

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: P622171

Luminaire Tested: **IFLD-L-SA8C-730-U-66**

Issue Date: 09/20/2022

Test Information

Test Method: LM-79-2019
Report Number: P622171
Test Lab: INNOVATION CENTER(G2)
Issue Date: 09/20/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8C-730-U-66
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 6 distribution lens
Light Source: (128) 3000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

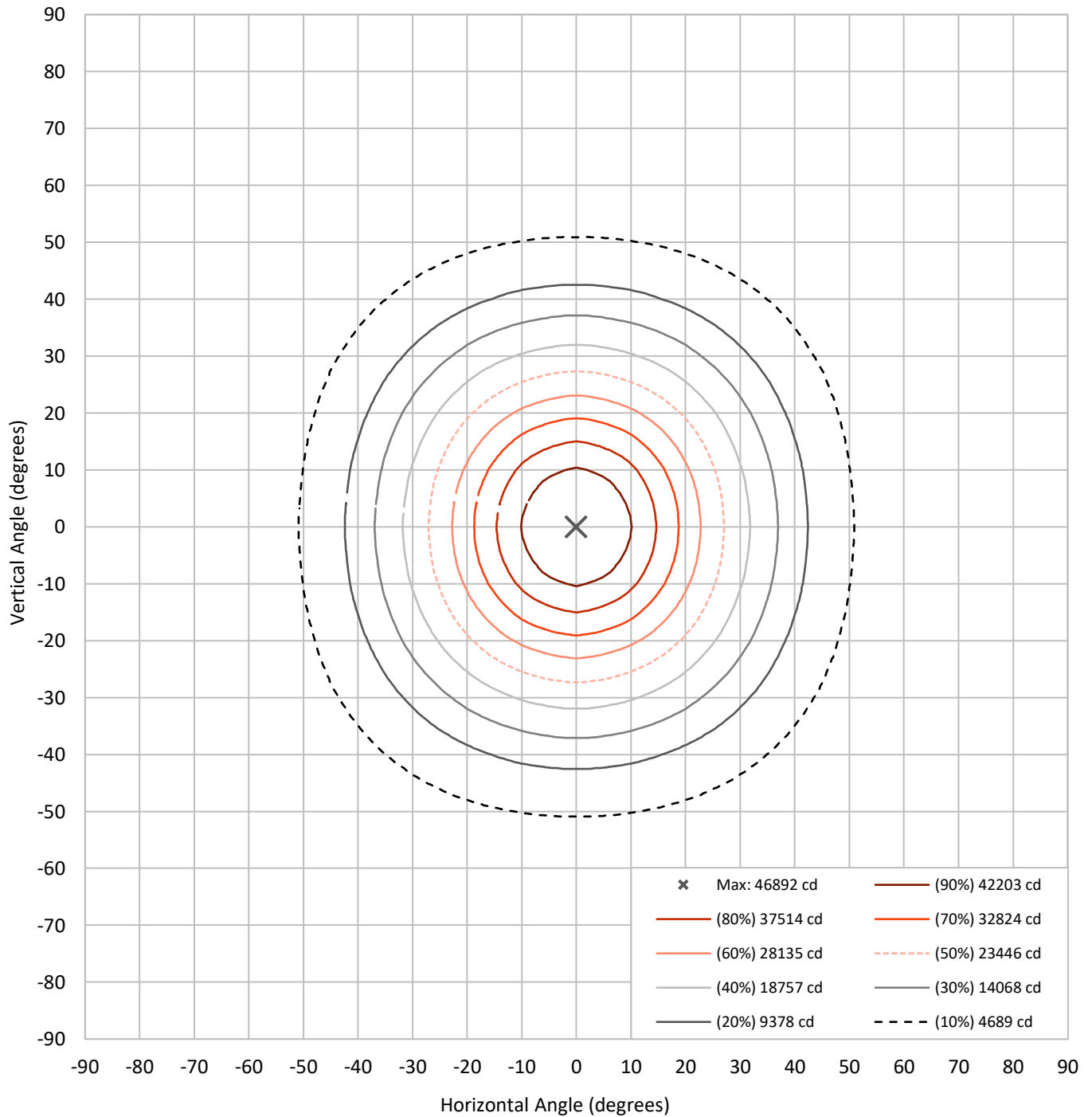
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	48634.7 lumens	Max Intensity:	46892 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	115.7 lumens/watt		
Luminous Opening:	Rectangular (W 2' 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:	23383.7 lumens	Field Lumens:	42681.8 lumens
Beam Efficiency:	48.1%	Field Efficiency:	87.8%
Input Watts (W):	420.3		
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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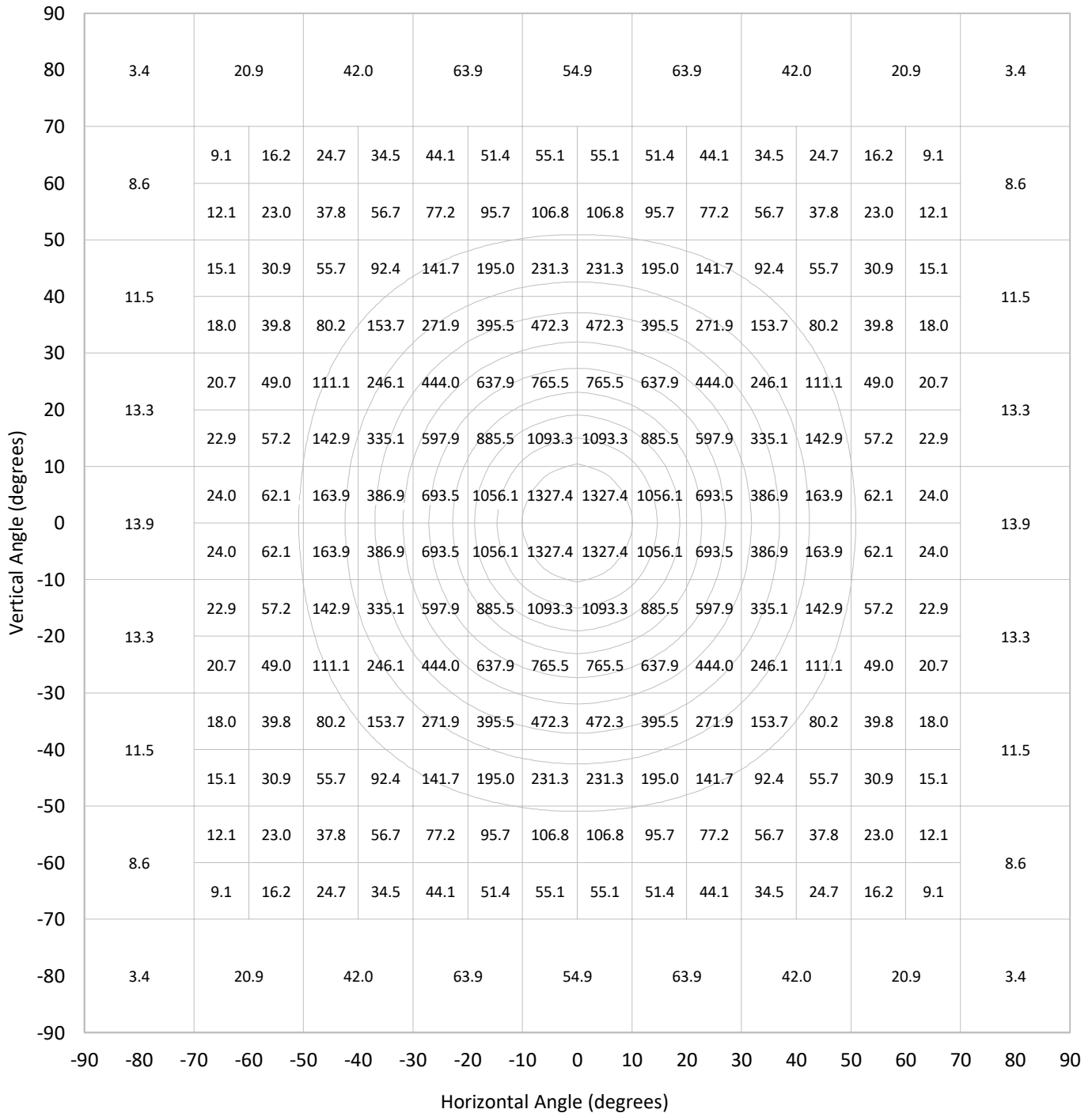
Iso-Candela Plot





