

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: P622229

Luminaire Tested: **IFLD-L-SA8C-740-U-66**

Issue Date: 09/20/2022

Test Information

Test Method: LM-79-2019
Report Number: P622229
Test Lab: INNOVATION CENTER(G2)
Issue Date: 09/20/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8C-740-U-66
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 6 distribution lens
Light Source: (128) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

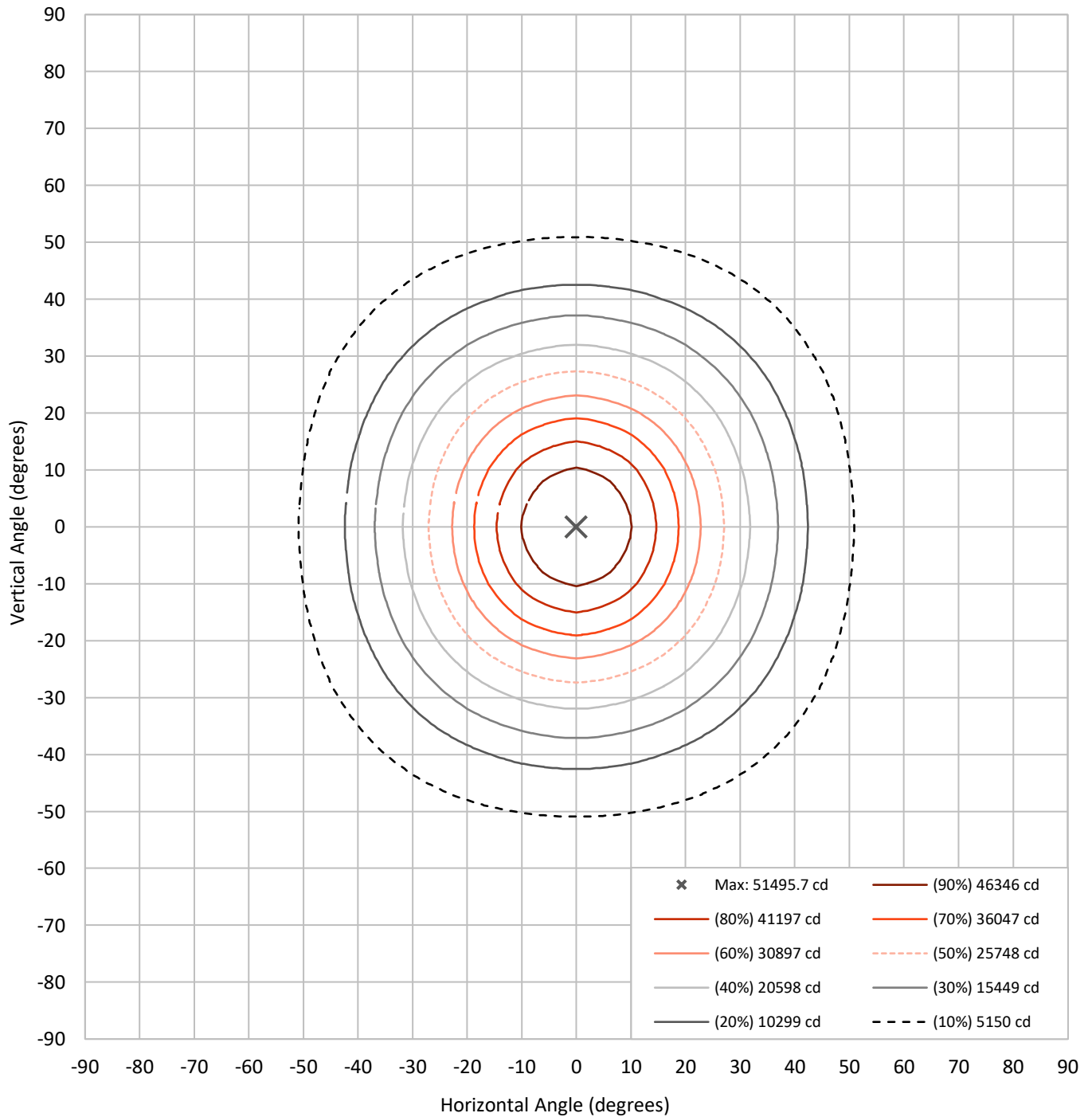
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	53409.6 lumens	Max Intensity:	51495.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	127.1 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:	25679.5 lumens	Field Lumens:	46872.1 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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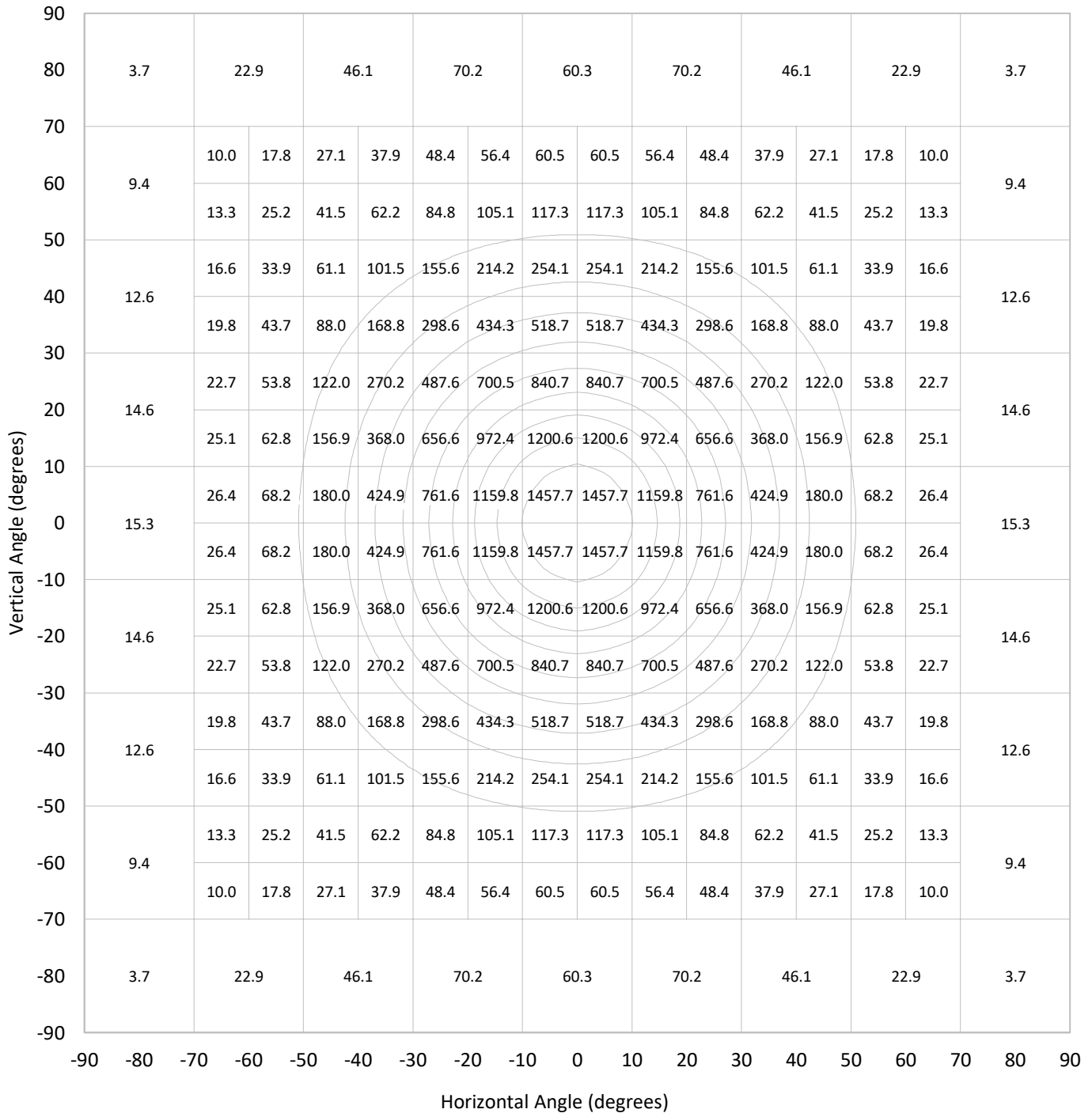
Iso-Candela Plot





