

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: P622284

Luminaire Tested: **IFLD-L-SA7E-760-U-66**

Issue Date: 09/20/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P622284  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 09/20/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA7E-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

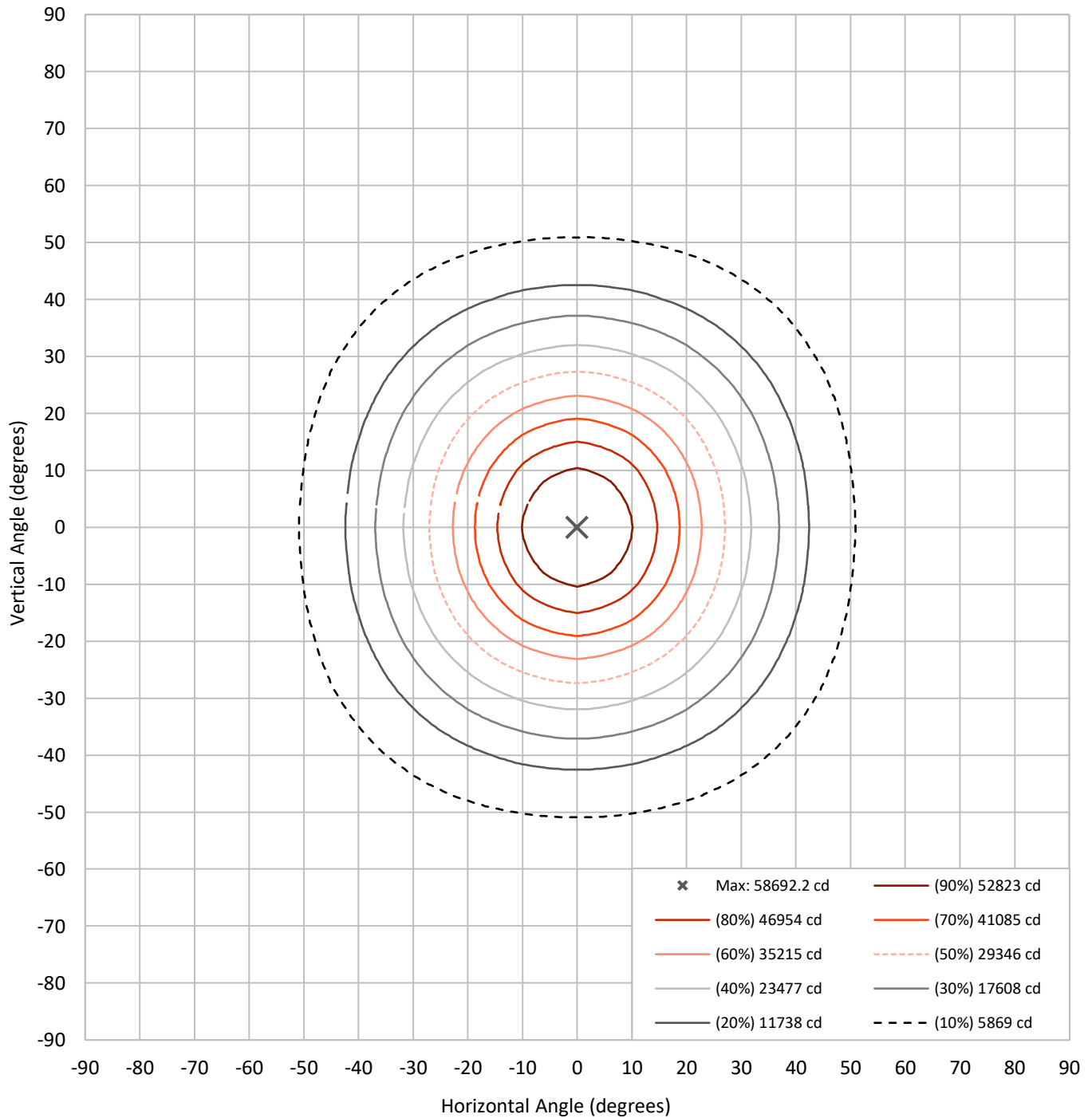
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	60873.5 lumens	Max Intensity:	58692.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	114.3 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	54.2°H x 54.7°V	Field Angle (10%):	101.7°H x 101.8°V
Beam Lumens:	29268.1 lumens	Field Lumens:	53422.4 lumens
Beam Efficiency:	48.1%	Field Efficiency:	87.8%
Input Watts (W):	532.7		
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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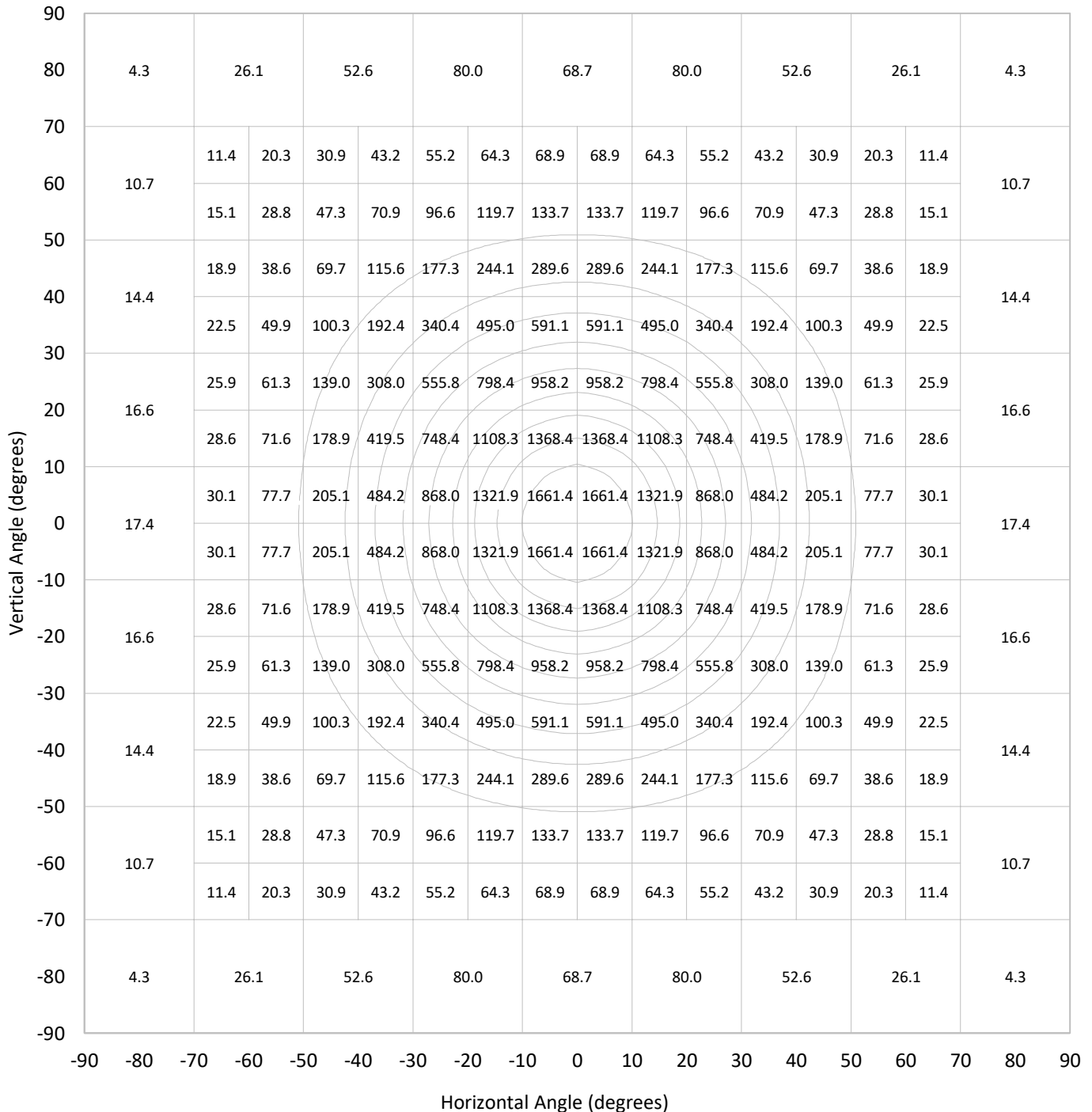
### Iso-Candela Plot





