

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: P627684 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5D-730-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627684 (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-SA5D-730-U-MR-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (80) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

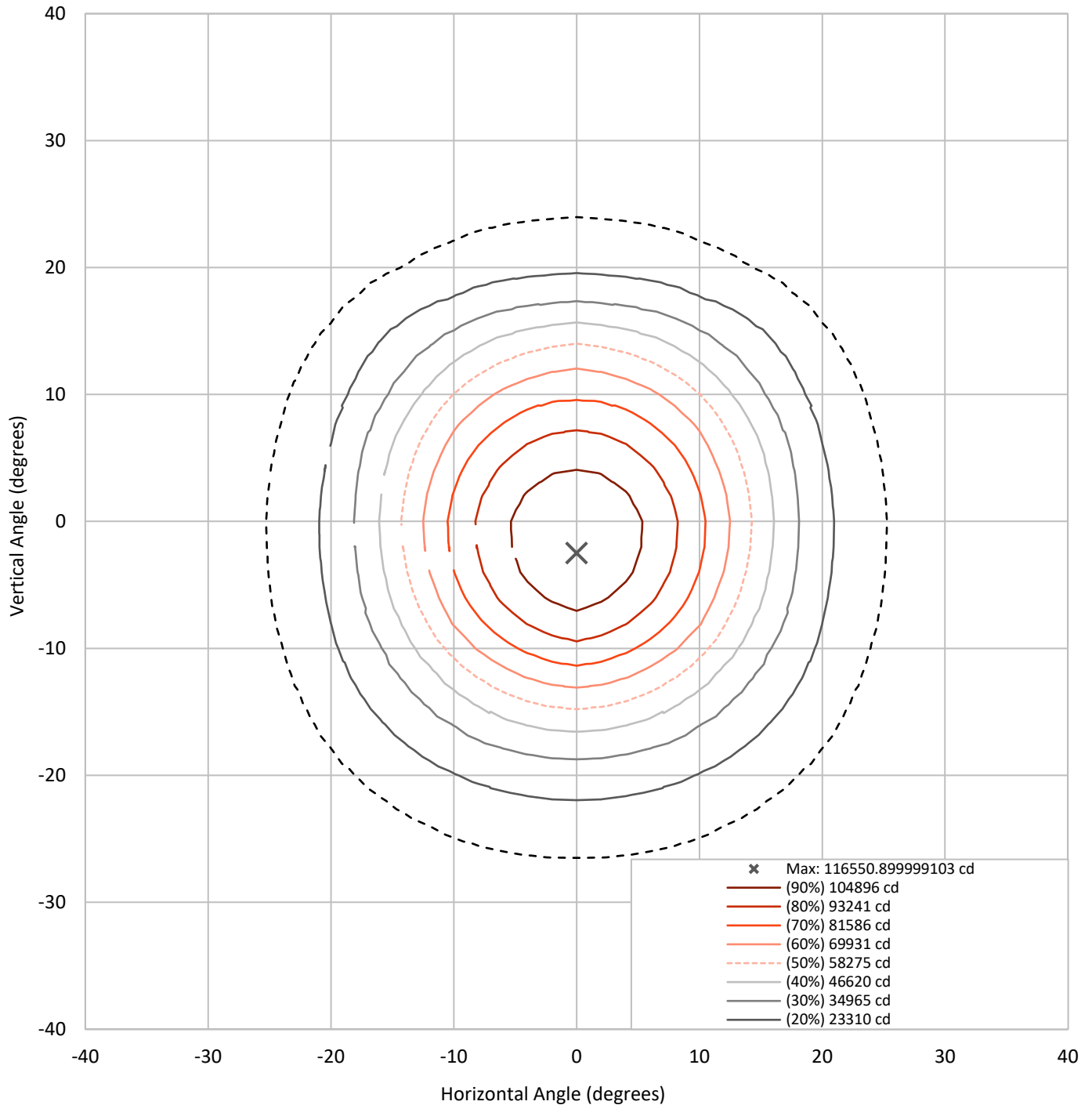
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	33056.4 lumens	Max Intensity:	116550.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -2.5°V
Efficacy:	121.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' 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:	16528.5 lumens	Field Lumens:	28401.6 lumens
Beam Efficiency:	50.0%	Field Efficiency:	85.9%
Input Watts (W):	271.3		
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: P627684 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





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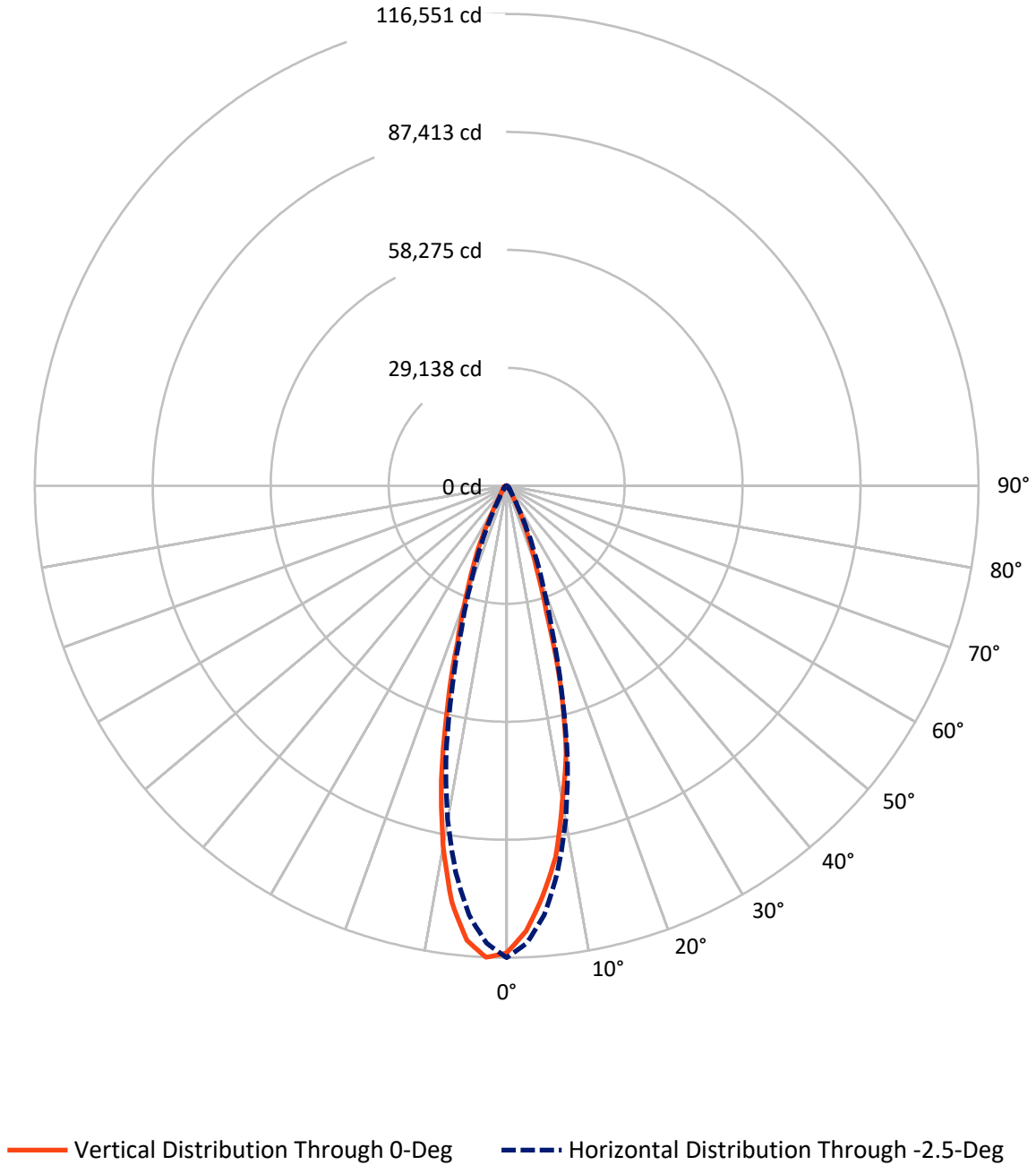
CATALOG NUMBER: GFLD-SA5D-730-U-MR-VSR-XX

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				
70	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.0	0.0	0.0	0.0			
60		0.0	0.2	0.9	2.3	3.8	5.2	6.2	6.2	5.2	3.8	2.3	0.9	0.2	0.0				
50	0.1	0.2	1.1	3.6	6.9	10.7	15.0	17.6	17.6	15.0	10.7	6.9	3.6	1.1	0.2	0.1			
40		0.5	2.8	7.1	13.0	21.4	35.7	47.6	47.6	35.7	21.4	13.0	7.1	2.8	0.5				
30	0.2	1.0	4.5	10.8	20.5	49.9	156.9	287.7	287.7	156.9	49.9	20.5	10.8	4.5	1.0	0.2			
20		1.6	6.2	14.7	35.2	172.2	700.0	1370.7	1370.7	700.0	172.2	35.2	14.7	6.2	1.6				
10	0.5	2.1	7.5	17.5	50.5	328.1	1413.5	2770.6	2770.6	1413.5	328.1	50.5	17.5	7.5	2.1	0.5			
0		2.4	8.1	18.5	53.9	343.8	1450.4	2937.8	2937.8	1450.4	343.8	53.9	18.5	8.1	2.4				
-10	0.6	2.5	8.3	18.0	44.3	211.1	802.1	1554.7	1554.7	802.1	211.1	44.3	18.0	8.3	2.5	0.6			
-20		2.5	7.9	16.5	32.5	82.0	248.4	443.2	443.2	248.4	82.0	32.5	16.5	7.9	2.5				
-30	0.6	2.2	7.0	14.3	24.6	40.5	66.0	88.4	88.4	66.0	40.5	24.6	14.3	7.0	2.2	0.6			
-40		1.8	5.8	11.8	19.5	27.9	36.7	41.2	41.2	36.7	27.9	19.5	11.8	5.8	1.8				
-50	0.4	1.4	4.4	9.2	15.2	21.2	26.5	28.8	28.8	26.5	21.2	15.2	9.2	4.4	1.4	0.4			
-60		0.9	2.7	6.0	10.2	14.4	18.1	20.0	20.0	18.1	14.4	10.2	6.0	2.7	0.9				
-70																			
-80	0.1	2.2		9.8	21.1		26.7	21.1		9.8	2.2		0.1						
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

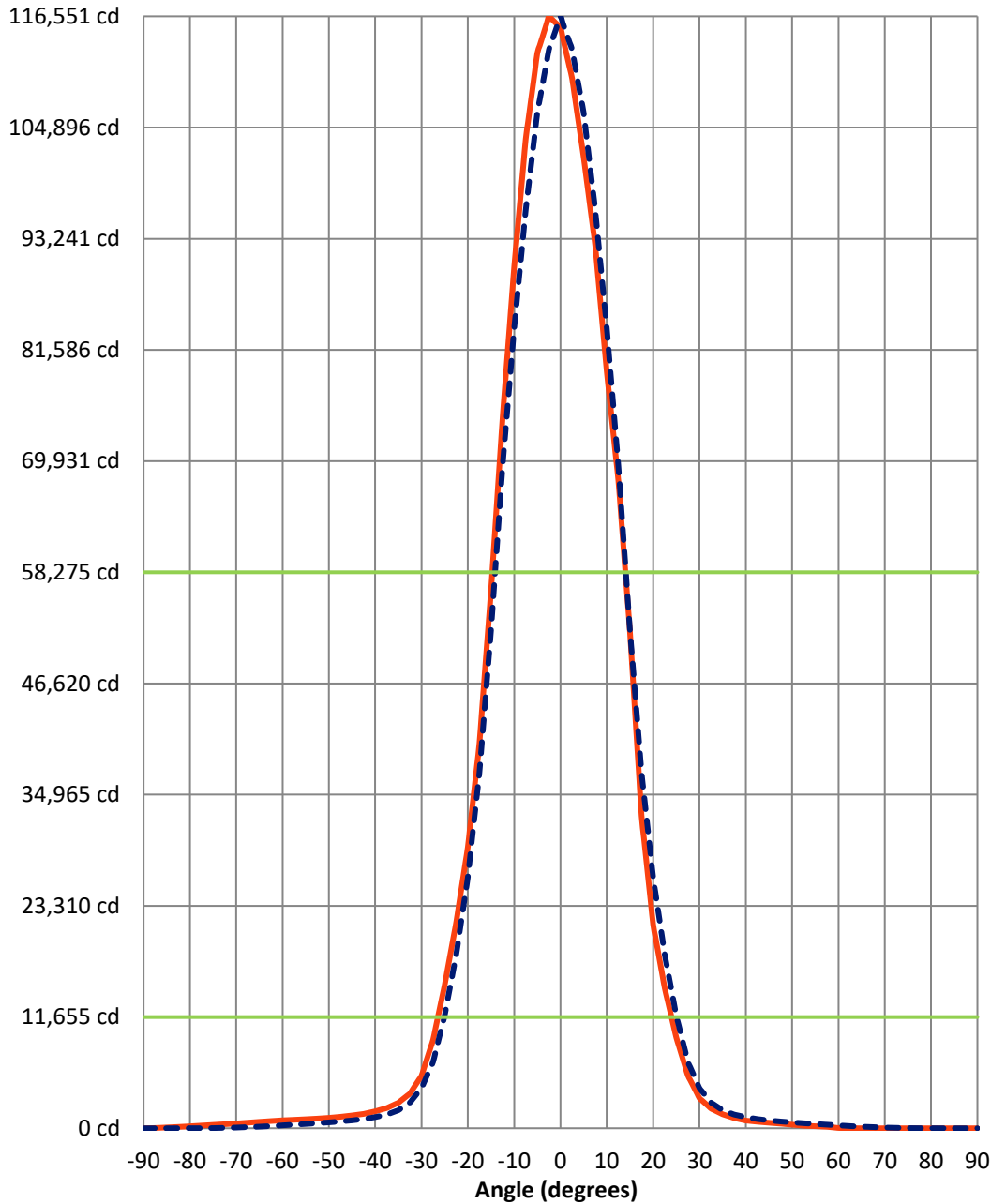
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 16528.5
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 28401.6
 Efficiency: 85.9%

Spill:
 Lumens: 4654.8
 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	2	2
57.5°	0	0	0	0	0	0	0	0	1	3	3
55°	0	0	0	0	0	0	1	0	3	5	3
52.5°	0	0	0	0	0	0	1	2	5	5	3
50°	0	0	0	0	0	1	2	4	7	5	5
47.5°	0	0	0	0	0	2	3	5	7	6	6
45°	0	0	0	0	0	2	4	7	7	7	7
42.5°	0	0	0	0	0	3	5	7	7	7	12
40°	0	0	0	0	0	4	6	7	8	7	18
37.5°	0	0	0	0	1	5	6	7	9	11	24
35°	0	0	0	0	2	6	7	7	11	18	32
32.5°	0	0	0	0	3	6	7	7	13	24	40
30°	0	0	0	0	3	7	7	8	17	31	49
