

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: STREETWORKS

Report Number: P622274

Luminaire Tested: **IFLD-S-SA6E-760-U-66**

Issue Date: 09/20/2022

Test Information

Test Method: LM-79-2019
Report Number: P622274
Test Lab: INNOVATION CENTER(G2)
Issue Date: 09/20/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6E-760-U-66
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 6 distribution lens
Light Source: (96) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

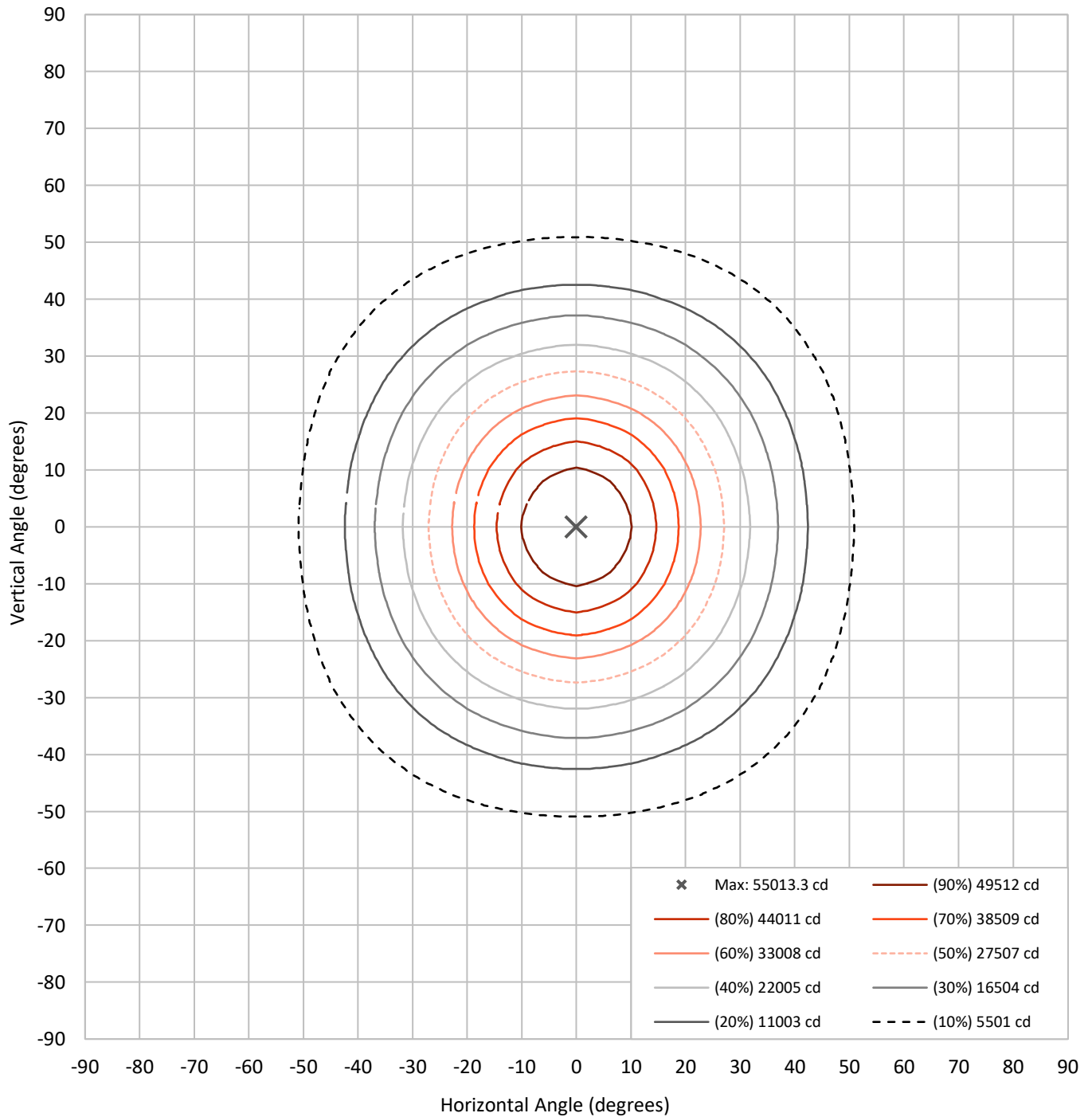
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	57057.8 lumens	Max Intensity:	55013.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	122.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	54.2°H x 54.7°V	Field Angle (10%):	101.7°H x 101.8°V
Beam Lumens:	27433.6 lumens	Field Lumens:	50073.8 lumens
Beam Efficiency:	48.1%	Field Efficiency:	87.8%

Input Watts (W): 464.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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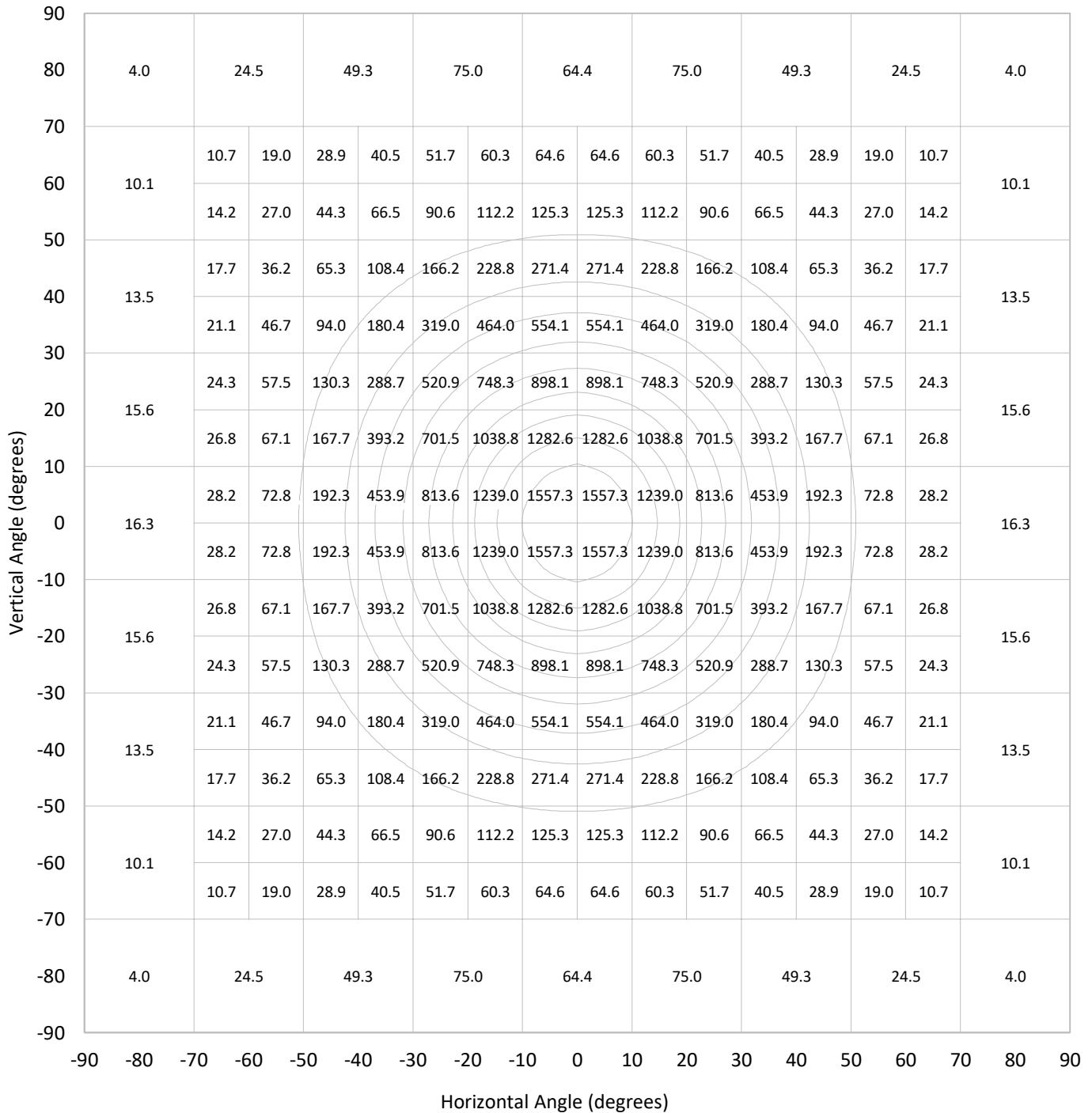
Iso-Candela Plot





