

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: P627016 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA2E-727-U-MWR-VSR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627016 (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: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2E-727-U-MWR-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (32) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12129.8 lumens
Efficiency: N/A
Efficacy: 96.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 16993.7 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 8124.5 lumens
Beam Efficiency: 67.0%

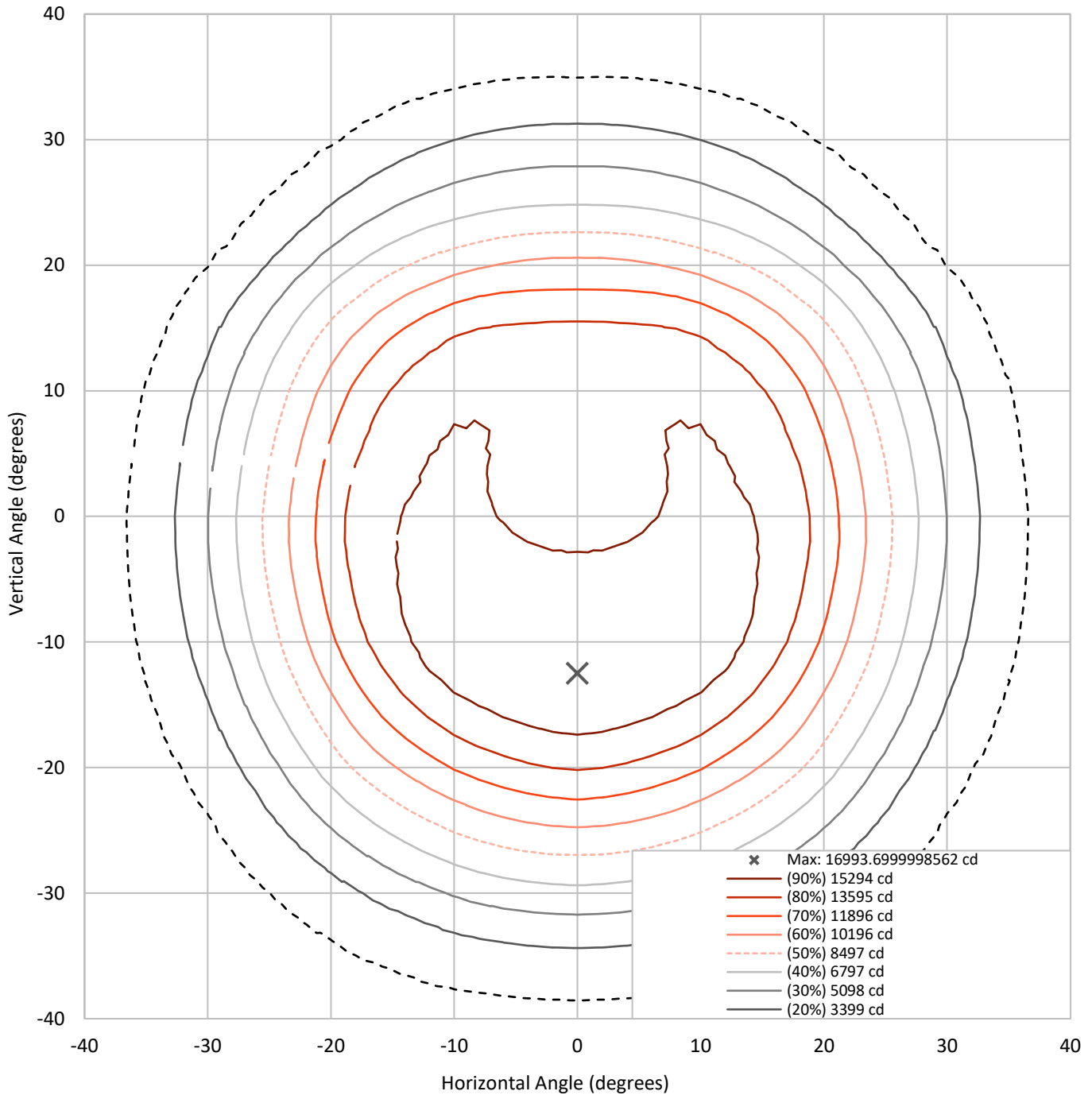
Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 10939 lumens
Field Efficiency: 90.2%

Input Watts (W): 125.71
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: P627016 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-727-U-MWR-VSR-XX

