

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: P627556 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA5B-727-U-MWR-VSR-XX

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P627556 (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-SA5B-727-U-MWR-VSR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR  
Light Source: (80) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 5V
Luminaire Lumens:	18783.4 lumens	Max Intensity:	26315.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -12.5°V
Efficacy:	118.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

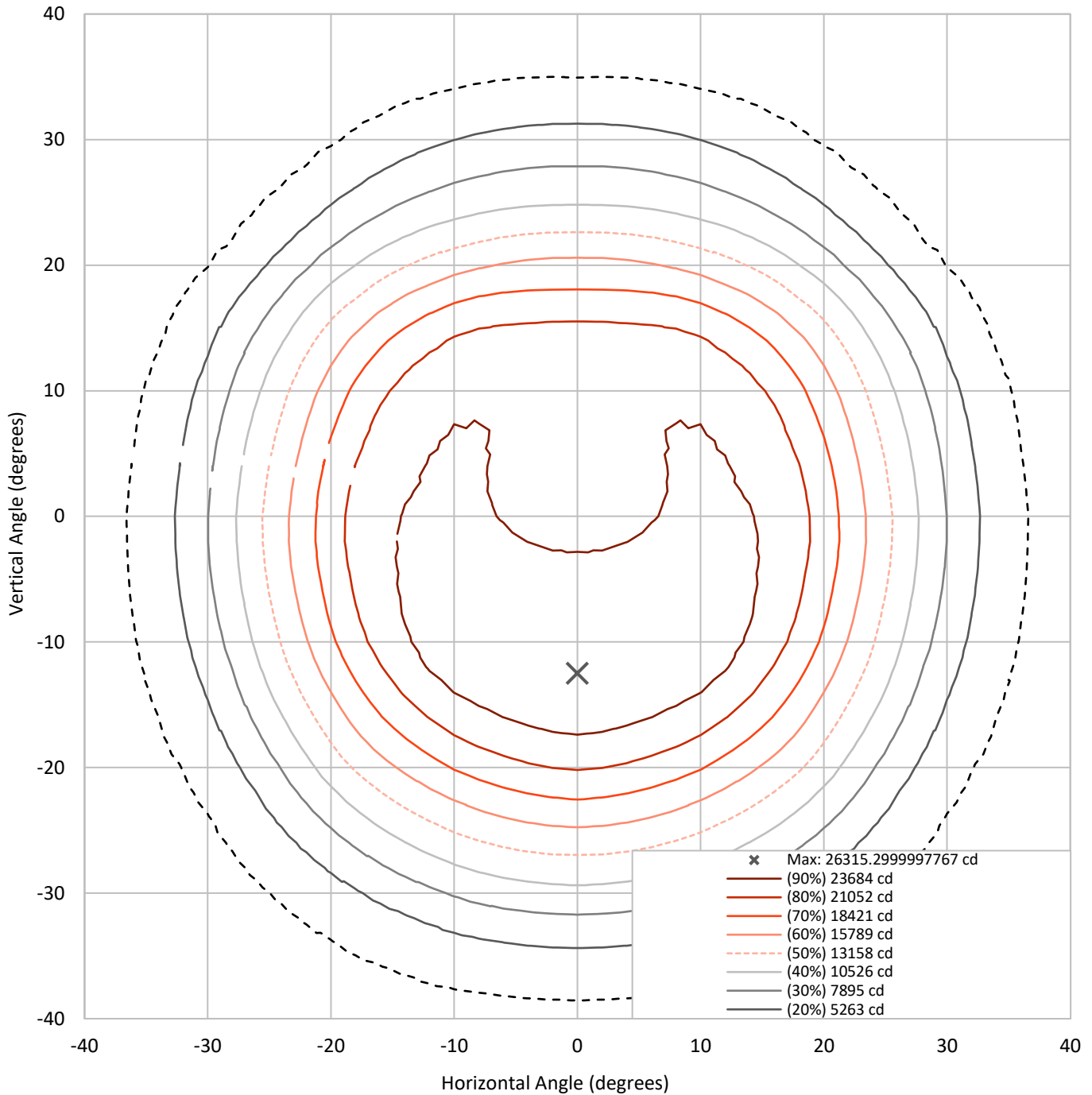
Beam Angle (50%):	46.4°H x 49.6°V	Field Angle (10%):	69.9°H x 73.3°V
Beam Lumens:	12581 lumens	Field Lumens:	16930.3 lumens
Beam Efficiency:	67.0%	Field Efficiency:	90.1%

Input Watts (W): 158.7  
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



REPORT NUMBER: P627556 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5B-727-U-MWR-VSR-XX

