

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: P626956 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA2D-727-U-MWR-VSR-XX

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P626956 (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-SA2D-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	NEMA Type:	4H x 5V
Luminaire Lumens:	11048.3 lumens	Max Intensity:	15478.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -12.5°V
Efficacy:	101.6 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		

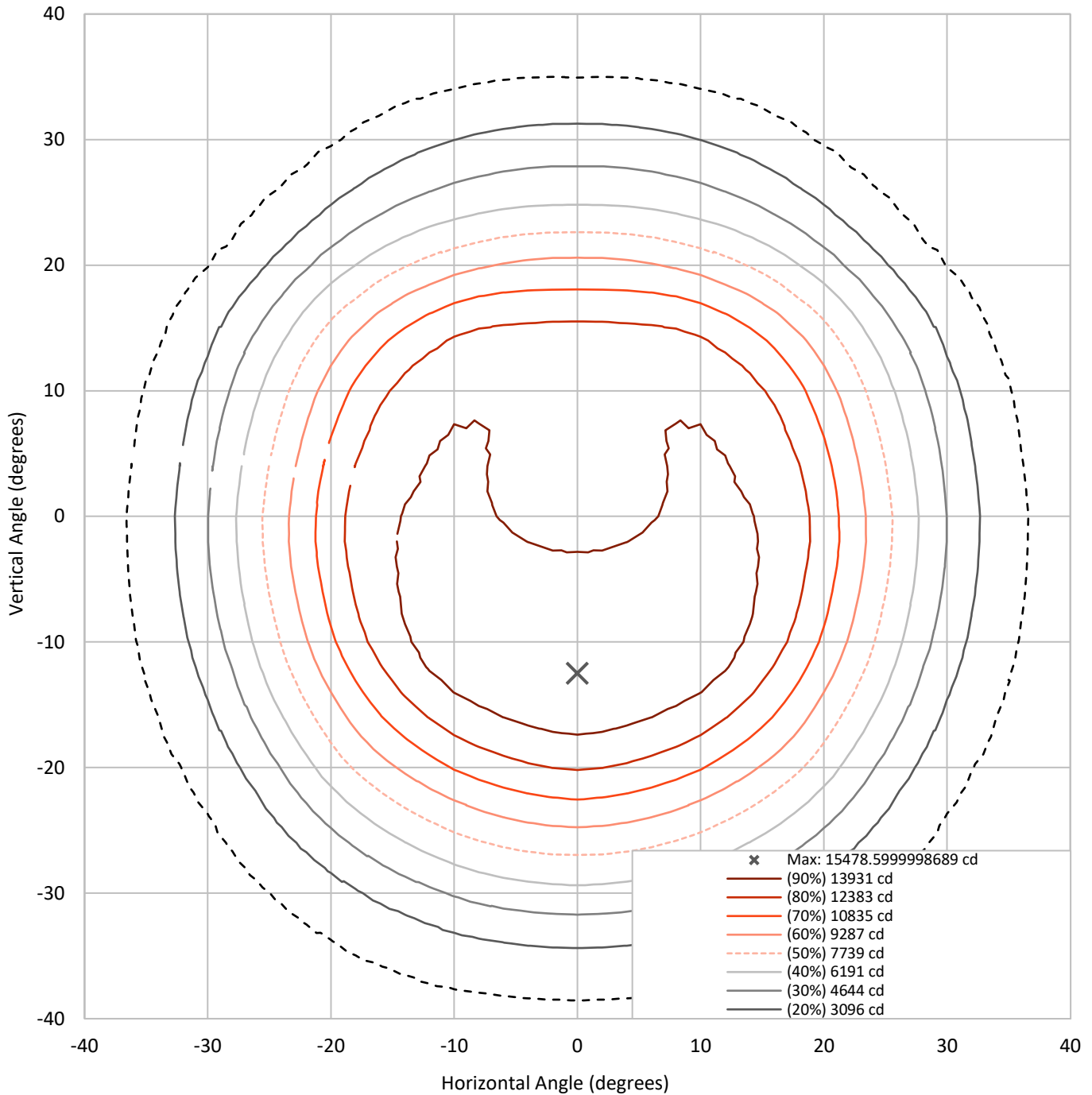
Beam Angle (50%):	46.4°H x 49.6°V	Field Angle (10%):	69.9°H x 73.3°V
Beam Lumens:	7400.1 lumens	Field Lumens:	9958.4 lumens
Beam Efficiency:	67.0%	Field Efficiency:	90.1%

Input Watts (W): 108.74  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Candela Plot