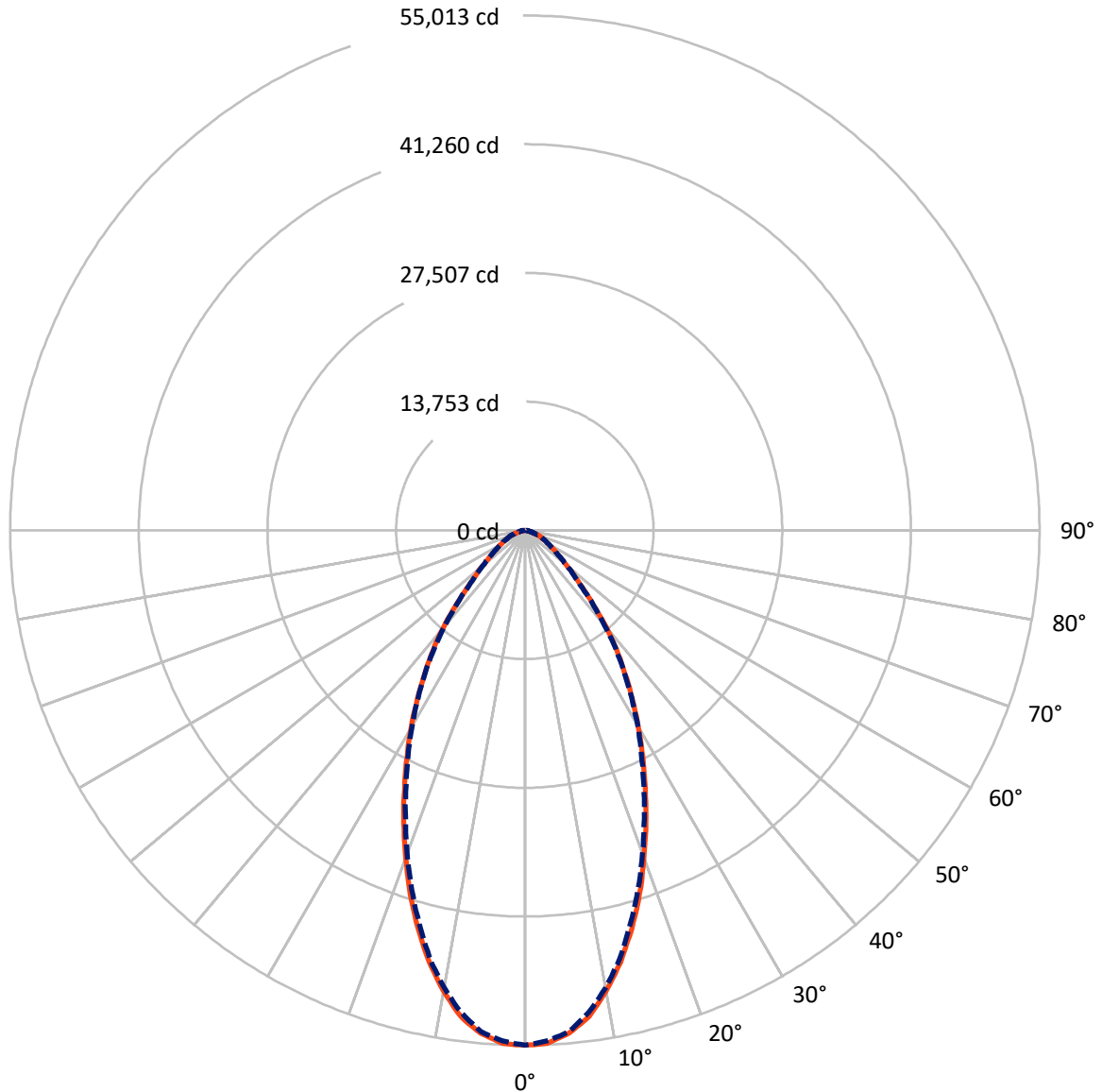
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Lumen Table



