

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: P622200

Luminaire Tested: **IFLD-L-SA8C-735-U-66**

Issue Date: 09/20/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P622200  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 09/20/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA8C-735-U-66  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 6 distribution lens  
Light Source: (128) 3500K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

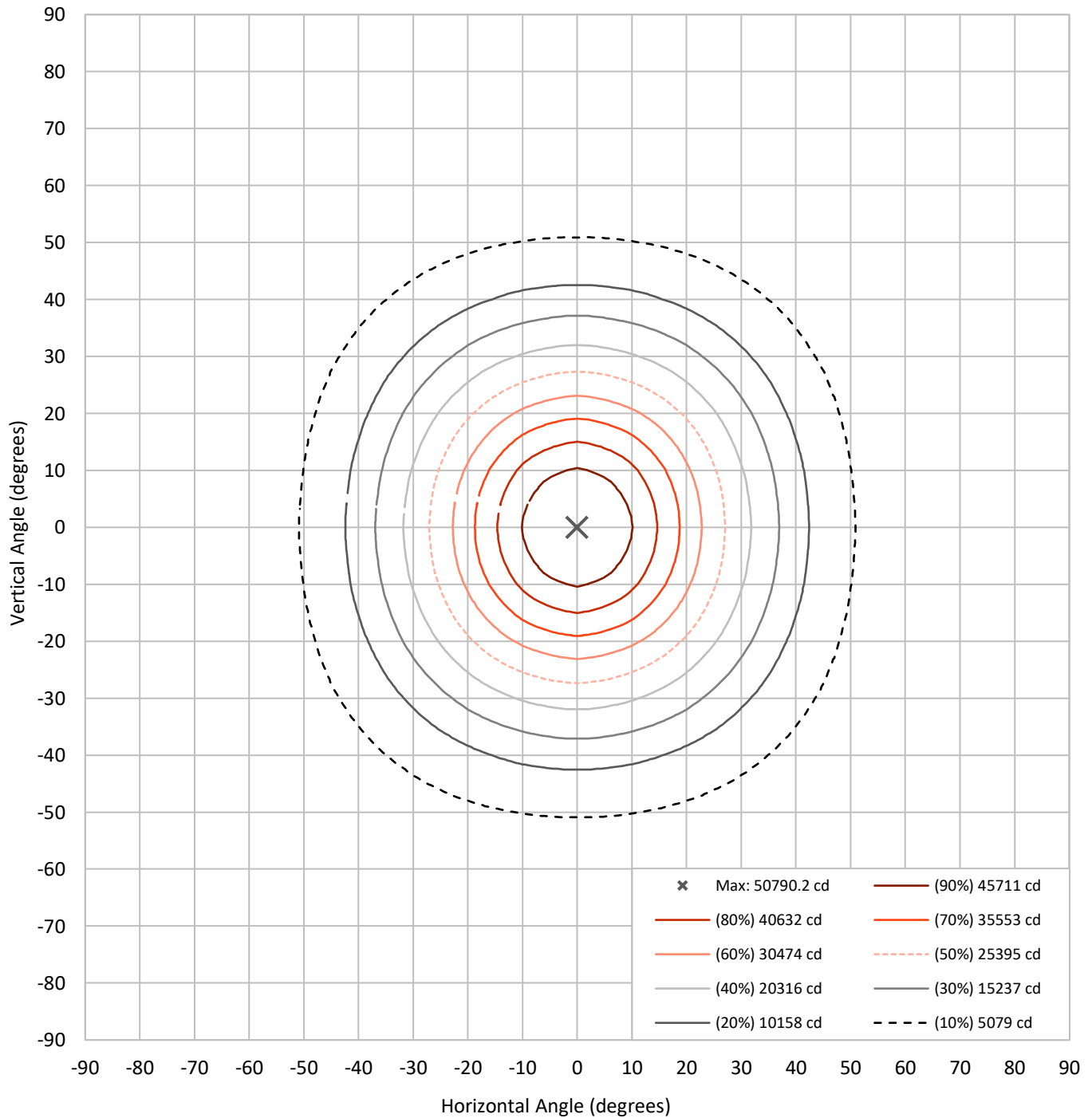
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	52677.8 lumens	Max Intensity:	50790.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	125.3 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	54.2°H x 54.7°V	Field Angle (10%):	101.7°H x 101.8°V
Beam Lumens:	25327.7 lumens	Field Lumens:	46230 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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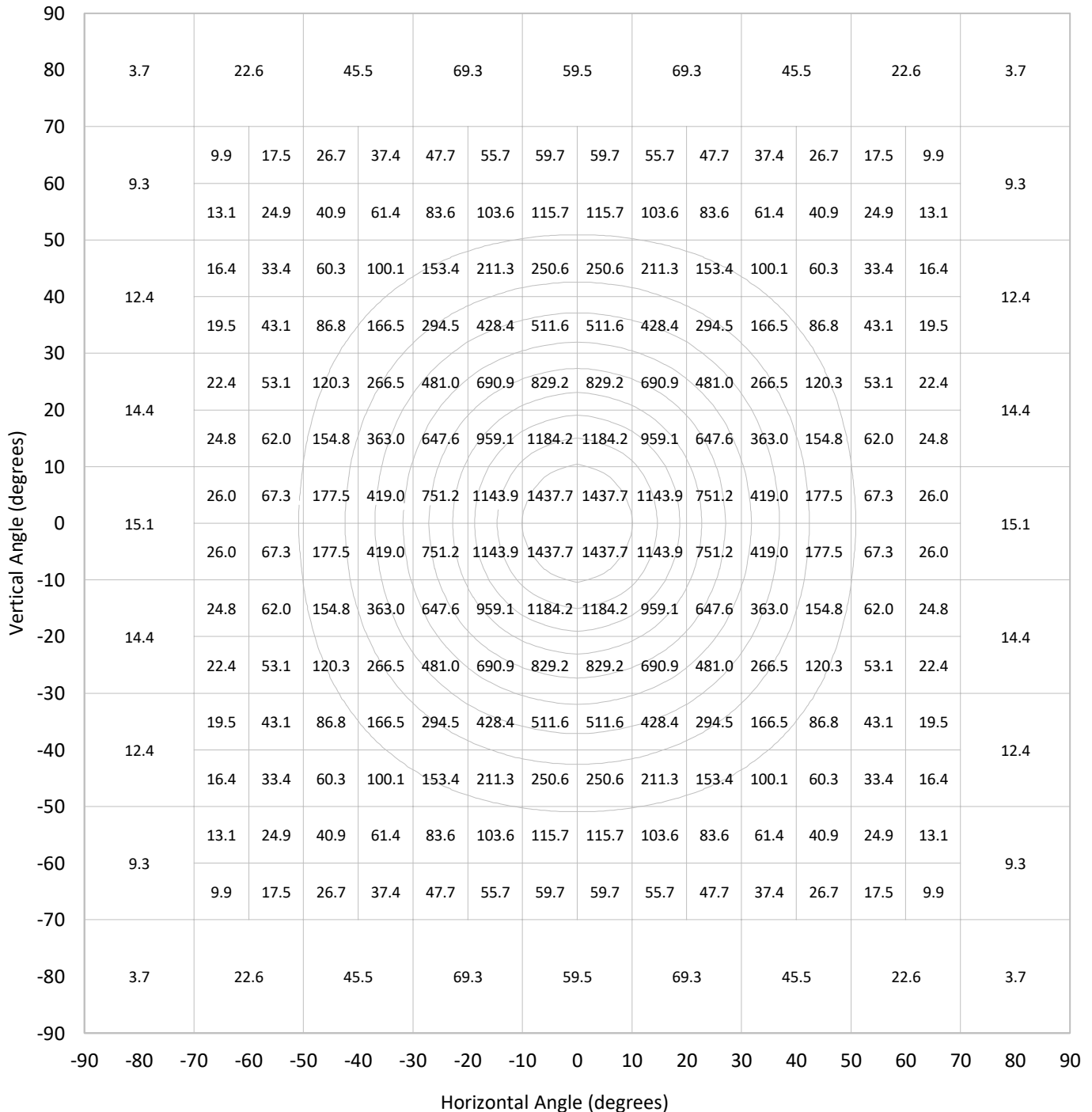
### Iso-Candela Plot





