

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: P627576 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-735-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627576 (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-SA5B-735-U-MWR-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (80) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

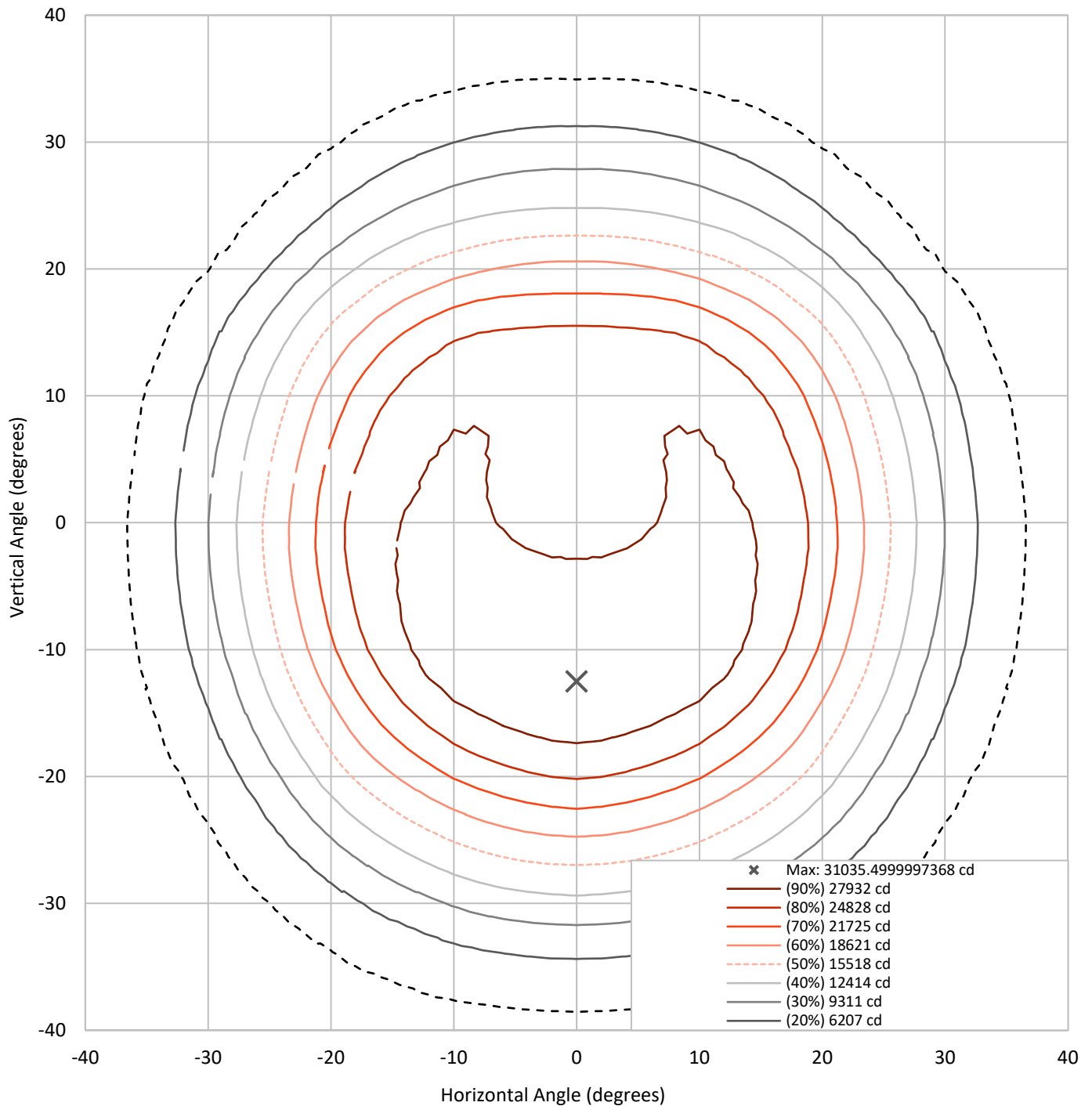
Lumens per Lamp: N/A
Luminaire Lumens: 22152.6 lumens
Efficiency: N/A
Efficacy: 139.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
NEMA Type: 4H x 5V
Max Intensity: 31035.5 candela
Max Intensity Angle: 0°H x -12.5°V
Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 14837.7 lumens
Beam Efficiency: 67.0%
Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 19967.2 lumens
Field Efficiency: 90.1%

Input Watts (W): 158.7
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-SA5B-735-U-MWR-VSR-XX