Iso-Candela Plot





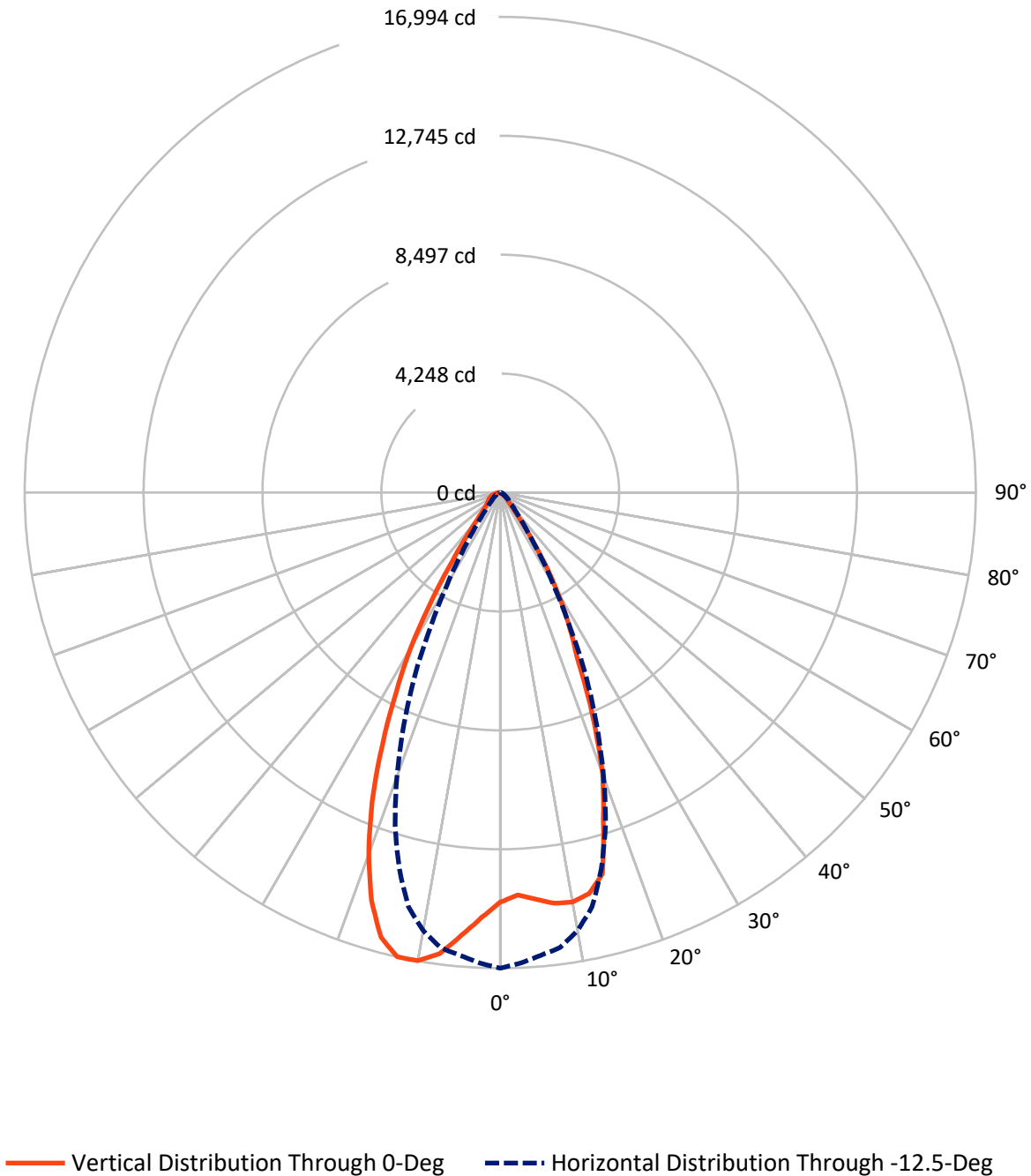
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Lumen Table

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	0.0	
70																			
60	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0				
50		0.0	0.1	0.4	1.0	1.7	2.3	2.7	2.7	2.3	1.7	1.0	0.4	0.1		0.0			
40	0.1	0.1	0.5	1.7	3.4	5.6	8.3	10.2	10.2	8.3	5.6	3.4	1.7	0.5	0.1				
30		0.2	1.3	3.5	7.3	15.7	35.8	54.7	54.7	35.8	15.7	7.3	3.5	1.3		0.2			
20	0.1	0.5	2.3	5.7	15.2	56.4	145.2	203.0	203.0	145.2	56.4	15.2	5.7	2.3	0.1				
10		0.8	3.2	8.8	36.2	156.6	326.7	404.4	404.4	326.7	156.6	36.2	8.8	3.2		0.8			
0	0.3	1.1	3.9	11.3	57.7	230.6	421.2	456.6	456.6	421.2	230.6	57.7	11.3	3.9	0.3				
-10		1.2	4.3	12.1	60.3	238.1	436.3	484.6	484.6	436.3	238.1	60.3	12.1	4.3		1.2			
-20	0.3	1.3	4.4	11.0	43.2	177.3	368.1	470.0	470.0	368.1	177.3	43.2	11.0	4.4	0.3				
-30		1.3	4.2	9.1	24.1	86.0	205.1	288.6	288.6	205.1	86.0	24.1	9.1	4.2		1.3			
-40	0.3	1.1	3.7	7.6	14.4	30.6	64.1	95.1	95.1	64.1	30.6	14.4	7.6	3.7	0.3				
-50		0.9	3.1	6.3	10.5	15.5	21.9	25.9	25.9	21.9	15.5	10.5	6.3	3.1		0.9			
-60	0.2	0.7	2.3	5.0	8.3	11.5	14.3	15.6	15.6	14.3	11.5	8.3	5.0	2.3	0.2				
-70		0.5	1.5	3.4	5.8	8.2	10.4	11.6	11.6	10.4	8.2	5.8	3.4	1.5		0.5			
-80	0.1	1.3	6.1	13.0	16.7	13.0	6.1	1.3	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