27.5°	0	0	0	0	4	7	7	10	21	37	58
25°	0	0	0	0	5	7	7	13	26	44	69
22.5°	0	0	0	0	5	7	7	15	31	53	82
20°	0	0	0	0	6	7	7	18	36	61	94
17.5°	0	0	0	0	6	7	8	21	40	69	106
15°	0	0	0	0	6	7	9	25	44	77	116
12.5°	0	0	0	0	7	7	9	29	49	85	125
10°	0	0	0	0	7	7	10	32	53	93	134
7.5°	0	0	0	0	7	7	12	36	56	100	142
5°	0	0	0	0	7	7	13	39	60	107	149
2.5°	0	0	0	0	7	7	14	42	63	112	156
0°	0	0	0	0	7	7	15	44	66	117	161
-2.5°	0	0	0	0	7	7	15	44	66	117	161
-5°	0	0	0	1	7	9	20	46	78	125	170
-7.5°	0	0	0	1	7	10	23	46	83	128	173
-10°	0	0	0	2	7	10	25	46	87	130	175
-12.5°	0	0	0	2	7	11	27	47	90	132	179
-15°	0	0	0	3	7	11	28	47	90	134	182
-17.5°	0	0	0	3	7	12	29	49	89	134	184
-20°	0	0	0	3	7	12	30	51	88	134	183

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REPORT NUMBER: P627684 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-730-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	3	7	12	30	53	86	132	181
-25°	0	0	0	3	7	12	31	54	84	130	176
-27.5°	0	0	0	3	7	13	31	55	81	126	172
-30°	0	0	0	3	7	14	30	55	80	122	167
-32.5°	0	0	0	3	8	15	30	54	80	117	160
-35°	0	0	0	3	9	15	30	53	79	113	152
-37.5°	0	0	0	3	9	15	30	52	77	108	148
-40°	0	0	0	2	10	16	30	50	75	104	144
-42.5°	0	0	0	2	10	16	29	48	72	101	139
-45°	0	0	0	1	9	16	28	46	69	97	132
-47.5°	0	0	0	1	9	16	26	44	66	91	125
-50°	0	0	0	1	8	15	25	42	63	86	117
-52.5°	0	0	0	1	7	15	24	38	58	81	107
-55°	0	0	0	1	7	14	23	35	54	74	99
-57.5°	0	0	0	2	6	13	21	32	48	68	90
-60°	0	0	0	2	5	12	19	29	43	61	81
-62.5°	0	0	0	2	5	11	18	26	39	54	72
-65°	0	0	0	2	5	10	16	23	35	48	63
-67.5°	0	0	0	2	5	9	15	21	30	42	55
-70°	0	0	0	2	4	8	14	19	26	36	48
-72.5°	0	0	0	1	4	8	12	17	23	30	40
-75°	0	0	0	1	4	7	11	14	18	24	32
-77.5°	0	0	0	1	3	6	9	12	15	19	24
-80°	0	0	0	1	2	5	7	9	11	14	17
-82.5°	0	0	0	1	2	3	6	7	8	9	11
-85°	0	0	0	0	1	2	4	4	5	6	6
-87.5°	0	0	0	0	1	1	2	2	2	3	3
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627684 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-730-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	2	1	2	3
60°	1	0	1	2	2	3	4	6	7	7	15
57.5°	1	2	4	4	5	8	12	14	23	33	41
55°	2	5	6	6	11	17	24	37	49	64	77
52.5°	5	7	7	11	21	32	47	64	83	98	111
50°	7	9	10	23	37	53	76	100	117	131	152
47.5°	10	11	22	38	56	82	111	132	148	175	205
45°	14	21	36	56	81	115	141	161	189	221	252
42.5°	19	33	52	73	113	146	171	199	229	264	298
40°	29	44	70	103	143	175	207	238	270	311	347
37.5°	38	61	90	131	172	208	244	279	318	361	403
35°	46	78	114	157	199	242	281	322	371	418	465
32.5°	59	95	136	181	227	274	318	371	421	473	531
30°	75	113	156	205	253	303	360	418	468	526	589
27.5°	92	130	177	228	277	332	400	459	513	576	644
25°	107	148	197	249	303	366	438	498	556	625	706
22.5°	122	166	220	267	327	400	473	541	607	675	769
20°	136	185	241	292	351	432	509	585	661	747	853
17.5°	150	203	261	319	384	464	546	629	715	820	952
15°	163	219	281	344	414	495	581	673	773	896	1046
12.5°	176	234	300	367	440	524	613	709	824	971	1158
10°	187	248	319	388	463	550	641	741	864	1023	1242
7.5°	197	261	336	407	483	572	664	768	898	1066	1309
5°	206	273	349	420	499	590	683	790	924	1100	1363