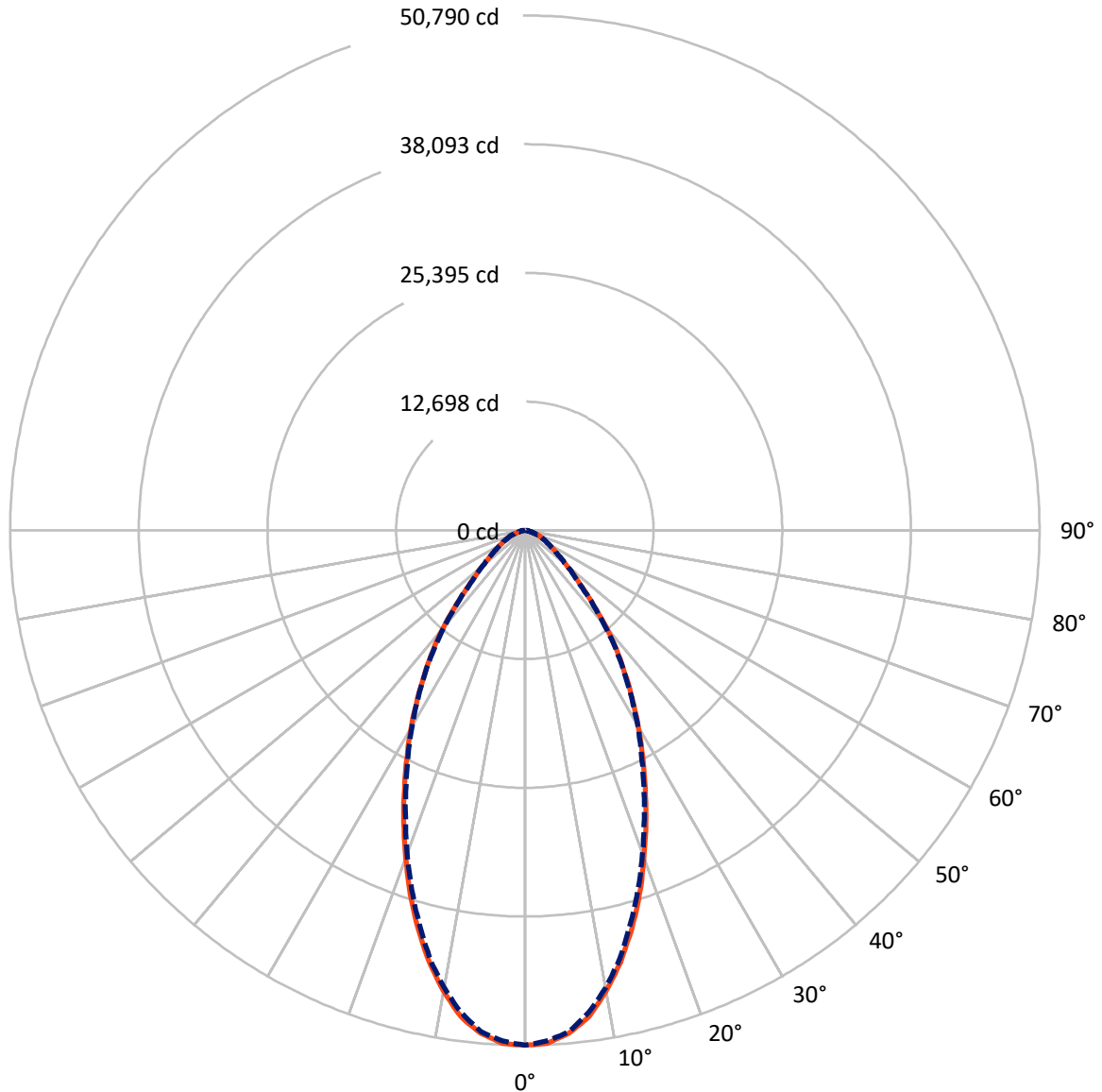
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### Lumen Table



