

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: P627484 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4E-722-U-MR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
 Report Number: P627484 (CONVERTED FROM TYPE C PHOTOMETRY)  
 TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-14)  
 Test Lab: COOPER LIGHTING SOLUTIONS  
 Issue Date: 12/7/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: MCGRAW-EDISON  
 Catalog Number: GFLD-SA4E-722-U-MR-VSR-XX  
 Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR  
 Light Source: (64) 2200K CCT, 70 CRI LEDS  
 Ballast/Driver: -

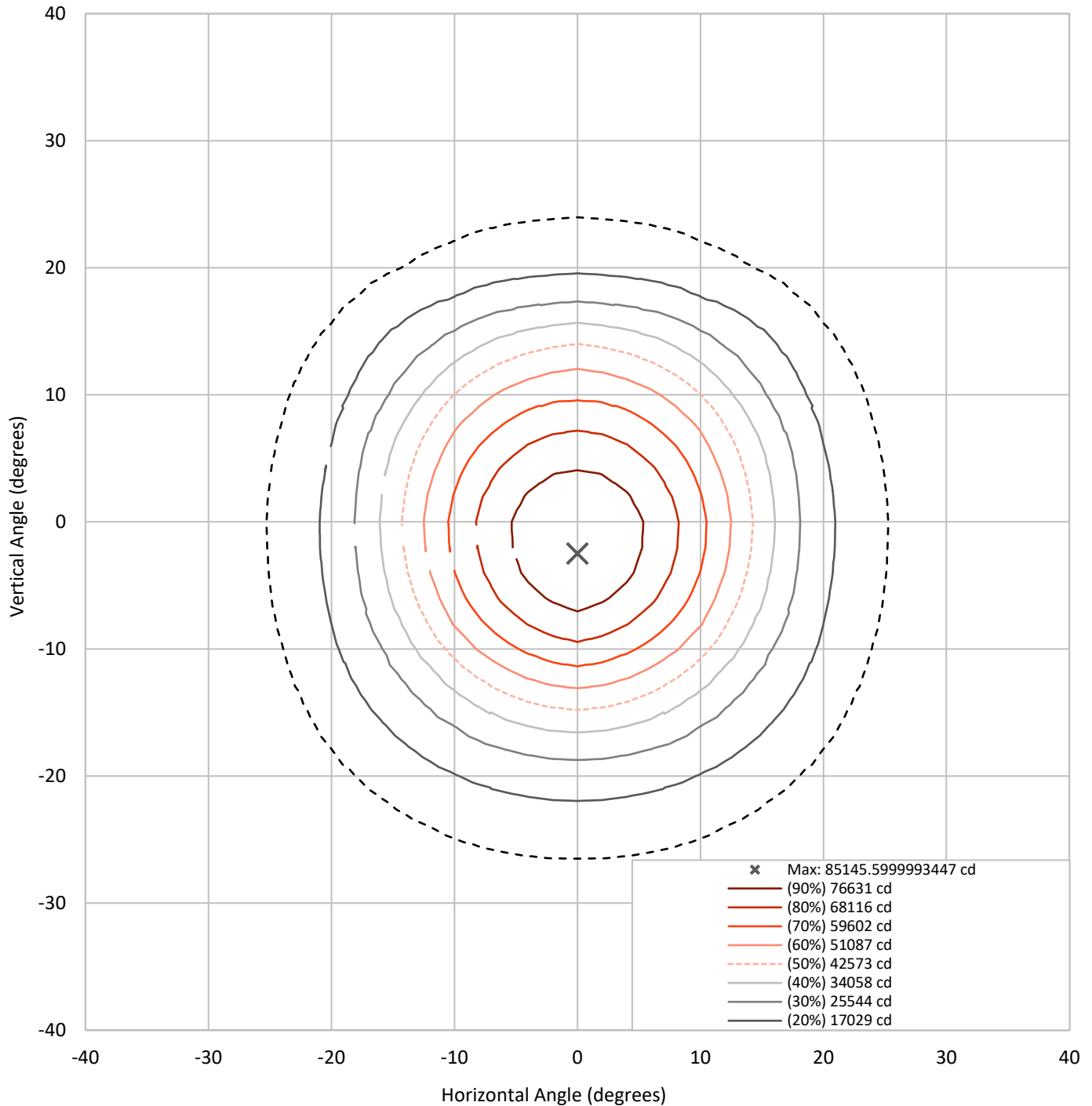
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	24149.2 lumens	Max Intensity:	85145.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -2.5°V
Efficacy:	94.4 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	28.2°H x 28.7°V	Field Angle (10%):	50.2°H x 50.4°V
Beam Lumens:	12074.8 lumens	Field Lumens:	20748.6 lumens
Beam Efficiency:	50.0%	Field Efficiency:	85.9%
Input Watts (W):	255.9		
Input Voltage (V):	120		
Input Current (A <sub>in</sub> ):	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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CATALOG NUMBER: GFLD-SA4E-722-U-MR-VSR-XX