Iso-Candela Plot





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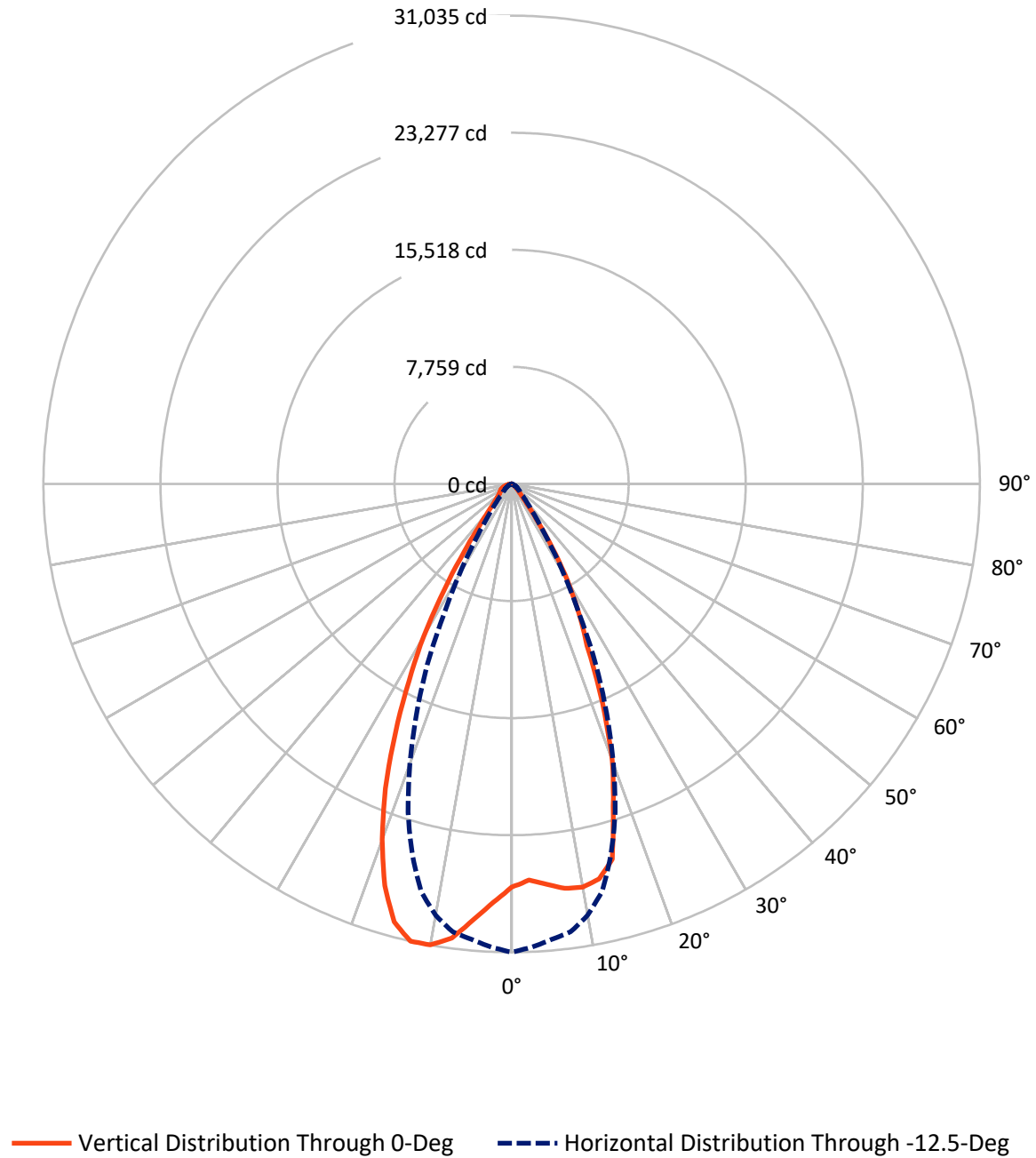
CATALOG NUMBER: GFLD-SA5B-735-U-MWR-VSR-XX

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	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0									
50		0.1	0.1	0.7	1.8	3.0	4.2	4.9	4.9	4.2	3.0	1.8	0.7	0.1		0.1								
40	0.1	0.1	0.9	3.1	6.2	10.2	15.2	18.6	18.6	15.2	10.2	6.2	3.1	0.9	0.1	0.1								
30		0.4	2.5	6.4	13.3	28.8	65.4	99.9	99.9	65.4	28.8	13.3	6.4	2.5	0.4									
20	0.2	0.9	4.1	10.3	27.8	103.0	265.2	370.7	370.7	265.2	103.0	27.8	10.3	4.1	0.9	0.2								
10		1.5	5.8	16.0	66.1	286.0	596.6	738.6	738.6	596.6	286.0	66.1	16.0	5.8	1.5									
0	0.5	1.9	7.1	20.6	105.3	421.1	769.2	833.9	833.9	769.2	421.1	105.3	20.6	7.1	1.9	0.5								
-10		2.3	7.9	22.1	110.2	434.9	796.9	885.1	885.1	796.9	434.9	110.2	22.1	7.9	2.3									
-20	0.6	2.4	8.0	20.1	78.8	323.8	672.3	858.4	858.4	672.3	323.8	78.8	20.1	8.0	2.4	0.6								
-30		2.4	7.6	16.7	44.1	157.1	374.6	527.1	527.1	374.6	157.1	44.1	16.7	7.6	2.4									
-40	0.6	2.1	6.8	13.9	26.3	56.0	117.0	173.7	173.7	117.0	56.0	26.3	13.9	6.8	2.1	0.6								
-50		1.7	5.7	11.5	19.2	28.4	39.9	47.3	47.3	39.9	28.4	19.2	11.5	5.7	1.7									
-60	0.4	1.3	4.3	9.1	15.1	20.9	26.1	28.6	28.6	26.1	20.9	15.1	9.1	4.3	1.3	0.4								
-70		0.9	2.7	6.2	10.6	15.0	19.0	21.2	21.2	19.0	15.0	10.6	6.2	2.7	0.9									
-80	0.2	2.4	11.1	23.8	30.5	23.8	11.1	2.4	0.2															
-90																								
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90					