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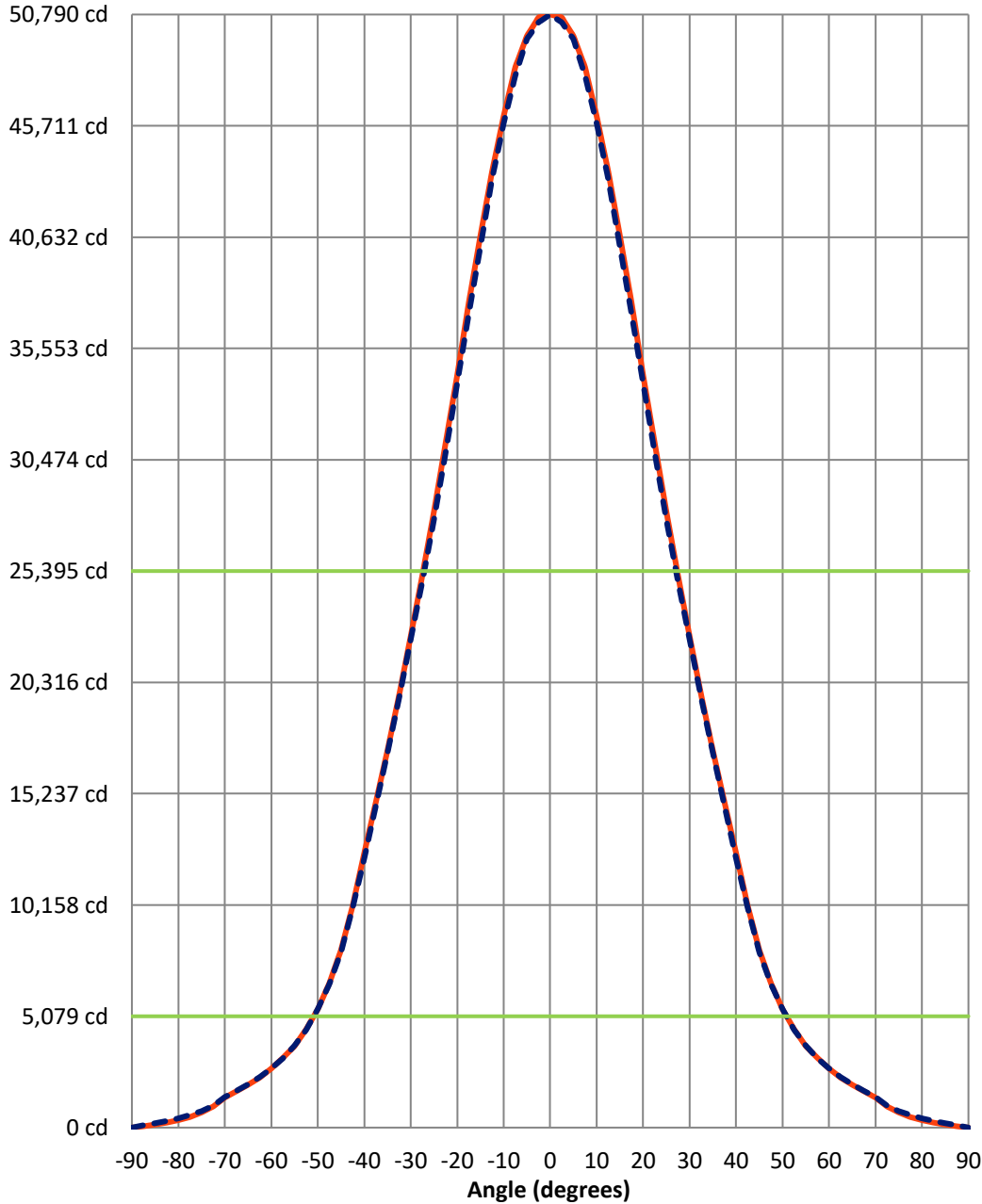
### Luminous Intensity Polar Plot



— 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: 25327.7  
 Efficiency: 48.1%

**Field:**  
 H Angle: 101.7°  
 V Angle: 101.8°  
 Lumens: 46230  
 Efficiency: 87.8%

**Spill:**  
 Lumens: 6447.8  
 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	11	22	33	43	54	65	70	76	87
85°	0	11	22	38	60	87	114	130	141	157	168
82.5°	0	16	38	60	92	125	168	189	211	233	249
80°	0	22	49	81	119	168	222	249	276	303	325
77.5°	0	27	60	97	152	206	271	309	341	373	406
75°	0	33	70	119	179	238	314	363	406	449	498
72.5°	0	38	81	135	200	271	357	417	465	525	590
70°	0	43	92	157	222	303	401	465	525	595	649
67.5°	0	49	103	168	244	330	433	514	579	644	704
65°	0	49	114	179	260	357	460	557	628	693	763
62.5°	0	54	125	189	276	379	487	595	671	741	823
60°	0	60	130	200	298	401	520	633	709	796	882
57.5°	0	65	135	211	309	417	541	666	758	850	942
55°	0	70	146	222	319	438	563	698	801	898	1001
52.5°	0	70	152	227	336	455	585	720	844	953	1072
50°	0	76	157	233	346	471	601	747	888	1007	1131
47.5°	0	81	162	238	352	482	622	774	936	1061	1196
45°	0	81	168	244	363	498	639	790	969	1115	1256
42.5°	0	87	168	249	368	509	655	817	996	1169	1321
40°	0	92	173	260	379	514	671	839	1028	1223	1380
37.5°	0	92	179	265	384	525	682	861	1061	1261	1434
35°	0	97	184	271	390	530	687	882	1088	1299	1494
32.5°	0	97	184	281	395	541	698	898	1120	1342	1548
30°	0	97	189	287	395	541	714	915	1147	1385	1602
27.5°	0	103	189	287	406	547	725	936	1174	1434	1656
25°	0	103	195	292	411	547	731	953	1207	1477	1705
22.5°	0	103	195	298	417	552	736	969	1239	1515	1759
20°	0	108	200	303	422	557	741	985	1272	1548	1802
17.5°	0	108	200	303	428	568	747	996	1299	1580	1840
15°	0	114	200	303	428	574	758	1001	1326	1607	1878
12.5°	0	114	200	309	428	574	763	1012	1353	1634	1905
10°	0	108	206	309	428	579	769	1017	1369	1651	1932
7.5°	0	108	206	309	433	579	769	1017	1385	1667	1948
5°	0	108	200	309	428	585	769	1023	1407	1683	1965
2.5°	0	108	200	303	428	585	758	1012	1402	1683	1975
0°	0	108	200	303	422	579	752	1001	1396	1678	1975
-2.5°	0	108	200	303	428	585	758	1012	1402	1683	1975
-5°	0	108	200	309	428	585	769	1023	1407	1683	1965
-7.5°	0	108	206	309	433	579	769	1017	1385	1667	1948
-10°	0	108	206	309	428	579	769	1017	1369	1651	1932
-12.5°	0	114	200	309	428	574	763	1012	1353	1634	1905
-15°	0	114	200	303	428	574	758	1001	1326	1607	1878
-17.5°	0	108	200	303	428	568	747	996	1299	1580	1840
-20°	0	108	200	303	422	557	741	985	1272	1548	1802