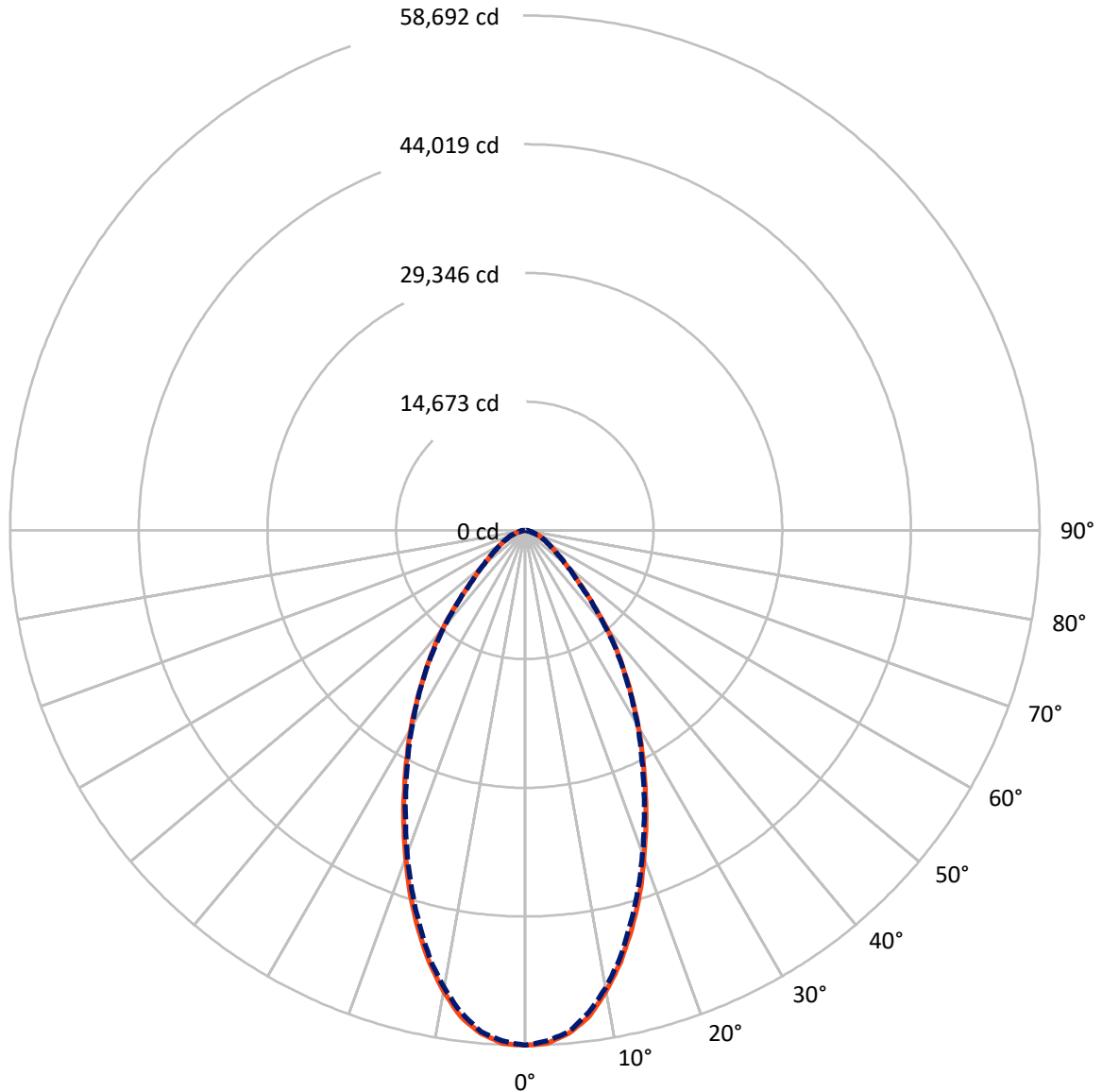
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### Lumen Table



