

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: P627196 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA3D-727-U-MWR-VSR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627196 (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-SA3D-727-U-MWR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (48) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17068.8 lumens
Efficiency: N/A
Efficacy: 106.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 23913.2 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 11432.6 lumens
Beam Efficiency: 67.0%

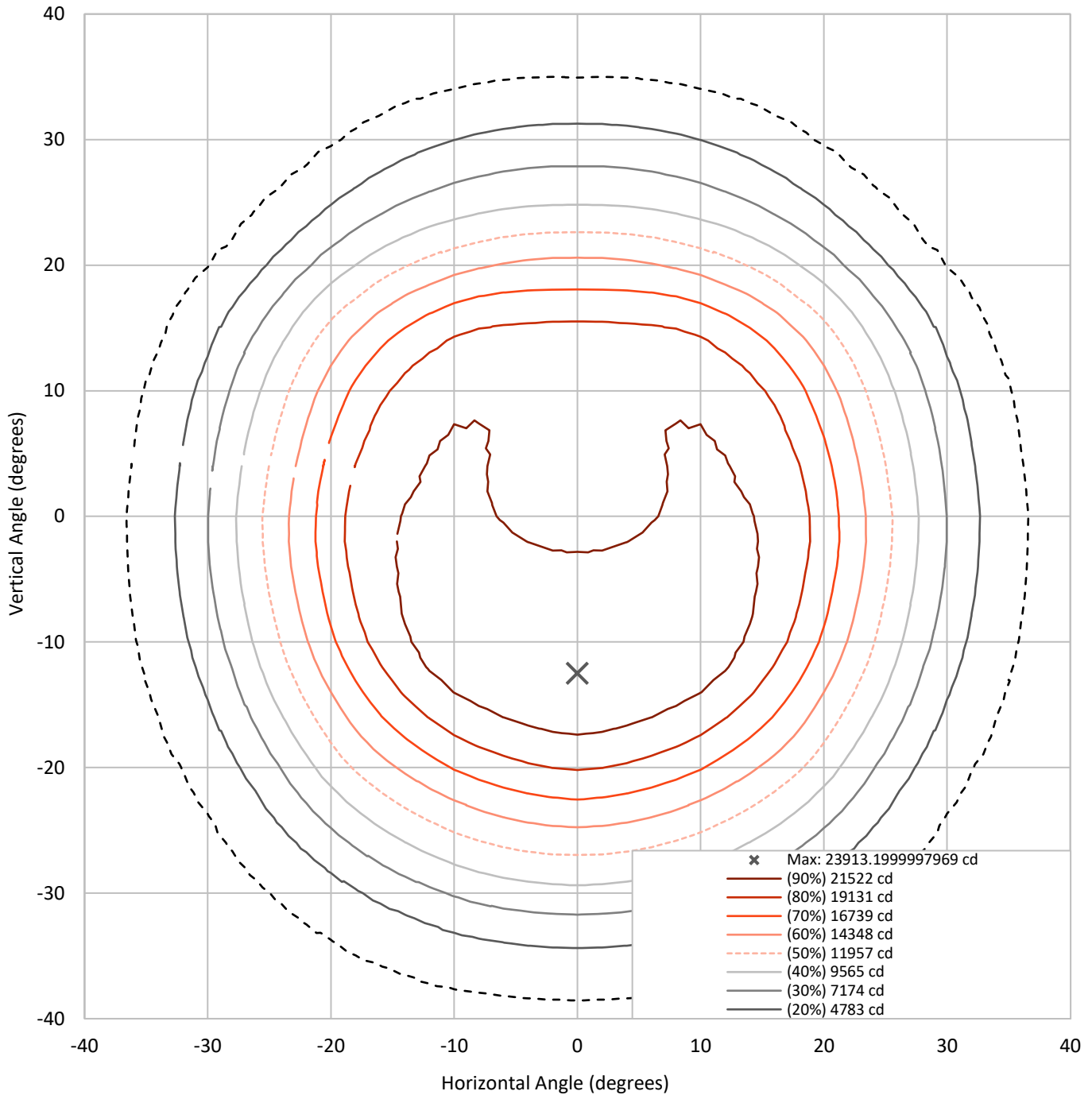
Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 15384.9 lumens
Field Efficiency: 90.1%

Input Watts (W): 160.2
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: P627196 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





