

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: P622221

Luminaire Tested: **IFLD-M-SA4E-740-U-66**

Issue Date: 09/20/2022

Test Information

Test Method: LM-79-2019
Report Number: P622221
Test Lab: INNOVATION CENTER(G2)
Issue Date: 09/20/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4E-740-U-66
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 6 distribution lens
Light Source: (64) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

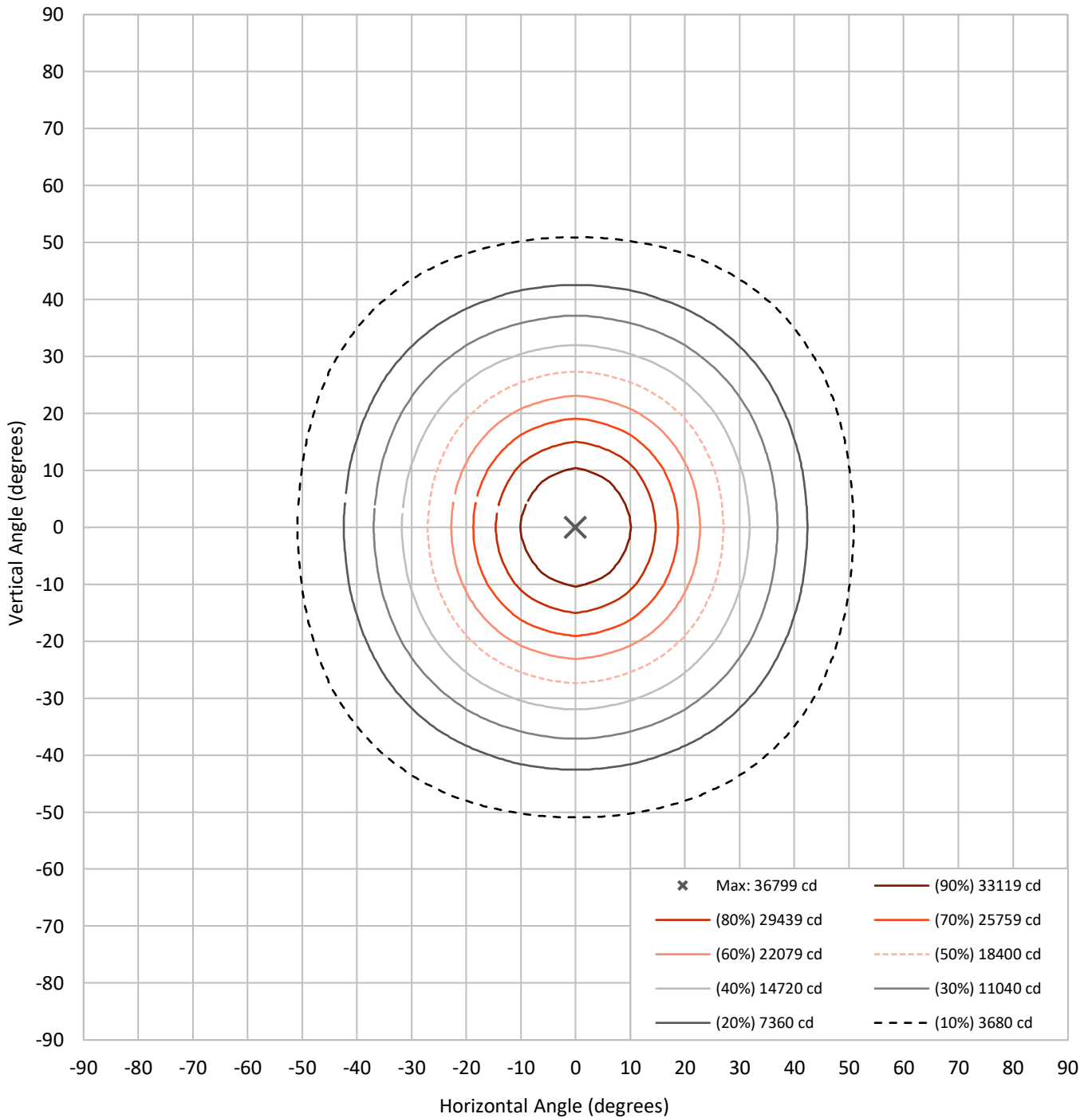
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	38166.6 lumens	Max Intensity:	36799 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	121.2 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' 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:	18350.6 lumens	Field Lumens:	33494.9 lumens
Beam Efficiency:	48.1%	Field Efficiency:	87.8%
Input Watts (W):	314.8		
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		



