

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: P627714 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5D-750-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627714 (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-750-U-MR-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (80) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

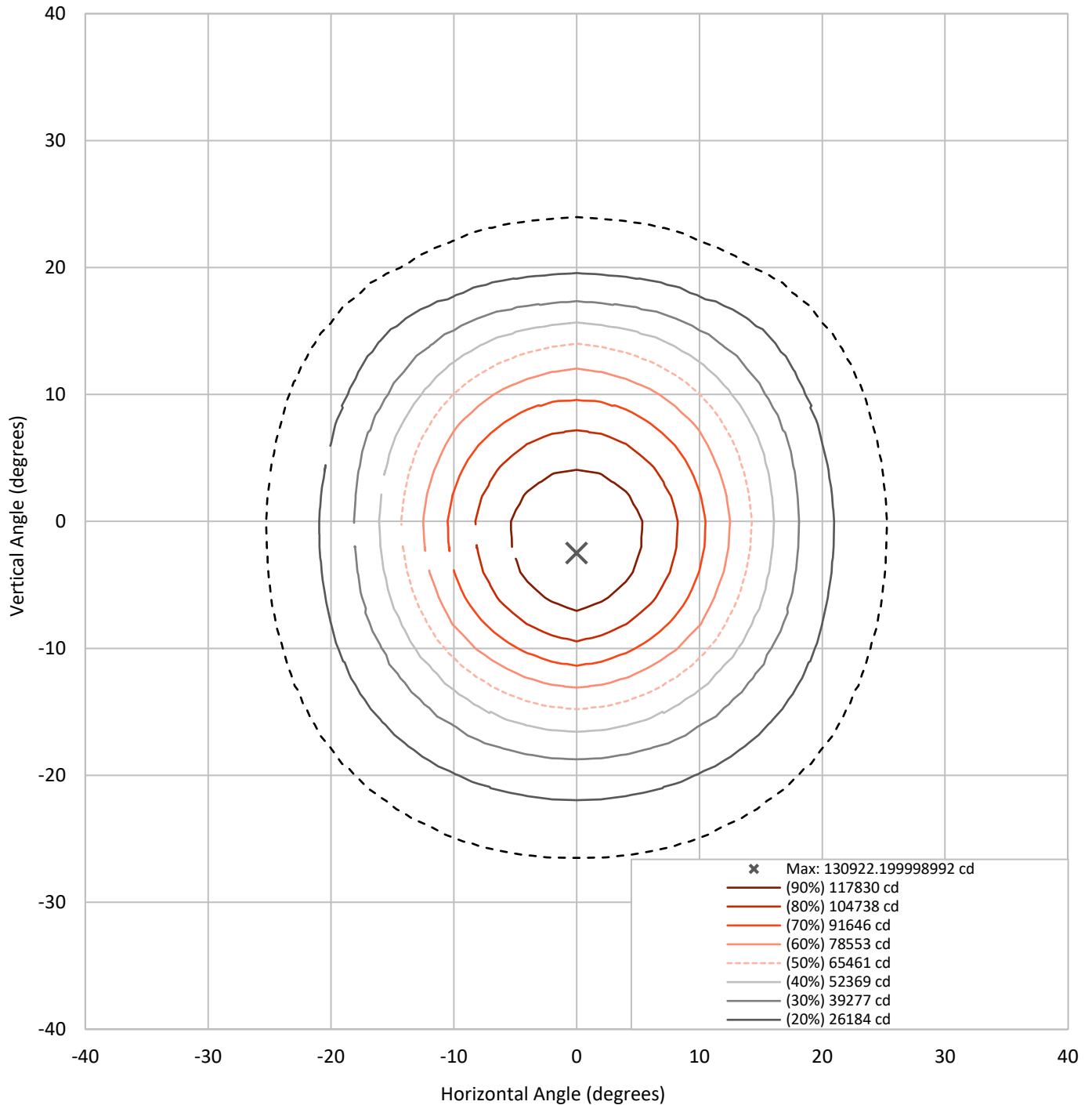
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	37132.4 lumens	Max Intensity:	130922.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -2.5°V
Efficacy:	136.9 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:	18566.6 lumens	Field Lumens:	31903.6 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		



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CATALOG NUMBER: GFLD-SA5D-750-U-MR-VSR-XX