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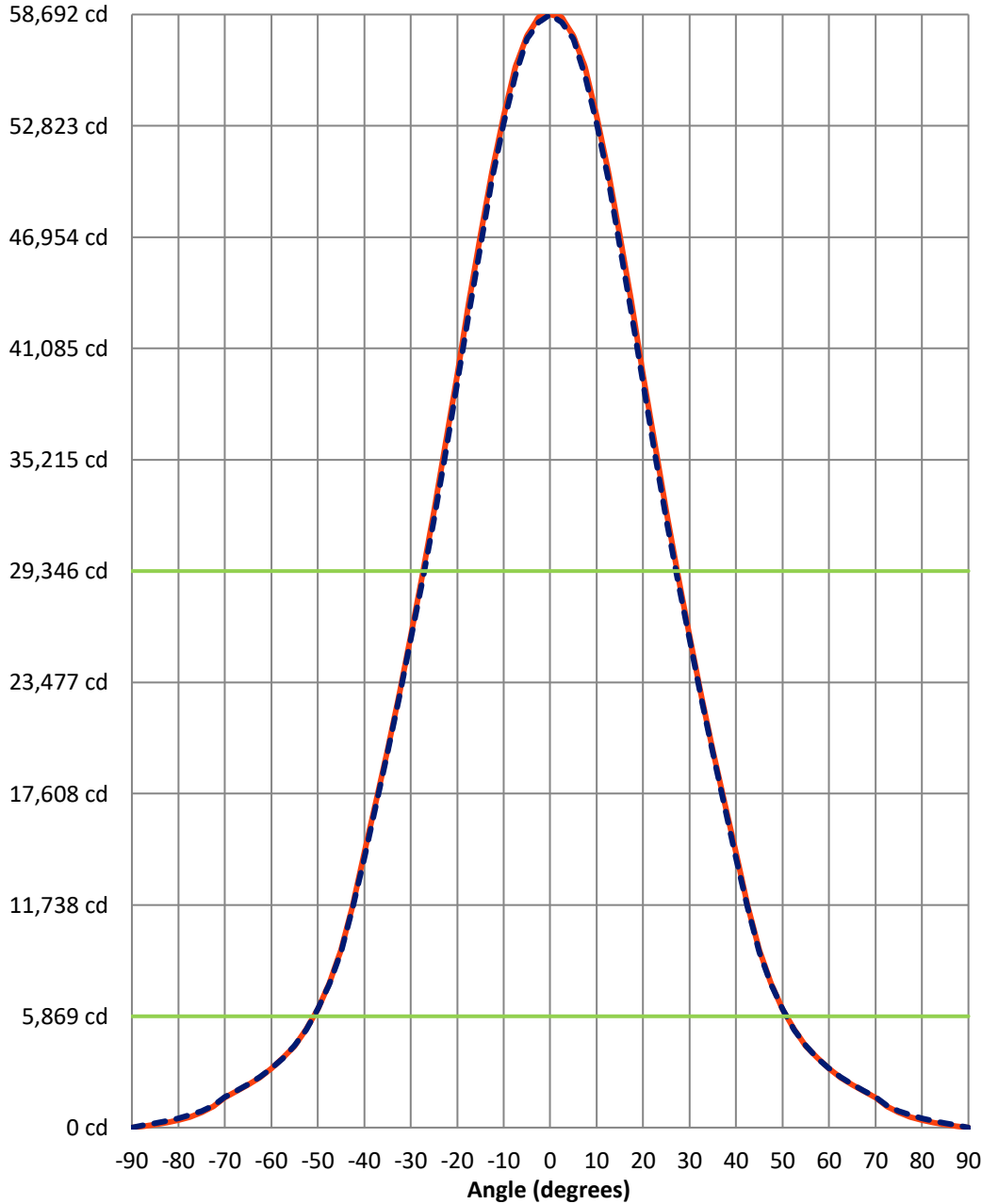
### Luminous Intensity Polar Plot



— 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: 29268.1  
Efficiency: 48.1%

**Field:**  
H Angle: 101.7°  
V Angle: 101.8°  
Lumens: 53422.4  
Efficiency: 87.8%

**Spill:**  
Lumens: 7451  
Efficiency: 12.2%

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



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	6	13	25	38	50	63	75	81	88	100
85°	0	13	25	44	69	100	131	150	163	181	194
82.5°	0	19	44	69	106	144	194	219	244	269	288
80°	0	25	56	94	138	194	256	288	319	350	375
77.5°	0	31	69	113	175	238	313	357	394	432	469
75°	0	38	81	138	206	275	363	419	469	519	575
72.5°	0	44	94	156	231	313	413	482	538	607	682
70°	0	50	106	181	256	350	463	538	607	688	751
67.5°	0	56	119	194	281	382	500	594	669	744	813
65°	0	56	131	206	300	413	532	644	725	801	882
62.5°	0	63	144	219	319	438	563	688	776	857	951
60°	0	69	150	231	344	463	600	732	819	919	1019
57.5°	0	75	156	244	357	482	625	769	876	982	1088
55°	0	81	169	256	369	507	650	807	926	1038	1157
52.5°	0	81	175	263	388	525	675	832	976	1101	1238
50°	0	88	181	269	400	544	694	863	1026	1163	1307
47.5°	0	94	188	275	407	557	719	894	1082	1226	1382
45°	0	94	194	281	419	575	738	913	1119	1288	1451
42.5°	0	100	194	288	425	588	757	944	1151	1351	1526
40°	0	106	200	300	438	594	776	969	1188	1413	1595
37.5°	0	106	206	306	444	607	788	994	1226	1457	1657
35°	0	113	213	313	450	613	794	1019	1257	1501	1726
32.5°	0	113	213	325	457	625	807	1038	1295	1551	1789
30°	0	113	219	332	457	625	826	1057	1326	1601	1851
27.5°	0	119	219	332	469	632	838	1082	1357	1657	1914
25°	0	119	225	338	475	632	844	1101	1395	1707	1970
22.5°	0	119	225	344	482	638	851	1119	1432	1751	2033
20°	0	125	231	350	488	644	857	1138	1470	1789	2083
17.5°	0	125	231	350	494	657	863	1151	1501	1826	2126
15°	0	131	231	350	494	663	876	1157	1532	1857	2170
12.5°	0	131	231	357	494	663	882	1170	1564	1889	2201
10°	0	125	238	357	494	669	888	1176	1582	1907	2233
7.5°	0	125	238	357	500	669	888	1176	1601	1926	2251
5°	0	125	231	357	494	675	888	1182	1626	1945	2270
2.5°	0	125	231	350	494	675	876	1170	1620	1945	2283
0°	0	125	231	350	494	675	876	1170	1620	1945	2283
-2.5°	0	125	231	350	494	675	876	1170	1620	1945	2283
-5°	0	125	231	357	494	675	888	1182	1626	1945	2270
-7.5°	0	125	238	357	500	669	888	1176	1601	1926	2251
-10°	0	125	238	357	494	669	888	1176	1582	1907	2233
-12.5°	0	131	231	357	494	663	882	1170	1564	1889	2201
-15°	0	131	231	350	494	663	876	1157	1532	1857	2170
-17.5°	0	125	231	350	494	657	863	1151	1501	1826	2126
-20°	0	125	231	350	488	644	857	1138	1470	1789	2083



