

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: P622224

Luminaire Tested: **IFLD-L-SA7C-740-U-66**

Issue Date: 09/20/2022

Test Information

Test Method: LM-79-2019
Report Number: P622224
Test Lab: INNOVATION CENTER(G2)
Issue Date: 09/20/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7C-740-U-66
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 6 distribution lens
Light Source: (112) 4000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

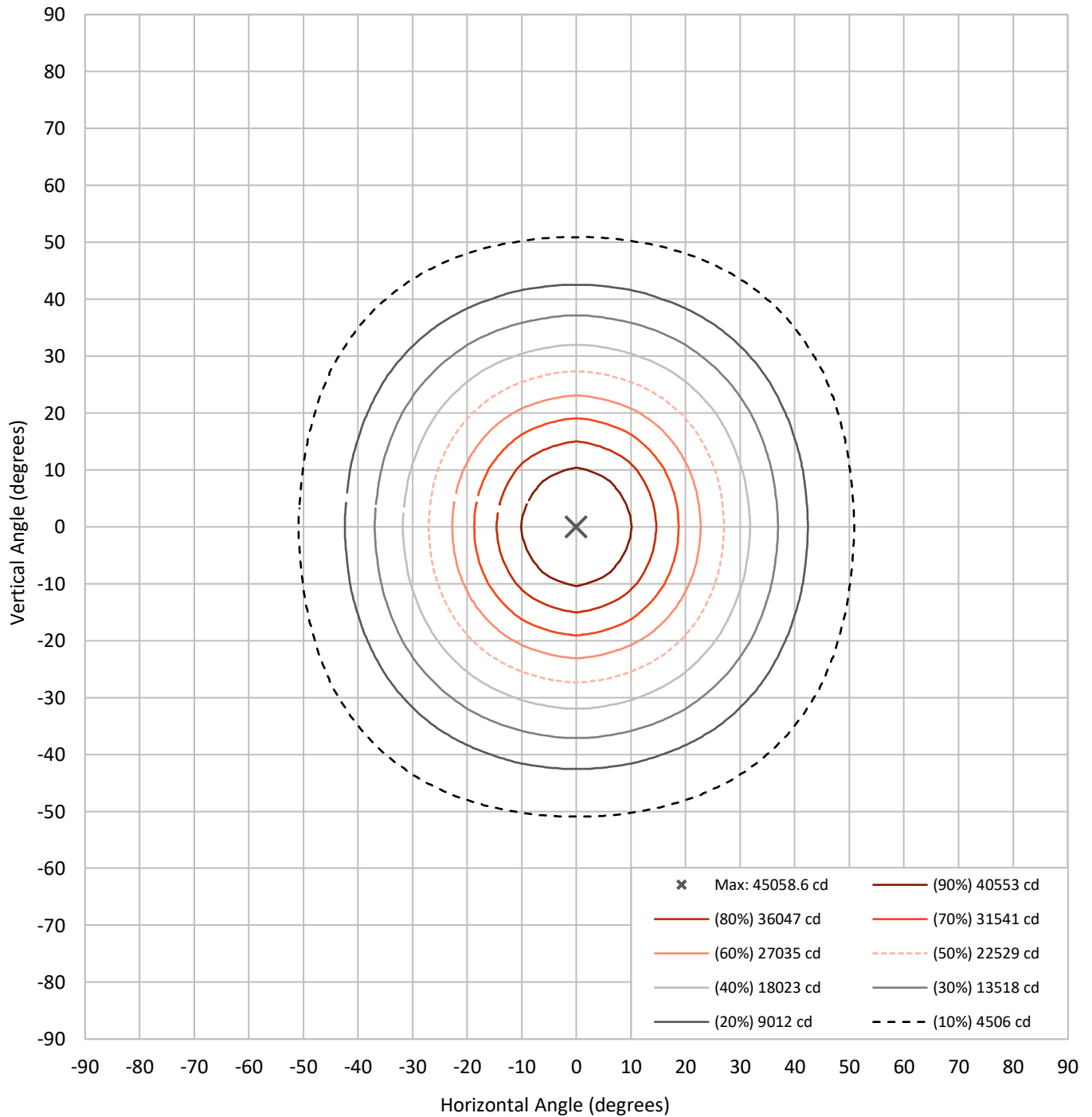
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	46733.2 lumens	Max Intensity:	45058.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	126.6 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	54.2°H x 54.7°V	Field Angle (10%):	101.7°H x 101.8°V
Beam Lumens:	22469.5 lumens	Field Lumens:	41013 lumens
Beam Efficiency:	48.1%	Field Efficiency:	87.8%

Input Watts (W): 369
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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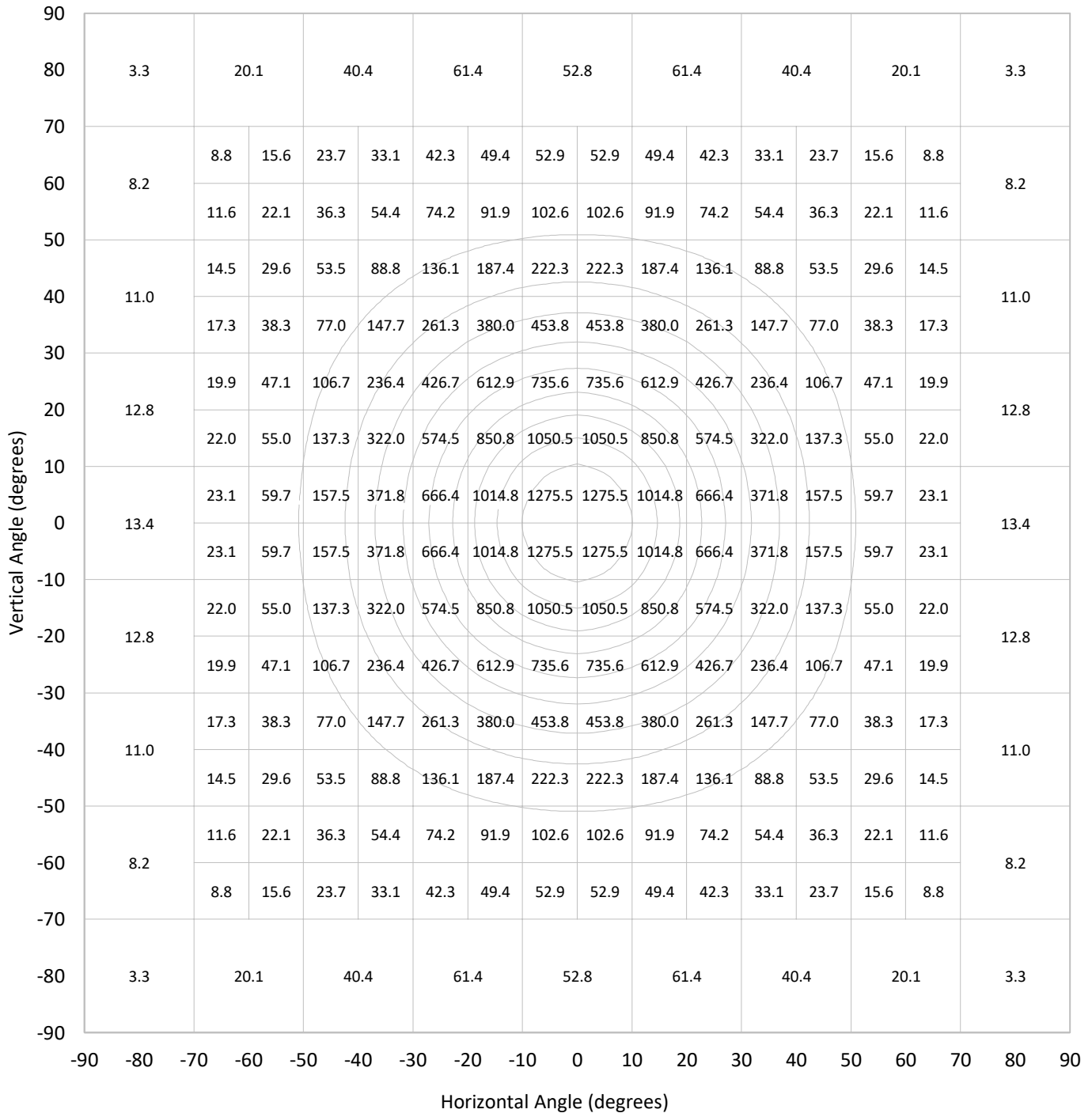
Iso-Candela Plot