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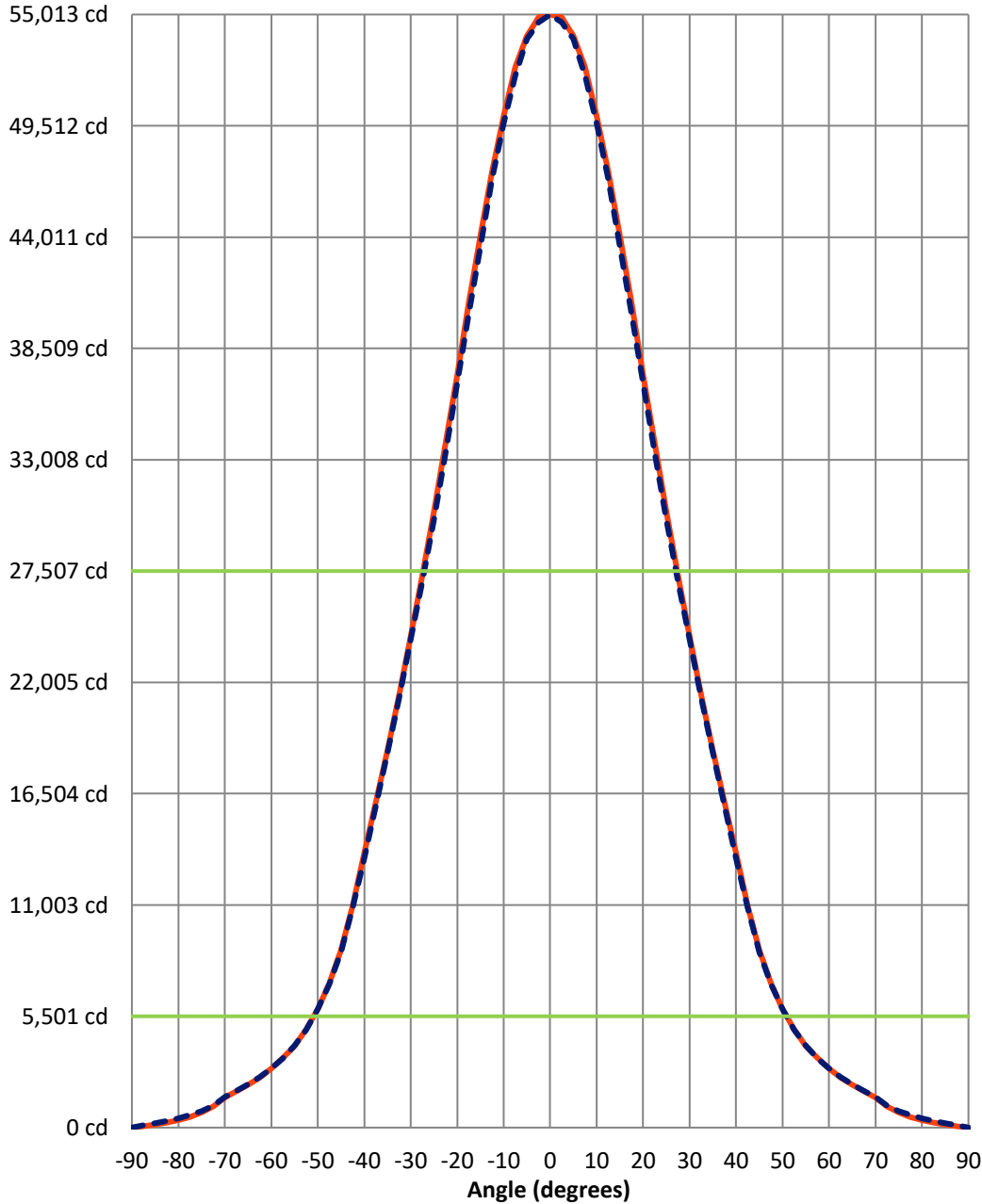
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 54.2°
 V Angle: 54.7°
 Lumens: 27433.6
 Efficiency: 48.1%

Field:
 H Angle: 101.7°
 V Angle: 101.8°
 Lumens: 50073.8
 Efficiency: 87.8%

Spill:
 Lumens: 6984
 Efficiency: 12.2%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 0-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	6	12	23	35	47	59	70	76	82	94
85°	0	12	23	41	65	94	123	141	152	170	182
82.5°	0	18	41	65	100	135	182	205	229	252	270
80°	0	23	53	88	129	182	240	270	299	328	352
77.5°	0	29	65	106	164	223	293	334	369	405	440
75°	0	35	76	129	193	258	340	393	440	487	539
72.5°	0	41	88	147	217	293	387	451	504	569	639
70°	0	47	100	170	240	328	434	504	569	645	703
67.5°	0	53	111	182	264	358	469	557	627	698	762
65°	0	53	123	193	281	387	498	604	680	750	827
62.5°	0	59	135	205	299	410	528	645	727	803	891
60°	0	65	141	217	322	434	563	686	768	862	956
57.5°	0	70	147	229	334	451	586	721	821	920	1020
55°	0	76	158	240	346	475	610	756	868	973	1084
52.5°	0	76	164	246	363	492	633	780	914	1032	1161
50°	0	82	170	252	375	510	651	809	961	1090	1225
47.5°	0	88	176	258	381	522	674	838	1014	1149	1296
45°	0	88	182	264	393	539	692	856	1049	1208	1360
42.5°	0	94	182	270	399	551	709	885	1079	1266	1430
40°	0	100	188	281	410	557	727	909	1114	1325	1495
37.5°	0	100	193	287	416	569	739	932	1149	1366	1553
35°	0	106	199	293	422	575	745	956	1178	1407	1618
32.5°	0	106	199	305	428	586	756	973	1213	1454	1677
30°	0	106	205	311	428	586	774	991	1243	1501	1735
27.5°	0	111	205	311	440	592	786	1014	1272	1553	1794
25°	0	111	211	317	446	592	791	1032	1307	1600	1847
22.5°	0	111	211	322	451	598	797	1049	1342	1641	1905
20°	0	117	217	328	457	604	803	1067	1378	1677	1952
17.5°	0	117	217	328	463	616	809	1079	1407	1712	1993
15°	0	123	217	328	463	621	821	1084	1436	1741	2034
12.5°	0	123	217	334	463	621	827	1096	1466	1770	2063
10°	0	117	223	334	463	627	832	1102	1483	1788	2093
7.5°	0	117	223	334	469	627	832	1102	1501	1805	2110
5°	0	117	217	334	463	633	832	1108	1524	1823	2128
2.5°	0	117	217	328	463	633	821	1096	1518	1823	2140
0°	0	117	217	328	457	627	815	1084	1512	1817	2140
-2.5°	0	117	217	328	463	633	821	1096	1518	1823	2140
-5°	0	117	217	334	463	633	832	1108	1524	1823	2128
-7.5°	0	117	223	334	469	627	832	1102	1501	1805	2110
-10°	0	117	223	334	463	627	832	1102	1483	1788	2093
-12.5°	0	123	217	334	463	621	827	1096	1466	1770	2063
-15°	0	123	217	328	463	621	821	1084	1436	1741	2034
-17.5°	0	117	217	328	463	616	809	1079	1407	1712	1993
-20°	0	117	217	328	457	604	803	1067	1378	1677	1952



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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0	111	211	322	451	598	797	1049	1342	1641	1905
-25°	0	111	211	317	446	592	791	1032	1307	1600	1847
-27.5°	0	111	205	311	440	592	786	1014	1272	1553	1794
-30°	0	106	205	311	428	586	774	991	1243	1501	1735
-32.5°	0	106	199	305	428	586	756	973	1213	1454	1677
-35°	0	106	199	293	422	575	745	956	1178	1407	1618
-37.5°	0	100	193	287	416	569	739	932	1149	1366	1553
-40°	0	100	188	281	410	557	727	909	1114	1325	1495
-42.5°	0	94	182	270	399	551	709	885	1079	1266	1430
-45°	0	88	182	264	393	539	692	856	1049	1208	1360
-47.5°	0	88	176	258	381	522	674	838	1014	1149	1296
-50°	0	82	170	252	375	510	651	809	961	1090	1225
-52.5°	0	76	164	246	363	492	633	780	914	1032	1161
-55°	0	76	158	240	346	475	610	756	868	973	1084
-57.5°	0	70	147	229	334	451	586	721	821	920	1020
-60°	0	65	141	217	322	434	563	686	768	862	956
-62.5°	0	59	135	205	299	410	528	645	727	803	891
-65°	0	53	123	193	281	387	498	604	680	750	827
-67.5°	0	53	111	182	264	358	469	557	627	698	762
-70°	0	47	100	170	240	328	434	504	569	645	703
-72.5°	0	41	88	147	217	293	387	451	504	569	639
-75°	0	35	76	129	193	258	340	393	440	487	539
-77.5°	0	29	65	106	164	223	293	334	369	405	440
-80°	0	23	53	88	129	182	240	270	299	328	352
-82.5°	0	18	41	65	100	135	182	205	229	252	270
-85°	0	12	23	41	65	94	123	141	152	170	182
-87.5°	0	6	12	23	35	47	59	70	76	82	94
-90°	0	0	0	0	0	0	0	0	0	0	0