### Iso-Candela Plot





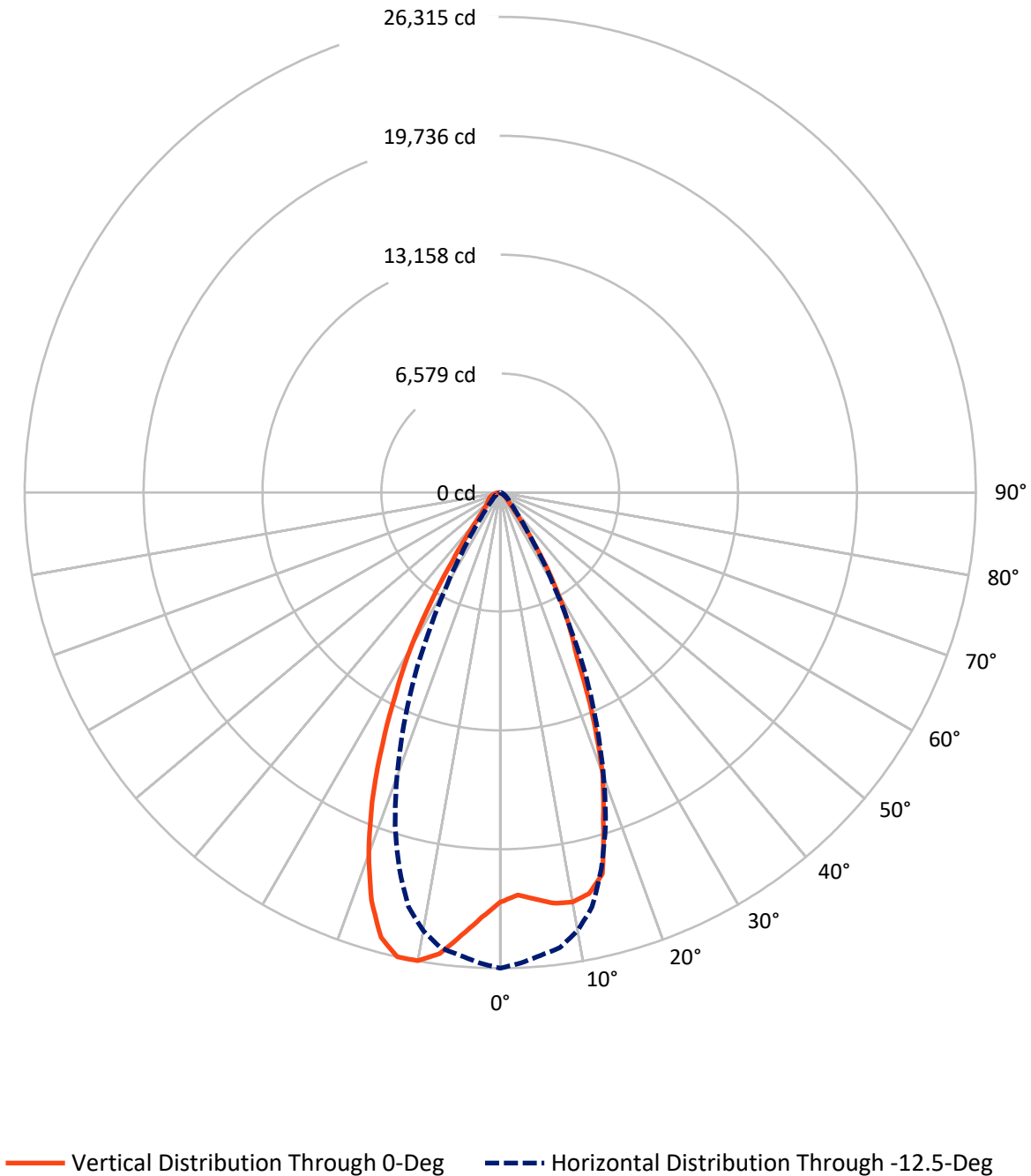
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### Lumen Table