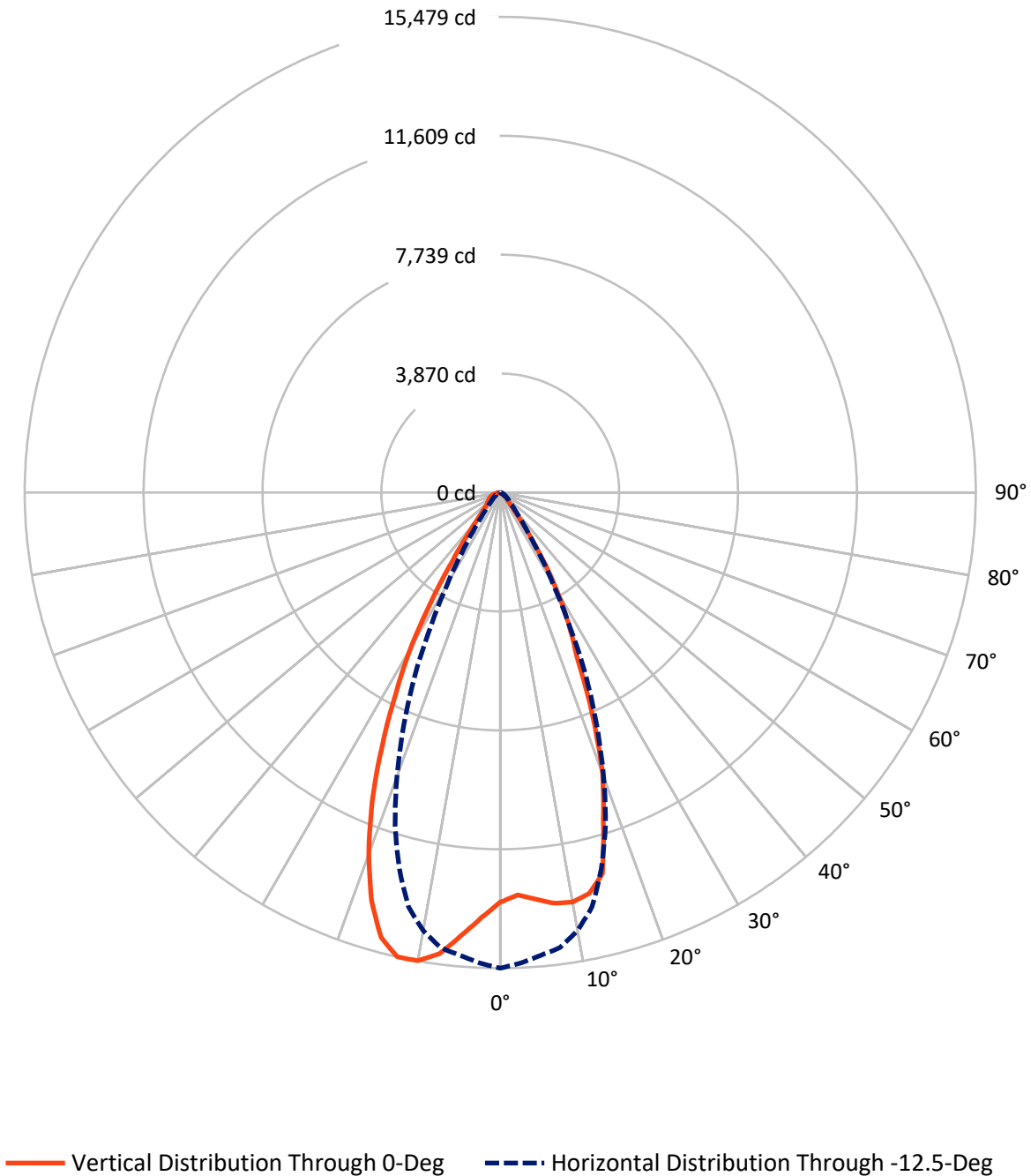
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### Lumen Table

90																			
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
70																			
60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
50		0.0	0.1	0.4	0.9	1.5	2.1	2.4	2.4	2.1	1.5	0.9	0.4	0.1	0.0				
40	0.1	0.1	0.4	1.6	3.1	5.1	7.6	9.3	9.3	7.6	5.1	3.1	1.6	0.4	0.1	0.1			
30		0.2	1.2	3.2	6.6	14.3	32.6	49.8	49.8	32.6	14.3	6.6	3.2	1.2	0.2				
20	0.1	0.4	2.1	5.2	13.9	51.4	132.2	184.9	184.9	132.2	51.4	13.9	5.2	2.1	0.4	0.1			
10		0.7	2.9	8.0	33.0	142.6	297.5	368.4	368.4	297.5	142.6	33.0	8.0	2.9	0.7				
0	0.2	1.0	3.6	10.3	52.5	210.0	383.6	415.9	415.9	383.6	210.0	52.5	10.3	3.6	1.0	0.2			
-10		1.1	3.9	11.0	55.0	216.9	397.4	441.4	441.4	397.4	216.9	55.0	11.0	3.9	1.1				
-20	0.3	1.2	4.0	10.0	39.3	161.5	335.3	428.1	428.1	335.3	161.5	39.3	10.0	4.0	1.2	0.3			
-30		1.2	3.8	8.3	22.0	78.4	186.8	262.9	262.9	186.8	78.4	22.0	8.3	3.8	1.2				
-40	0.3	1.0	3.4	6.9	13.1	27.9	58.4	86.6	86.6	58.4	27.9	13.1	6.9	3.4	1.0	0.3			
-50		0.9	2.8	5.8	9.6	14.2	19.9	23.6	23.6	19.9	14.2	9.6	5.8	2.8	0.9				
-60	0.2	0.7	2.1	4.5	7.5	10.4	13.0	14.2	14.2	13.0	10.4	7.5	4.5	2.1	0.7	0.2			
-70		0.4	1.4	3.1	5.3	7.5	9.5	10.6	10.6	9.5	7.5	5.3	3.1	1.4	0.4				
-80	0.1	1.2	5.6	11.8	15.2	11.8	5.6	1.2	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

