

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: P622281

Luminaire Tested: **IFLD-L-SA7B-760-U-66**

Issue Date: 09/20/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P622281  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 09/20/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA7B-760-U-66  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 6 distribution lens  
Light Source: (112) 5700K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

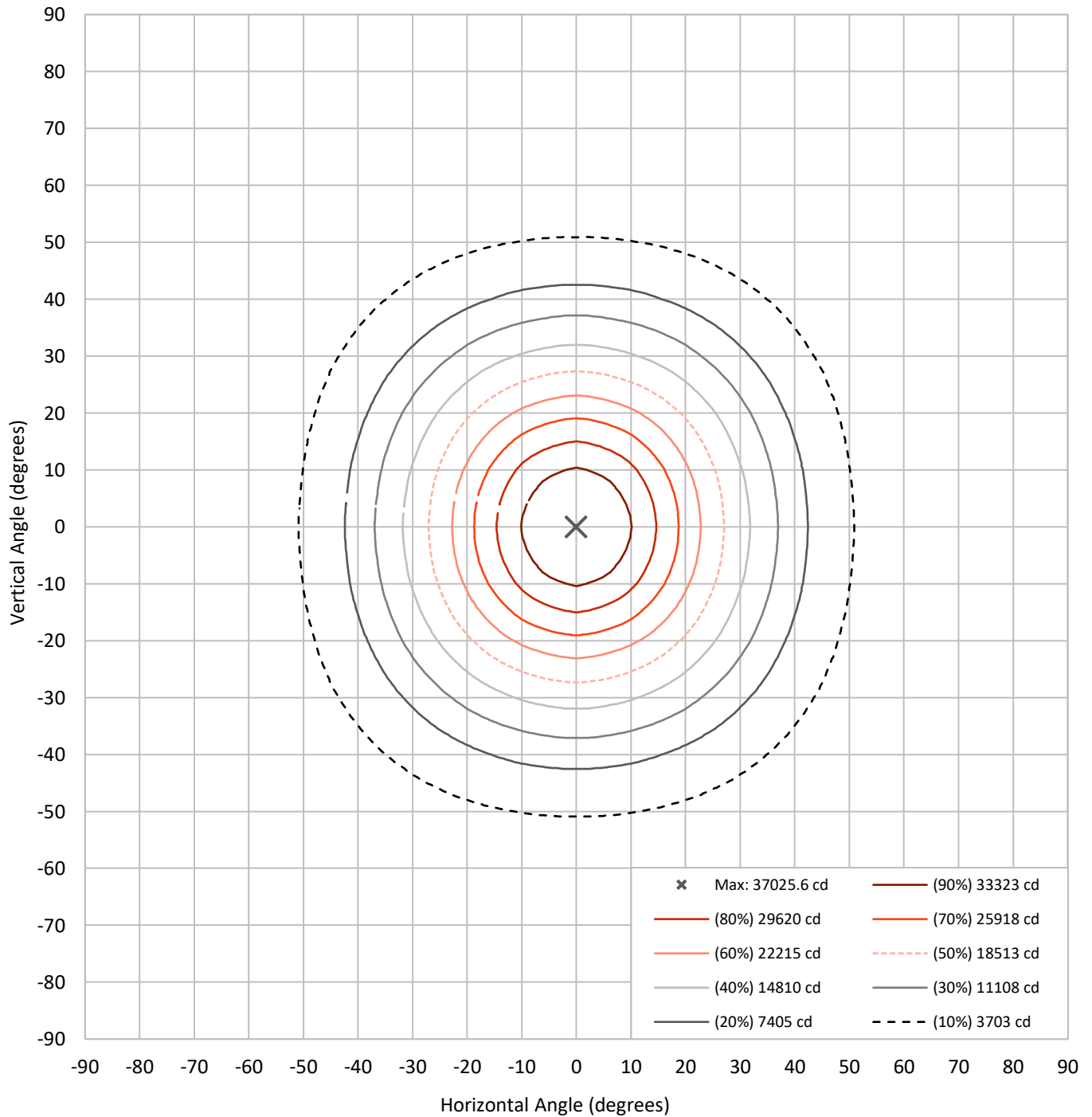
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	38401.7 lumens	Max Intensity:	37025.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	136.7 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	54.2°H x 54.7°V	Field Angle (10%):	101.7°H x 101.8°V
Beam Lumens:	18463.6 lumens	Field Lumens:	33701.3 lumens
Beam Efficiency:	48.1%	Field Efficiency:	87.8%

Input Watts (W): 281  
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





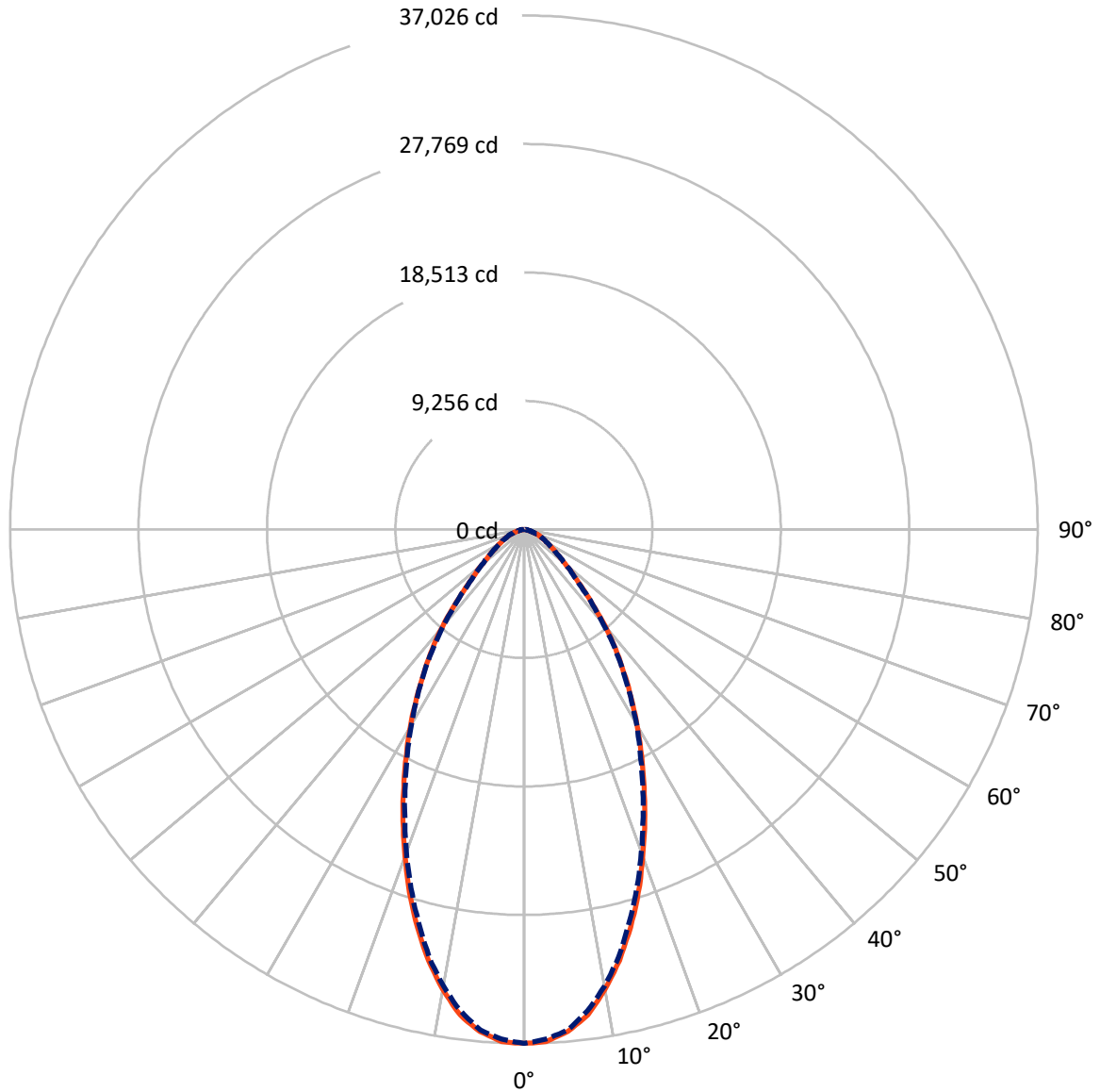
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### Lumen Table