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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	119	225	344	482	638	851	1119	1432	1751	2033
-25°	0	119	225	338	475	632	844	1101	1395	1707	1970
-27.5°	0	119	219	332	469	632	838	1082	1357	1657	1914
-30°	0	113	219	332	457	625	826	1057	1326	1601	1851
-32.5°	0	113	213	325	457	625	807	1038	1295	1551	1789
-35°	0	113	213	313	450	613	794	1019	1257	1501	1726
-37.5°	0	106	206	306	444	607	788	994	1226	1457	1657
-40°	0	106	200	300	438	594	776	969	1188	1413	1595
-42.5°	0	100	194	288	425	588	757	944	1151	1351	1526
-45°	0	94	194	281	419	575	738	913	1119	1288	1451
-47.5°	0	94	188	275	407	557	719	894	1082	1226	1382
-50°	0	88	181	269	400	544	694	863	1026	1163	1307
-52.5°	0	81	175	263	388	525	675	832	976	1101	1238
-55°	0	81	169	256	369	507	650	807	926	1038	1157
-57.5°	0	75	156	244	357	482	625	769	876	982	1088
-60°	0	69	150	231	344	463	600	732	819	919	1019
-62.5°	0	63	144	219	319	438	563	688	776	857	951
-65°	0	56	131	206	300	413	532	644	725	801	882
-67.5°	0	56	119	194	281	382	500	594	669	744	813
-70°	0	50	106	181	256	350	463	538	607	688	751
-72.5°	0	44	94	156	231	313	413	482	538	607	682
-75°	0	38	81	138	206	275	363	419	469	519	575
-77.5°	0	31	69	113	175	238	313	357	394	432	469
-80°	0	25	56	94	138	194	256	288	319	350	375
-82.5°	0	19	44	69	106	144	194	219	244	269	288
-85°	0	13	25	44	69	100	131	150	163	181	194
-87.5°	0	6	13	25	38	50	63	75	81	88	100
-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°	106	113	119	119	119	113	106	100	113	125	138
85°	206	225	231	244	238	225	219	206	231	256	288
82.5°	306	325	338	350	350	338	325	306	344	382	425
80°	400	425	450	469	469	450	432	407	450	507	563
77.5°	513	544	569	594	588	582	569	557	600	657	713
75°	625	669	688	713	725	719	719	732	782	851	913
72.5°	725	757	794	838	857	869	901	938	988	1044	1094
70°	807	844	894	938	976	1013	1057	1107	1157	1213	1263
67.5°	882	938	988	1044	1094	1151	1207	1263	1320	1382	1445
65°	963	1026	1088	1151	1220	1288	1357	1420	1488	1570	1639
62.5°	1044	1113	1188	1263	1345	1426	1507	1589	1682	1770	1857
60°	1119	1207	1295	1388	1482	1576	1664	1770	1882	1983	2095
57.5°	1195	1301	1401	1507	1614	1720	1845	1964	2095	2226	2351
55°	1276	1401	1513	1632	1751	1889	2026	2176	2320	2489	2645
52.5°	1363	1495	1626	1757	1907	2058	2220	2395	2583	2777	2971
50°	1451	1595	1739	1895	2064	2239	2433	2639	2864	3089	3327
47.5°	1532	1689	1864	2033	2226	2433	2658	2908	3158	3440	3740
45°	1620	1789	1976	2183	2395	2639	2908	3183	3502	3821	4171
42.5°	1707	1889	2101	2320	2583	2858	3152	3502	3859	4253	4678
40°	1782	1989	2226	2489	2770	3077	3440	3821	4259	4728	5253
37.5°	1870	2095	2351	2639	2964	3321	3740	4184	4690	5260	5891
35°	1951	2201	2483	2796	3158	3571	4040	4559	5147	5835	6604
32.5°	2033	2308	2608	2952	3352	3821	4353	4966	5660	6448	7411
30°	2114	2402	2727	3102	3552	4084	4697	5378	6179	7173	8318
27.5°	2189	2502	2852	3265	3746	4328	5022	5835	6779	7899	9237
25°	2264	2589	2971	3415	3952	4590	5347	6241	7373	8699	10288
22.5°	2333	2677	3077	3558	4140	4847	5697	6717	7961	9437	11307
20°	2402	2764	3190	3696	4303	5078	6016	7154	8568	10306	12383
17.5°	2458	2846	3296	3840	4503	5316	6310	7592	9118	11107	13421
15°	2514	2914	3390	3965	4678	5553	6629	7974	9700	11864	14321
12.5°	2558	2971	3471	4078	4828	5754	6904	8361	10263	12576	15103
10°	2589	3021	3533	4165	4953	5916	7129	8674	10719	13158	15753
7.5°	2620	3058	3583	4234	5047	6041	7305	8918	11069	13608	16254
5°	2645	3089	3621	4284	5109	6135	7436	9074	11319	13927	16610
2.5°	2664	3114	3652	4328	5159	6235	7555	9243	11557	14196	16929
0°	2664	3121	3652	4328	5153	6254	7573	9256	11588	14190	16973
-2.5°	2664	3114	3652	4328	5159	6235	7555	9243	11557	14196	16929
-5°	2645	3089	3621	4284	5109	6135	7436	9074	11319	13927	16610
-7.5°	2620	3058	3583	4234	5047	6041	7305	8918	11069	13608	16254
-10°	2589	3021	3533	4165	4953	5916	7129	8674	10719	13158	15753
-12.5°	2558	2971	3471	4078	4828	5754	6904	8361	10263	12576	15103
-15°	2514	2914	3390	3965	4678	5553	6629	7974	9700	11864	14321
-17.5°	2458	2846	3296	3840	4503	5316	6310	7592	9118	11107	13421
-20°	2402	2764	3190	3696	4303	5078	6016	7154	8568	10306	12383