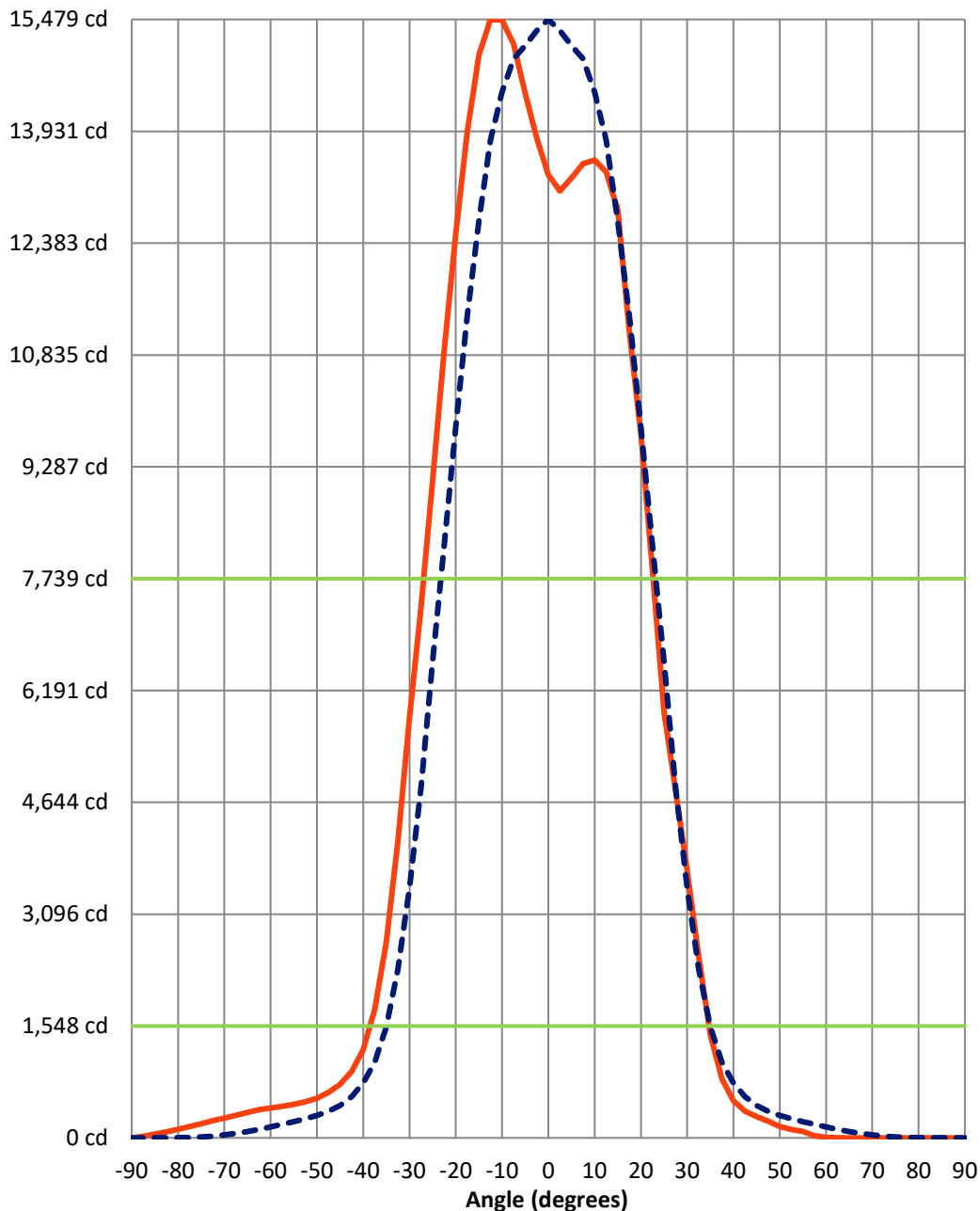
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 46.4°  
 V Angle: 49.6°  
 Lumens: 7400.1  
 Efficiency: 67.0%

**Field:**  
 H Angle: 69.9°  
 V Angle: 73.3°  
 Lumens: 9958.4  
 Efficiency: 90.1%

**Spill:**  
 Lumens: 1090  
 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	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	0	1	1	2
60°	0	0	0	1	2	1	0	1	2	2	2
57.5°	0	0	0	1	2	1	1	2	2	2	3
55°	0	0	0	2	2	1	1	2	2	3	3
52.5°	0	0	1	2	2	1	2	3	2	3	3
50°	0	0	1	2	2	2	2	3	3	3	3
47.5°	0	0	1	2	2	2	3	3	3	3	3
45°	0	0	1	2	2	2	3	3	3	3	4
42.5°	0	0	1	2	2	2	3	3	3	4	5
40°	0	0	1	3	2	2	3	3	3	5	6
37.5°	0	0	1	3	2	2	4	4	4	6	7
35°	0	0	2	3	2	3	4	4	5	7	9
32.5°	0	0	2	3	2	3	4	4	6	9	15
30°	0	0	2	3	2	3	4	4	7	11	20
27.5°	0	0	2	3	3	4	5	5	8	14	25
25°	0	0	2	3	3	4	5	6	10	17	29
22.5°	0	0	2	3	3	4	5	7	12	21	35
20°	0	0	2	3	3	4	5	8	14	24	40
17.5°	0	0	2	3	3	4	5	8	17	27	46
15°	0	0	2	3	3	5	6	9	19	30	51
12.5°	0	0	2	3	3	5	6	11	21	33	57
10°	0	0	2	3	3	5	6	13	23	37	62
7.5°	0	0	2	3	3	5	7	15	24	41	66
5°	0	0	2	3	3	5	7	17	26	45	69
2.5°	0	0	2	3	3	5	7	19	27	49	72
0°	0	0	3	3	3	5	8	20	28	53	74
-2.5°	0	0	2	3	3	5	9	21	32	56	78
-5°	0	0	2	3	3	6	10	22	35	58	81
-7.5°	0	0	2	3	3	6	11	22	38	59	84
-10°	0	0	2	3	3	6	12	22	40	61	86
-12.5°	0	0	2	3	4	6	13	23	42	62	88
-15°	0	0	2	3	4	6	14	23	43	63	88
-17.5°	0	0	2	3	4	6	14	24	42	63	88
-20°	0	0	2	3	4	6	14	25	42	63	87