90	2.7	16.5	33.2	50.5	43.3	50.5	33.2	16.5	2.7										
80																			
70	6.8	7.2	12.8	19.5	27.2	34.8	40.6	43.5	43.5	40.6	34.8	27.2	19.5	12.8	7.2	6.8			
60		9.5	18.1	29.8	44.7	60.9	75.5	84.3	84.3	75.5	60.9	44.7	29.8	18.1	9.5				
50	9.1	11.9	24.4	44.0	73.0	111.9	154.0	182.7	182.7	154.0	111.9	73.0	44.0	24.4	11.9	9.1			
40		14.2	31.4	63.3	121.4	214.7	312.3	372.9	372.9	312.3	214.7	121.4	63.3	31.4	14.2				
30	10.5	16.3	38.7	87.7	194.3	350.6	503.7	604.5	604.5	503.7	350.6	194.3	87.7	38.7	16.3	10.5			
20		18.0	45.2	112.8	264.6	472.1	699.2	863.3	863.3	699.2	472.1	264.6	112.8	45.2	18.0				
10	11.0	19.0	49.0	129.4	305.5	547.6	833.9	1048.1	1048.1	833.9	547.6	305.5	129.4	49.0	19.0	11.0			
0		19.0	49.0	129.4	305.5	547.6	833.9	1048.1	1048.1	833.9	547.6	305.5	129.4	49.0	19.0				
-10	10.5	18.0	45.2	112.8	264.6	472.1	699.2	863.3	863.3	699.2	472.1	264.6	112.8	45.2	18.0	10.5			
-20		16.3	38.7	87.7	194.3	350.6	503.7	604.5	604.5	503.7	350.6	194.3	87.7	38.7	16.3				
-30	9.1	14.2	31.4	63.3	121.4	214.7	312.3	372.9	372.9	312.3	214.7	121.4	63.3	31.4	14.2	9.1			
-40		11.9	24.4	44.0	73.0	111.9	154.0	182.7	182.7	154.0	111.9	73.0	44.0	24.4	11.9				
-50	6.8	9.5	18.1	29.8	44.7	60.9	75.5	84.3	84.3	75.5	60.9	44.7	29.8	18.1	9.5	6.8			
-60		7.2	12.8	19.5	27.2	34.8	40.6	43.5	43.5	40.6	34.8	27.2	19.5	12.8	7.2				
-70	2.7														2.7				
-80																			
-90																			

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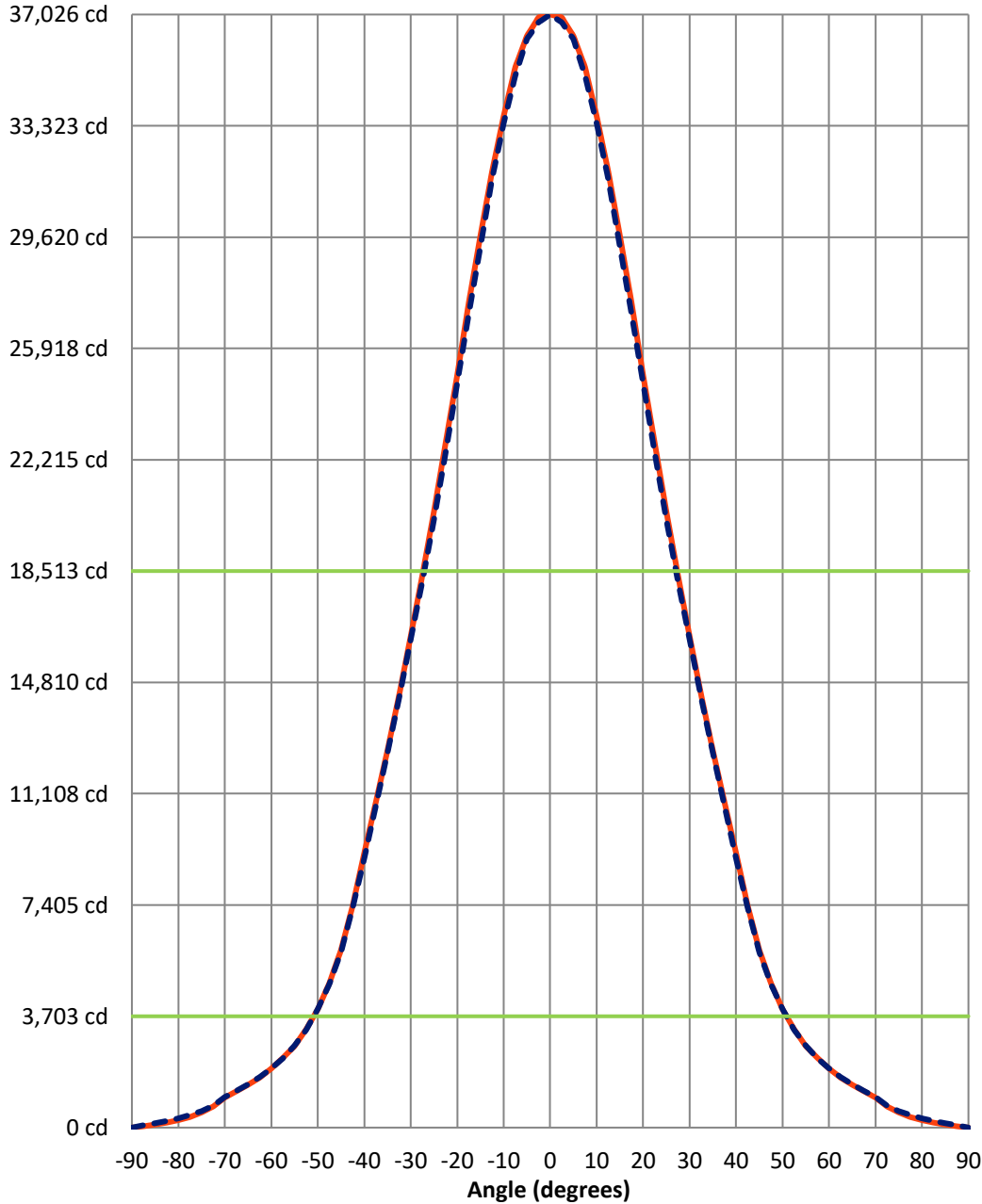
### Luminous Intensity Polar Plot