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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°	2333	2677	3077	3558	4140	4847	5697	6717	7961	9437	11307
-25°	2264	2589	2971	3415	3952	4590	5347	6241	7373	8699	10288
-27.5°	2189	2502	2852	3265	3746	4328	5022	5835	6779	7899	9237
-30°	2114	2402	2727	3102	3552	4084	4697	5378	6179	7173	8318
-32.5°	2033	2308	2608	2952	3352	3821	4353	4966	5660	6448	7411
-35°	1951	2201	2483	2796	3158	3571	4040	4559	5147	5835	6604
-37.5°	1870	2095	2351	2639	2964	3321	3740	4184	4690	5260	5891
-40°	1782	1989	2226	2489	2770	3077	3440	3821	4259	4728	5253
-42.5°	1707	1889	2101	2320	2583	2858	3152	3502	3859	4253	4678
-45°	1620	1789	1976	2183	2395	2639	2908	3183	3502	3821	4171
-47.5°	1532	1689	1864	2033	2226	2433	2658	2908	3158	3440	3740
-50°	1451	1595	1739	1895	2064	2239	2433	2639	2864	3089	3327
-52.5°	1363	1495	1626	1757	1907	2058	2220	2395	2583	2777	2971
-55°	1276	1401	1513	1632	1751	1889	2026	2176	2320	2489	2645
-57.5°	1195	1301	1401	1507	1614	1720	1845	1964	2095	2226	2351
-60°	1119	1207	1295	1388	1482	1576	1664	1770	1882	1983	2095
-62.5°	1044	1113	1188	1263	1345	1426	1507	1589	1682	1770	1857
-65°	963	1026	1088	1151	1220	1288	1357	1420	1488	1570	1639
-67.5°	882	938	988	1044	1094	1151	1207	1263	1320	1382	1445
-70°	807	844	894	938	976	1013	1057	1107	1157	1213	1263
-72.5°	725	757	794	838	857	869	901	938	988	1044	1094
-75°	625	669	688	713	725	719	719	732	782	851	913
-77.5°	513	544	569	594	588	582	569	557	600	657	713
-80°	400	425	450	469	469	450	432	407	450	507	563
-82.5°	306	325	338	350	350	338	325	306	344	382	425
-85°	206	225	231	244	238	225	219	206	231	256	288
-87.5°	106	113	119	119	119	113	106	100	113	125	138
-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°	156	156	156	156	150	156	156	163	169	150	131
85°	313	319	319	319	319	319	319	319	319	288	256
82.5°	469	488	500	519	532	532	525	519	507	457	400
80°	619	650	669	688	707	700	694	682	675	613	550
77.5°	769	807	832	851	869	876	869	869	863	807	738
75°	963	994	1019	1044	1069	1082	1088	1088	1088	1038	976
72.5°	1138	1176	1213	1251	1282	1301	1320	1332	1345	1320	1282
70°	1320	1363	1407	1451	1495	1526	1551	1576	1589	1595	1595
67.5°	1507	1564	1620	1676	1726	1770	1801	1832	1857	1882	1895
65°	1714	1789	1857	1920	1976	2033	2076	2120	2158	2189	2208
62.5°	1945	2033	2114	2195	2258	2326	2395	2458	2508	2552	2583
60°	2201	2308	2408	2508	2608	2689	2777	2852	2914	2971	3021
57.5°	2489	2620	2745	2877	2989	3096	3202	3308	3402	3477	3540
55°	2808	2971	3133	3290	3446	3590	3727	3865	3990	4090	4178
52.5°	3177	3371	3577	3771	3984	4171	4346	4534	4703	4853	4978
50°	3571	3821	4090	4340	4615	4878	5116	5353	5591	5797	5966
47.5°	4034	4334	4684	5028	5366	5722	6054	6366	6692	6967	7198
45°	4534	4953	5366	5829	6254	6735	7192	7648	8049	8449	8787
42.5°	5128	5654	6179	6773	7355	7961	8605	9181	9781	10369	10857
40°	5835	6454	7179	7892	8699	9462	10375	11182	11945	12689	13321
37.5°	6610	7430	8324	9231	10325	11401	12470	13483	14390	15222	15885
35°	7505	8537	9600	10919	12220	13533	14759	15910	16942	17786	18486
32.5°	8530	9750	11219	12752	14259	15716	17179	18318	19393	20356	21182
30°	9618	11207	12920	14634	16279	17861	19337	20706	21957	23039	23965
27.5°	10894	12733	14640	16479	18242	19950	21626	23189	24559	25697	26848
25°	12157	14265	16304	18249	20156	22064	23908	25666	27267	28661	29906
22.5°	13490	15691	17842	19906	22070	24146	26166	28167	30006	31613	33014
20°	14722	17086	19281	21582	23927	26179	28449	30613	32664	34602	36197
17.5°	15822	18230	20625	23052	25609	28161	30625	32970	35309	37567	39556
15°	16804	19331	21788	24434	27192	29937	32683	35265	37898	40400	42626
12.5°	17673	20281	22895	25710	28593	31451	34459	37460	40381	43076	45490
10°	18393	21100	23902	26816	29812	32833	36072	39405	42532	45397	48023
7.5°	18937	21720	24646	27673	30831	34065	37448	40844	44152	47229	49981
5°	19324	22132	25140	28230	31519	34896	38505	42126	45503	48686	51500
2.5°	19675	22501	25566	28536	31888	35390	39005	42757	46210	49480	52614
0°	19768	22651	25747	28799	32057	35572	39255	42920	46460	50012	52957
-2.5°	19675	22501	25566	28536	31888	35390	39005	42757	46210	49480	52614
-5°	19324	22132	25140	28230	31519	34896	38505	42126	45503	48686	51500
-7.5°	18937	21720	24646	27673	30831	34065	37448	40844	44152	47229	49981
-10°	18393	21100	23902	26816	29812	32833	36072	39405	42532	45397	48023
-12.5°	17673	20281	22895	25710	28593	31451	34459	37460	40381	43076	45490
-15°	16804	19331	21788	24434	27192	29937	32683	35265	37898	40400	42626
-17.5°	15822	18230	20625	23052	25609	28161	30625	32970	35309	37567	39556
-20°	14722	17086	19281	21582	23927	26179	28449	30613	32664	34602	36197



REPORT NUMBER: P622284  
 CATALOG NUMBER: IFLD-L-SA7E-760-U-66

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	13490	15691	17842	19906	22070	24146	26166	28167	30006	31613	33014
-25°	12157	14265	16304	18249	20156	22064	23908	25666	27267	28661	29906
-27.5°	10894	12733	14640	16479	18242	19950	21626	23189	24559	25697	26848
-30°	9618	11207	12920	14634	16279	17861	19337	20706	21957	23039	23965
-32.5°	8530	9750	11219	12752	14259	15716	17179	18318	19393	20356	21182
-35°	7505	8537	9600	10919	12220	13533	14759	15910	16942	17786	18486
-37.5°	6610	7430	8324	9231	10325	11401	12470	13483	14390	15222	15885
-40°	5835	6454	7179	7892	8699	9462	10375	11182	11945	12689	13321
-42.5°	5128	5654	6179	6773	7355	7961	8605	9181	9781	10369	10857
-45°	4534	4953	5366	5829	6254	6735	7192	7648	8049	8449	8787
-47.5°	4034	4334	4684	5028	5366	5722	6054	6366	6692	6967	7198
-50°	3571	3821	4090	4340	4615	4878	5116	5353	5591	5797	5966
-52.5°	3177	3371	3577	3771	3984	4171	4346	4534	4703	4853	4978
-55°	2808	2971	3133	3290	3446	3590	3727	3865	3990	4090	4178
-57.5°	2489	2620	2745	2877	2989	3096	3202	3308	3402	3477	3540
-60°	2201	2308	2408	2508	2608	2689	2777	2852	2914	2971	3021
-62.5°	1945	2033	2114	2195	2258	2326	2395	2458	2508	2552	2583
-65°	1714	1789	1857	1920	1976	2033	2076	2120	2158	2189	2208
-67.5°	1507	1564	1620	1676	1726	1770	1801	1832	1857	1882	1895
-70°	1320	1363	1407	1451	1495	1526	1551	1576	1589	1595	1595
-72.5°	1138	1176	1213	1251	1282	1301	1320	1332	1345	1320	1282
-75°	963	994	1019	1044	1069	1082	1088	1088	1088	1038	976
-77.5°	769	807	832	851	869	876	869	869	863	807	738
-80°	619	650	669	688	707	700	694	682	675	613	550
-82.5°	469	488	500	519	532	532	525	519	507	457	400
-85°	313	319	319	319	319	319	319	319	319	288	256
-87.5°	156	156	156	156	150	156	156	163	169	150	131
-90°	0	0	0	0	0	0	0	0	0	0	0