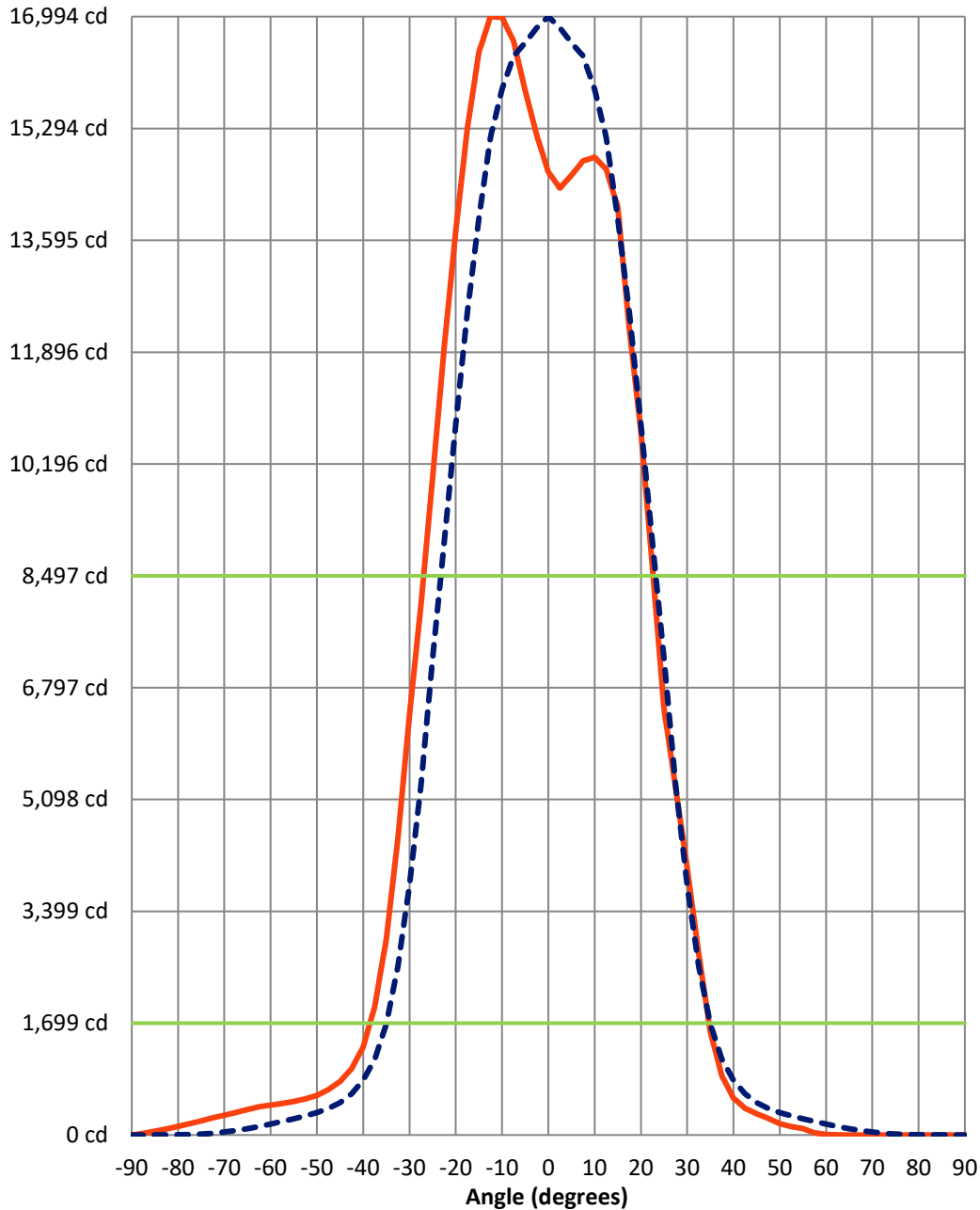
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 8124.5
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 10939
 Efficiency: 90.2%

Spill:
 Lumens: 1190.8
 Efficiency: 9.8%

— 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	1	1	1	2
60°	0	0	0	1	2	1	1	1	2	2	3
57.5°	0	0	0	1	2	1	1	2	2	2	3
55°	0	0	0	2	2	1	2	3	3	3	3
52.5°	0	0	1	2	2	1	2	3	3	3	3
50°	0	0	1	2	2	2	2	3	3	3	3
47.5°	0	0	1	3	2	2	3	3	3	3	4
45°	0	0	1	3	2	2	3	3	3	3	5
42.5°	0	0	1	3	2	2	3	4	3	4	6
40°	0	0	1	3	2	3	4	4	4	5	7
37.5°	0	0	2	3	3	3	4	4	5	6	8
35°	0	0	2	3	3	3	4	4	6	8	10
32.5°	0	0	2	3	3	3	5	4	7	10	17
30°	0	0	2	3	3	4	5	5	8	12	22
27.5°	0	0	2	3	3	4	5	6	9	15	28
25°	0	0	2	3	3	4	5	6	11	19	32
22.5°	0	0	2	3	3	5	5	7	13	23	38
20°	0	0	2	3	3	5	6	8	16	27	44
17.5°	0	0	3	3	3	5	6	9	18	30	50
15°	0	0	3	3	3	5	6	10	21	33	56
12.5°	0	0	3	3	3	5	6	12	23	36	62
10°	0	0	3	3	3	5	7	14	25	40	68
7.5°	0	0	3	3	3	5	7	16	27	45	72
5°	0	0	3	3	3	6	8	18	28	50	76
2.5°	0	0	3	3	3	6	8	20	30	54	79
0°	0	0	3	3	3	6	8	22	31	58	81
-2.5°	0	0	3	3	3	6	10	23	35	61	85
-5°	0	0	3	3	3	6	11	24	38	63	89
-7.5°	0	0	3	3	4	6	13	24	41	65	92
-10°	0	0	3	3	4	7	14	25	44	67	94
-12.5°	0	0	3	3	4	7	15	25	46	68	96
-15°	0	0	3	3	4	7	15	25	47	69	97
-17.5°	0	0	3	3	4	7	16	26	46	69	97
-20°	0	0	3	3	4	7	16	27	46	69	96