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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	103	195	298	417	552	736	969	1239	1515	1759
-25°	0	103	195	292	411	547	731	953	1207	1477	1705
-27.5°	0	103	189	287	406	547	725	936	1174	1434	1656
-30°	0	97	189	287	395	541	714	915	1147	1385	1602
-32.5°	0	97	184	281	395	541	698	898	1120	1342	1548
-35°	0	97	184	271	390	530	687	882	1088	1299	1494
-37.5°	0	92	179	265	384	525	682	861	1061	1261	1434
-40°	0	92	173	260	379	514	671	839	1028	1223	1380
-42.5°	0	87	168	249	368	509	655	817	996	1169	1321
-45°	0	81	168	244	363	498	639	790	969	1115	1256
-47.5°	0	81	162	238	352	482	622	774	936	1061	1196
-50°	0	76	157	233	346	471	601	747	888	1007	1131
-52.5°	0	70	152	227	336	455	585	720	844	953	1072
-55°	0	70	146	222	319	438	563	698	801	898	1001
-57.5°	0	65	135	211	309	417	541	666	758	850	942
-60°	0	60	130	200	298	401	520	633	709	796	882
-62.5°	0	54	125	189	276	379	487	595	671	741	823
-65°	0	49	114	179	260	357	460	557	628	693	763
-67.5°	0	49	103	168	244	330	433	514	579	644	704
-70°	0	43	92	157	222	303	401	465	525	595	649
-72.5°	0	38	81	135	200	271	357	417	465	525	590
-75°	0	33	70	119	179	238	314	363	406	449	498
-77.5°	0	27	60	97	152	206	271	309	341	373	406
-80°	0	22	49	81	119	168	222	249	276	303	325
-82.5°	0	16	38	60	92	125	168	189	211	233	249
-85°	0	11	22	38	60	87	114	130	141	157	168
-87.5°	0	5	11	22	33	43	54	65	70	76	87
-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°	92	97	103	103	103	97	92	87	97	108	119
85°	179	195	200	211	206	195	189	179	200	222	249
82.5°	265	281	292	303	303	292	281	265	298	330	368
80°	346	368	390	406	406	390	373	352	390	438	487
77.5°	444	471	493	514	509	503	493	482	520	568	617
75°	541	579	595	617	628	622	622	633	677	736	790
72.5°	628	655	687	725	741	752	779	812	855	904	947
70°	698	731	774	812	844	877	915	958	1001	1050	1093
67.5°	763	812	855	904	947	996	1045	1093	1142	1196	1250
65°	833	888	942	996	1055	1115	1174	1229	1288	1358	1418
62.5°	904	963	1028	1093	1164	1234	1304	1375	1456	1532	1607
60°	969	1045	1120	1201	1283	1364	1440	1532	1629	1716	1813
57.5°	1034	1126	1212	1304	1396	1488	1597	1699	1813	1927	2035
55°	1104	1212	1310	1413	1515	1634	1753	1883	2008	2154	2289
52.5°	1180	1293	1407	1521	1651	1781	1921	2073	2235	2403	2571
50°	1256	1380	1505	1640	1786	1937	2105	2284	2479	2674	2879
47.5°	1326	1461	1613	1759	1927	2105	2300	2517	2733	2977	3236
45°	1402	1548	1710	1889	2073	2284	2517	2755	3031	3307	3610
42.5°	1477	1634	1818	2008	2235	2473	2728	3031	3339	3680	4048
40°	1542	1721	1927	2154	2398	2663	2977	3307	3686	4091	4546
37.5°	1618	1813	2035	2284	2565	2874	3236	3621	4059	4551	5098
35°	1689	1905	2149	2419	2733	3090	3496	3945	4454	5049	5715
32.5°	1759	1997	2257	2554	2901	3307	3767	4297	4898	5580	6413
30°	1829	2078	2360	2684	3074	3534	4064	4654	5347	6207	7198
27.5°	1894	2165	2468	2825	3242	3745	4346	5049	5866	6835	7993
25°	1959	2241	2571	2955	3420	3972	4627	5401	6381	7528	8903
22.5°	2019	2316	2663	3079	3583	4194	4930	5812	6889	8167	9785
20°	2078	2392	2760	3198	3723	4394	5206	6191	7414	8919	10716
17.5°	2127	2462	2852	3323	3897	4600	5461	6570	7891	9612	11614
15°	2176	2522	2933	3431	4048	4806	5737	6900	8394	10266	12393
12.5°	2213	2571	3004	3529	4178	4979	5975	7236	8881	10883	13070
10°	2241	2614	3058	3604	4286	5120	6170	7506	9276	11387	13633
7.5°	2268	2646	3101	3664	4367	5228	6321	7717	9579	11776	14065
5°	2289	2674	3134	3707	4422	5309	6435	7853	9796	12052	14374
2.5°	2305	2695	3161	3745	4465	5396	6538	7999	10001	12285	14650
0°	2305	2701	3161	3745	4459	5412	6554	8010	10028	12280	14688
-2.5°	2305	2695	3161	3745	4465	5396	6538	7999	10001	12285	14650
-5°	2289	2674	3134	3707	4422	5309	6435	7853	9796	12052	14374
-7.5°	2268	2646	3101	3664	4367	5228	6321	7717	9579	11776	14065
-10°	2241	2614	3058	3604	4286	5120	6170	7506	9276	11387	13633
-12.5°	2213	2571	3004	3529	4178	4979	5975	7236	8881	10883	13070
-15°	2176	2522	2933	3431	4048	4806	5737	6900	8394	10266	12393
-17.5°	2127	2462	2852	3323	3897	4600	5461	6570	7891	9612	11614
-20°	2078	2392	2760	3198	3723	4394	5206	6191	7414	8919	10716