Iso-Candela Plot





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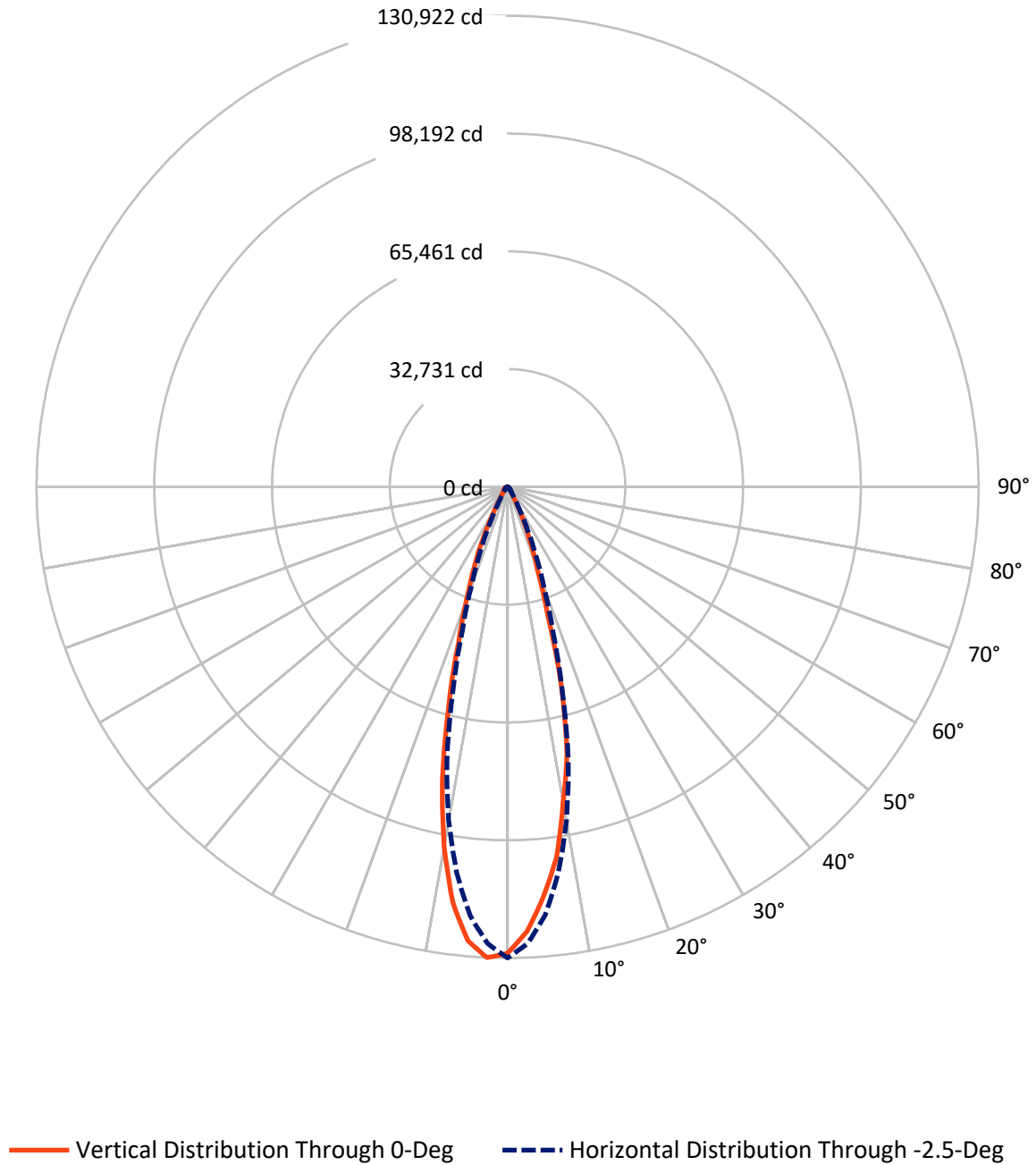
Lumen Table