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REPORT NUMBER: P627016 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-727-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	3	3	4	7	16	28	45	68	93
-25°	0	1	2	3	4	8	16	28	44	67	90
-27.5°	0	1	2	3	4	8	16	28	43	65	88
-30°	0	1	2	3	4	9	16	28	43	63	85
-32.5°	0	1	2	3	4	9	15	27	42	61	82
-35°	0	1	2	3	4	9	15	26	41	59	78
-37.5°	0	1	2	3	5	9	15	26	39	57	77
-40°	0	1	2	3	5	9	15	25	37	55	75
-42.5°	0	1	2	3	5	9	15	23	35	52	73
-45°	0	1	2	3	5	9	15	23	33	49	69
-47.5°	0	1	2	3	5	9	14	22	32	45	65
-50°	0	1	2	3	5	9	14	21	30	43	60
-52.5°	0	1	2	3	5	8	14	20	29	41	55
-55°	0	1	2	3	5	8	13	19	27	38	52
-57.5°	0	1	2	3	5	8	12	18	26	36	48
-60°	0	1	2	3	5	8	12	17	24	33	44
-62.5°	0	1	2	3	5	7	11	16	22	30	40
-65°	0	1	2	3	5	7	10	14	20	28	36
-67.5°	0	0	2	3	5	6	9	13	18	24	32
-70°	0	0	2	3	4	6	8	12	16	21	28
-72.5°	0	0	2	3	4	6	7	10	14	18	23
-75°	0	0	1	3	4	5	7	9	11	15	19
-77.5°	0	0	1	2	4	5	6	8	10	12	15
-80°	0	0	1	2	3	4	6	7	8	10	12
-82.5°	0	0	1	1	2	3	4	6	7	8	10
-85°	0	0	0	1	1	2	3	4	5	6	7
-87.5°	0	0	0	0	1	1	1	2	2	3	4
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627016 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-727-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°	3	2	2	1	2	2	2	1	0	1	1
60°	3	2	2	2	3	3	2	2	2	3	7
57.5°	3	3	3	3	3	3	3	4	10	17	18
55°	3	3	3	4	4	5	7	16	23	29	31
52.5°	3	3	4	5	6	11	19	28	36	42	49
50°	4	5	6	8	12	22	32	43	52	61	72
47.5°	5	6	8	12	23	35	48	61	72	84	100
45°	6	9	12	21	34	50	66	80	92	107	120
42.5°	7	14	20	31	49	67	85	97	110	126	144
40°	12	19	29	45	64	87	102	115	129	151	173
37.5°	17	27	39	59	83	104	120	135	155	181	207
35°	23	34	52	75	101	120	138	157	185	214	245
32.5°	30	41	64	90	115	136	155	184	213	245	288
30°	36	52	77	105	128	150	178	209	238	278	328
27.5°	42	63	90	117	141	164	200	231	264	309	369
25°	50	74	102	128	153	182	221	254	288	346	426
22.5°	58	85	113	139	164	201	243	284	329	386	485
20°	67	95	124	151	175	219	267	317	377	457	587
17.5°	76	104	134	163	194	239	292	351	426	525	717
15°	84	112	144	176	212	259	317	390	480	604	842
12.5°	91	120	153	188	227	277	339	418	526	703	1003
10°	97	126	163	200	241	293	358	442	562	774	1122
7.5°	102	133	171	211	253	307	375	462	595	830	1216
5°	107	141	178	219	262	318	388	477	622	871	1288
2.5°	111	149	185	226	268	327	399	491	648	904	1349
0°	114	156	189	231	273	334	407	501	669	928	1396
-2.5°	118	160	196	236	281	339	410	509	675	931	1386
-5°	121	162	202	239	287	342	411	512	674	924	1358
-7.5°	124	164	206	242	290	343	412	510	667	908	1312
-10°	126	165	207	245	291	343	410	504	652	878	1242
-12.5°	129	167	207	246	291	341	404	493	627	834	1152
-15°	131	168	207	246	290	338	396	477	593	774	1041
-17.5°	131	168	206	244	287	332	384	458	563	721	961
-20°	131	168	205	240	284	327	376	443	537	671	864