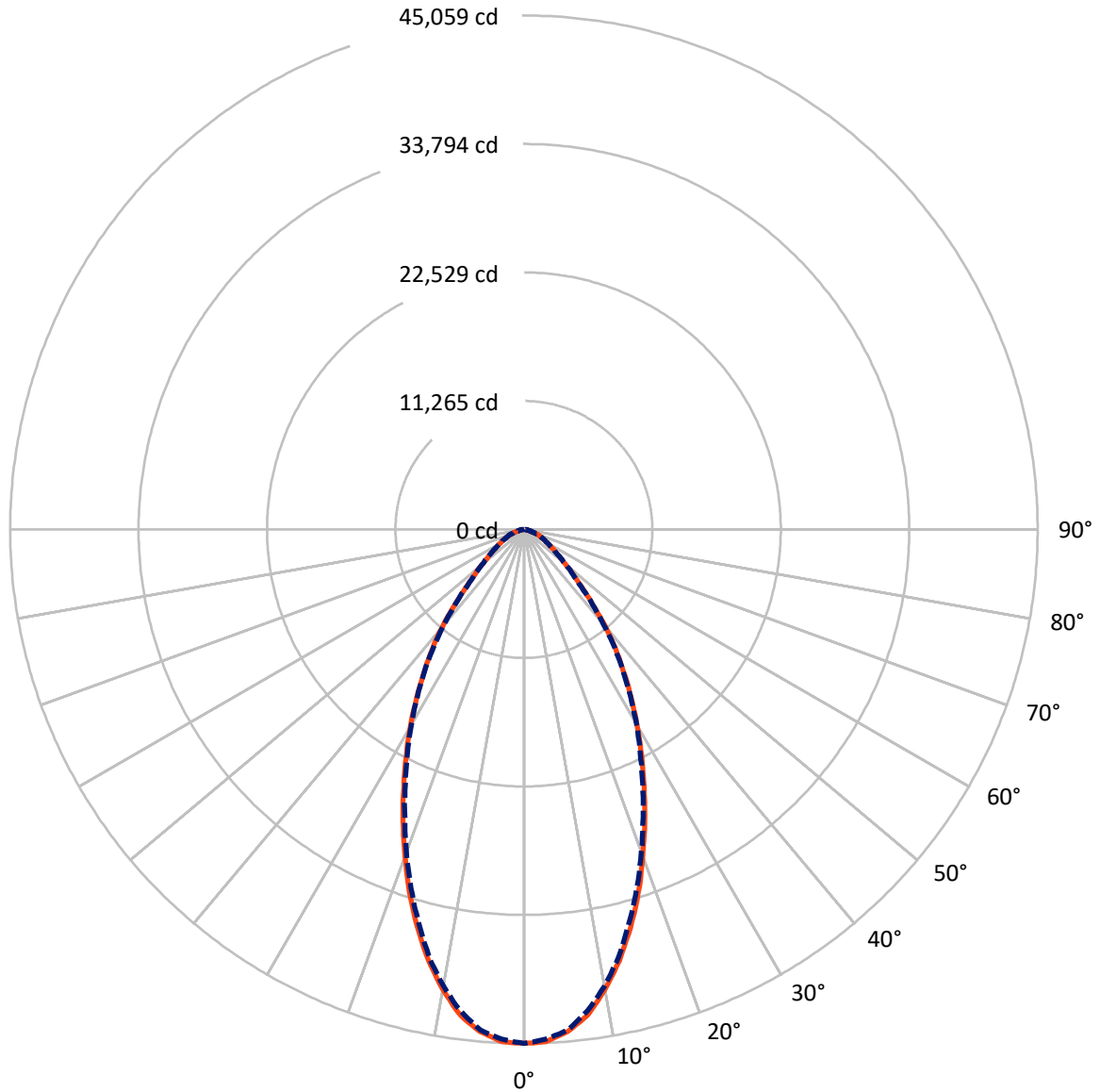
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Lumen Table