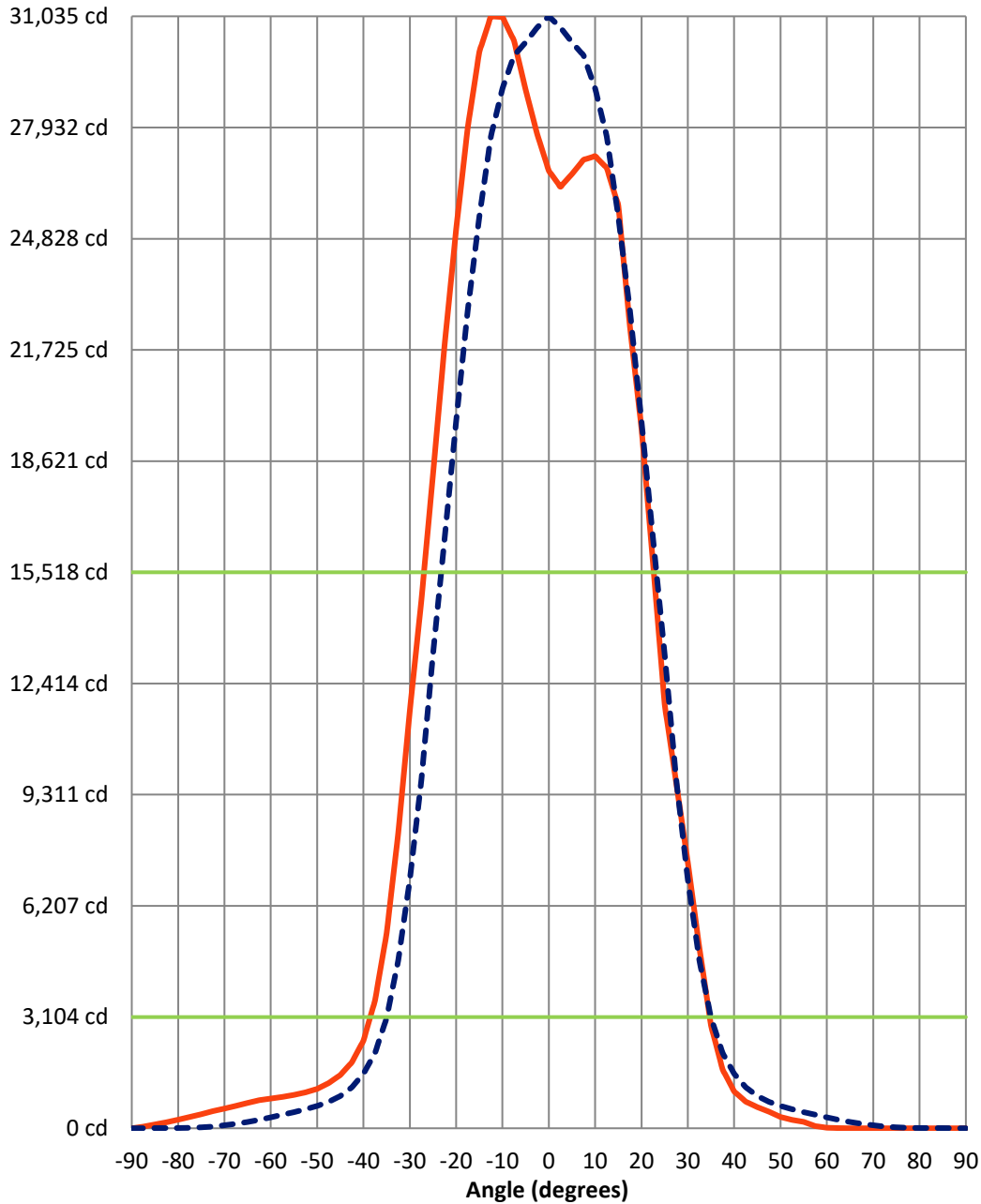
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 14837.7
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 19967.2
 Efficiency: 90.1%

Spill:
 Lumens: 2185.4
 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	1	1	0	0	0	0	0
70°	0	0	0	0	1	1	0	0	0	0	0
67.5°	0	0	0	1	2	2	1	0	0	1	1
65°	0	0	0	1	2	2	1	0	1	2	2
62.5°	0	0	0	2	3	2	1	1	2	3	3
60°	0	0	0	2	3	2	1	2	4	4	5
57.5°	0	0	0	3	3	2	2	4	4	5	5
55°	0	0	1	3	3	2	3	5	5	5	5
52.5°	0	0	1	4	4	3	4	5	5	5	5
50°	0	0	1	4	4	3	5	5	5	5	6
47.5°	0	0	2	5	4	4	5	6	5	5	7
45°	0	0	2	5	4	4	6	6	5	6	8
42.5°	0	0	2	5	4	5	6	7	6	8	10
40°	0	0	3	5	4	5	7	7	6	9	12
37.5°	0	0	3	5	5	5	7	7	8	12	14
35°	0	0	3	5	5	5	8	8	10	14	19
32.5°	0	0	3	5	5	6	9	8	12	18	30
30°	0	0	4	5	5	7	9	8	14	22	41
27.5°	0	0	4	5	5	7	9	10	17	27	50
25°	0	0	4	5	5	8	9	12	21	34	59
22.5°	0	0	4	5	5	8	10	13	25	42	70
20°	0	0	4	5	5	9	10	15	29	49	80
17.5°	0	0	5	5	5	9	10	17	33	55	92
15°	0	0	5	5	5	9	11	19	38	60	103
12.5°	0	0	5	5	5	10	12	23	42	65	114
10°	0	0	5	5	5	10	12	26	46	73	124
7.5°	0	0	5	5	5	10	13	30	49	82	132
5°	0	0	5	5	5	10	14	34	52	91	138
2.5°	0	0	5	5	5	10	15	37	54	99	144
0°	0	0	5	5	5	10	15	41	56	107	148
-2.5°	0	0	5	5	6	11	18	42	63	112	155
-5°	0	0	5	5	6	11	21	43	70	116	162
-7.5°	0	0	5	5	6	12	23	44	76	119	168
-10°	0	0	5	5	7	12	25	45	81	122	172
-12.5°	0	1	5	5	7	12	27	46	84	125	176
-15°	0	1	5	5	7	13	28	46	85	126	177
-17.5°	0	1	5	5	8	13	29	48	85	126	177
-20°	0	1	5	5	8	13	29	50	84	126	175