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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0	0	2	3	4	7	15	25	41	62	85
-25°	0	0	2	3	4	7	15	26	40	61	82
-27.5°	0	1	2	3	4	7	14	26	39	59	80
-30°	0	1	2	3	4	8	14	25	39	57	78
-32.5°	0	1	2	3	4	8	14	25	38	56	75
-35°	0	1	2	3	4	8	14	24	37	54	71
-37.5°	0	1	2	3	4	8	14	23	36	52	70
-40°	0	1	2	3	4	8	14	22	33	50	68
-42.5°	0	1	2	3	4	8	14	21	32	47	66
-45°	0	1	2	3	4	8	14	21	30	44	63
-47.5°	0	1	2	3	5	8	13	20	29	41	59
-50°	0	1	2	3	5	8	13	19	28	39	55
-52.5°	0	1	2	3	5	8	12	18	26	37	50
-55°	0	1	2	3	5	8	12	17	25	35	47
-57.5°	0	1	2	3	5	7	11	16	23	33	43
-60°	0	1	2	3	4	7	11	15	22	30	40
-62.5°	0	1	2	3	4	7	10	14	20	28	37
-65°	0	0	2	3	4	6	9	13	18	25	33
-67.5°	0	0	2	3	4	6	8	12	16	22	29
-70°	0	0	2	3	4	5	7	10	14	19	25
-72.5°	0	0	1	3	4	5	7	9	12	16	21
-75°	0	0	1	2	4	5	6	8	10	13	17
-77.5°	0	0	1	2	3	5	6	7	9	11	13
-80°	0	0	1	2	3	4	5	6	8	9	11
-82.5°	0	0	1	1	2	3	4	5	6	8	9
-85°	0	0	0	1	1	2	3	3	4	5	6
-87.5°	0	0	0	0	1	1	1	2	2	3	3
-90°	0	0	0	0	0	0	0	0	0	0	0





REPORT NUMBER: P626956 (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°	1	2	1	1	0	1	1	1	0	0	0
62.5°	2	2	1	1	1	2	1	1	0	1	1
60°	3	2	2	2	3	2	2	2	2	2	6
57.5°	3	2	2	3	3	3	3	4	9	15	17
55°	3	2	3	3	4	4	7	14	21	26	28
52.5°	3	3	4	5	6	10	17	26	33	38	45
50°	3	4	5	7	11	20	30	39	47	56	65
47.5°	4	5	8	11	21	32	43	55	65	77	91
45°	5	8	11	20	31	45	60	73	84	97	109
42.5°	6	12	19	28	44	61	78	89	100	115	131
40°	11	17	27	41	59	79	93	105	118	138	158
37.5°	16	24	35	54	75	95	109	123	141	165	188
35°	21	31	47	68	92	110	125	143	168	195	223
32.5°	27	37	59	82	105	124	141	168	194	224	262
30°	33	47	70	96	117	137	162	191	217	253	299
27.5°	39	57	82	107	128	149	182	210	240	281	336
25°	45	67	93	117	139	166	202	232	262	315	388
22.5°	53	77	103	126	150	183	222	259	299	351	442
20°	61	86	113	138	160	200	243	288	343	416	535
17.5°	69	95	122	149	177	218	265	319	388	478	653
15°	76	102	131	160	193	236	289	355	438	550	767
12.5°	83	109	140	171	207	252	309	381	479	640	913
10°	88	115	148	182	219	267	326	403	512	705	1022
7.5°	93	121	156	192	230	280	341	421	542	756	1107
5°	97	129	163	199	238	290	354	434	566	793	1173
2.5°	101	136	168	206	244	298	363	447	590	824	1228
0°	104	142	173	211	249	304	370	457	609	845	1271
-2.5°	108	145	179	215	256	309	374	464	615	848	1263
-5°	111	148	184	217	261	312	375	466	614	841	1237
-7.5°	113	149	187	220	264	313	375	465	608	827	1195
-10°	115	151	188	223	265	313	373	459	593	800	1131
-12.5°	117	152	189	224	265	311	368	449	571	759	1049
-15°	119	153	188	224	264	307	360	434	540	705	948
-17.5°	120	153	188	222	262	303	350	417	513	657	875
-20°	119	153	187	218	259	297	343	404	489	611	787