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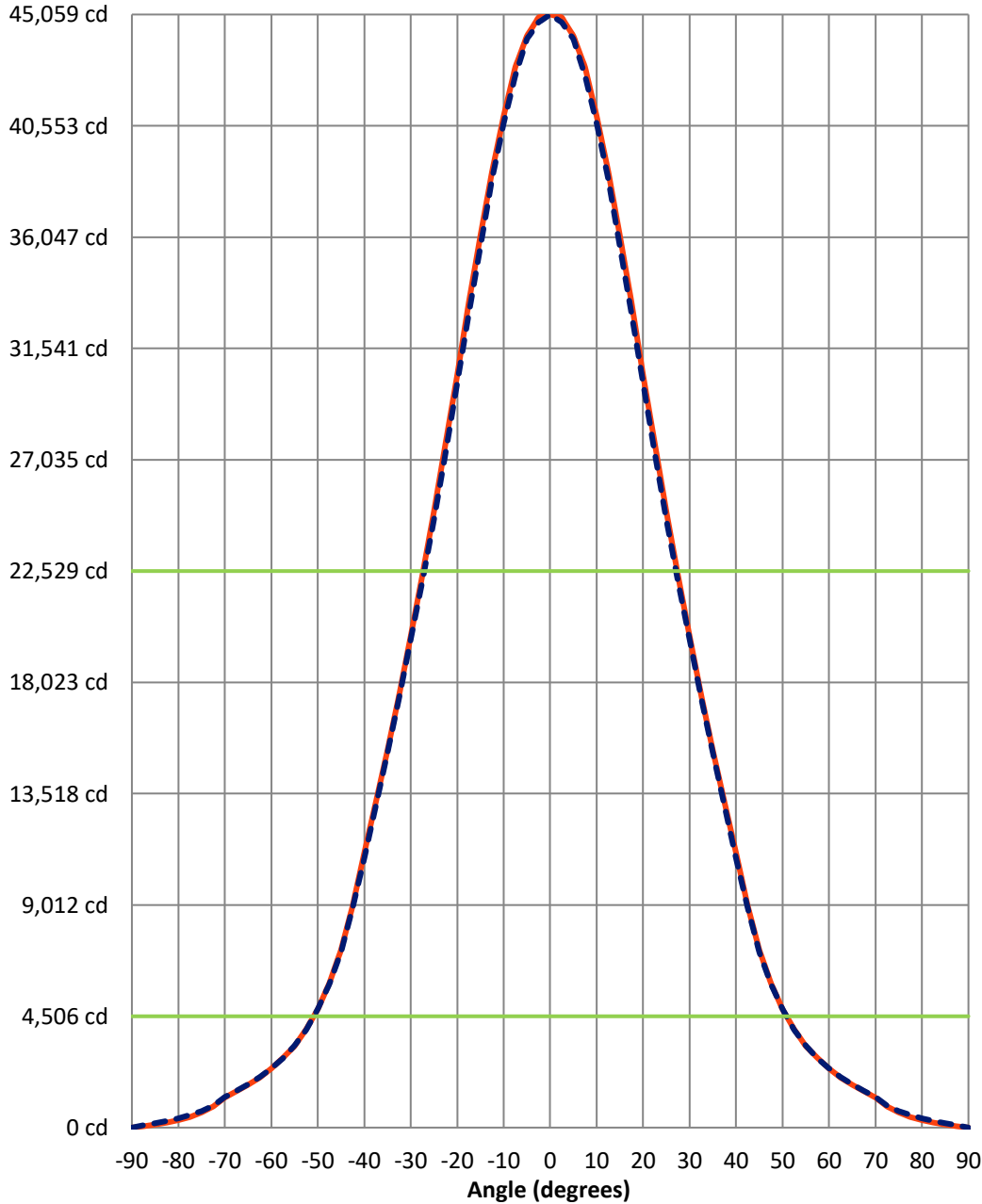
Luminous Intensity Polar Plot



— 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: 22469.5
 Efficiency: 48.1%

Field:
 H Angle: 101.7°
 V Angle: 101.8°
 Lumens: 41013
 Efficiency: 87.8%

Spill:
 Lumens: 5720.2
 Efficiency: 12.2%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 0-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	5	10	19	29	38	48	58	62	67	77
85°	0	10	19	34	53	77	101	115	125	139	149
82.5°	0	14	34	53	82	110	149	168	187	206	221
80°	0	19	43	72	106	149	197	221	245	269	288
77.5°	0	24	53	86	134	182	240	274	303	331	360
75°	0	29	62	106	158	211	279	322	360	399	442
72.5°	0	34	72	120	178	240	317	370	413	466	523
70°	0	38	82	139	197	269	355	413	466	528	576
67.5°	0	43	91	149	216	293	384	456	514	571	624
65°	0	43	101	158	231	317	408	495	557	615	677
62.5°	0	48	110	168	245	336	432	528	595	658	730
60°	0	53	115	178	264	355	461	562	629	706	783
57.5°	0	58	120	187	274	370	480	591	672	754	835
55°	0	62	130	197	283	389	499	619	711	797	888
52.5°	0	62	134	202	298	403	519	639	749	845	951
50°	0	67	139	206	307	418	533	663	787	893	1003
47.5°	0	72	144	211	312	427	552	687	831	941	1061
45°	0	72	149	216	322	442	567	701	859	989	1114
42.5°	0	77	149	221	327	451	581	725	883	1037	1172
40°	0	82	154	231	336	456	595	744	912	1085	1224
37.5°	0	82	158	235	341	466	605	763	941	1119	1272
35°	0	86	163	240	346	471	610	783	965	1152	1325
32.5°	0	86	163	250	351	480	619	797	994	1191	1373
30°	0	86	168	255	351	480	634	811	1018	1229	1421
27.5°	0	91	168	255	360	485	643	831	1042	1272	1469
25°	0	91	173	259	365	485	648	845	1071	1311	1512
22.5°	0	91	173	264	370	490	653	859	1100	1344	1560
20°	0	96	178	269	375	495	658	874	1128	1373	1599
17.5°	0	96	178	269	379	504	663	883	1152	1402	1632
15°	0	101	178	269	379	509	672	888	1176	1426	1666
12.5°	0	101	178	274	379	509	677	898	1200	1450	1690
10°	0	96	182	274	379	514	682	903	1215	1464	1714
7.5°	0	96	182	274	384	514	682	903	1229	1479	1728
5°	0	96	178	274	379	519	682	907	1248	1493	1743
2.5°	0	96	178	269	379	519	672	898	1244	1493	1752
0°	0	96	178	269	375	514	667	888	1239	1488	1752
-2.5°	0	96	178	269	379	519	672	898	1244	1493	1752
-5°	0	96	178	274	379	519	682	907	1248	1493	1743
-7.5°	0	96	182	274	384	514	682	903	1229	1479	1728
-10°	0	96	182	274	379	514	682	903	1215	1464	1714
-12.5°	0	101	178	274	379	509	677	898	1200	1450	1690
-15°	0	101	178	269	379	509	672	888	1176	1426	1666
-17.5°	0	96	178	269	379	504	663	883	1152	1402	1632
-20°	0	96	178	269	375	495	658	874	1128	1373	1599