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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°	2019	2316	2663	3079	3583	4194	4930	5812	6889	8167	9785
-25°	1959	2241	2571	2955	3420	3972	4627	5401	6381	7528	8903
-27.5°	1894	2165	2468	2825	3242	3745	4346	5049	5866	6835	7993
-30°	1829	2078	2360	2684	3074	3534	4064	4654	5347	6207	7198
-32.5°	1759	1997	2257	2554	2901	3307	3767	4297	4898	5580	6413
-35°	1689	1905	2149	2419	2733	3090	3496	3945	4454	5049	5715
-37.5°	1618	1813	2035	2284	2565	2874	3236	3621	4059	4551	5098
-40°	1542	1721	1927	2154	2398	2663	2977	3307	3686	4091	4546
-42.5°	1477	1634	1818	2008	2235	2473	2728	3031	3339	3680	4048
-45°	1402	1548	1710	1889	2073	2284	2517	2755	3031	3307	3610
-47.5°	1326	1461	1613	1759	1927	2105	2300	2517	2733	2977	3236
-50°	1256	1380	1505	1640	1786	1937	2105	2284	2479	2674	2879
-52.5°	1180	1293	1407	1521	1651	1781	1921	2073	2235	2403	2571
-55°	1104	1212	1310	1413	1515	1634	1753	1883	2008	2154	2289
-57.5°	1034	1126	1212	1304	1396	1488	1597	1699	1813	1927	2035
-60°	969	1045	1120	1201	1283	1364	1440	1532	1629	1716	1813
-62.5°	904	963	1028	1093	1164	1234	1304	1375	1456	1532	1607
-65°	833	888	942	996	1055	1115	1174	1229	1288	1358	1418
-67.5°	763	812	855	904	947	996	1045	1093	1142	1196	1250
-70°	698	731	774	812	844	877	915	958	1001	1050	1093
-72.5°	628	655	687	725	741	752	779	812	855	904	947
-75°	541	579	595	617	628	622	622	633	677	736	790
-77.5°	444	471	493	514	509	503	493	482	520	568	617
-80°	346	368	390	406	406	390	373	352	390	438	487
-82.5°	265	281	292	303	303	292	281	265	298	330	368
-85°	179	195	200	211	206	195	189	179	200	222	249
-87.5°	92	97	103	103	103	97	92	87	97	108	119
-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°	135	135	135	135	130	135	135	141	146	130	114
85°	271	276	276	276	276	276	276	276	276	249	222
82.5°	406	422	433	449	460	460	455	449	438	395	346
80°	536	563	579	595	612	606	601	590	585	530	476
77.5°	666	698	720	736	752	758	752	752	747	698	639
75°	833	861	882	904	925	936	942	942	942	898	844
72.5°	985	1017	1050	1082	1109	1126	1142	1153	1164	1142	1109
70°	1142	1180	1218	1256	1293	1321	1342	1364	1375	1380	1380
67.5°	1304	1353	1402	1450	1494	1532	1559	1586	1607	1629	1640
65°	1483	1548	1607	1661	1710	1759	1797	1835	1867	1894	1910
62.5°	1683	1759	1829	1900	1954	2013	2073	2127	2170	2208	2235
60°	1905	1997	2084	2170	2257	2327	2403	2468	2522	2571	2614
57.5°	2154	2268	2376	2490	2587	2679	2771	2863	2944	3009	3063
55°	2430	2571	2711	2847	2982	3106	3226	3345	3453	3539	3615
52.5°	2749	2917	3096	3263	3447	3610	3761	3924	4070	4200	4308
50°	3090	3307	3539	3756	3994	4221	4427	4633	4838	5017	5163
47.5°	3491	3750	4054	4351	4643	4952	5239	5509	5791	6029	6229
45°	3924	4286	4643	5044	5412	5829	6224	6619	6965	7311	7604
42.5°	4438	4892	5347	5861	6364	6889	7447	7945	8464	8973	9395
40°	5049	5585	6213	6830	7528	8188	8978	9676	10337	10981	11527
37.5°	5720	6429	7203	7988	8935	9866	10791	11668	12453	13173	13746
35°	6494	7387	8307	9449	10575	11711	12772	13768	14661	15391	15997
32.5°	7382	8437	9709	11035	12339	13600	14866	15851	16782	17616	18330
30°	8323	9698	11181	12664	14087	15456	16734	17919	19001	19937	20738
27.5°	9427	11019	12669	14260	15786	17264	18714	20067	21252	22237	23233
25°	10521	12344	14109	15792	17442	19093	20690	22210	23596	24803	25880
22.5°	11673	13578	15440	17226	19098	20895	22643	24375	25966	27357	28569
20°	12740	14785	16685	18676	20706	22654	24619	26491	28266	29944	31324
17.5°	13692	15776	17848	19948	22162	24370	26502	28531	30555	32509	34230
15°	14542	16728	18855	21144	23531	25907	28282	30517	32796	34961	36887
12.5°	15294	17551	19813	22248	24743	27216	29819	32417	34944	37277	39366
10°	15916	18260	20684	23206	25798	28412	31216	34100	36806	39285	41558
7.5°	16387	18795	21328	23948	26680	29478	32406	35345	38208	40870	43252
5°	16723	19153	21756	24429	27276	30198	33321	36454	39377	42131	44567
2.5°	17026	19472	22124	24694	27595	30626	33754	37001	39988	42819	45530
0°	17107	19602	22281	24922	27741	30783	33970	37142	40205	43279	45828
-2.5°	17026	19472	22124	24694	27595	30626	33754	37001	39988	42819	45530
-5°	16723	19153	21756	24429	27276	30198	33321	36454	39377	42131	44567
-7.5°	16387	18795	21328	23948	26680	29478	32406	35345	38208	40870	43252
-10°	15916	18260	20684	23206	25798	28412	31216	34100	36806	39285	41558
-12.5°	15294	17551	19813	22248	24743	27216	29819	32417	34944	37277	39366
-15°	14542	16728	18855	21144	23531	25907	28282	30517	32796	34961	36887
-17.5°	13692	15776	17848	19948	22162	24370	26502	28531	30555	32509	34230
-20°	12740	14785	16685	18676	20706	22654	24619	26491	28266	29944	31324



REPORT NUMBER: P622200  
 CATALOG NUMBER: IFLD-L-SA8C-735-U-66

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	11673	13578	15440	17226	19098	20895	22643	24375	25966	27357	28569
-25°	10521	12344	14109	15792	17442	19093	20690	22210	23596	24803	25880
-27.5°	9427	11019	12669	14260	15786	17264	18714	20067	21252	22237	23233
-30°	8323	9698	11181	12664	14087	15456	16734	17919	19001	19937	20738
-32.5°	7382	8437	9709	11035	12339	13600	14866	15851	16782	17616	18330
-35°	6494	7387	8307	9449	10575	11711	12772	13768	14661	15391	15997
-37.5°	5720	6429	7203	7988	8935	9866	10791	11668	12453	13173	13746
-40°	5049	5585	6213	6830	7528	8188	8978	9676	10337	10981	11527
-42.5°	4438	4892	5347	5861	6364	6889	7447	7945	8464	8973	9395
-45°	3924	4286	4643	5044	5412	5829	6224	6619	6965	7311	7604
-47.5°	3491	3750	4054	4351	4643	4952	5239	5509	5791	6029	6229
-50°	3090	3307	3539	3756	3994	4221	4427	4633	4838	5017	5163
-52.5°	2749	2917	3096	3263	3447	3610	3761	3924	4070	4200	4308
-55°	2430	2571	2711	2847	2982	3106	3226	3345	3453	3539	3615
-57.5°	2154	2268	2376	2490	2587	2679	2771	2863	2944	3009	3063
-60°	1905	1997	2084	2170	2257	2327	2403	2468	2522	2571	2614
-62.5°	1683	1759	1829	1900	1954	2013	2073	2127	2170	2208	2235
-65°	1483	1548	1607	1661	1710	1759	1797	1835	1867	1894	1910
-67.5°	1304	1353	1402	1450	1494	1532	1559	1586	1607	1629	1640
-70°	1142	1180	1218	1256	1293	1321	1342	1364	1375	1380	1380
-72.5°	985	1017	1050	1082	1109	1126	1142	1153	1164	1142	1109
-75°	833	861	882	904	925	936	942	942	942	898	844
-77.5°	666	698	720	736	752	758	752	752	747	698	639
-80°	536	563	579	595	612	606	601	590	585	530	476
-82.5°	406	422	433	449	460	460	455	449	438	395	346
-85°	271	276	276	276	276	276	276	276	276	249	222
-87.5°	135	135	135	135	130	135	135	141	146	130	114
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P622200  
 CATALOG NUMBER: IFLD-L-SA8C-735-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°	92	76	70	60	70	76	92	114	130	146	141
85°	189	157	152	141	152	157	189	222	249	276	276
82.5°	303	249	238	227	238	249	303	346	395	438	449
80°	428	363	352	341	352	363	428	476	530	585	590
77.5°	579	520	498	482	498	520	579	639	698	747	752
75°	785	725	709	693	709	725	785	844	898	942	942
72.5°	1072	1045	1001	963	1001	1045	1072	1109	1142	1164	1153
70°	1385	1396	1385	1369	1385	1396	1385	1380	1380	1375	1364
67.5°	1645	1656	1656	1661	1656	1656	1645	1640	1629	1607	1586
65°	1927	1932	1948	1954	1948	1932	1927	1910	1894	1867	1835
62.5°	2251	2268	2278	2278	2278	2268	2251	2235	2208	2170	2127
60°	2641	2663	2690	2695	2690	2663	2641	2614	2571	2522	2468
57.5°	3106	3134	3171	3182	3171	3134	3106	3063	3009	2944	2863
55°	3669	3707	3729	3718	3729	3707	3669	3615	3539	3453	3345
52.5°	4400	4465	4508	4486	4508	4465	4400	4308	4200	4070	3924
50°	5282	5363	5417	5401	5417	5363	5282	5163	5017	4838	4633
47.5°	6386	6500	6592	6597	6592	6500	6386	6229	6029	5791	5509
45°	7836	8004	8129	8107	8129	8004	7836	7604	7311	6965	6619
42.5°	9720	9952	10136	10120	10136	9952	9720	9395	8973	8464	7945
40°	11933	12220	12464	12528	12464	12220	11933	11527	10981	10337	9676
37.5°	14212	14580	14888	14856	14888	14580	14212	13746	13173	12453	11668
35°	16501	16885	17188	17215	17188	16885	16501	15997	15391	14661	13768
32.5°	18898	19326	19683	19732	19683	19326	18898	18330	17616	16782	15851
30°	21399	21913	22340	22427	22340	21913	21399	20738	19937	19001	17919
27.5°	24029	24640	25046	25203	25046	24640	24029	23233	22237	21252	20067
25°	26740	27406	27860	28115	27860	27406	26740	25880	24803	23596	22210
22.5°	29570	30361	30950	31232	30950	30361	29570	28569	27357	25966	24375
20°	32493	33353	34041	34333	34041	33353	32493	31324	29944	28266	26491
17.5°	35469	36519	37282	37656	37282	36519	35469	34230	32509	30555	28531
15°	38359	39474	40302	40703	40302	39474	38359	36887	34961	32796	30517
12.5°	41038	42218	43046	43625	43046	42218	41038	39366	37277	34944	32417
10°	43430	44718	45557	46158	45557	44718	43430	41558	39285	36806	34100
7.5°	45221	46850	47798	48387	47798	46850	45221	43252	40870	38208	35345
5°	46596	48393	49253	49811	49253	48393	46596	44567	42131	39377	36454
2.5°	47603	49021	50098	50655	50098	49021	47603	45530	42819	39988	37001
0°	47998	49665	50428	50790	50428	49665	47998	45828	43279	40205	37142
-2.5°	47603	49021	50098	50655	50098	49021	47603	45530	42819	39988	37001
-5°	46596	48393	49253	49811	49253	48393	46596	44567	42131	39377	36454
-7.5°	45221	46850	47798	48387	47798	46850	45221	43252	40870	38208	35345
-10°	43430	44718	45557	46158	45557	44718	43430	41558	39285	36806	34100
-12.5°	41038	42218	43046	43625	43046	42218	41038	39366	37277	34944	32417
-15°	38359	39474	40302	40703	40302	39474	38359	36887	34961	32796	30517
-17.5°	35469	36519	37282	37656	37282	36519	35469	34230	32509	30555	28531
-20°	32493	33353	34041	34333	34041	33353	32493	31324	29944	28266	26491