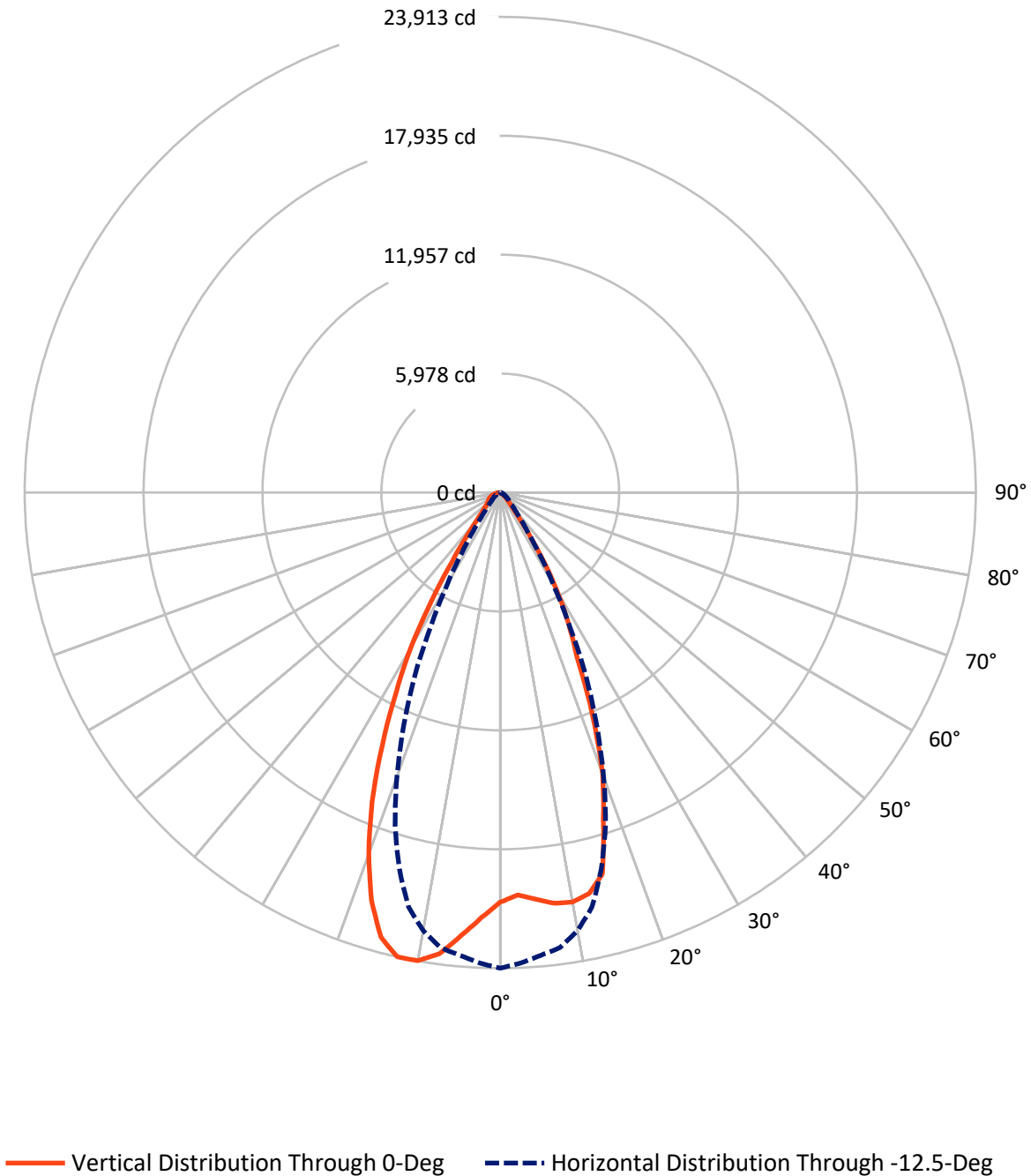
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Lumen Table

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	0.0	0.0	0.0	0.0	0.0	0.0				
50		0.1	0.1	0.6	1.4	2.3	3.3	3.8	3.8	3.3	2.3	1.4	0.6	0.1		0.1			
40	0.1	0.1	0.7	2.4	4.8	7.8	11.7	14.4	14.4	11.7	7.8	4.8	2.4	0.7	0.1				
30		0.3	1.9	4.9	10.2	22.2	50.4	76.9	76.9	50.4	22.2	10.2	4.9	1.9		0.3			
20	0.2	0.7	3.2	8.0	21.4	79.4	204.3	285.6	285.6	204.3	79.4	21.4	8.0	3.2	0.2				
10		1.1	4.5	12.3	51.0	220.3	459.7	569.1	569.1	459.7	220.3	51.0	12.3	4.5		1.1			
0	0.4	1.5	5.5	15.9	81.2	324.5	592.7	642.5	642.5	592.7	324.5	81.2	15.9	5.5	0.4				
-10		1.7	6.1	17.0	84.9	335.1	614.0	682.0	682.0	614.0	335.1	84.9	17.0	6.1		1.7			
-20	0.5	1.9	6.2	15.5	60.7	249.5	518.0	661.4	661.4	518.0	249.5	60.7	15.5	6.2	0.5				
-30		1.8	5.9	12.9	34.0	121.0	288.6	406.2	406.2	288.6	121.0	34.0	12.9	5.9		1.8			
-40	0.4	1.6	5.2	10.7	20.3	43.1	90.2	133.8	133.8	90.2	43.1	20.3	10.7	5.2	0.4				
-50		1.3	4.4	8.9	14.8	21.9	30.8	36.5	36.5	30.8	21.9	14.8	8.9	4.4		1.3			
-60	0.3	1.0	3.3	7.0	11.6	16.1	20.1	22.0	22.0	20.1	16.1	11.6	7.0	3.3	0.3				
-70		0.7	2.1	4.8	8.2	11.5	14.6	16.3	16.3	14.6	11.5	8.2	4.8	2.1		0.7			
-80	0.1	1.9	8.6	18.3	23.5	18.3	8.6	1.9	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