— 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: 18463.6  
 Efficiency: 48.1%

**Field:**  
 H Angle: 101.7°  
 V Angle: 101.8°  
 Lumens: 33701.3  
 Efficiency: 87.8%

**Spill:**  
 Lumens: 4700.4  
 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	4	8	16	24	32	40	47	51	55	63
85°	0	8	16	28	43	63	83	95	103	114	122
82.5°	0	12	28	43	67	91	122	138	154	170	182
80°	0	16	36	59	87	122	162	182	201	221	237
77.5°	0	20	43	71	111	150	197	225	249	272	296
75°	0	24	51	87	130	174	229	264	296	328	363
72.5°	0	28	59	99	146	197	260	304	339	383	430
70°	0	32	67	114	162	221	292	339	383	434	473
67.5°	0	36	75	122	178	241	316	375	422	470	513
65°	0	36	83	130	189	260	335	406	458	505	556
62.5°	0	40	91	138	201	276	355	434	489	541	600
60°	0	43	95	146	217	292	379	462	517	580	643
57.5°	0	47	99	154	225	304	395	485	552	619	687
55°	0	51	107	162	233	320	410	509	584	655	730
52.5°	0	51	111	166	245	331	426	525	616	694	781
50°	0	55	114	170	253	343	438	544	647	734	825
47.5°	0	59	118	174	256	351	454	564	683	773	872
45°	0	59	122	178	264	363	466	576	706	813	915
42.5°	0	63	122	182	268	371	477	596	726	852	963
40°	0	67	126	189	276	375	489	612	750	892	1006
37.5°	0	67	130	193	280	383	497	627	773	919	1046
35°	0	71	134	197	284	387	501	643	793	947	1089
32.5°	0	71	134	205	288	395	509	655	817	978	1128
30°	0	71	138	209	288	395	521	667	836	1010	1168
27.5°	0	75	138	209	296	399	529	683	856	1046	1207
25°	0	75	142	213	300	399	533	694	880	1077	1243
22.5°	0	75	142	217	304	402	537	706	903	1105	1282
20°	0	79	146	221	308	406	541	718	927	1128	1314
17.5°	0	79	146	221	312	414	544	726	947	1152	1341
15°	0	83	146	221	312	418	552	730	967	1172	1369
12.5°	0	83	146	225	312	418	556	738	986	1191	1389
10°	0	79	150	225	312	422	560	742	998	1203	1408
7.5°	0	79	150	225	316	422	560	742	1010	1215	1420
5°	0	79	146	225	312	426	560	746	1026	1227	1432
2.5°	0	79	146	221	312	426	552	738	1022	1227	1440
0°	0	79	146	221	308	422	548	730	1018	1223	1440
-2.5°	0	79	146	221	312	426	552	738	1022	1227	1440
-5°	0	79	146	225	312	426	560	746	1026	1227	1432
-7.5°	0	79	150	225	316	422	560	742	1010	1215	1420
-10°	0	79	150	225	312	422	560	742	998	1203	1408
-12.5°	0	83	146	225	312	418	556	738	986	1191	1389
-15°	0	83	146	221	312	418	552	730	967	1172	1369
-17.5°	0	79	146	221	312	414	544	726	947	1152	1341
-20°	0	79	146	221	308	406	541	718	927	1128	1314