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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	91	173	264	370	490	653	859	1100	1344	1560
-25°	0	91	173	259	365	485	648	845	1071	1311	1512
-27.5°	0	91	168	255	360	485	643	831	1042	1272	1469
-30°	0	86	168	255	351	480	634	811	1018	1229	1421
-32.5°	0	86	163	250	351	480	619	797	994	1191	1373
-35°	0	86	163	240	346	471	610	783	965	1152	1325
-37.5°	0	82	158	235	341	466	605	763	941	1119	1272
-40°	0	82	154	231	336	456	595	744	912	1085	1224
-42.5°	0	77	149	221	327	451	581	725	883	1037	1172
-45°	0	72	149	216	322	442	567	701	859	989	1114
-47.5°	0	72	144	211	312	427	552	687	831	941	1061
-50°	0	67	139	206	307	418	533	663	787	893	1003
-52.5°	0	62	134	202	298	403	519	639	749	845	951
-55°	0	62	130	197	283	389	499	619	711	797	888
-57.5°	0	58	120	187	274	370	480	591	672	754	835
-60°	0	53	115	178	264	355	461	562	629	706	783
-62.5°	0	48	110	168	245	336	432	528	595	658	730
-65°	0	43	101	158	231	317	408	495	557	615	677
-67.5°	0	43	91	149	216	293	384	456	514	571	624
-70°	0	38	82	139	197	269	355	413	466	528	576
-72.5°	0	34	72	120	178	240	317	370	413	466	523
-75°	0	29	62	106	158	211	279	322	360	399	442
-77.5°	0	24	53	86	134	182	240	274	303	331	360
-80°	0	19	43	72	106	149	197	221	245	269	288
-82.5°	0	14	34	53	82	110	149	168	187	206	221
-85°	0	10	19	34	53	77	101	115	125	139	149
-87.5°	0	5	10	19	29	38	48	58	62	67	77
-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°	82	86	91	91	91	86	82	77	86	96	106
85°	158	173	178	187	182	173	168	158	178	197	221
82.5°	235	250	259	269	269	259	250	235	264	293	327
80°	307	327	346	360	360	346	331	312	346	389	432
77.5°	394	418	437	456	451	447	437	427	461	504	547
75°	480	514	528	547	557	552	552	562	600	653	701
72.5°	557	581	610	643	658	667	691	720	759	802	840
70°	619	648	687	720	749	778	811	850	888	931	970
67.5°	677	720	759	802	840	883	927	970	1013	1061	1109
65°	739	787	835	883	936	989	1042	1090	1143	1205	1258
62.5°	802	855	912	970	1032	1095	1157	1220	1292	1359	1426
60°	859	927	994	1066	1138	1210	1277	1359	1445	1522	1608
57.5°	917	999	1076	1157	1239	1320	1416	1508	1608	1709	1805
55°	979	1076	1162	1253	1344	1450	1556	1671	1781	1911	2031
52.5°	1047	1148	1248	1349	1464	1580	1704	1839	1983	2132	2281
50°	1114	1224	1335	1455	1584	1719	1868	2026	2199	2372	2554
47.5°	1176	1296	1431	1560	1709	1868	2041	2233	2425	2641	2871
45°	1244	1373	1517	1676	1839	2026	2233	2444	2689	2934	3202
42.5°	1311	1450	1613	1781	1983	2194	2420	2689	2962	3265	3591
40°	1368	1527	1709	1911	2127	2362	2641	2934	3270	3630	4033
37.5°	1436	1608	1805	2026	2276	2549	2871	3212	3601	4038	4523
35°	1498	1690	1906	2146	2425	2741	3102	3500	3951	4480	5070
32.5°	1560	1772	2002	2266	2573	2934	3342	3812	4345	4950	5689
30°	1623	1844	2093	2381	2727	3135	3606	4129	4744	5507	6386
27.5°	1680	1921	2189	2506	2876	3322	3855	4480	5204	6064	7091
25°	1738	1988	2281	2621	3034	3524	4105	4792	5661	6678	7898
22.5°	1791	2055	2362	2732	3178	3721	4374	5156	6112	7245	8681
20°	1844	2122	2449	2838	3303	3899	4619	5493	6578	7912	9506
17.5°	1887	2185	2530	2948	3457	4081	4844	5829	7000	8527	10303
15°	1930	2237	2602	3044	3591	4263	5089	6121	7447	9108	10995
12.5°	1964	2281	2665	3130	3707	4417	5301	6419	7879	9655	11595
10°	1988	2319	2713	3198	3803	4542	5473	6659	8229	10102	12094
7.5°	2012	2348	2751	3250	3875	4638	5608	6846	8498	10447	12478
5°	2031	2372	2780	3289	3923	4710	5709	6966	8690	10692	12752
2.5°	2045	2391	2804	3322	3961	4787	5800	7096	8873	10899	12997
0°	2045	2396	2804	3322	3956	4801	5814	7106	8897	10894	13030
-2.5°	2045	2391	2804	3322	3961	4787	5800	7096	8873	10899	12997
-5°	2031	2372	2780	3289	3923	4710	5709	6966	8690	10692	12752
-7.5°	2012	2348	2751	3250	3875	4638	5608	6846	8498	10447	12478
-10°	1988	2319	2713	3198	3803	4542	5473	6659	8229	10102	12094
-12.5°	1964	2281	2665	3130	3707	4417	5301	6419	7879	9655	11595
-15°	1930	2237	2602	3044	3591	4263	5089	6121	7447	9108	10995
-17.5°	1887	2185	2530	2948	3457	4081	4844	5829	7000	8527	10303
-20°	1844	2122	2449	2838	3303	3899	4619	5493	6578	7912	9506