2.5°	214	284	359	431	511	601	696	805	943	1133	1404
0°	220	293	367	440	521	609	704	815	954	1159	1431
-2.5°	227	303	375	449	531	617	713	823	967	1167	1438
-5°	233	311	382	456	538	622	717	827	973	1168	1441
-7.5°	236	316	387	461	544	626	720	831	976	1166	1440
-10°	239	319	390	466	548	630	721	829	971	1154	1416
-12.5°	243	320	392	467	550	631	718	822	957	1132	1370
-15°	246	321	392	466	548	630	712	809	936	1103	1311
-17.5°	248	320	391	463	544	627	704	797	916	1072	1270
-20°	247	318	387	456	537	619	697	787	897	1035	1213

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CATALOG NUMBER: GFLD-SA5D-730-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°	245	316	382	449	528	608	687	771	873	990	1149
-25°	242	312	377	443	516	593	672	751	848	959	1095
-27.5°	236	306	370	435	504	577	654	732	820	922	1039
-30°	227	297	361	425	493	562	633	710	789	884	991
-32.5°	216	286	349	413	480	546	610	684	761	843	939
-35°	207	273	336	397	464	528	589	654	730	806	888
-37.5°	200	260	323	381	444	508	565	626	694	768	842
-40°	192	246	307	365	421	485	542	597	658	730	801
-42.5°	184	236	292	348	402	459	518	571	628	694	761
-45°	176	225	276	330	384	435	490	545	601	659	723
-47.5°	166	213	262	310	363	415	463	516	573	628	684
-50°	155	200	245	290	340	392	441	487	538	594	648
-52.5°	143	185	227	269	315	364	414	461	506	553	605
-55°	129	168	208	247	288	333	381	429	476	519	564
-57.5°	117	149	187	225	263	301	347	393	438	482	526
-60°	105	132	165	201	239	274	313	355	398	440	481
-62.5°	92	117	144	175	210	246	282	319	358	393	429
-65°	81	101	125	152	181	212	246	281	316	345	373
-67.5°	70	87	106	128	153	180	206	237	269	296	321
-70°	60	72	88	106	127	148	172	197	221	245	269
-72.5°	50	61	72	85	102	122	141	160	180	201	222
-75°	41	50	59	69	82	97	113	131	147	164	180
-77.5°	31	39	47	55	64	75	88	102	115	129	143
-80°	23	29	36	42	49	56	64	73	83	93	105
-82.5°	15	20	25	30	34	38	43	48	55	63	71
-85°	8	11	14	18	20	22	24	27	31	36	40
-87.5°	4	5	7	8	9	9	10	10	12	14	16
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627684 (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°
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	2	2	1	0	0
62.5°	2	3	6	8	8	9	10	10	10	10	10
60°	19	18	28	34	32	25	36	41	40	34	34
57.5°	52	64	74	77	87	102	107	105	107	111	125
55°	90	100	107	122	137	151	162	170	178	188	199
52.5°	123	140	151	167	187	198	204	224	242	256	264
50°	174	192	212	232	251	268	283	304	328	353	369
47.5°	229	252	277	306	328	345	363	391	424	454	473
45°	280	306	337	366	390	413	442	476	510	540	563
42.5°	325	355	388	421	442	479	519	554	595	634	662
40°	378	407	455	489	518	556	615	666	716	762	792
37.5°	442	490	542	583	622	670	751	830	893	955	1000
35°	517	575	640	684	743	833	933	1042	1152	1239	1318
32.5°	589	653	719	791	879	1007	1133	1308	1470	1636	1792
30°	653	726	805	898	1042	1220	1425	1692	1982	2272	2602
27.5°	721	801	896	1043	1261	1503	1882	2303	2904	3387	4166
25°	795	885	1014	1248	1550	1976	2637	3388	4631	5693	6890
22.5°	885	1023	1206	1499	2003	2770	3797	5435	7343	9116	10806