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CATALOG NUMBER: GFLD-SA5B-735-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	5	5	8	13	29	51	83	124	171
-25°	0	1	5	5	8	14	29	52	81	122	164
-27.5°	0	1	4	5	8	15	29	51	79	118	160
-30°	0	1	4	5	8	16	28	51	78	115	156
-32.5°	0	1	4	5	8	16	28	50	77	111	149
-35°	0	1	4	5	8	17	28	48	75	108	142
-37.5°	0	1	4	5	8	17	28	47	71	104	140
-40°	0	1	4	5	8	17	28	45	67	100	137
-42.5°	0	1	4	5	9	17	28	43	64	95	133
-45°	0	1	4	5	9	17	27	41	61	89	127
-47.5°	0	1	4	6	9	16	26	40	58	82	119
-50°	0	1	4	6	9	16	26	38	55	79	110
-52.5°	0	1	4	6	9	15	25	36	53	75	100
-55°	0	1	4	6	9	15	24	34	50	70	94
-57.5°	0	1	4	6	9	15	23	32	47	65	87
-60°	0	1	4	6	9	14	21	31	44	61	80
-62.5°	0	1	4	6	9	13	20	29	41	55	74
-65°	0	1	4	6	9	12	18	26	37	50	66
-67.5°	0	1	4	6	8	11	17	24	33	45	59
-70°	0	1	3	6	8	11	15	21	29	38	51
-72.5°	0	1	3	6	8	10	14	18	25	33	42
-75°	0	1	3	5	8	10	13	16	20	27	35
-77.5°	0	1	2	4	6	9	11	14	18	22	27
-80°	0	0	2	3	5	8	10	13	15	18	22
-82.5°	0	0	1	2	4	6	8	10	13	15	18
-85°	0	0	1	2	3	4	5	7	9	11	13
-87.5°	0	0	0	1	1	2	3	3	4	5	6
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627576 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-735-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	2	1	0	0	0	0	0	0	0
65°	2	3	3	1	0	1	2	1	0	0	0
62.5°	5	4	3	2	3	4	3	2	0	1	2
60°	5	4	4	4	5	5	3	4	4	5	12
57.5°	5	5	5	6	6	5	6	7	18	30	34
55°	5	5	6	7	8	9	13	28	43	53	57
52.5°	6	6	8	10	12	19	35	52	65	76	90
50°	7	8	10	14	22	40	59	78	95	112	131
47.5°	9	11	15	22	41	64	87	111	131	154	182
45°	11	16	22	39	63	91	120	147	168	195	219
42.5°	13	25	37	56	89	123	156	178	201	230	263
40°	21	35	53	82	118	158	187	210	236	276	316
37.5°	31	49	71	108	151	190	218	247	283	330	378
35°	42	62	95	136	184	220	251	287	337	391	447
32.5°	54	75	117	165	210	248	284	336	389	448	526
30°	65	95	141	192	234	275	324	382	435	507	599
27.5°	77	114	164	214	257	300	365	421	482	564	673
25°	91	135	186	234	279	332	404	464	526	631	779
22.5°	106	154	207	253	300	367	444	519	600	704	886
20°	123	173	226	276	320	401	487	578	688	834	1072
17.5°	139	190	245	299	354	436	532	641	778	959	1309
15°	153	205	263	321	386	473	579	711	878	1103	1538
12.5°	166	219	280	343	415	506	619	764	960	1284	1831
10°	177	230	297	365	440	535	654	808	1027	1414	2050
7.5°	187	243	312	385	462	561	684	843	1086	1516	2220
5°	195	258	326	400	478	581	709	871	1136	1590	2352
2.5°	203	272	337	412	490	598	729	897	1184	1652	2463
0°	209	285	346	422	499	611	743	916	1221	1694	2549
-2.5°	216	291	358	430	513	619	750	930	1233	1700	2532
-5°	222	296	368	436	524	625	751	935	1232	1687	2480
-7.5°	227	299	375	441	530	627	752	932	1219	1659	2395
-10°	230	302	378	447	532	627	748	920	1190	1604	2268
-12.5°	235	305	378	450	531	623	739	900	1144	1522	2104
-15°	239	307	378	449	529	616	723	871	1084	1413	1900
-17.5°	240	307	376	445	524	607	701	837	1028	1317	1755
-20°	240	306	374	438	518	596	687	810	981	1225	1578