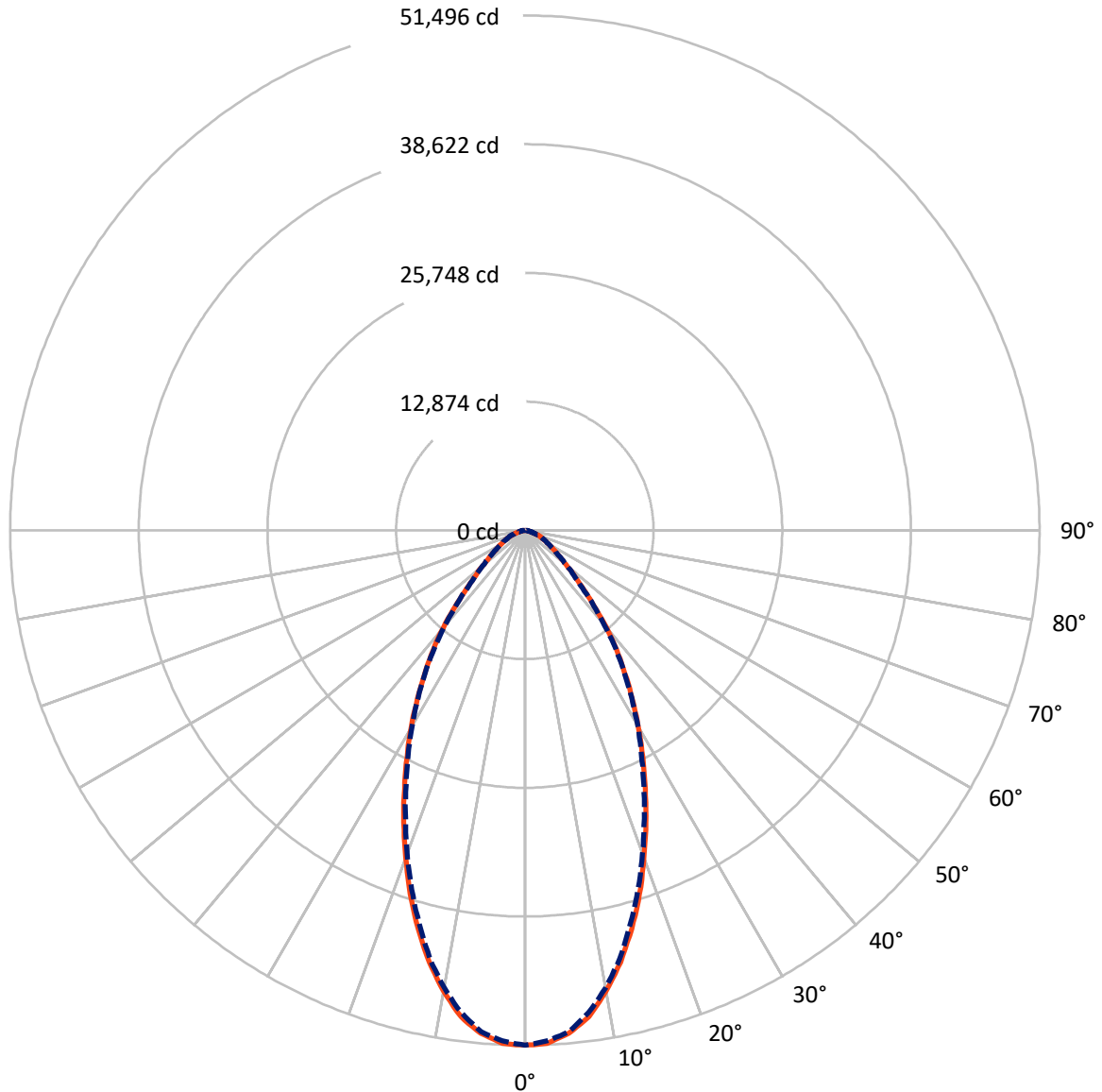
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Lumen Table