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		
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		0.1	0.1	0.6	1.5	2.6	3.6	4.2	4.2	3.6	2.6	1.5	0.6	0.1	0.1				
40	0.1	0.1	0.7	2.7	5.3	8.6	12.9	15.8	15.8	12.9	8.6	5.3	2.7	0.7	0.1	0.1			
30		0.3	2.1	5.4	11.3	24.4	55.4	84.7	84.7	55.4	24.4	11.3	5.4	2.1	0.3				
20	0.2	0.8	3.5	8.8	23.6	87.3	224.8	314.3	314.3	224.8	87.3	23.6	8.8	3.5	0.8	0.2			
10		1.2	4.9	13.6	56.1	242.5	505.8	626.3	626.3	505.8	242.5	56.1	13.6	4.9	1.2				
0	0.4	1.6	6.1	17.5	89.3	357.1	652.2	707.1	707.1	652.2	357.1	89.3	17.5	6.1	1.6	0.4			
-10		1.9	6.7	18.7	93.4	368.8	675.7	750.5	750.5	675.7	368.8	93.4	18.7	6.7	1.9				
-20	0.5	2.1	6.8	17.0	66.9	274.6	570.0	727.8	727.8	570.0	274.6	66.9	17.0	6.8	2.1	0.5			
-30		2.0	6.4	14.1	37.4	133.2	317.6	446.9	446.9	317.6	133.2	37.4	14.1	6.4	2.0				
-40	0.5	1.7	5.8	11.7	22.3	47.4	99.2	147.3	147.3	99.2	47.4	22.3	11.7	5.8	1.7	0.5			
-50		1.5	4.8	9.8	16.3	24.1	33.9	40.1	40.1	33.9	24.1	16.3	9.8	4.8	1.5				
-60	0.4	1.1	3.6	7.7	12.8	17.7	22.1	24.2	24.2	22.1	17.7	12.8	7.7	3.6	1.1	0.4			
-70		0.8	2.3	5.3	9.0	12.7	16.1	18.0	18.0	16.1	12.7	9.0	5.3	2.3	0.8				
-80	0.1	2.1	9.5	20.1	25.8	20.1	9.5	2.1	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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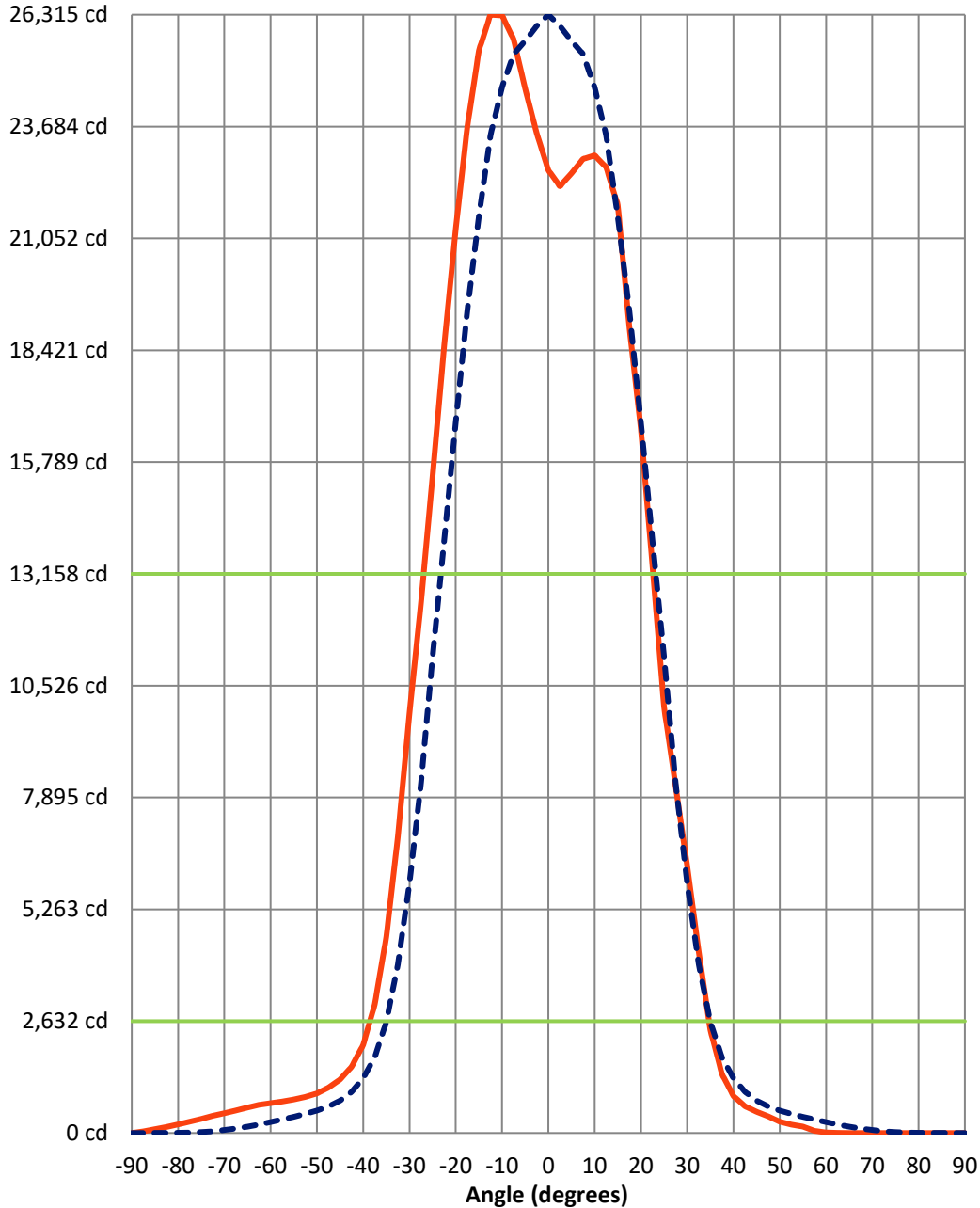
### Luminous Intensity Polar Plot





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### Luminous Intensity Plot



**Beam:**  
 H Angle: 46.4°  
 V Angle: 49.6°  
 Lumens: 12581  
 Efficiency: 67.0%

**Field:**  
 H Angle: 69.9°  
 V Angle: 73.3°  
 Lumens: 16930.3  
 Efficiency: 90.1%

**Spill:**  
 Lumens: 1853  
 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	1	1	1	0	0	0	1	1
65°	0	0	0	1	2	2	1	0	1	1	1
62.5°	0	0	0	1	2	2	1	1	2	2	3
60°	0	0	0	2	3	2	1	2	3	3	4
57.5°	0	0	0	2	3	2	2	3	4	4	4
55°	0	0	1	3	3	2	2	4	4	4	4
52.5°	0	0	1	3	3	2	3	4	4	4	4
50°	0	0	1	4	3	3	4	5	4	4	5
47.5°	0	0	2	4	3	3	4	5	4	4	6
45°	0	0	2	4	3	3	5	5	5	5	7
42.5°	0	0	2	4	4	4	5	6	5	7	9
40°	0	0	2	4	4	4	6	6	5	8	10
37.5°	0	0	3	4	4	4	6	6	7	10	12
35°	0	0	3	4	4	5	7	6	9	12	16
32.5°	0	0	3	4	4	5	7	7	10	15	26
30°	0	0	3	4	4	5	7	7	12	19	35
27.5°	0	0	3	4	4	6	8	9	14	23	43
25°	0	0	3	4	4	6	8	10	17	29	50
22.5°	0	0	4	4	4	7	8	11	21	35	59
20°	0	0	4	4	4	7	8	13	24	41	68
17.5°	0	0	4	4	4	8	9	14	28	47	78
15°	0	0	4	4	4	8	9	16	32	51	87
12.5°	0	0	4	4	4	8	10	19	36	55	96
10°	0	0	4	4	4	8	10	22	39	62	105
7.5°	0	0	4	4	4	8	11	25	42	69	112
5°	0	0	4	4	4	9	12	29	44	77	117
2.5°	0	0	4	4	4	9	12	32	46	84	122
0°	0	0	4	4	4	9	13	34	47	91	125
-2.5°	0	0	4	4	5	9	15	36	54	95	132
-5°	0	0	4	4	5	9	17	37	59	98	138
-7.5°	0	0	4	4	5	10	19	37	64	101	142
-10°	0	0	4	4	6	10	21	38	68	104	146
-12.5°	0	0	4	4	6	10	23	39	71	106	149
-15°	0	1	4	4	6	11	24	39	72	107	150
-17.5°	0	1	4	4	6	11	24	41	72	107	150
-20°	0	1	4	4	7	11	25	42	71	107	148