### Iso-Candela Plot





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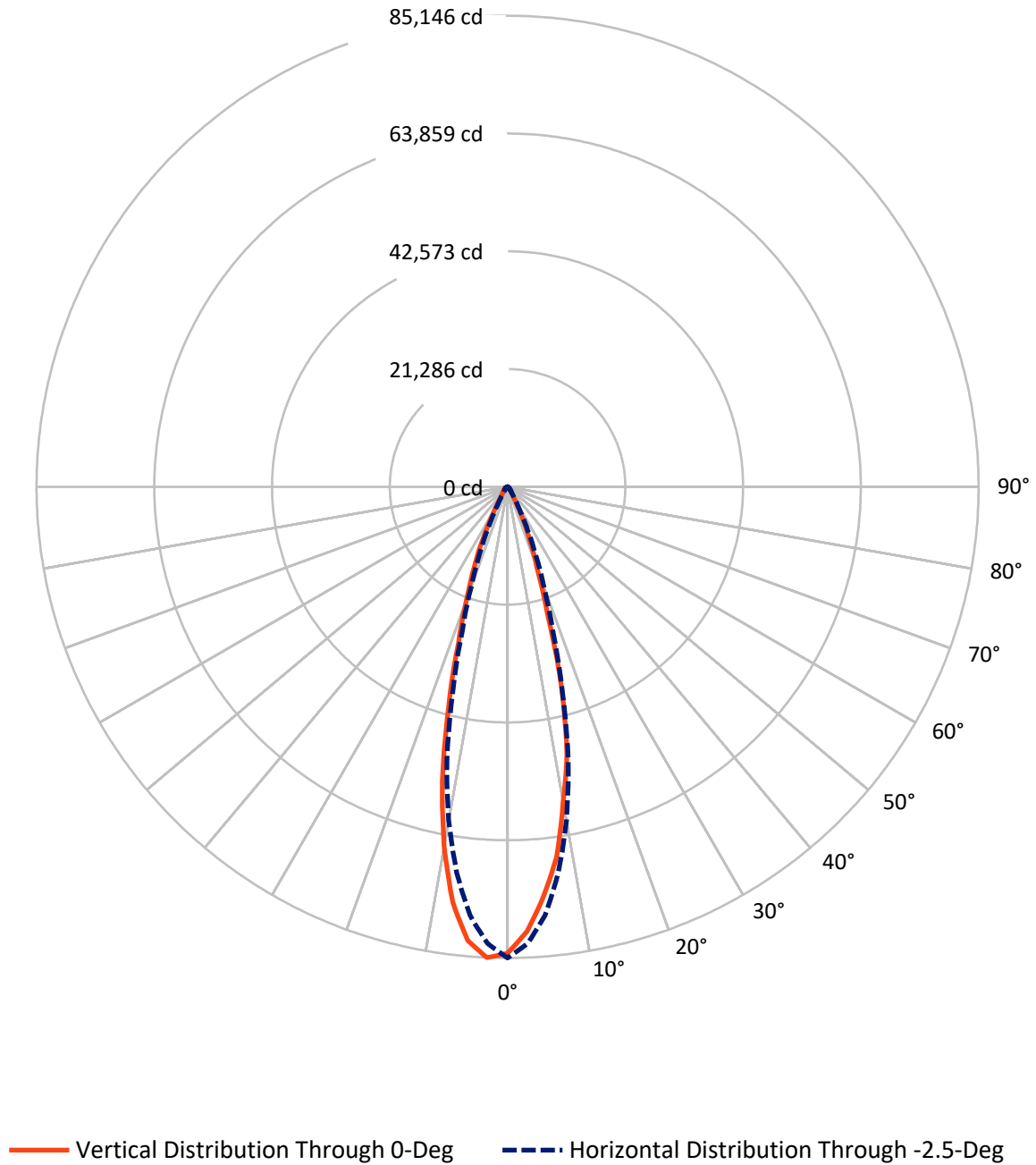
CATALOG NUMBER: GFLD-SA4E-722-U-MR-VSR-XX

### 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	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0			
50		0.0	0.1	0.7	1.6	2.8	3.8	4.6	4.6	3.8	2.8	1.6	0.7	0.1	0.0				
40	0.1	0.1	0.8	2.6	5.1	7.8	11.0	12.9	12.9	11.0	7.8	5.1	2.6	0.8	0.1	0.1			
30		0.4	2.0	5.2	9.5	15.6	26.1	34.7	34.7	26.1	15.6	9.5	5.2	2.0	0.4				
20	0.2	0.8	3.3	7.9	15.0	36.5	114.6	210.2	210.2	114.6	36.5	15.0	7.9	3.3	0.8	0.2			
10		1.2	4.5	10.7	25.7	125.8	511.4	1001.4	1001.4	511.4	125.8	25.7	10.7	4.5	1.2				
0	0.3	1.5	5.5	12.8	36.9	239.7	1032.6	2024.0	2024.0	1032.6	239.7	36.9	12.8	5.5	1.5	0.3			
-10		1.7	5.9	13.5	39.4	251.1	1059.6	2146.2	2146.2	1059.6	251.1	39.4	13.5	5.9	1.7				
-20	0.5	1.9	6.1	13.1	32.4	154.2	585.9	1135.8	1135.8	585.9	154.2	32.4	13.1	6.1	1.9	0.5			
-30		1.8	5.8	12.0	23.7	59.9	181.4	323.7	323.7	181.4	59.9	23.7	12.0	5.8	1.8				
-40	0.4	1.6	5.1	10.4	18.0	29.6	48.2	64.5	64.5	48.2	29.6	18.0	10.4	5.1	1.6	0.4			
-50		1.3	4.3	8.6	14.2	20.4	26.8	30.1	30.1	26.8	20.4	14.2	8.6	4.3	1.3				
-60	0.3	1.0	3.2	6.7	11.1	15.5	19.3	21.0	21.0	19.3	15.5	11.1	6.7	3.2	1.0	0.3			
-70		0.6	2.0	4.4	7.4	10.5	13.2	14.6	14.6	13.2	10.5	7.4	4.4	2.0	0.6				
-80	0.1	1.6	7.1	15.4	19.5	15.4	7.1	1.6	0.1						0.1				
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