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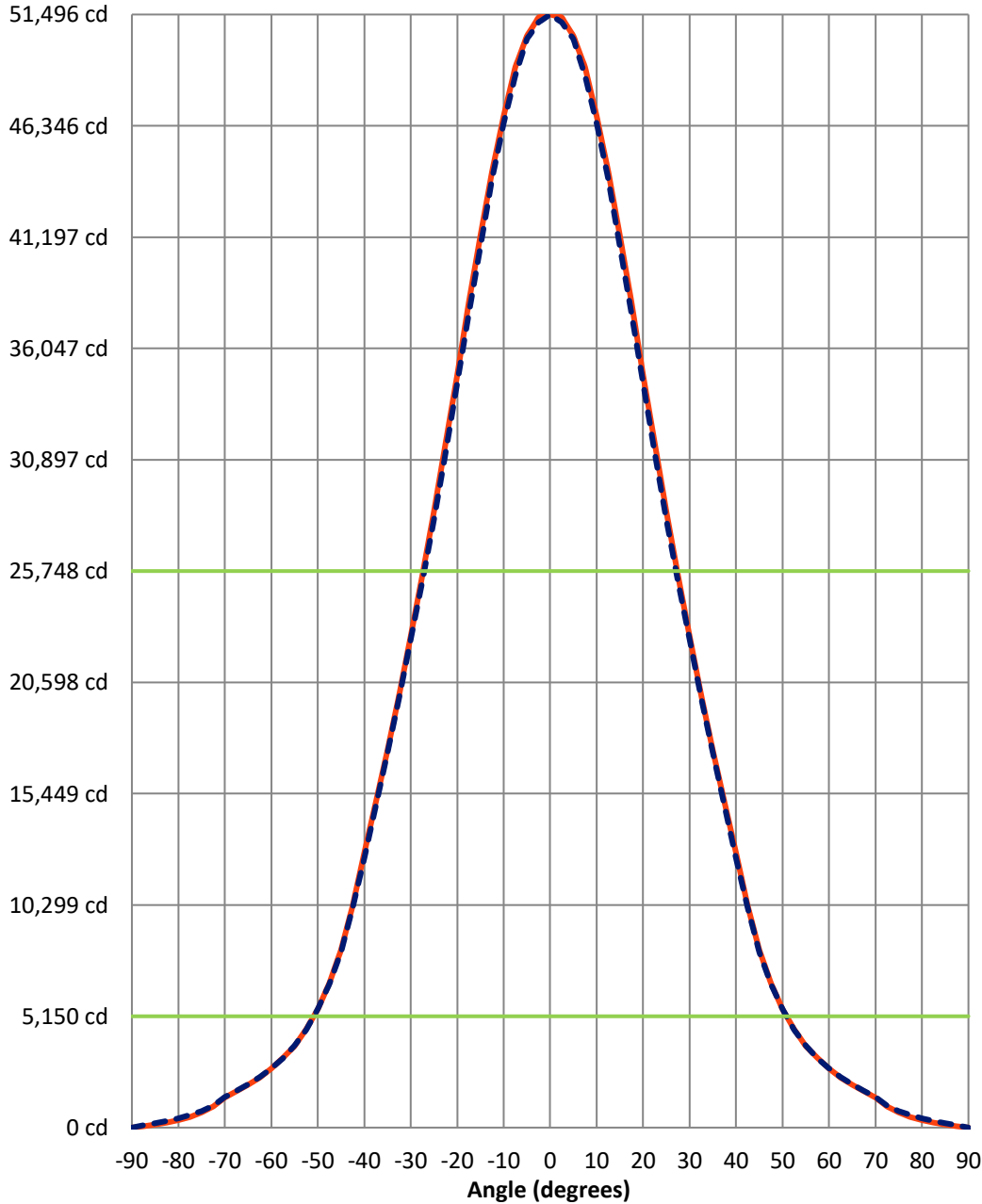
Luminous Intensity Polar Plot



— 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: 25679.5
Efficiency: 48.1%

Field:
H Angle: 101.7°
V Angle: 101.8°
Lumens: 46872.1
Efficiency: 87.8%

Spill:
Lumens: 6537.4
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	11	22	33	44	55	66	71	77	88
85°	0	11	22	38	60	88	115	132	143	159	170
82.5°	0	17	38	60	93	126	170	192	214	236	252
80°	0	22	49	82	121	170	225	252	280	307	329
77.5°	0	27	60	99	154	209	274	313	346	379	412
75°	0	33	71	121	181	241	318	368	412	455	505
72.5°	0	38	82	137	203	274	362	423	472	532	598
70°	0	44	93	159	225	307	406	472	532	604	658
67.5°	0	49	104	170	247	335	439	521	587	653	713
65°	0	49	115	181	263	362	466	565	637	702	774
62.5°	0	55	126	192	280	384	494	604	680	752	834
60°	0	60	132	203	302	406	527	642	719	807	894
57.5°	0	66	137	214	313	423	549	675	768	862	955
55°	0	71	148	225	324	444	571	708	812	911	1015
52.5°	0	71	154	231	340	461	593	730	856	966	1086
50°	0	77	159	236	351	477	609	757	900	1021	1147
47.5°	0	82	165	241	357	488	631	785	949	1076	1213
45°	0	82	170	247	368	505	648	801	982	1130	1273
42.5°	0	88	170	252	373	516	664	829	1010	1185	1339
40°	0	93	176	263	384	521	680	851	1043	1240	1399
37.5°	0	93	181	269	390	532	691	872	1076	1279	1454
35°	0	99	187	274	395	538	697	894	1103	1317	1514
32.5°	0	99	187	285	401	549	708	911	1136	1361	1569
30°	0	99	192	291	401	549	724	927	1163	1405	1624
27.5°	0	104	192	291	412	554	735	949	1191	1454	1679
25°	0	104	198	296	417	554	741	966	1224	1498	1728
22.5°	0	104	198	302	423	560	746	982	1257	1536	1783
20°	0	110	203	307	428	565	752	999	1290	1569	1827
17.5°	0	110	203	307	434	576	757	1010	1317	1602	1866
15°	0	115	203	307	434	582	768	1015	1344	1630	1904
12.5°	0	115	203	313	434	582	774	1026	1372	1657	1931
10°	0	110	209	313	434	587	779	1032	1388	1674	1959
7.5°	0	110	209	313	439	587	779	1032	1405	1690	1975
5°	0	110	203	313	434	593	779	1037	1427	1707	1992
2.5°	0	110	203	307	434	593	768	1026	1421	1707	2003
0°	0	110	203	307	434	593	768	1026	1421	1707	2003
-2.5°	0	110	203	307	434	593	768	1026	1421	1707	2003
-5°	0	110	203	313	434	593	779	1037	1427	1707	1992
-7.5°	0	110	209	313	439	587	779	1032	1405	1690	1975
-10°	0	110	209	313	434	587	779	1032	1388	1674	1959
-12.5°	0	115	203	313	434	582	774	1026	1372	1657	1931
-15°	0	115	203	307	434	582	768	1015	1344	1630	1904
-17.5°	0	110	203	307	434	576	757	1010	1317	1602	1866
-20°	0	110	203	307	428	565	752	999	1290	1569	1827