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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	1	4	4	7	11	25	43	70	105	145
-25°	0	1	4	4	7	12	25	44	68	103	139
-27.5°	0	1	4	4	6	13	24	44	67	100	136
-30°	0	1	4	4	6	13	24	43	66	97	132
-32.5°	0	1	4	4	7	14	23	42	65	94	127
-35°	0	1	4	4	7	14	23	41	63	91	120
-37.5°	0	1	4	4	7	14	24	40	61	88	119
-40°	0	1	4	4	7	14	24	38	57	85	116
-42.5°	0	1	4	4	7	14	23	36	54	80	113
-45°	0	1	4	5	8	14	23	35	52	75	107
-47.5°	0	1	4	5	8	14	22	34	49	70	101
-50°	0	1	4	5	8	14	22	32	47	67	93
-52.5°	0	1	4	5	8	13	21	31	45	63	85
-55°	0	1	4	5	8	13	20	29	43	59	80
-57.5°	0	1	4	5	8	12	19	28	40	55	74
-60°	0	1	4	5	7	12	18	26	37	52	68
-62.5°	0	1	4	5	7	11	17	24	34	47	62
-65°	0	1	3	5	7	10	16	22	31	43	56
-67.5°	0	1	3	5	7	10	14	20	28	38	50
-70°	0	1	3	5	7	9	12	18	25	33	43
-72.5°	0	1	2	5	7	9	11	15	21	28	36
-75°	0	1	2	4	6	8	11	13	17	23	29
-77.5°	0	0	2	3	5	8	10	12	15	18	23
-80°	0	0	1	3	4	6	9	11	13	16	19
-82.5°	0	0	1	2	3	5	7	9	11	13	15
-85°	0	0	1	1	2	3	4	6	7	9	11
-87.5°	0	0	0	1	1	2	2	3	4	5	5
-90°	0	0	0	0	0	0	0	0	0	0	0





REPORT NUMBER: P627556 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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	3	1	0	1	2
60°	4	4	3	3	4	4	3	3	4	4	10
57.5°	4	4	4	5	5	5	5	6	15	26	29
55°	4	4	5	6	6	7	11	24	36	45	48
52.5°	5	5	7	8	10	16	30	44	55	64	76
50°	6	7	9	12	19	34	50	66	81	95	111
47.5°	7	9	13	19	35	54	74	94	111	131	154
45°	9	14	19	33	53	77	102	124	142	165	186
42.5°	11	21	32	48	76	104	132	151	171	195	223
40°	18	30	45	69	100	134	159	178	200	234	268
37.5°	26	42	60	92	128	161	185	209	240	280	320
35°	36	53	80	115	156	186	213	243	286	331	379
32.5°	46	64	100	140	178	211	241	285	330	380	446
30°	55	80	119	163	198	233	275	324	369	430	508
27.5°	66	97	139	182	218	254	309	357	408	478	571
25°	77	114	157	199	237	282	343	394	446	535	660
22.5°	90	131	176	215	254	311	377	440	509	597	751
20°	104	147	192	234	272	340	413	490	584	707	909
17.5°	118	161	208	253	300	370	451	543	660	813	1110
15°	130	174	223	272	328	401	491	603	744	935	1304
12.5°	141	185	238	291	352	429	525	648	814	1089	1553
10°	150	195	252	309	373	454	555	685	871	1199	1738
7.5°	159	206	265	326	391	475	580	715	921	1285	1883
5°	166	219	276	339	405	493	601	739	963	1348	1994
2.5°	172	231	286	350	415	507	618	761	1004	1401	2088
0°	177	242	293	358	423	518	630	777	1035	1437	2162
-2.5°	183	247	304	365	435	525	636	788	1046	1442	2147
-5°	188	251	312	370	444	530	637	793	1044	1431	2103
-7.5°	192	253	318	374	450	532	638	790	1034	1407	2031
-10°	195	256	320	379	451	532	635	780	1009	1360	1923
-12.5°	200	259	321	381	451	528	626	763	970	1291	1784
-15°	202	260	320	381	448	523	613	739	919	1198	1611
-17.5°	203	260	319	378	445	514	595	709	871	1117	1488
-20°	203	260	317	371	440	506	582	687	831	1039	1338