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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°	130	166	203	236	278	321	367	426	504	614	770
-25°	127	164	201	234	272	314	355	407	475	572	702
-27.5°	123	161	196	231	265	306	344	391	451	526	630
-30°	117	156	191	226	260	297	334	374	427	492	575
-32.5°	111	151	185	219	253	289	324	361	405	460	525
-35°	106	144	179	211	245	279	313	347	384	432	488
-37.5°	104	137	173	202	235	268	301	333	368	405	456
-40°	101	130	165	195	224	257	288	319	351	389	428
-42.5°	96	126	157	188	216	245	276	305	337	372	408
-45°	92	120	150	178	206	234	263	291	322	355	389
-47.5°	87	113	142	167	194	222	250	278	305	336	369
-50°	81	105	132	156	180	208	236	264	291	317	345
-52.5°	74	96	121	145	167	191	219	248	274	300	325
-55°	67	87	110	134	156	176	201	230	256	281	307
-57.5°	62	79	99	122	144	165	188	212	238	262	288
-60°	57	71	88	109	131	152	174	196	220	244	266
-62.5°	51	64	78	95	115	137	157	178	201	221	241
-65°	46	56	68	83	99	118	138	158	178	196	213
-67.5°	41	50	59	70	84	100	116	135	153	171	187
-70°	35	43	51	60	71	84	99	113	128	144	160
-72.5°	29	36	43	51	60	71	82	94	107	121	134
-75°	24	29	36	42	50	58	68	78	89	99	111
-77.5°	19	24	28	33	39	46	54	62	70	79	87
-80°	15	18	22	26	30	35	41	46	52	59	67
-82.5°	12	14	16	19	22	25	29	33	37	42	48
-85°	8	10	11	13	14	16	19	21	24	27	30
-87.5°	4	5	6	6	7	8	9	10	11	13	14
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627016 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	1	1	1	1	1	1	1	2	2	2	2
60°	7	5	7	9	9	7	10	11	10	8	9
57.5°	19	21	24	28	31	33	36	39	41	42	43
55°	36	43	50	54	60	69	77	78	79	81	86
52.5°	57	66	69	76	88	95	99	106	112	119	125
50°	83	90	99	109	121	128	130	142	156	167	174
47.5°	109	119	134	153	163	171	182	197	213	229	242
45°	134	151	170	187	200	214	230	248	272	295	312
42.5°	161	180	200	219	234	258	285	306	341	371	391
40°	194	212	241	264	294	324	371	415	458	509	546
37.5°	232	261	301	339	383	428	512	598	668	767	822
35°	279	324	380	437	507	615	738	904	1076	1220	1359
32.5°	332	390	468	570	687	860	1045	1351	1649	1947	2239
30°	385	469	588	728	921	1194	1542	2015	2527	2976	3382
27.5°	455	575	729	939	1266	1668	2309	2966	3619	4201	4619
25°	540	701	918	1266	1739	2404	3265	4070	4836	5407	5888
22.5°	664	904	1212	1656	2513	3439	4468	5481	6341	7061	7535
20°	816	1140	1657	2461	3469	4626	5951	7017	8076	8886	9609
17.5°	1031	1548	2277	3298	4503	6047	7411	8599	9944	10772	11510
15°	1225	1889	2929	4231	5643	7279	8888	10344	11642	12551	13376
12.5°	1470	2252	3447	4979	6523	8344	10017	11576	12847	13783	14360
10°	1689	2623	3964	5566	7295	9198	10932	12554	13785	14509	14933
7.5°	1866	2932	4384	6070	7895	9810	11641	13251	14430	15035	15325
5°	2003	3161	4712	6482	8378	10337	12206	13782	14775	15275	15437
2.5°	2106	3321	4933	6753	8704	10727	12635	14188	15035	15396	15450
0°	2176	3433	5077	6924	8983	10867	12867	14444	15249	15539	15567
-2.5°	2160	3392	5070	6862	8951	10929	12904	14461	15322	15712	15775
-5°	2116	3297	4902	6687	8696	10678	12561	14205	15262	15850	16111
-7.5°	2031	3132	4615	6351	8284	10267	12188	13893	15110	15937	16447
-10°	1886	2891	4247	5926	7831	9721	11620	13390	14700	15696	16406
-12.5°	1689	2564	3798	5325	7240	9004	10802	12498	13928	15156	15890
-15°	1486	2223	3332	4729	6396	8134	9795	11459	12871	14019	14934
-17.5°	1341	1925	2792	4015	5479	7127	8748	10276	11550	12630	13590
-20°	1158	1591	2278	3306	4595	6036	7588	8948	10086	11099	12015