90																			
80	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	0.0				
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		0.1	0.2	1.0	2.5	4.3	5.9	7.0	7.0	5.9	4.3	2.5	1.0	0.2	0.1				
50	0.1	0.2	1.3	4.0	7.8	12.0	16.9	19.8	19.8	16.9	12.0	7.8	4.0	1.3	0.2	0.1			
40		0.5	3.1	7.9	14.6	24.0	40.1	53.4	53.4	40.1	24.0	14.6	7.9	3.1	0.5				
30	0.3	1.2	5.0	12.1	23.1	56.1	176.2	323.2	323.2	176.2	56.1	23.1	12.1	5.0	1.2	0.3			
20		1.8	6.9	16.5	39.5	193.4	786.4	1539.7	1539.7	786.4	193.4	39.5	16.5	6.9	1.8				
10	0.5	2.3	8.4	19.6	56.7	368.6	1587.8	3112.2	3112.2	1587.8	368.6	56.7	19.6	8.4	2.3	0.5			
0		2.7	9.1	20.7	60.6	386.2	1629.2	3300.1	3300.1	1629.2	386.2	60.6	20.7	9.1	2.7				
-10	0.7	2.9	9.3	20.2	49.8	237.1	901.0	1746.4	1746.4	901.0	237.1	49.8	20.2	9.3	2.9	0.7			
-20		2.8	8.9	18.5	36.5	92.1	279.0	497.8	497.8	279.0	92.1	36.5	18.5	8.9	2.8				
-30	0.7	2.4	7.9	16.0	27.7	45.4	74.2	99.2	99.2	74.2	45.4	27.7	16.0	7.9	2.4	0.7			
-40		2.0	6.5	13.3	21.9	31.3	41.2	46.2	46.2	41.2	31.3	21.9	13.3	6.5	2.0				
-50	0.4	1.5	4.9	10.4	17.1	23.8	29.7	32.4	32.4	29.7	23.8	17.1	10.4	4.9	1.5	0.4			
-60		1.0	3.1	6.8	11.4	16.2	20.3	22.5	22.5	20.3	16.2	11.4	6.8	3.1	1.0				
-70	0.1															0.1			
-80		2.4		11.0		23.7		29.9		23.7		11.0		2.4					
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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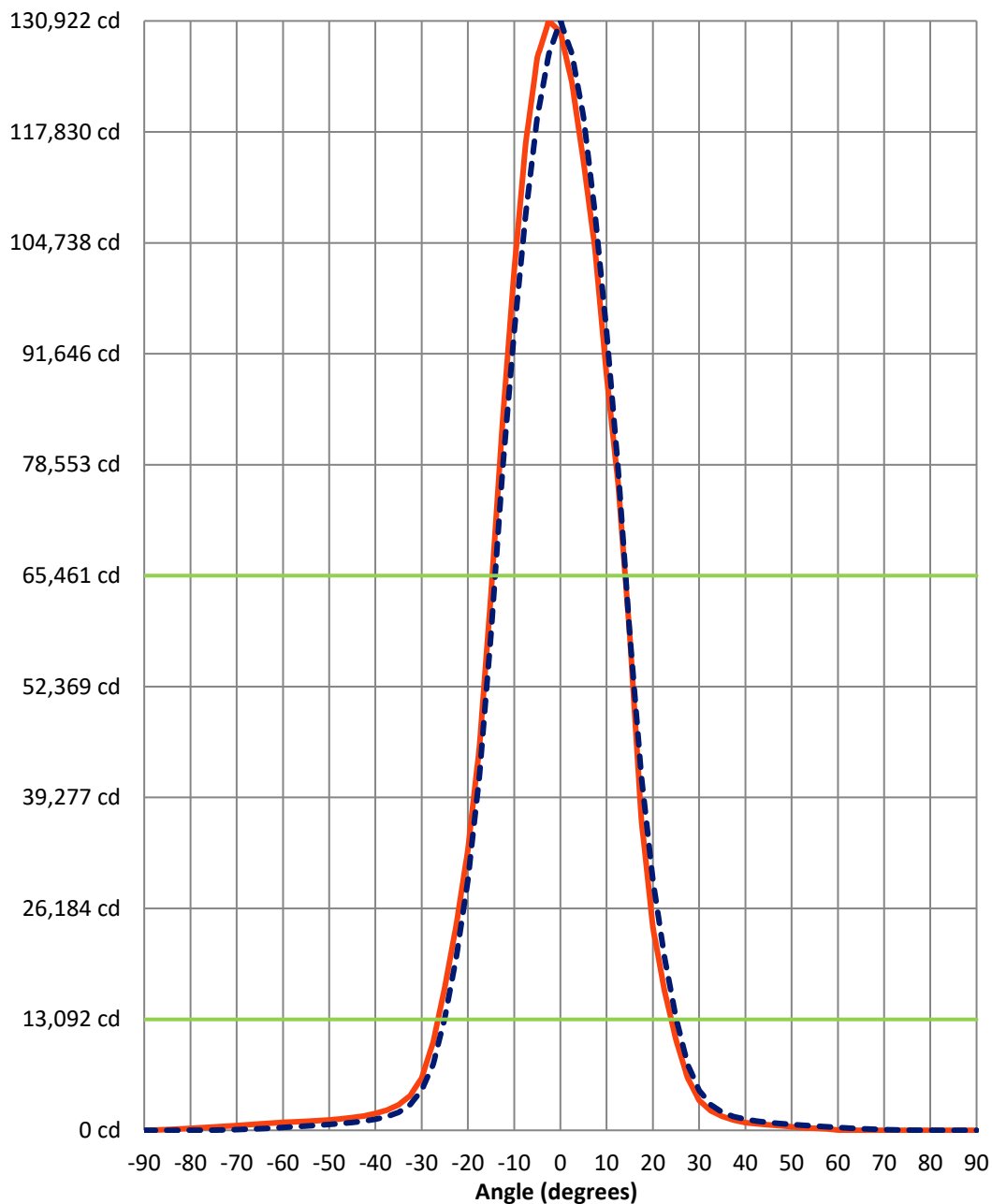
CATALOG NUMBER: GFLD-SA5D-750-U-MR-VSR-XX

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 18566.6
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 31903.6
 Efficiency: 85.9%

Spill:
 Lumens: 5228.8
 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	2	4	3
55°	0	0	0	0	0	0	1	0	4	5	3
52.5°	0	0	0	0	0	0	2	2	6	6	4
50°	0	0	0	0	0	1	2	4	8	6	6
47.5°	0	0	0	0	0	2	3	6	8	7	7
45°	0	0	0	0	0	3	5	8	8	7	8
42.5°	0	0	0	0	0	4	6	8	8	8	13
40°	0	0	0	0	0	5	7	8	9	8	20
37.5°	0	0	0	0	1	6	7	8	10	12	27
35°	0	0	0	0	2	7	8	8	12	20	36
32.5°	0	0	0	0	3	7	8	8	15	27	45
30°	0	0	0	0	4	7	8	9	19	35	55
27.5°	0	0	0	0	4	8	8	11	23	42	66
25°	0	0	0	0	5	8	8	14	29	50	77
22.5°	0	0	0	0	6	8	8	17	35	59	92
20°	0	0	0	0	6	8	8	21	40	68	106
17.5°	0	0	0	0	7	8	9	24	45	77	119
15°	0	0	0	0	7	8	10	28	50	87	130
12.5°	0	0	0	0	7	8	11	32	54	96	141
10°	0	0	0	0	8	8	12	36	59	104	150
7.5°	0	0	0	0	8	8	13	40	63	112	160
5°	0	0	0	0	8	8	14	43	67	120	168
2.5°	0	0	0	0	8	8	15	47	71	126	175
0°	0	0	0	0	8	8	16	49	74	132	181
-2.5°	0	0	0	1	8	9	20	51	81	137	187
-5°	0	0	0	1	8	10	23	51	88	140	191
-7.5°	0	0	0	2	8	11	26	52	94	143	194
-10°	0	0	0	2	8	12	28	52	98	146	196
-12.5°	0	0	0	2	8	12	30	52	101	148	201
-15°	0	0	0	3	8	13	32	53	101	150	205
-17.5°	0	0	0	3	8	13	33	55	100	151	206
-20°	0	0	0	3	8	13	33	57	99	150	206