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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	75	142	217	304	402	537	706	903	1105	1282
-25°	0	75	142	213	300	399	533	694	880	1077	1243
-27.5°	0	75	138	209	296	399	529	683	856	1046	1207
-30°	0	71	138	209	288	395	521	667	836	1010	1168
-32.5°	0	71	134	205	288	395	509	655	817	978	1128
-35°	0	71	134	197	284	387	501	643	793	947	1089
-37.5°	0	67	130	193	280	383	497	627	773	919	1046
-40°	0	67	126	189	276	375	489	612	750	892	1006
-42.5°	0	63	122	182	268	371	477	596	726	852	963
-45°	0	59	122	178	264	363	466	576	706	813	915
-47.5°	0	59	118	174	256	351	454	564	683	773	872
-50°	0	55	114	170	253	343	438	544	647	734	825
-52.5°	0	51	111	166	245	331	426	525	616	694	781
-55°	0	51	107	162	233	320	410	509	584	655	730
-57.5°	0	47	99	154	225	304	395	485	552	619	687
-60°	0	43	95	146	217	292	379	462	517	580	643
-62.5°	0	40	91	138	201	276	355	434	489	541	600
-65°	0	36	83	130	189	260	335	406	458	505	556
-67.5°	0	36	75	122	178	241	316	375	422	470	513
-70°	0	32	67	114	162	221	292	339	383	434	473
-72.5°	0	28	59	99	146	197	260	304	339	383	430
-75°	0	24	51	87	130	174	229	264	296	328	363
-77.5°	0	20	43	71	111	150	197	225	249	272	296
-80°	0	16	36	59	87	122	162	182	201	221	237
-82.5°	0	12	28	43	67	91	122	138	154	170	182
-85°	0	8	16	28	43	63	83	95	103	114	122
-87.5°	0	4	8	16	24	32	40	47	51	55	63
-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°	67	71	75	75	75	71	67	63	71	79	87
85°	130	142	146	154	150	142	138	130	146	162	182
82.5°	193	205	213	221	221	213	205	193	217	241	268
80°	253	268	284	296	296	284	272	256	284	320	355
77.5°	324	343	359	375	371	367	359	351	379	414	450
75°	395	422	434	450	458	454	454	462	493	537	576
72.5°	458	477	501	529	541	548	568	592	623	659	690
70°	509	533	564	592	616	639	667	698	730	765	797
67.5°	556	592	623	659	690	726	761	797	832	872	911
65°	608	647	687	726	769	813	856	896	939	990	1034
62.5°	659	702	750	797	848	900	951	1002	1061	1117	1172
60°	706	761	817	876	935	994	1049	1117	1188	1251	1322
57.5°	754	821	884	951	1018	1085	1164	1239	1322	1405	1483
55°	805	884	955	1030	1105	1191	1278	1373	1464	1570	1669
52.5°	860	943	1026	1109	1203	1298	1401	1511	1629	1752	1874
50°	915	1006	1097	1195	1302	1412	1535	1665	1807	1949	2099
47.5°	967	1065	1176	1282	1405	1535	1677	1835	1992	2170	2359
45°	1022	1128	1247	1377	1511	1665	1835	2008	2209	2411	2631
42.5°	1077	1191	1326	1464	1629	1803	1988	2209	2434	2683	2951
40°	1124	1255	1405	1570	1748	1941	2170	2411	2687	2983	3314
37.5°	1180	1322	1483	1665	1870	2095	2359	2639	2959	3318	3716
35°	1231	1389	1566	1764	1992	2253	2549	2876	3247	3681	4166
32.5°	1282	1456	1645	1862	2115	2411	2746	3133	3570	4068	4675
30°	1334	1515	1720	1957	2241	2576	2963	3393	3898	4525	5247
27.5°	1381	1578	1799	2059	2363	2730	3168	3681	4277	4983	5827
25°	1428	1633	1874	2154	2493	2896	3373	3937	4651	5488	6490
22.5°	1472	1689	1941	2245	2612	3058	3594	4237	5022	5953	7133
20°	1515	1744	2012	2332	2714	3204	3795	4513	5405	6502	7812
17.5°	1551	1795	2079	2422	2841	3353	3981	4790	5752	7007	8466
15°	1586	1839	2138	2501	2951	3503	4182	5030	6119	7484	9035
12.5°	1614	1874	2190	2572	3046	3630	4356	5275	6474	7934	9528
10°	1633	1906	2229	2628	3125	3732	4498	5472	6762	8301	9938
7.5°	1653	1929	2261	2671	3184	3811	4608	5626	6983	8585	10254
5°	1669	1949	2284	2703	3223	3870	4691	5725	7141	8786	10478
2.5°	1681	1965	2304	2730	3255	3933	4766	5831	7291	8956	10680
0°	1681	1969	2304	2730	3251	3945	4778	5839	7310	8952	10707
-2.5°	1681	1965	2304	2730	3255	3933	4766	5831	7291	8956	10680
-5°	1669	1949	2284	2703	3223	3870	4691	5725	7141	8786	10478
-7.5°	1653	1929	2261	2671	3184	3811	4608	5626	6983	8585	10254
-10°	1633	1906	2229	2628	3125	3732	4498	5472	6762	8301	9938
-12.5°	1614	1874	2190	2572	3046	3630	4356	5275	6474	7934	9528
-15°	1586	1839	2138	2501	2951	3503	4182	5030	6119	7484	9035
-17.5°	1551	1795	2079	2422	2841	3353	3981	4790	5752	7007	8466
-20°	1515	1744	2012	2332	2714	3204	3795	4513	5405	6502	7812



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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°	1472	1689	1941	2245	2612	3058	3594	4237	5022	5953	7133
-25°	1428	1633	1874	2154	2493	2896	3373	3937	4651	5488	6490
-27.5°	1381	1578	1799	2059	2363	2730	3168	3681	4277	4983	5827
-30°	1334	1515	1720	1957	2241	2576	2963	3393	3898	4525	5247
-32.5°	1282	1456	1645	1862	2115	2411	2746	3133	3570	4068	4675
-35°	1231	1389	1566	1764	1992	2253	2549	2876	3247	3681	4166
-37.5°	1180	1322	1483	1665	1870	2095	2359	2639	2959	3318	3716
-40°	1124	1255	1405	1570	1748	1941	2170	2411	2687	2983	3314
-42.5°	1077	1191	1326	1464	1629	1803	1988	2209	2434	2683	2951
-45°	1022	1128	1247	1377	1511	1665	1835	2008	2209	2411	2631
-47.5°	967	1065	1176	1282	1405	1535	1677	1835	1992	2170	2359
-50°	915	1006	1097	1195	1302	1412	1535	1665	1807	1949	2099
-52.5°	860	943	1026	1109	1203	1298	1401	1511	1629	1752	1874
-55°	805	884	955	1030	1105	1191	1278	1373	1464	1570	1669
-57.5°	754	821	884	951	1018	1085	1164	1239	1322	1405	1483
-60°	706	761	817	876	935	994	1049	1117	1188	1251	1322
-62.5°	659	702	750	797	848	900	951	1002	1061	1117	1172
-65°	608	647	687	726	769	813	856	896	939	990	1034
-67.5°	556	592	623	659	690	726	761	797	832	872	911
-70°	509	533	564	592	616	639	667	698	730	765	797
-72.5°	458	477	501	529	541	548	568	592	623	659	690
-75°	395	422	434	450	458	454	454	462	493	537	576
-77.5°	324	343	359	375	371	367	359	351	379	414	450
-80°	253	268	284	296	296	284	272	256	284	320	355
-82.5°	193	205	213	221	221	213	205	193	217	241	268
-85°	130	142	146	154	150	142	138	130	146	162	182
-87.5°	67	71	75	75	75	71	67	63	71	79	87
-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°	99	99	99	99	95	99	99	103	107	95	83
85°	197	201	201	201	201	201	201	201	201	182	162
82.5°	296	308	316	328	335	335	331	328	320	288	253
80°	391	410	422	434	446	442	438	430	426	387	347
77.5°	485	509	525	537	548	552	548	548	544	509	466
75°	608	627	643	659	675	683	687	687	687	655	616
72.5°	718	742	765	789	809	821	832	840	848	832	809
70°	832	860	888	915	943	963	978	994	1002	1006	1006
67.5°	951	986	1022	1057	1089	1117	1136	1156	1172	1188	1195
65°	1081	1128	1172	1211	1247	1282	1310	1337	1361	1381	1393
62.5°	1227	1282	1334	1385	1424	1468	1511	1551	1582	1610	1629
60°	1389	1456	1519	1582	1645	1696	1752	1799	1839	1874	1906
57.5°	1570	1653	1732	1815	1886	1953	2020	2087	2146	2194	2233
55°	1771	1874	1977	2075	2174	2265	2351	2438	2517	2580	2635
52.5°	2004	2127	2257	2379	2513	2631	2742	2860	2967	3062	3140
50°	2253	2411	2580	2738	2912	3077	3227	3377	3527	3657	3764
47.5°	2545	2734	2955	3172	3385	3610	3819	4016	4221	4395	4541
45°	2860	3125	3385	3677	3945	4249	4537	4825	5078	5330	5543
42.5°	3235	3567	3898	4273	4640	5022	5429	5792	6170	6541	6849
40°	3681	4071	4529	4979	5488	5969	6545	7054	7535	8005	8403
37.5°	4170	4687	5251	5823	6514	7192	7867	8506	9078	9603	10021
35°	4734	5385	6056	6888	7709	8537	9311	10037	10688	11220	11662
32.5°	5381	6151	7078	8044	8995	9914	10837	11556	12234	12842	13362
30°	6068	7070	8151	9232	10269	11268	12199	13063	13852	14534	15118
27.5°	6873	8032	9236	10396	11508	12585	13643	14629	15493	16211	16937
25°	7670	8999	10285	11512	12715	13919	15083	16191	17201	18081	18866
22.5°	8510	9899	11256	12558	13923	15232	16507	17769	18929	19943	20827
20°	9287	10778	12163	13615	15094	16515	17947	19312	20606	21829	22835
17.5°	9981	11500	13011	14542	16156	17765	19320	20799	22275	23699	24953
15°	10601	12195	13745	15414	17154	18886	20618	22247	23908	25486	26890
12.5°	11149	12794	14443	16219	18037	19840	21738	23632	25474	27175	28697
10°	11603	13311	15079	16917	18807	20712	22756	24859	26831	28638	30295
7.5°	11946	13702	15548	17458	19450	21490	23624	25766	27853	29794	31530
5°	12191	13962	15860	17809	19884	22014	24291	26575	28705	30713	32489
2.5°	12412	14195	16128	18002	20117	22326	24606	26973	29151	31214	33191
0°	12471	14290	16242	18168	20223	22440	24764	27076	29309	31550	33408
-2.5°	12412	14195	16128	18002	20117	22326	24606	26973	29151	31214	33191
-5°	12191	13962	15860	17809	19884	22014	24291	26575	28705	30713	32489
-7.5°	11946	13702	15548	17458	19450	21490	23624	25766	27853	29794	31530
-10°	11603	13311	15079	16917	18807	20712	22756	24859	26831	28638	30295
-12.5°	11149	12794	14443	16219	18037	19840	21738	23632	25474	27175	28697
-15°	10601	12195	13745	15414	17154	18886	20618	22247	23908	25486	26890
-17.5°	9981	11500	13011	14542	16156	17765	19320	20799	22275	23699	24953
-20°	9287	10778	12163	13615	15094	16515	17947	19312	20606	21829	22835