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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	104	198	302	423	560	746	982	1257	1536	1783
-25°	0	104	198	296	417	554	741	966	1224	1498	1728
-27.5°	0	104	192	291	412	554	735	949	1191	1454	1679
-30°	0	99	192	291	401	549	724	927	1163	1405	1624
-32.5°	0	99	187	285	401	549	708	911	1136	1361	1569
-35°	0	99	187	274	395	538	697	894	1103	1317	1514
-37.5°	0	93	181	269	390	532	691	872	1076	1279	1454
-40°	0	93	176	263	384	521	680	851	1043	1240	1399
-42.5°	0	88	170	252	373	516	664	829	1010	1185	1339
-45°	0	82	170	247	368	505	648	801	982	1130	1273
-47.5°	0	82	165	241	357	488	631	785	949	1076	1213
-50°	0	77	159	236	351	477	609	757	900	1021	1147
-52.5°	0	71	154	231	340	461	593	730	856	966	1086
-55°	0	71	148	225	324	444	571	708	812	911	1015
-57.5°	0	66	137	214	313	423	549	675	768	862	955
-60°	0	60	132	203	302	406	527	642	719	807	894
-62.5°	0	55	126	192	280	384	494	604	680	752	834
-65°	0	49	115	181	263	362	466	565	637	702	774
-67.5°	0	49	104	170	247	335	439	521	587	653	713
-70°	0	44	93	159	225	307	406	472	532	604	658
-72.5°	0	38	82	137	203	274	362	423	472	532	598
-75°	0	33	71	121	181	241	318	368	412	455	505
-77.5°	0	27	60	99	154	209	274	313	346	379	412
-80°	0	22	49	82	121	170	225	252	280	307	329
-82.5°	0	17	38	60	93	126	170	192	214	236	252
-85°	0	11	22	38	60	88	115	132	143	159	170
-87.5°	0	6	11	22	33	44	55	66	71	77	88
-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°	93	99	104	104	104	99	93	88	99	110	121
85°	181	198	203	214	209	198	192	181	203	225	252
82.5°	269	285	296	307	307	296	285	269	302	335	373
80°	351	373	395	412	412	395	379	357	395	444	494
77.5°	450	477	499	521	516	510	499	488	527	576	626
75°	549	587	604	626	637	631	631	642	686	746	801
72.5°	637	664	697	735	752	763	790	823	867	916	960
70°	708	741	785	823	856	889	927	971	1015	1065	1108
67.5°	774	823	867	916	960	1010	1059	1108	1158	1213	1268
65°	845	900	955	1010	1070	1130	1191	1246	1306	1377	1438
62.5°	916	977	1043	1108	1180	1251	1322	1394	1476	1553	1630
60°	982	1059	1136	1218	1300	1383	1460	1553	1652	1739	1838
57.5°	1048	1141	1229	1322	1416	1509	1619	1723	1838	1953	2063
55°	1119	1229	1328	1432	1536	1657	1778	1910	2036	2184	2321
52.5°	1196	1311	1427	1542	1674	1805	1948	2102	2266	2436	2606
50°	1273	1399	1525	1663	1811	1964	2135	2316	2513	2711	2919
47.5°	1344	1482	1635	1783	1953	2135	2332	2552	2771	3018	3281
45°	1421	1569	1734	1915	2102	2316	2552	2793	3073	3353	3660
42.5°	1498	1657	1844	2036	2266	2508	2766	3073	3386	3731	4104
40°	1564	1745	1953	2184	2431	2700	3018	3353	3737	4148	4609
37.5°	1641	1838	2063	2316	2601	2914	3281	3671	4115	4615	5169
35°	1712	1931	2178	2453	2771	3133	3545	4000	4516	5119	5794
32.5°	1783	2025	2288	2590	2941	3353	3819	4357	4966	5657	6502
30°	1855	2107	2392	2722	3117	3583	4121	4719	5421	6294	7298
27.5°	1921	2195	2502	2864	3287	3797	4406	5119	5948	6930	8104
25°	1986	2272	2606	2996	3468	4028	4691	5476	6469	7633	9026
22.5°	2047	2348	2700	3122	3632	4252	4999	5893	6985	8280	9921
20°	2107	2425	2798	3243	3775	4456	5279	6277	7517	9043	10864
17.5°	2156	2497	2892	3369	3951	4664	5536	6661	8000	9745	11775
15°	2206	2557	2974	3479	4104	4873	5816	6996	8510	10409	12565
12.5°	2244	2606	3045	3578	4236	5048	6058	7336	9004	11034	13251
10°	2272	2650	3100	3654	4346	5191	6255	7611	9405	11545	13822
7.5°	2299	2683	3144	3715	4428	5301	6409	7825	9712	11940	14261
5°	2321	2711	3177	3759	4483	5383	6524	7962	9932	12220	14574
2.5°	2338	2733	3204	3797	4527	5471	6628	8110	10140	12456	14853
0°	2338	2738	3204	3797	4521	5487	6645	8121	10168	12450	14892
-2.5°	2338	2733	3204	3797	4527	5471	6628	8110	10140	12456	14853
-5°	2321	2711	3177	3759	4483	5383	6524	7962	9932	12220	14574
-7.5°	2299	2683	3144	3715	4428	5301	6409	7825	9712	11940	14261
-10°	2272	2650	3100	3654	4346	5191	6255	7611	9405	11545	13822
-12.5°	2244	2606	3045	3578	4236	5048	6058	7336	9004	11034	13251
-15°	2206	2557	2974	3479	4104	4873	5816	6996	8510	10409	12565
-17.5°	2156	2497	2892	3369	3951	4664	5536	6661	8000	9745	11775
-20°	2107	2425	2798	3243	3775	4456	5279	6277	7517	9043	10864



