

Classified  
Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269



Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P627366 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-722-U-MWR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627366 (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: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA4C-722-U-MWR-VSR-XX  
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR  
Light Source: (64) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 16883.1 lumens  
Efficiency: N/A  
Efficacy: 100.4 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')

NEMA Type: 4H x 5V  
Max Intensity: 23653 candela  
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V  
Beam Lumens: 11308.2 lumens  
Beam Efficiency: 67.0%

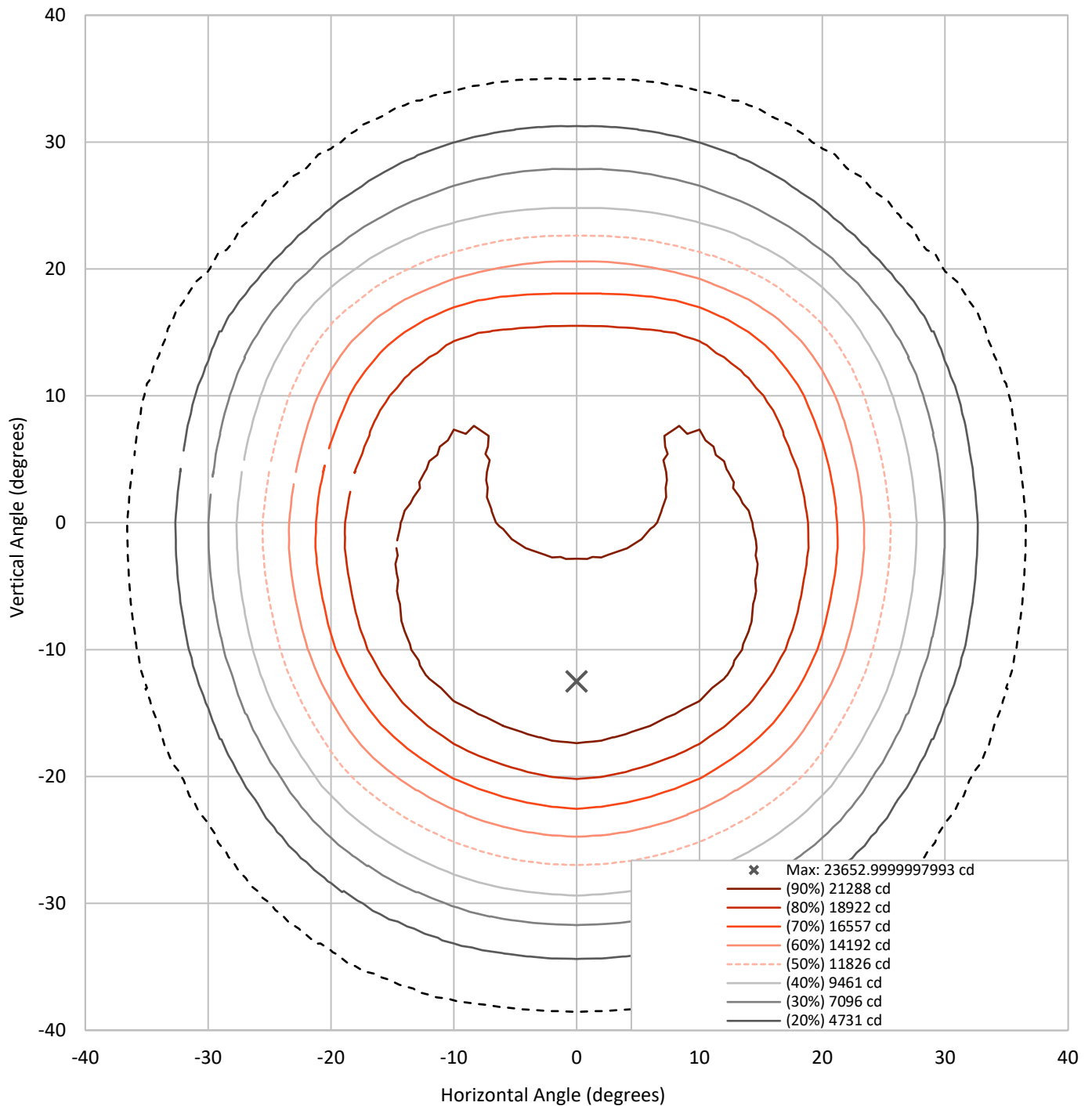
Field Angle (10%): 69.9°H x 73.3°V  
Field Lumens: 15217.5 lumens  
Field Efficiency: 90.1%