REPORT NUMBER: P622281

CATALOG NUMBER: IFLD-L-SA7B-760-U-66

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	8510	9899	11256	12558	13923	15232	16507	17769	18929	19943	20827
-25°	7670	8999	10285	11512	12715	13919	15083	16191	17201	18081	18866
-27.5°	6873	8032	9236	10396	11508	12585	13643	14629	15493	16211	16937
-30°	6068	7070	8151	9232	10269	11268	12199	13063	13852	14534	15118
-32.5°	5381	6151	7078	8044	8995	9914	10837	11556	12234	12842	13362
-35°	4734	5385	6056	6888	7709	8537	9311	10037	10688	11220	11662
-37.5°	4170	4687	5251	5823	6514	7192	7867	8506	9078	9603	10021
-40°	3681	4071	4529	4979	5488	5969	6545	7054	7535	8005	8403
-42.5°	3235	3567	3898	4273	4640	5022	5429	5792	6170	6541	6849
-45°	2860	3125	3385	3677	3945	4249	4537	4825	5078	5330	5543
-47.5°	2545	2734	2955	3172	3385	3610	3819	4016	4221	4395	4541
-50°	2253	2411	2580	2738	2912	3077	3227	3377	3527	3657	3764
-52.5°	2004	2127	2257	2379	2513	2631	2742	2860	2967	3062	3140
-55°	1771	1874	1977	2075	2174	2265	2351	2438	2517	2580	2635
-57.5°	1570	1653	1732	1815	1886	1953	2020	2087	2146	2194	2233
-60°	1389	1456	1519	1582	1645	1696	1752	1799	1839	1874	1906
-62.5°	1227	1282	1334	1385	1424	1468	1511	1551	1582	1610	1629
-65°	1081	1128	1172	1211	1247	1282	1310	1337	1361	1381	1393
-67.5°	951	986	1022	1057	1089	1117	1136	1156	1172	1188	1195
-70°	832	860	888	915	943	963	978	994	1002	1006	1006
-72.5°	718	742	765	789	809	821	832	840	848	852	859
-75°	608	627	643	659	675	683	687	687	687	687	687
-77.5°	485	509	525	537	548	552	548	548	544	509	466
-80°	391	410	422	434	446	442	438	430	426	387	347
-82.5°	296	308	316	328	335	335	331	328	320	288	253
-85°	197	201	201	201	201	201	201	201	201	182	162
-87.5°	99	99	99	99	95	99	99	103	107	95	83
-90°	0	0	0	0	0	0	0	0	0	0	0