20°	995	1183	1495	1963	2685	3864	5813	8297	10950	13544	16052
17.5°	1141	1439	1885	2550	3574	6054	8953	12503	17046	20460	23696
15°	1274	1651	2326	3402	5328	8520	12572	18008	24125	29268	35087
12.5°	1432	1887	2700	4096	6850	11068	16234	22716	29956	37763	46877
10°	1569	2129	3176	5096	8436	13346	19135	26744	36043	47090	58609
7.5°	1675	2331	3572	5846	9773	15215	22120	31374	43151	56063	69199
5°	1757	2487	3884	6434	10910	16732	24298	35037	48462	63282	76344
2.5°	1822	2597	4090	6796	11678	17768	25788	36985	51711	67995	81710
0°	1871	2664	4205	7052	12035	18258	26477	37771	53234	70303	84408
-2.5°	1889	2699	4211	6963	11818	18228	26316	37289	52183	69387	83835
-5°	1895	2681	4104	6778	11433	17575	25263	35457	48975	65112	79754
-7.5°	1881	2609	3889	6324	10568	16421	23791	32740	43820	58047	73181
-10°	1830	2484	3597	5708	9378	14619	21500	29061	37913	49527	61791
-12.5°	1739	2297	3195	4785	7977	12580	18674	25358	32256	39889	49977
-15°	1629	2105	2867	4226	6679	10439	15374	21018	26744	32589	38742
-17.5°	1546	1939	2530	3479	5128	8168	12114	16651	21296	25937	30081
-20°	1440	1740	2202	2940	4137	5936	8904	12434	15905	19690	22866

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REPORT NUMBER: P627684 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-730-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°	1346	1601	1946	2411	3217	4483	6175	8660	11297	14046	16654
-25°	1257	1449	1723	2097	2578	3331	4449	5748	7599	9289	11226
-27.5°	1181	1343	1529	1805	2170	2583	3268	4026	4997	5803	7096
-30°	1109	1238	1392	1569	1836	2151	2519	2979	3453	3930	4549
-32.5°	1041	1149	1270	1413	1579	1814	2043	2338	2598	2884	3179
-35°	975	1071	1170	1284	1411	1566	1738	1933	2106	2278	2433
-37.5°	918	998	1085	1174	1277	1384	1519	1657	1773	1886	1981
-40°	869	936	1008	1083	1165	1252	1357	1458	1537	1609	1670
-42.5°	825	884	941	1004	1072	1152	1234	1311	1365	1415	1455
-45°	784	835	886	938	994	1063	1133	1194	1236	1274	1304
-47.5°	738	785	832	879	933	988	1045	1090	1127	1159	1181
-50°	695	740	783	822	870	919	968	1006	1039	1068	1083
-52.5°	652	696	738	779	818	857	895	931	965	994	1005
-55°	610	654	692	729	767	804	838	870	900	928	937
-57.5°	570	613	654	685	717	749	783	814	843	868	877
-60°	523	567	602	633	663	695	723	752	780	805	816
-62.5°	468	508	540	569	597	624	651	676	702	722	734
-65°	403	437	469	497	523	547	571	594	616	632	642
-67.5°	346	371	398	424	450	474	495	516	535	548	557
-70°	292	315	338	361	385	406	425	443	460	472	481
-72.5°	242	262	283	305	325	343	359	375	391	401	410
-75°	197	214	232	250	267	282	295	308	321	330	338
-77.5°	157	169	182	196	209	221	232	242	252	259	266
-80°	116	126	137	146	156	164	172	180	189	195	201
-82.5°	78	86	94	102	110	115	119	123	127	132	137
-85°	45	50	55	60	65	68	71	74	77	80	83
-87.5°	18	20	22	24	27	27	28	28	28	30	33
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627684 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-730-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	2
62.5°	9	7	7	7	7	7	9	10	10	10	10