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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°	100	106	111	111	111	106	100	94	106	117	129
85°	193	211	217	229	223	211	205	193	217	240	270
82.5°	287	305	317	328	328	317	305	287	322	358	399
80°	375	399	422	440	440	422	405	381	422	475	528
77.5°	481	510	533	557	551	545	533	522	563	616	668
75°	586	627	645	668	680	674	674	686	733	797	856
72.5°	680	709	745	786	803	815	844	879	926	979	1026
70°	756	791	838	879	914	950	991	1038	1084	1137	1184
67.5°	827	879	926	979	1026	1079	1131	1184	1237	1296	1354
65°	903	961	1020	1079	1143	1208	1272	1331	1395	1471	1536
62.5°	979	1043	1114	1184	1260	1337	1413	1489	1577	1659	1741
60°	1049	1131	1213	1301	1389	1477	1559	1659	1764	1858	1964
57.5°	1120	1219	1313	1413	1512	1612	1729	1841	1964	2087	2204
55°	1196	1313	1419	1530	1641	1770	1899	2040	2175	2333	2480
52.5°	1278	1401	1524	1647	1788	1929	2081	2245	2421	2603	2784
50°	1360	1495	1630	1776	1934	2099	2280	2474	2685	2896	3119
47.5°	1436	1583	1747	1905	2087	2280	2491	2726	2960	3224	3505
45°	1518	1677	1852	2046	2245	2474	2726	2984	3283	3582	3910
42.5°	1600	1770	1970	2175	2421	2679	2954	3283	3617	3986	4385
40°	1671	1864	2087	2333	2597	2884	3224	3582	3992	4432	4924
37.5°	1753	1964	2204	2474	2779	3113	3505	3922	4396	4930	5522
35°	1829	2063	2327	2620	2960	3347	3787	4273	4824	5469	6190
32.5°	1905	2163	2444	2767	3142	3582	4080	4654	5305	6044	6946
30°	1981	2251	2556	2908	3330	3828	4402	5041	5792	6724	7796
27.5°	2052	2345	2673	3060	3511	4056	4707	5469	6354	7404	8658
25°	2122	2427	2784	3201	3705	4303	5012	5850	6911	8154	9643
22.5°	2187	2509	2884	3335	3881	4543	5340	6296	7462	8846	10598
20°	2251	2591	2990	3464	4033	4760	5639	6706	8031	9660	11606
17.5°	2304	2667	3089	3599	4221	4983	5915	7116	8547	10411	12580
15°	2357	2732	3177	3716	4385	5205	6214	7474	9092	11120	13424
12.5°	2398	2784	3253	3822	4525	5393	6472	7837	9619	11788	14156
10°	2427	2831	3312	3904	4643	5545	6683	8130	10047	12333	14766
7.5°	2456	2866	3359	3969	4731	5663	6847	8359	10375	12755	15235
5°	2480	2896	3394	4015	4789	5751	6970	8506	10610	13054	15569
2.5°	2497	2919	3423	4056	4836	5844	7081	8664	10833	13306	15868
0°	2497	2925	3423	4056	4830	5862	7099	8676	10862	13301	15909
-2.5°	2497	2919	3423	4056	4836	5844	7081	8664	10833	13306	15868
-5°	2480	2896	3394	4015	4789	5751	6970	8506	10610	13054	15569
-7.5°	2456	2866	3359	3969	4731	5663	6847	8359	10375	12755	15235
-10°	2427	2831	3312	3904	4643	5545	6683	8130	10047	12333	14766
-12.5°	2398	2784	3253	3822	4525	5393	6472	7837	9619	11788	14156
-15°	2357	2732	3177	3716	4385	5205	6214	7474	9092	11120	13424
-17.5°	2304	2667	3089	3599	4221	4983	5915	7116	8547	10411	12580
-20°	2251	2591	2990	3464	4033	4760	5639	6706	8031	9660	11606