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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°	1791	2055	2362	2732	3178	3721	4374	5156	6112	7245	8681
-25°	1738	1988	2281	2621	3034	3524	4105	4792	5661	6678	7898
-27.5°	1680	1921	2189	2506	2876	3322	3855	4480	5204	6064	7091
-30°	1623	1844	2093	2381	2727	3135	3606	4129	4744	5507	6386
-32.5°	1560	1772	2002	2266	2573	2934	3342	3812	4345	4950	5689
-35°	1498	1690	1906	2146	2425	2741	3102	3500	3951	4480	5070
-37.5°	1436	1608	1805	2026	2276	2549	2871	3212	3601	4038	4523
-40°	1368	1527	1709	1911	2127	2362	2641	2934	3270	3630	4033
-42.5°	1311	1450	1613	1781	1983	2194	2420	2689	2962	3265	3591
-45°	1244	1373	1517	1676	1839	2026	2233	2444	2689	2934	3202
-47.5°	1176	1296	1431	1560	1709	1868	2041	2233	2425	2641	2871
-50°	1114	1224	1335	1455	1584	1719	1868	2026	2199	2372	2554
-52.5°	1047	1148	1248	1349	1464	1580	1704	1839	1983	2132	2281
-55°	979	1076	1162	1253	1344	1450	1556	1671	1781	1911	2031
-57.5°	917	999	1076	1157	1239	1320	1416	1508	1608	1709	1805
-60°	859	927	994	1066	1138	1210	1277	1359	1445	1522	1608
-62.5°	802	855	912	970	1032	1095	1157	1220	1292	1359	1426
-65°	739	787	835	883	936	989	1042	1090	1143	1205	1258
-67.5°	677	720	759	802	840	883	927	970	1013	1061	1109
-70°	619	648	687	720	749	778	811	850	888	931	970
-72.5°	557	581	610	643	658	667	691	720	759	802	840
-75°	480	514	528	547	557	552	552	562	600	653	701
-77.5°	394	418	437	456	451	447	437	427	461	504	547
-80°	307	327	346	360	360	346	331	312	346	389	432
-82.5°	235	250	259	269	269	259	250	235	264	293	327
-85°	158	173	178	187	182	173	168	158	178	197	221
-87.5°	82	86	91	91	91	86	82	77	86	96	106
-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°	120	120	120	120	115	120	120	125	130	115	101
85°	240	245	245	245	245	245	245	245	245	221	197
82.5°	360	375	384	399	408	408	403	399	389	351	307
80°	475	499	514	528	543	538	533	523	519	471	423
77.5°	591	619	639	653	667	672	667	667	663	619	567
75°	739	763	783	802	821	831	835	835	835	797	749
72.5°	874	903	931	960	984	999	1013	1023	1032	1013	984
70°	1013	1047	1080	1114	1148	1172	1191	1210	1220	1224	1224
67.5°	1157	1200	1244	1287	1325	1359	1383	1407	1426	1445	1455
65°	1316	1373	1426	1474	1517	1560	1594	1628	1656	1680	1695
62.5°	1493	1560	1623	1685	1733	1786	1839	1887	1925	1959	1983
60°	1690	1772	1848	1925	2002	2065	2132	2189	2237	2281	2319
57.5°	1911	2012	2108	2209	2295	2377	2458	2540	2612	2669	2717
55°	2156	2281	2405	2525	2645	2756	2862	2967	3063	3140	3207
52.5°	2439	2588	2746	2895	3058	3202	3337	3481	3611	3726	3822
50°	2741	2934	3140	3332	3543	3745	3927	4110	4292	4451	4580
47.5°	3097	3327	3596	3860	4119	4393	4648	4888	5137	5349	5526
45°	3481	3803	4119	4475	4801	5171	5521	5872	6179	6486	6746
42.5°	3937	4340	4744	5200	5646	6112	6606	7048	7509	7960	8335
40°	4480	4955	5512	6059	6678	7264	7965	8584	9170	9742	10226
37.5°	5075	5704	6390	7087	7927	8753	9574	10351	11047	11686	12195
35°	5761	6554	7370	8383	9381	10390	11331	12214	13006	13654	14192
32.5°	6549	7485	8613	9790	10947	12065	13189	14063	14888	15628	16261
30°	7384	8604	9919	11235	12497	13712	14845	15897	16857	17687	18398
27.5°	8364	9775	11240	12651	14005	15316	16602	17803	18854	19728	20611
25°	9333	10951	12517	14010	15474	16938	18355	19704	20933	22004	22959
22.5°	10356	12046	13698	15282	16943	18537	20088	21624	23036	24270	25345
20°	11302	13117	14802	16569	18369	20098	21840	23502	25076	26565	27789
17.5°	12147	13995	15834	17697	19661	21620	23511	25312	27107	28840	30367
15°	12901	14840	16727	18758	20875	22983	25091	27074	29095	31015	32725
12.5°	13568	15570	17577	19738	21951	24145	26454	28759	31001	33070	34923
10°	14120	16199	18350	20587	22887	25206	27693	30252	32653	34851	36868
7.5°	14538	16674	18921	21245	23670	26152	28749	31356	33896	36258	38371
5°	14836	16991	19301	21672	24198	26790	29561	32340	34933	37377	39537
2.5°	15104	17275	19627	21908	24481	27170	29945	32825	35476	37987	40392
0°	15176	17390	19766	22109	24611	27309	30137	32950	35668	38395	40656
-2.5°	15104	17275	19627	21908	24481	27170	29945	32825	35476	37987	40392
-5°	14836	16991	19301	21672	24198	26790	29561	32340	34933	37377	39537
-7.5°	14538	16674	18921	21245	23670	26152	28749	31356	33896	36258	38371
-10°	14120	16199	18350	20587	22887	25206	27693	30252	32653	34851	36868
-12.5°	13568	15570	17577	19738	21951	24145	26454	28759	31001	33070	34923
-15°	12901	14840	16727	18758	20875	22983	25091	27074	29095	31015	32725
-17.5°	12147	13995	15834	17697	19661	21620	23511	25312	27107	28840	30367
-20°	11302	13117	14802	16569	18369	20098	21840	23502	25076	26565	27789



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CATALOG NUMBER: IFLD-L-SA7C-740-U-66

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	10356	12046	13698	15282	16943	18537	20088	21624	23036	24270	25345
-25°	9333	10951	12517	14010	15474	16938	18355	19704	20933	22004	22959
-27.5°	8364	9775	11240	12651	14005	15316	16602	17803	18854	19728	20611
-30°	7384	8604	9919	11235	12497	13712	14845	15897	16857	17687	18398
-32.5°	6549	7485	8613	9790	10947	12065	13189	14063	14888	15628	16261
-35°	5761	6554	7370	8383	9381	10390	11331	12214	13006	13654	14192
-37.5°	5075	5704	6390	7087	7927	8753	9574	10351	11047	11686	12195
-40°	4480	4955	5512	6059	6678	7264	7965	8584	9170	9742	10226
-42.5°	3937	4340	4744	5200	5646	6112	6606	7048	7509	7960	8335
-45°	3481	3803	4119	4475	4801	5171	5521	5872	6179	6486	6746
-47.5°	3097	3327	3596	3860	4119	4393	4648	4888	5137	5349	5526
-50°	2741	2934	3140	3332	3543	3745	3927	4110	4292	4451	4580
-52.5°	2439	2588	2746	2895	3058	3202	3337	3481	3611	3726	3822
-55°	2156	2281	2405	2525	2645	2756	2862	2967	3063	3140	3207
-57.5°	1911	2012	2108	2209	2295	2377	2458	2540	2612	2669	2717
-60°	1690	1772	1848	1925	2002	2065	2132	2189	2237	2281	2319
-62.5°	1493	1560	1623	1685	1733	1786	1839	1887	1925	1959	1983
-65°	1316	1373	1426	1474	1517	1560	1594	1628	1656	1680	1695
-67.5°	1157	1200	1244	1287	1325	1359	1383	1407	1426	1445	1455
-70°	1013	1047	1080	1114	1148	1172	1191	1210	1220	1224	1224
-72.5°	874	903	931	960	984	999	1013	1023	1032	1013	984
-75°	739	763	783	802	821	831	835	835	835	797	749
-77.5°	591	619	639	653	667	672	667	667	663	619	567
-80°	475	499	514	528	543	538	533	523	519	471	423
-82.5°	360	375	384	399	408	408	403	399	389	351	307
-85°	240	245	245	245	245	245	245	245	245	221	197
-87.5°	120	120	120	120	115	120	120	125	130	115	101
-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°	82	67	62	53	62	67	82	101	115	130	125
85°	168	139	134	125	134	139	168	197	221	245	245
82.5°	269	221	211	202	211	221	269	307	351	389	399
80°	379	322	312	303	312	322	379	423	471	519	523
77.5°	514	461	442	427	442	461	514	567	619	663	667
75°	696	643	629	615	629	643	696	749	797	835	835
72.5°	951	927	888	855	888	927	951	984	1013	1032	1023
70°	1229	1239	1229	1215	1229	1239	1229	1224	1224	1220	1210
67.5°	1460	1469	1469	1474	1469	1469	1460	1455	1445	1426	1407
65°	1709	1714	1728	1733	1728	1714	1709	1695	1680	1656	1628
62.5°	1997	2012	2021	2021	2021	2012	1997	1983	1959	1925	1887
60°	2343	2362	2386	2391	2386	2362	2343	2319	2281	2237	2189
57.5°	2756	2780	2814	2823	2814	2780	2756	2717	2669	2612	2540
55°	3255	3289	3308	3298	3308	3289	3255	3207	3140	3063	2967
52.5°	3903	3961	3999	3980	3999	3961	3903	3822	3726	3611	3481
50°	4686	4758	4806	4792	4806	4758	4686	4580	4451	4292	4110
47.5°	5665	5766	5848	5853	5848	5766	5665	5526	5349	5137	4888
45°	6952	7101	7211	7192	7211	7101	6952	6746	6486	6179	5872
42.5°	8623	8829	8993	8978	8993	8829	8623	8335	7960	7509	7048
40°	10587	10841	11057	11115	11057	10841	10587	10226	9742	9170	8584
37.5°	12608	12934	13208	13179	13208	12934	12608	12195	11686	11047	10351
35°	14639	14980	15248	15272	15248	14980	14639	14192	13654	13006	12214
32.5°	16766	17145	17462	17505	17462	17145	16766	16261	15628	14888	14063
30°	18984	19440	19819	19896	19819	19440	18984	18398	17687	16857	15897
27.5°	21317	21860	22220	22359	22220	21860	21317	20611	19728	18854	17803
25°	23722	24313	24716	24942	24716	24313	23722	22959	22004	20933	19704
22.5°	26233	26934	27458	27707	27458	26934	26233	25345	24270	23036	21624
20°	28826	29589	30199	30458	30199	29589	28826	27789	26565	25076	23502
17.5°	31467	32398	33075	33406	33075	32398	31467	30367	28840	27107	25312
15°	34030	35020	35754	36109	35754	35020	34030	32725	31015	29095	27074
12.5°	36407	37454	38188	38702	38188	37454	36407	34923	33070	31001	28759
10°	38529	39672	40416	40949	40416	39672	38529	36868	34851	32653	30252
7.5°	40118	41563	42404	42927	42404	41563	40118	38371	36258	33896	31356
5°	41338	42932	43695	44190	43695	42932	41338	39537	37377	34933	32340
2.5°	42231	43489	44444	44939	44444	43489	42231	40392	37987	35476	32825
0°	42581	44060	44737	45059	44737	44060	42581	40656	38395	35668	32950
-2.5°	42231	43489	44444	44939	44444	43489	42231	40392	37987	35476	32825
-5°	41338	42932	43695	44190	43695	42932	41338	39537	37377	34933	32340
-7.5°	40118	41563	42404	42927	42404	41563	40118	38371	36258	33896	31356
-10°	38529	39672	40416	40949	40416	39672	38529	36868	34851	32653	30252
-12.5°	36407	37454	38188	38702	38188	37454	36407	34923	33070	31001	28759
-15°	34030	35020	35754	36109	35754	35020	34030	32725	31015	29095	27074
-17.5°	31467	32398	33075	33406	33075	32398	31467	30367	28840	27107	25312
-20°	28826	29589	30199	30458	30199	29589	28826	27789	26565	25076	23502