60°	32	29	29	29	29	29	32	34	34	40	41
57.5°	137	147	152	154	152	147	137	125	111	107	105
55°	208	215	216	213	216	215	208	199	188	178	170
52.5°	269	270	268	264	268	270	269	264	256	242	224
50°	373	372	372	374	372	372	373	369	353	328	304
47.5°	480	485	487	484	487	485	480	473	454	424	391
45°	573	580	583	580	583	580	573	563	540	510	476
42.5°	674	678	680	683	680	678	674	662	634	595	554
40°	806	811	810	807	810	811	806	792	762	716	666
37.5°	1030	1045	1052	1071	1052	1045	1030	1000	955	893	830
35°	1378	1416	1436	1468	1436	1416	1378	1318	1239	1152	1042
32.5°	1904	1981	2021	2062	2021	1981	1904	1792	1636	1470	1308
30°	2830	2982	3043	3156	3043	2982	2830	2602	2272	1982	1692
27.5°	4738	5097	5238	5533	5238	5097	4738	4166	3387	2904	2303
25°	7980	8754	9181	9518	9181	8754	7980	6890	5693	4631	3388
22.5°	12512	13646	14252	14699	14252	13646	12512	10806	9116	7343	5435
20°	18325	19822	20714	21363	20714	19822	18325	16052	13544	10950	8297
17.5°	27850	30203	31578	32759	31578	30203	27850	23696	20460	17046	12503
15°	41578	46304	49977	52023	49977	46304	41578	35087	29268	24125	18008
12.5°	54933	61855	65968	67860	65968	61855	54933	46877	37763	29956	22716
10°	68140	74667	78580	79271	78580	74667	68140	58609	47090	36043	26744
7.5°	78250	85429	90628	92517	90628	85429	78250	69199	56063	43151	31374
5°	87181	95586	101088	101786	101088	95586	87181	76344	63282	48462	35037
2.5°	93750	102887	108222	110056	108222	102887	93750	81710	67995	51711	36985
0°	96928	106769	112705	115377	112705	106769	96928	84408	70303	53234	37771
-2.5°	96259	106438	113064	116551	113064	106438	96259	83835	69387	52183	37289
-5°	92599	102807	108986	112691	108986	102807	92599	79754	65112	48975	35457
-7.5°	84159	93705	100283	103701	100283	93705	84159	73181	58047	43820	32740
-10°	73283	81362	87358	90271	87358	81362	73283	61791	49527	37913	29061
-12.5°	59151	66988	72397	74457	72397	66988	59151	49977	39889	32256	25358
-15°	45320	51301	55144	56360	55144	51301	45320	38742	32589	26744	21018
-17.5°	34369	37589	39750	40333	39750	37589	34369	30081	25937	21296	16651
-20°	25749	27744	29147	29479	29147	27744	25749	22866	19690	15905	12434

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REPORT NUMBER: P627684 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-730-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°	18761	20261	21394	21619	21394	20261	18761	16654	14046	11297	8660
-25°	12941	14196	14964	15022	14964	14196	12941	11226	9289	7599	5748
-27.5°	8113	8802	9158	9283	9158	8802	8113	7096	5803	4997	4026
-30°	5014	5331	5498	5504	5498	5331	5014	4549	3930	3453	2979
-32.5°	3403	3557	3640	3640	3640	3557	3403	3179	2884	2598	2338
-35°	2550	2629	2674	2679	2674	2629	2550	2433	2278	2106	1933
-37.5°	2050	2094	2117	2121	2117	2094	2050	1981	1886	1773	1657
-40°	1714	1745	1764	1776	1764	1745	1714	1670	1609	1537	1458
-42.5°	1483	1503	1511	1504	1511	1503	1483	1455	1415	1365	1311
-45°	1321	1332	1340	1343	1340	1332	1321	1304	1274	1236	1194
-47.5°	1192	1198	1201	1204	1201	1198	1192	1181	1159	1127	1090
