

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: P622214

Luminaire Tested: **IFLD-S-SA6C-740-U-66**

Issue Date: 09/20/2022

Test Information

Test Method: LM-79-2019
Report Number: P622214
Test Lab: INNOVATION CENTER(G2)
Issue Date: 09/20/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6C-740-U-66
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 6 distribution lens
Light Source: (96) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

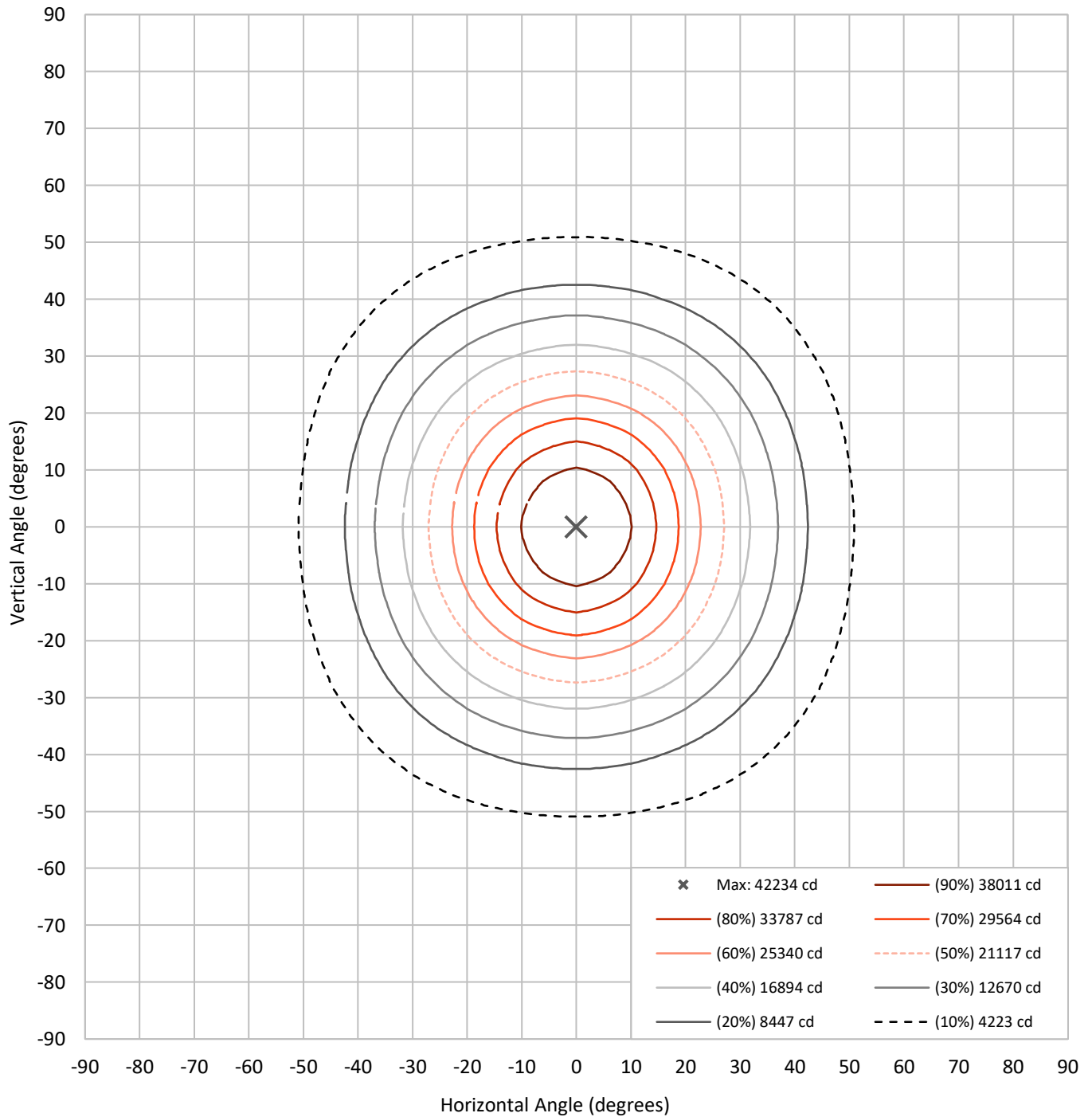
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	43803.6 lumens	Max Intensity:	42234 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	136.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	54.2°H x 54.7°V	Field Angle (10%):	101.7°H x 101.8°V
Beam Lumens:	21060.9 lumens	Field Lumens:	38442 lumens
Beam Efficiency:	48.1%	Field Efficiency:	87.8%
Input Watts (W):	321.5		
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





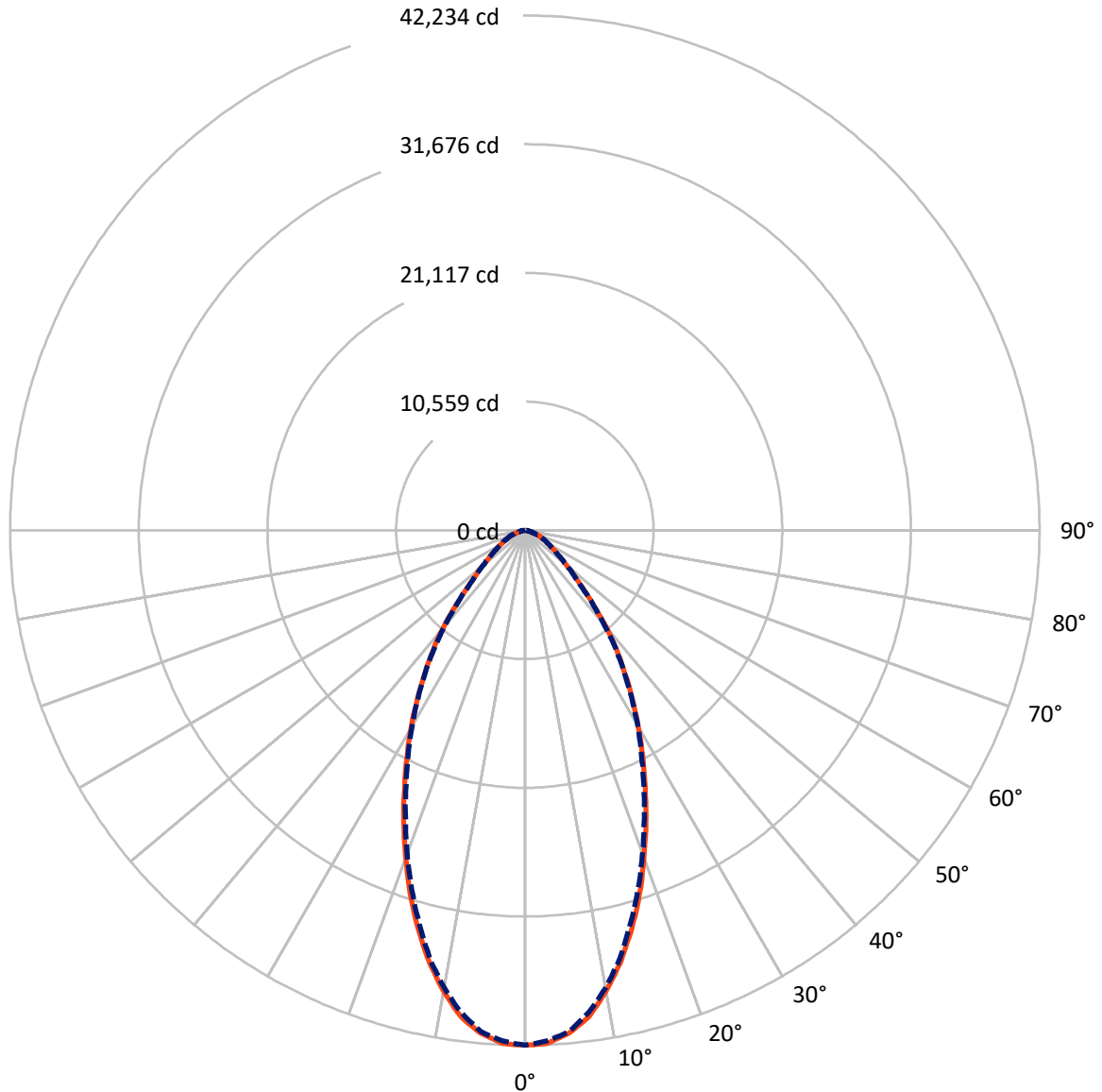
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Lumen Table