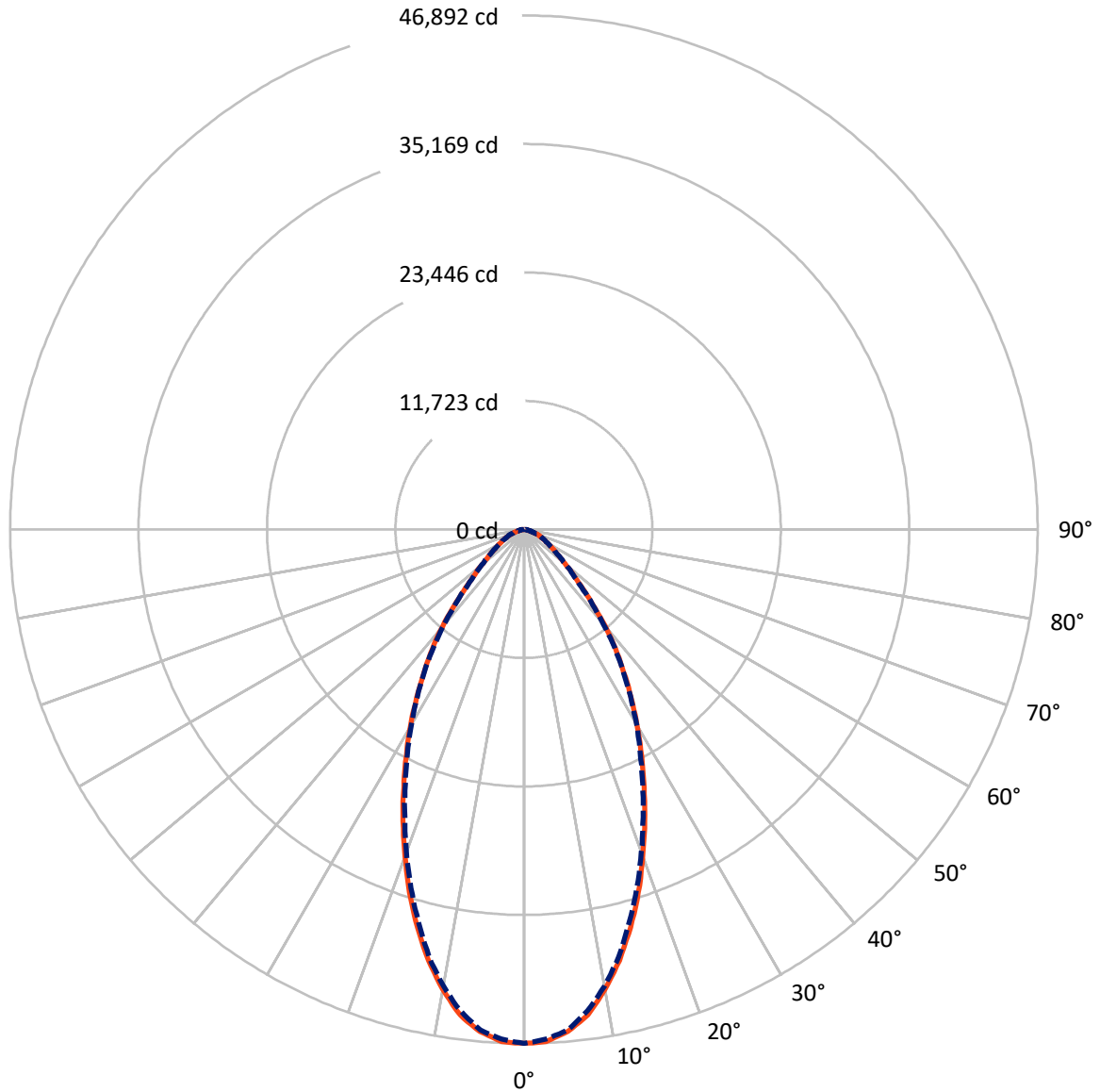
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Lumen Table