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	2187	2509	2884	3335	3881	4543	5340	6296	7462	8846	10598
-25°	2122	2427	2784	3201	3705	4303	5012	5850	6911	8154	9643
-27.5°	2052	2345	2673	3060	3511	4056	4707	5469	6354	7404	8658
-30°	1981	2251	2556	2908	3330	3828	4402	5041	5792	6724	7796
-32.5°	1905	2163	2444	2767	3142	3582	4080	4654	5305	6044	6946
-35°	1829	2063	2327	2620	2960	3347	3787	4273	4824	5469	6190
-37.5°	1753	1964	2204	2474	2779	3113	3505	3922	4396	4930	5522
-40°	1671	1864	2087	2333	2597	2884	3224	3582	3992	4432	4924
-42.5°	1600	1770	1970	2175	2421	2679	2954	3283	3617	3986	4385
-45°	1518	1677	1852	2046	2245	2474	2726	2984	3283	3582	3910
-47.5°	1436	1583	1747	1905	2087	2280	2491	2726	2960	3224	3505
-50°	1360	1495	1630	1776	1934	2099	2280	2474	2685	2896	3119
-52.5°	1278	1401	1524	1647	1788	1929	2081	2245	2421	2603	2784
-55°	1196	1313	1419	1530	1641	1770	1899	2040	2175	2333	2480
-57.5°	1120	1219	1313	1413	1512	1612	1729	1841	1964	2087	2204
-60°	1049	1131	1213	1301	1389	1477	1559	1659	1764	1858	1964
-62.5°	979	1043	1114	1184	1260	1337	1413	1489	1577	1659	1741
-65°	903	961	1020	1079	1143	1208	1272	1331	1395	1471	1536
-67.5°	827	879	926	979	1026	1079	1131	1184	1237	1296	1354
-70°	756	791	838	879	914	950	991	1038	1084	1137	1184
-72.5°	680	709	745	786	803	815	844	879	926	979	1026
-75°	586	627	645	668	680	674	674	686	733	797	856
-77.5°	481	510	533	557	551	545	533	522	563	616	668
-80°	375	399	422	440	440	422	405	381	422	475	528
-82.5°	287	305	317	328	328	317	305	287	322	358	399
-85°	193	211	217	229	223	211	205	193	217	240	270
-87.5°	100	106	111	111	111	106	100	94	106	117	129
-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°	147	147	147	147	141	147	147	152	158	141	123
85°	293	299	299	299	299	299	299	299	299	270	240
82.5°	440	457	469	487	498	498	492	487	475	428	375
80°	580	610	627	645	662	657	651	639	633	575	516
77.5°	721	756	780	797	815	821	815	815	809	756	692
75°	903	932	956	979	1002	1014	1020	1020	1020	973	914
72.5°	1067	1102	1137	1172	1202	1219	1237	1249	1260	1237	1202
70°	1237	1278	1319	1360	1401	1430	1454	1477	1489	1495	1495
67.5°	1413	1466	1518	1571	1618	1659	1688	1718	1741	1764	1776
65°	1606	1677	1741	1800	1852	1905	1946	1987	2022	2052	2069
62.5°	1823	1905	1981	2058	2116	2181	2245	2304	2351	2392	2421
60°	2063	2163	2257	2351	2444	2521	2603	2673	2732	2784	2831
57.5°	2333	2456	2573	2696	2802	2902	3001	3101	3189	3259	3318
55°	2632	2784	2937	3083	3230	3365	3494	3623	3740	3834	3916
52.5°	2978	3160	3353	3535	3734	3910	4074	4250	4408	4549	4666
50°	3347	3582	3834	4068	4326	4572	4795	5018	5241	5434	5592
47.5°	3781	4062	4391	4713	5029	5364	5674	5967	6272	6530	6747
45°	4250	4643	5029	5463	5862	6313	6741	7169	7544	7919	8236
42.5°	4807	5299	5792	6348	6894	7462	8066	8605	9168	9719	10176
40°	5469	6049	6729	7398	8154	8869	9725	10481	11196	11894	12486
37.5°	6196	6964	7802	8652	9678	10686	11689	12638	13488	14268	14889
35°	7034	8001	8998	10235	11454	12685	13834	14913	15880	16671	17328
32.5°	7996	9139	10516	11952	13365	14731	16102	17169	18178	19080	19854
30°	9016	10504	12111	13717	15258	16741	18125	19409	20581	21595	22463
27.5°	10211	11935	13723	15446	17099	18699	20270	21736	23019	24086	25165
25°	11395	13371	15282	17105	18893	20681	22410	24057	25558	26865	28031
22.5°	12644	14707	16724	18658	20686	22633	24526	26402	28125	29632	30945
20°	13799	16015	18072	20229	22427	24538	26666	28694	30616	32434	33928
17.5°	14830	17087	19332	21607	24004	26396	28705	30904	33096	35212	37076
15°	15751	18119	20423	22902	25487	28061	30634	33055	35523	37867	39954
12.5°	16566	19010	21460	24098	26800	29479	32299	35112	37850	40376	42639
10°	17240	19778	22404	25136	27943	30775	33811	36935	39866	42551	45013
7.5°	17750	20358	23102	25939	28899	31929	35101	38284	41385	44269	46848
5°	18113	20745	23565	26460	29544	32709	36091	39485	42651	45634	48272
2.5°	18441	21091	23963	26748	29890	33172	36560	40077	43313	46379	49316
0°	18529	21232	24133	26994	30048	33342	36795	40230	43548	46877	49638
-2.5°	18441	21091	23963	26748	29890	33172	36560	40077	43313	46379	49316
-5°	18113	20745	23565	26460	29544	32709	36091	39485	42651	45634	48272
-7.5°	17750	20358	23102	25939	28899	31929	35101	38284	41385	44269	46848
-10°	17240	19778	22404	25136	27943	30775	33811	36935	39866	42551	45013
-12.5°	16566	19010	21460	24098	26800	29479	32299	35112	37850	40376	42639
-15°	15751	18119	20423	22902	25487	28061	30634	33055	35523	37867	39954
-17.5°	14830	17087	19332	21607	24004	26396	28705	30904	33096	35212	37076
-20°	13799	16015	18072	20229	22427	24538	26666	28694	30616	32434	33928



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	12644	14707	16724	18658	20686	22633	24526	26402	28125	29632	30945
-25°	11395	13371	15282	17105	18893	20681	22410	24057	25558	26865	28031
-27.5°	10211	11935	13723	15446	17099	18699	20270	21736	23019	24086	25165
-30°	9016	10504	12111	13717	15258	16741	18125	19409	20581	21595	22463
-32.5°	7996	9139	10516	11952	13365	14731	16102	17169	18178	19080	19854
-35°	7034	8001	8998	10235	11454	12685	13834	14913	15880	16671	17328
-37.5°	6196	6964	7802	8652	9678	10686	11689	12638	13488	14268	14889
-40°	5469	6049	6729	7398	8154	8869	9725	10481	11196	11894	12486
-42.5°	4807	5299	5792	6348	6894	7462	8066	8605	9168	9719	10176
-45°	4250	4643	5029	5463	5862	6313	6741	7169	7544	7919	8236
-47.5°	3781	4062	4391	4713	5029	5364	5674	5967	6272	6530	6747
-50°	3347	3582	3834	4068	4326	4572	4795	5018	5241	5434	5592
-52.5°	2978	3160	3353	3535	3734	3910	4074	4250	4408	4549	4666
-55°	2632	2784	2937	3083	3230	3365	3494	3623	3740	3834	3916
-57.5°	2333	2456	2573	2696	2802	2902	3001	3101	3189	3259	3318
-60°	2063	2163	2257	2351	2444	2521	2603	2673	2732	2784	2831
-62.5°	1823	1905	1981	2058	2116	2181	2245	2304	2351	2392	2421
-65°	1606	1677	1741	1800	1852	1905	1946	1987	2022	2052	2069
-67.5°	1413	1466	1518	1571	1618	1659	1688	1718	1741	1764	1776
-70°	1237	1278	1319	1360	1401	1430	1454	1477	1489	1495	1495
-72.5°	1067	1102	1137	1172	1202	1219	1237	1249	1260	1237	1202
-75°	903	932	956	979	1002	1014	1020	1020	1020	973	914
-77.5°	721	756	780	797	815	821	815	815	809	756	692
-80°	580	610	627	645	662	657	651	639	633	575	516
-82.5°	440	457	469	487	498	498	492	487	475	428	375
-85°	293	299	299	299	299	299	299	299	299	270	240
-87.5°	147	147	147	147	141	147	147	152	158	141	123
-90°	0	0	0	0	0	0	0	0	0	0	0



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 CATALOG NUMBER: IFLD-S-SA6E-760-U-66