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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	118	152	185	215	254	292	334	388	459	559	702
-25°	116	150	183	213	248	286	323	370	433	521	639
-27.5°	112	147	179	210	242	278	314	357	411	479	574
-30°	106	142	174	205	237	271	305	341	389	448	524
-32.5°	101	138	169	199	230	263	295	329	369	419	478
-35°	97	132	163	192	223	254	285	316	350	394	445
-37.5°	95	125	157	184	214	244	274	304	335	369	415
-40°	92	119	150	178	204	234	263	291	320	354	389
-42.5°	88	114	143	171	196	224	251	278	307	339	372
-45°	84	109	136	162	188	213	240	265	293	323	354
-47.5°	79	103	129	152	177	203	228	253	278	306	336
-50°	74	96	120	142	164	189	215	240	265	288	314
-52.5°	68	87	110	132	152	174	200	226	250	273	296
-55°	61	80	100	122	142	161	183	209	233	256	280
-57.5°	56	72	91	111	131	150	171	193	217	239	262
-60°	52	64	80	99	119	138	158	179	200	222	242
-62.5°	47	58	71	87	105	124	143	162	183	201	220
-65°	42	51	62	75	90	107	125	144	162	179	194
-67.5°	37	45	54	64	77	91	106	123	140	155	171
-70°	32	39	47	55	65	76	90	103	117	131	146
-72.5°	27	33	39	46	55	65	75	86	98	110	122
-75°	22	27	32	38	45	53	62	71	81	91	101
-77.5°	17	22	26	30	36	42	49	56	64	72	80
-80°	13	16	20	24	28	32	37	42	48	54	61
-82.5°	11	13	15	17	20	23	26	30	34	39	43
-85°	8	9	10	12	13	15	17	19	22	25	28
-87.5°	4	4	5	6	7	7	8	9	10	12	13
-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	1	2	2	2	2
60°	7	5	6	8	8	6	9	10	9	8	8
57.5°	18	19	22	26	28	30	32	35	37	38	39
55°	33	39	46	49	55	63	70	71	72	74	78
52.5°	52	60	63	69	80	87	90	96	103	109	114
50°	76	82	90	100	110	117	119	129	142	152	158
47.5°	100	108	122	139	148	156	166	180	194	208	220
45°	122	137	155	170	182	195	209	226	248	268	284
42.5°	147	164	182	200	213	235	259	279	311	338	356
40°	176	193	219	241	267	295	338	378	418	464	497
37.5°	211	238	274	309	349	390	466	545	609	698	748
35°	254	295	346	398	462	560	672	823	980	1112	1238
32.5°	303	355	426	519	626	783	951	1230	1502	1773	2040
30°	351	427	535	664	839	1088	1405	1835	2302	2711	3081
27.5°	415	524	664	855	1153	1519	2104	2702	3296	3826	4208
25°	492	638	836	1154	1584	2190	2974	3707	4404	4925	5363
22.5°	605	823	1104	1508	2289	3132	4070	4993	5776	6431	6863
20°	743	1039	1509	2241	3160	4214	5421	6391	7356	8094	8752
17.5°	939	1410	2074	3004	4101	5508	6750	7833	9058	9811	10483
15°	1115	1720	2668	3854	5140	6630	8096	9421	10604	11432	12183
12.5°	1339	2051	3139	4535	5941	7601	9124	10543	11702	12554	13080
10°	1538	2389	3611	5070	6645	8378	9957	11435	12556	13215	13602
7.5°	1700	2671	3993	5528	7191	8935	10603	12070	13143	13694	13958
5°	1825	2879	4292	5904	7631	9416	11118	12553	13457	13913	14061
2.5°	1919	3025	4493	6151	7928	9771	11509	12923	13694	14023	14072
0°	1982	3127	4624	6307	8182	9898	11720	13156	13890	14154	14179
-2.5°	1967	3090	4618	6250	8153	9955	11754	13171	13956	14311	14369
-5°	1927	3003	4465	6090	7921	9726	11441	12938	13901	14437	14674
-7.5°	1850	2853	4203	5785	7545	9352	11101	12654	13763	14516	14980
-10°	1718	2633	3868	5398	7133	8854	10584	12196	13390	14297	14943
-12.5°	1539	2335	3460	4850	6595	8202	9839	11384	12686	13805	14473
-15°	1353	2025	3035	4308	5826	7409	8922	10437	11723	12769	13603
-17.5°	1221	1754	2544	3657	4991	6492	7968	9360	10521	11504	12378
-20°	1054	1450	2075	3011	4185	5498	6912	8151	9187	10109	10944