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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°	201	258	314	366	431	496	568	659	781	951	1193
-25°	197	254	311	363	422	486	550	630	736	886	1087
-27.5°	190	249	304	357	411	473	533	606	699	814	975
-30°	181	242	296	349	402	460	518	580	661	761	891
-32.5°	171	234	287	339	392	447	501	559	628	712	813
-35°	165	224	277	326	379	432	484	538	595	669	756
-37.5°	161	213	267	314	363	415	466	516	569	628	706
-40°	156	202	256	303	347	398	447	494	543	602	662
-42.5°	149	194	244	291	334	380	427	473	522	576	632
-45°	143	185	232	276	319	363	407	451	498	549	602
-47.5°	135	175	219	259	301	344	388	431	473	520	571
-50°	125	163	204	241	279	322	365	409	450	490	535
-52.5°	115	149	187	225	259	295	340	383	425	465	504
-55°	104	135	170	207	242	273	312	356	397	436	476
-57.5°	95	122	154	188	223	255	291	328	369	406	445
-60°	88	109	137	169	203	235	269	304	341	377	412
-62.5°	80	98	121	147	179	211	243	276	311	342	373
-65°	72	87	106	128	153	182	213	245	276	304	331
-67.5°	63	77	92	109	130	155	180	208	237	264	290
-70°	55	67	79	94	110	130	153	176	199	223	247
-72.5°	46	56	67	79	93	110	128	146	166	187	208
-75°	37	45	55	65	77	91	105	121	137	154	171
-77.5°	29	37	44	52	61	72	83	96	109	122	135
-80°	23	27	34	40	47	55	63	71	81	92	103
-82.5°	18	21	25	29	34	39	45	51	58	66	74
-85°	13	15	17	20	23	26	29	32	37	42	47
-87.5°	6	8	9	10	11	12	14	15	17	20	22
-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	2	1	1	2	3	3	3	4
60°	11	8	11	14	14	10	15	17	16	13	13
57.5°	30	33	37	44	48	51	55	60	63	65	67
55°	55	66	78	84	93	107	119	120	123	126	133
52.5°	89	102	108	118	136	148	153	163	174	185	194
50°	129	140	153	169	187	198	202	220	241	259	269
47.5°	169	184	207	237	252	265	282	305	329	354	374
45°	207	233	263	289	309	331	356	384	421	456	483
42.5°	250	279	310	340	362	399	441	474	528	575	605
40°	300	329	372	409	455	502	574	642	710	788	846
37.5°	359	405	466	526	593	662	792	926	1035	1187	1272
35°	431	502	589	677	785	952	1142	1399	1667	1890	2104
32.5°	515	604	724	883	1064	1332	1618	2092	2553	3015	3468
30°	596	727	910	1128	1426	1850	2388	3121	3914	4609	5237
27.5°	705	890	1128	1454	1961	2582	3576	4593	5604	6505	7153
25°	837	1085	1422	1961	2693	3723	5056	6302	7488	8372	9117
22.5°	1028	1399	1877	2564	3892	5325	6919	8488	9820	10934	11668
20°	1263	1766	2566	3810	5372	7164	9216	10866	12506	13760	14880
17.5°	1596	2397	3526	5107	6973	9363	11476	13316	15399	16680	17823
15°	1896	2925	4535	6552	8738	11272	13764	16017	18028	19436	20713
12.5°	2276	3487	5337	7710	10101	12922	15512	17925	19894	21343	22237
10°	2616	4062	6139	8620	11297	14244	16928	19440	21347	22467	23125
7.5°	2890	4540	6788	9399	12225	15191	18027	20520	22345	23282	23731
5°	3102	4895	7297	10037	12973	16008	18902	21342	22879	23654	23905
2.5°	3262	5142	7639	10458	13478	16611	19566	21971	23282	23841	23924
0°	3370	5316	7861	10722	13910	16827	19925	22367	23614	24063	24106
-2.5°	3344	5253	7852	10626	13861	16924	19983	22393	23727	24330	24428
-5°	3276	5105	7591	10355	13467	16535	19451	21996	23634	24544	24948
-7.5°	3145	4850	7146	9835	12828	15899	18873	21514	23398	24679	25468
-10°	2921	4476	6576	9177	12127	15053	17994	20734	22764	24306	25405
-12.5°	2616	3970	5882	8246	11212	13944	16728	19353	21568	23470	24606
-15°	2301	3443	5160	7323	9905	12596	15168	17744	19931	21709	23126
-17.5°	2076	2981	4324	6218	8484	11037	13546	15913	17886	19558	21044
-20°	1792	2464	3528	5120	7116	9347	11751	13857	15619	17187	18606