REPORT NUMBER: P627016 (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°
-22.5°	1012	1363	1859	2560	3718	4989	6259	7511	8581	9482	10265
-25°	879	1126	1513	2084	2837	3934	5004	6061	7049	7887	8592
-27.5°	775	971	1229	1635	2207	2847	3785	4669	5518	6284	6948
-30°	680	827	1029	1283	1672	2148	2712	3372	4050	4654	5258
-32.5°	612	717	856	1044	1262	1603	1943	2388	2817	3258	3691
-35°	551	635	730	856	1005	1204	1429	1700	1929	2218	2484
-37.5°	509	569	641	720	827	938	1090	1255	1397	1558	1693
-40°	475	521	570	624	697	772	870	963	1053	1151	1224
-42.5°	445	483	518	560	603	663	729	787	841	899	947
-45°	423	450	479	511	544	587	634	677	713	745	771
-47.5°	398	423	448	473	501	533	563	591	621	646	664
-50°	374	398	421	443	467	492	516	538	559	578	589
-52.5°	350	376	398	418	438	459	479	499	517	534	541
-55°	332	356	378	396	414	431	449	467	485	501	505
-57.5°	313	337	358	375	391	406	423	440	457	472	476
-60°	290	315	334	350	366	383	398	414	429	442	448
-62.5°	263	285	303	318	333	347	364	380	396	409	417
-65°	231	250	267	283	297	310	326	342	356	368	376
-67.5°	203	218	232	246	260	274	288	302	316	326	333
-70°	175	189	202	215	227	240	252	264	275	284	291
-72.5°	148	160	172	183	194	205	215	225	235	243	249
-75°	122	133	143	152	162	170	178	186	194	200	206
-77.5°	96	105	113	121	130	136	143	149	154	160	165
-80°	74	80	86	92	98	103	108	113	117	122	126
-82.5°	53	57	61	65	69	73	76	80	83	86	89
-85°	34	36	38	40	43	45	47	49	51	53	55
-87.5°	16	17	18	19	20	21	22	23	24	25	26
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627016 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-727-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°	3	3	3	3	3	3	3	2	2	2	2
60°	9	8	8	8	8	8	9	9	8	10	11
57.5°	42	39	36	33	36	39	42	43	42	41	39
55°	91	96	98	98	98	96	91	86	81	79	78
52.5°	129	132	131	128	131	132	129	125	119	112	106
50°	177	177	176	173	176	177	177	174	167	156	142
47.5°	248	252	254	254	254	252	248	242	229	213	197
45°	319	322	324	323	324	322	319	312	295	272	248
42.5°	401	407	409	407	409	407	401	391	371	341	306
40°	568	575	572	563	572	575	568	546	509	458	415
37.5°	860	888	900	900	900	888	860	822	767	668	598
35°	1484	1583	1628	1572	1628	1583	1484	1359	1220	1076	904
32.5°	2478	2654	2753	2753	2753	2654	2478	2239	1947	1649	1351
30°	3689	3909	4033	4060	4033	3909	3689	3382	2976	2527	2015
27.5°	4946	5173	5292	5275	5292	5173	4946	4619	4201	3619	2966
25°	6206	6379	6478	6481	6478	6379	6206	5888	5407	4836	4070
22.5°	8069	8431	8581	8621	8581	8431	8069	7535	7061	6341	5481
20°	10099	10451	10677	10691	10677	10451	10099	9609	8886	8076	7017
17.5°	12033	12207	12240	12254	12240	12207	12033	11510	10772	9944	8599
15°	13856	13917	14078	14099	14078	13917	13856	13376	12551	11642	10344
12.5°	14722	14778	14750	14676	14750	14778	14722	14360	13783	12847	11576
10°	15194	15115	14998	14857	14998	15115	15194	14933	14509	13785	12554
7.5°	15301	15213	15006	14801	15006	15213	15301	15325	15035	14430	13251
5°	15352	15094	14833	14584	14833	15094	15352	15437	15275	14775	13782
2.5°	15322	15016	14657	14389	14657	15016	15322	15450	15396	15035	14188
0°	15419	15110	14734	14634	14734	15110	15419	15567	15539	15249	14444
-2.5°	15692	15441	15245	15191	15245	15441	15692	15775	15712	15322	14461
-5°	16181	16126	15792	15871	15792	16126	16181	16111	15850	15262	14205
-7.5°	16654	16576	16435	16617	16435	16576	16654	16447	15937	15110	13893
-10°	16780	16754	16820	16983	16820	16754	16780	16406	15696	14700	13390
-12.5°	16395	16597	16823	16994	16823	16597	16395	15890	15156	13928	12498
-15°	15535	15948	16287	16448	16287	15948	15535	14934	14019	12871	11459
-17.5°	14269	14776	15177	15291	15177	14776	14269	13590	12630	11550	10276
-20°	12710	13226	13591	13736	13591	13226	12710	12015	11099	10086	8948

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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°	10956	11459	11790	11964	11790	11459	10956	10265	9482	8581	7511
-25°	9176	9618	9912	9989	9912	9618	9176	8592	7887	7049	6061
-27.5°	7473	7829	8045	8069	8045	7829	7473	6948	6284	5518	4669
-30°	5760	6091	6278	6378	6278	6091	5760	5258	4654	4050	3372
-32.5°	4046	4308	4466	4508	4466	4308	4046	3691	3258	2817	2388
-35°	2697	2860	2961	2981	2961	2860	2697	2484	2218	1929	1700
-37.5°	1803	1883	1932	1956	1932	1883	1803	1693	1558	1397	1255
-40°	1278	1315	1336	1340	1336	1315	1278	1224	1151	1053	963
-42.5°	977	996	1006	1009	1006	996	977	947	899	841	787
-45°	790	803	811	814	811	803	790	771	745	713	677
-47.5°	676	684	689	691	689	684	676	664	646	621	591
-50°	596	601	603	602	603	601	596	589	578	559	538
-52.5°	546	549	550	549	550	549	546	541	534	517	499
-55°	509	511	511	510	511	511	509	505	501	485	467
-57.5°	480	483	482	479	482	483	480	476	472	457	440
-60°	452	455	456	454	456	455	452	448	442	429	414
-62.5°	424	429	430	429	430	429	424	417	409	396	380
-65°	383	390	390	387	390	390	383	376	368	356	342
-67.5°	339	344	344	343	344	344	339	333	326	316	302
-70°	297	302	302	301	302	302	297	291	284	275	264
-72.5°	255	260	262	262	262	260	255	249	243	235	225
-75°	211	216	216	215	216	216	211	206	200	194	186
-77.5°	170	175	174	173	174	175	170	165	160	154	149
-80°	129	133	132	131	132	133	129	126	122	117	113
-82.5°	92	94	93	92	93	94	92	89	86	83	80
-85°	57	58	58	59	58	58	57	55	53	51	49
-87.5°	27	28	26	25	26	28	27	26	25	24	23
-90°	0	0	0	0	0	0	0	0	0	0	0