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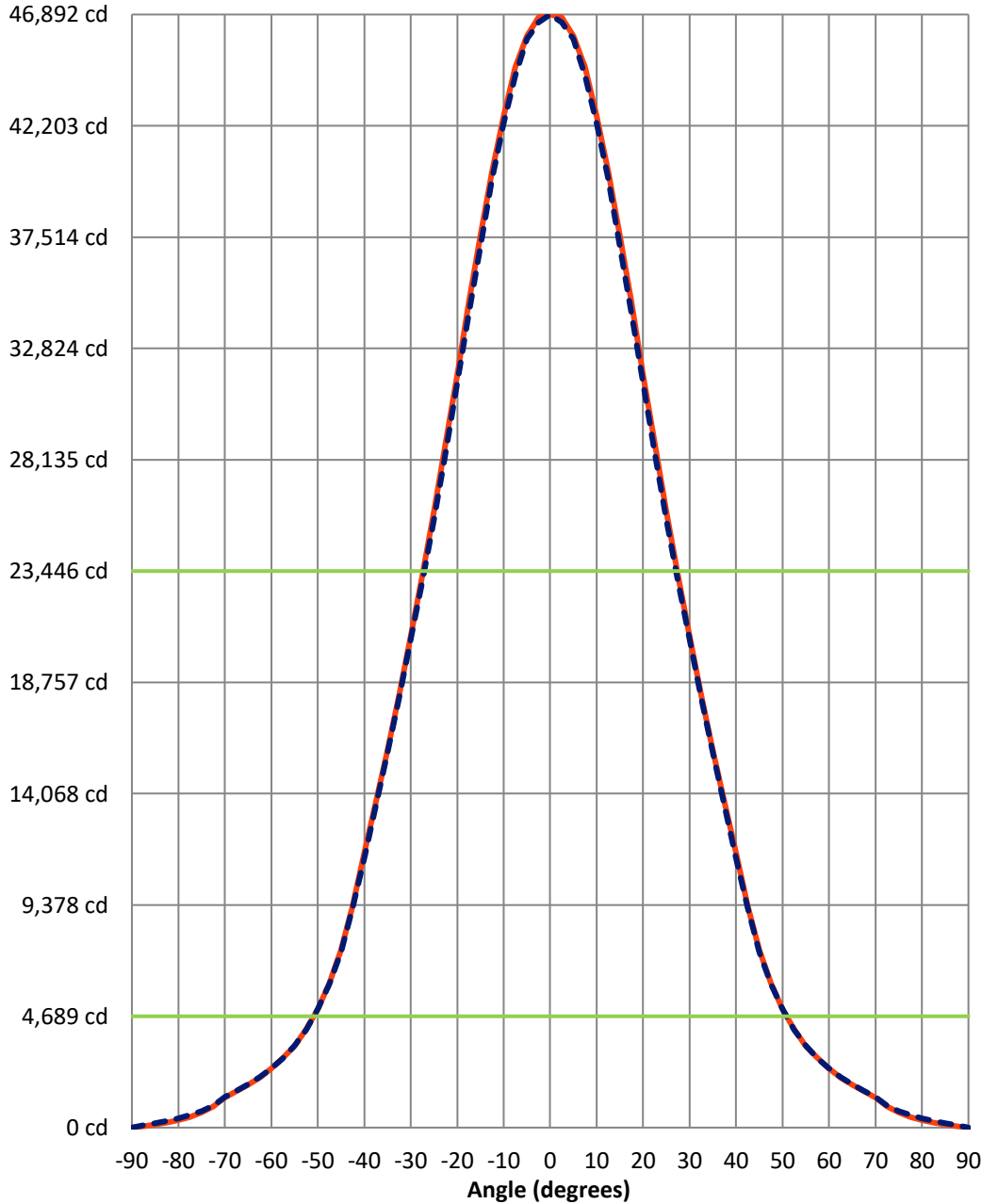
Luminous Intensity Polar Plot



— 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: 23383.7
Efficiency: 48.1%

Field:
H Angle: 101.7°
V Angle: 101.8°
Lumens: 42681.8
Efficiency: 87.8%

Spill:
Lumens: 5953
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	5	10	20	30	40	50	60	65	70	80
85°	0	10	20	35	55	80	105	120	130	145	155
82.5°	0	15	35	55	85	115	155	175	195	215	230
80°	0	20	45	75	110	155	205	230	255	280	300
77.5°	0	25	55	90	140	190	250	285	315	345	375
75°	0	30	65	110	165	220	290	335	375	415	460
72.5°	0	35	75	125	185	250	330	385	430	485	545
70°	0	40	85	145	205	280	370	430	485	550	600
67.5°	0	45	95	155	225	305	400	475	535	595	650
65°	0	45	105	165	240	330	425	515	580	640	705
62.5°	0	50	115	175	255	350	450	550	620	685	760
60°	0	55	120	185	275	370	480	585	655	735	814
57.5°	0	60	125	195	285	385	500	615	700	784	869
55°	0	65	135	205	295	405	520	645	740	829	924
52.5°	0	65	140	210	310	420	540	665	780	879	989
50°	0	70	145	215	320	435	555	690	819	929	1044
47.5°	0	75	150	220	325	445	575	715	864	979	1104
45°	0	75	155	225	335	460	590	730	894	1029	1159
42.5°	0	80	155	230	340	470	605	755	919	1079	1219
40°	0	85	160	240	350	475	620	775	949	1129	1274
37.5°	0	85	165	245	355	485	630	794	979	1164	1324
35°	0	90	170	250	360	490	635	814	1004	1199	1379
32.5°	0	90	170	260	365	500	645	829	1034	1239	1429
30°	0	90	175	265	365	500	660	844	1059	1279	1479
27.5°	0	95	175	265	375	505	670	864	1084	1324	1529
25°	0	95	180	270	380	505	675	879	1114	1364	1574
22.5°	0	95	180	275	385	510	680	894	1144	1399	1624
20°	0	100	185	280	390	515	685	909	1174	1429	1664
17.5°	0	100	185	280	395	525	690	919	1199	1459	1699
15°	0	105	185	280	395	530	700	924	1224	1484	1734
12.5°	0	105	185	285	395	530	705	934	1249	1509	1759
10°	0	100	190	285	395	535	710	939	1264	1524	1784
7.5°	0	100	190	285	400	535	710	939	1279	1539	1799
5°	0	100	185	285	395	540	710	944	1299	1554	1814
2.5°	0	100	185	280	395	540	700	934	1294	1554	1824
0°	0	100	185	280	390	535	695	924	1289	1549	1824
-2.5°	0	100	185	280	395	540	700	934	1294	1554	1824
-5°	0	100	185	285	395	540	710	944	1299	1554	1814
-7.5°	0	100	190	285	400	535	710	939	1279	1539	1799
-10°	0	100	190	285	395	535	710	939	1264	1524	1784
-12.5°	0	105	185	285	395	530	705	934	1249	1509	1759
-15°	0	105	185	280	395	530	700	924	1224	1484	1734
-17.5°	0	100	185	280	395	525	690	919	1199	1459	1699
-20°	0	100	185	280	390	515	685	909	1174	1429	1664