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REPORT NUMBER: P627556 (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°	1566	2110	2879	3965	5758	7726	9692	11631	13288	14684	15895
-25°	1361	1743	2343	3227	4392	6092	7749	9386	10916	12213	13305
-27.5°	1200	1504	1904	2533	3417	4409	5861	7230	8544	9731	10760
-30°	1053	1281	1594	1987	2589	3326	4199	5222	6271	7207	8142
-32.5°	948	1110	1325	1617	1954	2482	3009	3698	4362	5045	5716
-35°	853	984	1130	1325	1557	1864	2212	2633	2988	3435	3847
-37.5°	789	880	992	1115	1281	1452	1688	1944	2164	2413	2622
-40°	735	807	883	966	1079	1195	1347	1491	1631	1782	1896
-42.5°	690	748	802	866	934	1027	1129	1218	1303	1392	1466
-45°	654	697	742	791	842	910	982	1049	1104	1154	1194
-47.5°	616	655	694	732	776	825	872	915	961	1000	1028
-50°	579	617	652	686	723	762	799	833	866	895	912
-52.5°	542	582	616	647	679	711	742	772	801	826	838
-55°	515	551	586	614	641	667	695	724	751	775	783
-57.5°	484	521	555	580	605	629	655	681	707	730	738
-60°	449	488	518	541	567	593	617	641	665	685	693
-62.5°	407	442	469	493	516	537	563	589	614	634	646
-65°	358	388	414	438	460	481	505	529	551	569	582
-67.5°	314	338	360	381	402	424	446	468	490	505	515
-70°	271	293	313	333	352	371	390	408	426	440	450
-72.5°	229	248	266	283	301	317	333	349	364	376	386
-75°	189	206	221	236	250	263	276	288	300	310	319
-77.5°	149	162	175	188	201	211	221	230	239	248	256
-80°	114	124	133	143	152	160	168	175	182	188	195
-82.5°	82	88	94	101	107	113	118	123	128	133	138
-85°	52	56	59	63	66	69	73	76	79	82	85
-87.5°	25	26	28	30	31	33	34	36	37	39	40
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627556 (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°
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	4	3	3	3
60°	13	13	13	13	13	13	13	13	13	16	17
57.5°	65	60	56	52	56	60	65	67	65	63	60
55°	141	149	152	151	152	149	141	133	126	123	120
52.5°	200	204	203	199	203	204	200	194	185	174	163
50°	274	274	272	268	272	274	274	269	259	241	220
47.5°	385	390	393	393	393	390	385	374	354	329	305
45°	493	499	501	501	501	499	493	483	456	421	384
42.5°	620	630	633	630	633	630	620	605	575	528	474
40°	879	890	885	872	885	890	879	846	788	710	642
37.5°	1332	1375	1393	1394	1393	1375	1332	1272	1187	1035	926
35°	2297	2451	2522	2434	2522	2451	2297	2104	1890	1667	1399
32.5°	3837	4109	4263	4263	4263	4109	3837	3468	3015	2553	2092
30°	5713	6054	6246	6286	6246	6054	5713	5237	4609	3914	3121
27.5°	7658	8011	8194	8168	8194	8011	7658	7153	6505	5604	4593
25°	9611	9878	10032	10036	10032	9878	9611	9117	8372	7488	6302
22.5°	12494	13056	13288	13350	13288	13056	12494	11668	10934	9820	8488
20°	15638	16183	16534	16555	16534	16183	15638	14880	13760	12506	10866
17.5°	18633	18904	18953	18976	18953	18904	18633	17823	16680	15399	13316
15°	21457	21551	21801	21832	21801	21551	21457	20713	19436	18028	16017
12.5°	22798	22884	22841	22725	22841	22884	22798	22237	21343	19894	17925
10°	23528	23406	23224	23006	23224	23406	23528	23125	22467	21347	19440
7.5°	23694	23558	23238	22920	23238	23558	23694	23731	23282	22345	20520
5°	23772	23374	22969	22583	22969	23374	23772	23905	23654	22879	21342
2.5°	23726	23252	22696	22281	22696	23252	23726	23924	23841	23282	21971
0°	23877	23398	22816	22661	22816	23398	23877	24106	24063	23614	22367
-2.5°	24299	23911	23607	23524	23607	23911	24299	24428	24330	23727	22393
-5°	25057	24972	24455	24576	24455	24972	25057	24948	24544	23634	21996
-7.5°	25790	25668	25450	25733	25450	25668	25790	25468	24679	23398	21514
-10°	25985	25945	26047	26298	26047	25945	25985	25405	24306	22764	20734
-12.5°	25387	25700	26051	26315	26051	25700	25387	24606	23470	21568	19353
-15°	24056	24696	25221	25470	25221	24696	24056	23126	21709	19931	17744
-17.5°	22096	22880	23502	23679	23502	22880	22096	21044	19558	17886	15913
-20°	19682	20480	21046	21271	21046	20480	19682	18606	17187	15619	13857



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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°	16966	17745	18257	18527	18257	17745	16966	15895	14684	13288	11631
-25°	14209	14894	15348	15468	15348	14894	14209	13305	12213	10916	9386
-27.5°	11572	12123	12458	12495	12458	12123	11572	10760	9731	8544	7230
-30°	8920	9432	9722	9876	9722	9432	8920	8142	7207	6271	5222
-32.5°	6265	6671	6916	6981	6916	6671	6265	5716	5045	4362	3698
-35°	4177	4429	4585	4617	4585	4429	4177	3847	3435	2988	2633
-37.5°	2793	2916	2992	3029	2992	2916	2793	2622	2413	2164	1944
-40°	1979	2036	2069	2075	2069	2036	1979	1896	1782	1631	1491
-42.5°	1513	1543	1558	1562	1558	1543	1513	1466	1392	1303	1218
-45°	1223	1243	1256	1260	1256	1243	1223	1194	1154	1104	1049
-47.5°	1046	1059	1067	1070	1067	1059	1046	1028	1000	961	915
-50°	923	930	933	932	933	930	923	912	895	866	833
-52.5°	845	850	852	850	852	850	845	838	826	801	772
-55°	788	791	792	790	792	791	788	783	775	751	724
-57.5°	744	748	747	742	747	748	744	738	730	707	681
-60°	700	705	705	703	705	705	700	693	685	665	641
-62.5°	656	665	666	665	666	665	656	646	634	614	589
-65°	593	604	604	600	604	604	593	582	569	551	529
-67.5°	524	532	532	531	532	532	524	515	505	490	468
-70°	459	468	468	466	468	468	459	450	440	426	408
-72.5°	395	403	405	406	405	403	395	386	376	364	349
-75°	327	335	334	332	334	335	327	319	310	300	288
-77.5°	263	270	269	268	269	270	263	256	248	239	230
-80°	201	206	205	203	205	206	201	195	188	182	175
-82.5°	142	146	144	142	144	146	142	138	133	128	123
-85°	88	90	91	91	91	90	88	85	82	79	76
-87.5°	42	43	41	39	41	43	42	40	39	37	36
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627556 (CONVERTED FROM TYPE C PHOTOMETRY)  
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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	2	1	1	1	2	1	0	1
60°	15	10	14	14	11	8	11	10	4	4	3
57.5°	55	51	48	44	37	33	30	29	26	15	6
55°	119	107	93	84	78	66	55	48	45	36	24
52.5°	153	148	136	118	108	102	89	76	64	55	44
50°	202	198	187	169	153	140	129	111	95	81	66
47.5°	282	265	252	237	207	184	169	154	131	111	94
45°	356	331	309	289	263	233	207	186	165	142	124
42.5°	441	399	362	340	310	279	250	223	195	171	151
40°	574	502	455	409	372	329	300	268	234	200	178
37.5°	792	662	593	526	466	405	359	320	280	240	209
35°	1142	952	785	677	589	502	431	379	331	286	243
32.5°	1618	1332	1064	883	724	604	515	446	380	330	285
30°	2388	1850	1426	1128	910	727	596	508	430	369	324
27.5°	3576	2582	1961	1454	1128	890	705	571	478	408	357
25°	5056	3723	2693	1961	1422	1085	837	660	535	446	394
22.5°	6919	5325	3892	2564	1877	1399	1028	751	597	509	440
20°	9216	7164	5372	3810	2566	1766	1263	909	707	584	490
17.5°	11476	9363	6973	5107	3526	2397	1596	1110	813	660	543
15°	13764	11272	8738	6552	4535	2925	1896	1304	935	744	603
12.5°	15512	12922	10101	7710	5337	3487	2276	1553	1089	814	648
10°	16928	14244	11297	8620	6139	4062	2616	1738	1199	871	685
7.5°	18027	15191	12225	9399	6788	4540	2890	1883	1285	921	715
5°	18902	16008	12973	10037	7297	4895	3102	1994	1348	963	739
2.5°	19566	16611	13478	10458	7639	5142	3262	2088	1401	1004	761
0°	19925	16827	13910	10722	7861	5316	3370	2162	1437	1035	777
-2.5°	19983	16924	13861	10626	7852	5253	3344	2147	1442	1046	788
-5°	19451	16535	13467	10355	7591	5105	3276	2103	1431	1044	793
-7.5°	18873	15899	12828	9835	7146	4850	3145	2031	1407	1034	790
-10°	17994	15053	12127	9177	6576	4476	2921	1923	1360	1009	780
-12.5°	16728	13944	11212	8246	5882	3970	2616	1784	1291	970	763
-15°	15168	12596	9905	7323	5160	3443	2301	1611	1198	919	739
-17.5°	13546	11037	8484	6218	4324	2981	2076	1488	1117	871	709
-20°	11751	9347	7116	5120	3528	2464	1792	1338	1039	831	687