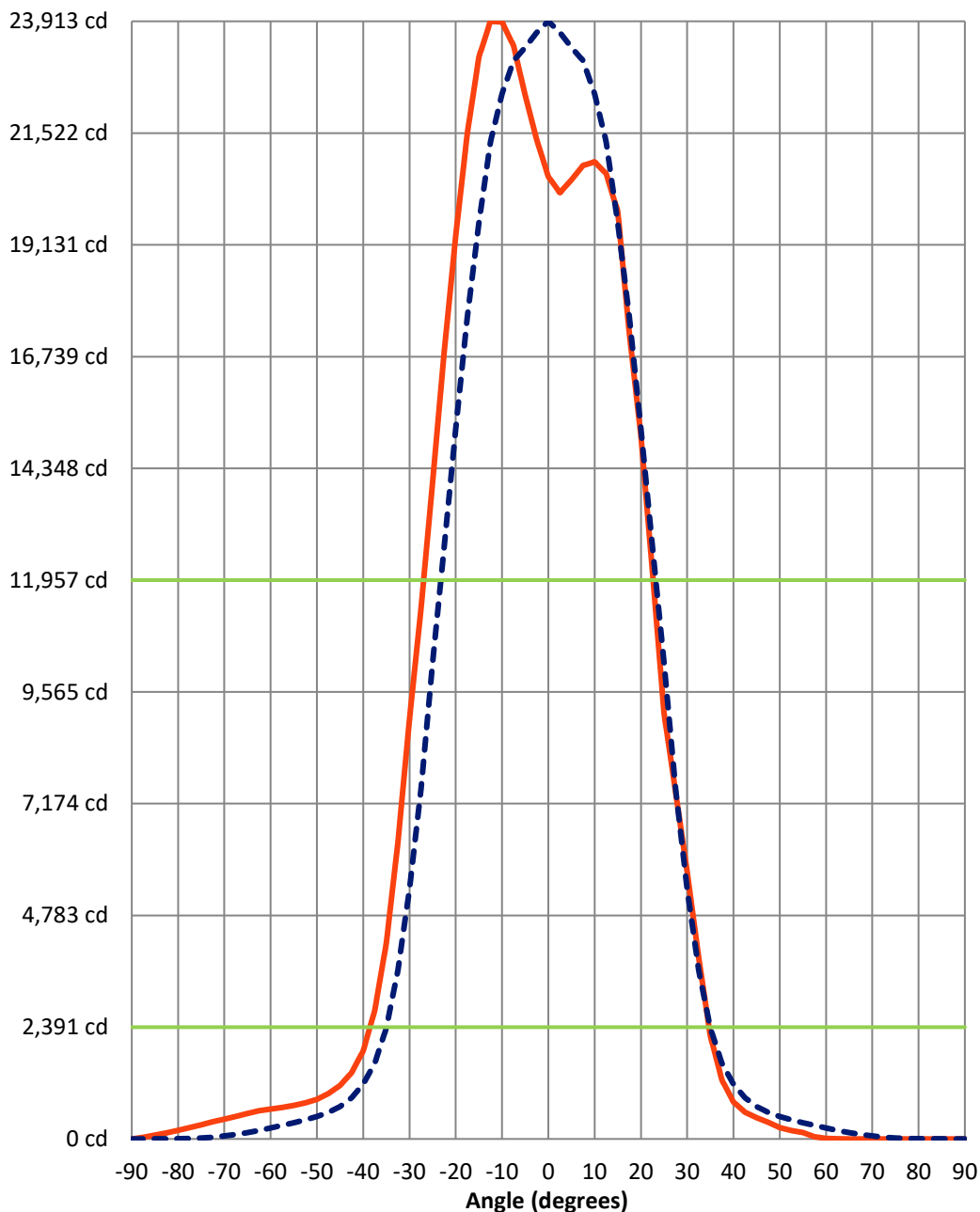
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 11432.6
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 15384.9
 Efficiency: 90.1%

Spill:
 Lumens: 1683.9
 Efficiency: 9.9%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through -12.5-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	1	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	1	0
65°	0	0	0	1	2	1	1	0	1	1	1
62.5°	0	0	0	1	2	2	1	1	2	2	2
60°	0	0	0	2	2	2	1	2	3	3	4
57.5°	0	0	0	2	3	2	1	3	3	3	4
55°	0	0	1	2	3	2	2	4	4	4	4
52.5°	0	0	1	3	3	2	3	4	4	4	4
50°	0	0	1	3	3	2	3	4	4	4	5
47.5°	0	0	1	4	3	3	4	4	4	4	5
45°	0	0	2	4	3	3	4	5	4	5	6
42.5°	0	0	2	4	3	3	5	5	4	6	8
40°	0	0	2	4	3	4	5	5	5	7	9
37.5°	0	0	2	4	4	4	6	6	6	9	11
35°	0	0	2	4	4	4	6	6	8	11	15
32.5°	0	0	3	4	4	5	7	6	9	14	23
30°	0	0	3	4	4	5	7	6	11	17	31
27.5°	0	0	3	4	4	5	7	8	13	21	39
25°	0	0	3	4	4	6	7	9	16	26	46
22.5°	0	0	3	4	4	6	7	10	19	32	54
20°	0	0	3	4	4	7	8	12	22	38	62
17.5°	0	0	4	4	4	7	8	13	26	42	71
15°	0	0	4	4	4	7	8	15	29	47	79
12.5°	0	0	4	4	4	7	9	17	32	50	87
10°	0	0	4	4	4	7	9	20	35	56	95
7.5°	0	0	4	4	4	8	10	23	38	63	102
5°	0	0	4	4	4	8	11	26	40	70	107
2.5°	0	0	4	4	4	8	11	29	42	76	111
0°	0	0	4	4	4	8	12	31	43	82	114
-2.5°	0	0	4	4	4	8	14	33	49	86	120
-5°	0	0	4	4	5	9	16	33	54	89	125
-7.5°	0	0	4	4	5	9	18	34	58	92	129
-10°	0	0	4	4	5	9	19	35	62	94	133
-12.5°	0	0	4	4	5	10	20	35	65	96	135
-15°	0	0	4	4	6	10	21	36	66	97	137
-17.5°	0	1	4	4	6	10	22	37	65	97	137
-20°	0	1	4	4	6	10	22	38	65	97	135