Input Watts (W): 168.2  
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



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### Iso-Candela Plot





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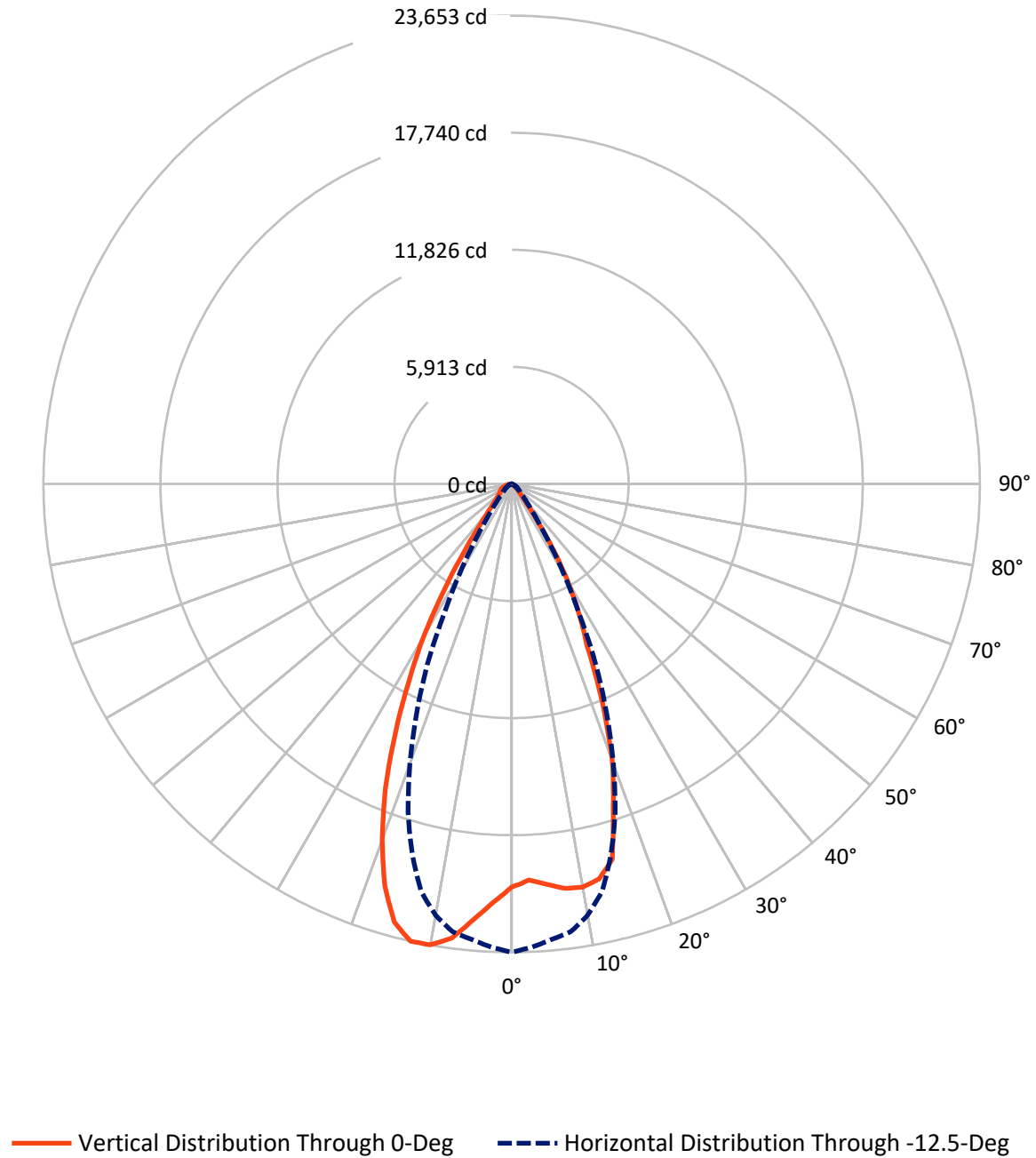
CATALOG NUMBER: GFLD-SA4C-722-U-MWR-VSR-XX

### 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				
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	0.5	1.4	2.3	3.2	3.7	3.7	3.2	2.3	1.4	0.5	0.1		0.1			
40	0.1	0.1	0.7	2.4	4.7	7.8	11.6	14.2	14.2	11.6	7.8	4.7	2.4	0.7	0.1	0.1			
30		0.3	1.9	4.9	10.1	21.9	49.8	76.1	76.1	49.8	21.9	10.1	4.9	1.9	0.3				
20	0.2	0.7	3.1	7.9	21.2	78.5	202.1	282.5	282.5	202.1	78.5	21.2	7.9	3.1	0.7	0.2			
10		1.1	4.4	12.2	50.4	217.9	454.7	562.9	562.9	454.7	217.9	50.4	12.2	4.4	1.1				
0	0.3	1.5	5.4	15.7	80.3	320.9	586.2	635.5	635.5	586.2	320.9	80.3	15.7	5.4	1.5	0.3			
-10		1.7	6.0	16.8	84.0	331.5	607.3	674.5	674.5	607.3	331.5	84.0	16.8	6.0	1.7				
-20	0.5	1.9	6.1	15.3	60.1	246.8	512.4	654.2	654.2	512.4	246.8	60.1	15.3	6.1	1.9	0.5			
-30		1.8	5.8	12.7	33.6	119.7	285.5	401.7	401.7	285.5	119.7	33.6	12.7	5.8	1.8				
-40	0.4	1.6	5.2	10.6	20.0	42.6	89.2	132.4	132.4	89.2	42.6	20.0	10.6	5.2	1.6	0.4			
-50		1.3	4.3	8.8	14.6	21.6	30.4	36.1	36.1	30.4	21.6	14.6	8.8	4.3	1.3				
-60	0.3	1.0	3.3	6.9	11.5	15.9	19.9	21.8	21.8	19.9	15.9	11.5	6.9	3.3	1.0	0.3			
-70		0.7	2.1	4.7	8.1	11.4	14.4	16.1	16.1	14.4	11.4	8.1	4.7	2.1	0.7				
-80	0.1	1.9	8.5	18.1	23.2	18.1	8.5	1.9	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