90	3.1	18.8	37.8	57.6	49.4	57.6	37.8	18.8	3.1							
80																
70	7.7	8.2	14.6	22.2	31.1	39.7	46.3	49.6	49.6	46.3	39.7	31.1	22.2	14.6	8.2	7.7
60																
50	10.3	10.9	20.7	34.0	51.0	69.5	86.2	96.2	96.2	86.2	69.5	51.0	34.0	20.7	10.9	10.3
40																
30	12.0	13.6	27.8	50.1	83.2	127.6	175.7	208.4	208.4	175.7	127.6	83.2	50.1	27.8	13.6	12.0
20																
10	12.5	16.2	35.9	72.2	138.5	244.9	356.2	425.4	425.4	356.2	244.9	138.5	72.2	35.9	16.2	12.5
0																
-10	12.0	18.6	44.1	100.1	221.6	399.9	574.5	689.5	689.5	574.5	399.9	221.6	100.1	44.1	18.6	12.0
-20																
-30	12.5	20.6	51.5	128.7	301.8	538.5	797.5	984.7	984.7	797.5	538.5	301.8	128.7	51.5	20.6	12.5
-40																
-50	10.3	21.6	55.9	147.6	348.4	624.6	951.2	1195.5	1195.5	951.2	624.6	348.4	147.6	55.9	21.6	10.3
-60																
-70	12.0	21.6	55.9	147.6	348.4	624.6	951.2	1195.5	1195.5	951.2	624.6	348.4	147.6	55.9	21.6	12.0
-80																
-90	10.3	20.6	51.5	128.7	301.8	538.5	797.5	984.7	984.7	797.5	538.5	301.8	128.7	51.5	20.6	10.3
	7.7	18.6	44.1	100.1	221.6	399.9	574.5	689.5	689.5	574.5	399.9	221.6	100.1	44.1	18.6	7.7
	7.7	10.9	20.7	34.0	51.0	69.5	86.2	96.2	96.2	86.2	69.5	51.0	34.0	20.7	10.9	7.7
	3.1	8.2	14.6	22.2	31.1	39.7	46.3	49.6	49.6	46.3	39.7	31.1	22.2	14.6	8.2	3.1
	3.1	18.8	37.8	57.6	49.4	57.6	37.8	18.8	3.1							

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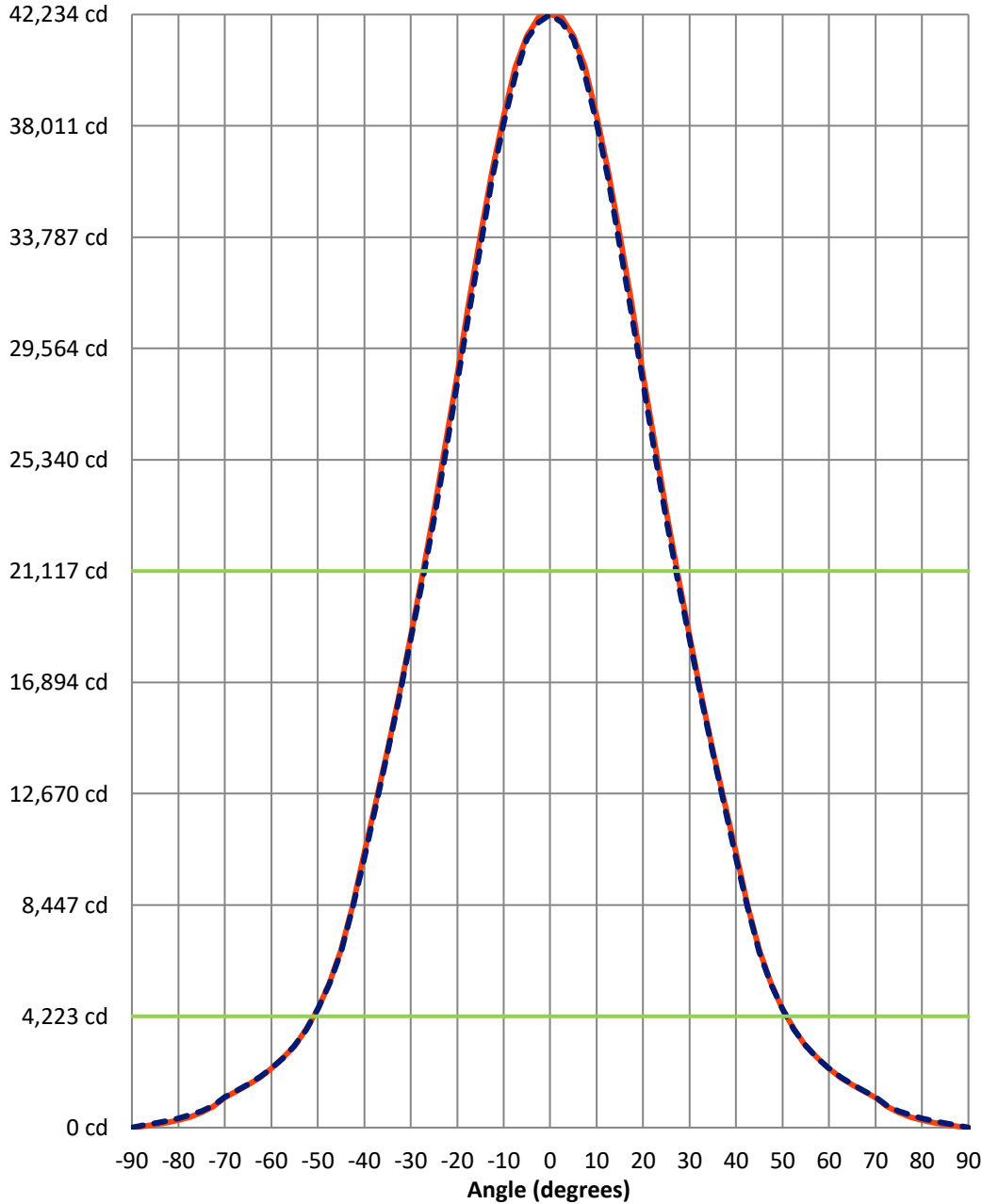
Luminous Intensity Polar Plot