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CATALOG NUMBER: GFLD-SA5D-750-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	4	8	13	34	59	96	149	203
-25°	0	0	0	4	8	14	34	61	94	146	198
-27.5°	0	0	0	4	8	15	34	62	91	141	194
-30°	0	0	0	4	8	16	34	62	90	137	188
-32.5°	0	0	0	4	9	16	33	61	90	132	180
-35°	0	0	0	3	10	17	33	60	89	126	171
-37.5°	0	0	0	3	10	17	34	58	87	121	166
-40°	0	0	0	2	11	18	33	56	84	117	162
-42.5°	0	0	0	2	11	18	32	54	81	114	156
-45°	0	0	0	1	10	18	31	52	78	108	149
-47.5°	0	0	0	1	10	18	29	50	75	102	141
-50°	0	0	0	1	9	17	28	47	70	97	131
-52.5°	0	0	0	1	8	17	27	43	66	91	120
-55°	0	0	0	2	8	16	25	39	60	84	111
-57.5°	0	0	0	2	7	15	23	36	54	76	101
-60°	0	0	0	2	6	14	21	33	48	69	91
-62.5°	0	0	0	2	6	13	20	30	44	60	81
-65°	0	0	0	2	6	11	18	26	39	54	71
-67.5°	0	0	0	2	5	10	17	24	34	47	62
-70°	0	0	0	2	5	9	15	22	30	40	54
-72.5°	0	0	0	2	4	9	14	19	25	34	45
-75°	0	0	0	1	4	7	12	16	21	27	36
-77.5°	0	0	0	1	3	6	10	13	17	21	27
-80°	0	0	0	1	3	5	8	10	13	16	19
-82.5°	0	0	0	1	2	4	6	7	8	10	13
-85°	0	0	0	1	1	3	4	5	6	6	7
-87.5°	0	0	0	0	1	1	2	2	3	3	3
-90°	0	0	0	0	0	0	0	0	0	0	0

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CATALOG NUMBER: GFLD-SA5D-750-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	4	5	7	8	8	17
57.5°	1	2	4	4	6	9	13	15	26	38	46
55°	3	5	6	7	12	20	27	41	55	72	87
52.5°	5	8	8	13	24	36	52	72	94	110	124
50°	8	10	11	26	41	60	85	112	131	147	170
47.5°	11	13	25	42	63	92	125	148	166	196	230
45°	16	24	40	63	91	130	159	181	213	248	283
42.5°	22	37	59	82	127	164	192	223	258	297	335
40°	32	49	79	116	161	197	232	267	303	349	389
37.5°	43	68	101	147	193	233	274	314	358	406	453
35°	52	87	128	176	223	272	316	362	416	469	523
32.5°	66	107	152	204	255	308	357	417	473	531	597
30°	84	127	175	231	284	341	404	470	526	591	662
27.5°	103	146	199	256	312	373	449	515	577	647	723
25°	120	166	222	279	340	411	492	559	624	702	793
22.5°	137	186	247	300	367	449	532	608	682	758	864
20°	153	208	270	328	394	485	572	657	742	839	958
17.5°	169	228	293	358	431	521	613	707	803	921	1069
15°	184	246	316	386	465	556	653	756	868	1006	1175
12.5°	197	263	337	412	494	589	689	796	925	1091	1301
10°	210	278	358	436	520	618	720	832	971	1149	1395
7.5°	221	293	377	457	543	643	746	862	1008	1198	1470
5°	231	307	392	472	560	663	768	888	1038	1236	1531
2.5°	240	319	403	485	574	675	782	904	1059	1272	1577
0°	247	330	412	495	585	684	791	915	1072	1302	1607
-2.5°	255	341	422	505	596	693	801	925	1086	1311	1615
-5°	261	349	429	513	604	698	805	929	1093	1313	1619
-7.5°	266	355	434	518	611	703	809	933	1097	1310	1617
-10°	269	359	438	523	616	708	810	932	1091	1297	1591
-12.5°	274	360	441	525	617	709	807	924	1075	1271	1539
-15°	277	360	441	524	616	708	800	909	1051	1239	1472
-17.5°	278	359	439	520	611	704	791	895	1028	1204	1427
-20°	278	357	435	512	604	696	783	884	1008	1163	1363