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**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°	67	55	51	43	51	55	67	83	95	107	103
85°	138	114	111	103	111	114	138	162	182	201	201
82.5°	221	182	174	166	174	182	221	253	288	320	328
80°	312	264	256	249	256	264	312	347	387	426	430
77.5°	422	379	363	351	363	379	422	466	509	544	548
75°	572	529	517	505	517	529	572	616	655	687	687
72.5°	781	761	730	702	730	761	781	809	832	848	840
70°	1010	1018	1010	998	1010	1018	1010	1006	1006	1002	994
67.5°	1199	1207	1207	1211	1207	1207	1199	1195	1188	1172	1156
65°	1405	1408	1420	1424	1420	1408	1405	1393	1381	1361	1337
62.5°	1641	1653	1661	1661	1661	1653	1641	1629	1610	1582	1551
60°	1925	1941	1961	1965	1961	1941	1925	1906	1874	1839	1799
57.5°	2265	2284	2312	2320	2312	2284	2265	2233	2194	2146	2087
55°	2675	2703	2718	2710	2718	2703	2675	2635	2580	2517	2438
52.5°	3207	3255	3286	3271	3286	3255	3207	3140	3062	2967	2860
50°	3851	3910	3949	3937	3949	3910	3851	3764	3657	3527	3377
47.5°	4655	4738	4805	4809	4805	4738	4655	4541	4395	4221	4016
45°	5713	5835	5926	5910	5926	5835	5713	5543	5330	5078	4825
42.5°	7086	7255	7389	7378	7389	7255	7086	6849	6541	6170	5792
40°	8699	8908	9086	9133	9086	8908	8699	8403	8005	7535	7054
37.5°	10360	10628	10853	10830	10853	10628	10360	10021	9603	9078	8506
35°	12029	12309	12530	12550	12530	12309	12029	11662	11220	10688	10037
32.5°	13777	14088	14349	14384	14349	14088	13777	13362	12842	12234	11556
30°	15599	15974	16286	16349	16286	15974	15599	15118	14534	13852	13063
27.5°	17517	17963	18258	18373	18258	17963	17517	16937	16211	15493	14629
25°	19493	19979	20310	20495	20310	19979	19493	18866	18081	17201	16191
22.5°	21557	22133	22563	22768	22563	22133	21557	20827	19943	18929	17769
20°	23687	24314	24815	25028	24815	24314	23687	22835	21829	20606	19312
17.5°	25857	26622	27178	27451	27178	26622	25857	24953	23699	22275	20799
15°	27964	28776	29380	29672	29380	28776	27964	26890	25486	23908	22247
12.5°	29916	30776	31380	31802	31380	30776	29916	28697	27175	25474	23632
10°	31660	32599	33211	33649	33211	32599	31660	30295	28638	26831	24859
7.5°	32966	34154	34844	35274	34844	34154	32966	31530	29794	27853	25766
5°	33968	35278	35905	36312	35905	35278	33968	32489	30713	28705	26575
2.5°	34702	35736	36521	36927	36521	35736	34702	33191	31214	29151	26973
0°	34990	36205	36761	37026	36761	36205	34990	33408	31550	29309	27076
-2.5°	34702	35736	36521	36927	36521	35736	34702	33191	31214	29151	26973
-5°	33968	35278	35905	36312	35905	35278	33968	32489	30713	28705	26575
-7.5°	32966	34154	34844	35274	34844	34154	32966	31530	29794	27853	25766
-10°	31660	32599	33211	33649	33211	32599	31660	30295	28638	26831	24859
-12.5°	29916	30776	31380	31802	31380	30776	29916	28697	27175	25474	23632
-15°	27964	28776	29380	29672	29380	28776	27964	26890	25486	23908	22247
-17.5°	25857	26622	27178	27451	27178	26622	25857	24953	23699	22275	20799
-20°	23687	24314	24815	25028	24815	24314	23687	22835	21829	20606	19312



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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°	21557	22133	22563	22768	22563	22133	21557	20827	19943	18929	17769
-25°	19493	19979	20310	20495	20310	19979	19493	18866	18081	17201	16191
-27.5°	17517	17963	18258	18373	18258	17963	17517	16937	16211	15493	14629
-30°	15599	15974	16286	16349	16286	15974	15599	15118	14534	13852	13063
-32.5°	13777	14088	14349	14384	14349	14088	13777	13362	12842	12234	11556
-35°	12029	12309	12530	12550	12530	12309	12029	11662	11220	10688	10037
-37.5°	10360	10628	10853	10830	10853	10628	10360	10021	9603	9078	8506
-40°	8699	8908	9086	9133	9086	8908	8699	8403	8005	7535	7054
-42.5°	7086	7255	7389	7378	7389	7255	7086	6849	6541	6170	5792
-45°	5713	5835	5926	5910	5926	5835	5713	5543	5330	5078	4825
-47.5°	4655	4738	4805	4809	4805	4738	4655	4541	4395	4221	4016
-50°	3851	3910	3949	3937	3949	3910	3851	3764	3657	3527	3377
-52.5°	3207	3255	3286	3271	3286	3255	3207	3140	3062	2967	2860
-55°	2675	2703	2718	2710	2718	2703	2675	2635	2580	2517	2438
-57.5°	2265	2284	2312	2320	2312	2284	2265	2233	2194	2146	2087
-60°	1925	1941	1961	1965	1961	1941	1925	1906	1874	1839	1799
-62.5°	1641	1653	1661	1661	1661	1653	1641	1629	1610	1582	1551
-65°	1405	1408	1420	1424	1420	1408	1405	1393	1381	1361	1337
-67.5°	1199	1207	1207	1211	1207	1207	1199	1195	1188	1172	1156
-70°	1010	1018	1010	998	1010	1018	1010	1006	1006	1002	994
-72.5°	781	761	730	702	730	761	781	809	832	848	840
-75°	572	529	517	505	517	529	572	616	655	687	687
-77.5°	422	379	363	351	363	379	422	466	509	544	548
-80°	312	264	256	249	256	264	312	347	387	426	430
-82.5°	221	182	174	166	174	182	221	253	288	320	328
-85°	138	114	111	103	111	114	138	162	182	201	201
-87.5°	67	55	51	43	51	55	67	83	95	107	103
-90°	0	0	0	0	0	0	0	0	0	0	0