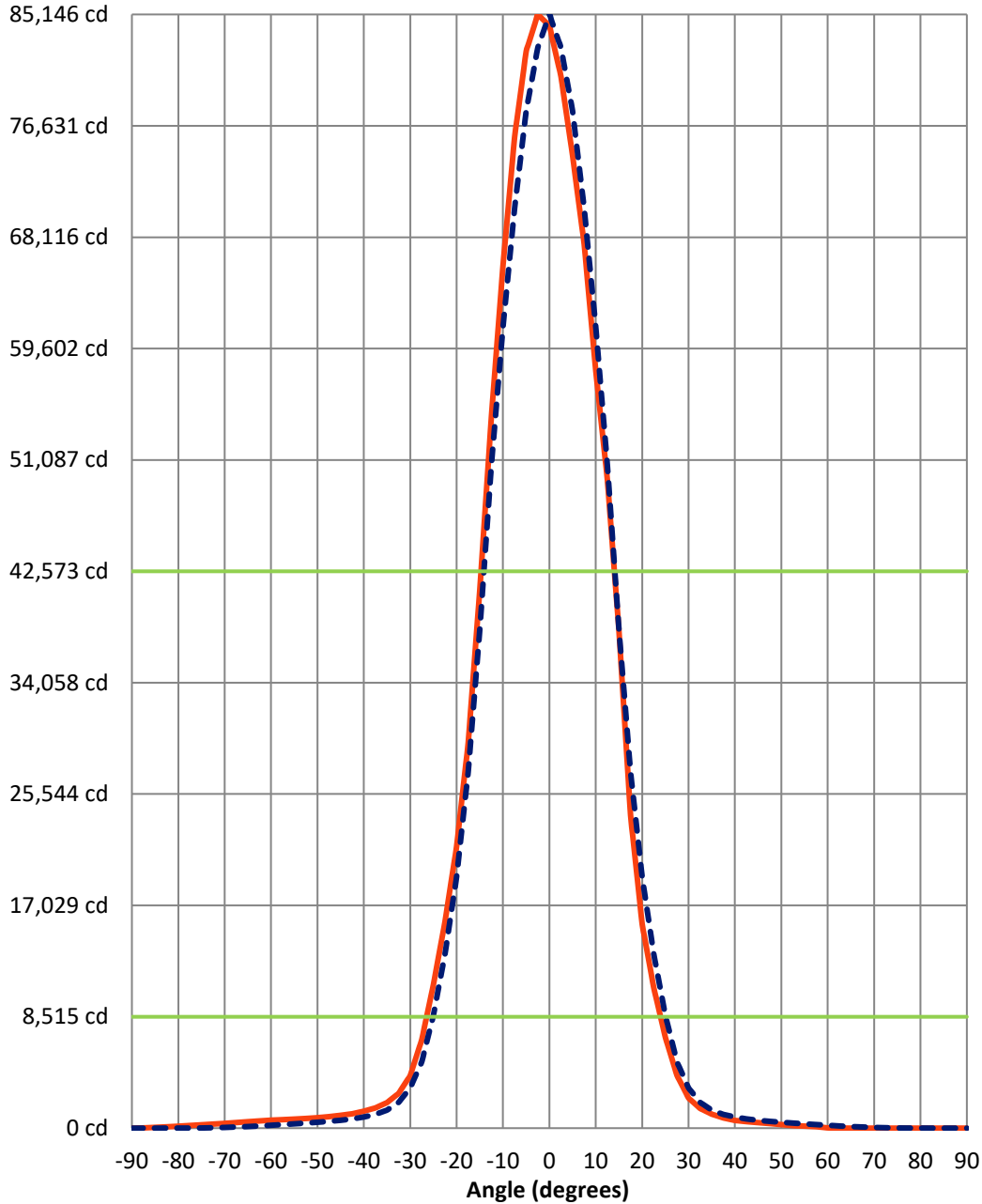
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.2°  
 V Angle: 28.7°  
 Lumens: 12074.8  
 Efficiency: 50.0%