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CATALOG NUMBER: GFLD-SA5D-750-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°	276	354	429	504	593	683	771	866	981	1112	1291
-25°	272	350	423	498	580	666	755	843	952	1077	1230
-27.5°	265	344	416	489	566	648	735	822	921	1036	1167
-30°	255	333	405	478	553	631	711	797	886	993	1113
-32.5°	242	322	392	464	539	613	685	768	855	947	1055
-35°	232	307	378	446	522	593	662	735	820	906	997
-37.5°	225	292	362	428	499	570	635	703	779	863	946
-40°	216	276	345	409	473	545	609	671	739	820	900
-42.5°	206	265	328	391	452	516	582	641	705	779	855
-45°	198	252	310	371	432	489	550	613	675	741	812
-47.5°	187	239	295	349	408	466	520	580	644	706	768
-50°	175	225	275	326	381	440	496	547	605	667	728
-52.5°	161	208	255	302	353	408	465	518	568	622	680
-55°	145	189	233	277	323	374	428	482	535	583	633
-57.5°	131	168	210	253	295	338	390	441	492	541	591
-60°	118	148	185	226	268	308	352	399	447	494	540
-62.5°	104	131	162	197	236	277	317	358	402	441	482
-65°	92	114	140	170	203	238	276	316	355	388	419
-67.5°	78	98	119	144	172	202	232	266	302	333	361
-70°	67	81	99	119	142	167	193	221	248	275	302
-72.5°	57	69	81	95	115	137	158	180	202	226	249
-75°	46	56	66	78	92	109	127	147	165	184	202
-77.5°	35	44	53	61	71	85	99	114	129	145	160
-80°	25	32	40	48	55	63	72	82	93	105	117
-82.5°	17	22	28	34	38	43	48	54	62	71	79
-85°	9	12	16	20	22	25	27	30	35	40	45
-87.5°	5	6	8	9	10	11	11	12	14	16	18
-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	2	2	2	1	0	0
62.5°	2	4	6	9	9	10	11	11	11	11	11
60°	21	20	31	38	36	28	41	47	44	38	38
57.5°	58	72	83	87	97	115	120	118	120	125	140
55°	101	112	121	137	154	170	182	191	200	211	223
52.5°	138	157	170	187	210	223	229	252	272	287	297
50°	196	216	238	260	282	301	318	341	368	397	414
47.5°	257	283	311	344	368	387	408	440	477	510	531
45°	315	344	379	411	438	464	497	535	573	607	632
42.5°	366	399	436	472	497	538	583	622	669	712	744
40°	425	457	511	549	581	625	691	748	804	856	889
37.5°	496	551	609	655	698	753	844	932	1003	1073	1123
35°	581	646	718	769	834	936	1048	1171	1294	1392	1481
32.5°	661	734	807	888	988	1132	1273	1469	1651	1838	2013
30°	734	815	905	1008	1170	1370	1600	1900	2227	2552	2923
27.5°	810	900	1007	1171	1416	1688	2114	2587	3262	3805	4680
25°	893	995	1139	1402	1741	2220	2962	3806	5202	6394	7739
22.5°	994	1149	1355	1684	2250	3111	4265	6105	8249	10240	12138
20°	1118	1329	1680	2205	3016	4341	6529	9320	12300	15214	18031
17.5°	1282	1617	2118	2865	4014	6800	10057	14044	19148	22982	26617
15°	1432	1854	2613	3822	5985	9571	14122	20228	27100	32877	39413
12.5°	1608	2120	3033	4601	7694	12433	18235	25517	33650	42420	52657
10°	1763	2391	3567	5725	9477	14992	21494	30041	40487	52896	65835
7.5°	1882	2618	4013	6567	10978	17091	24847	35243	48472	62976	77732
5°	1974	2793	4363	7228	12255	18795	27294	39358	54437	71085	85758
2.5°	2046	2917	4595	7634	13118	19959	28968	41545	58087	76379	91785
0°	2102	2992	4723	7922	13519	20510	29742	42429	59798	78972	94816
-2.5°	2121	3032	4730	7822	13275	20476	29561	41887	58618	77942	94173
-5°	2129	3012	4610	7614	12843	19742	28378	39829	55014	73140	89588
-7.5°	2113	2931	4369	7104	11872	18445	26725	36777	49223	65205	82204
-10°	2056	2790	4041	6412	10534	16422	24151	32644	42587	55634	69411
-12.5°	1953	2580	3589	5375	8960	14132	20977	28485	36234	44808	56139
-15°	1830	2365	3220	4747	7503	11726	17269	23610	30042	36607	43520
-17.5°	1736	2178	2842	3907	5760	9175	13608	18704	23921	29135	33790
-20°	1618	1955	2473	3302	4647	6668	10002	13967	17866	22117	25685