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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°	2047	2348	2700	3122	3632	4252	4999	5893	6985	8280	9921
-25°	1986	2272	2606	2996	3468	4028	4691	5476	6469	7633	9026
-27.5°	1921	2195	2502	2864	3287	3797	4406	5119	5948	6930	8104
-30°	1855	2107	2392	2722	3117	3583	4121	4719	5421	6294	7298
-32.5°	1783	2025	2288	2590	2941	3353	3819	4357	4966	5657	6502
-35°	1712	1931	2178	2453	2771	3133	3545	4000	4516	5119	5794
-37.5°	1641	1838	2063	2316	2601	2914	3281	3671	4115	4615	5169
-40°	1564	1745	1953	2184	2431	2700	3018	3353	3737	4148	4609
-42.5°	1498	1657	1844	2036	2266	2508	2766	3073	3386	3731	4104
-45°	1421	1569	1734	1915	2102	2316	2552	2793	3073	3353	3660
-47.5°	1344	1482	1635	1783	1953	2135	2332	2552	2771	3018	3281
-50°	1273	1399	1525	1663	1811	1964	2135	2316	2513	2711	2919
-52.5°	1196	1311	1427	1542	1674	1805	1948	2102	2266	2436	2606
-55°	1119	1229	1328	1432	1536	1657	1778	1910	2036	2184	2321
-57.5°	1048	1141	1229	1322	1416	1509	1619	1723	1838	1953	2063
-60°	982	1059	1136	1218	1300	1383	1460	1553	1652	1739	1838
-62.5°	916	977	1043	1108	1180	1251	1322	1394	1476	1553	1630
-65°	845	900	955	1010	1070	1130	1191	1246	1306	1377	1438
-67.5°	774	823	867	916	960	1010	1059	1108	1158	1213	1268
-70°	708	741	785	823	856	889	927	971	1015	1065	1108
-72.5°	637	664	697	735	752	763	790	823	867	916	960
-75°	549	587	604	626	637	631	631	642	686	746	801
-77.5°	450	477	499	521	516	510	499	488	527	576	626
-80°	351	373	395	412	412	395	379	357	395	444	494
-82.5°	269	285	296	307	307	296	285	269	302	335	373
-85°	181	198	203	214	209	198	192	181	203	225	252
-87.5°	93	99	104	104	104	99	93	88	99	110	121
-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°	137	137	137	137	132	137	137	143	148	132	115
85°	274	280	280	280	280	280	280	280	280	252	225
82.5°	412	428	439	455	466	466	461	455	444	401	351
80°	543	571	587	604	620	615	609	598	593	538	483
77.5°	675	708	730	746	763	768	763	763	757	708	648
75°	845	872	894	916	938	949	955	955	955	911	856
72.5°	999	1032	1065	1097	1125	1141	1158	1169	1180	1158	1125
70°	1158	1196	1235	1273	1311	1339	1361	1383	1394	1399	1399
67.5°	1322	1372	1421	1471	1514	1553	1580	1608	1630	1652	1663
65°	1503	1569	1630	1685	1734	1783	1822	1860	1893	1921	1937
62.5°	1707	1783	1855	1926	1981	2041	2102	2156	2200	2239	2266
60°	1931	2025	2113	2200	2288	2359	2436	2502	2557	2606	2650
57.5°	2184	2299	2409	2524	2623	2716	2809	2903	2985	3051	3106
55°	2464	2606	2749	2886	3023	3150	3270	3391	3501	3589	3665
52.5°	2787	2958	3139	3309	3495	3660	3814	3978	4126	4258	4368
50°	3133	3353	3589	3808	4049	4280	4488	4697	4905	5087	5235
47.5°	3539	3803	4110	4412	4708	5021	5311	5586	5871	6113	6316
45°	3978	4346	4708	5114	5487	5910	6310	6711	7062	7413	7709
42.5°	4499	4960	5421	5942	6453	6985	7550	8055	8582	9098	9526
40°	5119	5663	6299	6925	7633	8302	9103	9811	10480	11133	11687
37.5°	5800	6519	7303	8099	9059	10003	10941	11830	12626	13355	13937
35°	6584	7490	8423	9580	10722	11874	12949	13959	14864	15605	16220
32.5°	7484	8554	9844	11188	12510	13789	15073	16072	17015	17860	18585
30°	8439	9833	11336	12840	14283	15671	16966	18168	19265	20214	21026
27.5°	9558	11172	12845	14458	16006	17504	18974	20346	21548	22546	23556
25°	10667	12516	14305	16011	17685	19358	20977	22519	23923	25147	26239
22.5°	11836	13767	15655	17465	19364	21185	22958	24714	26327	27737	28966
20°	12917	14991	16917	18936	20993	22969	24961	26859	28659	30360	31759
17.5°	13882	15995	18096	20225	22469	24708	26870	28928	30980	32961	34705
15°	14744	16960	19117	21438	23858	26266	28675	30941	33251	35446	37400
12.5°	15506	17794	20088	22557	25087	27594	30234	32867	35430	37795	39913
10°	16137	18513	20971	23528	26157	28807	31649	34574	37317	39830	42135
7.5°	16615	19056	21624	24280	27051	29888	32856	35836	38738	41438	43852
5°	16955	19419	22058	24768	27655	30618	33784	36961	39924	42717	45186
2.5°	17262	19742	22431	25037	27978	31051	34223	37515	40544	43413	46162
0°	17345	19874	22590	25268	28127	31210	34442	37658	40763	43880	46464
-2.5°	17262	19742	22431	25037	27978	31051	34223	37515	40544	43413	46162
-5°	16955	19419	22058	24768	27655	30618	33784	36961	39924	42717	45186
-7.5°	16615	19056	21624	24280	27051	29888	32856	35836	38738	41438	43852
-10°	16137	18513	20971	23528	26157	28807	31649	34574	37317	39830	42135
-12.5°	15506	17794	20088	22557	25087	27594	30234	32867	35430	37795	39913
-15°	14744	16960	19117	21438	23858	26266	28675	30941	33251	35446	37400
-17.5°	13882	15995	18096	20225	22469	24708	26870	28928	30980	32961	34705
-20°	12917	14991	16917	18936	20993	22969	24961	26859	28659	30360	31759



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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°	11836	13767	15655	17465	19364	21185	22958	24714	26327	27737	28966
-25°	10667	12516	14305	16011	17685	19358	20977	22519	23923	25147	26239
-27.5°	9558	11172	12845	14458	16006	17504	18974	20346	21548	22546	23556
-30°	8439	9833	11336	12840	14283	15671	16966	18168	19265	20214	21026
-32.5°	7484	8554	9844	11188	12510	13789	15073	16072	17015	17860	18585
-35°	6584	7490	8423	9580	10722	11874	12949	13959	14864	15605	16220
-37.5°	5800	6519	7303	8099	9059	10003	10941	11830	12626	13355	13937
-40°	5119	5663	6299	6925	7633	8302	9103	9811	10480	11133	11687
-42.5°	4499	4960	5421	5942	6453	6985	7550	8055	8582	9098	9526
-45°	3978	4346	4708	5114	5487	5910	6310	6711	7062	7413	7709
-47.5°	3539	3803	4110	4412	4708	5021	5311	5586	5871	6113	6316
-50°	3133	3353	3589	3808	4049	4280	4488	4697	4905	5087	5235
-52.5°	2787	2958	3139	3309	3495	3660	3814	3978	4126	4258	4368
-55°	2464	2606	2749	2886	3023	3150	3270	3391	3501	3589	3665
-57.5°	2184	2299	2409	2524	2623	2716	2809	2903	2985	3051	3106
-60°	1931	2025	2113	2200	2288	2359	2436	2502	2557	2606	2650
-62.5°	1707	1783	1855	1926	1981	2041	2102	2156	2200	2239	2266
-65°	1503	1569	1630	1685	1734	1783	1822	1860	1893	1921	1937
-67.5°	1322	1372	1421	1471	1514	1553	1580	1608	1630	1652	1663
-70°	1158	1196	1235	1273	1311	1339	1361	1383	1394	1399	1399
-72.5°	999	1032	1065	1097	1125	1141	1158	1169	1180	1158	1125
-75°	845	872	894	916	938	949	955	955	955	911	856
-77.5°	675	708	730	746	763	768	763	763	757	708	648
-80°	543	571	587	604	620	615	609	598	593	538	483
-82.5°	412	428	439	455	466	466	461	455	444	401	351
-85°	274	280	280	280	280	280	280	280	280	252	225
-87.5°	137	137	137	137	132	137	137	143	148	132	115
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P622229
 CATALOG NUMBER: IFLD-L-SA8C-740-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°	93	77	71	60	71	77	93	115	132	148	143
85°	192	159	154	143	154	159	192	225	252	280	280
82.5°	307	252	241	231	241	252	307	351	401	444	455
80°	434	368	357	346	357	368	434	483	538	593	598
77.5°	587	527	505	488	505	527	587	648	708	757	763
75°	796	735	719	702	719	735	796	856	911	955	955
72.5°	1086	1059	1015	977	1015	1059	1086	1125	1158	1180	1169
70°	1405	1416	1405	1388	1405	1416	1405	1399	1399	1394	1383
67.5°	1668	1679	1679	1685	1679	1679	1668	1663	1652	1630	1608
65°	1953	1959	1975	1981	1975	1959	1953	1937	1921	1893	1860
62.5°	2283	2299	2310	2310	2310	2299	2283	2266	2239	2200	2156
60°	2678	2700	2727	2733	2727	2700	2678	2650	2606	2557	2502
57.5°	3150	3177	3215	3226	3215	3177	3150	3106	3051	2985	2903
55°	3720	3759	3781	3770	3781	3759	3720	3665	3589	3501	3391
52.5°	4461	4527	4571	4549	4571	4527	4461	4368	4258	4126	3978
50°	5355	5438	5493	5476	5493	5438	5355	5235	5087	4905	4697
47.5°	6475	6590	6683	6689	6683	6590	6475	6316	6113	5871	5586
45°	7945	8115	8242	8220	8242	8115	7945	7709	7413	7062	6711
42.5°	9855	10091	10277	10261	10277	10091	9855	9526	9098	8582	8055
40°	12099	12390	12637	12703	12637	12390	12099	11687	11133	10480	9811
37.5°	14409	14782	15095	15062	15095	14782	14409	13937	13355	12626	11830
35°	16730	17120	17427	17454	17427	17120	16730	16220	15605	14864	13959
32.5°	19161	19594	19956	20006	19956	19594	19161	18585	17860	17015	16072
30°	21696	22217	22650	22738	22650	22217	21696	21026	20214	19265	18168
27.5°	24362	24982	25394	25553	25394	24982	24362	23556	22546	21548	20346
25°	27111	27786	28247	28505	28247	27786	27111	26239	25147	23923	22519
22.5°	29981	30782	31380	31666	31380	30782	29981	28966	27737	26327	24714
20°	32944	33817	34513	34810	34513	33817	32944	31759	30360	28659	26859
17.5°	35962	37026	37800	38179	37800	37026	35962	34705	32961	30980	28928
15°	38892	40022	40862	41268	40862	40022	38892	37400	35446	33251	30941
12.5°	41608	42804	43644	44231	43644	42804	41608	39913	37795	35430	32867
10°	44033	45339	46190	46799	46190	45339	44033	42135	39830	37317	34574
7.5°	45850	47501	48461	49060	48461	47501	45850	43852	41438	38738	35836
5°	47243	49065	49937	50503	49937	49065	47243	45186	42717	39924	36961
2.5°	48264	49702	50793	51359	50793	49702	48264	46162	43413	40544	37515
0°	48664	50354	51128	51496	51128	50354	48664	46464	43880	40763	37658
-2.5°	48264	49702	50793	51359	50793	49702	48264	46162	43413	40544	37515
-5°	47243	49065	49937	50503	49937	49065	47243	45186	42717	39924	36961
-7.5°	45850	47501	48461	49060	48461	47501	45850	43852	41438	38738	35836
-10°	44033	45339	46190	46799	46190	45339	44033	42135	39830	37317	34574
-12.5°	41608	42804	43644	44231	43644	42804	41608	39913	37795	35430	32867
-15°	38892	40022	40862	41268	40862	40022	38892	37400	35446	33251	30941
-17.5°	35962	37026	37800	38179	37800	37026	35962	34705	32961	30980	28928
-20°	32944	33817	34513	34810	34513	33817	32944	31759	30360	28659	26859