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CATALOG NUMBER: GFLD-SA5B-735-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	237	304	371	431	508	586	670	778	921	1121	1407
-25°	232	300	366	428	497	573	648	743	868	1045	1282
-27.5°	224	294	359	421	485	558	629	715	824	961	1150
-30°	213	285	349	412	474	543	611	683	779	898	1051
-32.5°	202	276	338	399	462	527	591	659	741	839	959
-35°	195	264	327	385	447	510	571	634	701	789	891
-37.5°	190	251	315	370	429	490	549	609	671	740	833
-40°	184	238	302	357	410	469	527	583	641	710	781
-42.5°	176	229	287	344	394	448	503	557	615	679	746
-45°	169	218	274	326	377	427	481	531	588	648	710
-47.5°	159	206	259	305	355	406	457	508	557	614	673
-50°	147	192	240	285	329	380	431	482	531	578	630
-52.5°	136	175	221	265	306	348	401	452	501	548	594
-55°	123	160	201	244	285	322	367	420	468	514	561
-57.5°	113	144	182	222	262	301	343	387	435	479	525
-60°	103	129	161	199	239	277	317	359	402	445	486
-62.5°	94	116	142	174	211	249	287	326	367	403	440
-65°	85	103	125	151	180	215	251	289	326	358	390
-67.5°	75	91	108	128	154	183	212	246	280	312	342
-70°	64	78	94	110	129	153	180	207	234	263	292
-72.5°	54	66	79	93	110	130	151	172	196	221	245
-75°	44	54	65	77	91	107	124	143	162	182	202
-77.5°	35	43	52	61	72	85	98	113	129	144	160
-80°	27	32	40	47	56	65	74	84	96	108	121
-82.5°	21	25	30	35	40	46	53	60	68	78	87
-85°	15	18	20	23	27	30	34	38	43	49	55
-87.5°	8	9	10	12	13	15	16	18	21	23	26
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627576 (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	0	0	0	0	0	0
62.5°	1	2	2	2	1	1	3	3	4	4	4
60°	14	10	13	17	16	12	18	21	19	15	16
57.5°	36	39	44	52	57	60	65	70	74	76	79
55°	65	78	92	99	109	126	141	142	145	148	157
52.5°	105	120	127	139	161	174	181	193	205	218	229
50°	152	165	180	200	220	234	238	259	285	305	318
47.5°	200	217	245	279	297	312	333	360	388	418	442
45°	244	275	311	341	365	391	419	453	497	538	570
42.5°	294	329	365	401	427	470	520	559	623	678	713
40°	353	388	439	483	536	592	678	757	837	930	997
37.5°	424	477	550	620	699	781	935	1092	1220	1400	1500
35°	509	592	694	799	926	1123	1347	1650	1966	2229	2482
32.5°	607	713	854	1041	1255	1571	1908	2467	3011	3555	4090
30°	703	857	1073	1330	1682	2182	2817	3680	4616	5435	6177
27.5°	832	1050	1331	1715	2312	3045	4218	5417	6609	7672	8436
25°	987	1280	1677	2313	3176	4391	5962	7433	8831	9874	10752
22.5°	1212	1650	2214	3024	4590	6280	8160	10010	11581	12895	13761
20°	1490	2082	3026	4494	6335	8449	10869	12815	14750	16228	17549
17.5°	1883	2827	4159	6023	8223	11043	13535	15705	18161	19672	21020
15°	2237	3450	5349	7727	10305	13294	16232	18890	21261	22922	24428
12.5°	2684	4112	6295	9093	11913	15240	18294	21140	23462	25172	26225
10°	3085	4791	7240	10166	13323	16799	19965	22927	25176	26497	27273
7.5°	3408	5355	8006	11085	14418	17916	21260	24201	26353	27458	27987
5°	3659	5773	8605	11838	15300	18879	22292	25170	26983	27897	28192
2.5°	3847	6064	9009	12334	15895	19591	23076	25912	27458	28117	28215
0°	3974	6269	9271	12645	16406	19846	23499	26379	27850	28379	28430
-2.5°	3944	6195	9260	12532	16347	19960	23567	26409	27983	28694	28810
-5°	3864	6021	8953	12212	15882	19501	22941	25942	27873	28947	29423
-7.5°	3709	5720	8428	11599	15129	18751	22258	25373	27595	29106	30037
-10°	3445	5279	7756	10823	14303	17754	21222	24453	26847	28666	29962
-12.5°	3085	4682	6937	9725	13223	16445	19728	22825	25437	27680	29020
-15°	2714	4061	6086	8637	11682	14855	17889	20927	23506	25603	27274
-17.5°	2449	3516	5100	7333	10006	13017	15976	18767	21094	23066	24819
-20°	2114	2907	4161	6038	8392	11024	13859	16343	18421	20270	21944