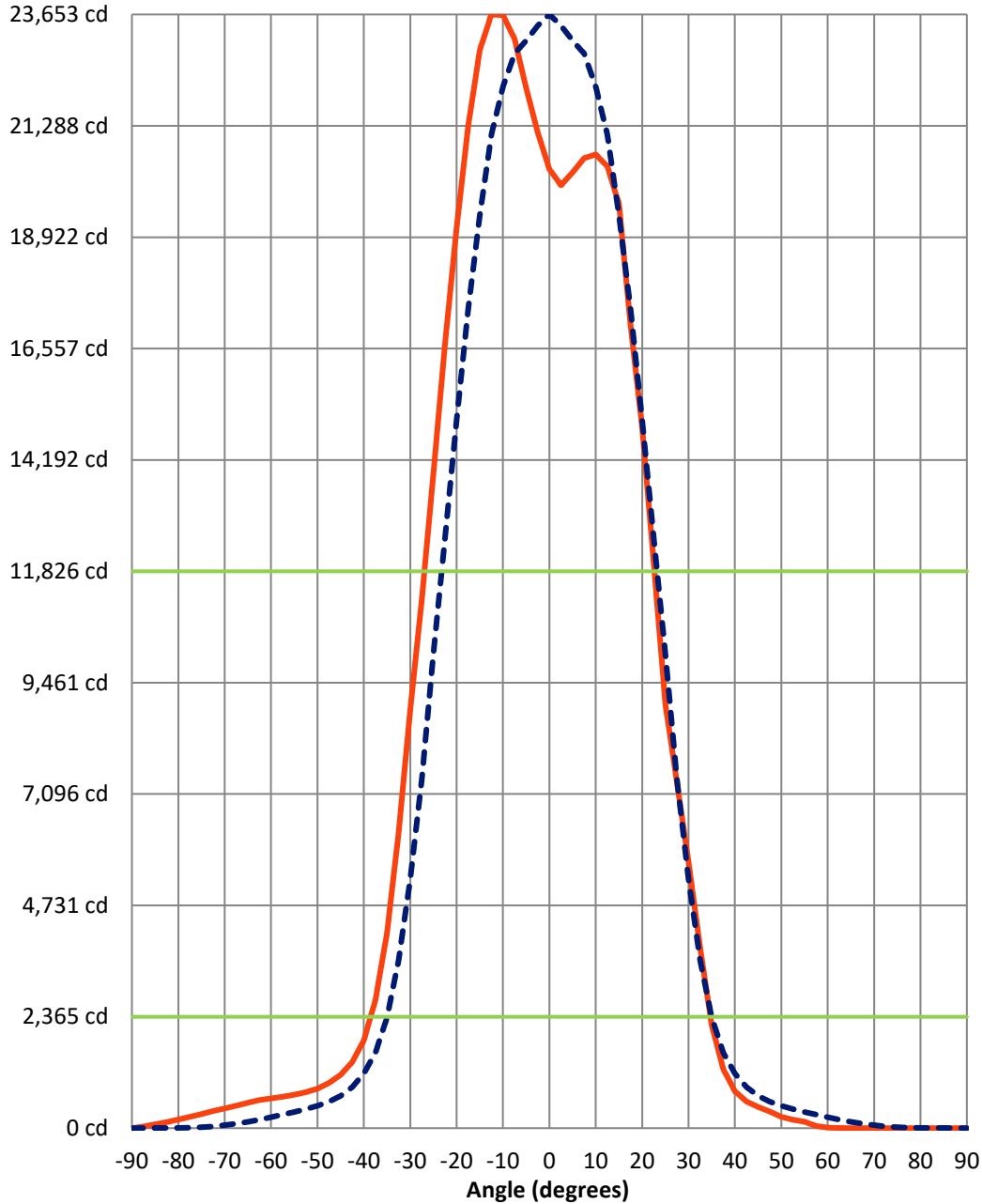
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 46.4°  
 V Angle: 49.6°  
 Lumens: 11308.2  
 Efficiency: 67.0%