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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°	9692	7726	5758	3965	2879	2110	1566	1193	951	781	659
-25°	7749	6092	4392	3227	2343	1743	1361	1087	886	736	630
-27.5°	5861	4409	3417	2533	1904	1504	1200	975	814	699	606
-30°	4199	3326	2589	1987	1594	1281	1053	891	761	661	580
-32.5°	3009	2482	1954	1617	1325	1110	948	813	712	628	559
-35°	2212	1864	1557	1325	1130	984	853	756	669	595	538
-37.5°	1688	1452	1281	1115	992	880	789	706	628	569	516
-40°	1347	1195	1079	966	883	807	735	662	602	543	494
-42.5°	1129	1027	934	866	802	748	690	632	576	522	473
-45°	982	910	842	791	742	697	654	602	549	498	451
-47.5°	872	825	776	732	694	655	616	571	520	473	431
-50°	799	762	723	686	652	617	579	535	490	450	409
-52.5°	742	711	679	647	616	582	542	504	465	425	383
-55°	695	667	641	614	586	551	515	476	436	397	356
-57.5°	655	629	605	580	555	521	484	445	406	369	328
-60°	617	593	567	541	518	488	449	412	377	341	304
-62.5°	563	537	516	493	469	442	407	373	342	311	276
-65°	505	481	460	438	414	388	358	331	304	276	245
-67.5°	446	424	402	381	360	338	314	290	264	237	208
-70°	390	371	352	333	313	293	271	247	223	199	176
-72.5°	333	317	301	283	266	248	229	208	187	166	146
-75°	276	263	250	236	221	206	189	171	154	137	121
-77.5°	221	211	201	188	175	162	149	135	122	109	96
-80°	168	160	152	143	133	124	114	103	92	81	71
-82.5°	118	113	107	101	94	88	82	74	66	58	51
-85°	73	69	66	63	59	56	52	47	42	37	32
-87.5°	34	33	31	30	28	26	25	22	20	17	15
-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	1	1	0	0
65°	1	1	0	1	2	3	2	1	1	1	0
62.5°	3	3	2	2	2	3	4	3	2	2	1
60°	3	4	4	3	3	4	4	4	3	3	2
57.5°	5	5	5	5	4	4	4	4	4	4	3
55°	11	7	6	6	5	4	4	4	4	4	4
52.5°	30	16	10	8	7	5	5	4	4	4	4
50°	50	34	19	12	9	7	6	5	4	4	5
47.5°	74	54	35	19	13	9	7	6	4	4	5
45°	102	77	53	33	19	14	9	7	5	5	5
42.5°	132	104	76	48	32	21	11	9	7	5	6
40°	159	134	100	69	45	30	18	10	8	5	6
37.5°	185	161	128	92	60	42	26	12	10	7	6
35°	213	186	156	115	80	53	36	16	12	9	6
32.5°	241	211	178	140	100	64	46	26	15	10	7
30°	275	233	198	163	119	80	55	35	19	12	7
27.5°	309	254	218	182	139	97	66	43	23	14	9
25°	343	282	237	199	157	114	77	50	29	17	10
22.5°	377	311	254	215	176	131	90	59	35	21	11
20°	413	340	272	234	192	147	104	68	41	24	13
17.5°	451	370	300	253	208	161	118	78	47	28	14
15°	491	401	328	272	223	174	130	87	51	32	16
12.5°	525	429	352	291	238	185	141	96	55	36	19
10°	555	454	373	309	252	195	150	105	62	39	22
7.5°	580	475	391	326	265	206	159	112	69	42	25
5°	601	493	405	339	276	219	166	117	77	44	29
2.5°	618	507	415	350	286	231	172	122	84	46	32
0°	630	518	423	358	293	242	177	125	91	47	34
-2.5°	636	525	435	365	304	247	183	132	95	54	36
-5°	637	530	444	370	312	251	188	138	98	59	37
-7.5°	638	532	450	374	318	253	192	142	101	64	37
-10°	635	532	451	379	320	256	195	146	104	68	38
-12.5°	626	528	451	381	321	259	200	149	106	71	39
-15°	613	523	448	381	320	260	202	150	107	72	39
-17.5°	595	514	445	378	319	260	203	150	107	72	41
-20°	582	506	440	371	317	260	203	148	107	71	42