— 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: 21060.9
 Efficiency: 48.1%

Field:
 H Angle: 101.7°
 V Angle: 101.8°
 Lumens: 38442
 Efficiency: 87.8%

Spill:
 Lumens: 5361.6
 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	9	18	27	36	45	54	59	63	72
85°	0	9	18	32	50	72	95	108	117	131	140
82.5°	0	14	32	50	77	104	140	158	176	194	207
80°	0	18	41	68	99	140	185	207	230	252	270
77.5°	0	23	50	81	126	171	225	257	284	311	338
75°	0	27	59	99	149	198	261	302	338	374	414
72.5°	0	32	68	113	167	225	297	347	387	437	491
70°	0	36	77	131	185	252	333	387	437	495	540
67.5°	0	41	86	140	203	275	360	428	482	536	585
65°	0	41	95	149	216	297	383	464	522	576	635
62.5°	0	45	104	158	230	315	405	495	558	617	684
60°	0	50	108	167	248	333	432	527	590	662	734
57.5°	0	54	113	176	257	347	450	554	630	707	783
55°	0	59	122	185	266	365	468	581	666	747	833
52.5°	0	59	126	189	279	378	486	599	702	792	891
50°	0	63	131	194	288	392	500	621	738	837	941
47.5°	0	68	135	198	293	401	518	644	779	882	995
45°	0	68	140	203	302	414	531	657	806	927	1044
42.5°	0	72	140	207	306	423	545	680	828	972	1098
40°	0	77	144	216	315	428	558	698	855	1017	1148
37.5°	0	77	149	221	320	437	567	716	882	1049	1193
35°	0	81	153	225	324	441	572	734	905	1080	1242
32.5°	0	81	153	234	329	450	581	747	932	1116	1287
30°	0	81	158	239	329	450	594	761	954	1152	1332
27.5°	0	86	158	239	338	455	603	779	977	1193	1377
25°	0	86	162	243	342	455	608	792	1004	1229	1418
22.5°	0	86	162	248	347	459	612	806	1031	1260	1463
20°	0	90	167	252	351	464	617	819	1058	1287	1499
17.5°	0	90	167	252	356	473	621	828	1080	1314	1530
15°	0	95	167	252	356	477	630	833	1103	1337	1562
12.5°	0	95	167	257	356	477	635	842	1125	1359	1584
10°	0	90	171	257	356	482	639	846	1139	1373	1607
7.5°	0	90	171	257	360	482	639	846	1152	1386	1620
5°	0	90	167	257	356	486	639	851	1170	1400	1634
2.5°	0	90	167	252	356	486	630	842	1166	1400	1643
0°	0	90	167	252	351	482	626	833	1161	1395	1643
-2.5°	0	90	167	252	356	486	630	842	1166	1400	1643
-5°	0	90	167	257	356	486	639	851	1170	1400	1634
-7.5°	0	90	171	257	360	482	639	846	1152	1386	1620
-10°	0	90	171	257	356	482	639	846	1139	1373	1607
-12.5°	0	95	167	257	356	477	635	842	1125	1359	1584
-15°	0	95	167	252	356	477	630	833	1103	1337	1562
-17.5°	0	90	167	252	356	473	621	828	1080	1314	1530
-20°	0	90	167	252	351	464	617	819	1058	1287	1499