REPORT NUMBER: P626956 (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°	921	1241	1693	2332	3387	4544	5701	6842	7816	8637	9350
-25°	801	1025	1378	1898	2584	3583	4558	5521	6421	7184	7826
-27.5°	706	884	1120	1490	2010	2593	3447	4252	5026	5724	6329
-30°	619	753	938	1169	1523	1956	2470	3072	3688	4239	4789
-32.5°	558	653	779	951	1149	1460	1770	2175	2566	2967	3362
-35°	502	579	665	780	916	1097	1301	1549	1757	2020	2263
-37.5°	464	518	584	656	753	854	993	1143	1273	1419	1542
-40°	432	475	519	568	635	703	793	877	959	1048	1115
-42.5°	406	440	472	510	549	604	664	717	766	819	863
-45°	385	410	436	465	496	535	578	617	649	679	702
-47.5°	362	385	408	431	456	485	513	538	565	588	604
-50°	340	363	384	403	425	448	470	490	509	526	537
-52.5°	319	342	363	381	399	418	436	454	471	486	493
-55°	303	324	345	361	377	392	409	426	442	456	460
-57.5°	285	307	326	341	356	370	385	401	416	430	434
-60°	264	287	304	318	333	349	363	377	391	403	408
-62.5°	240	260	276	290	303	316	331	346	361	373	380
-65°	210	228	243	258	270	283	297	311	324	335	342
-67.5°	185	199	212	224	237	249	263	275	288	297	303
-70°	159	172	184	196	207	218	229	240	251	259	265
-72.5°	135	146	156	167	177	187	196	205	214	221	227
-75°	111	121	130	139	147	155	162	169	176	182	188
-77.5°	88	96	103	111	118	124	130	135	141	146	150
-80°	67	73	78	84	90	94	99	103	107	111	114
-82.5°	48	52	56	59	63	66	69	73	75	78	81
-85°	31	33	35	37	39	41	43	45	46	48	50
-87.5°	15	16	16	17	18	19	20	21	22	23	24
-90°	0	0	0	0	0	0	0	0	0	0	0



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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°	2	2	2	2	2	2	2	2	2	2	2
60°	8	8	8	8	8	8	8	8	8	9	10
57.5°	38	36	33	31	33	36	38	39	38	37	35
55°	83	88	90	89	90	88	83	78	74	72	71
52.5°	118	120	119	117	119	120	118	114	109	103	96
50°	161	161	160	157	160	161	161	158	152	142	129
47.5°	226	230	231	231	231	230	226	220	208	194	180
45°	290	293	295	294	295	293	290	284	268	248	226
42.5°	365	371	372	371	372	371	365	356	338	311	279
40°	517	524	521	513	521	524	517	497	464	418	378
37.5°	783	809	819	820	819	809	783	748	698	609	545
35°	1351	1442	1483	1431	1483	1442	1351	1238	1112	980	823
32.5°	2257	2417	2507	2507	2507	2417	2257	2040	1773	1502	1230
30°	3360	3561	3674	3698	3674	3561	3360	3081	2711	2302	1835
27.5°	4505	4712	4820	4804	4820	4712	4505	4208	3826	3296	2702
25°	5653	5810	5901	5903	5901	5810	5653	5363	4925	4404	3707
22.5°	7349	7680	7816	7852	7816	7680	7349	6863	6431	5776	4993
20°	9198	9519	9725	9738	9725	9519	9198	8752	8094	7356	6391
17.5°	10960	11119	11148	11162	11148	11119	10960	10483	9811	9058	7833
15°	12621	12676	12823	12842	12823	12676	12621	12183	11432	10604	9421
12.5°	13410	13461	13435	13367	13435	13461	13410	13080	12554	11702	10543
10°	13839	13767	13661	13532	13661	13767	13839	13602	13215	12556	11435
7.5°	13937	13857	13668	13481	13668	13857	13937	13958	13694	13143	12070
5°	13983	13749	13510	13283	13510	13749	13983	14061	13913	13457	12553
2.5°	13956	13677	13350	13106	13350	13677	13956	14072	14023	13694	12923
0°	14045	13763	13420	13329	13420	13763	14045	14179	14154	13890	13156
-2.5°	14293	14064	13885	13837	13885	14064	14293	14369	14311	13956	13171
-5°	14739	14688	14384	14456	14384	14688	14739	14674	14437	13901	12938
-7.5°	15169	15098	14969	15136	14969	15098	15169	14980	14516	13763	12654
-10°	15284	15261	15321	15468	15321	15261	15284	14943	14297	13390	12196
-12.5°	14933	15117	15323	15479	15323	15117	14933	14473	13805	12686	11384
-15°	14150	14526	14835	14981	14835	14526	14150	13603	12769	11723	10437
-17.5°	12997	13458	13824	13928	13824	13458	12997	12378	11504	10521	9360
-20°	11577	12046	12379	12512	12379	12046	11577	10944	10109	9187	8151