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REPORT NUMBER: P627196 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-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	1	4	4	6	10	22	39	64	96	132
-25°	0	1	3	4	6	11	22	40	62	94	126
-27.5°	0	1	3	4	6	11	22	40	61	91	124
-30°	0	1	3	4	6	12	22	39	60	88	120
-32.5°	0	1	3	4	6	12	21	38	59	86	115
-35°	0	1	3	4	6	13	21	37	57	83	109
-37.5°	0	1	3	4	6	13	22	36	55	80	108
-40°	0	1	3	4	6	13	22	35	52	77	106
-42.5°	0	1	3	4	7	13	21	33	49	73	102
-45°	0	1	3	4	7	13	21	32	47	69	98
-47.5°	0	1	3	4	7	13	20	31	45	63	91
-50°	0	1	3	4	7	12	20	30	43	61	84
-52.5°	0	1	3	5	7	12	19	28	41	58	77
-55°	0	1	3	5	7	12	18	26	39	54	72
-57.5°	0	1	3	5	7	11	17	25	36	50	67
-60°	0	1	3	5	7	11	16	24	34	47	62
-62.5°	0	1	3	5	7	10	15	22	31	43	57
-65°	0	1	3	5	7	9	14	20	28	39	51
-67.5°	0	1	3	5	6	9	13	18	25	34	45
-70°	0	1	3	5	6	8	11	16	22	30	39
-72.5°	0	1	2	4	6	8	10	14	19	25	33
-75°	0	0	2	4	6	7	10	12	16	21	27
-77.5°	0	0	2	3	5	7	9	11	14	17	21
-80°	0	0	1	3	4	6	8	10	12	14	17
-82.5°	0	0	1	2	3	4	6	8	10	12	14
-85°	0	0	1	1	2	3	4	5	7	8	10
-87.5°	0	0	0	1	1	1	2	3	3	4	5
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627196 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-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°	2	3	2	1	0	1	1	1	0	0	0
62.5°	4	3	2	2	2	3	2	1	0	1	1
60°	4	3	3	3	4	4	3	3	3	4	9
57.5°	4	4	4	4	4	4	5	6	14	23	26
55°	4	4	4	5	6	7	10	22	33	40	44
52.5°	4	4	6	7	9	15	27	40	50	58	69
50°	5	6	8	11	17	31	46	60	73	86	101
47.5°	7	8	12	17	32	49	67	85	101	119	140
45°	8	13	17	30	48	70	93	113	129	150	169
42.5°	10	19	29	43	69	95	120	137	155	177	203
40°	16	27	41	63	91	122	144	162	181	213	243
37.5°	24	38	55	83	117	147	168	190	218	254	291
35°	33	48	73	105	142	169	194	221	260	301	345
32.5°	42	58	91	127	162	191	219	259	300	345	405
30°	50	73	108	148	180	212	250	295	335	391	461
27.5°	60	88	126	165	198	231	281	325	371	434	519
25°	70	104	143	181	215	256	311	358	405	486	600
22.5°	82	119	160	195	231	283	342	400	462	543	683
20°	95	133	174	213	247	309	375	445	530	642	826
17.5°	107	146	189	230	273	336	410	494	599	739	1009
15°	118	158	203	247	298	364	446	548	676	850	1185
12.5°	128	168	216	264	320	390	477	588	740	989	1411
10°	137	177	229	281	339	412	504	622	791	1089	1579
7.5°	144	187	241	296	356	432	527	650	837	1168	1711
5°	151	199	251	308	368	448	546	671	875	1225	1812
2.5°	156	210	260	318	377	461	561	691	912	1273	1898
0°	161	220	267	325	384	470	572	706	941	1306	1964
-2.5°	166	225	276	331	395	477	578	716	950	1310	1951
-5°	171	228	284	336	404	481	579	720	949	1300	1911
-7.5°	175	230	289	340	409	483	580	718	939	1278	1846
-10°	178	233	291	344	410	483	577	709	917	1236	1747
-12.5°	181	235	292	346	409	480	569	693	882	1173	1621
-15°	184	236	291	346	407	475	557	671	835	1089	1464
-17.5°	185	237	290	343	404	468	540	645	792	1015	1352
-20°	185	236	288	337	399	459	529	624	756	944	1216

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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°	183	234	286	332	392	451	516	599	710	864	1084
-25°	179	231	282	330	383	441	499	572	668	805	988
-27.5°	173	227	276	325	374	430	485	551	635	740	886
-30°	164	220	269	317	366	418	471	527	600	692	810
-32.5°	156	213	261	308	356	406	456	508	571	647	739
-35°	150	203	252	296	344	393	440	488	540	608	687
-37.5°	146	194	243	285	330	377	423	469	517	570	642
-40°	141	184	232	275	316	362	406	449	494	547	602
-42.5°	136	177	222	265	303	345	388	429	474	523	574
-45°	130	168	211	251	290	329	370	409	453	499	547
-47.5°	122	159	199	235	274	313	352	391	430	473	519
-50°	114	148	185	219	254	293	332	371	409	446	486
-52.5°	105	135	170	204	235	268	309	348	386	422	458
-55°	95	123	155	188	219	248	283	323	361	396	433
-57.5°	87	111	140	171	202	232	264	298	335	369	405
-60°	80	99	124	153	184	213	244	276	309	343	374
-62.5°	72	89	110	134	162	192	221	251	282	311	339
-65°	65	79	96	116	139	166	194	222	251	276	300
-67.5°	58	70	83	99	119	141	164	189	216	240	263
-70°	50	60	72	85	100	118	139	160	181	202	225
-72.5°	41	51	61	71	84	100	116	133	151	170	189
-75°	34	41	50	59	70	82	96	110	125	140	156
-77.5°	27	33	40	47	55	65	76	87	99	111	123
-80°	21	25	31	36	43	50	57	65	74	83	94
-82.5°	16	19	23	27	31	36	40	46	53	60	67
-85°	12	14	16	18	20	23	26	29	33	38	43
-87.5°	6	7	8	9	10	11	13	14	16	18	20
-90°	0	0	0	0	0	0	0	0	0	0	0