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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	86	162	248	347	459	612	806	1031	1260	1463
-25°	0	86	162	243	342	455	608	792	1004	1229	1418
-27.5°	0	86	158	239	338	455	603	779	977	1193	1377
-30°	0	81	158	239	329	450	594	761	954	1152	1332
-32.5°	0	81	153	234	329	450	581	747	932	1116	1287
-35°	0	81	153	225	324	441	572	734	905	1080	1242
-37.5°	0	77	149	221	320	437	567	716	882	1049	1193
-40°	0	77	144	216	315	428	558	698	855	1017	1148
-42.5°	0	72	140	207	306	423	545	680	828	972	1098
-45°	0	68	140	203	302	414	531	657	806	927	1044
-47.5°	0	68	135	198	293	401	518	644	779	882	995
-50°	0	63	131	194	288	392	500	621	738	837	941
-52.5°	0	59	126	189	279	378	486	599	702	792	891
-55°	0	59	122	185	266	365	468	581	666	747	833
-57.5°	0	54	113	176	257	347	450	554	630	707	783
-60°	0	50	108	167	248	333	432	527	590	662	734
-62.5°	0	45	104	158	230	315	405	495	558	617	684
-65°	0	41	95	149	216	297	383	464	522	576	635
-67.5°	0	41	86	140	203	275	360	428	482	536	585
-70°	0	36	77	131	185	252	333	387	437	495	540
-72.5°	0	32	68	113	167	225	297	347	387	437	491
-75°	0	27	59	99	149	198	261	302	338	374	414
-77.5°	0	23	50	81	126	171	225	257	284	311	338
-80°	0	18	41	68	99	140	185	207	230	252	270
-82.5°	0	14	32	50	77	104	140	158	176	194	207
-85°	0	9	18	32	50	72	95	108	117	131	140
-87.5°	0	5	9	18	27	36	45	54	59	63	72
-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°	77	81	86	86	86	81	77	72	81	90	99
85°	149	162	167	176	171	162	158	149	167	185	207
82.5°	221	234	243	252	252	243	234	221	248	275	306
80°	288	306	324	338	338	324	311	293	324	365	405
77.5°	369	392	410	428	423	419	410	401	432	473	513
75°	450	482	495	513	522	518	518	527	563	612	657
72.5°	522	545	572	603	617	626	648	675	711	752	788
70°	581	608	644	675	702	729	761	797	833	873	909
67.5°	635	675	711	752	788	828	869	909	950	995	1040
65°	693	738	783	828	878	927	977	1022	1071	1130	1179
62.5°	752	801	855	909	968	1026	1085	1143	1211	1274	1337
60°	806	869	932	999	1067	1134	1197	1274	1355	1427	1508
57.5°	860	936	1008	1085	1161	1238	1328	1413	1508	1602	1692
55°	918	1008	1089	1175	1260	1359	1458	1566	1670	1791	1904
52.5°	981	1076	1170	1265	1373	1481	1598	1724	1859	1998	2138
50°	1044	1148	1251	1364	1485	1611	1751	1899	2061	2223	2394
47.5°	1103	1215	1341	1463	1602	1751	1913	2093	2273	2475	2691
45°	1166	1287	1422	1571	1724	1899	2093	2291	2520	2750	3002
42.5°	1229	1359	1512	1670	1859	2057	2268	2520	2777	3060	3366
40°	1283	1431	1602	1791	1994	2214	2475	2750	3065	3402	3780
37.5°	1346	1508	1692	1899	2133	2390	2691	3011	3375	3785	4239
35°	1404	1584	1787	2012	2273	2570	2907	3281	3704	4199	4752
32.5°	1463	1661	1877	2124	2412	2750	3132	3573	4073	4640	5333
30°	1521	1728	1962	2232	2556	2939	3380	3870	4446	5162	5985
27.5°	1575	1800	2052	2349	2696	3114	3614	4199	4878	5684	6647
25°	1629	1863	2138	2457	2844	3303	3848	4491	5306	6260	7403
22.5°	1679	1926	2214	2561	2979	3488	4100	4833	5729	6791	8136
20°	1728	1989	2295	2660	3096	3654	4329	5148	6165	7416	8910
17.5°	1769	2048	2372	2763	3240	3825	4541	5463	6561	7992	9657
15°	1809	2097	2439	2853	3366	3996	4770	5738	6980	8537	10305
12.5°	1841	2138	2498	2934	3474	4140	4968	6017	7385	9050	10868
10°	1863	2174	2543	2997	3564	4257	5130	6242	7713	9468	11336
7.5°	1886	2201	2579	3047	3632	4347	5256	6417	7965	9792	11696
5°	1904	2223	2606	3083	3677	4415	5351	6530	8145	10022	11952
2.5°	1917	2241	2628	3114	3713	4487	5436	6651	8316	10215	12182
0°	1917	2246	2628	3114	3708	4500	5450	6660	8339	10211	12213
-2.5°	1917	2241	2628	3114	3713	4487	5436	6651	8316	10215	12182
-5°	1904	2223	2606	3083	3677	4415	5351	6530	8145	10022	11952
-7.5°	1886	2201	2579	3047	3632	4347	5256	6417	7965	9792	11696
-10°	1863	2174	2543	2997	3564	4257	5130	6242	7713	9468	11336
-12.5°	1841	2138	2498	2934	3474	4140	4968	6017	7385	9050	10868
-15°	1809	2097	2439	2853	3366	3996	4770	5738	6980	8537	10305
-17.5°	1769	2048	2372	2763	3240	3825	4541	5463	6561	7992	9657
-20°	1728	1989	2295	2660	3096	3654	4329	5148	6165	7416	8910



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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°	1679	1926	2214	2561	2979	3488	4100	4833	5729	6791	8136
-25°	1629	1863	2138	2457	2844	3303	3848	4491	5306	6260	7403
-27.5°	1575	1800	2052	2349	2696	3114	3614	4199	4878	5684	6647
-30°	1521	1728	1962	2232	2556	2939	3380	3870	4446	5162	5985
-32.5°	1463	1661	1877	2124	2412	2750	3132	3573	4073	4640	5333
-35°	1404	1584	1787	2012	2273	2570	2907	3281	3704	4199	4752
-37.5°	1346	1508	1692	1899	2133	2390	2691	3011	3375	3785	4239
-40°	1283	1431	1602	1791	1994	2214	2475	2750	3065	3402	3780
-42.5°	1229	1359	1512	1670	1859	2057	2268	2520	2777	3060	3366
-45°	1166	1287	1422	1571	1724	1899	2093	2291	2520	2750	3002
-47.5°	1103	1215	1341	1463	1602	1751	1913	2093	2273	2475	2691
-50°	1044	1148	1251	1364	1485	1611	1751	1899	2061	2223	2394
-52.5°	981	1076	1170	1265	1373	1481	1598	1724	1859	1998	2138
-55°	918	1008	1089	1175	1260	1359	1458	1566	1670	1791	1904
-57.5°	860	936	1008	1085	1161	1238	1328	1413	1508	1602	1692
-60°	806	869	932	999	1067	1134	1197	1274	1355	1427	1508
-62.5°	752	801	855	909	968	1026	1085	1143	1211	1274	1337
-65°	693	738	783	828	878	927	977	1022	1071	1130	1179
-67.5°	635	675	711	752	788	828	869	909	950	995	1040
-70°	581	608	644	675	702	729	761	797	833	873	909
-72.5°	522	545	572	603	617	626	648	675	711	752	788
-75°	450	482	495	513	522	518	518	527	563	612	657
-77.5°	369	392	410	428	423	419	410	401	432	473	513
-80°	288	306	324	338	338	324	311	293	324	365	405
-82.5°	221	234	243	252	252	243	234	221	248	275	306
-85°	149	162	167	176	171	162	158	149	167	185	207
-87.5°	77	81	86	86	86	81	77	72	81	90	99
-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°	113	113	113	113	108	113	113	117	122	108	95
85°	225	230	230	230	230	230	230	230	230	207	185
82.5°	338	351	360	374	383	383	378	374	365	329	288
80°	446	468	482	495	509	504	500	491	486	441	396
77.5°	554	581	599	612	626	630	626	626	621	581	531
75°	693	716	734	752	770	779	783	783	783	747	702
72.5°	819	846	873	900	923	936	950	959	968	950	923
70°	950	981	1013	1044	1076	1098	1116	1134	1143	1148	1148
67.5°	1085	1125	1166	1206	1242	1274	1296	1319	1337	1355	1364
65°	1233	1287	1337	1382	1422	1463	1494	1526	1553	1575	1589
62.5°	1400	1463	1521	1580	1625	1674	1724	1769	1805	1836	1859
60°	1584	1661	1733	1805	1877	1935	1998	2052	2097	2138	2174
57.5°	1791	1886	1976	2070	2151	2228	2304	2381	2448	2502	2547
55°	2021	2138	2255	2367	2480	2583	2682	2781	2871	2943	3006
52.5°	2286	2426	2574	2714	2867	3002	3128	3263	3384	3492	3582
50°	2570	2750	2943	3123	3321	3510	3681	3852	4023	4172	4293
47.5°	2903	3119	3371	3618	3861	4118	4356	4581	4815	5013	5180
45°	3263	3564	3861	4194	4500	4847	5175	5504	5792	6080	6323
42.5°	3690	4068	4446	4874	5292	5729	6192	6606	7038	7461	7812
40°	4199	4644	5166	5679	6260	6809	7466	8046	8595	9131	9585
37.5°	4757	5346	5990	6642	7430	8204	8973	9702	10355	10953	11430
35°	5400	6143	6908	7857	8793	9738	10620	11448	12191	12798	13303
32.5°	6138	7016	8073	9176	10260	11309	12362	13181	13955	14648	15242
30°	6921	8064	9297	10530	11714	12853	13915	14900	15800	16579	17245
27.5°	7839	9162	10535	11858	13127	14356	15562	16687	17672	18491	19319
25°	8748	10265	11732	13132	14504	15877	17204	18469	19621	20624	21520
22.5°	9707	11291	12839	14324	15881	17375	18829	20269	21592	22748	23756
20°	10593	12294	13874	15530	17218	18838	20471	22028	23504	24899	26047
17.5°	11385	13118	14842	16588	18428	20264	22037	23725	25408	27032	28464
15°	12092	13910	15679	17582	19567	21542	23518	25376	27271	29071	30673
12.5°	12717	14594	16475	18500	20575	22631	24796	26956	29058	30997	32734
10°	13235	15184	17200	19297	21452	23626	25957	28356	30606	32667	34557
7.5°	13627	15629	17735	19913	22186	24512	26947	29391	31771	33985	35965
5°	13906	15926	18091	20314	22681	25111	27708	30313	32743	35034	37059
2.5°	14158	16192	18397	20534	22946	25466	28068	30768	33252	35605	37860
0°	14225	16300	18527	20723	23068	25597	28248	30885	33432	35988	38107
-2.5°	14158	16192	18397	20534	22946	25466	28068	30768	33252	35605	37860
-5°	13906	15926	18091	20314	22681	25111	27708	30313	32743	35034	37059
-7.5°	13627	15629	17735	19913	22186	24512	26947	29391	31771	33985	35965
-10°	13235	15184	17200	19297	21452	23626	25957	28356	30606	32667	34557
-12.5°	12717	14594	16475	18500	20575	22631	24796	26956	29058	30997	32734
-15°	12092	13910	15679	17582	19567	21542	23518	25376	27271	29071	30673
-17.5°	11385	13118	14842	16588	18428	20264	22037	23725	25408	27032	28464
-20°	10593	12294	13874	15530	17218	18838	20471	22028	23504	24899	26047