**Field:**  
 H Angle: 69.9°  
 V Angle: 73.3°  
 Lumens: 15217.5  
 Efficiency: 90.1%

**Spill:**  
 Lumens: 1665.6  
 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	14
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	38
25°	0	0	3	4	4	6	7	9	16	26	45
22.5°	0	0	3	4	4	6	7	10	19	32	53
20°	0	0	3	4	4	7	8	11	22	37	61
17.5°	0	0	4	4	4	7	8	13	25	42	70
15°	0	0	4	4	4	7	8	14	29	46	78
12.5°	0	0	4	4	4	7	9	17	32	50	87
10°	0	0	4	4	4	7	9	20	35	56	94
7.5°	0	0	4	4	4	8	10	23	37	62	101
5°	0	0	4	4	4	8	11	26	39	69	105
2.5°	0	0	4	4	4	8	11	28	41	75	109
0°	0	0	4	4	4	8	12	31	43	81	112
-2.5°	0	0	4	4	4	8	14	32	48	85	118
-5°	0	0	4	4	5	9	16	33	53	88	124
-7.5°	0	0	4	4	5	9	17	34	58	91	128
-10°	0	0	4	4	5	9	19	34	62	93	131
-12.5°	0	0	4	4	5	9	20	35	64	95	134
-15°	0	0	4	4	6	10	21	35	65	96	135
-17.5°	0	1	4	4	6	10	22	36	65	96	135
-20°	0	1	4	4	6	10	22	38	64	96	133

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CATALOG NUMBER: GFLD-SA4C-722-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	63	95	130
-25°	0	1	3	4	6	11	22	39	62	93	125
-27.5°	0	1	3	4	6	11	22	39	60	90	122
-30°	0	1	3	4	6	12	22	39	59	87	119
-32.5°	0	1	3	4	6	12	21	38	58	85	114
-35°	0	1	3	4	6	13	21	37	57	82	108
-37.5°	0	1	3	4	6	13	21	36	54	79	107
-40°	0	1	3	4	6	13	21	34	51	76	105
-42.5°	0	1	3	4	7	13	21	33	49	72	101
-45°	0	1	3	4	7	13	21	31	47	68	96
-47.5°	0	1	3	4	7	13	20	30	44	63	90
-50°	0	1	3	4	7	12	19	29	42	60	84
-52.5°	0	1	3	5	7	12	19	28	40	57	76
-55°	0	1	3	5	7	11	18	26	38	53	72
-57.5°	0	1	3	5	7	11	17	25	36	50	67
-60°	0	1	3	5	7	11	16	24	33	46	61
-62.5°	0	1	3	5	7	10	15	22	31	42	56
-65°	0	1	3	5	7	9	14	20	28	38	51
-67.5°	0	1	3	5	6	9	13	18	25	34	45
-70°	0	1	3	5	6	8	11	16	22	29	39
-72.5°	0	1	2	4	6	8	10	14	19	25	32
-75°	0	0	2	4	6	7	10	12	15	20	26
-77.5°	0	0	2	3	5	7	9	11	13	16	20
-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: P627366 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-722-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	32	40	43
52.5°	4	4	6	7	9	15	27	39	50	58	68
50°	5	6	8	11	17	30	45	59	73	85	100
47.5°	7	8	12	17	31	48	66	84	100	117	139
45°	8	13	17	30	48	69	92	112	128	148	167
42.5°	10	19	28	43	68	94	119	135	154	175	201
40°	16	27	41	62	90	120	143	160	180	210	241
37.5°	24	37	54	82	115	145	166	188	216	251	288
35°	32	48	72	104	140	168	192	218	257	298	341
32.5°	41	57	90	126	160	189	216	256	297	342	401
30°	50	72	107	146	178	209	247	291	332	387	456
27.5°	59	87	125	163	196	228	278	321	367	430	513
25°	69	103	142	179	213	253	308	354	401	481	593
22.5°	81	118	158	193	228	280	339	395	457	537	675
20°	94	132	172	210	244	305	371	441	525	635	817
17.5°	106	145	187	228	270	332	406	488	593	731	998
15°	116	156	200	245	294	360	441	542	669	840	1172
12.5°	126	167	214	262	316	386	472	582	732	978	1395
10°	135	176	226	278	335	408	499	615	783	1077	1562
7.5°	143	185	238	293	352	427	522	643	828	1155	1692
5°	149	197	248	305	364	443	540	664	866	1212	1792
2.5°	154	208	257	314	373	456	555	684	902	1259	1877
0°	159	217	264	322	380	465	566	698	931	1291	1943
-2.5°	165	222	273	328	391	472	571	709	940	1296	1930
-5°	169	226	280	332	399	476	573	713	939	1286	1890
-7.5°	173	228	286	336	404	478	573	710	929	1264	1825
-10°	176	230	288	341	405	478	570	701	907	1223	1728
-12.5°	179	232	288	343	405	475	563	686	872	1160	1603
-15°	182	234	288	342	403	470	551	664	826	1077	1448
-17.5°	183	234	287	339	400	462	534	638	783	1004	1338
-20°	183	233	285	334	395	454	523	617	747	933	1203