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Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P627576 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-735-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°	1847	2489	3395	4676	6790	9111	11430	13718	15671	17317	18746
-25°	1605	2056	2764	3805	5180	7185	9139	11070	12874	14404	15691
-27.5°	1415	1773	2245	2987	4030	5200	6912	8526	10077	11476	12690
-30°	1242	1511	1880	2344	3053	3922	4952	6159	7396	8500	9603
-32.5°	1118	1309	1563	1907	2305	2927	3549	4361	5144	5950	6741
-35°	1007	1160	1333	1563	1836	2199	2609	3105	3524	4051	4537
-37.5°	930	1038	1170	1315	1511	1713	1991	2292	2552	2845	3092
-40°	867	952	1041	1139	1273	1410	1589	1758	1923	2102	2236
-42.5°	813	882	946	1022	1101	1211	1331	1437	1537	1642	1729
-45°	772	823	874	933	993	1073	1158	1237	1302	1361	1409
-47.5°	727	772	818	863	915	973	1029	1079	1133	1179	1212
-50°	682	728	769	809	853	898	943	983	1021	1055	1076
-52.5°	640	686	727	763	801	838	875	911	944	975	989
-55°	607	650	691	724	755	787	820	854	885	914	923
-57.5°	571	615	654	684	714	742	772	804	834	861	870
-60°	530	576	610	639	668	699	728	756	784	808	817
-62.5°	480	521	554	582	608	633	665	695	724	748	762
-65°	422	457	488	517	542	567	596	624	650	671	686
-67.5°	371	398	424	449	474	500	526	552	577	596	608
-70°	320	346	370	393	415	437	460	481	503	519	531
-72.5°	270	293	313	334	355	374	393	412	430	444	455
-75°	223	242	260	278	295	311	325	340	354	366	376
-77.5°	176	192	207	222	236	249	260	271	282	292	302
-80°	135	146	157	168	180	189	198	206	214	222	230
-82.5°	97	104	111	119	126	133	139	145	151	157	162
-85°	61	66	70	74	78	82	86	89	93	97	100
-87.5°	29	31	33	35	37	39	41	42	44	46	48
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627576 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-735-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°	5	5	5	5	5	5	5	4	4	4	3
60°	16	15	15	15	15	15	16	16	15	19	21
57.5°	77	71	66	61	66	71	77	79	76	74	70
55°	166	176	179	178	179	176	166	157	148	145	142
52.5°	236	241	240	234	240	241	236	229	218	205	193
50°	323	323	321	316	321	323	323	318	305	285	259
47.5°	454	460	464	463	464	460	454	442	418	388	360
45°	582	588	591	590	591	588	582	570	538	497	453
42.5°	732	743	747	743	747	743	732	713	678	623	559
40°	1037	1050	1044	1028	1044	1050	1037	997	930	837	757
37.5°	1571	1622	1643	1644	1643	1622	1571	1500	1400	1220	1092
35°	2709	2891	2974	2870	2974	2891	2709	2482	2229	1966	1650
32.5°	4525	4846	5028	5028	5028	4846	4525	4090	3555	3011	2467
30°	6737	7140	7366	7414	7366	7140	6737	6177	5435	4616	3680
27.5°	9032	9448	9664	9633	9664	9448	9032	8436	7672	6609	5417
25°	11335	11649	11831	11836	11831	11649	11335	10752	9874	8831	7433
22.5°	14736	15398	15671	15744	15671	15398	14736	13761	12895	11581	10010
20°	18443	19086	19500	19525	19500	19086	18443	17549	16228	14750	12815
17.5°	21975	22294	22353	22380	22353	22294	21975	21020	19672	18161	15705
15°	25305	25417	25712	25748	25712	25417	25305	24428	22922	21261	18890
12.5°	26887	26989	26939	26802	26939	26989	26887	26225	25172	23462	21140
10°	27749	27605	27390	27133	27390	27605	27749	27273	26497	25176	22927
7.5°	27944	27784	27406	27031	27406	27784	27944	27987	27458	26353	24201
5°	28037	27567	27089	26634	27089	27567	28037	28192	27897	26983	25170
2.5°	27982	27423	26767	26278	26767	27423	27982	28215	28117	27458	25912
0°	28160	27596	26909	26725	26909	27596	28160	28430	28379	27850	26379
-2.5°	28657	28200	27841	27743	27841	28200	28657	28810	28694	27983	26409
-5°	29552	29451	28842	28985	28842	29451	29552	29423	28947	27873	25942
-7.5°	30416	30273	30015	30348	30015	30273	30416	30037	29106	27595	25373
-10°	30646	30599	30719	31015	30719	30599	30646	29962	28666	26847	24453
-12.5°	29941	30310	30724	31035	30724	30310	29941	29020	27680	25437	22825
-15°	28372	29126	29744	30038	29744	29126	28372	27274	25603	23506	20927
-17.5°	26059	26985	27717	27926	27717	26985	26059	24819	23066	21094	18767
-20°	23212	24154	24821	25087	24821	24154	23212	21944	20270	18421	16343

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REPORT NUMBER: P627576 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-735-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°	20009	20928	21532	21850	21532	20928	20009	18746	17317	15671	13718
-25°	16757	17565	18102	18243	18102	17565	16757	15691	14404	12874	11070
-27.5°	13648	14298	14693	14737	14693	14298	13648	12690	11476	10077	8526
-30°	10520	11123	11466	11648	11466	11123	10520	9603	8500	7396	6159
-32.5°	7388	7867	8157	8233	8157	7867	7388	6741	5950	5144	4361
-35°	4926	5224	5408	5445	5408	5224	4926	4537	4051	3524	3105
-37.5°	3294	3439	3528	3572	3528	3439	3294	3092	2845	2552	2292
-40°	2333	2402	2440	2448	2440	2402	2333	2236	2102	1923	1758
-42.5°	1785	1819	1837	1842	1837	1819	1785	1729	1642	1537	1437
-45°	1442	1466	1481	1486	1481	1466	1442	1409	1361	1302	1237
-47.5°	1234	1249	1259	1262	1259	1249	1234	1212	1179	1133	1079
-50°	1088	1097	1101	1099	1101	1097	1088	1076	1055	1021	983
-52.5°	997	1003	1004	1003	1004	1003	997	989	975	944	911
-55°	929	933	934	931	934	933	929	923	914	885	854
-57.5°	877	882	881	875	881	882	877	870	861	834	804
-60°	825	831	832	829	832	831	825	817	808	784	756
-62.5°	774	784	786	784	786	784	774	762	748	724	695
-65°	700	712	712	707	712	712	700	686	671	650	624
-67.5°	618	627	628	626	628	627	618	608	596	577	552
-70°	542	551	552	550	552	551	542	531	519	503	481
-72.5°	466	475	478	478	478	475	466	455	444	430	412
-75°	386	395	394	392	394	395	386	376	366	354	340
-77.5°	311	319	318	316	318	319	311	302	292	282	271
-80°	237	243	242	239	242	243	237	230	222	214	206
-82.5°	167	172	170	168	170	172	167	162	157	151	145
-85°	103	106	107	107	107	106	103	100	97	93	89
-87.5°	49	51	48	46	48	51	49	48	46	44	42
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627576 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-735-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°	3	1	1	2	2	2	1	2	1	0	2
60°	18	12	16	17	13	10	14	12	5	4	4
57.5°	65	60	57	52	44	39	36	34	30	18	7
55°	141	126	109	99	92	78	65	57	53	43	28
52.5°	181	174	161	139	127	120	105	90	76	65	52
50°	238	234	220	200	180	165	152	131	112	95	78
47.5°	333	312	297	279	245	217	200	182	154	131	111
45°	419	391	365	341	311	275	244	219	195	168	147
42.5°	520	470	427	401	365	329	294	263	230	201	178
40°	678	592	536	483	439	388	353	316	276	236	210
37.5°	935	781	699	620	550	477	424	378	330	283	247
35°	1347	1123	926	799	694	592	509	447	391	337	287
32.5°	1908	1571	1255	1041	854	713	607	526	448	389	336
30°	2817	2182	1682	1330	1073	857	703	599	507	435	382
27.5°	4218	3045	2312	1715	1331	1050	832	673	564	482	421
25°	5962	4391	3176	2313	1677	1280	987	779	631	526	464
22.5°	8160	6280	4590	3024	2214	1650	1212	886	704	600	519
20°	10869	8449	6335	4494	3026	2082	1490	1072	834	688	578
17.5°	13535	11043	8223	6023	4159	2827	1883	1309	959	778	641
15°	16232	13294	10305	7727	5349	3450	2237	1538	1103	878	711
12.5°	18294	15240	11913	9093	6295	4112	2684	1831	1284	960	764
10°	19965	16799	13323	10166	7240	4791	3085	2050	1414	1027	808
7.5°	21260	17916	14418	11085	8006	5355	3408	2220	1516	1086	843
5°	22292	18879	15300	11838	8605	5773	3659	2352	1590	1136	871
2.5°	23076	19591	15895	12334	9009	6064	3847	2463	1652	1184	897
0°	23499	19846	16406	12645	9271	6269	3974	2549	1694	1221	916
-2.5°	23567	19960	16347	12532	9260	6195	3944	2532	1700	1233	930
-5°	22941	19501	15882	12212	8953	6021	3864	2480	1687	1232	935
-7.5°	22258	18751	15129	11599	8428	5720	3709	2395	1659	1219	932
-10°	21222	17754	14303	10823	7756	5279	3445	2268	1604	1190	920
-12.5°	19728	16445	13223	9725	6937	4682	3085	2104	1522	1144	900
-15°	17889	14855	11682	8637	6086	4061	2714	1900	1413	1084	871
-17.5°	15976	13017	10006	7333	5100	3516	2449	1755	1317	1028	837
-20°	13859	11024	8392	6038	4161	2907	2114	1578	1225	981	810