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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°	29570	30361	30950	31232	30950	30361	29570	28569	27357	25966	24375
-25°	26740	27406	27860	28115	27860	27406	26740	25880	24803	23596	22210
-27.5°	24029	24640	25046	25203	25046	24640	24029	23233	22237	21252	20067
-30°	21399	21913	22340	22427	22340	21913	21399	20738	19937	19001	17919
-32.5°	18898	19326	19683	19732	19683	19326	18898	18330	17616	16782	15851
-35°	16501	16885	17188	17215	17188	16885	16501	15997	15391	14661	13768
-37.5°	14212	14580	14888	14856	14888	14580	14212	13746	13173	12453	11668
-40°	11933	12220	12464	12528	12464	12220	11933	11527	10981	10337	9676
-42.5°	9720	9952	10136	10120	10136	9952	9720	9395	8973	8464	7945
-45°	7836	8004	8129	8107	8129	8004	7836	7604	7311	6965	6619
-47.5°	6386	6500	6592	6597	6592	6500	6386	6229	6029	5791	5509
-50°	5282	5363	5417	5401	5417	5363	5282	5163	5017	4838	4633
-52.5°	4400	4465	4508	4486	4508	4465	4400	4308	4200	4070	3924
-55°	3669	3707	3729	3718	3729	3707	3669	3615	3539	3453	3345
-57.5°	3106	3134	3171	3182	3171	3134	3106	3063	3009	2944	2863
-60°	2641	2663	2690	2695	2690	2663	2641	2614	2571	2522	2468
-62.5°	2251	2268	2278	2278	2278	2268	2251	2235	2208	2170	2127
-65°	1927	1932	1948	1954	1948	1932	1927	1910	1894	1867	1835
-67.5°	1645	1656	1656	1661	1656	1656	1645	1640	1629	1607	1586
-70°	1385	1396	1385	1369	1385	1396	1385	1380	1380	1375	1364
-72.5°	1072	1045	1001	963	1001	1045	1072	1109	1142	1164	1153
-75°	785	725	709	693	709	725	785	844	898	942	942
-77.5°	579	520	498	482	498	520	579	639	698	747	752
-80°	428	363	352	341	352	363	428	476	530	585	590
-82.5°	303	249	238	227	238	249	303	346	395	438	449
-85°	189	157	152	141	152	157	189	222	249	276	276
-87.5°	92	76	70	60	70	76	92	114	130	146	141
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P622200  
 CATALOG NUMBER: IFLD-L-SA8C-735-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°	135	135	130	135	135	135	135	119	108	97	87
85°	276	276	276	276	276	276	271	249	222	200	179
82.5°	455	460	460	449	433	422	406	368	330	298	265
80°	601	606	612	595	579	563	536	487	438	390	352
77.5°	752	758	752	736	720	698	666	617	568	520	482
75°	942	936	925	904	882	861	833	790	736	677	633
72.5°	1142	1126	1109	1082	1050	1017	985	947	904	855	812
70°	1342	1321	1293	1256	1218	1180	1142	1093	1050	1001	958
67.5°	1559	1532	1494	1450	1402	1353	1304	1250	1196	1142	1093
65°	1797	1759	1710	1661	1607	1548	1483	1418	1358	1288	1229
62.5°	2073	2013	1954	1900	1829	1759	1683	1607	1532	1456	1375
60°	2403	2327	2257	2170	2084	1997	1905	1813	1716	1629	1532
57.5°	2771	2679	2587	2490	2376	2268	2154	2035	1927	1813	1699
55°	3226	3106	2982	2847	2711	2571	2430	2289	2154	2008	1883
52.5°	3761	3610	3447	3263	3096	2917	2749	2571	2403	2235	2073
50°	4427	4221	3994	3756	3539	3307	3090	2879	2674	2479	2284
47.5°	5239	4952	4643	4351	4054	3750	3491	3236	2977	2733	2517
45°	6224	5829	5412	5044	4643	4286	3924	3610	3307	3031	2755
42.5°	7447	6889	6364	5861	5347	4892	4438	4048	3680	3339	3031
40°	8978	8188	7528	6830	6213	5585	5049	4546	4091	3686	3307
37.5°	10791	9866	8935	7988	7203	6429	5720	5098	4551	4059	3621
35°	12772	11711	10575	9449	8307	7387	6494	5715	5049	4454	3945
32.5°	14866	13600	12339	11035	9709	8437	7382	6413	5580	4898	4297
30°	16734	15456	14087	12664	11181	9698	8323	7198	6207	5347	4654
27.5°	18714	17264	15786	14260	12669	11019	9427	7993	6835	5866	5049
25°	20690	19093	17442	15792	14109	12344	10521	8903	7528	6381	5401
22.5°	22643	20895	19098	17226	15440	13578	11673	9785	8167	6889	5812
20°	24619	22654	20706	18676	16685	14785	12740	10716	8919	7414	6191
17.5°	26502	24370	22162	19948	17848	15776	13692	11614	9612	7891	6570
15°	28282	25907	23531	21144	18855	16728	14542	12393	10266	8394	6900
12.5°	29819	27216	24743	22248	19813	17551	15294	13070	10883	8881	7236
10°	31216	28412	25798	23206	20684	18260	15916	13633	11387	9276	7506
7.5°	32406	29478	26680	23948	21328	18795	16387	14065	11776	9579	7717
5°	33321	30198	27276	24429	21756	19153	16723	14374	12052	9796	7853
2.5°	33754	30626	27595	24694	22124	19472	17026	14650	12285	10001	7999
0°	33970	30783	27741	24922	22281	19602	17107	14688	12280	10028	8010
-2.5°	33754	30626	27595	24694	22124	19472	17026	14650	12285	10001	7999
-5°	33321	30198	27276	24429	21756	19153	16723	14374	12052	9796	7853
-7.5°	32406	29478	26680	23948	21328	18795	16387	14065	11776	9579	7717
-10°	31216	28412	25798	23206	20684	18260	15916	13633	11387	9276	7506
-12.5°	29819	27216	24743	22248	19813	17551	15294	13070	10883	8881	7236
-15°	28282	25907	23531	21144	18855	16728	14542	12393	10266	8394	6900
-17.5°	26502	24370	22162	19948	17848	15776	13692	11614	9612	7891	6570
-20°	24619	22654	20706	18676	16685	14785	12740	10716	8919	7414	6191