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**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°	99	99	95	99	99	99	99	87	79	71	63
85°	201	201	201	201	201	201	197	182	162	146	130
82.5°	331	335	335	328	316	308	296	268	241	217	193
80°	438	442	446	434	422	410	391	355	320	284	256
77.5°	548	552	548	537	525	509	485	450	414	379	351
75°	687	683	675	659	643	627	608	576	537	493	462
72.5°	832	821	809	789	765	742	718	690	659	623	592
70°	978	963	943	915	888	860	832	797	765	730	698
67.5°	1136	1117	1089	1057	1022	986	951	911	872	832	797
65°	1310	1282	1247	1211	1172	1128	1081	1034	990	939	896
62.5°	1511	1468	1424	1385	1334	1282	1227	1172	1117	1061	1002
60°	1752	1696	1645	1582	1519	1456	1389	1322	1251	1188	1117
57.5°	2020	1953	1886	1815	1732	1653	1570	1483	1405	1322	1239
55°	2351	2265	2174	2075	1977	1874	1771	1669	1570	1464	1373
52.5°	2742	2631	2513	2379	2257	2127	2004	1874	1752	1629	1511
50°	3227	3077	2912	2738	2580	2411	2253	2099	1949	1807	1665
47.5°	3819	3610	3385	3172	2955	2734	2545	2359	2170	1992	1835
45°	4537	4249	3945	3677	3385	3125	2860	2631	2411	2209	2008
42.5°	5429	5022	4640	4273	3898	3567	3235	2951	2683	2434	2209
40°	6545	5969	5488	4979	4529	4071	3681	3314	2983	2687	2411
37.5°	7867	7192	6514	5823	5251	4687	4170	3716	3318	2959	2639
35°	9311	8537	7709	6888	6056	5385	4734	4166	3681	3247	2876
32.5°	10837	9914	8995	8044	7078	6151	5381	4675	4068	3570	3133
30°	12199	11268	10269	9232	8151	7070	6068	5247	4525	3898	3393
27.5°	13643	12585	11508	10396	9236	8032	6873	5827	4983	4277	3681
25°	15083	13919	12715	11512	10285	8999	7670	6490	5488	4651	3937
22.5°	16507	15232	13923	12558	11256	9899	8510	7133	5953	5022	4237
20°	17947	16515	15094	13615	12163	10778	9287	7812	6502	5405	4513
17.5°	19320	17765	16156	14542	13011	11500	9981	8466	7007	5752	4790
15°	20618	18886	17154	15414	13745	12195	10601	9035	7484	6119	5030
12.5°	21738	19840	18037	16219	14443	12794	11149	9528	7934	6474	5275
10°	22756	20712	18807	16917	15079	13311	11603	9938	8301	6762	5472
7.5°	23624	21490	19450	17458	15548	13702	11946	10254	8585	6983	5626
5°	24291	22014	19884	17809	15860	13962	12191	10478	8786	7141	5725
2.5°	24606	22326	20117	18002	16128	14195	12412	10680	8956	7291	5831
0°	24764	22440	20223	18168	16242	14290	12471	10707	8952	7310	5839
-2.5°	24606	22326	20117	18002	16128	14195	12412	10680	8956	7291	5831
-5°	24291	22014	19884	17809	15860	13962	12191	10478	8786	7141	5725
-7.5°	23624	21490	19450	17458	15548	13702	11946	10254	8585	6983	5626
-10°	22756	20712	18807	16917	15079	13311	11603	9938	8301	6762	5472
-12.5°	21738	19840	18037	16219	14443	12794	11149	9528	7934	6474	5275
-15°	20618	18886	17154	15414	13745	12195	10601	9035	7484	6119	5030
-17.5°	19320	17765	16156	14542	13011	11500	9981	8466	7007	5752	4790
-20°	17947	16515	15094	13615	12163	10778	9287	7812	6502	5405	4513





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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°	16507	15232	13923	12558	11256	9899	8510	7133	5953	5022	4237
-25°	15083	13919	12715	11512	10285	8999	7670	6490	5488	4651	3937
-27.5°	13643	12585	11508	10396	9236	8032	6873	5827	4983	4277	3681
-30°	12199	11268	10269	9232	8151	7070	6068	5247	4525	3898	3393
-32.5°	10837	9914	8995	8044	7078	6151	5381	4675	4068	3570	3133
-35°	9311	8537	7709	6888	6056	5385	4734	4166	3681	3247	2876
-37.5°	7867	7192	6514	5823	5251	4687	4170	3716	3318	2959	2639
-40°	6545	5969	5488	4979	4529	4071	3681	3314	2983	2687	2411
-42.5°	5429	5022	4640	4273	3898	3567	3235	2951	2683	2434	2209
-45°	4537	4249	3945	3677	3385	3125	2860	2631	2411	2209	2008
-47.5°	3819	3610	3385	3172	2955	2734	2545	2359	2170	1992	1835
-50°	3227	3077	2912	2738	2580	2411	2253	2099	1949	1807	1665
-52.5°	2742	2631	2513	2379	2257	2127	2004	1874	1752	1629	1511
-55°	2351	2265	2174	2075	1977	1874	1771	1669	1570	1464	1373
-57.5°	2020	1953	1886	1815	1732	1653	1570	1483	1405	1322	1239
-60°	1752	1696	1645	1582	1519	1456	1389	1322	1251	1188	1117
-62.5°	1511	1468	1424	1385	1334	1282	1227	1172	1117	1061	1002
-65°	1310	1282	1247	1211	1172	1128	1081	1034	990	939	896
-67.5°	1136	1117	1089	1057	1022	986	951	911	872	832	797
-70°	978	963	943	915	888	860	832	797	765	730	698
-72.5°	832	821	809	789	765	742	718	690	659	623	592
-75°	687	683	675	659	643	627	608	576	537	493	462
-77.5°	548	552	548	537	525	509	485	450	414	379	351
-80°	438	442	446	434	422	410	391	355	320	284	256
-82.5°	331	335	335	328	316	308	296	268	241	217	193
-85°	201	201	201	201	201	201	197	182	162	146	130
-87.5°	99	99	95	99	99	99	99	87	79	71	63
-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°	67	71	75	75	75	71	67	63	55	51	47
85°	138	142	150	154	146	142	130	122	114	103	95
82.5°	205	213	221	221	213	205	193	182	170	154	138
80°	272	284	296	296	284	268	253	237	221	201	182
77.5°	359	367	371	375	359	343	324	296	272	249	225
75°	454	454	458	450	434	422	395	363	328	296	264
72.5°	568	548	541	529	501	477	458	430	383	339	304
70°	667	639	616	592	564	533	509	473	434	383	339
67.5°	761	726	690	659	623	592	556	513	470	422	375
65°	856	813	769	726	687	647	608	556	505	458	406
62.5°	951	900	848	797	750	702	659	600	541	489	434
60°	1049	994	935	876	817	761	706	643	580	517	462
57.5°	1164	1085	1018	951	884	821	754	687	619	552	485
55°	1278	1191	1105	1030	955	884	805	730	655	584	509
52.5°	1401	1298	1203	1109	1026	943	860	781	694	616	525
50°	1535	1412	1302	1195	1097	1006	915	825	734	647	544
47.5°	1677	1535	1405	1282	1176	1065	967	872	773	683	564
45°	1835	1665	1511	1377	1247	1128	1022	915	813	706	576
42.5°	1988	1803	1629	1464	1326	1191	1077	963	852	726	596
40°	2170	1941	1748	1570	1405	1255	1124	1006	892	750	612
37.5°	2359	2095	1870	1665	1483	1322	1180	1046	919	773	627
35°	2549	2253	1992	1764	1566	1389	1231	1089	947	793	643
32.5°	2746	2411	2115	1862	1645	1456	1282	1128	978	817	655
30°	2963	2576	2241	1957	1720	1515	1334	1168	1010	836	667
27.5°	3168	2730	2363	2059	1799	1578	1381	1207	1046	856	683
25°	3373	2896	2493	2154	1874	1633	1428	1243	1077	880	694
22.5°	3594	3058	2612	2245	1941	1689	1472	1282	1105	903	706
20°	3795	3204	2714	2332	2012	1744	1515	1314	1128	927	718
17.5°	3981	3353	2841	2422	2079	1795	1551	1341	1152	947	726
15°	4182	3503	2951	2501	2138	1839	1586	1369	1172	967	730
12.5°	4356	3630	3046	2572	2190	1874	1614	1389	1191	986	738
10°	4498	3732	3125	2628	2229	1906	1633	1408	1203	998	742
7.5°	4608	3811	3184	2671	2261	1929	1653	1420	1215	1010	742
5°	4691	3870	3223	2703	2284	1949	1669	1432	1227	1026	746
2.5°	4766	3933	3255	2730	2304	1965	1681	1440	1227	1022	738
0°	4778	3945	3251	2730	2304	1969	1681	1440	1223	1018	730
-2.5°	4766	3933	3255	2730	2304	1965	1681	1440	1227	1022	738
-5°	4691	3870	3223	2703	2284	1949	1669	1432	1227	1026	746
-7.5°	4608	3811	3184	2671	2261	1929	1653	1420	1215	1010	742
-10°	4498	3732	3125	2628	2229	1906	1633	1408	1203	998	742
-12.5°	4356	3630	3046	2572	2190	1874	1614	1389	1191	986	738
-15°	4182	3503	2951	2501	2138	1839	1586	1369	1172	967	730
-17.5°	3981	3353	2841	2422	2079	1795	1551	1341	1152	947	726
-20°	3795	3204	2714	2332	2012	1744	1515	1314	1128	927	718