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 CATALOG NUMBER: IFLD-L-SA7E-760-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°	106	88	81	69	81	88	106	131	150	169	163
85°	219	181	175	163	175	181	219	256	288	319	319
82.5°	350	288	275	263	275	288	350	400	457	507	519
80°	494	419	407	394	407	419	494	550	613	675	682
77.5°	669	600	575	557	575	600	669	738	807	863	869
75°	907	838	819	801	819	838	907	976	1038	1088	1088
72.5°	1238	1207	1157	1113	1157	1207	1238	1282	1320	1345	1332
70°	1601	1614	1601	1582	1601	1614	1601	1595	1595	1589	1576
67.5°	1901	1914	1914	1920	1914	1914	1901	1895	1882	1857	1832
65°	2226	2233	2251	2258	2251	2233	2226	2208	2189	2158	2120
62.5°	2602	2620	2633	2633	2633	2620	2602	2583	2552	2508	2458
60°	3052	3077	3108	3114	3108	3077	3052	3021	2971	2914	2852
57.5°	3590	3621	3665	3677	3665	3621	3590	3540	3477	3402	3308
55°	4240	4284	4309	4296	4309	4284	4240	4178	4090	3990	3865
52.5°	5084	5159	5209	5184	5209	5159	5084	4978	4853	4703	4534
50°	6104	6198	6260	6241	6260	6198	6104	5966	5797	5591	5353
47.5°	7380	7511	7617	7623	7617	7511	7380	7198	6967	6692	6366
45°	9056	9249	9393	9368	9393	9249	9056	8787	8449	8049	7648
42.5°	11232	11501	11713	11695	11713	11501	11232	10857	10369	9781	9181
40°	13790	14121	14403	14478	14403	14121	13790	13321	12689	11945	11182
37.5°	16423	16848	17204	17167	17204	16848	16423	15885	15222	14390	13483
35°	19068	19512	19862	19893	19862	19512	19068	18486	17786	16942	15910
32.5°	21838	22332	22745	22802	22745	22332	21838	21182	20356	19393	18318
30°	24728	25322	25816	25916	25816	25322	24728	23965	23039	21957	20706
27.5°	27767	28474	28943	29124	28943	28474	27767	26848	25697	24559	23189
25°	30900	31669	32195	32489	32195	31669	30900	29906	28661	27267	25666
22.5°	34171	35084	35766	36091	35766	35084	34171	33014	31613	30006	28167
20°	37548	38542	39337	39674	39337	38542	37548	36197	34602	32664	30613
17.5°	40988	42201	43083	43514	43083	42201	40988	39556	37567	35309	32970
15°	44327	45615	46572	47035	46572	45615	44327	42626	40400	37898	35265
12.5°	47423	48786	49743	50412	49743	48786	47423	45490	43076	40381	37460
10°	50187	51675	52645	53339	52645	51675	50187	48023	45397	42532	39405
7.5°	52257	54139	55234	55916	55234	54139	52257	49981	47229	44152	40844
5°	53846	55922	56916	57560	56916	55922	53846	51500	48686	45503	42126
2.5°	55009	56647	57892	58536	57892	56647	55009	52614	49480	46210	42757
0°	55465	57391	58273	58692	58273	57391	55465	52957	50012	46460	42920
-2.5°	55009	56647	57892	58536	57892	56647	55009	52614	49480	46210	42757
-5°	53846	55922	56916	57560	56916	55922	53846	51500	48686	45503	42126
-7.5°	52257	54139	55234	55916	55234	54139	52257	49981	47229	44152	40844
-10°	50187	51675	52645	53339	52645	51675	50187	48023	45397	42532	39405
-12.5°	47423	48786	49743	50412	49743	48786	47423	45490	43076	40381	37460
-15°	44327	45615	46572	47035	46572	45615	44327	42626	40400	37898	35265
-17.5°	40988	42201	43083	43514	43083	42201	40988	39556	37567	35309	32970
-20°	37548	38542	39337	39674	39337	38542	37548	36197	34602	32664	30613



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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°	34171	35084	35766	36091	35766	35084	34171	33014	31613	30006	28167
-25°	30900	31669	32195	32489	32195	31669	30900	29906	28661	27267	25666
-27.5°	27767	28474	28943	29124	28943	28474	27767	26848	25697	24559	23189
-30°	24728	25322	25816	25916	25816	25322	24728	23965	23039	21957	20706
-32.5°	21838	22332	22745	22802	22745	22332	21838	21182	20356	19393	18318
-35°	19068	19512	19862	19893	19862	19512	19068	18486	17786	16942	15910
-37.5°	16423	16848	17204	17167	17204	16848	16423	15885	15222	14390	13483
-40°	13790	14121	14403	14478	14403	14121	13790	13321	12689	11945	11182
-42.5°	11232	11501	11713	11695	11713	11501	11232	10857	10369	9781	9181
-45°	9056	9249	9393	9368	9393	9249	9056	8787	8449	8049	7648
-47.5°	7380	7511	7617	7623	7617	7511	7380	7198	6967	6692	6366
-50°	6104	6198	6260	6241	6260	6198	6104	5966	5797	5591	5353
-52.5°	5084	5159	5209	5184	5209	5159	5084	4978	4853	4703	4534
-55°	4240	4284	4309	4296	4309	4284	4240	4178	4090	3990	3865
-57.5°	3590	3621	3665	3677	3665	3621	3590	3540	3477	3402	3308
-60°	3052	3077	3108	3114	3108	3077	3052	3021	2971	2914	2852
-62.5°	2602	2620	2633	2633	2633	2620	2602	2583	2552	2508	2458
-65°	2226	2233	2251	2258	2251	2233	2226	2208	2189	2158	2120
-67.5°	1901	1914	1914	1920	1914	1914	1901	1895	1882	1857	1832
-70°	1601	1614	1601	1582	1601	1614	1601	1595	1595	1589	1576
-72.5°	1238	1207	1157	1113	1157	1207	1238	1282	1320	1345	1332
-75°	907	838	819	801	819	838	907	976	1038	1088	1088
-77.5°	669	600	575	557	575	600	669	738	807	863	869
-80°	494	419	407	394	407	419	494	550	613	675	682
-82.5°	350	288	275	263	275	288	350	400	457	507	519
-85°	219	181	175	163	175	181	219	256	288	319	319
-87.5°	106	88	81	69	81	88	106	131	150	169	163
-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°	156	156	150	156	156	156	156	138	125	113	100
85°	319	319	319	319	319	319	313	288	256	231	206
82.5°	525	532	532	519	500	488	469	425	382	344	306
80°	694	700	707	688	669	650	619	563	507	450	407
77.5°	869	876	869	851	832	807	769	713	657	600	557
75°	1088	1082	1069	1044	1019	994	963	913	851	782	732
72.5°	1320	1301	1282	1251	1213	1176	1138	1094	1044	988	938
70°	1551	1526	1495	1451	1407	1363	1320	1263	1213	1157	1107
67.5°	1801	1770	1726	1676	1620	1564	1507	1445	1382	1320	1263
65°	2076	2033	1976	1920	1857	1789	1714	1639	1570	1488	1420
62.5°	2395	2326	2258	2195	2114	2033	1945	1857	1770	1682	1589
60°	2777	2689	2608	2508	2408	2308	2201	2095	1983	1882	1770
57.5°	3202	3096	2989	2877	2745	2620	2489	2351	2226	2095	1964
55°	3727	3590	3446	3290	3133	2971	2808	2645	2489	2320	2176
52.5°	4346	4171	3984	3771	3577	3371	3177	2971	2777	2583	2395
50°	5116	4878	4615	4340	4090	3821	3571	3327	3089	2864	2639
47.5°	6054	5722	5366	5028	4684	4334	4034	3740	3440	3158	2908
45°	7192	6735	6254	5829	5366	4953	4534	4171	3821	3502	3183
42.5°	8605	7961	7355	6773	6179	5654	5128	4678	4253	3859	3502
40°	10375	9462	8699	7892	7179	6454	5835	5253	4728	4259	3821
37.5°	12470	11401	10325	9231	8324	7430	6610	5891	5260	4690	4184
35°	14759	13533	12220	10919	9600	8537	7505	6604	5835	5147	4559
32.5°	17179	15716	14259	12752	11219	9750	8530	7411	6448	5660	4966
30°	19337	17861	16279	14634	12920	11207	9618	8318	7173	6179	5378
27.5°	21626	19950	18242	16479	14640	12733	10894	9237	7899	6779	5835
25°	23908	22064	20156	18249	16304	14265	12157	10288	8699	7373	6241
22.5°	26166	24146	22070	19906	17842	15691	13490	11307	9437	7961	6717
20°	28449	26179	23927	21582	19281	17086	14722	12383	10306	8568	7154
17.5°	30625	28161	25609	23052	20625	18230	15822	13421	11107	9118	7592
15°	32683	29937	27192	24434	21788	19331	16804	14321	11864	9700	7974
12.5°	34459	31451	28593	25710	22895	20281	17673	15103	12576	10263	8361
10°	36072	32833	29812	26816	23902	21100	18393	15753	13158	10719	8674
7.5°	37448	34065	30831	27673	24646	21720	18937	16254	13608	11069	8918
5°	38505	34896	31519	28230	25140	22132	19324	16610	13927	11319	9074
2.5°	39005	35390	31888	28536	25566	22501	19675	16929	14196	11557	9243
0°	39255	35572	32057	28799	25747	22651	19768	16973	14190	11588	9256
-2.5°	39005	35390	31888	28536	25566	22501	19675	16929	14196	11557	9243
-5°	38505	34896	31519	28230	25140	22132	19324	16610	13927	11319	9074
-7.5°	37448	34065	30831	27673	24646	21720	18937	16254	13608	11069	8918
-10°	36072	32833	29812	26816	23902	21100	18393	15753	13158	10719	8674
-12.5°	34459	31451	28593	25710	22895	20281	17673	15103	12576	10263	8361
-15°	32683	29937	27192	24434	21788	19331	16804	14321	11864	9700	7974
-17.5°	30625	28161	25609	23052	20625	18230	15822	13421	11107	9118	7592
-20°	28449	26179	23927	21582	19281	17086	14722	12383	10306	8568	7154