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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°	10	7	9	9	7	5	7	7	3	2	2
57.5°	36	33	31	28	24	21	19	18	17	10	4
55°	77	69	60	54	50	43	36	31	29	23	16
52.5°	99	95	88	76	69	66	57	49	42	36	28
50°	130	128	121	109	99	90	83	72	61	52	43
47.5°	182	171	163	153	134	119	109	100	84	72	61
45°	230	214	200	187	170	151	134	120	107	92	80
42.5°	285	258	234	219	200	180	161	144	126	110	97
40°	371	324	294	264	241	212	194	173	151	129	115
37.5°	512	428	383	339	301	261	232	207	181	155	135
35°	738	615	507	437	380	324	279	245	214	185	157
32.5°	1045	860	687	570	468	390	332	288	245	213	184
30°	1542	1194	921	728	588	469	385	328	278	238	209
27.5°	2309	1668	1266	939	729	575	455	369	309	264	231
25°	3265	2404	1739	1266	918	701	540	426	346	288	254
22.5°	4468	3439	2513	1656	1212	904	664	485	386	329	284
20°	5951	4626	3469	2461	1657	1140	816	587	457	377	317
17.5°	7411	6047	4503	3298	2277	1548	1031	717	525	426	351
15°	8888	7279	5643	4231	2929	1889	1225	842	604	480	390
12.5°	10017	8344	6523	4979	3447	2252	1470	1003	703	526	418
10°	10932	9198	7295	5566	3964	2623	1689	1122	774	562	442
7.5°	11641	9810	7895	6070	4384	2932	1866	1216	830	595	462
5°	12206	10337	8378	6482	4712	3161	2003	1288	871	622	477
2.5°	12635	10727	8704	6753	4933	3321	2106	1349	904	648	491
0°	12867	10867	8983	6924	5077	3433	2176	1396	928	669	501
-2.5°	12904	10929	8951	6862	5070	3392	2160	1386	931	675	509
-5°	12561	10678	8696	6687	4902	3297	2116	1358	924	674	512
-7.5°	12188	10267	8284	6351	4615	3132	2031	1312	908	667	510
-10°	11620	9721	7831	5926	4247	2891	1886	1242	878	652	504
-12.5°	10802	9004	7240	5325	3798	2564	1689	1152	834	627	493
-15°	9795	8134	6396	4729	3332	2223	1486	1041	774	593	477
-17.5°	8748	7127	5479	4015	2792	1925	1341	961	721	563	458
-20°	7588	6036	4595	3306	2278	1591	1158	864	671	537	443

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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°	6259	4989	3718	2560	1859	1363	1012	770	614	504	426
-25°	5004	3934	2837	2084	1513	1126	879	702	572	475	407
-27.5°	3785	2847	2207	1635	1229	971	775	630	526	451	391
-30°	2712	2148	1672	1283	1029	827	680	575	492	427	374
-32.5°	1943	1603	1262	1044	856	717	612	525	460	405	361
-35°	1429	1204	1005	856	730	635	551	488	432	384	347
-37.5°	1090	938	827	720	641	569	509	456	405	368	333
-40°	870	772	697	624	570	521	475	428	389	351	319
-42.5°	729	663	603	560	518	483	445	408	372	337	305
-45°	634	587	544	511	479	450	423	389	355	322	291
-47.5°	563	533	501	473	448	423	398	369	336	305	278
-50°	516	492	467	443	421	398	374	345	317	291	264
-52.5°	479	459	438	418	398	376	350	325	300	274	248
-55°	449	431	414	396	378	356	332	307	281	256	230
-57.5°	423	406	391	375	358	337	313	288	262	238	212
-60°	398	383	366	350	334	315	290	266	244	220	196
-62.5°	364	347	333	318	303	285	263	241	221	201	178
-65°	326	310	297	283	267	250	231	213	196	178	158
-67.5°	288	274	260	246	232	218	203	187	171	153	135
-70°	252	240	227	215	202	189	175	160	144	128	113
-72.5°	215	205	194	183	172	160	148	134	121	107	94
-75°	178	170	162	152	143	133	122	111	99	89	78
-77.5°	143	136	130	121	113	105	96	87	79	70	62
-80°	108	103	98	92	86	80	74	67	59	52	46
-82.5°	76	73	69	65	61	57	53	48	42	37	33
-85°	47	45	43	40	38	36	34	30	27	24	21
-87.5°	22	21	20	19	18	17	16	14	13	11	10
-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°	2	2	2	1	2	2	3	2	1	1	1
60°	2	3	3	2	2	2	3	3	2	2	1
57.5°	3	3	3	3	3	3	3	3	2	2	2
55°	7	5	4	4	3	3	3	3	3	3	3
52.5°	19	11	6	5	4	3	3	3	3	3	3
50°	32	22	12	8	6	5	4	3	3	3	3
47.5°	48	35	23	12	8	6	5	4	3	3	3
45°	66	50	34	21	12	9	6	5	3	3	3
42.5°	85	67	49	31	20	14	7	6	4	3	4
40°	102	87	64	45	29	19	12	7	5	4	4
37.5°	120	104	83	59	39	27	17	8	6	5	4
35°	138	120	101	75	52	34	23	10	8	6	4
32.5°	155	136	115	90	64	41	30	17	10	7	4
30°	178	150	128	105	77	52	36	22	12	8	5
27.5°	200	164	141	117	90	63	42	28	15	9	6
25°	221	182	153	128	102	74	50	32	19	11	6
22.5°	243	201	164	139	113	85	58	38	23	13	7
20°	267	219	175	151	124	95	67	44	27	16	8
17.5°	292	239	194	163	134	104	76	50	30	18	9
15°	317	259	212	176	144	112	84	56	33	21	10
12.5°	339	277	227	188	153	120	91	62	36	23	12
10°	358	293	241	200	163	126	97	68	40	25	14
7.5°	375	307	253	211	171	133	102	72	45	27	16
5°	388	318	262	219	178	141	107	76	50	28	18
2.5°	399	327	268	226	185	149	111	79	54	30	20
0°	407	334	273	231	189	156	114	81	58	31	22
-2.5°	410	339	281	236	196	160	118	85	61	35	23
-5°	411	342	287	239	202	162	121	89	63	38	24
-7.5°	412	343	290	242	206	164	124	92	65	41	24
-10°	410	343	291	245	207	165	126	94	67	44	25
-12.5°	404	341	291	246	207	167	129	96	68	46	25
-15°	396	338	290	246	207	168	131	97	69	47	25
-17.5°	384	332	287	244	206	168	131	97	69	46	26
-20°	376	327	284	240	205	168	131	96	69	46	27