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	1	1	1	1	1	1	2	3	3	3	3
60°	10	7	10	13	12	9	14	16	15	12	12
57.5°	27	30	34	40	44	46	50	54	57	59	60
55°	50	60	71	76	84	97	108	109	111	114	121
52.5°	81	92	98	107	124	134	140	149	158	168	176
50°	117	127	139	154	170	180	184	200	219	235	245
47.5°	154	167	189	215	229	240	257	277	299	322	340
45°	188	212	239	263	281	301	323	349	383	415	439
42.5°	227	254	281	309	329	362	401	431	480	523	550
40°	272	299	338	372	413	456	522	583	645	716	768
37.5°	327	368	424	478	539	602	720	841	940	1079	1156
35°	392	456	535	615	713	865	1038	1272	1515	1717	1912
32.5°	468	549	658	802	967	1210	1470	1901	2320	2739	3151
30°	542	660	827	1025	1296	1681	2170	2836	3557	4188	4759
27.5°	641	809	1025	1321	1782	2347	3250	4174	5092	5912	6500
25°	761	986	1292	1782	2447	3383	4594	5727	6804	7608	8285
22.5°	934	1271	1706	2330	3536	4839	6288	7713	8923	9936	10603
20°	1148	1604	2331	3462	4881	6510	8375	9874	11365	12504	13522
17.5°	1451	2178	3204	4641	6336	8509	10429	12101	13993	15158	16196
15°	1723	2658	4121	5954	7940	10243	12507	14555	16382	17662	18822
12.5°	2068	3168	4850	7006	9179	11742	14096	16289	18078	19395	20207
10°	2377	3691	5578	7833	10266	12944	15383	17666	19398	20416	21014
7.5°	2626	4126	6169	8541	11109	13805	16381	18647	20305	21157	21564
5°	2819	4448	6631	9121	11789	14547	17176	19394	20791	21495	21723
2.5°	2964	4673	6942	9503	12247	15095	17780	19965	21157	21665	21740
0°	3062	4830	7144	9743	12641	15291	18106	20326	21459	21866	21906
-2.5°	3039	4773	7135	9656	12596	15380	18158	20349	21561	22109	22198
-5°	2977	4639	6898	9409	12237	15025	17676	19988	21477	22304	22670
-7.5°	2858	4407	6494	8937	11657	14448	17150	19550	21262	22426	23144
-10°	2655	4068	5976	8340	11020	13679	16352	18842	20686	22087	23086
-12.5°	2377	3608	5345	7494	10188	12671	15201	17587	19600	21328	22360
-15°	2091	3129	4689	6655	9001	11446	13783	16124	18111	19728	21015
-17.5°	1887	2709	3930	5650	7710	10030	12310	14460	16253	17773	19123
-20°	1629	2240	3206	4652	6466	8494	10678	12592	14193	15618	16908



REPORT NUMBER: P627196 (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°	1423	1918	2616	3603	5232	7020	8807	10570	12075	13343	14444
-25°	1237	1584	2130	2932	3992	5536	7042	8530	9919	11098	12090
-27.5°	1090	1366	1730	2301	3105	4007	5326	6570	7764	8843	9778
-30°	957	1164	1448	1806	2353	3022	3816	4746	5698	6550	7399
-32.5°	861	1009	1204	1469	1776	2255	2735	3360	3964	4584	5194
-35°	776	894	1027	1204	1414	1694	2010	2392	2715	3121	3496
-37.5°	717	800	902	1014	1164	1320	1534	1766	1966	2192	2383
-40°	668	733	802	878	981	1086	1224	1355	1482	1620	1723
-42.5°	627	679	729	787	848	933	1026	1107	1184	1265	1333
-45°	595	634	674	719	765	827	892	953	1003	1048	1085
-47.5°	560	595	630	665	705	750	793	831	873	908	934
-50°	526	561	593	623	657	692	726	757	787	813	829
-52.5°	493	529	560	588	617	646	674	702	728	751	762
-55°	468	501	533	558	582	606	631	658	682	704	711
-57.5°	440	474	504	527	550	572	595	619	643	664	670
-60°	408	444	470	492	515	539	561	583	604	622	630
-62.5°	370	402	427	448	469	488	512	535	558	576	587
-65°	325	352	376	398	418	437	459	481	501	517	529
-67.5°	286	307	327	346	365	385	406	426	445	459	468
-70°	246	266	285	303	320	337	354	371	387	400	409
-72.5°	208	225	241	257	273	288	303	317	331	342	351
-75°	172	187	201	214	227	239	251	262	273	282	290
-77.5°	135	148	159	171	182	192	201	209	217	225	232
-80°	104	112	121	130	138	146	152	159	165	171	177
-82.5°	74	80	86	92	97	102	107	112	117	121	125
-85°	47	51	54	57	60	63	66	69	72	75	77
-87.5°	22	24	25	27	28	30	31	33	34	35	37
-90°	0	0	0	0	0	0	0	0	0	0	0