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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°	22643	20895	19098	17226	15440	13578	11673	9785	8167	6889	5812
-25°	20690	19093	17442	15792	14109	12344	10521	8903	7528	6381	5401
-27.5°	18714	17264	15786	14260	12669	11019	9427	7993	6835	5866	5049
-30°	16734	15456	14087	12664	11181	9698	8323	7198	6207	5347	4654
-32.5°	14866	13600	12339	11035	9709	8437	7382	6413	5580	4898	4297
-35°	12772	11711	10575	9449	8307	7387	6494	5715	5049	4454	3945
-37.5°	10791	9866	8935	7988	7203	6429	5720	5098	4551	4059	3621
-40°	8978	8188	7528	6830	6213	5585	5049	4546	4091	3686	3307
-42.5°	7447	6889	6364	5861	5347	4892	4438	4048	3680	3339	3031
-45°	6224	5829	5412	5044	4643	4286	3924	3610	3307	3031	2755
-47.5°	5239	4952	4643	4351	4054	3750	3491	3236	2977	2733	2517
-50°	4427	4221	3994	3756	3539	3307	3090	2879	2674	2479	2284
-52.5°	3761	3610	3447	3263	3096	2917	2749	2571	2403	2235	2073
-55°	3226	3106	2982	2847	2711	2571	2430	2289	2154	2008	1883
-57.5°	2771	2679	2587	2490	2376	2268	2154	2035	1927	1813	1699
-60°	2403	2327	2257	2170	2084	1997	1905	1813	1716	1629	1532
-62.5°	2073	2013	1954	1900	1829	1759	1683	1607	1532	1456	1375
-65°	1797	1759	1710	1661	1607	1548	1483	1418	1358	1288	1229
-67.5°	1559	1532	1494	1450	1402	1353	1304	1250	1196	1142	1093
-70°	1342	1321	1293	1256	1218	1180	1142	1093	1050	1001	958
-72.5°	1142	1126	1109	1082	1050	1017	985	947	904	855	812
-75°	942	936	925	904	882	861	833	790	736	677	633
-77.5°	752	758	752	736	720	698	666	617	568	520	482
-80°	601	606	612	595	579	563	536	487	438	390	352
-82.5°	455	460	460	449	433	422	406	368	330	298	265
-85°	276	276	276	276	276	276	271	249	222	200	179
-87.5°	135	135	130	135	135	135	135	119	108	97	87
-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°	92	97	103	103	103	97	92	87	76	70	65
85°	189	195	206	211	200	195	179	168	157	141	130
82.5°	281	292	303	303	292	281	265	249	233	211	189
80°	373	390	406	406	390	368	346	325	303	276	249
77.5°	493	503	509	514	493	471	444	406	373	341	309
75°	622	622	628	617	595	579	541	498	449	406	363
72.5°	779	752	741	725	687	655	628	590	525	465	417
70°	915	877	844	812	774	731	698	649	595	525	465
67.5°	1045	996	947	904	855	812	763	704	644	579	514
65°	1174	1115	1055	996	942	888	833	763	693	628	557
62.5°	1304	1234	1164	1093	1028	963	904	823	741	671	595
60°	1440	1364	1283	1201	1120	1045	969	882	796	709	633
57.5°	1597	1488	1396	1304	1212	1126	1034	942	850	758	666
55°	1753	1634	1515	1413	1310	1212	1104	1001	898	801	698
52.5°	1921	1781	1651	1521	1407	1293	1180	1072	953	844	720
50°	2105	1937	1786	1640	1505	1380	1256	1131	1007	888	747
47.5°	2300	2105	1927	1759	1613	1461	1326	1196	1061	936	774
45°	2517	2284	2073	1889	1710	1548	1402	1256	1115	969	790
42.5°	2728	2473	2235	2008	1818	1634	1477	1321	1169	996	817
40°	2977	2663	2398	2154	1927	1721	1542	1380	1223	1028	839
37.5°	3236	2874	2565	2284	2035	1813	1618	1434	1261	1061	861
35°	3496	3090	2733	2419	2149	1905	1689	1494	1299	1088	882
32.5°	3767	3307	2901	2554	2257	1997	1759	1548	1342	1120	898
30°	4064	3534	3074	2684	2360	2078	1829	1602	1385	1147	915
27.5°	4346	3745	3242	2825	2468	2165	1894	1656	1434	1174	936
25°	4627	3972	3420	2955	2571	2241	1959	1705	1477	1207	953
22.5°	4930	4194	3583	3079	2663	2316	2019	1759	1515	1239	969
20°	5206	4394	3723	3198	2760	2392	2078	1802	1548	1272	985
17.5°	5461	4600	3897	3323	2852	2462	2127	1840	1580	1299	996
15°	5737	4806	4048	3431	2933	2522	2176	1878	1607	1326	1001
12.5°	5975	4979	4178	3529	3004	2571	2213	1905	1634	1353	1012
10°	6170	5120	4286	3604	3058	2614	2241	1932	1651	1369	1017
7.5°	6321	5228	4367	3664	3101	2646	2268	1948	1667	1385	1017
5°	6435	5309	4422	3707	3134	2674	2289	1965	1683	1407	1023
2.5°	6538	5396	4465	3745	3161	2695	2305	1975	1683	1402	1012
0°	6554	5412	4459	3745	3161	2701	2305	1975	1678	1396	1001
-2.5°	6538	5396	4465	3745	3161	2695	2305	1975	1683	1402	1012
-5°	6435	5309	4422	3707	3134	2674	2289	1965	1683	1407	1023
-7.5°	6321	5228	4367	3664	3101	2646	2268	1948	1667	1385	1017
-10°	6170	5120	4286	3604	3058	2614	2241	1932	1651	1369	1017
-12.5°	5975	4979	4178	3529	3004	2571	2213	1905	1634	1353	1012
-15°	5737	4806	4048	3431	2933	2522	2176	1878	1607	1326	1001
-17.5°	5461	4600	3897	3323	2852	2462	2127	1840	1580	1299	996
-20°	5206	4394	3723	3198	2760	2392	2078	1802	1548	1272	985