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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°	26166	24146	22070	19906	17842	15691	13490	11307	9437	7961	6717
-25°	23908	22064	20156	18249	16304	14265	12157	10288	8699	7373	6241
-27.5°	21626	19950	18242	16479	14640	12733	10894	9237	7899	6779	5835
-30°	19337	17861	16279	14634	12920	11207	9618	8318	7173	6179	5378
-32.5°	17179	15716	14259	12752	11219	9750	8530	7411	6448	5660	4966
-35°	14759	13533	12220	10919	9600	8537	7505	6604	5835	5147	4559
-37.5°	12470	11401	10325	9231	8324	7430	6610	5891	5260	4690	4184
-40°	10375	9462	8699	7892	7179	6454	5835	5253	4728	4259	3821
-42.5°	8605	7961	7355	6773	6179	5654	5128	4678	4253	3859	3502
-45°	7192	6735	6254	5829	5366	4953	4534	4171	3821	3502	3183
-47.5°	6054	5722	5366	5028	4684	4334	4034	3740	3440	3158	2908
-50°	5116	4878	4615	4340	4090	3821	3571	3327	3089	2864	2639
-52.5°	4346	4171	3984	3771	3577	3371	3177	2971	2777	2583	2395
-55°	3727	3590	3446	3290	3133	2971	2808	2645	2489	2320	2176
-57.5°	3202	3096	2989	2877	2745	2620	2489	2351	2226	2095	1964
-60°	2777	2689	2608	2508	2408	2308	2201	2095	1983	1882	1770
-62.5°	2395	2326	2258	2195	2114	2033	1945	1857	1770	1682	1589
-65°	2076	2033	1976	1920	1857	1789	1714	1639	1570	1488	1420
-67.5°	1801	1770	1726	1676	1620	1564	1507	1445	1382	1320	1263
-70°	1551	1526	1495	1451	1407	1363	1320	1263	1213	1157	1107
-72.5°	1320	1301	1282	1251	1213	1176	1138	1094	1044	988	938
-75°	1088	1082	1069	1044	1019	994	963	913	851	782	732
-77.5°	869	876	869	851	832	807	769	713	657	600	557
-80°	694	700	707	688	669	650	619	563	507	450	407
-82.5°	525	532	532	519	500	488	469	425	382	344	306
-85°	319	319	319	319	319	319	313	288	256	231	206
-87.5°	156	156	150	156	156	156	156	138	125	113	100
-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°	106	113	119	119	119	113	106	100	88	81	75
85°	219	225	238	244	231	225	206	194	181	163	150
82.5°	325	338	350	350	338	325	306	288	269	244	219
80°	432	450	469	469	450	425	400	375	350	319	288
77.5°	569	582	588	594	569	544	513	469	432	394	357
75°	719	719	725	713	688	669	625	575	519	469	419
72.5°	901	869	857	838	794	757	725	682	607	538	482
70°	1057	1013	976	938	894	844	807	751	688	607	538
67.5°	1207	1151	1094	1044	988	938	882	813	744	669	594
65°	1357	1288	1220	1151	1088	1026	963	882	801	725	644
62.5°	1507	1426	1345	1263	1188	1113	1044	951	857	776	688
60°	1664	1576	1482	1388	1295	1207	1119	1019	919	819	732
57.5°	1845	1720	1614	1507	1401	1301	1195	1088	982	876	769
55°	2026	1889	1751	1632	1513	1401	1276	1157	1038	926	807
52.5°	2220	2058	1907	1757	1626	1495	1363	1238	1101	976	832
50°	2433	2239	2064	1895	1739	1595	1451	1307	1163	1026	863
47.5°	2658	2433	2226	2033	1864	1689	1532	1382	1226	1082	894
45°	2908	2639	2395	2183	1976	1789	1620	1451	1288	1119	913
42.5°	3152	2858	2583	2320	2101	1889	1707	1526	1351	1151	944
40°	3440	3077	2770	2489	2226	1989	1782	1595	1413	1188	969
37.5°	3740	3321	2964	2639	2351	2095	1870	1657	1457	1226	994
35°	4040	3571	3158	2796	2483	2201	1951	1726	1501	1257	1019
32.5°	4353	3821	3352	2952	2608	2308	2033	1789	1551	1295	1038
30°	4697	4084	3552	3102	2727	2402	2114	1851	1601	1326	1057
27.5°	5022	4328	3746	3265	2852	2502	2189	1914	1657	1357	1082
25°	5347	4590	3952	3415	2971	2589	2264	1970	1707	1395	1101
22.5°	5697	4847	4140	3558	3077	2677	2333	2033	1751	1432	1119
20°	6016	5078	4303	3696	3190	2764	2402	2083	1789	1470	1138
17.5°	6310	5316	4503	3840	3296	2846	2458	2126	1826	1501	1151
15°	6629	5553	4678	3965	3390	2914	2514	2170	1857	1532	1157
12.5°	6904	5754	4828	4078	3471	2971	2558	2201	1889	1564	1170
10°	7129	5916	4953	4165	3533	3021	2589	2233	1907	1582	1176
7.5°	7305	6041	5047	4234	3583	3058	2620	2251	1926	1601	1176
5°	7436	6135	5109	4284	3621	3089	2645	2270	1945	1626	1182
2.5°	7555	6235	5159	4328	3652	3114	2664	2283	1945	1620	1170
0°	7573	6254	5153	4328	3652	3121	2664	2283	1939	1614	1157
-2.5°	7555	6235	5159	4328	3652	3114	2664	2283	1945	1620	1170
-5°	7436	6135	5109	4284	3621	3089	2645	2270	1945	1626	1182
-7.5°	7305	6041	5047	4234	3583	3058	2620	2251	1926	1601	1176
-10°	7129	5916	4953	4165	3533	3021	2589	2233	1907	1582	1176
-12.5°	6904	5754	4828	4078	3471	2971	2558	2201	1889	1564	1170
-15°	6629	5553	4678	3965	3390	2914	2514	2170	1857	1532	1157
-17.5°	6310	5316	4503	3840	3296	2846	2458	2126	1826	1501	1151
-20°	6016	5078	4303	3696	3190	2764	2402	2083	1789	1470	1138