-50°	1090	1096	1097	1093	1097	1096	1090	1083	1068	1039	1006
-52.5°	1009	1010	1012	1013	1012	1010	1009	1005	994	965	931
-55°	942	944	946	947	946	944	942	937	928	900	870
-57.5°	885	891	892	888	892	891	885	877	868	843	814
-60°	825	832	836	837	836	832	825	816	805	780	752
-62.5°	744	751	755	756	755	751	744	734	722	702	676
-65°	650	657	666	675	666	657	650	642	632	616	594
-67.5°	564	569	578	587	578	569	564	557	548	535	516
-70°	489	496	498	499	498	496	489	481	472	460	443
-72.5°	417	423	425	426	425	423	417	410	401	391	375
-75°	344	350	352	352	352	350	344	338	330	321	308
-77.5°	272	277	279	279	279	277	272	266	259	252	242
-80°	207	212	209	206	209	212	207	201	195	189	180
-82.5°	142	146	143	139	143	146	142	137	132	127	123
-85°	85	88	84	81	84	88	85	83	80	77	74
-87.5°	35	37	33	29	33	37	35	33	30	28	28
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627684 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-730-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°	2	1	0	0	0	0	0	0	0	0	0
62.5°	10	9	8	8	6	3	2	3	2	1	2
60°	36	25	32	34	28	18	19	15	7	7	6
57.5°	107	102	87	77	74	64	52	41	33	23	14
55°	162	151	137	122	107	100	90	77	64	49	37
52.5°	204	198	187	167	151	140	123	111	98	83	64
50°	283	268	251	232	212	192	174	152	131	117	100
47.5°	363	345	328	306	277	252	229	205	175	148	132
45°	442	413	390	366	337	306	280	252	221	189	161
42.5°	519	479	442	421	388	355	325	298	264	229	199
40°	615	556	518	489	455	407	378	347	311	270	238
37.5°	751	670	622	583	542	490	442	403	361	318	279
35°	933	833	743	684	640	575	517	465	418	371	322
32.5°	1133	1007	879	791	719	653	589	531	473	421	371
30°	1425	1220	1042	898	805	726	653	589	526	468	418
27.5°	1882	1503	1261	1043	896	801	721	644	576	513	459
25°	2637	1976	1550	1248	1014	885	795	706	625	556	498
22.5°	3797	2770	2003	1499	1206	1023	885	769	675	607	541
20°	5813	3864	2685	1963	1495	1183	995	853	747	661	585
17.5°	8953	6054	3574	2550	1885	1439	1141	952	820	715	629
15°	12572	8520	5328	3402	2326	1651	1274	1046	896	773	673
12.5°	16234	11068	6850	4096	2700	1887	1432	1158	971	824	709
10°	19135	13346	8436	5096	3176	2129	1569	1242	1023	864	741
7.5°	22120	15215	9773	5846	3572	2331	1675	1309	1066	898	768
5°	24298	16732	10910	6434	3884	2487	1757	1363	1100	924	790
2.5°	25788	17768	11678	6796	4090	2597	1822	1404	1133	943	805
0°	26477	18258	12035	7052	4205	2664	1871	1431	1159	954	815
-2.5°	26316	18228	11818	6963	4211	2699	1889	1438	1167	967	823
-5°	25263	17575	11433	6778	4104	2681	1895	1441	1168	973	827
-7.5°	23791	16421	10568	6324	3889	2609	1881	1440	1166	976	831
-10°	21500	14619	9378	5708	3597	2484	1830	1416	1154	971	829
-12.5°	18674	12580	7977	4785	3195	2297	1739	1370	1132	957	822
-15°	15374	10439	6679	4226	2867	2105	1629	1311	1103	936	809
-17.5°	12114	8168	5128	3479	2530	1939	1546	1270	1072	916	797
-20°	8904	5936	4137	2940	2202	1740	1440	1213	1035	897	787

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REPORT NUMBER: P627684 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-730-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°	6175	4483	3217	2411	1946	1601	1346	1149	990	873	771