**Field:**  
 H Angle: 50.2°  
 V Angle: 50.4°  
 Lumens: 20748.6  
 Efficiency: 85.9%

**Spill:**  
 Lumens: 3400.6  
 Efficiency: 14.1%

— Vertical Distribution through 0-Deg  
 - - Horizontal Distribution through -2.5-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	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°	0	0	0	0	0	0	0	0	0	0	1
60°	0	0	0	0	0	0	0	0	0	1	1
57.5°	0	0	0	0	0	0	0	0	1	2	2
55°	0	0	0	0	0	0	1	0	2	3	2
52.5°	0	0	0	0	0	0	1	2	4	4	3
50°	0	0	0	0	0	1	2	3	5	4	4
47.5°	0	0	0	0	0	1	2	4	5	4	5
45°	0	0	0	0	0	2	3	5	5	5	5
42.5°	0	0	0	0	0	2	4	5	5	5	9
40°	0	0	0	0	0	3	4	5	6	6	13
37.5°	0	0	0	0	1	4	5	5	7	8	18
35°	0	0	0	0	1	4	5	5	8	13	23
32.5°	0	0	0	0	2	5	5	5	10	18	29
30°	0	0	0	0	2	5	5	6	12	23	36
27.5°	0	0	0	0	3	5	5	7	15	27	43
25°	0	0	0	0	3	5	5	9	19	32	50
22.5°	0	0	0	0	4	5	5	11	23	38	60
20°	0	0	0	0	4	5	5	13	26	44	69
17.5°	0	0	0	0	4	5	6	16	29	50	77
15°	0	0	0	0	5	5	6	18	32	56	85
12.5°	0	0	0	0	5	5	7	21	35	62	92
10°	0	0	0	0	5	5	8	23	38	68	98
7.5°	0	0	0	0	5	5	8	26	41	73	104
5°	0	0	0	0	5	5	9	28	44	78	109
2.5°	0	0	0	0	5	5	10	30	46	82	114
0°	0	0	0	0	5	5	11	32	48	86	118
-2.5°	0	0	0	0	5	6	13	33	53	89	121
-5°	0	0	0	1	5	7	15	33	57	91	124
-7.5°	0	0	0	1	5	7	17	34	61	93	126
-10°	0	0	0	1	5	8	18	34	64	95	128
-12.5°	0	0	0	2	5	8	20	34	65	96	130
-15°	0	0	0	2	5	8	21	34	66	98	133
-17.5°	0	0	0	2	5	8	21	36	65	98	134
-20°	0	0	0	2	5	9	22	37	64	98	134

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CATALOG NUMBER: GFLD-SA4E-722-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0	0	0	2	5	9	22	39	63	97	132
-25°	0	0	0	2	5	9	22	40	61	95	129
-27.5°	0	0	0	2	5	10	22	40	59	92	126
-30°	0	0	0	2	5	10	22	40	59	89	122
-32.5°	0	0	0	2	6	11	22	40	58	86	117
-35°	0	0	0	2	6	11	22	39	58	82	111
-37.5°	0	0	0	2	7	11	22	38	57	79	108
-40°	0	0	0	2	7	11	22	37	55	76	105
-42.5°	0	0	0	1	7	12	21	35	53	74	101
-45°	0	0	0	1	7	12	20	34	51	71	97
-47.5°	0	0	0	1	6	12	19	32	49	66	92
-50°	0	0	0	1	6	11	18	30	46	63	85
-52.5°	0	0	0	1	5	11	18	28	43	59	78
-55°	0	0	0	1	5	10	17	25	39	54	72
-57.5°	0	0	0	1	4	10	15	24	35	50	66
-60°	0	0	0	1	4	9	14	22	31	45	59
-62.5°	0	0	0	1	4	8	13	19	29	39	53
-65°	0	0	0	1	4	7	12	17	25	35	46
-67.5°	0	0	0	1	3	7	11	16	22	31	40
-70°	0	0	0	1	3	6	10	14	19	26	35
-72.5°	0	0	0	1	3	6	9	12	16	22	29
-75°	0	0	0	1	3	5	8	10	13	18	24
-77.5°	0	0	0	1	2	4	7	9	11	14	17
-80°	0	0	0	1	2	3	5	7	8	10	13
-82.5°	0	0	0	1	1	3	4	5	6	7	8
-85°	0	0	0	0	1	2	3	3	4	4	5
-87.5°	0	0	0	0	0	1	1	2	2	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0





REPORT NUMBER: P627484 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-722-U-MR-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	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	1	1	0	1	2
60°	0	0	1	1	1	2	3	4	5	5	11
57.5°	1	1	3	3	4	6	9	10	17	25	30
55°	2	3	4	5	8	13	17	27	36	47	56
52.5°	4	5	5	8	16	23	34	47	61	72	81
50°	5	6	7	17	27	39	55	73	85	96	111
47.5°	7	8	16	28	41	60	81	96	108	128	149
45°	10	15	26	41	59	84	103	117	138	161	184
42.5°	14	24	38	54	82	107	125	145	168	193	218
40°	21	32	51	75	105	128	151	174	197	227	253
37.5°	28	44	66	96	125	152	178	204	233	264	294
35°	34	57	83	115	145	177	206	236	271	305	340
32.5°	43	69	99	132	166	200	232	271	308	345	388
30°	55	83	114	150	185	222	263	306	342	384	430
27.5°	67	95	129	166	203	243	292	335	375	421	471
25°	78	108	144	182	221	267	320	364	406	456	516
22.5°	89	121	160	195	239	292	346	395	443	493	562
20°	100	135	176	214	256	315	372	427	483	546	623
17.5°	110	148	191	233	280	339	399	460	522	599	695
15°	119	160	205	251	302	362	425	492	565	654	764
12.5°	128	171	219	268	322	383	448	518	602	709	846
10°	137	181	233	283	338	402	468	541	631	747	907
7.5°	144	190	245	297	353	418	485	561	656	779	956
5°	151	200	255	307	364	431	499	577	675	804	996
2.5°	156	208	262	315	373	439	508	588	689	827	1026
0°	161	214	268	322	381	445	515	595	697	847	1045
-2.5°	166	221	274	328	388	451	521	601	706	853	1050
-5°	170	227	279	333	393	454	524	604	711	854	1053
-7.5°	173	231	282	337	397	458	526	607	713	852	1052
-10°	175	233	285	340	400	460	527	606	710	843	1034
-12.5°	178	234	287	341	401	461	525	601	699	827	1001
-15°	180	234	287	341	400	460	520	591	684	806	958
-17.5°	181	234	285	338	398	458	514	582	669	783	928
-20°	181	232	283	333	393	453	509	575	655	756	886