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Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627714 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-750-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°	1512	1798	2186	2708	3613	5036	6937	9727	12690	15778	18707
-25°	1412	1628	1936	2355	2896	3742	4997	6456	8536	10435	12610
-27.5°	1327	1508	1718	2028	2437	2901	3671	4523	5613	6519	7971
-30°	1246	1391	1563	1763	2063	2416	2829	3346	3879	4414	5110
-32.5°	1170	1291	1426	1588	1773	2038	2295	2626	2918	3240	3571
-35°	1095	1203	1315	1442	1585	1759	1952	2171	2366	2559	2733
-37.5°	1031	1121	1219	1319	1434	1555	1707	1861	1992	2118	2225
-40°	976	1052	1133	1217	1308	1406	1524	1638	1726	1808	1876
-42.5°	927	993	1057	1128	1204	1294	1386	1473	1533	1590	1635
-45°	880	937	995	1054	1116	1195	1273	1341	1389	1431	1464
-47.5°	829	882	934	988	1048	1110	1173	1224	1266	1302	1327
-50°	781	832	879	924	977	1033	1087	1130	1167	1199	1216
-52.5°	733	782	829	875	919	962	1005	1046	1083	1116	1129
-55°	686	734	777	819	862	903	942	977	1011	1043	1052
-57.5°	640	689	734	769	805	842	879	914	946	975	986
-60°	588	637	677	711	745	780	812	844	876	904	916
-62.5°	526	571	606	639	671	701	731	760	788	811	825
-65°	452	491	526	558	587	614	642	668	692	710	721
-67.5°	389	417	447	476	505	532	556	579	601	616	626
-70°	328	353	380	406	432	456	477	498	517	531	541
-72.5°	272	295	318	342	365	385	404	421	439	451	460
-75°	221	240	260	280	300	317	332	346	360	371	379
-77.5°	176	190	205	220	235	248	261	272	283	292	299
-80°	130	142	153	164	175	184	194	203	212	219	226
-82.5°	88	97	106	115	123	129	134	138	142	148	154
-85°	51	56	62	67	73	77	80	83	87	90	93
-87.5°	20	23	25	27	30	30	31	31	32	34	37
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627714 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-750-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°	10	8	8	8	8	8	10	11	11	11	11
60°	36	33	33	33	33	33	36	38	38	44	47
57.5°	154	165	171	173	171	165	154	140	125	120	118
55°	234	242	243	239	243	242	234	223	211	200	191
52.5°	302	303	301	297	301	303	302	297	287	272	252
50°	419	418	418	420	418	418	419	414	397	368	341
47.5°	539	545	547	544	547	545	539	531	510	477	440
45°	644	652	655	651	655	652	644	632	607	573	535
42.5°	757	762	764	767	764	762	757	744	712	669	622
40°	905	910	909	907	909	910	905	889	856	804	748
37.5°	1157	1174	1182	1204	1182	1174	1157	1123	1073	1003	932
35°	1548	1591	1614	1649	1614	1591	1548	1481	1392	1294	1171
32.5°	2139	2225	2271	2316	2271	2225	2139	2013	1838	1651	1469
30°	3179	3349	3418	3545	3418	3349	3179	2923	2552	2227	1900
27.5°	5322	5725	5884	6216	5884	5725	5322	4680	3805	3262	2587
25°	8964	9833	10313	10692	10313	9833	8964	7739	6394	5202	3806
22.5°	14054	15328	16009	16512	16009	15328	14054	12138	10240	8249	6105
20°	20585	22266	23269	23997	23269	22266	20585	18031	15214	12300	9320
17.5°	31284	33927	35471	36799	35471	33927	31284	26617	22982	19148	14044
15°	46705	52014	56140	58438	56140	52014	46705	39413	32877	27100	20228
12.5°	61706	69482	74102	76227	74102	69482	61706	52657	42420	33650	25517
10°	76542	83874	88269	89046	88269	83874	76542	65835	52896	40487	30041
7.5°	87899	95962	101803	103925	101803	95962	87899	77732	62976	48472	35243
5°	97931	107372	113553	114336	113553	107372	97931	85758	71085	54437	39358
2.5°	105310	115573	121567	123627	121567	115573	105310	91785	76379	58087	41545
0°	108879	119934	126603	129603	126603	119934	108879	94816	78972	59798	42429
-2.5°	108128	119562	127005	130922	127005	119562	108128	94173	77942	58618	41887
-5°	104017	115484	122425	126586	122425	115484	104017	89588	73140	55014	39829
-7.5°	94536	105259	112648	116488	112648	105259	94536	82204	65205	49223	36777
-10°	82319	91395	98129	101402	98129	91395	82319	69411	55634	42587	32644
-12.5°	66444	75248	81323	83638	81323	75248	66444	56139	44808	36234	28485
-15°	50908	57627	61943	63310	61943	57627	50908	43520	36607	30042	23610
-17.5°	38607	42224	44652	45306	44652	42224	38607	33790	29135	23921	18704
-20°	28924	31165	32741	33114	32741	31165	28924	25685	22117	17866	13967

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REPORT NUMBER: P627714 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-750-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°	21074	22759	24032	24285	24032	22759	21074	18707	15778	12690	9727
-25°	14537	15946	16809	16874	16809	15946	14537	12610	10435	8536	6456
-27.5°	9114	9888	10287	10428	10287	9888	9114	7971	6519	5613	4523
-30°	5632	5989	6176	6183	6176	5989	5632	5110	4414	3879	3346
-32.5°	3823	3996	4089	4089	4089	3996	3823	3571	3240	2918	2626
-35°	2864	2953	3003	3009	3003	2953	2864	2733	2559	2366	2171
-37.5°	2303	2352	2378	2382	2378	2352	2303	2225	2118	1992	1861
-40°	1926	1960	1981	1995	1981	1960	1926	1876	1808	1726	1638
-42.5°	1665	1688	1697	1690	1697	1688	1665	1635	1590	1533	1473
-45°	1483	1497	1505	1509	1505	1497	1483	1464	1431	1389	1341
-47.5°	1339	1345	1350	1352	1350	1345	1339	1327	1302	1266	1224
-50°	1225	1231	1232	1228	1232	1231	1225	1216	1199	1167	1130
-52.5°	1133	1135	1136	1138	1136	1135	1133	1129	1116	1083	1046
-55°	1058	1061	1062	1063	1062	1061	1058	1052	1043	1011	977
-57.5°	994	1001	1001	998	1001	1001	994	986	975	946	914
-60°	927	935	939	940	939	935	927	916	904	876	844
-62.5°	835	844	848	849	848	844	835	825	811	788	760
-65°	730	737	748	758	748	737	730	721	710	692	668
-67.5°	634	640	650	659	650	640	634	626	616	601	579
-70°	550	557	560	561	560	557	550	541	531	517	498
-72.5°	468	475	478	478	478	475	468	460	451	439	421
-75°	387	393	395	396	395	393	387	379	371	360	346
-77.5°	306	312	313	313	313	312	306	299	292	283	272
-80°	232	238	235	231	235	238	232	226	219	212	203
-82.5°	159	164	161	157	161	164	159	154	148	142	138
-85°	96	98	95	91	95	98	96	93	90	87	83
-87.5°	39	41	37	33	37	41	39	37	34	32	31
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627714 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-750-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	2	0	0	0	0	0	0	0	0	0
62.5°	11	10	9	9	6	4	2	3	2	1	2
60°	41	28	36	38	31	20	21	17	8	8	7
57.5°	120	115	97	87	83	72	58	46	38	26	15
55°	182	170	154	137	121	112	101	87	72	55	41
52.5°	229	223	210	187	170	157	138	124	110	94	72
50°	318	301	282	260	238	216	196	170	147	131	112
47.5°	408	387	368	344	311	283	257	230	196	166	148
45°	497	464	438	411	379	344	315	283	248	213	181
42.5°	583	538	497	472	436	399	366	335	297	258	223
40°	691	625	581	549	511	457	425	389	349	303	267
37.5°	844	753	698	655	609	551	496	453	406	358	314
35°	1048	936	834	769	718	646	581	523	469	416	362
32.5°	1273	1132	988	888	807	734	661	597	531	473	417
30°	1600	1370	1170	1008	905	815	734	662	591	526	470
27.5°	2114	1688	1416	1171	1007	900	810	723	647	577	515
25°	2962	2220	1741	1402	1139	995	893	793	702	624	559
22.5°	4265	3111	2250	1684	1355	1149	994	864	758	682	608
20°	6529	4341	3016	2205	1680	1329	1118	958	839	742	657
17.5°	10057	6800	4014	2865	2118	1617	1282	1069	921	803	707
15°	14122	9571	5985	3822	2613	1854	1432	1175	1006	868	756
12.5°	18235	12433	7694	4601	3033	2120	1608	1301	1091	925	796
10°	21494	14992	9477	5725	3567	2391	1763	1395	1149	971	832
7.5°	24847	17091	10978	6567	4013	2618	1882	1470	1198	1008	862
5°	27294	18795	12255	7228	4363	2793	1974	1531	1236	1038	888
2.5°	28968	19959	13118	7634	4595	2917	2046	1577	1272	1059	904
0°	29742	20510	13519	7922	4723	2992	2102	1607	1302	1072	915
-2.5°	29561	20476	13275	7822	4730	3032	2121	1615	1311	1086	925
-5°	28378	19742	12843	7614	4610	3012	2129	1619	1313	1093	929
-7.5°	26725	18445	11872	7104	4369	2931	2113	1617	1310	1097	933
-10°	24151	16422	10534	6412	4041	2790	2056	1591	1297	1091	932
-12.5°	20977	14132	8960	5375	3589	2580	1953	1539	1271	1075	924
-15°	17269	11726	7503	4747	3220	2365	1830	1472	1239	1051	909
-17.5°	13608	9175	5760	3907	2842	2178	1736	1427	1204	1028	895
-20°	10002	6668	4647	3302	2473	1955	1618	1363	1163	1008	884