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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°	9979	10437	10739	10898	10739	10437	9979	9350	8637	7816	6842
-25°	8357	8760	9028	9098	9028	8760	8357	7826	7184	6421	5521
-27.5°	6807	7131	7328	7350	7328	7131	6807	6329	5724	5026	4252
-30°	5247	5548	5719	5809	5719	5548	5247	4789	4239	3688	3072
-32.5°	3685	3924	4068	4106	4068	3924	3685	3362	2967	2566	2175
-35°	2457	2605	2697	2716	2697	2605	2457	2263	2020	1757	1549
-37.5°	1643	1715	1760	1782	1760	1715	1643	1542	1419	1273	1143
-40°	1164	1198	1217	1221	1217	1198	1164	1115	1048	959	877
-42.5°	890	907	916	919	916	907	890	863	819	766	717
-45°	719	731	739	741	739	731	719	702	679	649	617
-47.5°	615	623	628	629	628	623	615	604	588	565	538
-50°	543	547	549	548	549	547	543	537	526	509	490
-52.5°	497	500	501	500	501	500	497	493	486	471	454
-55°	463	465	466	464	466	465	463	460	456	442	426
-57.5°	437	440	439	437	439	440	437	434	430	416	401
-60°	412	415	415	414	415	415	412	408	403	391	377
-62.5°	386	391	392	391	392	391	386	380	373	361	346
-65°	349	355	355	353	355	355	349	342	335	324	311
-67.5°	308	313	313	312	313	313	308	303	297	288	275
-70°	270	275	275	274	275	275	270	265	259	251	240
-72.5°	232	237	238	239	238	237	232	227	221	214	205
-75°	192	197	197	195	197	197	192	188	182	176	169
-77.5°	155	159	158	157	158	159	155	150	146	141	135
-80°	118	121	120	119	120	121	118	114	111	107	103
-82.5°	84	86	85	84	85	86	84	81	78	75	73
-85°	52	53	53	53	53	53	52	50	48	46	45
-87.5°	25	25	24	23	24	25	25	24	23	22	21
-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°	9	6	8	8	6	5	7	6	2	2	2
57.5°	32	30	28	26	22	19	18	17	15	9	4
55°	70	63	55	49	46	39	33	28	26	21	14
52.5°	90	87	80	69	63	60	52	45	38	33	26
50°	119	117	110	100	90	82	76	65	56	47	39
47.5°	166	156	148	139	122	108	100	91	77	65	55
45°	209	195	182	170	155	137	122	109	97	84	73
42.5°	259	235	213	200	182	164	147	131	115	100	89
40°	338	295	267	241	219	193	176	158	138	118	105
37.5°	466	390	349	309	274	238	211	188	165	141	123
35°	672	560	462	398	346	295	254	223	195	168	143
32.5°	951	783	626	519	426	355	303	262	224	194	168
30°	1405	1088	839	664	535	427	351	299	253	217	191
27.5°	2104	1519	1153	855	664	524	415	336	281	240	210
25°	2974	2190	1584	1154	836	638	492	388	315	262	232
22.5°	4070	3132	2289	1508	1104	823	605	442	351	299	259
20°	5421	4214	3160	2241	1509	1039	743	535	416	343	288
17.5°	6750	5508	4101	3004	2074	1410	939	653	478	388	319
15°	8096	6630	5140	3854	2668	1720	1115	767	550	438	355
12.5°	9124	7601	5941	4535	3139	2051	1339	913	640	479	381
10°	9957	8378	6645	5070	3611	2389	1538	1022	705	512	403
7.5°	10603	8935	7191	5528	3993	2671	1700	1107	756	542	421
5°	11118	9416	7631	5904	4292	2879	1825	1173	793	566	434
2.5°	11509	9771	7928	6151	4493	3025	1919	1228	824	590	447
0°	11720	9898	8182	6307	4624	3127	1982	1271	845	609	457
-2.5°	11754	9955	8153	6250	4618	3090	1967	1263	848	615	464
-5°	11441	9726	7921	6090	4465	3003	1927	1237	841	614	466
-7.5°	11101	9352	7545	5785	4203	2853	1850	1195	827	608	465
-10°	10584	8854	7133	5398	3868	2633	1718	1131	800	593	459
-12.5°	9839	8202	6595	4850	3460	2335	1539	1049	759	571	449
-15°	8922	7409	5826	4308	3035	2025	1353	948	705	540	434
-17.5°	7968	6492	4991	3657	2544	1754	1221	875	657	513	417
-20°	6912	5498	4185	3011	2075	1450	1054	787	611	489	404