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CATALOG NUMBER: IFLD-L-SA8C-740-U-66

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	29981	30782	31380	31666	31380	30782	29981	28966	27737	26327	24714
-25°	27111	27786	28247	28505	28247	27786	27111	26239	25147	23923	22519
-27.5°	24362	24982	25394	25553	25394	24982	24362	23556	22546	21548	20346
-30°	21696	22217	22650	22738	22650	22217	21696	21026	20214	19265	18168
-32.5°	19161	19594	19956	20006	19956	19594	19161	18585	17860	17015	16072
-35°	16730	17120	17427	17454	17427	17120	16730	16220	15605	14864	13959
-37.5°	14409	14782	15095	15062	15095	14782	14409	13937	13355	12626	11830
-40°	12099	12390	12637	12703	12637	12390	12099	11687	11133	10480	9811
-42.5°	9855	10091	10277	10261	10277	10091	9855	9526	9098	8582	8055
-45°	7945	8115	8242	8220	8242	8115	7945	7709	7413	7062	6711
-47.5°	6475	6590	6683	6689	6683	6590	6475	6316	6113	5871	5586
-50°	5355	5438	5493	5476	5493	5438	5355	5235	5087	4905	4697
-52.5°	4461	4527	4571	4549	4571	4527	4461	4368	4258	4126	3978
-55°	3720	3759	3781	3770	3781	3759	3720	3665	3589	3501	3391
-57.5°	3150	3177	3215	3226	3215	3177	3150	3106	3051	2985	2903
-60°	2678	2700	2727	2733	2727	2700	2678	2650	2606	2557	2502
-62.5°	2283	2299	2310	2310	2310	2299	2283	2266	2239	2200	2156
-65°	1953	1959	1975	1981	1975	1959	1953	1937	1921	1893	1860
-67.5°	1668	1679	1679	1685	1679	1679	1668	1663	1652	1630	1608
-70°	1405	1416	1405	1388	1405	1416	1405	1399	1399	1394	1383
-72.5°	1086	1059	1015	977	1015	1059	1086	1125	1158	1180	1169
-75°	796	735	719	702	719	735	796	856	911	955	955
-77.5°	587	527	505	488	505	527	587	648	708	757	763
-80°	434	368	357	346	357	368	434	483	538	593	598
-82.5°	307	252	241	231	241	252	307	351	401	444	455
-85°	192	159	154	143	154	159	192	225	252	280	280
-87.5°	93	77	71	60	71	77	93	115	132	148	143
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P622229
 CATALOG NUMBER: IFLD-L-SA8C-740-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°	137	137	132	137	137	137	137	121	110	99	88
85°	280	280	280	280	280	280	274	252	225	203	181
82.5°	461	466	466	455	439	428	412	373	335	302	269
80°	609	615	620	604	587	571	543	494	444	395	357
77.5°	763	768	763	746	730	708	675	626	576	527	488
75°	955	949	938	916	894	872	845	801	746	686	642
72.5°	1158	1141	1125	1097	1065	1032	999	960	916	867	823
70°	1361	1339	1311	1273	1235	1196	1158	1108	1065	1015	971
67.5°	1580	1553	1514	1471	1421	1372	1322	1268	1213	1158	1108
65°	1822	1783	1734	1685	1630	1569	1503	1438	1377	1306	1246
62.5°	2102	2041	1981	1926	1855	1783	1707	1630	1553	1476	1394
60°	2436	2359	2288	2200	2113	2025	1931	1838	1739	1652	1553
57.5°	2809	2716	2623	2524	2409	2299	2184	2063	1953	1838	1723
55°	3270	3150	3023	2886	2749	2606	2464	2321	2184	2036	1910
52.5°	3814	3660	3495	3309	3139	2958	2787	2606	2436	2266	2102
50°	4488	4280	4049	3808	3589	3353	3133	2919	2711	2513	2316
47.5°	5311	5021	4708	4412	4110	3803	3539	3281	3018	2771	2552
45°	6310	5910	5487	5114	4708	4346	3978	3660	3353	3073	2793
42.5°	7550	6985	6453	5942	5421	4960	4499	4104	3731	3386	3073
40°	9103	8302	7633	6925	6299	5663	5119	4609	4148	3737	3353
37.5°	10941	10003	9059	8099	7303	6519	5800	5169	4615	4115	3671
35°	12949	11874	10722	9580	8423	7490	6584	5794	5119	4516	4000
32.5°	15073	13789	12510	11188	9844	8554	7484	6502	5657	4966	4357
30°	16966	15671	14283	12840	11336	9833	8439	7298	6294	5421	4719
27.5°	18974	17504	16006	14458	12845	11172	9558	8104	6930	5948	5119
25°	20977	19358	17685	16011	14305	12516	10667	9026	7633	6469	5476
22.5°	22958	21185	19364	17465	15655	13767	11836	9921	8280	6985	5893
20°	24961	22969	20993	18936	16917	14991	12917	10864	9043	7517	6277
17.5°	26870	24708	22469	20225	18096	15995	13882	11775	9745	8000	6661
15°	28675	26266	23858	21438	19117	16960	14744	12565	10409	8510	6996
12.5°	30234	27594	25087	22557	20088	17794	15506	13251	11034	9004	7336
10°	31649	28807	26157	23528	20971	18513	16137	13822	11545	9405	7611
7.5°	32856	29888	27051	24280	21624	19056	16615	14261	11940	9712	7825
5°	33784	30618	27655	24768	22058	19419	16955	14574	12220	9932	7962
2.5°	34223	31051	27978	25037	22431	19742	17262	14853	12456	10140	8110
0°	34442	31210	28127	25268	22590	19874	17345	14892	12450	10168	8121
-2.5°	34223	31051	27978	25037	22431	19742	17262	14853	12456	10140	8110
-5°	33784	30618	27655	24768	22058	19419	16955	14574	12220	9932	7962
-7.5°	32856	29888	27051	24280	21624	19056	16615	14261	11940	9712	7825
-10°	31649	28807	26157	23528	20971	18513	16137	13822	11545	9405	7611
-12.5°	30234	27594	25087	22557	20088	17794	15506	13251	11034	9004	7336
-15°	28675	26266	23858	21438	19117	16960	14744	12565	10409	8510	6996
-17.5°	26870	24708	22469	20225	18096	15995	13882	11775	9745	8000	6661
-20°	24961	22969	20993	18936	16917	14991	12917	10864	9043	7517	6277