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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°	5697	4847	4140	3558	3077	2677	2333	2033	1751	1432	1119
-25°	5347	4590	3952	3415	2971	2589	2264	1970	1707	1395	1101
-27.5°	5022	4328	3746	3265	2852	2502	2189	1914	1657	1357	1082
-30°	4697	4084	3552	3102	2727	2402	2114	1851	1601	1326	1057
-32.5°	4353	3821	3352	2952	2608	2308	2033	1789	1551	1295	1038
-35°	4040	3571	3158	2796	2483	2201	1951	1726	1501	1257	1019
-37.5°	3740	3321	2964	2639	2351	2095	1870	1657	1457	1226	994
-40°	3440	3077	2770	2489	2226	1989	1782	1595	1413	1188	969
-42.5°	3152	2858	2583	2320	2101	1889	1707	1526	1351	1151	944
-45°	2908	2639	2395	2183	1976	1789	1620	1451	1288	1119	913
-47.5°	2658	2433	2226	2033	1864	1689	1532	1382	1226	1082	894
-50°	2433	2239	2064	1895	1739	1595	1451	1307	1163	1026	863
-52.5°	2220	2058	1907	1757	1626	1495	1363	1238	1101	976	832
-55°	2026	1889	1751	1632	1513	1401	1276	1157	1038	926	807
-57.5°	1845	1720	1614	1507	1401	1301	1195	1088	982	876	769
-60°	1664	1576	1482	1388	1295	1207	1119	1019	919	819	732
-62.5°	1507	1426	1345	1263	1188	1113	1044	951	857	776	688
-65°	1357	1288	1220	1151	1088	1026	963	882	801	725	644
-67.5°	1207	1151	1094	1044	988	938	882	813	744	669	594
-70°	1057	1013	976	938	894	844	807	751	688	607	538
-72.5°	901	869	857	838	794	757	725	682	607	538	482
-75°	719	719	725	713	688	669	625	575	519	469	419
-77.5°	569	582	588	594	569	544	513	469	432	394	357
-80°	432	450	469	469	450	425	400	375	350	319	288
-82.5°	325	338	350	350	338	325	306	288	269	244	219
-85°	219	225	238	244	231	225	206	194	181	163	150
-87.5°	106	113	119	119	119	113	106	100	88	81	75
-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°	63	50	38	25	13	6	0
85°	131	100	69	44	25	13	0
82.5°	194	144	106	69	44	19	0
80°	256	194	138	94	56	25	0
77.5°	313	238	175	113	69	31	0
75°	363	275	206	138	81	38	0
72.5°	413	313	231	156	94	44	0
70°	463	350	256	181	106	50	0
67.5°	500	382	281	194	119	56	0
65°	532	413	300	206	131	56	0
62.5°	563	438	319	219	144	63	0
60°	600	463	344	231	150	69	0
57.5°	625	482	357	244	156	75	0
55°	650	507	369	256	169	81	0
52.5°	675	525	388	263	175	81	0
50°	694	544	400	269	181	88	0
47.5°	719	557	407	275	188	94	0
45°	738	575	419	281	194	94	0
42.5°	757	588	425	288	194	100	0
40°	776	594	438	300	200	106	0
37.5°	788	607	444	306	206	106	0
35°	794	613	450	313	213	113	0
32.5°	807	625	457	325	213	113	0
30°	826	625	457	332	219	113	0
27.5°	838	632	469	332	219	119	0
25°	844	632	475	338	225	119	0
22.5°	851	638	482	344	225	119	0
20°	857	644	488	350	231	125	0
17.5°	863	657	494	350	231	125	0
15°	876	663	494	350	231	131	0
12.5°	882	663	494	357	231	131	0
10°	888	669	494	357	238	125	0
7.5°	888	669	500	357	238	125	0
5°	888	675	494	357	231	125	0
2.5°	876	675	494	350	231	125	0
0°	869	669	488	350	231	125	0
-2.5°	876	675	494	350	231	125	0
-5°	888	675	494	357	231	125	0
-7.5°	888	669	500	357	238	125	0
-10°	888	669	494	357	238	125	0
-12.5°	882	663	494	357	231	131	0
-15°	876	663	494	350	231	131	0
-17.5°	863	657	494	350	231	125	0
-20°	857	644	488	350	231	125	0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	851	638	482	344	225	119	0
-25°	844	632	475	338	225	119	0
-27.5°	838	632	469	332	219	119	0
-30°	826	625	457	332	219	113	0
-32.5°	807	625	457	325	213	113	0
-35°	794	613	450	313	213	113	0
-37.5°	788	607	444	306	206	106	0
-40°	776	594	438	300	200	106	0
-42.5°	757	588	425	288	194	100	0
-45°	738	575	419	281	194	94	0
-47.5°	719	557	407	275	188	94	0
-50°	694	544	400	269	181	88	0
-52.5°	675	525	388	263	175	81	0
-55°	650	507	369	256	169	81	0
-57.5°	625	482	357	244	156	75	0
-60°	600	463	344	231	150	69	0
-62.5°	563	438	319	219	144	63	0
-65°	532	413	300	206	131	56	0
-67.5°	500	382	281	194	119	56	0
-70°	463	350	256	181	106	50	0
-72.5°	413	313	231	156	94	44	0
-75°	363	275	206	138	81	38	0
-77.5°	313	238	175	113	69	31	0
-80°	256	194	138	94	56	25	0
-82.5°	194	144	106	69	44	19	0
-85°	131	100	69	44	25	13	0
-87.5°	63	50	38	25	13	6	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)