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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°	26233	26934	27458	27707	27458	26934	26233	25345	24270	23036	21624
-25°	23722	24313	24716	24942	24716	24313	23722	22959	22004	20933	19704
-27.5°	21317	21860	22220	22359	22220	21860	21317	20611	19728	18854	17803
-30°	18984	19440	19819	19896	19819	19440	18984	18398	17687	16857	15897
-32.5°	16766	17145	17462	17505	17462	17145	16766	16261	15628	14888	14063
-35°	14639	14980	15248	15272	15248	14980	14639	14192	13654	13006	12214
-37.5°	12608	12934	13208	13179	13208	12934	12608	12195	11686	11047	10351
-40°	10587	10841	11057	11115	11057	10841	10587	10226	9742	9170	8584
-42.5°	8623	8829	8993	8978	8993	8829	8623	8335	7960	7509	7048
-45°	6952	7101	7211	7192	7211	7101	6952	6746	6486	6179	5872
-47.5°	5665	5766	5848	5853	5848	5766	5665	5526	5349	5137	4888
-50°	4686	4758	4806	4792	4806	4758	4686	4580	4451	4292	4110
-52.5°	3903	3961	3999	3980	3999	3961	3903	3822	3726	3611	3481
-55°	3255	3289	3308	3298	3308	3289	3255	3207	3140	3063	2967
-57.5°	2756	2780	2814	2823	2814	2780	2756	2717	2669	2612	2540
-60°	2343	2362	2386	2391	2386	2362	2343	2319	2281	2237	2189
-62.5°	1997	2012	2021	2021	2021	2012	1997	1983	1959	1925	1887
-65°	1709	1714	1728	1733	1728	1714	1709	1695	1680	1656	1628
-67.5°	1460	1469	1469	1474	1469	1469	1460	1455	1445	1426	1407
-70°	1229	1239	1229	1215	1229	1239	1229	1224	1224	1220	1210
-72.5°	951	927	888	855	888	927	951	984	1013	1032	1023
-75°	696	643	629	615	629	643	696	749	797	835	835
-77.5°	514	461	442	427	442	461	514	567	619	663	667
-80°	379	322	312	303	312	322	379	423	471	519	523
-82.5°	269	221	211	202	211	221	269	307	351	389	399
-85°	168	139	134	125	134	139	168	197	221	245	245
-87.5°	82	67	62	53	62	67	82	101	115	130	125
-90°	0	0	0	0	0	0	0	0	0	0	0