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 CATALOG NUMBER: GFLD-SA3D-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°	4	4	4	4	4	4	4	3	3	3	3
60°	12	12	12	12	12	12	12	12	12	15	16
57.5°	59	55	51	47	51	55	59	60	59	57	54
55°	128	135	138	137	138	135	128	121	114	111	109
52.5°	182	185	185	180	185	185	182	176	168	158	149
50°	249	249	247	243	247	249	249	245	235	219	200
47.5°	349	355	357	357	357	355	349	340	322	299	277
45°	448	453	455	455	455	453	448	439	415	383	349
42.5°	564	572	575	572	575	572	564	550	523	480	431
40°	799	809	804	792	804	809	799	768	716	645	583
37.5°	1210	1249	1266	1266	1266	1249	1210	1156	1079	940	841
35°	2088	2227	2291	2211	2291	2227	2088	1912	1717	1515	1272
32.5°	3487	3734	3874	3874	3874	3734	3487	3151	2739	2320	1901
30°	5191	5501	5676	5713	5676	5501	5191	4759	4188	3557	2836
27.5°	6959	7280	7446	7422	7446	7280	6959	6500	5912	5092	4174
25°	8733	8976	9116	9120	9116	8976	8733	8285	7608	6804	5727
22.5°	11354	11865	12075	12131	12075	11865	11354	10603	9936	8923	7713
20°	14211	14706	15025	15044	15025	14706	14211	13522	12504	11365	9874
17.5°	16932	17178	17223	17244	17223	17178	16932	16196	15158	13993	12101
15°	19498	19584	19811	19839	19811	19584	19498	18822	17662	16382	14555
12.5°	20717	20795	20756	20651	20756	20795	20717	20207	19395	18078	16289
10°	21381	21270	21105	20906	21105	21270	21381	21014	20416	19398	17666
7.5°	21531	21408	21116	20828	21116	21408	21531	21564	21157	20305	18647
5°	21603	21241	20873	20522	20873	21241	21603	21723	21495	20791	19394
2.5°	21560	21130	20625	20247	20625	21130	21560	21740	21665	21157	19965
0°	21698	21263	20733	20592	20733	21263	21698	21906	21866	21459	20326
-2.5°	22081	21728	21452	21376	21452	21728	22081	22198	22109	21561	20349
-5°	22770	22692	22223	22333	22223	22692	22770	22670	22304	21477	19988
-7.5°	23436	23325	23127	23384	23127	23325	23436	23144	22426	21262	19550
-10°	23613	23576	23669	23897	23669	23576	23613	23086	22087	20686	18842
-12.5°	23070	23354	23673	23913	23673	23354	23070	22360	21328	19600	17587
-15°	21861	22442	22918	23145	22918	22442	21861	21015	19728	18111	16124
-17.5°	20079	20792	21357	21518	21357	20792	20079	19123	17773	16253	14460
-20°	17885	18611	19125	19330	19125	18611	17885	16908	15618	14193	12592

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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°	15417	16125	16591	16836	16591	16125	15417	14444	13343	12075	10570
-25°	12912	13534	13947	14056	13947	13534	12912	12090	11098	9919	8530
-27.5°	10516	11016	11321	11355	11321	11016	10516	9778	8843	7764	6570
-30°	8106	8571	8835	8975	8835	8571	8106	7399	6550	5698	4746
-32.5°	5693	6062	6285	6344	6285	6062	5693	5194	4584	3964	3360
-35°	3796	4025	4167	4195	4167	4025	3796	3496	3121	2715	2392
-37.5°	2538	2650	2719	2752	2719	2650	2538	2383	2192	1966	1766
-40°	1798	1851	1880	1886	1880	1851	1798	1723	1620	1482	1355
-42.5°	1375	1402	1416	1419	1416	1402	1375	1333	1265	1184	1107
-45°	1111	1130	1141	1145	1141	1130	1111	1085	1048	1003	953
-47.5°	951	963	970	972	970	963	951	934	908	873	831
-50°	839	845	848	847	848	845	839	829	813	787	757
-52.5°	768	773	774	772	774	773	768	762	751	728	702
-55°	716	719	719	718	719	719	716	711	704	682	658
-57.5°	676	680	679	674	679	680	676	670	664	643	619
-60°	636	641	641	639	641	641	636	630	622	604	583
-62.5°	596	604	605	604	605	604	596	587	576	558	535
-65°	539	549	549	545	549	549	539	529	517	501	481
-67.5°	476	483	484	482	484	483	476	468	459	445	426
-70°	417	425	425	424	425	425	417	409	400	387	371
-72.5°	359	366	368	369	368	366	359	351	342	331	317
-75°	297	304	304	302	304	304	297	290	282	273	262
-77.5°	239	246	245	243	245	246	239	232	225	217	209
-80°	182	187	186	184	186	187	182	177	171	165	159
-82.5°	129	133	131	129	131	133	129	125	121	117	112
-85°	80	82	82	82	82	82	80	77	75	72	69
-87.5°	38	39	37	35	37	39	38	37	35	34	33
-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°	2	1	1	1	1	1	1	1	1	0	1
60°	14	9	12	13	10	7	10	9	4	3	3
57.5°	50	46	44	40	34	30	27	26	23	14	6
55°	108	97	84	76	71	60	50	44	40	33	22
52.5°	140	134	124	107	98	92	81	69	58	50	40
50°	184	180	170	154	139	127	117	101	86	73	60
47.5°	257	240	229	215	189	167	154	140	119	101	85
45°	323	301	281	263	239	212	188	169	150	129	113
42.5°	401	362	329	309	281	254	227	203	177	155	137
40°	522	456	413	372	338	299	272	243	213	181	162
37.5°	720	602	539	478	424	368	327	291	254	218	190
35°	1038	865	713	615	535	456	392	345	301	260	221
32.5°	1470	1210	967	802	658	549	468	405	345	300	259
30°	2170	1681	1296	1025	827	660	542	461	391	335	295
27.5°	3250	2347	1782	1321	1025	809	641	519	434	371	325
25°	4594	3383	2447	1782	1292	986	761	600	486	405	358
22.5°	6288	4839	3536	2330	1706	1271	934	683	543	462	400
20°	8375	6510	4881	3462	2331	1604	1148	826	642	530	445
17.5°	10429	8509	6336	4641	3204	2178	1451	1009	739	599	494
15°	12507	10243	7940	5954	4121	2658	1723	1185	850	676	548
12.5°	14096	11742	9179	7006	4850	3168	2068	1411	989	740	588
10°	15383	12944	10266	7833	5578	3691	2377	1579	1089	791	622
7.5°	16381	13805	11109	8541	6169	4126	2626	1711	1168	837	650
5°	17176	14547	11789	9121	6631	4448	2819	1812	1225	875	671
2.5°	17780	15095	12247	9503	6942	4673	2964	1898	1273	912	691
0°	18106	15291	12641	9743	7144	4830	3062	1964	1306	941	706
-2.5°	18158	15380	12596	9656	7135	4773	3039	1951	1310	950	716
-5°	17676	15025	12237	9409	6898	4639	2977	1911	1300	949	720
-7.5°	17150	14448	11657	8937	6494	4407	2858	1846	1278	939	718
-10°	16352	13679	11020	8340	5976	4068	2655	1747	1236	917	709
-12.5°	15201	12671	10188	7494	5345	3608	2377	1621	1173	882	693
-15°	13783	11446	9001	6655	4689	3129	2091	1464	1089	835	671
-17.5°	12310	10030	7710	5650	3930	2709	1887	1352	1015	792	645
-20°	10678	8494	6466	4652	3206	2240	1629	1216	944	756	624