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CATALOG NUMBER: GFLD-SA4E-722-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	179	230	279	328	385	444	502	563	638	723	840
-25°	177	228	275	324	377	433	491	548	619	701	800
-27.5°	172	224	270	318	368	422	478	535	599	674	759
-30°	166	217	264	311	360	410	462	519	576	646	724
-32.5°	158	209	255	302	350	399	446	500	556	616	686
-35°	151	200	246	290	339	386	430	478	533	589	648
-37.5°	146	190	236	278	325	371	413	457	507	561	615
-40°	140	180	225	266	308	354	396	436	480	533	585
-42.5°	134	172	213	254	294	335	379	417	459	507	556
-45°	129	164	202	241	281	318	358	398	439	482	528
-47.5°	122	155	192	227	266	303	338	377	419	459	500
-50°	114	146	179	212	248	286	322	356	393	434	474
-52.5°	105	135	166	196	230	266	303	337	370	404	442
-55°	94	123	152	180	210	244	279	313	348	379	412
-57.5°	85	109	137	165	192	220	254	287	320	352	385
-60°	77	96	120	147	174	200	229	260	291	321	351
-62.5°	68	85	105	128	154	180	206	233	261	287	313
-65°	60	74	91	111	132	155	180	205	231	252	272
-67.5°	51	63	77	93	112	131	151	173	197	216	235
-70°	44	53	64	78	92	108	126	144	161	179	197
-72.5°	37	45	53	62	75	89	103	117	132	147	162
-75°	30	36	43	51	60	71	83	95	108	119	132
-77.5°	23	29	34	40	47	55	64	74	84	94	104
-80°	16	21	26	31	36	41	47	54	61	68	76
-82.5°	11	15	18	22	25	28	31	35	40	46	52
-85°	6	8	10	13	14	16	18	20	23	26	30
-87.5°	3	4	5	6	7	7	7	8	9	10	12
-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	1	1	1	1	0	0
62.5°	2	2	4	6	6	7	7	7	7	7	7
60°	14	13	20	25	24	19	26	30	29	25	25
57.5°	38	47	54	56	63	75	78	77	78	81	91
55°	66	73	78	89	100	110	118	124	130	137	145
52.5°	90	102	111	122	136	145	149	164	177	187	193
50°	127	140	155	169	183	196	207	222	239	258	269
47.5°	167	184	202	224	239	252	265	286	310	332	345
45°	205	224	246	267	285	302	323	348	373	395	411
42.5°	238	260	283	307	323	350	379	405	435	463	484
40°	276	297	333	357	378	406	449	487	523	557	578
37.5°	323	358	396	426	454	490	549	606	652	698	730
35°	378	420	467	500	543	609	682	761	842	905	963
32.5°	430	477	525	578	642	736	828	956	1074	1195	1309
30°	477	530	588	656	761	891	1041	1236	1448	1659	1901
27.5°	527	585	655	762	921	1098	1375	1682	2121	2474	3044
25°	581	647	741	912	1132	1444	1926	2475	3383	4159	5033
22.5°	647	748	881	1095	1463	2023	2774	3971	5365	6659	7894
20°	727	864	1092	1434	1961	2823	4246	6061	8000	9894	11726
17.5°	834	1051	1377	1863	2611	4422	6541	9134	12453	14947	17311
15°	931	1206	1699	2485	3893	6224	9184	13155	17624	21382	25632
12.5°	1046	1379	1973	2992	5004	8086	11859	16595	21884	27588	34246
10°	1146	1555	2320	3723	6163	9750	13979	19537	26331	34401	42816
7.5°	1224	1703	2610	4271	7140	11115	16159	22920	31524	40957	50553
5°	1284	1817	2837	4701	7970	12223	17751	25596	35403	46230	55773
2.5°	1331	1897	2988	4965	8532	12980	18839	27019	37777	49673	59693
0°	1367	1946	3072	5152	8792	13338	19343	27594	38890	51360	61664
-2.5°	1380	1972	3076	5087	8633	13317	19225	27241	38122	50690	61245
-5°	1384	1959	2998	4952	8352	12839	18455	25903	35779	47567	58264
-7.5°	1374	1906	2841	4620	7721	11996	17381	23918	32012	42406	53462
-10°	1337	1815	2628	4170	6851	10680	15707	21230	27697	36182	45141
-12.5°	1270	1678	2334	3496	5827	9190	13642	18525	23565	29141	36510
-15°	1190	1538	2094	3087	4879	7626	11231	15355	19538	23807	28303
-17.5°	1129	1416	1848	2541	3746	5967	8850	12164	15557	18948	21975
-20°	1052	1271	1608	2147	3022	4337	6505	9083	11619	14384	16705