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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	95	180	275	385	510	680	894	1144	1399	1624
-25°	0	95	180	270	380	505	675	879	1114	1364	1574
-27.5°	0	95	175	265	375	505	670	864	1084	1324	1529
-30°	0	90	175	265	365	500	660	844	1059	1279	1479
-32.5°	0	90	170	260	365	500	645	829	1034	1239	1429
-35°	0	90	170	250	360	490	635	814	1004	1199	1379
-37.5°	0	85	165	245	355	485	630	794	979	1164	1324
-40°	0	85	160	240	350	475	620	775	949	1129	1274
-42.5°	0	80	155	230	340	470	605	755	919	1079	1219
-45°	0	75	155	225	335	460	590	730	894	1029	1159
-47.5°	0	75	150	220	325	445	575	715	864	979	1104
-50°	0	70	145	215	320	435	555	690	819	929	1044
-52.5°	0	65	140	210	310	420	540	665	780	879	989
-55°	0	65	135	205	295	405	520	645	740	829	924
-57.5°	0	60	125	195	285	385	500	615	700	784	869
-60°	0	55	120	185	275	370	480	585	655	735	814
-62.5°	0	50	115	175	255	350	450	550	620	685	760
-65°	0	45	105	165	240	330	425	515	580	640	705
-67.5°	0	45	95	155	225	305	400	475	535	595	650
-70°	0	40	85	145	205	280	370	430	485	550	600
-72.5°	0	35	75	125	185	250	330	385	430	485	545
-75°	0	30	65	110	165	220	290	335	375	415	460
-77.5°	0	25	55	90	140	190	250	285	315	345	375
-80°	0	20	45	75	110	155	205	230	255	280	300
-82.5°	0	15	35	55	85	115	155	175	195	215	230
-85°	0	10	20	35	55	80	105	120	130	145	155
-87.5°	0	5	10	20	30	40	50	60	65	70	80
-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°	85	90	95	95	95	90	85	80	90	100	110
85°	165	180	185	195	190	180	175	165	185	205	230
82.5°	245	260	270	280	280	270	260	245	275	305	340
80°	320	340	360	375	375	360	345	325	360	405	450
77.5°	410	435	455	475	470	465	455	445	480	525	570
75°	500	535	550	570	580	575	575	585	625	680	730
72.5°	580	605	635	670	685	695	720	750	789	834	874
70°	645	675	715	750	780	809	844	884	924	969	1009
67.5°	705	750	789	834	874	919	964	1009	1054	1104	1154
65°	770	819	869	919	974	1029	1084	1134	1189	1254	1309
62.5°	834	889	949	1009	1074	1139	1204	1269	1344	1414	1484
60°	894	964	1034	1109	1184	1259	1329	1414	1504	1584	1674
57.5°	954	1039	1119	1204	1289	1374	1474	1569	1674	1779	1879
55°	1019	1119	1209	1304	1399	1509	1619	1739	1854	1989	2114
52.5°	1089	1194	1299	1404	1524	1644	1774	1914	2064	2218	2373
50°	1159	1274	1389	1514	1649	1789	1944	2109	2288	2468	2658
47.5°	1224	1349	1489	1624	1779	1944	2124	2323	2523	2748	2988
45°	1294	1429	1579	1744	1914	2109	2323	2543	2798	3053	3333
42.5°	1364	1509	1679	1854	2064	2283	2518	2798	3083	3398	3737
40°	1424	1589	1779	1989	2213	2458	2748	3053	3403	3777	4197
37.5°	1494	1674	1879	2109	2368	2653	2988	3343	3747	4202	4707
35°	1559	1759	1984	2233	2523	2853	3228	3642	4112	4662	5276
32.5°	1624	1844	2084	2358	2678	3053	3478	3967	4522	5151	5921
30°	1689	1919	2179	2478	2838	3263	3752	4297	4937	5731	6645
27.5°	1749	1999	2278	2608	2993	3458	4012	4662	5416	6311	7380
25°	1809	2069	2373	2728	3158	3667	4272	4987	5891	6950	8219
22.5°	1864	2139	2458	2843	3308	3872	4552	5366	6361	7540	9034
20°	1919	2208	2548	2953	3438	4057	4807	5716	6845	8234	9893
17.5°	1964	2273	2633	3068	3598	4247	5042	6066	7285	8874	10723
15°	2009	2328	2708	3168	3737	4437	5296	6371	7750	9478	11442
12.5°	2044	2373	2773	3258	3857	4597	5516	6680	8199	10048	12067
10°	2069	2413	2823	3328	3957	4727	5696	6930	8564	10513	12586
7.5°	2094	2443	2863	3383	4032	4827	5836	7125	8844	10872	12986
5°	2114	2468	2893	3423	4082	4902	5941	7250	9044	11127	13271
2.5°	2129	2488	2918	3458	4122	4982	6036	7385	9234	11342	13526
0°	2129	2493	2918	3458	4117	4997	6051	7395	9259	11337	13561
-2.5°	2129	2488	2918	3458	4122	4982	6036	7385	9234	11342	13526
-5°	2114	2468	2893	3423	4082	4902	5941	7250	9044	11127	13271
-7.5°	2094	2443	2863	3383	4032	4827	5836	7125	8844	10872	12986
-10°	2069	2413	2823	3328	3957	4727	5696	6930	8564	10513	12586
-12.5°	2044	2373	2773	3258	3857	4597	5516	6680	8199	10048	12067
-15°	2009	2328	2708	3168	3737	4437	5296	6371	7750	9478	11442
-17.5°	1964	2273	2633	3068	3598	4247	5042	6066	7285	8874	10723
-20°	1919	2208	2548	2953	3438	4057	4807	5716	6845	8234	9893