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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°	181	232	283	329	388	446	511	593	702	855	1072
-25°	177	229	279	326	379	437	494	566	661	796	977
-27.5°	171	224	273	321	370	425	480	545	628	732	877
-30°	163	218	266	314	362	414	466	521	594	684	801
-32.5°	154	210	258	304	352	402	451	502	564	640	731
-35°	148	201	249	293	340	388	435	483	535	601	679
-37.5°	145	191	240	282	327	373	419	464	512	564	635
-40°	140	182	230	272	312	358	401	444	488	541	595
-42.5°	134	175	219	262	300	342	383	425	469	517	568
-45°	128	166	209	248	287	326	366	405	448	494	541
-47.5°	121	157	197	232	271	309	348	387	425	468	513
-50°	112	146	183	217	251	289	328	367	405	441	480
-52.5°	104	134	168	202	233	265	305	345	382	418	453
-55°	94	122	153	186	217	245	280	320	357	392	428
-57.5°	86	110	138	169	200	230	261	295	331	365	400
-60°	79	98	123	152	182	211	242	273	306	339	370
-62.5°	71	88	108	132	161	190	219	248	279	307	336
-65°	65	78	95	115	137	164	192	220	248	273	297
-67.5°	57	69	83	98	117	139	162	187	213	238	261
-70°	49	60	71	84	99	117	137	158	179	200	222
-72.5°	41	50	60	71	84	99	115	131	149	168	187
-75°	33	41	49	58	69	81	95	109	123	138	154
-77.5°	26	33	40	47	55	64	75	86	98	110	122
-80°	20	25	30	36	42	49	57	64	73	83	93
-82.5°	16	19	23	26	31	35	40	46	52	59	66
-85°	12	14	15	18	20	23	26	29	33	38	42
-87.5°	6	7	8	9	10	11	12	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	14	12	12
57.5°	27	29	34	39	43	46	50	54	56	58	60
55°	50	60	70	75	83	96	107	108	110	113	119
52.5°	80	91	97	106	122	133	138	147	157	166	174
50°	116	126	137	152	168	178	182	198	217	233	242
47.5°	152	165	186	213	226	238	254	274	296	319	337
45°	186	210	237	260	278	298	320	345	379	410	434
42.5°	224	251	278	305	325	358	396	426	475	517	544
40°	269	296	335	368	409	451	516	577	638	709	760
37.5°	323	364	419	472	533	595	712	832	930	1067	1144
35°	388	451	529	609	706	856	1027	1258	1498	1699	1892
32.5°	463	543	651	794	956	1197	1454	1880	2295	2710	3117
30°	536	653	818	1014	1282	1663	2147	2805	3518	4142	4708
27.5°	634	800	1014	1307	1762	2321	3214	4129	5037	5847	6430
25°	752	975	1278	1763	2420	3347	4544	5665	6730	7525	8195
22.5°	924	1258	1687	2305	3498	4786	6219	7629	8826	9828	10488
20°	1135	1587	2306	3425	4828	6439	8284	9767	11241	12368	13375
17.5°	1435	2154	3169	4590	6267	8416	10315	11969	13841	14993	16020
15°	1705	2629	4076	5889	7854	10132	12371	14397	16204	17470	18617
12.5°	2045	3134	4797	6930	9079	11615	13943	16112	17881	19184	19987
10°	2351	3651	5518	7748	10154	12803	15215	17473	19187	20194	20785
7.5°	2597	4081	6101	8448	10988	13654	16203	18444	20084	20926	21330
5°	2788	4400	6558	9022	11660	14388	16990	19183	20564	21261	21486
2.5°	2932	4622	6866	9400	12114	14931	17586	19748	20927	21429	21504
0°	3029	4778	7066	9637	12503	15125	17909	20104	21225	21629	21667
-2.5°	3006	4721	7057	9551	12458	15212	17961	20127	21327	21868	21957
-5°	2945	4589	6823	9307	12104	14862	17484	19771	21243	22061	22424
-7.5°	2827	4359	6423	8840	11530	14291	16964	19337	21031	22182	22892
-10°	2626	4024	5911	8249	10900	13530	16174	18637	20461	21847	22835
-12.5°	2351	3568	5287	7412	10077	12533	15036	17395	19386	21096	22117
-15°	2068	3095	4638	6583	8903	11322	13633	15949	17914	19513	20786
-17.5°	1866	2680	3887	5589	7626	9920	12176	14303	16077	17579	18915
-20°	1611	2215	3171	4602	6396	8401	10562	12455	14039	15448	16724