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Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627484 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-722-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	983	1169	1422	1761	2350	3275	4511	6326	8253	10261	12166
-25°	918	1059	1259	1532	1883	2434	3250	4199	5551	6786	8201
-27.5°	863	981	1117	1319	1585	1887	2388	2942	3651	4239	5184
-30°	810	904	1017	1146	1342	1571	1840	2176	2523	2871	3323
-32.5°	761	840	928	1033	1153	1325	1493	1708	1898	2107	2322
-35°	712	782	855	938	1031	1144	1270	1412	1539	1664	1778
-37.5°	671	729	793	858	933	1011	1110	1210	1295	1377	1447
-40°	635	684	737	791	851	914	991	1065	1123	1176	1220
-42.5°	603	646	687	734	783	842	901	958	997	1034	1063
-45°	572	610	647	685	726	777	828	872	903	931	952
-47.5°	539	573	607	642	682	722	763	796	823	847	863
-50°	508	541	572	601	635	672	707	735	759	780	791
-52.5°	477	508	539	569	597	626	654	680	705	726	734
-55°	446	477	505	533	561	587	612	636	657	678	684
-57.5°	416	448	478	500	523	548	572	594	616	634	641
-60°	382	414	440	462	485	507	528	549	570	588	596
-62.5°	342	371	394	416	436	456	475	494	513	528	536
-65°	294	319	342	363	382	400	417	434	450	462	469
-67.5°	253	271	291	310	328	346	362	377	391	401	407
-70°	213	230	247	264	281	296	310	324	336	345	352
-72.5°	177	192	207	223	238	251	263	274	285	293	299
-75°	144	156	169	182	195	206	216	225	234	241	247
-77.5°	114	124	133	143	153	162	169	177	184	190	194
-80°	85	92	100	107	114	120	126	132	138	143	147
-82.5°	57	63	69	74	80	84	87	90	93	96	100
-85°	33	37	40	44	47	50	52	54	56	59	60
-87.5°	13	15	16	18	19	20	20	20	21	22	24
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627484 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-722-U-MR-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	1	1
62.5°	6	5	5	5	5	5	6	7	7	7	7
60°	23	21	21	21	21	21	23	25	25	29	30
57.5°	100	107	111	113	111	107	100	91	81	78	77
55°	152	157	158	156	158	157	152	145	137	130	124
52.5°	196	197	196	193	196	197	196	193	187	177	164
50°	273	272	272	273	272	272	273	269	258	239	222
47.5°	351	354	356	354	356	354	351	345	332	310	286
45°	419	424	426	424	426	424	419	411	395	373	348
42.5°	492	496	497	499	497	496	492	484	463	435	405
40°	589	592	591	590	591	592	589	578	557	523	487
37.5°	752	763	769	783	769	763	752	730	698	652	606
35°	1007	1035	1049	1072	1049	1035	1007	963	905	842	761
32.5°	1391	1447	1477	1507	1477	1447	1391	1309	1195	1074	956
30°	2068	2178	2223	2305	2223	2178	2068	1901	1659	1448	1236
27.5°	3461	3723	3827	4042	3827	3723	3461	3044	2474	2121	1682
25°	5830	6395	6707	6953	6707	6395	5830	5033	4159	3383	2475
22.5°	9140	9969	10411	10738	10411	9969	9140	7894	6659	5365	3971
20°	13387	14481	15133	15606	15133	14481	13387	11726	9894	8000	6061
17.5°	20346	22064	23069	23932	23069	22064	20346	17311	14947	12453	9134
15°	30375	33827	36511	38005	36511	33827	30375	25632	21382	17624	13155
12.5°	40131	45188	48192	49574	48192	45188	40131	34246	27588	21884	16595
10°	49779	54548	57406	57911	57406	54548	49779	42816	34401	26331	19537
7.5°	57165	62409	66208	67588	66208	62409	57165	50553	40957	31524	22920
5°	63689	69830	73849	74359	73849	69830	63689	55773	46230	35403	25596
2.5°	68488	75164	79061	80401	79061	75164	68488	59693	49673	37777	27019
0°	70810	77999	82336	84288	82336	77999	70810	61664	51360	38890	27594
-2.5°	70321	77757	82598	85146	82598	77757	70321	61245	50690	38122	27241
-5°	67648	75105	79619	82326	79619	75105	67648	58264	47567	35779	25903
-7.5°	61482	68456	73261	75758	73261	68456	61482	53462	42406	32012	23918
-10°	53537	59439	63819	65947	63819	59439	53537	45141	36182	27697	21230
-12.5°	43212	48937	52889	54394	52889	48937	43212	36510	29141	23565	18525
-15°	33108	37478	40285	41174	40285	37478	33108	28303	23807	19538	15355
-17.5°	25108	27460	29039	29465	29039	27460	25108	21975	18948	15557	12164
-20°	18811	20268	21293	21536	21293	20268	18811	16705	14384	11619	9083