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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°	1864	2139	2458	2843	3308	3872	4552	5366	6361	7540	9034
-25°	1809	2069	2373	2728	3158	3667	4272	4987	5891	6950	8219
-27.5°	1749	1999	2278	2608	2993	3458	4012	4662	5416	6311	7380
-30°	1689	1919	2179	2478	2838	3263	3752	4297	4937	5731	6645
-32.5°	1624	1844	2084	2358	2678	3053	3478	3967	4522	5151	5921
-35°	1559	1759	1984	2233	2523	2853	3228	3642	4112	4662	5276
-37.5°	1494	1674	1879	2109	2368	2653	2988	3343	3747	4202	4707
-40°	1424	1589	1779	1989	2213	2458	2748	3053	3403	3777	4197
-42.5°	1364	1509	1679	1854	2064	2283	2518	2798	3083	3398	3737
-45°	1294	1429	1579	1744	1914	2109	2323	2543	2798	3053	3333
-47.5°	1224	1349	1489	1624	1779	1944	2124	2323	2523	2748	2988
-50°	1159	1274	1389	1514	1649	1789	1944	2109	2288	2468	2658
-52.5°	1089	1194	1299	1404	1524	1644	1774	1914	2064	2218	2373
-55°	1019	1119	1209	1304	1399	1509	1619	1739	1854	1989	2114
-57.5°	954	1039	1119	1204	1289	1374	1474	1569	1674	1779	1879
-60°	894	964	1034	1109	1184	1259	1329	1414	1504	1584	1674
-62.5°	834	889	949	1009	1074	1139	1204	1269	1344	1414	1484
-65°	770	819	869	919	974	1029	1084	1134	1189	1254	1309
-67.5°	705	750	789	834	874	919	964	1009	1054	1104	1154
-70°	645	675	715	750	780	809	844	884	924	969	1009
-72.5°	580	605	635	670	685	695	720	750	789	834	874
-75°	500	535	550	570	580	575	575	585	625	680	730
-77.5°	410	435	455	475	470	465	455	445	480	525	570
-80°	320	340	360	375	375	360	345	325	360	405	450
-82.5°	245	260	270	280	280	270	260	245	275	305	340
-85°	165	180	185	195	190	180	175	165	185	205	230
-87.5°	85	90	95	95	95	90	85	80	90	100	110
-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°	125	125	125	125	120	125	125	130	135	120	105
85°	250	255	255	255	255	255	255	255	255	230	205
82.5°	375	390	400	415	425	425	420	415	405	365	320
80°	495	520	535	550	565	560	555	545	540	490	440
77.5°	615	645	665	680	695	700	695	695	690	645	590
75°	770	794	814	834	854	864	869	869	869	829	780
72.5°	909	939	969	999	1024	1039	1054	1064	1074	1054	1024
70°	1054	1089	1124	1159	1194	1219	1239	1259	1269	1274	1274
67.5°	1204	1249	1294	1339	1379	1414	1439	1464	1484	1504	1514
65°	1369	1429	1484	1534	1579	1624	1659	1694	1724	1749	1764
62.5°	1554	1624	1689	1754	1804	1859	1914	1964	2004	2039	2064
60°	1759	1844	1924	2004	2084	2149	2218	2278	2328	2373	2413
57.5°	1989	2094	2194	2298	2388	2473	2558	2643	2718	2778	2828
55°	2243	2373	2503	2628	2753	2868	2978	3088	3188	3268	3338
52.5°	2538	2693	2858	3013	3183	3333	3473	3623	3757	3877	3977
50°	2853	3053	3268	3468	3687	3897	4087	4277	4467	4632	4767
47.5°	3223	3463	3742	4017	4287	4572	4837	5086	5346	5566	5751
45°	3623	3957	4287	4657	4997	5381	5746	6111	6431	6750	7020
42.5°	4097	4517	4937	5411	5876	6361	6875	7335	7815	8284	8674
40°	4662	5156	5736	6306	6950	7560	8289	8934	9543	10138	10643
37.5°	5281	5936	6650	7375	8249	9109	9963	10772	11497	12161	12691
35°	5996	6820	7670	8724	9763	10812	11792	12711	13536	14210	14770
32.5°	6815	7790	8964	10188	11392	12556	13725	14635	15494	16264	16923
30°	7685	8954	10323	11692	13006	14270	15449	16543	17543	18407	19147
27.5°	8704	10173	11697	13166	14575	15939	17278	18527	19621	20531	21450
25°	9713	11397	13026	14580	16104	17628	19102	20506	21785	22899	23893
22.5°	10777	12536	14255	15904	17633	19291	20905	22504	23973	25257	26376
20°	11762	13650	15404	17243	19117	20915	22729	24458	26097	27646	28920
17.5°	12641	14565	16478	18417	20461	22499	24468	26342	28210	30014	31603
15°	13426	15444	17408	19521	21725	23918	26112	28175	30279	32277	34056
12.5°	14120	16204	18292	20541	22844	25127	27531	29929	32262	34416	36344
10°	14695	16858	19097	21425	23818	26232	28820	31483	33981	36270	38368
7.5°	15129	17353	19691	22109	24633	27216	29919	32632	35275	37734	39932
5°	15439	17683	20086	22554	25182	27880	30763	33656	36354	38898	41146
2.5°	15719	17977	20426	22799	25477	28275	31163	34161	36919	39532	42035
0°	15794	18097	20571	23009	25612	28420	31363	34291	37119	39957	42310
-2.5°	15719	17977	20426	22799	25477	28275	31163	34161	36919	39532	42035
-5°	15439	17683	20086	22554	25182	27880	30763	33656	36354	38898	41146
-7.5°	15129	17353	19691	22109	24633	27216	29919	32632	35275	37734	39932
-10°	14695	16858	19097	21425	23818	26232	28820	31483	33981	36270	38368
-12.5°	14120	16204	18292	20541	22844	25127	27531	29929	32262	34416	36344
-15°	13426	15444	17408	19521	21725	23918	26112	28175	30279	32277	34056
-17.5°	12641	14565	16478	18417	20461	22499	24468	26342	28210	30014	31603
-20°	11762	13650	15404	17243	19117	20915	22729	24458	26097	27646	28920



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 CATALOG NUMBER: IFLD-L-SA8C-730-U-66

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	10777	12536	14255	15904	17633	19291	20905	22504	23973	25257	26376
-25°	9713	11397	13026	14580	16104	17628	19102	20506	21785	22899	23893
-27.5°	8704	10173	11697	13166	14575	15939	17278	18527	19621	20531	21450
-30°	7685	8954	10323	11692	13006	14270	15449	16543	17543	18407	19147
-32.5°	6815	7790	8964	10188	11392	12556	13725	14635	15494	16264	16923
-35°	5996	6820	7670	8724	9763	10812	11792	12711	13536	14210	14770
-37.5°	5281	5936	6650	7375	8249	9109	9963	10772	11497	12161	12691
-40°	4662	5156	5736	6306	6950	7560	8289	8934	9543	10138	10643
-42.5°	4097	4517	4937	5411	5876	6361	6875	7335	7815	8284	8674
-45°	3623	3957	4287	4657	4997	5381	5746	6111	6431	6750	7020
-47.5°	3223	3463	3742	4017	4287	4572	4837	5086	5346	5566	5751
-50°	2853	3053	3268	3468	3687	3897	4087	4277	4467	4632	4767
-52.5°	2538	2693	2858	3013	3183	3333	3473	3623	3757	3877	3977
-55°	2243	2373	2503	2628	2753	2868	2978	3088	3188	3268	3338
-57.5°	1989	2094	2194	2298	2388	2473	2558	2643	2718	2778	2828
-60°	1759	1844	1924	2004	2084	2149	2218	2278	2328	2373	2413
-62.5°	1554	1624	1689	1754	1804	1859	1914	1964	2004	2039	2064
-65°	1369	1429	1484	1534	1579	1624	1659	1694	1724	1749	1764
-67.5°	1204	1249	1294	1339	1379	1414	1439	1464	1484	1504	1514
-70°	1054	1089	1124	1159	1194	1219	1239	1259	1269	1274	1274
-72.5°	909	939	969	999	1024	1039	1054	1064	1074	1054	1024
-75°	770	794	814	834	854	864	869	869	869	829	780
-77.5°	615	645	665	680	695	700	695	695	690	645	590
-80°	495	520	535	550	565	560	555	545	540	490	440
-82.5°	375	390	400	415	425	425	420	415	405	365	320
-85°	250	255	255	255	255	255	255	255	255	230	205
-87.5°	125	125	125	125	120	125	125	130	135	120	105
-90°	0	0	0	0	0	0	0	0	0	0	0