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 CATALOG NUMBER: IFLD-L-SA7C-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°	120	120	115	120	120	120	120	106	96	86	77
85°	245	245	245	245	245	245	240	221	197	178	158
82.5°	403	408	408	399	384	375	360	327	293	264	235
80°	533	538	543	528	514	499	475	432	389	346	312
77.5°	667	672	667	653	639	619	591	547	504	461	427
75°	835	831	821	802	783	763	739	701	653	600	562
72.5°	1013	999	984	960	931	903	874	840	802	759	720
70°	1191	1172	1148	1114	1080	1047	1013	970	931	888	850
67.5°	1383	1359	1325	1287	1244	1200	1157	1109	1061	1013	970
65°	1594	1560	1517	1474	1426	1373	1316	1258	1205	1143	1090
62.5°	1839	1786	1733	1685	1623	1560	1493	1426	1359	1292	1220
60°	2132	2065	2002	1925	1848	1772	1690	1608	1522	1445	1359
57.5°	2458	2377	2295	2209	2108	2012	1911	1805	1709	1608	1508
55°	2862	2756	2645	2525	2405	2281	2156	2031	1911	1781	1671
52.5°	3337	3202	3058	2895	2746	2588	2439	2281	2132	1983	1839
50°	3927	3745	3543	3332	3140	2934	2741	2554	2372	2199	2026
47.5°	4648	4393	4119	3860	3596	3327	3097	2871	2641	2425	2233
45°	5521	5171	4801	4475	4119	3803	3481	3202	2934	2689	2444
42.5°	6606	6112	5646	5200	4744	4340	3937	3591	3265	2962	2689
40°	7965	7264	6678	6059	5512	4955	4480	4033	3630	3270	2934
37.5°	9574	8753	7927	7087	6390	5704	5075	4523	4038	3601	3212
35°	11331	10390	9381	8383	7370	6554	5761	5070	4480	3951	3500
32.5°	13189	12065	10947	9790	8613	7485	6549	5689	4950	4345	3812
30°	14845	13712	12497	11235	9919	8604	7384	6386	5507	4744	4129
27.5°	16602	15316	14005	12651	11240	9775	8364	7091	6064	5204	4480
25°	18355	16938	15474	14010	12517	10951	9333	7898	6678	5661	4792
22.5°	20088	18537	16943	15282	13698	12046	10356	8681	7245	6112	5156
20°	21840	20098	18369	16569	14802	13117	11302	9506	7912	6578	5493
17.5°	23511	21620	19661	17697	15834	13995	12147	10303	8527	7000	5829
15°	25091	22983	20875	18758	16727	14840	12901	10995	9108	7447	6121
12.5°	26454	24145	21951	19738	17577	15570	13568	11595	9655	7879	6419
10°	27693	25206	22887	20587	18350	16199	14120	12094	10102	8229	6659
7.5°	28749	26152	23670	21245	18921	16674	14538	12478	10447	8498	6846
5°	29561	26790	24198	21672	19301	16991	14836	12752	10692	8690	6966
2.5°	29945	27170	24481	21908	19627	17275	15104	12997	10899	8873	7096
0°	30137	27309	24611	22109	19766	17390	15176	13030	10894	8897	7106
-2.5°	29945	27170	24481	21908	19627	17275	15104	12997	10899	8873	7096
-5°	29561	26790	24198	21672	19301	16991	14836	12752	10692	8690	6966
-7.5°	28749	26152	23670	21245	18921	16674	14538	12478	10447	8498	6846
-10°	27693	25206	22887	20587	18350	16199	14120	12094	10102	8229	6659
-12.5°	26454	24145	21951	19738	17577	15570	13568	11595	9655	7879	6419
-15°	25091	22983	20875	18758	16727	14840	12901	10995	9108	7447	6121
-17.5°	23511	21620	19661	17697	15834	13995	12147	10303	8527	7000	5829
-20°	21840	20098	18369	16569	14802	13117	11302	9506	7912	6578	5493



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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°	20088	18537	16943	15282	13698	12046	10356	8681	7245	6112	5156
-25°	18355	16938	15474	14010	12517	10951	9333	7898	6678	5661	4792
-27.5°	16602	15316	14005	12651	11240	9775	8364	7091	6064	5204	4480
-30°	14845	13712	12497	11235	9919	8604	7384	6386	5507	4744	4129
-32.5°	13189	12065	10947	9790	8613	7485	6549	5689	4950	4345	3812
-35°	11331	10390	9381	8383	7370	6554	5761	5070	4480	3951	3500
-37.5°	9574	8753	7927	7087	6390	5704	5075	4523	4038	3601	3212
-40°	7965	7264	6678	6059	5512	4955	4480	4033	3630	3270	2934
-42.5°	6606	6112	5646	5200	4744	4340	3937	3591	3265	2962	2689
-45°	5521	5171	4801	4475	4119	3803	3481	3202	2934	2689	2444
-47.5°	4648	4393	4119	3860	3596	3327	3097	2871	2641	2425	2233
-50°	3927	3745	3543	3332	3140	2934	2741	2554	2372	2199	2026
-52.5°	3337	3202	3058	2895	2746	2588	2439	2281	2132	1983	1839
-55°	2862	2756	2645	2525	2405	2281	2156	2031	1911	1781	1671
-57.5°	2458	2377	2295	2209	2108	2012	1911	1805	1709	1608	1508
-60°	2132	2065	2002	1925	1848	1772	1690	1608	1522	1445	1359
-62.5°	1839	1786	1733	1685	1623	1560	1493	1426	1359	1292	1220
-65°	1594	1560	1517	1474	1426	1373	1316	1258	1205	1143	1090
-67.5°	1383	1359	1325	1287	1244	1200	1157	1109	1061	1013	970
-70°	1191	1172	1148	1114	1080	1047	1013	970	931	888	850
-72.5°	1013	999	984	960	931	903	874	840	802	759	720
-75°	835	831	821	802	783	763	739	701	653	600	562
-77.5°	667	672	667	653	639	619	591	547	504	461	427
-80°	533	538	543	528	514	499	475	432	389	346	312
-82.5°	403	408	408	399	384	375	360	327	293	264	235
-85°	245	245	245	245	245	245	240	221	197	178	158
-87.5°	120	120	115	120	120	120	120	106	96	86	77
-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°	82	86	91	91	91	86	82	77	67	62	58
85°	168	173	182	187	178	173	158	149	139	125	115
82.5°	250	259	269	269	259	250	235	221	206	187	168
80°	331	346	360	360	346	327	307	288	269	245	221
77.5°	437	447	451	456	437	418	394	360	331	303	274
75°	552	552	557	547	528	514	480	442	399	360	322
72.5°	691	667	658	643	610	581	557	523	466	413	370
70°	811	778	749	720	687	648	619	576	528	466	413
67.5°	927	883	840	802	759	720	677	624	571	514	456
65°	1042	989	936	883	835	787	739	677	615	557	495
62.5°	1157	1095	1032	970	912	855	802	730	658	595	528
60°	1277	1210	1138	1066	994	927	859	783	706	629	562
57.5°	1416	1320	1239	1157	1076	999	917	835	754	672	591
55°	1556	1450	1344	1253	1162	1076	979	888	797	711	619
52.5°	1704	1580	1464	1349	1248	1148	1047	951	845	749	639
50°	1868	1719	1584	1455	1335	1224	1114	1003	893	787	663
47.5°	2041	1868	1709	1560	1431	1296	1176	1061	941	831	687
45°	2233	2026	1839	1676	1517	1373	1244	1114	989	859	701
42.5°	2420	2194	1983	1781	1613	1450	1311	1172	1037	883	725
40°	2641	2362	2127	1911	1709	1527	1368	1224	1085	912	744
37.5°	2871	2549	2276	2026	1805	1608	1436	1272	1119	941	763
35°	3102	2741	2425	2146	1906	1690	1498	1325	1152	965	783
32.5°	3342	2934	2573	2266	2002	1772	1560	1373	1191	994	797
30°	3606	3135	2727	2381	2093	1844	1623	1421	1229	1018	811
27.5°	3855	3322	2876	2506	2189	1921	1680	1469	1272	1042	831
25°	4105	3524	3034	2621	2281	1988	1738	1512	1311	1071	845
22.5°	4374	3721	3178	2732	2362	2055	1791	1560	1344	1100	859
20°	4619	3899	3303	2838	2449	2122	1844	1599	1373	1128	874
17.5°	4844	4081	3457	2948	2530	2185	1887	1632	1402	1152	883
15°	5089	4263	3591	3044	2602	2237	1930	1666	1426	1176	888
12.5°	5301	4417	3707	3130	2665	2281	1964	1690	1450	1200	898
10°	5473	4542	3803	3198	2713	2319	1988	1714	1464	1215	903
7.5°	5608	4638	3875	3250	2751	2348	2012	1728	1479	1229	903
5°	5709	4710	3923	3289	2780	2372	2031	1743	1493	1248	907
2.5°	5800	4787	3961	3322	2804	2391	2045	1752	1493	1244	898
0°	5814	4801	3956	3322	2804	2396	2045	1752	1488	1239	888
-2.5°	5800	4787	3961	3322	2804	2391	2045	1752	1493	1244	898
-5°	5709	4710	3923	3289	2780	2372	2031	1743	1493	1248	907
-7.5°	5608	4638	3875	3250	2751	2348	2012	1728	1479	1229	903
-10°	5473	4542	3803	3198	2713	2319	1988	1714	1464	1215	903
-12.5°	5301	4417	3707	3130	2665	2281	1964	1690	1450	1200	898
-15°	5089	4263	3591	3044	2602	2237	1930	1666	1426	1176	888
-17.5°	4844	4081	3457	2948	2530	2185	1887	1632	1402	1152	883
-20°	4619	3899	3303	2838	2449	2122	1844	1599	1373	1128	874