-25°	4449	3331	2578	2097	1723	1449	1257	1095	959	848	751
-27.5°	3268	2583	2170	1805	1529	1343	1181	1039	922	820	732
-30°	2519	2151	1836	1569	1392	1238	1109	991	884	789	710
-32.5°	2043	1814	1579	1413	1270	1149	1041	939	843	761	684
-35°	1738	1566	1411	1284	1170	1071	975	888	806	730	654
-37.5°	1519	1384	1277	1174	1085	998	918	842	768	694	626
-40°	1357	1252	1165	1083	1008	936	869	801	730	658	597
-42.5°	1234	1152	1072	1004	941	884	825	761	694	628	571
-45°	1133	1063	994	938	886	835	784	723	659	601	545
-47.5°	1045	988	933	879	832	785	738	684	628	573	516
-50°	968	919	870	822	783	740	695	648	594	538	487
-52.5°	895	857	818	779	738	696	652	605	553	506	461
-55°	838	804	767	729	692	654	610	564	519	476	429
-57.5°	783	749	717	685	654	613	570	526	482	438	393
-60°	723	695	663	633	602	567	523	481	440	398	355
-62.5°	651	624	597	569	540	508	468	429	393	358	319
-65°	571	547	523	497	469	437	403	373	345	316	281
-67.5°	495	474	450	424	398	371	346	321	296	269	237
-70°	425	406	385	361	338	315	292	269	245	221	197
-72.5°	359	343	325	305	283	262	242	222	201	180	160
-75°	295	282	267	250	232	214	197	180	164	147	131
-77.5°	232	221	209	196	182	169	157	143	129	115	102
-80°	172	164	156	146	137	126	116	105	93	83	73
-82.5°	119	115	110	102	94	86	78	71	63	55	48
-85°	71	68	65	60	55	50	45	40	36	31	27
-87.5°	28	27	27	24	22	20	18	16	14	12	10
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627684 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-730-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°	4	3	2	2	1	0	1	2	2	0	0
57.5°	12	8	5	4	4	2	1	3	3	1	0
55°	24	17	11	6	6	5	2	3	5	3	0
52.5°	47	32	21	11	7	7	5	3	5	5	2
50°	76	53	37	23	10	9	7	5	5	7	4
47.5°	111	82	56	38	22	11	10	6	6	7	5
45°	141	115	81	56	36	21	14	7	7	7	7
42.5°	171	146	113	73	52	33	19	12	7	7	7
40°	207	175	143	103	70	44	29	18	7	8	7
37.5°	244	208	172	131	90	61	38	24	11	9	7
35°	281	242	199	157	114	78	46	32	18	11	7
32.5°	318	274	227	181	136	95	59	40	24	13	7
30°	360	303	253	205	156	113	75	49	31	17	8
27.5°	400	332	277	228	177	130	92	58	37	21	10
25°	438	366	303	249	197	148	107	69	44	26	13
22.5°	473	400	327	267	220	166	122	82	53	31	15
20°	509	432	351	292	241	185	136	94	61	36	18
17.5°	546	464	384	319	261	203	150	106	69	40	21
15°	581	495	414	344	281	219	163	116	77	44	25
12.5°	613	524	440	367	300	234	176	125	85	49	29
10°	641	550	463	388	319	248	187	134	93	53	32
7.5°	664	572	483	407	336	261	197	142	100	56	36
5°	683	590	499	420	349	273	206	149	107	60	39
2.5°	696	601	511	431	359	284	214	156	112	63	42
0°	704	609	521	440	367	293	220	161	117	66	44
-2.5°	713	617	531	449	375	303	227	166	122	72	45
-5°	717	622	538	456	382	311	233	170	125	78	46
-7.5°	720	626	544	461	387	316	236	173	128	83	46
-10°	721	630	548	466	390	319	239	175	130	87	46
-12.5°	718	631	550	467	392	320	243	179	132	90	47
-15°	712	630	548	466	392	321	246	182	134	90	47
-17.5°	704	627	544	463	391	320	248	184	134	89	49
-20°	697	619	537	456	387	318	247	183	134	88	51