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°	100	82	76	65	76	82	100	123	141	158	152
85°	205	170	164	152	164	170	205	240	270	299	299
82.5°	328	270	258	246	258	270	328	375	428	475	487
80°	463	393	381	369	381	393	463	516	575	633	639
77.5°	627	563	539	522	539	563	627	692	756	809	815
75°	850	786	768	750	768	786	850	914	973	1020	1020
72.5°	1161	1131	1084	1043	1084	1131	1161	1202	1237	1260	1249
70°	1501	1512	1501	1483	1501	1512	1501	1495	1495	1489	1477
67.5°	1782	1794	1794	1800	1794	1794	1782	1776	1764	1741	1718
65°	2087	2093	2110	2116	2110	2093	2087	2069	2052	2022	1987
62.5°	2439	2456	2468	2468	2468	2456	2439	2421	2392	2351	2304
60°	2861	2884	2913	2919	2913	2884	2861	2831	2784	2732	2673
57.5°	3365	3394	3435	3447	3435	3394	3365	3318	3259	3189	3101
55°	3974	4015	4039	4027	4039	4015	3974	3916	3834	3740	3623
52.5°	4766	4836	4883	4860	4883	4836	4766	4666	4549	4408	4250
50°	5721	5809	5868	5850	5868	5809	5721	5592	5434	5241	5018
47.5°	6917	7040	7140	7146	7140	7040	6917	6747	6530	6272	5967
45°	8488	8670	8805	8781	8805	8670	8488	8236	7919	7544	7169
42.5°	10528	10780	10979	10962	10979	10780	10528	10176	9719	9168	8605
40°	12925	13236	13500	13570	13500	13236	12925	12486	11894	11196	10481
37.5°	15393	15792	16126	16091	16126	15792	15393	14889	14268	13488	12638
35°	17873	18289	18617	18647	18617	18289	17873	17328	16671	15880	14913
32.5°	20470	20933	21320	21372	21320	20933	20470	19854	19080	18178	17169
30°	23178	23735	24198	24291	24198	23735	23178	22463	21595	20581	19409
27.5°	26027	26689	27129	27299	27129	26689	26027	25165	24086	23019	21736
25°	28963	29684	30177	30452	30177	29684	28963	28031	26865	25558	24057
22.5°	32029	32885	33524	33829	33524	32885	32029	30945	29632	28125	26402
20°	35194	36126	36871	37187	36871	36126	35194	33928	32434	30616	28694
17.5°	38418	39556	40382	40787	40382	39556	38418	37076	35212	33096	30904
15°	41549	42756	43653	44087	43653	42756	41549	39954	37867	35523	33055
12.5°	44450	45728	46625	47252	46625	45728	44450	42639	40376	37850	35112
10°	47041	48436	49345	49996	49345	48436	47041	45013	42551	39866	36935
7.5°	48981	50746	51772	52411	51772	50746	48981	46848	44269	41385	38284
5°	50470	52417	53349	53952	53349	52417	50470	48272	45634	42651	39485
2.5°	51561	53096	54263	54867	54263	53096	51561	49316	46379	43313	40077
0°	51989	53794	54621	55013	54621	53794	51989	49638	46877	43548	40230
-2.5°	51561	53096	54263	54867	54263	53096	51561	49316	46379	43313	40077
-5°	50470	52417	53349	53952	53349	52417	50470	48272	45634	42651	39485
-7.5°	48981	50746	51772	52411	51772	50746	48981	46848	44269	41385	38284
-10°	47041	48436	49345	49996	49345	48436	47041	45013	42551	39866	36935
-12.5°	44450	45728	46625	47252	46625	45728	44450	42639	40376	37850	35112
-15°	41549	42756	43653	44087	43653	42756	41549	39954	37867	35523	33055
-17.5°	38418	39556	40382	40787	40382	39556	38418	37076	35212	33096	30904
-20°	35194	36126	36871	37187	36871	36126	35194	33928	32434	30616	28694



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	32029	32885	33524	33829	33524	32885	32029	30945	29632	28125	26402
-25°	28963	29684	30177	30452	30177	29684	28963	28031	26865	25558	24057
-27.5°	26027	26689	27129	27299	27129	26689	26027	25165	24086	23019	21736
-30°	23178	23735	24198	24291	24198	23735	23178	22463	21595	20581	19409
-32.5°	20470	20933	21320	21372	21320	20933	20470	19854	19080	18178	17169
-35°	17873	18289	18617	18647	18617	18289	17873	17328	16671	15880	14913
-37.5°	15393	15792	16126	16091	16126	15792	15393	14889	14268	13488	12638
-40°	12925	13236	13500	13570	13500	13236	12925	12486	11894	11196	10481
-42.5°	10528	10780	10979	10962	10979	10780	10528	10176	9719	9168	8605
-45°	8488	8670	8805	8781	8805	8670	8488	8236	7919	7544	7169
-47.5°	6917	7040	7140	7146	7140	7040	6917	6747	6530	6272	5967
-50°	5721	5809	5868	5850	5868	5809	5721	5592	5434	5241	5018
-52.5°	4766	4836	4883	4860	4883	4836	4766	4666	4549	4408	4250
-55°	3974	4015	4039	4027	4039	4015	3974	3916	3834	3740	3623
-57.5°	3365	3394	3435	3447	3435	3394	3365	3318	3259	3189	3101
-60°	2861	2884	2913	2919	2913	2884	2861	2831	2784	2732	2673
-62.5°	2439	2456	2468	2468	2468	2456	2439	2421	2392	2351	2304
-65°	2087	2093	2110	2116	2110	2093	2087	2069	2052	2022	1987
-67.5°	1782	1794	1794	1800	1794	1794	1782	1776	1764	1741	1718
-70°	1501	1512	1501	1483	1501	1512	1501	1495	1495	1489	1477
-72.5°	1161	1131	1084	1043	1084	1131	1161	1202	1237	1260	1249
-75°	850	786	768	750	768	786	850	914	973	1020	1020
-77.5°	627	563	539	522	539	563	627	692	756	809	815
-80°	463	393	381	369	381	393	463	516	575	633	639
-82.5°	328	270	258	246	258	270	328	375	428	475	487
-85°	205	170	164	152	164	170	205	240	270	299	299
-87.5°	100	82	76	65	76	82	100	123	141	158	152
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P622274
 CATALOG NUMBER: IFLD-S-SA6E-760-U-66