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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°	4374	3721	3178	2732	2362	2055	1791	1560	1344	1100	859
-25°	4105	3524	3034	2621	2281	1988	1738	1512	1311	1071	845
-27.5°	3855	3322	2876	2506	2189	1921	1680	1469	1272	1042	831
-30°	3606	3135	2727	2381	2093	1844	1623	1421	1229	1018	811
-32.5°	3342	2934	2573	2266	2002	1772	1560	1373	1191	994	797
-35°	3102	2741	2425	2146	1906	1690	1498	1325	1152	965	783
-37.5°	2871	2549	2276	2026	1805	1608	1436	1272	1119	941	763
-40°	2641	2362	2127	1911	1709	1527	1368	1224	1085	912	744
-42.5°	2420	2194	1983	1781	1613	1450	1311	1172	1037	883	725
-45°	2233	2026	1839	1676	1517	1373	1244	1114	989	859	701
-47.5°	2041	1868	1709	1560	1431	1296	1176	1061	941	831	687
-50°	1868	1719	1584	1455	1335	1224	1114	1003	893	787	663
-52.5°	1704	1580	1464	1349	1248	1148	1047	951	845	749	639
-55°	1556	1450	1344	1253	1162	1076	979	888	797	711	619
-57.5°	1416	1320	1239	1157	1076	999	917	835	754	672	591
-60°	1277	1210	1138	1066	994	927	859	783	706	629	562
-62.5°	1157	1095	1032	970	912	855	802	730	658	595	528
-65°	1042	989	936	883	835	787	739	677	615	557	495
-67.5°	927	883	840	802	759	720	677	624	571	514	456
-70°	811	778	749	720	687	648	619	576	528	466	413
-72.5°	691	667	658	643	610	581	557	523	466	413	370
-75°	552	552	557	547	528	514	480	442	399	360	322
-77.5°	437	447	451	456	437	418	394	360	331	303	274
-80°	331	346	360	360	346	327	307	288	269	245	221
-82.5°	250	259	269	269	259	250	235	221	206	187	168
-85°	168	173	182	187	178	173	158	149	139	125	115
-87.5°	82	86	91	91	91	86	82	77	67	62	58
-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°	48	38	29	19	10	5	0
85°	101	77	53	34	19	10	0
82.5°	149	110	82	53	34	14	0
80°	197	149	106	72	43	19	0
77.5°	240	182	134	86	53	24	0
75°	279	211	158	106	62	29	0
72.5°	317	240	178	120	72	34	0
70°	355	269	197	139	82	38	0
67.5°	384	293	216	149	91	43	0
65°	408	317	231	158	101	43	0
62.5°	432	336	245	168	110	48	0
60°	461	355	264	178	115	53	0
57.5°	480	370	274	187	120	58	0
55°	499	389	283	197	130	62	0
52.5°	519	403	298	202	134	62	0
50°	533	418	307	206	139	67	0
47.5°	552	427	312	211	144	72	0
45°	567	442	322	216	149	72	0
42.5°	581	451	327	221	149	77	0
40°	595	456	336	231	154	82	0
37.5°	605	466	341	235	158	82	0
35°	610	471	346	240	163	86	0
32.5°	619	480	351	250	163	86	0
30°	634	480	351	255	168	86	0
27.5°	643	485	360	255	168	91	0
25°	648	485	365	259	173	91	0
22.5°	653	490	370	264	173	91	0
20°	658	495	375	269	178	96	0
17.5°	663	504	379	269	178	96	0
15°	672	509	379	269	178	101	0
12.5°	677	509	379	274	178	101	0
10°	682	514	379	274	182	96	0
7.5°	682	514	384	274	182	96	0
5°	682	519	379	274	178	96	0
2.5°	672	519	379	269	178	96	0
0°	667	514	375	269	178	96	0
-2.5°	672	519	379	269	178	96	0
-5°	682	519	379	274	178	96	0
-7.5°	682	514	384	274	182	96	0
-10°	682	514	379	274	182	96	0
-12.5°	677	509	379	274	178	101	0
-15°	672	509	379	269	178	101	0
-17.5°	663	504	379	269	178	96	0
-20°	658	495	375	269	178	96	0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	653	490	370	264	173	91	0
-25°	648	485	365	259	173	91	0
-27.5°	643	485	360	255	168	91	0
-30°	634	480	351	255	168	86	0
-32.5°	619	480	351	250	163	86	0
-35°	610	471	346	240	163	86	0
-37.5°	605	466	341	235	158	82	0
-40°	595	456	336	231	154	82	0
-42.5°	581	451	327	221	149	77	0
-45°	567	442	322	216	149	72	0
-47.5°	552	427	312	211	144	72	0
-50°	533	418	307	206	139	67	0
-52.5°	519	403	298	202	134	62	0
-55°	499	389	283	197	130	62	0
-57.5°	480	370	274	187	120	58	0
-60°	461	355	264	178	115	53	0
-62.5°	432	336	245	168	110	48	0
-65°	408	317	231	158	101	43	0
-67.5°	384	293	216	149	91	43	0
-70°	355	269	197	139	82	38	0
-72.5°	317	240	178	120	72	34	0
-75°	279	211	158	106	62	29	0
-77.5°	240	182	134	86	53	24	0
-80°	197	149	106	72	43	19	0
-82.5°	149	110	82	53	34	14	0
-85°	101	77	53	34	19	10	0
-87.5°	48	38	29	19	10	5	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)