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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°	5701	4544	3387	2332	1693	1241	921	702	559	459	388
-25°	4558	3583	2584	1898	1378	1025	801	639	521	433	370
-27.5°	3447	2593	2010	1490	1120	884	706	574	479	411	357
-30°	2470	1956	1523	1169	938	753	619	524	448	389	341
-32.5°	1770	1460	1149	951	779	653	558	478	419	369	329
-35°	1301	1097	916	780	665	579	502	445	394	350	316
-37.5°	993	854	753	656	584	518	464	415	369	335	304
-40°	793	703	635	568	519	475	432	389	354	320	291
-42.5°	664	604	549	510	472	440	406	372	339	307	278
-45°	578	535	496	465	436	410	385	354	323	293	265
-47.5°	513	485	456	431	408	385	362	336	306	278	253
-50°	470	448	425	403	384	363	340	314	288	265	240
-52.5°	436	418	399	381	363	342	319	296	273	250	226
-55°	409	392	377	361	345	324	303	280	256	233	209
-57.5°	385	370	356	341	326	307	285	262	239	217	193
-60°	363	349	333	318	304	287	264	242	222	200	179
-62.5°	331	316	303	290	276	260	240	220	201	183	162
-65°	297	283	270	258	243	228	210	194	179	162	144
-67.5°	263	249	237	224	212	199	185	171	155	140	123
-70°	229	218	207	196	184	172	159	146	131	117	103
-72.5°	196	187	177	167	156	146	135	122	110	98	86
-75°	162	155	147	139	130	121	111	101	91	81	71
-77.5°	130	124	118	111	103	96	88	80	72	64	56
-80°	99	94	90	84	78	73	67	61	54	48	42
-82.5°	69	66	63	59	56	52	48	43	39	34	30
-85°	43	41	39	37	35	33	31	28	25	22	19
-87.5°	20	19	18	17	16	16	15	13	12	10	9
-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°	1	2	1	1	1	2	2	2	1	1	0
60°	2	2	3	2	2	2	3	2	2	2	1
57.5°	3	3	3	3	2	2	3	3	2	2	2
55°	7	4	4	3	3	2	3	3	3	2	2
52.5°	17	10	6	5	4	3	3	3	3	2	3
50°	30	20	11	7	5	4	3	3	3	3	3
47.5°	43	32	21	11	8	5	4	3	3	3	3
45°	60	45	31	20	11	8	5	4	3	3	3
42.5°	78	61	44	28	19	12	6	5	4	3	3
40°	93	79	59	41	27	17	11	6	5	3	3
37.5°	109	95	75	54	35	24	16	7	6	4	4
35°	125	110	92	68	47	31	21	9	7	5	4
32.5°	141	124	105	82	59	37	27	15	9	6	4
30°	162	137	117	96	70	47	33	20	11	7	4
27.5°	182	149	128	107	82	57	39	25	14	8	5
25°	202	166	139	117	93	67	45	29	17	10	6
22.5°	222	183	150	126	103	77	53	35	21	12	7
20°	243	200	160	138	113	86	61	40	24	14	8
17.5°	265	218	177	149	122	95	69	46	27	17	8
15°	289	236	193	160	131	102	76	51	30	19	9
12.5°	309	252	207	171	140	109	83	57	33	21	11
10°	326	267	219	182	148	115	88	62	37	23	13
7.5°	341	280	230	192	156	121	93	66	41	24	15
5°	354	290	238	199	163	129	97	69	45	26	17
2.5°	363	298	244	206	168	136	101	72	49	27	19
0°	370	304	249	211	173	142	104	74	53	28	20
-2.5°	374	309	256	215	179	145	108	78	56	32	21
-5°	375	312	261	217	184	148	111	81	58	35	22
-7.5°	375	313	264	220	187	149	113	84	59	38	22
-10°	373	313	265	223	188	151	115	86	61	40	22
-12.5°	368	311	265	224	189	152	117	88	62	42	23
-15°	360	307	264	224	188	153	119	88	63	43	23
-17.5°	350	303	262	222	188	153	120	88	63	42	24
-20°	343	297	259	218	187	153	119	87	63	42	25

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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°	334	292	254	215	185	152	118	85	62	41	25
-25°	323	286	248	213	183	150	116	82	61	40	26
-27.5°	314	278	242	210	179	147	112	80	59	39	26
-30°	305	271	237	205	174	142	106	78	57	39	25
-32.5°	295	263	230	199	169	138	101	75	56	38	25
-35°	285	254	223	192	163	132	97	71	54	37	24
-37.5°	274	244	214	184	157	125	95	70	52	36	23
-40°	263	234	204	178	150	119	92	68	50	33	22
-42.5°	251	224	196	171	143	114	88	66	47	32	21
-45°	240	213	188	162	136	109	84	63	44	30	21
-47.5°	228	203	177	152	129	103	79	59	41	29	20
-50°	215	189	164	142	120	96	74	55	39	28	19
-52.5°	200	174	152	132	110	87	68	50	37	26	18
-55°	183	161	142	122	100	80	61	47	35	25	17
-57.5°	171	150	131	111	91	72	56	43	33	23	16
-60°	158	138	119	99	80	64	52	40	30	22	15
-62.5°	143	124	105	87	71	58	47	37	28	20	14
-65°	125	107	90	75	62	51	42	33	25	18	13
-67.5°	106	91	77	64	54	45	37	29	22	16	12
-70°	90	76	65	55	47	39	32	25	19	14	10
-72.5°	75	65	55	46	39	33	27	21	16	12	9
-75°	62	53	45	38	32	27	22	17	13	10	8
-77.5°	49	42	36	30	26	22	17	13	11	9	7
-80°	37	32	28	24	20	16	13	11	9	8	6
-82.5°	26	23	20	17	15	13	11	9	8	6	5
-85°	17	15	13	12	10	9	8	6	5	4	3
-87.5°	8	7	7	6	5	4	4	3	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: P626956 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2D-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°	0	1	2	1	0	0	0
57.5°	1	1	2	1	0	0	0
55°	1	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	2	1	0	0
45°	3	2	2	2	1	0	0
42.5°	3	2	2	2	1	0	0
40°	3	2	2	3	1	0	0
37.5°	4	2	2	3	1	0	0
35°	4	3	2	3	2	0	0
32.5°	4	3	2	3	2	0	0
30°	4	3	2	3	2	0	0
27.5°	5	4	3	3	2	0	0
25°	5	4	3	3	2	0	0
22.5°	5	4	3	3	2	0	0
20°	5	4	3	3	2	0	0
17.5°	5	4	3	3	2	0	0
15°	6	5	3	3	2	0	0
12.5°	6	5	3	3	2	0	0
10°	6	5	3	3	2	0	0
7.5°	7	5	3	3	2	0	0
5°	7	5	3	3	2	0	0
2.5°	7	5	3	3	2	0	0
0°	8	5	3	3	3	0	0
-2.5°	9	5	3	3	2	0	0
-5°	10	6	3	3	2	0	0
-7.5°	11	6	3	3	2	0	0
-10°	12	6	3	3	2	0	0
-12.5°	13	6	4	3	2	0	0
-15°	14	6	4	3	2	0	0
-17.5°	14	6	4	3	2	0	0
-20°	14	6	4	3	2	0	0

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CATALOG NUMBER: GFLD-SA2D-727-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

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