REPORT NUMBER: P622214
 CATALOG NUMBER: IFLD-S-SA6C-740-U-66

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	9707	11291	12839	14324	15881	17375	18829	20269	21592	22748	23756
-25°	8748	10265	11732	13132	14504	15877	17204	18469	19621	20624	21520
-27.5°	7839	9162	10535	11858	13127	14356	15562	16687	17672	18491	19319
-30°	6921	8064	9297	10530	11714	12853	13915	14900	15800	16579	17245
-32.5°	6138	7016	8073	9176	10260	11309	12362	13181	13955	14648	15242
-35°	5400	6143	6908	7857	8793	9738	10620	11448	12191	12798	13303
-37.5°	4757	5346	5990	6642	7430	8204	8973	9702	10355	10953	11430
-40°	4199	4644	5166	5679	6260	6809	7466	8046	8595	9131	9585
-42.5°	3690	4068	4446	4874	5292	5729	6192	6606	7038	7461	7812
-45°	3263	3564	3861	4194	4500	4847	5175	5504	5792	6080	6323
-47.5°	2903	3119	3371	3618	3861	4118	4356	4581	4815	5013	5180
-50°	2570	2750	2943	3123	3321	3510	3681	3852	4023	4172	4293
-52.5°	2286	2426	2574	2714	2867	3002	3128	3263	3384	3492	3582
-55°	2021	2138	2255	2367	2480	2583	2682	2781	2871	2943	3006
-57.5°	1791	1886	1976	2070	2151	2228	2304	2381	2448	2502	2547
-60°	1584	1661	1733	1805	1877	1935	1998	2052	2097	2138	2174
-62.5°	1400	1463	1521	1580	1625	1674	1724	1769	1805	1836	1859
-65°	1233	1287	1337	1382	1422	1463	1494	1526	1553	1575	1589
-67.5°	1085	1125	1166	1206	1242	1274	1296	1319	1337	1355	1364
-70°	950	981	1013	1044	1076	1098	1116	1134	1143	1148	1148
-72.5°	819	846	873	900	923	936	950	959	968	950	923
-75°	693	716	734	752	770	779	783	783	783	747	702
-77.5°	554	581	599	612	626	630	626	626	621	581	531
-80°	446	468	482	495	509	504	500	491	486	441	396
-82.5°	338	351	360	374	383	383	378	374	365	329	288
-85°	225	230	230	230	230	230	230	230	230	207	185
-87.5°	113	113	113	113	108	113	113	117	122	108	95
-90°	0	0	0	0	0	0	0	0	0	0	0