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°	147	147	141	147	147	147	147	129	117	106	94
85°	299	299	299	299	299	299	293	270	240	217	193
82.5°	492	498	498	487	469	457	440	399	358	322	287
80°	651	657	662	645	627	610	580	528	475	422	381
77.5°	815	821	815	797	780	756	721	668	616	563	522
75°	1020	1014	1002	979	956	932	903	856	797	733	686
72.5°	1237	1219	1202	1172	1137	1102	1067	1026	979	926	879
70°	1454	1430	1401	1360	1319	1278	1237	1184	1137	1084	1038
67.5°	1688	1659	1618	1571	1518	1466	1413	1354	1296	1237	1184
65°	1946	1905	1852	1800	1741	1677	1606	1536	1471	1395	1331
62.5°	2245	2181	2116	2058	1981	1905	1823	1741	1659	1577	1489
60°	2603	2521	2444	2351	2257	2163	2063	1964	1858	1764	1659
57.5°	3001	2902	2802	2696	2573	2456	2333	2204	2087	1964	1841
55°	3494	3365	3230	3083	2937	2784	2632	2480	2333	2175	2040
52.5°	4074	3910	3734	3535	3353	3160	2978	2784	2603	2421	2245
50°	4795	4572	4326	4068	3834	3582	3347	3119	2896	2685	2474
47.5°	5674	5364	5029	4713	4391	4062	3781	3505	3224	2960	2726
45°	6741	6313	5862	5463	5029	4643	4250	3910	3582	3283	2984
42.5°	8066	7462	6894	6348	5792	5299	4807	4385	3986	3617	3283
40°	9725	8869	8154	7398	6729	6049	5469	4924	4432	3992	3582
37.5°	11689	10686	9678	8652	7802	6964	6196	5522	4930	4396	3922
35°	13834	12685	11454	10235	8998	8001	7034	6190	5469	4824	4273
32.5°	16102	14731	13365	11952	10516	9139	7996	6946	6044	5305	4654
30°	18125	16741	15258	13717	12111	10504	9016	7796	6724	5792	5041
27.5°	20270	18699	17099	15446	13723	11935	10211	8658	7404	6354	5469
25°	22410	20681	18893	17105	15282	13371	11395	9643	8154	6911	5850
22.5°	24526	22633	20686	18658	16724	14707	12644	10598	8846	7462	6296
20°	26666	24538	22427	20229	18072	16015	13799	11606	9660	8031	6706
17.5°	28705	26396	24004	21607	19332	17087	14830	12580	10411	8547	7116
15°	30634	28061	25487	22902	20423	18119	15751	13424	11120	9092	7474
12.5°	32299	29479	26800	24098	21460	19010	16566	14156	11788	9619	7837
10°	33811	30775	27943	25136	22404	19778	17240	14766	12333	10047	8130
7.5°	35101	31929	28899	25939	23102	20358	17750	15235	12755	10375	8359
5°	36091	32709	29544	26460	23565	20745	18113	15569	13054	10610	8506
2.5°	36560	33172	29890	26748	23963	21091	18441	15868	13306	10833	8664
0°	36795	33342	30048	26994	24133	21232	18529	15909	13301	10862	8676
-2.5°	36560	33172	29890	26748	23963	21091	18441	15868	13306	10833	8664
-5°	36091	32709	29544	26460	23565	20745	18113	15569	13054	10610	8506
-7.5°	35101	31929	28899	25939	23102	20358	17750	15235	12755	10375	8359
-10°	33811	30775	27943	25136	22404	19778	17240	14766	12333	10047	8130
-12.5°	32299	29479	26800	24098	21460	19010	16566	14156	11788	9619	7837
-15°	30634	28061	25487	22902	20423	18119	15751	13424	11120	9092	7474
-17.5°	28705	26396	24004	21607	19332	17087	14830	12580	10411	8547	7116
-20°	26666	24538	22427	20229	18072	16015	13799	11606	9660	8031	6706



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	24526	22633	20686	18658	16724	14707	12644	10598	8846	7462	6296
-25°	22410	20681	18893	17105	15282	13371	11395	9643	8154	6911	5850
-27.5°	20270	18699	17099	15446	13723	11935	10211	8658	7404	6354	5469
-30°	18125	16741	15258	13717	12111	10504	9016	7796	6724	5792	5041
-32.5°	16102	14731	13365	11952	10516	9139	7996	6946	6044	5305	4654
-35°	13834	12685	11454	10235	8998	8001	7034	6190	5469	4824	4273
-37.5°	11689	10686	9678	8652	7802	6964	6196	5522	4930	4396	3922
-40°	9725	8869	8154	7398	6729	6049	5469	4924	4432	3992	3582
-42.5°	8066	7462	6894	6348	5792	5299	4807	4385	3986	3617	3283
-45°	6741	6313	5862	5463	5029	4643	4250	3910	3582	3283	2984
-47.5°	5674	5364	5029	4713	4391	4062	3781	3505	3224	2960	2726
-50°	4795	4572	4326	4068	3834	3582	3347	3119	2896	2685	2474
-52.5°	4074	3910	3734	3535	3353	3160	2978	2784	2603	2421	2245
-55°	3494	3365	3230	3083	2937	2784	2632	2480	2333	2175	2040
-57.5°	3001	2902	2802	2696	2573	2456	2333	2204	2087	1964	1841
-60°	2603	2521	2444	2351	2257	2163	2063	1964	1858	1764	1659
-62.5°	2245	2181	2116	2058	1981	1905	1823	1741	1659	1577	1489
-65°	1946	1905	1852	1800	1741	1677	1606	1536	1471	1395	1331
-67.5°	1688	1659	1618	1571	1518	1466	1413	1354	1296	1237	1184
-70°	1454	1430	1401	1360	1319	1278	1237	1184	1137	1084	1038
-72.5°	1237	1219	1202	1172	1137	1102	1067	1026	979	926	879
-75°	1020	1014	1002	979	956	932	903	856	797	733	686
-77.5°	815	821	815	797	780	756	721	668	616	563	522
-80°	651	657	662	645	627	610	580	528	475	422	381
-82.5°	492	498	498	487	469	457	440	399	358	322	287
-85°	299	299	299	299	299	299	293	270	240	217	193
-87.5°	147	147	141	147	147	147	147	129	117	106	94
-90°	0	0	0	0	0	0	0	0	0	0	0



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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°	100	106	111	111	111	106	100	94	82	76	70
85°	205	211	223	229	217	211	193	182	170	152	141
82.5°	305	317	328	328	317	305	287	270	252	229	205
80°	405	422	440	440	422	399	375	352	328	299	270
77.5°	533	545	551	557	533	510	481	440	405	369	334
75°	674	674	680	668	645	627	586	539	487	440	393
72.5°	844	815	803	786	745	709	680	639	569	504	451
70°	991	950	914	879	838	791	756	703	645	569	504
67.5°	1131	1079	1026	979	926	879	827	762	698	627	557
65°	1272	1208	1143	1079	1020	961	903	827	750	680	604
62.5°	1413	1337	1260	1184	1114	1043	979	891	803	727	645
60°	1559	1477	1389	1301	1213	1131	1049	956	862	768	686
57.5°	1729	1612	1512	1413	1313	1219	1120	1020	920	821	721
55°	1899	1770	1641	1530	1419	1313	1196	1084	973	868	756
52.5°	2081	1929	1788	1647	1524	1401	1278	1161	1032	914	780
50°	2280	2099	1934	1776	1630	1495	1360	1225	1090	961	809
47.5°	2491	2280	2087	1905	1747	1583	1436	1296	1149	1014	838
45°	2726	2474	2245	2046	1852	1677	1518	1360	1208	1049	856
42.5°	2954	2679	2421	2175	1970	1770	1600	1430	1266	1079	885
40°	3224	2884	2597	2333	2087	1864	1671	1495	1325	1114	909
37.5°	3505	3113	2779	2474	2204	1964	1753	1553	1366	1149	932
35°	3787	3347	2960	2620	2327	2063	1829	1618	1407	1178	956
32.5°	4080	3582	3142	2767	2444	2163	1905	1677	1454	1213	973
30°	4402	3828	3330	2908	2556	2251	1981	1735	1501	1243	991
27.5°	4707	4056	3511	3060	2673	2345	2052	1794	1553	1272	1014
25°	5012	4303	3705	3201	2784	2427	2122	1847	1600	1307	1032
22.5°	5340	4543	3881	3335	2884	2509	2187	1905	1641	1342	1049
20°	5639	4760	4033	3464	2990	2591	2251	1952	1677	1378	1067
17.5°	5915	4983	4221	3599	3089	2667	2304	1993	1712	1407	1079
15°	6214	5205	4385	3716	3177	2732	2357	2034	1741	1436	1084
12.5°	6472	5393	4525	3822	3253	2784	2398	2063	1770	1466	1096
10°	6683	5545	4643	3904	3312	2831	2427	2093	1788	1483	1102
7.5°	6847	5663	4731	3969	3359	2866	2456	2110	1805	1501	1102
5°	6970	5751	4789	4015	3394	2896	2480	2128	1823	1524	1108
2.5°	7081	5844	4836	4056	3423	2919	2497	2140	1823	1518	1096
0°	7099	5862	4830	4056	3423	2925	2497	2140	1817	1512	1084
-2.5°	7081	5844	4836	4056	3423	2919	2497	2140	1823	1518	1096
-5°	6970	5751	4789	4015	3394	2896	2480	2128	1823	1524	1108
-7.5°	6847	5663	4731	3969	3359	2866	2456	2110	1805	1501	1102
-10°	6683	5545	4643	3904	3312	2831	2427	2093	1788	1483	1102
-12.5°	6472	5393	4525	3822	3253	2784	2398	2063	1770	1466	1096
-15°	6214	5205	4385	3716	3177	2732	2357	2034	1741	1436	1084
-17.5°	5915	4983	4221	3599	3089	2667	2304	1993	1712	1407	1079
-20°	5639	4760	4033	3464	2990	2591	2251	1952	1677	1378	1067