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REPORT NUMBER: P627484 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-722-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	13706	14802	15629	15794	15629	14802	13706	12166	10261	8253	6326
-25°	9454	10371	10932	10974	10932	10371	9454	8201	6786	5551	4199
-27.5°	5927	6430	6690	6782	6690	6430	5927	5184	4239	3651	2942
-30°	3663	3895	4017	4021	4017	3895	3663	3323	2871	2523	2176
-32.5°	2486	2598	2659	2659	2659	2598	2486	2322	2107	1898	1708
-35°	1863	1920	1953	1957	1953	1920	1863	1778	1664	1539	1412
-37.5°	1498	1530	1546	1549	1546	1530	1498	1447	1377	1295	1210
-40°	1252	1274	1288	1297	1288	1274	1252	1220	1176	1123	1065
-42.5°	1083	1098	1104	1099	1104	1098	1083	1063	1034	997	958
-45°	965	973	979	981	979	973	965	952	931	903	872
-47.5°	871	875	878	879	878	875	871	863	847	823	796
-50°	797	800	801	799	801	800	797	791	780	759	735
-52.5°	737	738	739	740	739	738	737	734	726	705	680
-55°	688	690	691	692	691	690	688	684	678	657	636
-57.5°	647	651	651	649	651	651	647	641	634	616	594
-60°	603	608	610	611	610	608	603	596	588	570	549
-62.5°	543	549	551	552	551	549	543	536	528	513	494
-65°	475	480	487	493	487	480	475	469	462	450	434
-67.5°	412	416	423	429	423	416	412	407	401	391	377
-70°	358	363	364	365	364	363	358	352	345	336	324
-72.5°	305	309	311	311	311	309	305	299	293	285	274
-75°	252	256	257	257	257	256	252	247	241	234	225
-77.5°	199	203	203	204	203	203	199	194	190	184	177
-80°	151	155	153	150	153	155	151	147	143	138	132
-82.5°	103	107	104	102	104	107	103	100	96	93	90
-85°	62	64	62	59	62	64	62	60	59	56	54
-87.5°	25	27	24	21	24	27	25	24	22	21	20
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627484 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-722-U-MR-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°	1	1	0	0	0	0	0	0	0	0	0
62.5°	7	7	6	6	4	2	2	2	1	0	1
60°	26	19	24	25	20	13	14	11	5	5	4
57.5°	78	75	63	56	54	47	38	30	25	17	10
55°	118	110	100	89	78	73	66	56	47	36	27
52.5°	149	145	136	122	111	102	90	81	72	61	47
50°	207	196	183	169	155	140	127	111	96	85	73
47.5°	265	252	239	224	202	184	167	149	128	108	96
45°	323	302	285	267	246	224	205	184	161	138	117
42.5°	379	350	323	307	283	260	238	218	193	168	145
40°	449	406	378	357	333	297	276	253	227	197	174
37.5°	549	490	454	426	396	358	323	294	264	233	204
35°	682	609	543	500	467	420	378	340	305	271	236
32.5°	828	736	642	578	525	477	430	388	345	308	271
30°	1041	891	761	656	588	530	477	430	384	342	306
27.5°	1375	1098	921	762	655	585	527	471	421	375	335
25°	1926	1444	1132	912	741	647	581	516	456	406	364
22.5°	2774	2023	1463	1095	881	748	647	562	493	443	395
20°	4246	2823	1961	1434	1092	864	727	623	546	483	427
17.5°	6541	4422	2611	1863	1377	1051	834	695	599	522	460
15°	9184	6224	3893	2485	1699	1206	931	764	654	565	492
12.5°	11859	8086	5004	2992	1973	1379	1046	846	709	602	518
10°	13979	9750	6163	3723	2320	1555	1146	907	747	631	541
7.5°	16159	11115	7140	4271	2610	1703	1224	956	779	656	561
5°	17751	12223	7970	4701	2837	1817	1284	996	804	675	577
2.5°	18839	12980	8532	4965	2988	1897	1331	1026	827	689	588
0°	19343	13338	8792	5152	3072	1946	1367	1045	847	697	595
-2.5°	19225	13317	8633	5087	3076	1972	1380	1050	853	706	601
-5°	18455	12839	8352	4952	2998	1959	1384	1053	854	711	604
-7.5°	17381	11996	7721	4620	2841	1906	1374	1052	852	713	607
-10°	15707	10680	6851	4170	2628	1815	1337	1034	843	710	606
-12.5°	13642	9190	5827	3496	2334	1678	1270	1001	827	699	601
-15°	11231	7626	4879	3087	2094	1538	1190	958	806	684	591
-17.5°	8850	5967	3746	2541	1848	1416	1129	928	783	669	582
-20°	6505	4337	3022	2147	1608	1271	1052	886	756	655	575

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REPORT NUMBER: P627484 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-722-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4511	3275	2350	1761	1422	1169	983	840	723	638	563
-25°	3250	2434	1883	1532	1259	1059	918	800	701	619	548
-27.5°	2388	1887	1585	1319	1117	981	863	759	674	599	535
-30°	1840	1571	1342	1146	1017	904	810	724	646	576	519
-32.5°	1493	1325	1153	1033	928	840	761	686	616	556	500
-35°	1270	1144	1031	938	855	782	712	648	589	533	478
-37.5°	1110	1011	933	858	793	729	671	615	561	507	457
-40°	991	914	851	791	737	684	635	585	533	480	436
-42.5°	901	842	783	734	687	646	603	556	507	459	417
-45°	828	777	726	685	647	610	572	528	482	439	398
-47.5°	763	722	682	642	607	573	539	500	459	419	377
-50°	707	672	635	601	572	541	508	474	434	393	356
-52.5°	654	626	597	569	539	508	477	442	404	370	337
-55°	612	587	561	533	505	477	446	412	379	348	313
-57.5°	572	548	523	500	478	448	416	385	352	320	287
-60°	528	507	485	462	440	414	382	351	321	291	260
-62.5°	475	456	436	416	394	371	342	313	287	261	233
-65°	417	400	382	363	342	319	294	272	252	231	205
-67.5°	362	346	328	310	291	271	253	235	216	197	173
-70°	310	296	281	264	247	230	213	197	179	161	144
-72.5°	263	251	238	223	207	192	177	162	147	132	117
-75°	216	206	195	182	169	156	144	132	119	108	95
-77.5°	169	162	153	143	133	124	114	104	94	84	74
-80°	126	120	114	107	100	92	85	76	68	61	54
-82.5°	87	84	80	74	69	63	57	52	46	40	35
-85°	52	50	47	44	40	37	33	30	26	23	20
-87.5°	20	20	19	18	16	15	13	12	10	9	8
-90°	0	0	0	0	0	0	0	0	0	0	0