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 CATALOG NUMBER: IFLD-S-SA6C-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°	77	63	59	50	59	63	77	95	108	122	117
85°	158	131	126	117	126	131	158	185	207	230	230
82.5°	252	207	198	189	198	207	252	288	329	365	374
80°	356	302	293	284	293	302	356	396	441	486	491
77.5°	482	432	414	401	414	432	482	531	581	621	626
75°	653	603	590	576	590	603	653	702	747	783	783
72.5°	891	869	833	801	833	869	891	923	950	968	959
70°	1152	1161	1152	1139	1152	1161	1152	1148	1148	1143	1134
67.5°	1368	1377	1377	1382	1377	1377	1368	1364	1355	1337	1319
65°	1602	1607	1620	1625	1620	1607	1602	1589	1575	1553	1526
62.5°	1872	1886	1895	1895	1895	1886	1872	1859	1836	1805	1769
60°	2196	2214	2237	2241	2237	2214	2196	2174	2138	2097	2052
57.5°	2583	2606	2637	2646	2637	2606	2583	2547	2502	2448	2381
55°	3051	3083	3101	3092	3101	3083	3051	3006	2943	2871	2781
52.5°	3659	3713	3749	3731	3749	3713	3659	3582	3492	3384	3263
50°	4392	4460	4505	4491	4505	4460	4392	4293	4172	4023	3852
47.5°	5310	5405	5481	5486	5481	5405	5310	5180	5013	4815	4581
45°	6516	6656	6759	6741	6759	6656	6516	6323	6080	5792	5504
42.5°	8082	8276	8429	8415	8429	8276	8082	7812	7461	7038	6606
40°	9923	10161	10364	10418	10364	10161	9923	9585	9131	8595	8046
37.5°	11817	12123	12380	12353	12380	12123	11817	11430	10953	10355	9702
35°	13721	14041	14293	14315	14293	14041	13721	13303	12798	12191	11448
32.5°	15715	16070	16367	16408	16367	16070	15715	15242	14648	13955	13181
30°	17794	18221	18577	18649	18577	18221	17794	17245	16579	15800	14900
27.5°	19981	20489	20827	20957	20827	20489	19981	19319	18491	17672	16687
25°	22235	22789	23167	23378	23167	22789	22235	21520	20624	19621	18469
22.5°	24589	25246	25736	25970	25736	25246	24589	23756	22748	21592	20269
20°	27019	27735	28306	28549	28306	27735	27019	26047	24899	23504	22028
17.5°	29494	30367	31002	31312	31002	30367	29494	28464	27032	25408	23725
15°	31897	32824	33513	33846	33513	32824	31897	30673	29071	27271	25376
12.5°	34125	35106	35794	36276	35794	35106	34125	32734	30997	29058	26956
10°	36114	37185	37882	38382	37882	37185	36114	34557	32667	30606	28356
7.5°	37603	38958	39745	40236	39745	38958	37603	35965	33985	31771	29391
5°	38746	40240	40956	41420	40956	40240	38746	37059	35034	32743	30313
2.5°	39583	40762	41658	42122	41658	40762	39583	37860	35605	33252	30768
0°	39912	41298	41933	42234	41933	41298	39912	38107	35988	33432	30885
-2.5°	39583	40762	41658	42122	41658	40762	39583	37860	35605	33252	30768
-5°	38746	40240	40956	41420	40956	40240	38746	37059	35034	32743	30313
-7.5°	37603	38958	39745	40236	39745	38958	37603	35965	33985	31771	29391
-10°	36114	37185	37882	38382	37882	37185	36114	34557	32667	30606	28356
-12.5°	34125	35106	35794	36276	35794	35106	34125	32734	30997	29058	26956
-15°	31897	32824	33513	33846	33513	32824	31897	30673	29071	27271	25376
-17.5°	29494	30367	31002	31312	31002	30367	29494	28464	27032	25408	23725
-20°	27019	27735	28306	28549	28306	27735	27019	26047	24899	23504	22028



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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°	24589	25246	25736	25970	25736	25246	24589	23756	22748	21592	20269
-25°	22235	22789	23167	23378	23167	22789	22235	21520	20624	19621	18469
-27.5°	19981	20489	20827	20957	20827	20489	19981	19319	18491	17672	16687
-30°	17794	18221	18577	18649	18577	18221	17794	17245	16579	15800	14900
-32.5°	15715	16070	16367	16408	16367	16070	15715	15242	14648	13955	13181
-35°	13721	14041	14293	14315	14293	14041	13721	13303	12798	12191	11448
-37.5°	11817	12123	12380	12353	12380	12123	11817	11430	10953	10355	9702
-40°	9923	10161	10364	10418	10364	10161	9923	9585	9131	8595	8046
-42.5°	8082	8276	8429	8415	8429	8276	8082	7812	7461	7038	6606
-45°	6516	6656	6759	6741	6759	6656	6516	6323	6080	5792	5504
-47.5°	5310	5405	5481	5486	5481	5405	5310	5180	5013	4815	4581
-50°	4392	4460	4505	4491	4505	4460	4392	4293	4172	4023	3852
-52.5°	3659	3713	3749	3731	3749	3713	3659	3582	3492	3384	3263
-55°	3051	3083	3101	3092	3101	3083	3051	3006	2943	2871	2781
-57.5°	2583	2606	2637	2646	2637	2606	2583	2547	2502	2448	2381
-60°	2196	2214	2237	2241	2237	2214	2196	2174	2138	2097	2052
-62.5°	1872	1886	1895	1895	1895	1886	1872	1859	1836	1805	1769
-65°	1602	1607	1620	1625	1620	1607	1602	1589	1575	1553	1526
-67.5°	1368	1377	1377	1382	1377	1377	1368	1364	1355	1337	1319
-70°	1152	1161	1152	1139	1152	1161	1152	1148	1148	1143	1134
-72.5°	891	869	833	801	833	869	891	923	950	968	959
-75°	653	603	590	576	590	603	653	702	747	783	783
-77.5°	482	432	414	401	414	432	482	531	581	621	626
-80°	356	302	293	284	293	302	356	396	441	486	491
-82.5°	252	207	198	189	198	207	252	288	329	365	374
-85°	158	131	126	117	126	131	158	185	207	230	230
-87.5°	77	63	59	50	59	63	77	95	108	122	117
-90°	0	0	0	0	0	0	0	0	0	0	0