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	5340	4543	3881	3335	2884	2509	2187	1905	1641	1342	1049
-25°	5012	4303	3705	3201	2784	2427	2122	1847	1600	1307	1032
-27.5°	4707	4056	3511	3060	2673	2345	2052	1794	1553	1272	1014
-30°	4402	3828	3330	2908	2556	2251	1981	1735	1501	1243	991
-32.5°	4080	3582	3142	2767	2444	2163	1905	1677	1454	1213	973
-35°	3787	3347	2960	2620	2327	2063	1829	1618	1407	1178	956
-37.5°	3505	3113	2779	2474	2204	1964	1753	1553	1366	1149	932
-40°	3224	2884	2597	2333	2087	1864	1671	1495	1325	1114	909
-42.5°	2954	2679	2421	2175	1970	1770	1600	1430	1266	1079	885
-45°	2726	2474	2245	2046	1852	1677	1518	1360	1208	1049	856
-47.5°	2491	2280	2087	1905	1747	1583	1436	1296	1149	1014	838
-50°	2280	2099	1934	1776	1630	1495	1360	1225	1090	961	809
-52.5°	2081	1929	1788	1647	1524	1401	1278	1161	1032	914	780
-55°	1899	1770	1641	1530	1419	1313	1196	1084	973	868	756
-57.5°	1729	1612	1512	1413	1313	1219	1120	1020	920	821	721
-60°	1559	1477	1389	1301	1213	1131	1049	956	862	768	686
-62.5°	1413	1337	1260	1184	1114	1043	979	891	803	727	645
-65°	1272	1208	1143	1079	1020	961	903	827	750	680	604
-67.5°	1131	1079	1026	979	926	879	827	762	698	627	557
-70°	991	950	914	879	838	791	756	703	645	569	504
-72.5°	844	815	803	786	745	709	680	639	569	504	451
-75°	674	674	680	668	645	627	586	539	487	440	393
-77.5°	533	545	551	557	533	510	481	440	405	369	334
-80°	405	422	440	440	422	399	375	352	328	299	270
-82.5°	305	317	328	328	317	305	287	270	252	229	205
-85°	205	211	223	229	217	211	193	182	170	152	141
-87.5°	100	106	111	111	111	106	100	94	82	76	70
-90°	0	0	0	0	0	0	0	0	0	0	0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0	0	0	0	0	0	0
87.5°	59	47	35	23	12	6	0
85°	123	94	65	41	23	12	0
82.5°	182	135	100	65	41	18	0
80°	240	182	129	88	53	23	0
77.5°	293	223	164	106	65	29	0
75°	340	258	193	129	76	35	0
72.5°	387	293	217	147	88	41	0
70°	434	328	240	170	100	47	0
67.5°	469	358	264	182	111	53	0
65°	498	387	281	193	123	53	0
62.5°	528	410	299	205	135	59	0
60°	563	434	322	217	141	65	0
57.5°	586	451	334	229	147	70	0
55°	610	475	346	240	158	76	0
52.5°	633	492	363	246	164	76	0
50°	651	510	375	252	170	82	0
47.5°	674	522	381	258	176	88	0
45°	692	539	393	264	182	88	0
42.5°	709	551	399	270	182	94	0
40°	727	557	410	281	188	100	0
37.5°	739	569	416	287	193	100	0
35°	745	575	422	293	199	106	0
32.5°	756	586	428	305	199	106	0
30°	774	586	428	311	205	106	0
27.5°	786	592	440	311	205	111	0
25°	791	592	446	317	211	111	0
22.5°	797	598	451	322	211	111	0
20°	803	604	457	328	217	117	0
17.5°	809	616	463	328	217	117	0
15°	821	621	463	328	217	123	0
12.5°	827	621	463	334	217	123	0
10°	832	627	463	334	223	117	0
7.5°	832	627	469	334	223	117	0
5°	832	633	463	334	217	117	0
2.5°	821	633	463	328	217	117	0
0°	815	627	457	328	217	117	0
-2.5°	821	633	463	328	217	117	0
-5°	832	633	463	334	217	117	0
-7.5°	832	627	469	334	223	117	0
-10°	832	627	463	334	223	117	0
-12.5°	827	621	463	334	217	123	0
-15°	821	621	463	328	217	123	0
-17.5°	809	616	463	328	217	117	0
-20°	803	604	457	328	217	117	0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	797	598	451	322	211	111	0
-25°	791	592	446	317	211	111	0
-27.5°	786	592	440	311	205	111	0
-30°	774	586	428	311	205	106	0
-32.5°	756	586	428	305	199	106	0
-35°	745	575	422	293	199	106	0
-37.5°	739	569	416	287	193	100	0
-40°	727	557	410	281	188	100	0
-42.5°	709	551	399	270	182	94	0
-45°	692	539	393	264	182	88	0
-47.5°	674	522	381	258	176	88	0
-50°	651	510	375	252	170	82	0
-52.5°	633	492	363	246	164	76	0
-55°	610	475	346	240	158	76	0
-57.5°	586	451	334	229	147	70	0
-60°	563	434	322	217	141	65	0
-62.5°	528	410	299	205	135	59	0
-65°	498	387	281	193	123	53	0
-67.5°	469	358	264	182	111	53	0
-70°	434	328	240	170	100	47	0
-72.5°	387	293	217	147	88	41	0
-75°	340	258	193	129	76	35	0
-77.5°	293	223	164	106	65	29	0
-80°	240	182	129	88	53	23	0
-82.5°	182	135	100	65	41	18	0
-85°	123	94	65	41	23	12	0
-87.5°	59	47	35	23	12	6	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)