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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°	8807	7020	5232	3603	2616	1918	1423	1084	864	710	599
-25°	7042	5536	3992	2932	2130	1584	1237	988	805	668	572
-27.5°	5326	4007	3105	2301	1730	1366	1090	886	740	635	551
-30°	3816	3022	2353	1806	1448	1164	957	810	692	600	527
-32.5°	2735	2255	1776	1469	1204	1009	861	739	647	571	508
-35°	2010	1694	1414	1204	1027	894	776	687	608	540	488
-37.5°	1534	1320	1164	1014	902	800	717	642	570	517	469
-40°	1224	1086	981	878	802	733	668	602	547	494	449
-42.5°	1026	933	848	787	729	679	627	574	523	474	429
-45°	892	827	765	719	674	634	595	547	499	453	409
-47.5°	793	750	705	665	630	595	560	519	473	430	391
-50°	726	692	657	623	593	561	526	486	446	409	371
-52.5°	674	646	617	588	560	529	493	458	422	386	348
-55°	631	606	582	558	533	501	468	433	396	361	323
-57.5°	595	572	550	527	504	474	440	405	369	335	298
-60°	561	539	515	492	470	444	408	374	343	309	276
-62.5°	512	488	469	448	427	402	370	339	311	282	251
-65°	459	437	418	398	376	352	325	300	276	251	222
-67.5°	406	385	365	346	327	307	286	263	240	216	189
-70°	354	337	320	303	285	266	246	225	202	181	160
-72.5°	303	288	273	257	241	225	208	189	170	151	133
-75°	251	239	227	214	201	187	172	156	140	125	110
-77.5°	201	192	182	171	159	148	135	123	111	99	87
-80°	152	146	138	130	121	112	104	94	83	74	65
-82.5°	107	102	97	92	86	80	74	67	60	53	46
-85°	66	63	60	57	54	51	47	43	38	33	29
-87.5°	31	30	28	27	25	24	22	20	18	16	14
-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	1	0	0
65°	1	1	0	1	2	3	2	1	1	1	0
62.5°	2	3	2	2	2	3	4	2	2	2	1
60°	3	4	4	3	3	3	4	4	3	3	2
57.5°	5	4	4	4	4	4	4	4	3	3	3
55°	10	7	6	5	4	4	4	4	4	4	4
52.5°	27	15	9	7	6	4	4	4	4	4	4
50°	46	31	17	11	8	6	5	5	4	4	4
47.5°	67	49	32	17	12	8	7	5	4	4	4
45°	93	70	48	30	17	13	8	6	5	4	5
42.5°	120	95	69	43	29	19	10	8	6	4	5
40°	144	122	91	63	41	27	16	9	7	5	5
37.5°	168	147	117	83	55	38	24	11	9	6	6
35°	194	169	142	105	73	48	33	15	11	8	6
32.5°	219	191	162	127	91	58	42	23	14	9	6
30°	250	212	180	148	108	73	50	31	17	11	6
27.5°	281	231	198	165	126	88	60	39	21	13	8
25°	311	256	215	181	143	104	70	46	26	16	9
22.5°	342	283	231	195	160	119	82	54	32	19	10
20°	375	309	247	213	174	133	95	62	38	22	12
17.5°	410	336	273	230	189	146	107	71	42	26	13
15°	446	364	298	247	203	158	118	79	47	29	15
12.5°	477	390	320	264	216	168	128	87	50	32	17
10°	504	412	339	281	229	177	137	95	56	35	20
7.5°	527	432	356	296	241	187	144	102	63	38	23
5°	546	448	368	308	251	199	151	107	70	40	26
2.5°	561	461	377	318	260	210	156	111	76	42	29
0°	572	470	384	325	267	220	161	114	82	43	31
-2.5°	578	477	395	331	276	225	166	120	86	49	33
-5°	579	481	404	336	284	228	171	125	89	54	33
-7.5°	580	483	409	340	289	230	175	129	92	58	34
-10°	577	483	410	344	291	233	178	133	94	62	35
-12.5°	569	480	409	346	292	235	181	135	96	65	35
-15°	557	475	407	346	291	236	184	137	97	66	36
-17.5°	540	468	404	343	290	237	185	137	97	65	37
-20°	529	459	399	337	288	236	185	135	97	65	38

