	600	584	563	541
-45°	545	549	553	554	553	549	545	538	525	510	492
-47.5°	492	494	495	496	495	494	492	487	478	465	449
-50°	450	452	452	451	452	452	450	446	440	428	415
-52.5°	416	417	417	418	417	417	416	414	410	398	384
-55°	388	389	390	390	390	389	388	386	383	371	359
-57.5°	365	368	368	366	368	368	365	362	358	347	336
-60°	340	343	345	345	345	343	340	336	332	322	310
-62.5°	307	310	311	312	311	310	307	303	298	289	279
-65°	268	271	275	278	275	271	268	265	261	254	245
-67.5°	233	235	239	242	239	235	233	230	226	220	213
-70°	202	205	206	206	206	205	202	199	195	190	183
-72.5°	172	175	175	176	175	175	172	169	165	161	155
-75°	142	144	145	145	145	144	142	139	136	132	127
-77.5°	112	114	115	115	115	114	112	110	107	104	100
-80°	85	87	86	85	86	87	85	83	81	78	74
-82.5°	58	60	59	58	59	60	58	56	54	52	51
-85°	35	36	35	33	35	36	35	34	33	32	31
-87.5°	14	15	14	12	14	15	14	13	13	12	12
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627134 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-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°	4	4	3	3	2	1	1	1	1	0	1
60°	15	10	13	14	11	8	8	6	3	3	2
57.5°	44	42	36	32	31	26	21	17	14	10	6
55°	67	62	57	50	44	41	37	32	27	20	15
52.5°	84	82	77	69	62	58	51	46	40	34	27
50°	117	111	103	96	87	79	72	63	54	48	41
47.5°	150	142	135	126	114	104	94	84	72	61	54
45°	182	170	161	151	139	126	116	104	91	78	66
42.5°	214	197	182	173	160	147	134	123	109	95	82
40°	254	229	213	201	188	168	156	143	128	111	98
37.5°	310	276	256	240	223	202	182	166	149	131	115
35°	385	344	306	282	264	237	213	192	172	153	133
32.5°	467	415	363	326	296	269	243	219	195	174	153
30°	587	503	429	370	332	299	269	243	217	193	172
27.5°	776	620	520	430	370	330	297	266	237	212	189
25°	1087	815	639	515	418	365	328	291	258	229	205
22.5°	1566	1142	826	618	497	422	365	317	278	250	223
20°	2397	1593	1107	809	617	488	410	352	308	273	241
17.5°	3692	2496	1474	1052	777	593	471	392	338	295	260
15°	5184	3513	2197	1403	959	681	525	431	369	319	278
12.5°	6694	4564	2824	1689	1113	778	590	478	400	340	292
10°	7890	5503	3479	2101	1309	878	647	512	422	356	305
7.5°	9121	6274	4030	2411	1473	961	691	540	440	370	317
5°	10019	6899	4499	2653	1601	1025	725	562	454	381	326
2.5°	10634	7327	4816	2802	1687	1071	751	579	467	389	332
0°	10918	7529	4963	2908	1734	1098	772	590	478	393	336
-2.5°	10852	7517	4873	2871	1736	1113	779	593	481	399	339
-5°	10417	7247	4714	2795	1692	1106	781	594	482	401	341
-7.5°	9810	6771	4358	2608	1604	1076	776	594	481	403	343
-10°	8866	6028	3867	2354	1483	1024	755	584	476	400	342
-12.5°	7700	5188	3289	1973	1318	947	717	565	467	395	339
-15°	6339	4304	2754	1743	1182	868	672	541	455	386	334
-17.5°	4995	3368	2115	1434	1043	799	637	524	442	378	329
-20°	3672	2448	1706	1212	908	718	594	500	427	370	325