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 CATALOG NUMBER: IFLD-L-SA8C-730-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°	85	70	65	55	65	70	85	105	120	135	130
85°	175	145	140	130	140	145	175	205	230	255	255
82.5°	280	230	220	210	220	230	280	320	365	405	415
80°	395	335	325	315	325	335	395	440	490	540	545
77.5°	535	480	460	445	460	480	535	590	645	690	695
75°	725	670	655	640	655	670	725	780	829	869	869
72.5°	989	964	924	889	924	964	989	1024	1054	1074	1064
70°	1279	1289	1279	1264	1279	1289	1279	1274	1274	1269	1259
67.5°	1519	1529	1529	1534	1529	1529	1519	1514	1504	1484	1464
65°	1779	1784	1799	1804	1799	1784	1779	1764	1749	1724	1694
62.5°	2079	2094	2104	2104	2104	2094	2079	2064	2039	2004	1964
60°	2438	2458	2483	2488	2483	2458	2438	2413	2373	2328	2278
57.5°	2868	2893	2928	2938	2928	2893	2868	2828	2778	2718	2643
55°	3388	3423	3443	3433	3443	3423	3388	3338	3268	3188	3088
52.5°	4062	4122	4162	4142	4162	4122	4062	3977	3877	3757	3623
50°	4877	4952	5002	4987	5002	4952	4877	4767	4632	4467	4277
47.5°	5896	6001	6086	6091	6086	6001	5896	5751	5566	5346	5086
45°	7235	7390	7505	7485	7505	7390	7235	7020	6750	6431	6111
42.5°	8974	9189	9358	9343	9358	9189	8974	8674	8284	7815	7335
40°	11017	11282	11507	11567	11507	11282	11017	10643	10138	9543	8934
37.5°	13121	13461	13745	13715	13745	13461	13121	12691	12161	11497	10772
35°	15234	15589	15869	15894	15869	15589	15234	14770	14210	13536	12711
32.5°	17448	17842	18172	18217	18172	17842	17448	16923	16264	15494	14635
30°	19756	20231	20626	20705	20626	20231	19756	19147	18407	17543	16543
27.5°	22184	22749	23124	23269	23124	22749	22184	21450	20531	19621	18527
25°	24688	25302	25722	25957	25722	25302	24688	23893	22899	21785	20506
22.5°	27301	28030	28575	28835	28575	28030	27301	26376	25257	23973	22504
20°	29999	30793	31428	31698	31428	30793	29999	28920	27646	26097	24458
17.5°	32747	33716	34421	34766	34421	33716	32747	31603	30014	28210	26342
15°	35415	36444	37209	37579	37209	36444	35415	34056	32277	30279	28175
12.5°	37888	38978	39742	40277	39742	38978	37888	36344	34416	32262	29929
10°	40097	41286	42060	42615	42060	41286	40097	38368	36270	33981	31483
7.5°	41751	43255	44129	44674	44129	43255	41751	39932	37734	35275	32632
5°	43020	44679	45473	45988	45473	44679	43020	41146	38898	36354	33656
2.5°	43949	45258	46253	46767	46253	45258	43949	42035	39532	36919	34161
0°	44314	45853	46557	46892	46557	45853	44314	42310	39957	37119	34291
-2.5°	43949	45258	46253	46767	46253	45258	43949	42035	39532	36919	34161
-5°	43020	44679	45473	45988	45473	44679	43020	41146	38898	36354	33656
-7.5°	41751	43255	44129	44674	44129	43255	41751	39932	37734	35275	32632
-10°	40097	41286	42060	42615	42060	41286	40097	38368	36270	33981	31483
-12.5°	37888	38978	39742	40277	39742	38978	37888	36344	34416	32262	29929
-15°	35415	36444	37209	37579	37209	36444	35415	34056	32277	30279	28175
-17.5°	32747	33716	34421	34766	34421	33716	32747	31603	30014	28210	26342
-20°	29999	30793	31428	31698	31428	30793	29999	28920	27646	26097	24458



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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°	27301	28030	28575	28835	28575	28030	27301	26376	25257	23973	22504
-25°	24688	25302	25722	25957	25722	25302	24688	23893	22899	21785	20506
-27.5°	22184	22749	23124	23269	23124	22749	22184	21450	20531	19621	18527
-30°	19756	20231	20626	20705	20626	20231	19756	19147	18407	17543	16543
-32.5°	17448	17842	18172	18217	18172	17842	17448	16923	16264	15494	14635
-35°	15234	15589	15869	15894	15869	15589	15234	14770	14210	13536	12711
-37.5°	13121	13461	13745	13715	13745	13461	13121	12691	12161	11497	10772
-40°	11017	11282	11507	11567	11507	11282	11017	10643	10138	9543	8934
-42.5°	8974	9189	9358	9343	9358	9189	8974	8674	8284	7815	7335
-45°	7235	7390	7505	7485	7505	7390	7235	7020	6750	6431	6111
-47.5°	5896	6001	6086	6091	6086	6001	5896	5751	5566	5346	5086
-50°	4877	4952	5002	4987	5002	4952	4877	4767	4632	4467	4277
-52.5°	4062	4122	4162	4142	4162	4122	4062	3977	3877	3757	3623
-55°	3388	3423	3443	3433	3443	3423	3388	3338	3268	3188	3088
-57.5°	2868	2893	2928	2938	2928	2893	2868	2828	2778	2718	2643
-60°	2438	2458	2483	2488	2483	2458	2438	2413	2373	2328	2278
-62.5°	2079	2094	2104	2104	2104	2094	2079	2064	2039	2004	1964
-65°	1779	1784	1799	1804	1799	1784	1779	1764	1749	1724	1694
-67.5°	1519	1529	1529	1534	1529	1529	1519	1514	1504	1484	1464
-70°	1279	1289	1279	1264	1279	1289	1279	1274	1274	1269	1259
-72.5°	989	964	924	889	924	964	989	1024	1054	1074	1064
-75°	725	670	655	640	655	670	725	780	829	869	869
-77.5°	535	480	460	445	460	480	535	590	645	690	695
-80°	395	335	325	315	325	335	395	440	490	540	545
-82.5°	280	230	220	210	220	230	280	320	365	405	415
-85°	175	145	140	130	140	145	175	205	230	255	255
-87.5°	85	70	65	55	65	70	85	105	120	135	130
-90°	0	0	0	0	0	0	0	0	0	0	0