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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°	3594	3058	2612	2245	1941	1689	1472	1282	1105	903	706
-25°	3373	2896	2493	2154	1874	1633	1428	1243	1077	880	694
-27.5°	3168	2730	2363	2059	1799	1578	1381	1207	1046	856	683
-30°	2963	2576	2241	1957	1720	1515	1334	1168	1010	836	667
-32.5°	2746	2411	2115	1862	1645	1456	1282	1128	978	817	655
-35°	2549	2253	1992	1764	1566	1389	1231	1089	947	793	643
-37.5°	2359	2095	1870	1665	1483	1322	1180	1046	919	773	627
-40°	2170	1941	1748	1570	1405	1255	1124	1006	892	750	612
-42.5°	1988	1803	1629	1464	1326	1191	1077	963	852	726	596
-45°	1835	1665	1511	1377	1247	1128	1022	915	813	706	576
-47.5°	1677	1535	1405	1282	1176	1065	967	872	773	683	564
-50°	1535	1412	1302	1195	1097	1006	915	825	734	647	544
-52.5°	1401	1298	1203	1109	1026	943	860	781	694	616	525
-55°	1278	1191	1105	1030	955	884	805	730	655	584	509
-57.5°	1164	1085	1018	951	884	821	754	687	619	552	485
-60°	1049	994	935	876	817	761	706	643	580	517	462
-62.5°	951	900	848	797	750	702	659	600	541	489	434
-65°	856	813	769	726	687	647	608	556	505	458	406
-67.5°	761	726	690	659	623	592	556	513	470	422	375
-70°	667	639	616	592	564	533	509	473	434	383	339
-72.5°	568	548	541	529	501	477	458	430	383	339	304
-75°	454	454	458	450	434	422	395	363	328	296	264
-77.5°	359	367	371	375	359	343	324	296	272	249	225
-80°	272	284	296	296	284	268	253	237	221	201	182
-82.5°	205	213	221	221	213	205	193	182	170	154	138
-85°	138	142	150	154	146	142	130	122	114	103	95
-87.5°	67	71	75	75	75	71	67	63	55	51	47
-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°	40	32	24	16	8	4	0
85°	83	63	43	28	16	8	0
82.5°	122	91	67	43	28	12	0
80°	162	122	87	59	36	16	0
77.5°	197	150	111	71	43	20	0
75°	229	174	130	87	51	24	0
72.5°	260	197	146	99	59	28	0
70°	292	221	162	114	67	32	0
67.5°	316	241	178	122	75	36	0
65°	335	260	189	130	83	36	0
62.5°	355	276	201	138	91	40	0
60°	379	292	217	146	95	43	0
57.5°	395	304	225	154	99	47	0
55°	410	320	233	162	107	51	0
52.5°	426	331	245	166	111	51	0
50°	438	343	253	170	114	55	0
47.5°	454	351	256	174	118	59	0
45°	466	363	264	178	122	59	0
42.5°	477	371	268	182	122	63	0
40°	489	375	276	189	126	67	0
37.5°	497	383	280	193	130	67	0
35°	501	387	284	197	134	71	0
32.5°	509	395	288	205	134	71	0
30°	521	395	288	209	138	71	0
27.5°	529	399	296	209	138	75	0
25°	533	399	300	213	142	75	0
22.5°	537	402	304	217	142	75	0
20°	541	406	308	221	146	79	0
17.5°	544	414	312	221	146	79	0
15°	552	418	312	221	146	83	0
12.5°	556	418	312	225	146	83	0
10°	560	422	312	225	150	79	0
7.5°	560	422	316	225	150	79	0
5°	560	426	312	225	146	79	0
2.5°	552	426	312	221	146	79	0
0°	548	422	308	221	146	79	0
-2.5°	552	426	312	221	146	79	0
-5°	560	426	312	225	146	79	0
-7.5°	560	422	316	225	150	79	0
-10°	560	422	312	225	150	79	0
-12.5°	556	418	312	225	146	83	0
-15°	552	418	312	221	146	83	0
-17.5°	544	414	312	221	146	79	0
-20°	541	406	308	221	146	79	0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	537	402	304	217	142	75	0
-25°	533	399	300	213	142	75	0
-27.5°	529	399	296	209	138	75	0
-30°	521	395	288	209	138	71	0
-32.5°	509	395	288	205	134	71	0
-35°	501	387	284	197	134	71	0
-37.5°	497	383	280	193	130	67	0
-40°	489	375	276	189	126	67	0
-42.5°	477	371	268	182	122	63	0
-45°	466	363	264	178	122	59	0
-47.5°	454	351	256	174	118	59	0
-50°	438	343	253	170	114	55	0
-52.5°	426	331	245	166	111	51	0
-55°	410	320	233	162	107	51	0
-57.5°	395	304	225	154	99	47	0
-60°	379	292	217	146	95	43	0
-62.5°	355	276	201	138	91	40	0
-65°	335	260	189	130	83	36	0
-67.5°	316	241	178	122	75	36	0
-70°	292	221	162	114	67	32	0
-72.5°	260	197	146	99	59	28	0
-75°	229	174	130	87	51	24	0
-77.5°	197	150	111	71	43	20	0
-80°	162	122	87	59	36	16	0
-82.5°	122	91	67	43	28	12	0
-85°	83	63	43	28	16	8	0
-87.5°	40	32	24	16	8	4	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)