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REPORT NUMBER: P627576 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-735-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°	11430	9111	6790	4676	3395	2489	1847	1407	1121	921	778
-25°	9139	7185	5180	3805	2764	2056	1605	1282	1045	868	743
-27.5°	6912	5200	4030	2987	2245	1773	1415	1150	961	824	715
-30°	4952	3922	3053	2344	1880	1511	1242	1051	898	779	683
-32.5°	3549	2927	2305	1907	1563	1309	1118	959	839	741	659
-35°	2609	2199	1836	1563	1333	1160	1007	891	789	701	634
-37.5°	1991	1713	1511	1315	1170	1038	930	833	740	671	609
-40°	1589	1410	1273	1139	1041	952	867	781	710	641	583
-42.5°	1331	1211	1101	1022	946	882	813	746	679	615	557
-45°	1158	1073	993	933	874	823	772	710	648	588	531
-47.5°	1029	973	915	863	818	772	727	673	614	557	508
-50°	943	898	853	809	769	728	682	630	578	531	482
-52.5°	875	838	801	763	727	686	640	594	548	501	452
-55°	820	787	755	724	691	650	607	561	514	468	420
-57.5°	772	742	714	684	654	615	571	525	479	435	387
-60°	728	699	668	639	610	576	530	486	445	402	359
-62.5°	665	633	608	582	554	521	480	440	403	367	326
-65°	596	567	542	517	488	457	422	390	358	326	289
-67.5°	526	500	474	449	424	398	371	342	312	280	246
-70°	460	437	415	393	370	346	320	292	263	234	207
-72.5°	393	374	355	334	313	293	270	245	221	196	172
-75°	325	311	295	278	260	242	223	202	182	162	143
-77.5°	260	249	236	222	207	192	176	160	144	129	113
-80°	198	189	180	168	157	146	135	121	108	96	84
-82.5°	139	133	126	119	111	104	97	87	78	68	60
-85°	86	82	78	74	70	66	61	55	49	43	38
-87.5°	41	39	37	35	33	31	29	26	23	21	18
-90°	0	0	0	0	0	0	0	0	0	0	0

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CATALOG NUMBER: GFLD-SA5B-735-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	2	1	0	1	1	0	0
65°	2	1	0	1	3	3	2	2	2	1	0
62.5°	3	4	3	2	3	4	5	3	3	2	1
60°	3	5	5	4	4	4	5	5	4	4	2
57.5°	6	5	6	6	5	5	5	5	5	4	4
55°	13	9	8	7	6	5	5	5	5	5	5
52.5°	35	19	12	10	8	6	6	5	5	5	5
50°	59	40	22	14	10	8	7	6	5	5	5
47.5°	87	64	41	22	15	11	9	7	5	5	6
45°	120	91	63	39	22	16	11	8	6	5	6
42.5°	156	123	89	56	37	25	13	10	8	6	7
40°	187	158	118	82	53	35	21	12	9	6	7
37.5°	218	190	151	108	71	49	31	14	12	8	7
35°	251	220	184	136	95	62	42	19	14	10	8
32.5°	284	248	210	165	117	75	54	30	18	12	8
30°	324	275	234	192	141	95	65	41	22	14	8
27.5°	365	300	257	214	164	114	77	50	27	17	10
25°	404	332	279	234	186	135	91	59	34	21	12
22.5°	444	367	300	253	207	154	106	70	42	25	13
20°	487	401	320	276	226	173	123	80	49	29	15
17.5°	532	436	354	299	245	190	139	92	55	33	17
15°	579	473	386	321	263	205	153	103	60	38	19
12.5°	619	506	415	343	280	219	166	114	65	42	23
10°	654	535	440	365	297	230	177	124	73	46	26
7.5°	684	561	462	385	312	243	187	132	82	49	30
5°	709	581	478	400	326	258	195	138	91	52	34
2.5°	729	598	490	412	337	272	203	144	99	54	37
0°	743	611	499	422	346	285	209	148	107	56	41
-2.5°	750	619	513	430	358	291	216	155	112	63	42
-5°	751	625	524	436	368	296	222	162	116	70	43
-7.5°	752	627	530	441	375	299	227	168	119	76	44
-10°	748	627	532	447	378	302	230	172	122	81	45
-12.5°	739	623	531	450	378	305	235	176	125	84	46
-15°	723	616	529	449	378	307	239	177	126	85	46
-17.5°	701	607	524	445	376	307	240	177	126	85	48
-20°	687	596	518	438	374	306	240	175	126	84	50