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REPORT NUMBER: P627366 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1408	1897	2587	3564	5175	6944	8711	10455	11943	13198	14287
-25°	1223	1567	2106	2900	3948	5476	6965	8437	9811	10978	11959
-27.5°	1078	1352	1711	2276	3072	3963	5268	6498	7680	8747	9671
-30°	947	1151	1433	1786	2327	2989	3774	4694	5636	6478	7319
-32.5°	852	998	1191	1453	1756	2230	2705	3324	3920	4534	5137
-35°	767	884	1016	1191	1399	1676	1988	2366	2685	3087	3458
-37.5°	709	791	892	1003	1151	1305	1517	1747	1945	2168	2357
-40°	660	725	793	868	970	1074	1211	1340	1466	1602	1704
-42.5°	620	672	721	779	839	923	1015	1095	1171	1251	1318
-45°	588	627	666	711	757	818	883	943	992	1037	1073
-47.5°	554	589	624	658	697	741	784	822	864	899	924
-50°	520	555	586	616	650	685	718	749	778	804	820
-52.5°	487	523	554	582	610	639	667	694	720	743	753
-55°	463	495	527	552	576	600	625	651	675	697	703
-57.5°	435	468	499	522	544	565	589	613	636	656	663
-60°	404	439	465	487	509	533	555	576	598	616	623
-62.5°	366	397	422	443	464	483	506	530	552	570	581
-65°	322	349	372	394	413	432	454	475	496	512	523
-67.5°	283	304	323	342	361	381	401	421	440	454	463
-70°	244	263	282	300	317	333	350	367	383	395	404
-72.5°	206	223	239	255	270	285	300	314	328	338	347
-75°	170	185	198	212	225	237	248	259	270	279	287
-77.5°	134	146	158	169	180	190	198	207	215	223	230
-80°	103	111	120	128	137	144	151	157	163	169	175
-82.5°	74	79	85	91	96	101	106	111	115	120	124
-85°	47	50	53	56	59	62	65	68	71	74	76
-87.5°	22	24	25	27	28	30	31	32	34	35	36
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627366 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-722-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	11	12	12	12	11	12	12	12	14	16
57.5°	58	54	51	47	51	54	58	60	58	56	54
55°	127	134	137	136	137	134	127	119	113	110	108
52.5°	180	183	183	178	183	183	180	174	166	157	147
50°	246	246	244	240	244	246	246	242	233	217	198
47.5°	346	351	353	353	353	351	346	337	319	296	274
45°	443	448	450	450	450	448	443	434	410	379	345
42.5°	558	566	569	566	569	566	558	544	517	475	426
40°	790	800	796	783	796	800	790	760	709	638	577
37.5°	1197	1236	1252	1253	1252	1236	1197	1144	1067	930	832
35°	2065	2203	2267	2187	2267	2203	2065	1892	1699	1498	1258
32.5°	3449	3694	3832	3832	3832	3694	3449	3117	2710	2295	1880
30°	5135	5442	5614	5650	5614	5442	5135	4708	4142	3518	2805
27.5°	6884	7201	7365	7341	7365	7201	6884	6430	5847	5037	4129
25°	8638	8878	9017	9021	9017	8878	8638	8195	7525	6730	5665
22.5°	11230	11735	11944	11999	11944	11735	11230	10488	9828	8826	7629
20°	14056	14546	14862	14881	14862	14546	14056	13375	12368	11241	9767
17.5°	16748	16991	17036	17056	17036	16991	16748	16020	14993	13841	11969
15°	19286	19371	19595	19624	19595	19371	19286	18617	17470	16204	14397
12.5°	20491	20569	20531	20426	20531	20569	20491	19987	19184	17881	16112
10°	21148	21038	20875	20678	20875	21038	21148	20785	20194	19187	17473
7.5°	21297	21175	20887	20601	20887	21175	21297	21330	20926	20084	18444
5°	21367	21009	20645	20298	20645	21009	21367	21486	21261	20564	19183
2.5°	21326	20900	20400	20027	20400	20900	21326	21504	21429	20927	19748
0°	21462	21031	20508	20368	20508	21031	21462	21667	21629	21225	20104
-2.5°	21841	21492	21218	21144	21218	21492	21841	21957	21868	21327	20127
-5°	22522	22445	21981	22090	21981	22445	22522	22424	22061	21243	19771
-7.5°	23181	23072	22875	23129	22875	23072	23181	22892	22182	21031	19337
-10°	23356	23320	23412	23637	23412	23320	23356	22835	21847	20461	18637
-12.5°	22819	23100	23416	23653	23416	23100	22819	22117	21096	19386	17395
-15°	21623	22198	22669	22893	22669	22198	21623	20786	19513	17914	15949
-17.5°	19860	20566	21124	21283	21124	20566	19860	18915	17579	16077	14303
-20°	17691	18408	18916	19119	18916	18408	17691	16724	15448	14039	12455