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 CATALOG NUMBER: IFLD-L-SA8C-730-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°	125	125	120	125	125	125	125	110	100	90	80
85°	255	255	255	255	255	255	250	230	205	185	165
82.5°	420	425	425	415	400	390	375	340	305	275	245
80°	555	560	565	550	535	520	495	450	405	360	325
77.5°	695	700	695	680	665	645	615	570	525	480	445
75°	869	864	854	834	814	794	770	730	680	625	585
72.5°	1054	1039	1024	999	969	939	909	874	834	789	750
70°	1239	1219	1194	1159	1124	1089	1054	1009	969	924	884
67.5°	1439	1414	1379	1339	1294	1249	1204	1154	1104	1054	1009
65°	1659	1624	1579	1534	1484	1429	1369	1309	1254	1189	1134
62.5°	1914	1859	1804	1754	1689	1624	1554	1484	1414	1344	1269
60°	2218	2149	2084	2004	1924	1844	1759	1674	1584	1504	1414
57.5°	2558	2473	2388	2298	2194	2094	1989	1879	1779	1674	1569
55°	2978	2868	2753	2628	2503	2373	2243	2114	1989	1854	1739
52.5°	3473	3333	3183	3013	2858	2693	2538	2373	2218	2064	1914
50°	4087	3897	3687	3468	3268	3053	2853	2658	2468	2288	2109
47.5°	4837	4572	4287	4017	3742	3463	3223	2988	2748	2523	2323
45°	5746	5381	4997	4657	4287	3957	3623	3333	3053	2798	2543
42.5°	6875	6361	5876	5411	4937	4517	4097	3737	3398	3083	2798
40°	8289	7560	6950	6306	5736	5156	4662	4197	3777	3403	3053
37.5°	9963	9109	8249	7375	6650	5936	5281	4707	4202	3747	3343
35°	11792	10812	9763	8724	7670	6820	5996	5276	4662	4112	3642
32.5°	13725	12556	11392	10188	8964	7790	6815	5921	5151	4522	3967
30°	15449	14270	13006	11692	10323	8954	7685	6645	5731	4937	4297
27.5°	17278	15939	14575	13166	11697	10173	8704	7380	6311	5416	4662
25°	19102	17628	16104	14580	13026	11397	9713	8219	6950	5891	4987
22.5°	20905	19291	17633	15904	14255	12536	10777	9034	7540	6361	5366
20°	22729	20915	19117	17243	15404	13650	11762	9893	8234	6845	5716
17.5°	24468	22499	20461	18417	16478	14565	12641	10723	8874	7285	6066
15°	26112	23918	21725	19521	17408	15444	13426	11442	9478	7750	6371
12.5°	27531	25127	22844	20541	18292	16204	14120	12067	10048	8199	6680
10°	28820	26232	23818	21425	19097	16858	14695	12586	10513	8564	6930
7.5°	29919	27216	24633	22109	19691	17353	15129	12986	10872	8844	7125
5°	30763	27880	25182	22554	20086	17683	15439	13271	11127	9044	7250
2.5°	31163	28275	25477	22799	20426	17977	15719	13526	11342	9234	7385
0°	31363	28420	25612	23009	20571	18097	15794	13561	11337	9259	7395
-2.5°	31163	28275	25477	22799	20426	17977	15719	13526	11342	9234	7385
-5°	30763	27880	25182	22554	20086	17683	15439	13271	11127	9044	7250
-7.5°	29919	27216	24633	22109	19691	17353	15129	12986	10872	8844	7125
-10°	28820	26232	23818	21425	19097	16858	14695	12586	10513	8564	6930
-12.5°	27531	25127	22844	20541	18292	16204	14120	12067	10048	8199	6680
-15°	26112	23918	21725	19521	17408	15444	13426	11442	9478	7750	6371
-17.5°	24468	22499	20461	18417	16478	14565	12641	10723	8874	7285	6066
-20°	22729	20915	19117	17243	15404	13650	11762	9893	8234	6845	5716



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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°	20905	19291	17633	15904	14255	12536	10777	9034	7540	6361	5366
-25°	19102	17628	16104	14580	13026	11397	9713	8219	6950	5891	4987
-27.5°	17278	15939	14575	13166	11697	10173	8704	7380	6311	5416	4662
-30°	15449	14270	13006	11692	10323	8954	7685	6645	5731	4937	4297
-32.5°	13725	12556	11392	10188	8964	7790	6815	5921	5151	4522	3967
-35°	11792	10812	9763	8724	7670	6820	5996	5276	4662	4112	3642
-37.5°	9963	9109	8249	7375	6650	5936	5281	4707	4202	3747	3343
-40°	8289	7560	6950	6306	5736	5156	4662	4197	3777	3403	3053
-42.5°	6875	6361	5876	5411	4937	4517	4097	3737	3398	3083	2798
-45°	5746	5381	4997	4657	4287	3957	3623	3333	3053	2798	2543
-47.5°	4837	4572	4287	4017	3742	3463	3223	2988	2748	2523	2323
-50°	4087	3897	3687	3468	3268	3053	2853	2658	2468	2288	2109
-52.5°	3473	3333	3183	3013	2858	2693	2538	2373	2218	2064	1914
-55°	2978	2868	2753	2628	2503	2373	2243	2114	1989	1854	1739
-57.5°	2558	2473	2388	2298	2194	2094	1989	1879	1779	1674	1569
-60°	2218	2149	2084	2004	1924	1844	1759	1674	1584	1504	1414
-62.5°	1914	1859	1804	1754	1689	1624	1554	1484	1414	1344	1269
-65°	1659	1624	1579	1534	1484	1429	1369	1309	1254	1189	1134
-67.5°	1439	1414	1379	1339	1294	1249	1204	1154	1104	1054	1009
-70°	1239	1219	1194	1159	1124	1089	1054	1009	969	924	884
-72.5°	1054	1039	1024	999	969	939	909	874	834	789	750
-75°	869	864	854	834	814	794	770	730	680	625	585
-77.5°	695	700	695	680	665	645	615	570	525	480	445
-80°	555	560	565	550	535	520	495	450	405	360	325
-82.5°	420	425	425	415	400	390	375	340	305	275	245
-85°	255	255	255	255	255	255	250	230	205	185	165
-87.5°	125	125	120	125	125	125	125	110	100	90	80
-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°	85	90	95	95	95	90	85	80	70	65	60
85°	175	180	190	195	185	180	165	155	145	130	120
82.5°	260	270	280	280	270	260	245	230	215	195	175
80°	345	360	375	375	360	340	320	300	280	255	230
77.5°	455	465	470	475	455	435	410	375	345	315	285
75°	575	575	580	570	550	535	500	460	415	375	335
72.5°	720	695	685	670	635	605	580	545	485	430	385
70°	844	809	780	750	715	675	645	600	550	485	430
67.5°	964	919	874	834	789	750	705	650	595	535	475
65°	1084	1029	974	919	869	819	770	705	640	580	515
62.5°	1204	1139	1074	1009	949	889	834	760	685	620	550
60°	1329	1259	1184	1109	1034	964	894	814	735	655	585
57.5°	1474	1374	1289	1204	1119	1039	954	869	784	700	615
55°	1619	1509	1399	1304	1209	1119	1019	924	829	740	645
52.5°	1774	1644	1524	1404	1299	1194	1089	989	879	780	665
50°	1944	1789	1649	1514	1389	1274	1159	1044	929	819	690
47.5°	2124	1944	1779	1624	1489	1349	1224	1104	979	864	715
45°	2323	2109	1914	1744	1579	1429	1294	1159	1029	894	730
42.5°	2518	2283	2064	1854	1679	1509	1364	1219	1079	919	755
40°	2748	2458	2213	1989	1779	1589	1424	1274	1129	949	775
37.5°	2988	2653	2368	2109	1879	1674	1494	1324	1164	979	794
35°	3228	2853	2523	2233	1984	1759	1559	1379	1199	1004	814
32.5°	3478	3053	2678	2358	2084	1844	1624	1429	1239	1034	829
30°	3752	3263	2838	2478	2179	1919	1689	1479	1279	1059	844
27.5°	4012	3458	2993	2608	2278	1999	1749	1529	1324	1084	864
25°	4272	3667	3158	2728	2373	2069	1809	1574	1364	1114	879
22.5°	4552	3872	3308	2843	2458	2139	1864	1624	1399	1144	894
20°	4807	4057	3438	2953	2548	2208	1919	1664	1429	1174	909
17.5°	5042	4247	3598	3068	2633	2273	1964	1699	1459	1199	919
15°	5296	4437	3737	3168	2708	2328	2009	1734	1484	1224	924
12.5°	5516	4597	3857	3258	2773	2373	2044	1759	1509	1249	934
10°	5696	4727	3957	3328	2823	2413	2069	1784	1524	1264	939
7.5°	5836	4827	4032	3383	2863	2443	2094	1799	1539	1279	939
5°	5941	4902	4082	3423	2893	2468	2114	1814	1554	1299	944
2.5°	6036	4982	4122	3458	2918	2488	2129	1824	1554	1294	934
0°	6051	4997	4117	3458	2918	2493	2129	1824	1549	1289	924
-2.5°	6036	4982	4122	3458	2918	2488	2129	1824	1554	1294	934
-5°	5941	4902	4082	3423	2893	2468	2114	1814	1554	1299	944
-7.5°	5836	4827	4032	3383	2863	2443	2094	1799	1539	1279	939
-10°	5696	4727	3957	3328	2823	2413	2069	1784	1524	1264	939
-12.5°	5516	4597	3857	3258	2773	2373	2044	1759	1509	1249	934
-15°	5296	4437	3737	3168	2708	2328	2009	1734	1484	1224	924
-17.5°	5042	4247	3598	3068	2633	2273	1964	1699	1459	1199	919
-20°	4807	4057	3438	2953	2548	2208	1919	1664	1429	1174	909