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 CATALOG NUMBER: IFLD-S-SA6C-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°	113	113	108	113	113	113	113	99	90	81	72
85°	230	230	230	230	230	230	225	207	185	167	149
82.5°	378	383	383	374	360	351	338	306	275	248	221
80°	500	504	509	495	482	468	446	405	365	324	293
77.5°	626	630	626	612	599	581	554	513	473	432	401
75°	783	779	770	752	734	716	693	657	612	563	527
72.5°	950	936	923	900	873	846	819	788	752	711	675
70°	1116	1098	1076	1044	1013	981	950	909	873	833	797
67.5°	1296	1274	1242	1206	1166	1125	1085	1040	995	950	909
65°	1494	1463	1422	1382	1337	1287	1233	1179	1130	1071	1022
62.5°	1724	1674	1625	1580	1521	1463	1400	1337	1274	1211	1143
60°	1998	1935	1877	1805	1733	1661	1584	1508	1427	1355	1274
57.5°	2304	2228	2151	2070	1976	1886	1791	1692	1602	1508	1413
55°	2682	2583	2480	2367	2255	2138	2021	1904	1791	1670	1566
52.5°	3128	3002	2867	2714	2574	2426	2286	2138	1998	1859	1724
50°	3681	3510	3321	3123	2943	2750	2570	2394	2223	2061	1899
47.5°	4356	4118	3861	3618	3371	3119	2903	2691	2475	2273	2093
45°	5175	4847	4500	4194	3861	3564	3263	3002	2750	2520	2291
42.5°	6192	5729	5292	4874	4446	4068	3690	3366	3060	2777	2520
40°	7466	6809	6260	5679	5166	4644	4199	3780	3402	3065	2750
37.5°	8973	8204	7430	6642	5990	5346	4757	4239	3785	3375	3011
35°	10620	9738	8793	7857	6908	6143	5400	4752	4199	3704	3281
32.5°	12362	11309	10260	9176	8073	7016	6138	5333	4640	4073	3573
30°	13915	12853	11714	10530	9297	8064	6921	5985	5162	4446	3870
27.5°	15562	14356	13127	11858	10535	9162	7839	6647	5684	4878	4199
25°	17204	15877	14504	13132	11732	10265	8748	7403	6260	5306	4491
22.5°	18829	17375	15881	14324	12839	11291	9707	8136	6791	5729	4833
20°	20471	18838	17218	15530	13874	12294	10593	8910	7416	6165	5148
17.5°	22037	20264	18428	16588	14842	13118	11385	9657	7992	6561	5463
15°	23518	21542	19567	17582	15679	13910	12092	10305	8537	6980	5738
12.5°	24796	22631	20575	18500	16475	14594	12717	10868	9050	7385	6017
10°	25957	23626	21452	19297	17200	15184	13235	11336	9468	7713	6242
7.5°	26947	24512	22186	19913	17735	15629	13627	11696	9792	7965	6417
5°	27708	25111	22681	20314	18091	15926	13906	11952	10022	8145	6530
2.5°	28068	25466	22946	20534	18397	16192	14158	12182	10215	8316	6651
0°	28248	25597	23068	20723	18527	16300	14225	12213	10211	8339	6660
-2.5°	28068	25466	22946	20534	18397	16192	14158	12182	10215	8316	6651
-5°	27708	25111	22681	20314	18091	15926	13906	11952	10022	8145	6530
-7.5°	26947	24512	22186	19913	17735	15629	13627	11696	9792	7965	6417
-10°	25957	23626	21452	19297	17200	15184	13235	11336	9468	7713	6242
-12.5°	24796	22631	20575	18500	16475	14594	12717	10868	9050	7385	6017
-15°	23518	21542	19567	17582	15679	13910	12092	10305	8537	6980	5738
-17.5°	22037	20264	18428	16588	14842	13118	11385	9657	7992	6561	5463
-20°	20471	18838	17218	15530	13874	12294	10593	8910	7416	6165	5148



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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°	18829	17375	15881	14324	12839	11291	9707	8136	6791	5729	4833
-25°	17204	15877	14504	13132	11732	10265	8748	7403	6260	5306	4491
-27.5°	15562	14356	13127	11858	10535	9162	7839	6647	5684	4878	4199
-30°	13915	12853	11714	10530	9297	8064	6921	5985	5162	4446	3870
-32.5°	12362	11309	10260	9176	8073	7016	6138	5333	4640	4073	3573
-35°	10620	9738	8793	7857	6908	6143	5400	4752	4199	3704	3281
-37.5°	8973	8204	7430	6642	5990	5346	4757	4239	3785	3375	3011
-40°	7466	6809	6260	5679	5166	4644	4199	3780	3402	3065	2750
-42.5°	6192	5729	5292	4874	4446	4068	3690	3366	3060	2777	2520
-45°	5175	4847	4500	4194	3861	3564	3263	3002	2750	2520	2291
-47.5°	4356	4118	3861	3618	3371	3119	2903	2691	2475	2273	2093
-50°	3681	3510	3321	3123	2943	2750	2570	2394	2223	2061	1899
-52.5°	3128	3002	2867	2714	2574	2426	2286	2138	1998	1859	1724
-55°	2682	2583	2480	2367	2255	2138	2021	1904	1791	1670	1566
-57.5°	2304	2228	2151	2070	1976	1886	1791	1692	1602	1508	1413
-60°	1998	1935	1877	1805	1733	1661	1584	1508	1427	1355	1274
-62.5°	1724	1674	1625	1580	1521	1463	1400	1337	1274	1211	1143
-65°	1494	1463	1422	1382	1337	1287	1233	1179	1130	1071	1022
-67.5°	1296	1274	1242	1206	1166	1125	1085	1040	995	950	909
-70°	1116	1098	1076	1044	1013	981	950	909	873	833	797
-72.5°	950	936	923	900	873	846	819	788	752	711	675
-75°	783	779	770	752	734	716	693	657	612	563	527
-77.5°	626	630	626	612	599	581	554	513	473	432	401
-80°	500	504	509	495	482	468	446	405	365	324	293
-82.5°	378	383	383	374	360	351	338	306	275	248	221
-85°	230	230	230	230	230	230	225	207	185	167	149
-87.5°	113	113	108	113	113	113	113	99	90	81	72
-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°	77	81	86	86	86	81	77	72	63	59	54
85°	158	162	171	176	167	162	149	140	131	117	108
82.5°	234	243	252	252	243	234	221	207	194	176	158
80°	311	324	338	338	324	306	288	270	252	230	207
77.5°	410	419	423	428	410	392	369	338	311	284	257
75°	518	518	522	513	495	482	450	414	374	338	302
72.5°	648	626	617	603	572	545	522	491	437	387	347
70°	761	729	702	675	644	608	581	540	495	437	387
67.5°	869	828	788	752	711	675	635	585	536	482	428
65°	977	927	878	828	783	738	693	635	576	522	464
62.5°	1085	1026	968	909	855	801	752	684	617	558	495
60°	1197	1134	1067	999	932	869	806	734	662	590	527
57.5°	1328	1238	1161	1085	1008	936	860	783	707	630	554
55°	1458	1359	1260	1175	1089	1008	918	833	747	666	581
52.5°	1598	1481	1373	1265	1170	1076	981	891	792	702	599
50°	1751	1611	1485	1364	1251	1148	1044	941	837	738	621
47.5°	1913	1751	1602	1463	1341	1215	1103	995	882	779	644
45°	2093	1899	1724	1571	1422	1287	1166	1044	927	806	657
42.5°	2268	2057	1859	1670	1512	1359	1229	1098	972	828	680
40°	2475	2214	1994	1791	1602	1431	1283	1148	1017	855	698
37.5°	2691	2390	2133	1899	1692	1508	1346	1193	1049	882	716
35°	2907	2570	2273	2012	1787	1584	1404	1242	1080	905	734
32.5°	3132	2750	2412	2124	1877	1661	1463	1287	1116	932	747
30°	3380	2939	2556	2232	1962	1728	1521	1332	1152	954	761
27.5°	3614	3114	2696	2349	2052	1800	1575	1377	1193	977	779
25°	3848	3303	2844	2457	2138	1863	1629	1418	1229	1004	792
22.5°	4100	3488	2979	2561	2214	1926	1679	1463	1260	1031	806
20°	4329	3654	3096	2660	2295	1989	1728	1499	1287	1058	819
17.5°	4541	3825	3240	2763	2372	2048	1769	1530	1314	1080	828
15°	4770	3996	3366	2853	2439	2097	1809	1562	1337	1103	833
12.5°	4968	4140	3474	2934	2498	2138	1841	1584	1359	1125	842
10°	5130	4257	3564	2997	2543	2174	1863	1607	1373	1139	846
7.5°	5256	4347	3632	3047	2579	2201	1886	1620	1386	1152	846
5°	5351	4415	3677	3083	2606	2223	1904	1634	1400	1170	851
2.5°	5436	4487	3713	3114	2628	2241	1917	1643	1400	1166	842
0°	5450	4500	3708	3114	2628	2246	1917	1643	1395	1161	833
-2.5°	5436	4487	3713	3114	2628	2241	1917	1643	1400	1166	842
-5°	5351	4415	3677	3083	2606	2223	1904	1634	1400	1170	851
-7.5°	5256	4347	3632	3047	2579	2201	1886	1620	1386	1152	846
-10°	5130	4257	3564	2997	2543	2174	1863	1607	1373	1139	846
-12.5°	4968	4140	3474	2934	2498	2138	1841	1584	1359	1125	842
-15°	4770	3996	3366	2853	2439	2097	1809	1562	1337	1103	833
-17.5°	4541	3825	3240	2763	2372	2048	1769	1530	1314	1080	828
-20°	4329	3654	3096	2660	2295	1989	1728	1499	1287	1058	819