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REPORT NUMBER: P627366 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	15249	15950	16410	16653	16410	15950	15249	14287	13198	11943	10455
-25°	12771	13387	13796	13903	13796	13387	12771	11959	10978	9811	8437
-27.5°	10402	10897	11198	11231	11198	10897	10402	9671	8747	7680	6498
-30°	8018	8477	8739	8877	8739	8477	8018	7319	6478	5636	4694
-32.5°	5631	5996	6217	6275	6217	5996	5631	5137	4534	3920	3324
-35°	3754	3981	4121	4150	4121	3981	3754	3458	3087	2685	2366
-37.5°	2510	2621	2689	2722	2689	2621	2510	2357	2168	1945	1747
-40°	1778	1830	1859	1865	1859	1830	1778	1704	1602	1466	1340
-42.5°	1360	1387	1400	1404	1400	1387	1360	1318	1251	1171	1095
-45°	1099	1118	1129	1132	1129	1118	1099	1073	1037	992	943
-47.5°	940	952	959	962	959	952	940	924	899	864	822
-50°	830	836	839	838	839	836	830	820	804	778	749
-52.5°	760	764	766	764	766	764	760	753	743	720	694
-55°	708	711	711	710	711	711	708	703	697	675	651
-57.5°	668	672	671	667	671	672	668	663	656	636	613
-60°	629	634	634	632	634	634	629	623	616	598	576
-62.5°	590	598	599	597	599	598	590	581	570	552	530
-65°	533	543	543	539	543	543	533	523	512	496	475
-67.5°	471	478	479	477	479	478	471	463	454	440	421
-70°	413	420	420	419	420	420	413	404	395	383	367
-72.5°	355	362	364	365	364	362	355	347	338	328	314
-75°	294	301	300	299	300	301	294	287	279	270	259
-77.5°	237	243	242	240	242	243	237	230	223	215	207
-80°	180	185	184	182	184	185	180	175	169	163	157
-82.5°	128	131	130	128	130	131	128	124	120	115	111
-85°	79	81	81	81	81	81	79	76	74	71	68
-87.5°	37	39	37	35	37	39	37	36	35	34	32
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627366 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	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	43	39	34	29	27	26	23	14	6
55°	107	96	83	75	70	60	50	43	40	32	22
52.5°	138	133	122	106	97	91	80	68	58	50	39
50°	182	178	168	152	137	126	116	100	85	73	59
47.5°	254	238	226	213	186	165	152	139	117	100	84
45°	320	298	278	260	237	210	186	167	148	128	112
42.5°	396	358	325	305	278	251	224	201	175	154	135
40°	516	451	409	368	335	296	269	241	210	180	160
37.5°	712	595	533	472	419	364	323	288	251	216	188
35°	1027	856	706	609	529	451	388	341	298	257	218
32.5°	1454	1197	956	794	651	543	463	401	342	297	256
30°	2147	1663	1282	1014	818	653	536	456	387	332	291
27.5°	3214	2321	1762	1307	1014	800	634	513	430	367	321
25°	4544	3347	2420	1763	1278	975	752	593	481	401	354
22.5°	6219	4786	3498	2305	1687	1258	924	675	537	457	395
20°	8284	6439	4828	3425	2306	1587	1135	817	635	525	441
17.5°	10315	8416	6267	4590	3169	2154	1435	998	731	593	488
15°	12371	10132	7854	5889	4076	2629	1705	1172	840	669	542
12.5°	13943	11615	9079	6930	4797	3134	2045	1395	978	732	582
10°	15215	12803	10154	7748	5518	3651	2351	1562	1077	783	615
7.5°	16203	13654	10988	8448	6101	4081	2597	1692	1155	828	643
5°	16990	14388	11660	9022	6558	4400	2788	1792	1212	866	664
2.5°	17586	14931	12114	9400	6866	4622	2932	1877	1259	902	684
0°	17909	15125	12503	9637	7066	4778	3029	1943	1291	931	698
-2.5°	17961	15212	12458	9551	7057	4721	3006	1930	1296	940	709
-5°	17484	14862	12104	9307	6823	4589	2945	1890	1286	939	713
-7.5°	16964	14291	11530	8840	6423	4359	2827	1825	1264	929	710
-10°	16174	13530	10900	8249	5911	4024	2626	1728	1223	907	701
-12.5°	15036	12533	10077	7412	5287	3568	2351	1603	1160	872	686
-15°	13633	11322	8903	6583	4638	3095	2068	1448	1077	826	664
-17.5°	12176	9920	7626	5589	3887	2680	1866	1338	1004	783	638
-20°	10562	8401	6396	4602	3171	2215	1611	1203	933	747	617

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REPORT NUMBER: P627366 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	8711	6944	5175	3564	2587	1897	1408	1072	855	702	593
-25°	6965	5476	3948	2900	2106	1567	1223	977	796	661	566
-27.5°	5268	3963	3072	2276	1711	1352	1078	877	732	628	545
-30°	3774	2989	2327	1786	1433	1151	947	801	684	594	521
-32.5°	2705	2230	1756	1453	1191	998	852	731	640	564	502
-35°	1988	1676	1399	1191	1016	884	767	679	601	535	483
-37.5°	1517	1305	1151	1003	892	791	709	635	564	512	464
-40°	1211	1074	970	868	793	725	660	595	541	488	444
-42.5°	1015	923	839	779	721	672	620	568	517	469	425
-45°	883	818	757	711	666	627	588	541	494	448	405
-47.5°	784	741	697	658	624	589	554	513	468	425	387
-50°	718	685	650	616	586	555	520	480	441	405	367
-52.5°	667	639	610	582	554	523	487	453	418	382	345
-55°	625	600	576	552	527	495	463	428	392	357	320
-57.5°	589	565	544	522	499	468	435	400	365	331	295
-60°	555	533	509	487	465	439	404	370	339	306	273
-62.5°	506	483	464	443	422	397	366	336	307	279	248
-65°	454	432	413	394	372	349	322	297	273	248	220
-67.5°	401	381	361	342	323	304	283	261	238	213	187
-70°	350	333	317	300	282	263	244	222	200	179	158
-72.5°	300	285	270	255	239	223	206	187	168	149	131
-75°	248	237	225	212	198	185	170	154	138	123	109
-77.5°	198	190	180	169	158	146	134	122	110	98	86
-80°	151	144	137	128	120	111	103	93	83	73	64
-82.5°	106	101	96	91	85	79	74	66	59	52	46
-85°	65	62	59	56	53	50	47	42	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