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REPORT NUMBER: P627714 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-750-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°	6937	5036	3613	2708	2186	1798	1512	1291	1112	981	866
-25°	4997	3742	2896	2355	1936	1628	1412	1230	1077	952	843
-27.5°	3671	2901	2437	2028	1718	1508	1327	1167	1036	921	822
-30°	2829	2416	2063	1763	1563	1391	1246	1113	993	886	797
-32.5°	2295	2038	1773	1588	1426	1291	1170	1055	947	855	768
-35°	1952	1759	1585	1442	1315	1203	1095	997	906	820	735
-37.5°	1707	1555	1434	1319	1219	1121	1031	946	863	779	703
-40°	1524	1406	1308	1217	1133	1052	976	900	820	739	671
-42.5°	1386	1294	1204	1128	1057	993	927	855	779	705	641
-45°	1273	1195	1116	1054	995	937	880	812	741	675	613
-47.5°	1173	1110	1048	988	934	882	829	768	706	644	580
-50°	1087	1033	977	924	879	832	781	728	667	605	547
-52.5°	1005	962	919	875	829	782	733	680	622	568	518
-55°	942	903	862	819	777	734	686	633	583	535	482
-57.5°	879	842	805	769	734	689	640	591	541	492	441
-60°	812	780	745	711	677	637	588	540	494	447	399
-62.5°	731	701	671	639	606	571	526	482	441	402	358
-65°	642	614	587	558	526	491	452	419	388	355	316
-67.5°	556	532	505	476	447	417	389	361	333	302	266
-70°	477	456	432	406	380	353	328	302	275	248	221
-72.5°	404	385	365	342	318	295	272	249	226	202	180
-75°	332	317	300	280	260	240	221	202	184	165	147
-77.5°	261	248	235	220	205	190	176	160	145	129	114
-80°	194	184	175	164	153	142	130	117	105	93	82
-82.5°	134	129	123	115	106	97	88	79	71	62	54
-85°	80	77	73	67	62	56	51	45	40	35	30
-87.5°	31	30	30	27	25	23	20	18	16	14	12
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627714 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-750-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°	5	4	2	2	1	0	1	2	2	0	0
57.5°	13	9	6	4	4	2	1	3	4	2	0
55°	27	20	12	7	6	5	3	3	5	4	0
52.5°	52	36	24	13	8	8	5	4	6	6	2
50°	85	60	41	26	11	10	8	6	6	8	4
47.5°	125	92	63	42	25	13	11	7	7	8	6
45°	159	130	91	63	40	24	16	8	7	8	8
42.5°	192	164	127	82	59	37	22	13	8	8	8
40°	232	197	161	116	79	49	32	20	8	9	8
37.5°	274	233	193	147	101	68	43	27	12	10	8
35°	316	272	223	176	128	87	52	36	20	12	8
32.5°	357	308	255	204	152	107	66	45	27	15	8
30°	404	341	284	231	175	127	84	55	35	19	9
27.5°	449	373	312	256	199	146	103	66	42	23	11
25°	492	411	340	279	222	166	120	77	50	29	14
22.5°	532	449	367	300	247	186	137	92	59	35	17
20°	572	485	394	328	270	208	153	106	68	40	21
17.5°	613	521	431	358	293	228	169	119	77	45	24
15°	653	556	465	386	316	246	184	130	87	50	28
12.5°	689	589	494	412	337	263	197	141	96	54	32
10°	720	618	520	436	358	278	210	150	104	59	36
7.5°	746	643	543	457	377	293	221	160	112	63	40
5°	768	663	560	472	392	307	231	168	120	67	43
2.5°	782	675	574	485	403	319	240	175	126	71	47
0°	791	684	585	495	412	330	247	181	132	74	49
-2.5°	801	693	596	505	422	341	255	187	137	81	51
-5°	805	698	604	513	429	349	261	191	140	88	51
-7.5°	809	703	611	518	434	355	266	194	143	94	52
-10°	810	708	616	523	438	359	269	196	146	98	52
-12.5°	807	709	617	525	441	360	274	201	148	101	52
-15°	800	708	616	524	441	360	277	205	150	101	53
-17.5°	791	704	611	520	439	359	278	206	151	100	55
-20°	783	696	604	512	435	357	278	206	150	99	57