REPORT NUMBER: P627484 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-722-U-MR-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	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	1	0	0	0	0	0	0	1	0	0	0
60°	3	2	1	1	1	0	0	1	1	0	0
57.5°	9	6	4	3	3	1	1	2	2	1	0
55°	17	13	8	5	4	3	2	2	3	2	0
52.5°	34	23	16	8	5	5	4	3	4	4	2
50°	55	39	27	17	7	6	5	4	4	5	3
47.5°	81	60	41	28	16	8	7	5	4	5	4
45°	103	84	59	41	26	15	10	5	5	5	5
42.5°	125	107	82	54	38	24	14	9	5	5	5
40°	151	128	105	75	51	32	21	13	6	6	5
37.5°	178	152	125	96	66	44	28	18	8	7	5
35°	206	177	145	115	83	57	34	23	13	8	5
32.5°	232	200	166	132	99	69	43	29	18	10	5
30°	263	222	185	150	114	83	55	36	23	12	6
27.5°	292	243	203	166	129	95	67	43	27	15	7
25°	320	267	221	182	144	108	78	50	32	19	9
22.5°	346	292	239	195	160	121	89	60	38	23	11
20°	372	315	256	214	176	135	100	69	44	26	13
17.5°	399	339	280	233	191	148	110	77	50	29	16
15°	425	362	302	251	205	160	119	85	56	32	18
12.5°	448	383	322	268	219	171	128	92	62	35	21
10°	468	402	338	283	233	181	137	98	68	38	23
7.5°	485	418	353	297	245	190	144	104	73	41	26
5°	499	431	364	307	255	200	151	109	78	44	28
2.5°	508	439	373	315	262	208	156	114	82	46	30
0°	515	445	381	322	268	214	161	118	86	48	32
-2.5°	521	451	388	328	274	221	166	121	89	53	33
-5°	524	454	393	333	279	227	170	124	91	57	33
-7.5°	526	458	397	337	282	231	173	126	93	61	34
-10°	527	460	400	340	285	233	175	128	95	64	34
-12.5°	525	461	401	341	287	234	178	130	96	65	34
-15°	520	460	400	341	287	234	180	133	98	66	34
-17.5°	514	458	398	338	285	234	181	134	98	65	36
-20°	509	453	393	333	283	232	181	134	98	64	37

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REPORT NUMBER: P627484 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-722-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	502	444	385	328	279	230	179	132	97	63	39
-25°	491	433	377	324	275	228	177	129	95	61	40
-27.5°	478	422	368	318	270	224	172	126	92	59	40
-30°	462	410	360	311	264	217	166	122	89	59	40
-32.5°	446	399	350	302	255	209	158	117	86	58	40
-35°	430	386	339	290	246	200	151	111	82	58	39
-37.5°	413	371	325	278	236	190	146	108	79	57	38
-40°	396	354	308	266	225	180	140	105	76	55	37
-42.5°	379	335	294	254	213	172	134	101	74	53	35
-45°	358	318	281	241	202	164	129	97	71	51	34
-47.5°	338	303	266	227	192	155	122	92	66	49	32
-50°	322	286	248	212	179	146	114	85	63	46	30
-52.5°	303	266	230	196	166	135	105	78	59	43	28
-55°	279	244	210	180	152	123	94	72	54	39	25
-57.5°	254	220	192	165	137	109	85	66	50	35	24
-60°	229	200	174	147	120	96	77	59	45	31	22
-62.5°	206	180	154	128	105	85	68	53	39	29	19
-65°	180	155	132	111	91	74	60	46	35	25	17
-67.5°	151	131	112	93	77	63	51	40	31	22	16
-70°	126	108	92	78	64	53	44	35	26	19	14
-72.5°	103	89	75	62	53	45	37	29	22	16	12
-75°	83	71	60	51	43	36	30	24	18	13	10
-77.5°	64	55	47	40	34	29	23	17	14	11	9
-80°	47	41	36	31	26	21	16	13	10	8	7
-82.5°	31	28	25	22	18	15	11	8	7	6	5
-85°	18	16	14	13	10	8	6	5	4	4	3
-87.5°	7	7	7	6	5	4	3	2	2	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: P627484 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-722-U-MR-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	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0
55°	1	0	0	0	0	0	0
52.5°	1	0	0	0	0	0	0
50°	2	1	0	0	0	0	0
47.5°	2	1	0	0	0	0	0
45°	3	2	0	0	0	0	0
42.5°	4	2	0	0	0	0	0
40°	4	3	0	0	0	0	0
37.5°	5	4	1	0	0	0	0
35°	5	4	1	0	0	0	0
32.5°	5	5	2	0	0	0	0
30°	5	5	2	0	0	0	0
27.5°	5	5	3	0	0	0	0
25°	5	5	3	0	0	0	0
22.5°	5	5	4	0	0	0	0
20°	5	5	4	0	0	0	0
17.5°	6	5	4	0	0	0	0
15°	6	5	5	0	0	0	0
12.5°	7	5	5	0	0	0	0
10°	8	5	5	0	0	0	0
7.5°	8	5	5	0	0	0	0
5°	9	5	5	0	0	0	0
2.5°	10	5	5	0	0	0	0
0°	11	5	5	0	0	0	0
-2.5°	13	6	5	0	0	0	0
-5°	15	7	5	1	0	0	0
-7.5°	17	7	5	1	0	0	0
-10°	18	8	5	1	0	0	0
-12.5°	20	8	5	2	0	0	0
-15°	21	8	5	2	0	0	0
-17.5°	21	8	5	2	0	0	0
-20°	22	9	5	2	0	0	0

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REPORT NUMBER: P627484 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-722-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)