REPORT NUMBER: P627366 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-722-U-MWR-VSR-XX

**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°	45	30	17	11	8	6	5	5	4	4	4
47.5°	66	48	31	17	12	8	7	5	4	4	4
45°	92	69	48	30	17	13	8	6	5	4	5
42.5°	119	94	68	43	28	19	10	8	6	4	5
40°	143	120	90	62	41	27	16	9	7	5	5
37.5°	166	145	115	82	54	37	24	11	9	6	6
35°	192	168	140	104	72	48	32	14	11	8	6
32.5°	216	189	160	126	90	57	41	23	14	9	6
30°	247	209	178	146	107	72	50	31	17	11	6
27.5°	278	228	196	163	125	87	59	38	21	13	8
25°	308	253	213	179	142	103	69	45	26	16	9
22.5°	339	280	228	193	158	118	81	53	32	19	10
20°	371	305	244	210	172	132	94	61	37	22	11
17.5°	406	332	270	228	187	145	106	70	42	25	13
15°	441	360	294	245	200	156	116	78	46	29	14
12.5°	472	386	316	262	214	167	126	87	50	32	17
10°	499	408	335	278	226	176	135	94	56	35	20
7.5°	522	427	352	293	238	185	143	101	62	37	23
5°	540	443	364	305	248	197	149	105	69	39	26
2.5°	555	456	373	314	257	208	154	109	75	41	28
0°	566	465	380	322	264	217	159	112	81	43	31
-2.5°	571	472	391	328	273	222	165	118	85	48	32
-5°	573	476	399	332	280	226	169	124	88	53	33
-7.5°	573	478	404	336	286	228	173	128	91	58	34
-10°	570	478	405	341	288	230	176	131	93	62	34
-12.5°	563	475	405	343	288	232	179	134	95	64	35
-15°	551	470	403	342	288	234	182	135	96	65	35
-17.5°	534	462	400	339	287	234	183	135	96	65	36
-20°	523	454	395	334	285	233	183	133	96	64	38

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CATALOG NUMBER: GFLD-SA4C-722-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°	511	446	388	329	283	232	181	130	95	63	39
-25°	494	437	379	326	279	229	177	125	93	62	39
-27.5°	480	425	370	321	273	224	171	122	90	60	39
-30°	466	414	362	314	266	218	163	119	87	59	39
-32.5°	451	402	352	304	258	210	154	114	85	58	38
-35°	435	388	340	293	249	201	148	108	82	57	37
-37.5°	419	373	327	282	240	191	145	107	79	54	36
-40°	401	358	312	272	230	182	140	105	76	51	34
-42.5°	383	342	300	262	219	175	134	101	72	49	33
-45°	366	326	287	248	209	166	128	96	68	47	31
-47.5°	348	309	271	232	197	157	121	90	63	44	30
-50°	328	289	251	217	183	146	112	84	60	42	29
-52.5°	305	265	233	202	168	134	104	76	57	40	28
-55°	280	245	217	186	153	122	94	72	53	38	26
-57.5°	261	230	200	169	138	110	86	67	50	36	25
-60°	242	211	182	152	123	98	79	61	46	33	24
-62.5°	219	190	161	132	108	88	71	56	42	31	22
-65°	192	164	137	115	95	78	65	51	38	28	20
-67.5°	162	139	117	98	83	69	57	45	34	25	18
-70°	137	117	99	84	71	60	49	39	29	22	16
-72.5°	115	99	84	71	60	50	41	32	25	19	14
-75°	95	81	69	58	49	41	33	26	20	15	12
-77.5°	75	64	55	47	40	33	26	20	16	13	11
-80°	57	49	42	36	30	25	20	17	14	12	10
-82.5°	40	35	31	26	23	19	16	14	12	10	8
-85°	26	23	20	18	15	14	12	10	8	7	5
-87.5°	12	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: P627366 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-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°	17	9	5	4	4	0	0
-10°	19	9	5	4	4	0	0
-12.5°	20	9	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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CATALOG NUMBER: GFLD-SA4C-722-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°	21	13	6	4	3	1	0
-40°	21	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°	19	12	7	4	3	1	0
-52.5°	19	12	7	5	3	1	0
-55°	18	11	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)