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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°	4930	4194	3583	3079	2663	2316	2019	1759	1515	1239	969
-25°	4627	3972	3420	2955	2571	2241	1959	1705	1477	1207	953
-27.5°	4346	3745	3242	2825	2468	2165	1894	1656	1434	1174	936
-30°	4064	3534	3074	2684	2360	2078	1829	1602	1385	1147	915
-32.5°	3767	3307	2901	2554	2257	1997	1759	1548	1342	1120	898
-35°	3496	3090	2733	2419	2149	1905	1689	1494	1299	1088	882
-37.5°	3236	2874	2565	2284	2035	1813	1618	1434	1261	1061	861
-40°	2977	2663	2398	2154	1927	1721	1542	1380	1223	1028	839
-42.5°	2728	2473	2235	2008	1818	1634	1477	1321	1169	996	817
-45°	2517	2284	2073	1889	1710	1548	1402	1256	1115	969	790
-47.5°	2300	2105	1927	1759	1613	1461	1326	1196	1061	936	774
-50°	2105	1937	1786	1640	1505	1380	1256	1131	1007	888	747
-52.5°	1921	1781	1651	1521	1407	1293	1180	1072	953	844	720
-55°	1753	1634	1515	1413	1310	1212	1104	1001	898	801	698
-57.5°	1597	1488	1396	1304	1212	1126	1034	942	850	758	666
-60°	1440	1364	1283	1201	1120	1045	969	882	796	709	633
-62.5°	1304	1234	1164	1093	1028	963	904	823	741	671	595
-65°	1174	1115	1055	996	942	888	833	763	693	628	557
-67.5°	1045	996	947	904	855	812	763	704	644	579	514
-70°	915	877	844	812	774	731	698	649	595	525	465
-72.5°	779	752	741	725	687	655	628	590	525	465	417
-75°	622	622	628	617	595	579	541	498	449	406	363
-77.5°	493	503	509	514	493	471	444	406	373	341	309
-80°	373	390	406	406	390	368	346	325	303	276	249
-82.5°	281	292	303	303	292	281	265	249	233	211	189
-85°	189	195	206	211	200	195	179	168	157	141	130
-87.5°	92	97	103	103	103	97	92	87	76	70	65
-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°	54	43	33	22	11	5	0
85°	114	87	60	38	22	11	0
82.5°	168	125	92	60	38	16	0
80°	222	168	119	81	49	22	0
77.5°	271	206	152	97	60	27	0
75°	314	238	179	119	70	33	0
72.5°	357	271	200	135	81	38	0
70°	401	303	222	157	92	43	0
67.5°	433	330	244	168	103	49	0
65°	460	357	260	179	114	49	0
62.5°	487	379	276	189	125	54	0
60°	520	401	298	200	130	60	0
57.5°	541	417	309	211	135	65	0
55°	563	438	319	222	146	70	0
52.5°	585	455	336	227	152	70	0
50°	601	471	346	233	157	76	0
47.5°	622	482	352	238	162	81	0
45°	639	498	363	244	168	81	0
42.5°	655	509	368	249	168	87	0
40°	671	514	379	260	173	92	0
37.5°	682	525	384	265	179	92	0
35°	687	530	390	271	184	97	0
32.5°	698	541	395	281	184	97	0
30°	714	541	395	287	189	97	0
27.5°	725	547	406	287	189	103	0
25°	731	547	411	292	195	103	0
22.5°	736	552	417	298	195	103	0
20°	741	557	422	303	200	108	0
17.5°	747	568	428	303	200	108	0
15°	758	574	428	303	200	114	0
12.5°	763	574	428	309	200	114	0
10°	769	579	428	309	206	108	0
7.5°	769	579	433	309	206	108	0
5°	769	585	428	309	200	108	0
2.5°	758	585	428	303	200	108	0
0°	752	579	422	303	200	108	0
-2.5°	758	585	428	303	200	108	0
-5°	769	585	428	309	200	108	0
-7.5°	769	579	433	309	206	108	0
-10°	769	579	428	309	206	108	0
-12.5°	763	574	428	309	200	114	0
-15°	758	574	428	303	200	114	0
-17.5°	747	568	428	303	200	108	0
-20°	741	557	422	303	200	108	0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	736	552	417	298	195	103	0
-25°	731	547	411	292	195	103	0
-27.5°	725	547	406	287	189	103	0
-30°	714	541	395	287	189	97	0
-32.5°	698	541	395	281	184	97	0
-35°	687	530	390	271	184	97	0
-37.5°	682	525	384	265	179	92	0
-40°	671	514	379	260	173	92	0
-42.5°	655	509	368	249	168	87	0
-45°	639	498	363	244	168	81	0
-47.5°	622	482	352	238	162	81	0
-50°	601	471	346	233	157	76	0
-52.5°	585	455	336	227	152	70	0
-55°	563	438	319	222	146	70	0
-57.5°	541	417	309	211	135	65	0
-60°	520	401	298	200	130	60	0
-62.5°	487	379	276	189	125	54	0
-65°	460	357	260	179	114	49	0
-67.5°	433	330	244	168	103	49	0
-70°	401	303	222	157	92	43	0
-72.5°	357	271	200	135	81	38	0
-75°	314	238	179	119	70	33	0
-77.5°	271	206	152	97	60	27	0
-80°	222	168	119	81	49	22	0
-82.5°	168	125	92	60	38	16	0
-85°	114	87	60	38	22	11	0
-87.5°	54	43	33	22	11	5	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)