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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°	4552	3872	3308	2843	2458	2139	1864	1624	1399	1144	894
-25°	4272	3667	3158	2728	2373	2069	1809	1574	1364	1114	879
-27.5°	4012	3458	2993	2608	2278	1999	1749	1529	1324	1084	864
-30°	3752	3263	2838	2478	2179	1919	1689	1479	1279	1059	844
-32.5°	3478	3053	2678	2358	2084	1844	1624	1429	1239	1034	829
-35°	3228	2853	2523	2233	1984	1759	1559	1379	1199	1004	814
-37.5°	2988	2653	2368	2109	1879	1674	1494	1324	1164	979	794
-40°	2748	2458	2213	1989	1779	1589	1424	1274	1129	949	775
-42.5°	2518	2283	2064	1854	1679	1509	1364	1219	1079	919	755
-45°	2323	2109	1914	1744	1579	1429	1294	1159	1029	894	730
-47.5°	2124	1944	1779	1624	1489	1349	1224	1104	979	864	715
-50°	1944	1789	1649	1514	1389	1274	1159	1044	929	819	690
-52.5°	1774	1644	1524	1404	1299	1194	1089	989	879	780	665
-55°	1619	1509	1399	1304	1209	1119	1019	924	829	740	645
-57.5°	1474	1374	1289	1204	1119	1039	954	869	784	700	615
-60°	1329	1259	1184	1109	1034	964	894	814	735	655	585
-62.5°	1204	1139	1074	1009	949	889	834	760	685	620	550
-65°	1084	1029	974	919	869	819	770	705	640	580	515
-67.5°	964	919	874	834	789	750	705	650	595	535	475
-70°	844	809	780	750	715	675	645	600	550	485	430
-72.5°	720	695	685	670	635	605	580	545	485	430	385
-75°	575	575	580	570	550	535	500	460	415	375	335
-77.5°	455	465	470	475	455	435	410	375	345	315	285
-80°	345	360	375	375	360	340	320	300	280	255	230
-82.5°	260	270	280	280	270	260	245	230	215	195	175
-85°	175	180	190	195	185	180	165	155	145	130	120
-87.5°	85	90	95	95	95	90	85	80	70	65	60
-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°	50	40	30	20	10	5	0
85°	105	80	55	35	20	10	0
82.5°	155	115	85	55	35	15	0
80°	205	155	110	75	45	20	0
77.5°	250	190	140	90	55	25	0
75°	290	220	165	110	65	30	0
72.5°	330	250	185	125	75	35	0
70°	370	280	205	145	85	40	0
67.5°	400	305	225	155	95	45	0
65°	425	330	240	165	105	45	0
62.5°	450	350	255	175	115	50	0
60°	480	370	275	185	120	55	0
57.5°	500	385	285	195	125	60	0
55°	520	405	295	205	135	65	0
52.5°	540	420	310	210	140	65	0
50°	555	435	320	215	145	70	0
47.5°	575	445	325	220	150	75	0
45°	590	460	335	225	155	75	0
42.5°	605	470	340	230	155	80	0
40°	620	475	350	240	160	85	0
37.5°	630	485	355	245	165	85	0
35°	635	490	360	250	170	90	0
32.5°	645	500	365	260	170	90	0
30°	660	500	365	265	175	90	0
27.5°	670	505	375	265	175	95	0
25°	675	505	380	270	180	95	0
22.5°	680	510	385	275	180	95	0
20°	685	515	390	280	185	100	0
17.5°	690	525	395	280	185	100	0
15°	700	530	395	280	185	105	0
12.5°	705	530	395	285	185	105	0
10°	710	535	395	285	190	100	0
7.5°	710	535	400	285	190	100	0
5°	710	540	395	285	185	100	0
2.5°	700	540	395	280	185	100	0
0°	695	535	390	280	185	100	0
-2.5°	700	540	395	280	185	100	0
-5°	710	540	395	285	185	100	0
-7.5°	710	535	400	285	190	100	0
-10°	710	535	395	285	190	100	0
-12.5°	705	530	395	285	185	105	0
-15°	700	530	395	280	185	105	0
-17.5°	690	525	395	280	185	100	0
-20°	685	515	390	280	185	100	0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	680	510	385	275	180	95	0
-25°	675	505	380	270	180	95	0
-27.5°	670	505	375	265	175	95	0
-30°	660	500	365	265	175	90	0
-32.5°	645	500	365	260	170	90	0
-35°	635	490	360	250	170	90	0
-37.5°	630	485	355	245	165	85	0
-40°	620	475	350	240	160	85	0
-42.5°	605	470	340	230	155	80	0
-45°	590	460	335	225	155	75	0
-47.5°	575	445	325	220	150	75	0
-50°	555	435	320	215	145	70	0
-52.5°	540	420	310	210	140	65	0
-55°	520	405	295	205	135	65	0
-57.5°	500	385	285	195	125	60	0
-60°	480	370	275	185	120	55	0
-62.5°	450	350	255	175	115	50	0
-65°	425	330	240	165	105	45	0
-67.5°	400	305	225	155	95	45	0
-70°	370	280	205	145	85	40	0
-72.5°	330	250	185	125	75	35	0
-75°	290	220	165	110	65	30	0
-77.5°	250	190	140	90	55	25	0
-80°	205	155	110	75	45	20	0
-82.5°	155	115	85	55	35	15	0
-85°	105	80	55	35	20	10	0
-87.5°	50	40	30	20	10	5	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)