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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627684 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-730-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°	687	608	528	449	382	316	245	181	132	86	53
-25°	672	593	516	443	377	312	242	176	130	84	54
-27.5°	654	577	504	435	370	306	236	172	126	81	55
-30°	633	562	493	425	361	297	227	167	122	80	55
-32.5°	610	546	480	413	349	286	216	160	117	80	54
-35°	589	528	464	397	336	273	207	152	113	79	53
-37.5°	565	508	444	381	323	260	200	148	108	77	52
-40°	542	485	421	365	307	246	192	144	104	75	50
-42.5°	518	459	402	348	292	236	184	139	101	72	48
-45°	490	435	384	330	276	225	176	132	97	69	46
-47.5°	463	415	363	310	262	213	166	125	91	66	44
-50°	441	392	340	290	245	200	155	117	86	63	42
-52.5°	414	364	315	269	227	185	143	107	81	58	38
-55°	381	333	288	247	208	168	129	99	74	54	35
-57.5°	347	301	263	225	187	149	117	90	68	48	32
-60°	313	274	239	201	165	132	105	81	61	43	29
-62.5°	282	246	210	175	144	117	92	72	54	39	26
-65°	246	212	181	152	125	101	81	63	48	35	23
-67.5°	206	180	153	128	106	87	70	55	42	30	21
-70°	172	148	127	106	88	72	60	48	36	26	19
-72.5°	141	122	102	85	72	61	50	40	30	23	17
-75°	113	97	82	69	59	50	41	32	24	18	14
-77.5°	88	75	64	55	47	39	31	24	19	15	12
-80°	64	56	49	42	36	29	23	17	14	11	9
-82.5°	43	38	34	30	25	20	15	11	9	8	7
-85°	24	22	20	18	14	11	8	6	6	5	4
-87.5°	10	9	9	8	7	5	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
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REPORT NUMBER: P627684 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-730-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°	3	2	0	0	0	0	0
45°	4	2	0	0	0	0	0
42.5°	5	3	0	0	0	0	0
40°	6	4	0	0	0	0	0
37.5°	6	5	1	0	0	0	0
35°	7	6	2	0	0	0	0
32.5°	7	6	3	0	0	0	0
30°	7	7	3	0	0	0	0
27.5°	7	7	4	0	0	0	0
25°	7	7	5	0	0	0	0
22.5°	7	7	5	0	0	0	0
20°	7	7	6	0	0	0	0
17.5°	8	7	6	0	0	0	0
15°	9	7	6	0	0	0	0
12.5°	9	7	7	0	0	0	0
10°	10	7	7	0	0	0	0
7.5°	12	7	7	0	0	0	0
5°	13	7	7	0	0	0	0
2.5°	14	7	7	0	0	0	0
0°	15	7	7	0	0	0	0
-2.5°	18	8	7	0	0	0	0
-5°	20	9	7	1	0	0	0
-7.5°	23	10	7	1	0	0	0
-10°	25	10	7	2	0	0	0
-12.5°	27	11	7	2	0	0	0
-15°	28	11	7	3	0	0	0
-17.5°	29	12	7	3	0	0	0
-20°	30	12	7	3	0	0	0

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CATALOG NUMBER: GFLD-SA5D-730-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	30	12	7	3	0	0	0
-25°	31	12	7	3	0	0	0
-27.5°	31	13	7	3	0	0	0
-30°	30	14	7	3	0	0	0
-32.5°	30	15	8	3	0	0	0
-35°	30	15	9	3	0	0	0
-37.5°	30	15	9	3	0	0	0
-40°	30	16	10	2	0	0	0
-42.5°	29	16	10	2	0	0	0
-45°	28	16	9	1	0	0	0
-47.5°	26	16	9	1	0	0	0
-50°	25	15	8	1	0	0	0
-52.5°	24	15	7	1	0	0	0
-55°	23	14	7	1	0	0	0
-57.5°	21	13	6	2	0	0	0
-60°	19	12	5	2	0	0	0
-62.5°	18	11	5	2	0	0	0
-65°	16	10	5	2	0	0	0
-67.5°	15	9	5	2	0	0	0
-70°	14	8	4	2	0	0	0
-72.5°	12	8	4	1	0	0	0
-75°	11	7	4	1	0	0	0
-77.5°	9	6	3	1	0	0	0
-80°	7	5	2	1	0	0	0
-82.5°	6	3	2	1	0	0	0
-85°	4	2	1	0	0	0	0
-87.5°	2	1	1	0	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)