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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°	4100	3488	2979	2561	2214	1926	1679	1463	1260	1031	806
-25°	3848	3303	2844	2457	2138	1863	1629	1418	1229	1004	792
-27.5°	3614	3114	2696	2349	2052	1800	1575	1377	1193	977	779
-30°	3380	2939	2556	2232	1962	1728	1521	1332	1152	954	761
-32.5°	3132	2750	2412	2124	1877	1661	1463	1287	1116	932	747
-35°	2907	2570	2273	2012	1787	1584	1404	1242	1080	905	734
-37.5°	2691	2390	2133	1899	1692	1508	1346	1193	1049	882	716
-40°	2475	2214	1994	1791	1602	1431	1283	1148	1017	855	698
-42.5°	2268	2057	1859	1670	1512	1359	1229	1098	972	828	680
-45°	2093	1899	1724	1571	1422	1287	1166	1044	927	806	657
-47.5°	1913	1751	1602	1463	1341	1215	1103	995	882	779	644
-50°	1751	1611	1485	1364	1251	1148	1044	941	837	738	621
-52.5°	1598	1481	1373	1265	1170	1076	981	891	792	702	599
-55°	1458	1359	1260	1175	1089	1008	918	833	747	666	581
-57.5°	1328	1238	1161	1085	1008	936	860	783	707	630	554
-60°	1197	1134	1067	999	932	869	806	734	662	590	527
-62.5°	1085	1026	968	909	855	801	752	684	617	558	495
-65°	977	927	878	828	783	738	693	635	576	522	464
-67.5°	869	828	788	752	711	675	635	585	536	482	428
-70°	761	729	702	675	644	608	581	540	495	437	387
-72.5°	648	626	617	603	572	545	522	491	437	387	347
-75°	518	518	522	513	495	482	450	414	374	338	302
-77.5°	410	419	423	428	410	392	369	338	311	284	257
-80°	311	324	338	338	324	306	288	270	252	230	207
-82.5°	234	243	252	252	243	234	221	207	194	176	158
-85°	158	162	171	176	167	162	149	140	131	117	108
-87.5°	77	81	86	86	86	81	77	72	63	59	54
-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°	45	36	27	18	9	5	0
85°	95	72	50	32	18	9	0
82.5°	140	104	77	50	32	14	0
80°	185	140	99	68	41	18	0
77.5°	225	171	126	81	50	23	0
75°	261	198	149	99	59	27	0
72.5°	297	225	167	113	68	32	0
70°	333	252	185	131	77	36	0
67.5°	360	275	203	140	86	41	0
65°	383	297	216	149	95	41	0
62.5°	405	315	230	158	104	45	0
60°	432	333	248	167	108	50	0
57.5°	450	347	257	176	113	54	0
55°	468	365	266	185	122	59	0
52.5°	486	378	279	189	126	59	0
50°	500	392	288	194	131	63	0
47.5°	518	401	293	198	135	68	0
45°	531	414	302	203	140	68	0
42.5°	545	423	306	207	140	72	0
40°	558	428	315	216	144	77	0
37.5°	567	437	320	221	149	77	0
35°	572	441	324	225	153	81	0
32.5°	581	450	329	234	153	81	0
30°	594	450	329	239	158	81	0
27.5°	603	455	338	239	158	86	0
25°	608	455	342	243	162	86	0
22.5°	612	459	347	248	162	86	0
20°	617	464	351	252	167	90	0
17.5°	621	473	356	252	167	90	0
15°	630	477	356	252	167	95	0
12.5°	635	477	356	257	167	95	0
10°	639	482	356	257	171	90	0
7.5°	639	482	360	257	171	90	0
5°	639	486	356	257	167	90	0
2.5°	630	486	356	252	167	90	0
0°	626	482	351	252	167	90	0
-2.5°	630	486	356	252	167	90	0
-5°	639	486	356	257	167	90	0
-7.5°	639	482	360	257	171	90	0
-10°	639	482	356	257	171	90	0
-12.5°	635	477	356	257	167	95	0
-15°	630	477	356	252	167	95	0
-17.5°	621	473	356	252	167	90	0
-20°	617	464	351	252	167	90	0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	612	459	347	248	162	86	0
-25°	608	455	342	243	162	86	0
-27.5°	603	455	338	239	158	86	0
-30°	594	450	329	239	158	81	0
-32.5°	581	450	329	234	153	81	0
-35°	572	441	324	225	153	81	0
-37.5°	567	437	320	221	149	77	0
-40°	558	428	315	216	144	77	0
-42.5°	545	423	306	207	140	72	0
-45°	531	414	302	203	140	68	0
-47.5°	518	401	293	198	135	68	0
-50°	500	392	288	194	131	63	0
-52.5°	486	378	279	189	126	59	0
-55°	468	365	266	185	122	59	0
-57.5°	450	347	257	176	113	54	0
-60°	432	333	248	167	108	50	0
-62.5°	405	315	230	158	104	45	0
-65°	383	297	216	149	95	41	0
-67.5°	360	275	203	140	86	41	0
-70°	333	252	185	131	77	36	0
-72.5°	297	225	167	113	68	32	0
-75°	261	198	149	99	59	27	0
-77.5°	225	171	126	81	50	23	0
-80°	185	140	99	68	41	18	0
-82.5°	140	104	77	50	32	14	0
-85°	95	72	50	32	18	9	0
-87.5°	45	36	27	18	9	5	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)