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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°	22958	21185	19364	17465	15655	13767	11836	9921	8280	6985	5893
-25°	20977	19358	17685	16011	14305	12516	10667	9026	7633	6469	5476
-27.5°	18974	17504	16006	14458	12845	11172	9558	8104	6930	5948	5119
-30°	16966	15671	14283	12840	11336	9833	8439	7298	6294	5421	4719
-32.5°	15073	13789	12510	11188	9844	8554	7484	6502	5657	4966	4357
-35°	12949	11874	10722	9580	8423	7490	6584	5794	5119	4516	4000
-37.5°	10941	10003	9059	8099	7303	6519	5800	5169	4615	4115	3671
-40°	9103	8302	7633	6925	6299	5663	5119	4609	4148	3737	3353
-42.5°	7550	6985	6453	5942	5421	4960	4499	4104	3731	3386	3073
-45°	6310	5910	5487	5114	4708	4346	3978	3660	3353	3073	2793
-47.5°	5311	5021	4708	4412	4110	3803	3539	3281	3018	2771	2552
-50°	4488	4280	4049	3808	3589	3353	3133	2919	2711	2513	2316
-52.5°	3814	3660	3495	3309	3139	2958	2787	2606	2436	2266	2102
-55°	3270	3150	3023	2886	2749	2606	2464	2321	2184	2036	1910
-57.5°	2809	2716	2623	2524	2409	2299	2184	2063	1953	1838	1723
-60°	2436	2359	2288	2200	2113	2025	1931	1838	1739	1652	1553
-62.5°	2102	2041	1981	1926	1855	1783	1707	1630	1553	1476	1394
-65°	1822	1783	1734	1685	1630	1569	1503	1438	1377	1306	1246
-67.5°	1580	1553	1514	1471	1421	1372	1322	1268	1213	1158	1108
-70°	1361	1339	1311	1273	1235	1196	1158	1108	1065	1015	971
-72.5°	1158	1141	1125	1097	1065	1032	999	960	916	867	823
-75°	955	949	938	916	894	872	845	801	746	686	642
-77.5°	763	768	763	746	730	708	675	626	576	527	488
-80°	609	615	620	604	587	571	543	494	444	395	357
-82.5°	461	466	466	455	439	428	412	373	335	302	269
-85°	280	280	280	280	280	280	274	252	225	203	181
-87.5°	137	137	132	137	137	137	137	121	110	99	88
-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°	93	99	104	104	104	99	93	88	77	71	66
85°	192	198	209	214	203	198	181	170	159	143	132
82.5°	285	296	307	307	296	285	269	252	236	214	192
80°	379	395	412	412	395	373	351	329	307	280	252
77.5°	499	510	516	521	499	477	450	412	379	346	313
75°	631	631	637	626	604	587	549	505	455	412	368
72.5°	790	763	752	735	697	664	637	598	532	472	423
70°	927	889	856	823	785	741	708	658	604	532	472
67.5°	1059	1010	960	916	867	823	774	713	653	587	521
65°	1191	1130	1070	1010	955	900	845	774	702	637	565
62.5°	1322	1251	1180	1108	1043	977	916	834	752	680	604
60°	1460	1383	1300	1218	1136	1059	982	894	807	719	642
57.5°	1619	1509	1416	1322	1229	1141	1048	955	862	768	675
55°	1778	1657	1536	1432	1328	1229	1119	1015	911	812	708
52.5°	1948	1805	1674	1542	1427	1311	1196	1086	966	856	730
50°	2135	1964	1811	1663	1525	1399	1273	1147	1021	900	757
47.5°	2332	2135	1953	1783	1635	1482	1344	1213	1076	949	785
45°	2552	2316	2102	1915	1734	1569	1421	1273	1130	982	801
42.5°	2766	2508	2266	2036	1844	1657	1498	1339	1185	1010	829
40°	3018	2700	2431	2184	1953	1745	1564	1399	1240	1043	851
37.5°	3281	2914	2601	2316	2063	1838	1641	1454	1279	1076	872
35°	3545	3133	2771	2453	2178	1931	1712	1514	1317	1103	894
32.5°	3819	3353	2941	2590	2288	2025	1783	1569	1361	1136	911
30°	4121	3583	3117	2722	2392	2107	1855	1624	1405	1163	927
27.5°	4406	3797	3287	2864	2502	2195	1921	1679	1454	1191	949
25°	4691	4028	3468	2996	2606	2272	1986	1728	1498	1224	966
22.5°	4999	4252	3632	3122	2700	2348	2047	1783	1536	1257	982
20°	5279	4456	3775	3243	2798	2425	2107	1827	1569	1290	999
17.5°	5536	4664	3951	3369	2892	2497	2156	1866	1602	1317	1010
15°	5816	4873	4104	3479	2974	2557	2206	1904	1630	1344	1015
12.5°	6058	5048	4236	3578	3045	2606	2244	1931	1657	1372	1026
10°	6255	5191	4346	3654	3100	2650	2272	1959	1674	1388	1032
7.5°	6409	5301	4428	3715	3144	2683	2299	1975	1690	1405	1032
5°	6524	5383	4483	3759	3177	2711	2321	1992	1707	1427	1037
2.5°	6628	5471	4527	3797	3204	2733	2338	2003	1707	1421	1026
0°	6645	5487	4521	3797	3204	2738	2338	2003	1701	1416	1015
-2.5°	6628	5471	4527	3797	3204	2733	2338	2003	1707	1421	1026
-5°	6524	5383	4483	3759	3177	2711	2321	1992	1707	1427	1037
-7.5°	6409	5301	4428	3715	3144	2683	2299	1975	1690	1405	1032
-10°	6255	5191	4346	3654	3100	2650	2272	1959	1674	1388	1032
-12.5°	6058	5048	4236	3578	3045	2606	2244	1931	1657	1372	1026
-15°	5816	4873	4104	3479	2974	2557	2206	1904	1630	1344	1015
-17.5°	5536	4664	3951	3369	2892	2497	2156	1866	1602	1317	1010
-20°	5279	4456	3775	3243	2798	2425	2107	1827	1569	1290	999