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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°	516	451	392	332	286	234	183	132	96	64	39
-25°	499	441	383	330	282	231	179	126	94	62	40
-27.5°	485	430	374	325	276	227	173	124	91	61	40
-30°	471	418	366	317	269	220	164	120	88	60	39
-32.5°	456	406	356	308	261	213	156	115	86	59	38
-35°	440	393	344	296	252	203	150	109	83	57	37
-37.5°	423	377	330	285	243	194	146	108	80	55	36
-40°	406	362	316	275	232	184	141	106	77	52	35
-42.5°	388	345	303	265	222	177	136	102	73	49	33
-45°	370	329	290	251	211	168	130	98	69	47	32
-47.5°	352	313	274	235	199	159	122	91	63	45	31
-50°	332	293	254	219	185	148	114	84	61	43	30
-52.5°	309	268	235	204	170	135	105	77	58	41	28
-55°	283	248	219	188	155	123	95	72	54	39	26
-57.5°	264	232	202	171	140	111	87	67	50	36	25
-60°	244	213	184	153	124	99	80	62	47	34	24
-62.5°	221	192	162	134	110	89	72	57	43	31	22
-65°	194	166	139	116	96	79	65	51	39	28	20
-67.5°	164	141	119	99	83	70	58	45	34	25	18
-70°	139	118	100	85	72	60	50	39	30	22	16
-72.5°	116	100	84	71	61	51	41	33	25	19	14
-75°	96	82	70	59	50	41	34	27	21	16	12
-77.5°	76	65	55	47	40	33	27	21	17	14	11
-80°	57	50	43	36	31	25	21	17	14	12	10
-82.5°	40	36	31	27	23	19	16	14	12	10	8
-85°	26	23	20	18	16	14	12	10	8	7	5
-87.5°	13	11	10	9	8	7	6	5	4	3	3
-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: P627196 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-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	1	0	0	0	0	0
70°	0	1	1	0	0	0	0
67.5°	0	1	1	0	0	0	0
65°	1	1	2	1	0	0	0
62.5°	1	2	2	1	0	0	0
60°	1	2	2	2	0	0	0
57.5°	1	2	3	2	0	0	0
55°	2	2	3	2	1	0	0
52.5°	3	2	3	3	1	0	0
50°	3	2	3	3	1	0	0
47.5°	4	3	3	4	1	0	0
45°	4	3	3	4	2	0	0
42.5°	5	3	3	4	2	0	0
40°	5	4	3	4	2	0	0
37.5°	6	4	4	4	2	0	0
35°	6	4	4	4	2	0	0
32.5°	7	5	4	4	3	0	0
30°	7	5	4	4	3	0	0
27.5°	7	5	4	4	3	0	0
25°	7	6	4	4	3	0	0
22.5°	7	6	4	4	3	0	0
20°	8	7	4	4	3	0	0
17.5°	8	7	4	4	4	0	0
15°	8	7	4	4	4	0	0
12.5°	9	7	4	4	4	0	0
10°	9	7	4	4	4	0	0
7.5°	10	8	4	4	4	0	0
5°	11	8	4	4	4	0	0
2.5°	11	8	4	4	4	0	0
0°	12	8	4	4	4	0	0
-2.5°	14	8	4	4	4	0	0
-5°	16	9	5	4	4	0	0
-7.5°	18	9	5	4	4	0	0
-10°	19	9	5	4	4	0	0
-12.5°	20	10	5	4	4	0	0
-15°	21	10	6	4	4	0	0
-17.5°	22	10	6	4	4	1	0
-20°	22	10	6	4	4	1	0

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REPORT NUMBER: P627196 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-727-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	22	10	6	4	4	1	0
-25°	22	11	6	4	3	1	0
-27.5°	22	11	6	4	3	1	0
-30°	22	12	6	4	3	1	0
-32.5°	21	12	6	4	3	1	0
-35°	21	13	6	4	3	1	0
-37.5°	22	13	6	4	3	1	0
-40°	22	13	6	4	3	1	0
-42.5°	21	13	7	4	3	1	0
-45°	21	13	7	4	3	1	0
-47.5°	20	13	7	4	3	1	0
-50°	20	12	7	4	3	1	0
-52.5°	19	12	7	5	3	1	0
-55°	18	12	7	5	3	1	0
-57.5°	17	11	7	5	3	1	0
-60°	16	11	7	5	3	1	0
-62.5°	15	10	7	5	3	1	0
-65°	14	9	7	5	3	1	0
-67.5°	13	9	6	5	3	1	0
-70°	11	8	6	5	3	1	0
-72.5°	10	8	6	4	2	1	0
-75°	10	7	6	4	2	0	0
-77.5°	9	7	5	3	2	0	0
-80°	8	6	4	3	1	0	0
-82.5°	6	4	3	2	1	0	0
-85°	4	3	2	1	1	0	0
-87.5°	2	1	1	1	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)