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CATALOG NUMBER: GFLD-SA5B-735-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°	670	586	508	431	371	304	237	171	124	83	51
-25°	648	573	497	428	366	300	232	164	122	81	52
-27.5°	629	558	485	421	359	294	224	160	118	79	51
-30°	611	543	474	412	349	285	213	156	115	78	51
-32.5°	591	527	462	399	338	276	202	149	111	77	50
-35°	571	510	447	385	327	264	195	142	108	75	48
-37.5°	549	490	429	370	315	251	190	140	104	71	47
-40°	527	469	410	357	302	238	184	137	100	67	45
-42.5°	503	448	394	344	287	229	176	133	95	64	43
-45°	481	427	377	326	274	218	169	127	89	61	41
-47.5°	457	406	355	305	259	206	159	119	82	58	40
-50°	431	380	329	285	240	192	147	110	79	55	38
-52.5°	401	348	306	265	221	175	136	100	75	53	36
-55°	367	322	285	244	201	160	123	94	70	50	34
-57.5°	343	301	262	222	182	144	113	87	65	47	32
-60°	317	277	239	199	161	129	103	80	61	44	31
-62.5°	287	249	211	174	142	116	94	74	55	41	29
-65°	251	215	180	151	125	103	85	66	50	37	26
-67.5°	212	183	154	128	108	91	75	59	45	33	24
-70°	180	153	129	110	94	78	64	51	38	29	21
-72.5°	151	130	110	93	79	66	54	42	33	25	18
-75°	124	107	91	77	65	54	44	35	27	20	16
-77.5°	98	85	72	61	52	43	35	27	22	18	14
-80°	74	65	56	47	40	32	27	22	18	15	13
-82.5°	53	46	40	35	30	25	21	18	15	13	10
-85°	34	30	27	23	20	18	15	13	11	9	7
-87.5°	16	15	13	12	10	9	8	6	5	4	3
-90°	0	0	0	0	0	0	0	0	0	0	0

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CATALOG NUMBER: GFLD-SA5B-735-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	1	0	0	0	0
70°	0	1	1	0	0	0	0
67.5°	1	2	2	1	0	0	0
65°	1	2	2	1	0	0	0
62.5°	1	2	3	2	0	0	0
60°	1	2	3	2	0	0	0
57.5°	2	2	3	3	0	0	0
55°	3	2	3	3	1	0	0
52.5°	4	3	4	4	1	0	0
50°	5	3	4	4	1	0	0
47.5°	5	4	4	5	2	0	0
45°	6	4	4	5	2	0	0
42.5°	6	5	4	5	2	0	0
40°	7	5	4	5	3	0	0
37.5°	7	5	5	5	3	0	0
35°	8	5	5	5	3	0	0
32.5°	9	6	5	5	3	0	0
30°	9	7	5	5	4	0	0
27.5°	9	7	5	5	4	0	0
25°	9	8	5	5	4	0	0
22.5°	10	8	5	5	4	0	0
20°	10	9	5	5	4	0	0
17.5°	10	9	5	5	5	0	0
15°	11	9	5	5	5	0	0
12.5°	12	10	5	5	5	0	0
10°	12	10	5	5	5	0	0
7.5°	13	10	5	5	5	0	0
5°	14	10	5	5	5	0	0
2.5°	15	10	5	5	5	0	0
0°	15	10	5	5	5	0	0
-2.5°	18	11	6	5	5	0	0
-5°	21	11	6	5	5	0	0
-7.5°	23	12	6	5	5	0	0
-10°	25	12	7	5	5	0	0
-12.5°	27	12	7	5	5	1	0
-15°	28	13	7	5	5	1	0
-17.5°	29	13	8	5	5	1	0
-20°	29	13	8	5	5	1	0

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CATALOG NUMBER: GFLD-SA5B-735-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	29	13	8	5	5	1	0
-25°	29	14	8	5	5	1	0
-27.5°	29	15	8	5	4	1	0
-30°	28	16	8	5	4	1	0
-32.5°	28	16	8	5	4	1	0
-35°	28	17	8	5	4	1	0
-37.5°	28	17	8	5	4	1	0
-40°	28	17	8	5	4	1	0
-42.5°	28	17	9	5	4	1	0
-45°	27	17	9	5	4	1	0
-47.5°	26	16	9	6	4	1	0
-50°	26	16	9	6	4	1	0
-52.5°	25	15	9	6	4	1	0
-55°	24	15	9	6	4	1	0
-57.5°	23	15	9	6	4	1	0
-60°	21	14	9	6	4	1	0
-62.5°	20	13	9	6	4	1	0
-65°	18	12	9	6	4	1	0
-67.5°	17	11	8	6	4	1	0
-70°	15	11	8	6	3	1	0
-72.5°	14	10	8	6	3	1	0
-75°	13	10	8	5	3	1	0
-77.5°	11	9	6	4	2	1	0
-80°	10	8	5	3	2	0	0
-82.5°	8	6	4	2	1	0	0
-85°	5	4	3	2	1	0	0
-87.5°	3	2	1	1	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)