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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°	4999	4252	3632	3122	2700	2348	2047	1783	1536	1257	982
-25°	4691	4028	3468	2996	2606	2272	1986	1728	1498	1224	966
-27.5°	4406	3797	3287	2864	2502	2195	1921	1679	1454	1191	949
-30°	4121	3583	3117	2722	2392	2107	1855	1624	1405	1163	927
-32.5°	3819	3353	2941	2590	2288	2025	1783	1569	1361	1136	911
-35°	3545	3133	2771	2453	2178	1931	1712	1514	1317	1103	894
-37.5°	3281	2914	2601	2316	2063	1838	1641	1454	1279	1076	872
-40°	3018	2700	2431	2184	1953	1745	1564	1399	1240	1043	851
-42.5°	2766	2508	2266	2036	1844	1657	1498	1339	1185	1010	829
-45°	2552	2316	2102	1915	1734	1569	1421	1273	1130	982	801
-47.5°	2332	2135	1953	1783	1635	1482	1344	1213	1076	949	785
-50°	2135	1964	1811	1663	1525	1399	1273	1147	1021	900	757
-52.5°	1948	1805	1674	1542	1427	1311	1196	1086	966	856	730
-55°	1778	1657	1536	1432	1328	1229	1119	1015	911	812	708
-57.5°	1619	1509	1416	1322	1229	1141	1048	955	862	768	675
-60°	1460	1383	1300	1218	1136	1059	982	894	807	719	642
-62.5°	1322	1251	1180	1108	1043	977	916	834	752	680	604
-65°	1191	1130	1070	1010	955	900	845	774	702	637	565
-67.5°	1059	1010	960	916	867	823	774	713	653	587	521
-70°	927	889	856	823	785	741	708	658	604	532	472
-72.5°	790	763	752	735	697	664	637	598	532	472	423
-75°	631	631	637	626	604	587	549	505	455	412	368
-77.5°	499	510	516	521	499	477	450	412	379	346	313
-80°	379	395	412	412	395	373	351	329	307	280	252
-82.5°	285	296	307	307	296	285	269	252	236	214	192
-85°	192	198	209	214	203	198	181	170	159	143	132
-87.5°	93	99	104	104	104	99	93	88	77	71	66
-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°	55	44	33	22	11	6	0
85°	115	88	60	38	22	11	0
82.5°	170	126	93	60	38	17	0
80°	225	170	121	82	49	22	0
77.5°	274	209	154	99	60	27	0
75°	318	241	181	121	71	33	0
72.5°	362	274	203	137	82	38	0
70°	406	307	225	159	93	44	0
67.5°	439	335	247	170	104	49	0
65°	466	362	263	181	115	49	0
62.5°	494	384	280	192	126	55	0
60°	527	406	302	203	132	60	0
57.5°	549	423	313	214	137	66	0
55°	571	444	324	225	148	71	0
52.5°	593	461	340	231	154	71	0
50°	609	477	351	236	159	77	0
47.5°	631	488	357	241	165	82	0
45°	648	505	368	247	170	82	0
42.5°	664	516	373	252	170	88	0
40°	680	521	384	263	176	93	0
37.5°	691	532	390	269	181	93	0
35°	697	538	395	274	187	99	0
32.5°	708	549	401	285	187	99	0
30°	724	549	401	291	192	99	0
27.5°	735	554	412	291	192	104	0
25°	741	554	417	296	198	104	0
22.5°	746	560	423	302	198	104	0
20°	752	565	428	307	203	110	0
17.5°	757	576	434	307	203	110	0
15°	768	582	434	307	203	115	0
12.5°	774	582	434	313	203	115	0
10°	779	587	434	313	209	110	0
7.5°	779	587	439	313	209	110	0
5°	779	593	434	313	203	110	0
2.5°	768	593	434	307	203	110	0
0°	763	587	428	307	203	110	0
-2.5°	768	593	434	307	203	110	0
-5°	779	593	434	313	203	110	0
-7.5°	779	587	439	313	209	110	0
-10°	779	587	434	313	209	110	0
-12.5°	774	582	434	313	203	115	0
-15°	768	582	434	307	203	115	0
-17.5°	757	576	434	307	203	110	0
-20°	752	565	428	307	203	110	0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	746	560	423	302	198	104	0
-25°	741	554	417	296	198	104	0
-27.5°	735	554	412	291	192	104	0
-30°	724	549	401	291	192	99	0
-32.5°	708	549	401	285	187	99	0
-35°	697	538	395	274	187	99	0
-37.5°	691	532	390	269	181	93	0
-40°	680	521	384	263	176	93	0
-42.5°	664	516	373	252	170	88	0
-45°	648	505	368	247	170	82	0
-47.5°	631	488	357	241	165	82	0
-50°	609	477	351	236	159	77	0
-52.5°	593	461	340	231	154	71	0
-55°	571	444	324	225	148	71	0
-57.5°	549	423	313	214	137	66	0
-60°	527	406	302	203	132	60	0
-62.5°	494	384	280	192	126	55	0
-65°	466	362	263	181	115	49	0
-67.5°	439	335	247	170	104	49	0
-70°	406	307	225	159	93	44	0
-72.5°	362	274	203	137	82	38	0
-75°	318	241	181	121	71	33	0
-77.5°	274	209	154	99	60	27	0
-80°	225	170	121	82	49	22	0
-82.5°	170	126	93	60	38	17	0
-85°	115	88	60	38	22	11	0
-87.5°	55	44	33	22	11	6	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)