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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°	367	321	278	236	203	166	130	93	68	45	28
-25°	355	314	272	234	201	164	127	90	67	44	28
-27.5°	344	306	265	231	196	161	123	88	65	43	28
-30°	334	297	260	226	191	156	117	85	63	43	28
-32.5°	324	289	253	219	185	151	111	82	61	42	27
-35°	313	279	245	211	179	144	106	78	59	41	26
-37.5°	301	268	235	202	173	137	104	77	57	39	26
-40°	288	257	224	195	165	130	101	75	55	37	25
-42.5°	276	245	216	188	157	126	96	73	52	35	23
-45°	263	234	206	178	150	120	92	69	49	33	23
-47.5°	250	222	194	167	142	113	87	65	45	32	22
-50°	236	208	180	156	132	105	81	60	43	30	21
-52.5°	219	191	167	145	121	96	74	55	41	29	20
-55°	201	176	156	134	110	87	67	52	38	27	19
-57.5°	188	165	144	122	99	79	62	48	36	26	18
-60°	174	152	131	109	88	71	57	44	33	24	17
-62.5°	157	137	115	95	78	64	51	40	30	22	16
-65°	138	118	99	83	68	56	46	36	28	20	14
-67.5°	116	100	84	70	59	50	41	32	24	18	13
-70°	99	84	71	60	51	43	35	28	21	16	12
-72.5°	82	71	60	51	43	36	29	23	18	14	10
-75°	68	58	50	42	36	29	24	19	15	11	9
-77.5°	54	46	39	33	28	24	19	15	12	10	8
-80°	41	35	30	26	22	18	15	12	10	8	7
-82.5°	29	25	22	19	16	14	12	10	8	7	6
-85°	19	16	14	13	11	10	8	7	6	5	4
-87.5°	9	8	7	6	6	5	4	4	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: P627016 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-727-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°	1	1	2	1	0	0	0
57.5°	1	1	2	1	0	0	0
55°	2	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	3	1	0	0
45°	3	2	2	3	1	0	0
42.5°	3	2	2	3	1	0	0
40°	4	3	2	3	1	0	0
37.5°	4	3	3	3	2	0	0
35°	4	3	3	3	2	0	0
32.5°	5	3	3	3	2	0	0
30°	5	4	3	3	2	0	0
27.5°	5	4	3	3	2	0	0
25°	5	4	3	3	2	0	0
22.5°	5	5	3	3	2	0	0
20°	6	5	3	3	2	0	0
17.5°	6	5	3	3	3	0	0
15°	6	5	3	3	3	0	0
12.5°	6	5	3	3	3	0	0
10°	7	5	3	3	3	0	0
7.5°	7	5	3	3	3	0	0
5°	8	6	3	3	3	0	0
2.5°	8	6	3	3	3	0	0
0°	8	6	3	3	3	0	0
-2.5°	10	6	3	3	3	0	0
-5°	11	6	3	3	3	0	0
-7.5°	13	6	4	3	3	0	0
-10°	14	7	4	3	3	0	0
-12.5°	15	7	4	3	3	0	0
-15°	15	7	4	3	3	0	0
-17.5°	16	7	4	3	3	0	0
-20°	16	7	4	3	3	0	0

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REPORT NUMBER: P627016 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-727-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

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