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REPORT NUMBER: P627714 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-750-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°	771	683	593	504	429	354	276	203	149	96	59
-25°	755	666	580	498	423	350	272	198	146	94	61
-27.5°	735	648	566	489	416	344	265	194	141	91	62
-30°	711	631	553	478	405	333	255	188	137	90	62
-32.5°	685	613	539	464	392	322	242	180	132	90	61
-35°	662	593	522	446	378	307	232	171	126	89	60
-37.5°	635	570	499	428	362	292	225	166	121	87	58
-40°	609	545	473	409	345	276	216	162	117	84	56
-42.5°	582	516	452	391	328	265	206	156	114	81	54
-45°	550	489	432	371	310	252	198	149	108	78	52
-47.5°	520	466	408	349	295	239	187	141	102	75	50
-50°	496	440	381	326	275	225	175	131	97	70	47
-52.5°	465	408	353	302	255	208	161	120	91	66	43
-55°	428	374	323	277	233	189	145	111	84	60	39
-57.5°	390	338	295	253	210	168	131	101	76	54	36
-60°	352	308	268	226	185	148	118	91	69	48	33
-62.5°	317	277	236	197	162	131	104	81	60	44	30
-65°	276	238	203	170	140	114	92	71	54	39	26
-67.5°	232	202	172	144	119	98	78	62	47	34	24
-70°	193	167	142	119	99	81	67	54	40	30	22
-72.5°	158	137	115	95	81	69	57	45	34	25	19
-75°	127	109	92	78	66	56	46	36	27	21	16
-77.5°	99	85	71	61	53	44	35	27	21	17	13
-80°	72	63	55	48	40	32	25	19	16	13	10
-82.5°	48	43	38	34	28	22	17	13	10	8	7
-85°	27	25	22	20	16	12	9	7	6	6	5
-87.5°	11	11	10	9	8	6	5	3	3	3	2
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627714 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-750-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°	2	0	0	0	0	0	0
50°	2	1	0	0	0	0	0
47.5°	3	2	0	0	0	0	0
45°	5	3	0	0	0	0	0
42.5°	6	4	0	0	0	0	0
40°	7	5	0	0	0	0	0
37.5°	7	6	1	0	0	0	0
35°	8	7	2	0	0	0	0
32.5°	8	7	3	0	0	0	0
30°	8	7	4	0	0	0	0
27.5°	8	8	4	0	0	0	0
25°	8	8	5	0	0	0	0
22.5°	8	8	6	0	0	0	0
20°	8	8	6	0	0	0	0
17.5°	9	8	7	0	0	0	0
15°	10	8	7	0	0	0	0
12.5°	11	8	7	0	0	0	0
10°	12	8	8	0	0	0	0
7.5°	13	8	8	0	0	0	0
5°	14	8	8	0	0	0	0
2.5°	15	8	8	0	0	0	0
0°	16	8	8	0	0	0	0
-2.5°	20	9	8	1	0	0	0
-5°	23	10	8	1	0	0	0
-7.5°	26	11	8	2	0	0	0
-10°	28	12	8	2	0	0	0
-12.5°	30	12	8	2	0	0	0
-15°	32	13	8	3	0	0	0
-17.5°	33	13	8	3	0	0	0
-20°	33	13	8	3	0	0	0

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REPORT NUMBER: P627714 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-750-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	34	13	8	4	0	0	0
-25°	34	14	8	4	0	0	0
-27.5°	34	15	8	4	0	0	0
-30°	34	16	8	4	0	0	0
-32.5°	33	16	9	4	0	0	0
-35°	33	17	10	3	0	0	0
-37.5°	34	17	10	3	0	0	0
-40°	33	18	11	2	0	0	0
-42.5°	32	18	11	2	0	0	0
-45°	31	18	10	1	0	0	0
-47.5°	29	18	10	1	0	0	0
-50°	28	17	9	1	0	0	0
-52.5°	27	17	8	1	0	0	0
-55°	25	16	8	2	0	0	0
-57.5°	23	15	7	2	0	0	0
-60°	21	14	6	2	0	0	0
-62.5°	20	13	6	2	0	0	0
-65°	18	11	6	2	0	0	0
-67.5°	17	10	5	2	0	0	0
-70°	15	9	5	2	0	0	0
-72.5°	14	9	4	2	0	0	0
-75°	12	7	4	1	0	0	0
-77.5°	10	6	3	1	0	0	0
-80°	8	5	3	1	0	0	0
-82.5°	6	4	2	1	0	0	0
-85°	4	3	1	1	0	0	0
-87.5°	2	1	1	0	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)