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1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627556 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5B-727-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	568	496	431	366	314	258	201	145	105	70	43
-25°	550	486	422	363	311	254	197	139	103	68	44
-27.5°	533	473	411	357	304	249	190	136	100	67	44
-30°	518	460	402	349	296	242	181	132	97	66	43
-32.5°	501	447	392	339	287	234	171	127	94	65	42
-35°	484	432	379	326	277	224	165	120	91	63	41
-37.5°	466	415	363	314	267	213	161	119	88	61	40
-40°	447	398	347	303	256	202	156	116	85	57	38
-42.5°	427	380	334	291	244	194	149	113	80	54	36
-45°	407	363	319	276	232	185	143	107	75	52	35
-47.5°	388	344	301	259	219	175	135	101	70	49	34
-50°	365	322	279	241	204	163	125	93	67	47	32
-52.5°	340	295	259	225	187	149	115	85	63	45	31
-55°	312	273	242	207	170	135	104	80	59	43	29
-57.5°	291	255	223	188	154	122	95	74	55	40	28
-60°	269	235	203	169	137	109	88	68	52	37	26
-62.5°	243	211	179	147	121	98	80	62	47	34	24
-65°	213	182	153	128	106	87	72	56	43	31	22
-67.5°	180	155	130	109	92	77	63	50	38	28	20
-70°	153	130	110	94	79	67	55	43	33	25	18
-72.5°	128	110	93	79	67	56	46	36	28	21	15
-75°	105	91	77	65	55	45	37	29	23	17	13
-77.5°	83	72	61	52	44	37	29	23	18	15	12
-80°	63	55	47	40	34	27	23	19	16	13	11
-82.5°	45	39	34	29	25	21	18	15	13	11	9
-85°	29	26	23	20	17	15	13	11	9	7	6
-87.5°	14	12	11	10	9	8	6	5	5	4	3
-90°	0	0	0	0	0	0	0	0	0	0	0

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**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	1	0	0	0
65°	1	2	2	1	0	0	0
62.5°	1	2	2	1	0	0	0
60°	1	2	3	2	0	0	0
57.5°	2	2	3	2	0	0	0
55°	2	2	3	3	1	0	0
52.5°	3	2	3	3	1	0	0
50°	4	3	3	4	1	0	0
47.5°	4	3	3	4	2	0	0
45°	5	3	3	4	2	0	0
42.5°	5	4	4	4	2	0	0
40°	6	4	4	4	2	0	0
37.5°	6	4	4	4	3	0	0
35°	7	5	4	4	3	0	0
32.5°	7	5	4	4	3	0	0
30°	7	5	4	4	3	0	0
27.5°	8	6	4	4	3	0	0
25°	8	6	4	4	3	0	0
22.5°	8	7	4	4	4	0	0
20°	8	7	4	4	4	0	0
17.5°	9	8	4	4	4	0	0
15°	9	8	4	4	4	0	0
12.5°	10	8	4	4	4	0	0
10°	10	8	4	4	4	0	0
7.5°	11	8	4	4	4	0	0
5°	12	9	4	4	4	0	0
2.5°	12	9	4	4	4	0	0
0°	13	9	4	4	4	0	0
-2.5°	15	9	5	4	4	0	0
-5°	17	9	5	4	4	0	0
-7.5°	19	10	5	4	4	0	0
-10°	21	10	6	4	4	0	0
-12.5°	23	10	6	4	4	0	0
-15°	24	11	6	4	4	1	0
-17.5°	24	11	6	4	4	1	0
-20°	25	11	7	4	4	1	0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	25	11	7	4	4	1	0
-25°	25	12	7	4	4	1	0
-27.5°	24	13	6	4	4	1	0
-30°	24	13	6	4	4	1	0
-32.5°	23	14	7	4	4	1	0
-35°	23	14	7	4	4	1	0
-37.5°	24	14	7	4	4	1	0
-40°	24	14	7	4	4	1	0
-42.5°	23	14	7	4	4	1	0
-45°	23	14	8	5	4	1	0
-47.5°	22	14	8	5	4	1	0
-50°	22	14	8	5	4	1	0
-52.5°	21	13	8	5	4	1	0
-55°	20	13	8	5	4	1	0
-57.5°	19	12	8	5	4	1	0
-60°	18	12	7	5	4	1	0
-62.5°	17	11	7	5	4	1	0
-65°	16	10	7	5	3	1	0
-67.5°	14	10	7	5	3	1	0
-70°	12	9	7	5	3	1	0
-72.5°	11	9	7	5	2	1	0
-75°	11	8	6	4	2	1	0
-77.5°	10	8	5	3	2	0	0
-80°	9	6	4	3	1	0	0
-82.5°	7	5	3	2	1	0	0
-85°	4	3	2	1	1	0	0
-87.5°	2	2	1	1	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)