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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°	2546	1849	1326	994	803	660	555	474	408	360	318
-25°	1834	1374	1063	865	711	598	518	451	395	350	310
-27.5°	1348	1065	895	744	631	554	487	428	380	338	302
-30°	1039	887	757	647	574	511	457	409	365	325	293
-32.5°	843	748	651	583	524	474	429	387	348	314	282
-35°	717	646	582	529	483	442	402	366	332	301	270
-37.5°	626	571	526	484	447	411	378	347	317	286	258
-40°	560	516	480	447	416	386	358	330	301	271	246
-42.5°	509	475	442	414	388	365	340	314	286	259	235
-45°	467	439	410	387	365	344	323	298	272	248	225
-47.5°	431	408	385	363	343	324	304	282	259	236	213
-50°	399	379	359	339	323	305	287	267	245	222	201
-52.5°	369	353	337	321	304	287	269	250	228	209	190
-55°	346	331	316	301	285	269	252	233	214	196	177
-57.5°	323	309	295	282	270	253	235	217	199	180	162
-60°	298	286	274	261	248	234	216	198	181	164	147
-62.5°	268	258	246	235	223	209	193	177	162	147	131
-65°	236	226	216	205	193	180	166	154	142	130	116
-67.5°	204	195	185	175	164	153	143	133	122	111	98
-70°	175	167	159	149	139	130	120	111	101	91	81
-72.5°	148	141	134	126	117	108	100	92	83	74	66
-75°	122	116	110	103	96	88	81	74	67	61	54
-77.5°	96	91	86	81	75	70	64	59	53	47	42
-80°	71	68	64	60	56	52	48	43	39	34	30
-82.5°	49	47	45	42	39	36	32	29	26	23	20
-85°	29	28	27	25	23	21	19	17	15	13	11
-87.5°	11	11	11	10	9	8	7	7	6	5	4
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627134 (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°	0	0	0	0	0	0	0	0	0	0	0
60°	2	1	1	1	0	0	0	1	1	0	0
57.5°	5	3	2	2	1	1	0	1	1	1	0
55°	10	7	4	3	2	2	1	1	2	1	0
52.5°	19	13	9	5	3	3	2	1	2	2	1
50°	31	22	15	10	4	4	3	2	2	3	2
47.5°	46	34	23	16	9	5	4	3	2	3	2
45°	58	48	33	23	15	9	6	3	3	3	3
42.5°	70	60	47	30	22	14	8	5	3	3	3
40°	85	72	59	43	29	18	12	7	3	3	3
37.5°	100	86	71	54	37	25	16	10	4	4	3
35°	116	100	82	65	47	32	19	13	7	4	3
32.5°	131	113	93	75	56	39	24	16	10	6	3
30°	148	125	104	85	64	47	31	20	13	7	3
27.5°	165	137	114	94	73	54	38	24	15	9	4
25°	181	151	125	102	81	61	44	28	18	11	5
22.5°	195	165	135	110	91	68	50	34	22	13	6
20°	210	178	145	121	99	76	56	39	25	15	8
17.5°	225	191	158	131	108	84	62	44	28	17	9
15°	240	204	171	142	116	90	67	48	32	18	10
12.5°	253	216	182	151	124	97	72	52	35	20	12
10°	264	227	191	160	132	102	77	55	38	22	13
7.5°	274	236	199	168	139	107	81	59	41	23	15
5°	282	243	206	173	144	113	85	62	44	25	16
2.5°	287	248	211	178	148	117	88	64	46	26	17
0°	290	251	215	182	151	121	91	67	48	27	18
-2.5°	294	254	219	185	155	125	94	69	50	30	19
-5°	296	256	222	188	157	128	96	70	51	32	19
-7.5°	297	258	224	190	159	130	98	71	53	34	19
-10°	297	260	226	192	161	132	99	72	54	36	19
-12.5°	296	260	227	193	162	132	100	74	54	37	19
-15°	294	260	226	192	162	132	102	75	55	37	19
-17.5°	290	258	224	191	161	132	102	76	55	37	20
-20°	287	255	222	188	160	131	102	76	55	36	21

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REPORT NUMBER: P627134 (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°	283	251	218	185	157	130	101	75	55	35	22
-25°	277	245	213	183	155	128	100	73	53	34	22
-27.5°	270	238	208	179	153	126	97	71	52	33	23
-30°	261	232	203	175	149	122	93	69	50	33	23
-32.5°	252	225	198	170	144	118	89	66	48	33	22
-35°	243	218	192	164	139	113	85	63	46	33	22
-37.5°	233	209	183	157	133	107	83	61	44	32	21
-40°	224	200	174	150	127	101	79	59	43	31	21
-42.5°	214	189	166	143	120	97	76	57	42	30	20
-45°	202	179	158	136	114	93	73	55	40	29	19
-47.5°	191	171	150	128	108	88	69	52	37	27	18
-50°	182	162	140	120	101	82	64	48	36	26	17
-52.5°	171	150	130	111	94	76	59	44	33	24	16
-55°	157	137	119	102	86	69	53	41	31	22	14
-57.5°	143	124	108	93	77	62	48	37	28	20	13
-60°	129	113	98	83	68	54	43	33	25	18	12
-62.5°	116	102	87	72	59	48	38	30	22	16	11
-65°	101	88	75	63	51	42	34	26	20	14	10
-67.5°	85	74	63	53	44	36	29	23	17	12	9
-70°	71	61	52	44	36	30	25	20	15	11	8
-72.5°	58	50	42	35	30	25	21	17	13	9	7
-75°	47	40	34	29	24	20	17	13	10	8	6
-77.5°	36	31	26	22	19	16	13	10	8	6	5
-80°	27	23	20	17	15	12	9	7	6	5	4
-82.5°	18	16	14	12	10	8	6	5	4	3	3
-85°	10	9	8	7	6	5	3	3	2	2	2
-87.5°	4	4	4	3	3	2	2	1	1	1	1
-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: P627134 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3C-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	1	0	0	0	0	0
40°	2	2	0	0	0	0	0
37.5°	3	2	0	0	0	0	0
35°	3	2	1	0	0	0	0
32.5°	3	3	1	0	0	0	0
30°	3	3	1	0	0	0	0
27.5°	3	3	2	0	0	0	0
25°	3	3	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°	4	3	3	0	0	0	0
12.5°	4	3	3	0	0	0	0
10°	4	3	3	0	0	0	0
7.5°	5	3	3	0	0	0	0
5°	5	3	3	0	0	0	0
2.5°	6	3	3	0	0	0	0
0°	6	3	3	0	0	0	0
-2.5°	7	3	3	0	0	0	0
-5°	8	4	3	0	0	0	0
-7.5°	9	4	3	1	0	0	0
-10°	10	4	3	1	0	0	0
-12.5°	11	4	3	1	0	0	0
-15°	12	5	3	1	0	0	0
-17.5°	12	5	3	1	0	0	0
-20°	12	5	3	1	0	0	0

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REPORT NUMBER: P627134 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3C-727-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)