REPORT NUMBER: P622221
CATALOG NUMBER: IFLD-M-SA4E-740-U-66

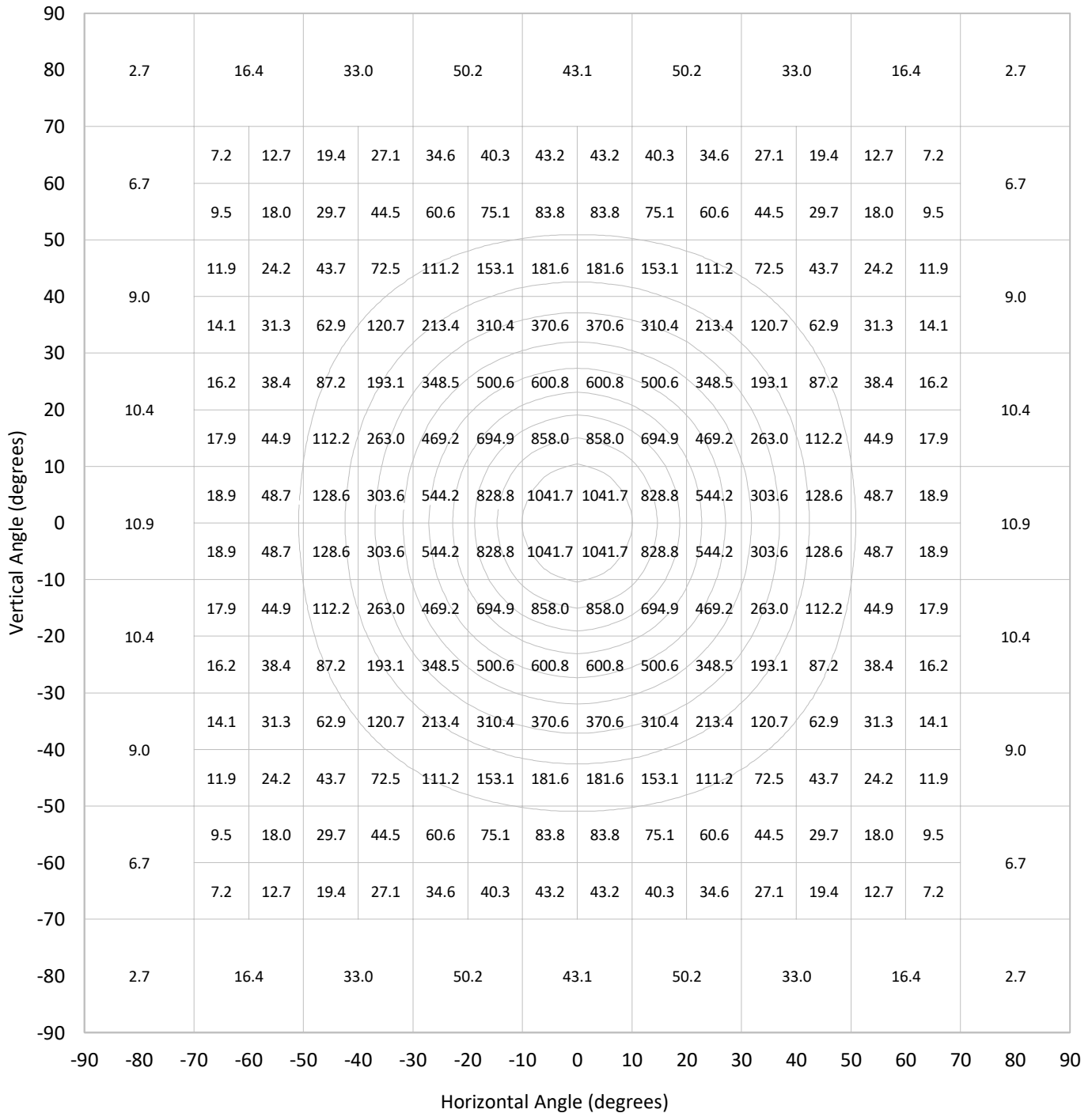
Iso-Candela Plot





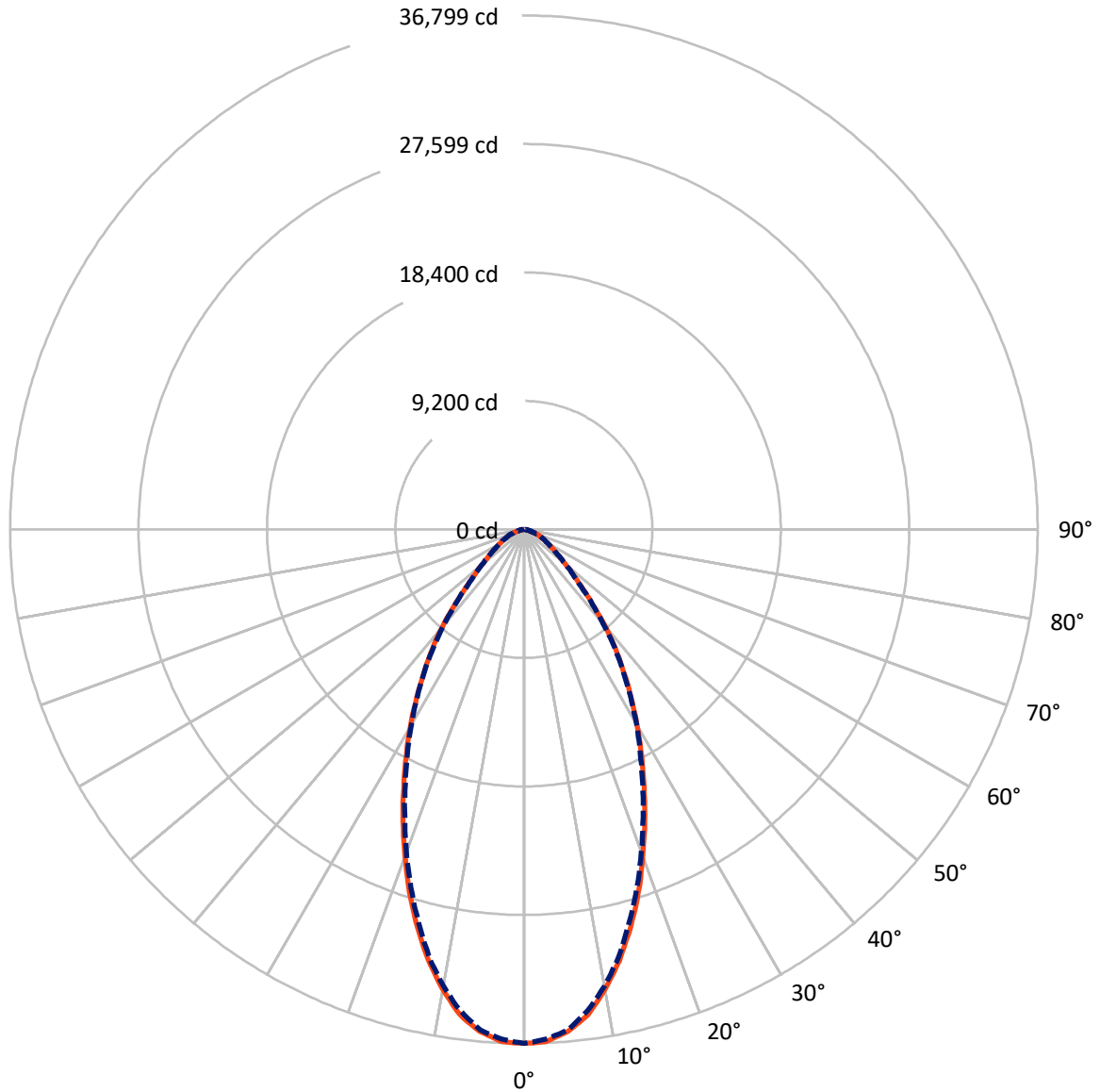
REPORT NUMBER: P622221
 CATALOG NUMBER: IFLD-M-SA4E-740-U-66

Lumen Table



REPORT NUMBER: P622221
CATALOG NUMBER: IFLD-M-SA4E-740-U-66

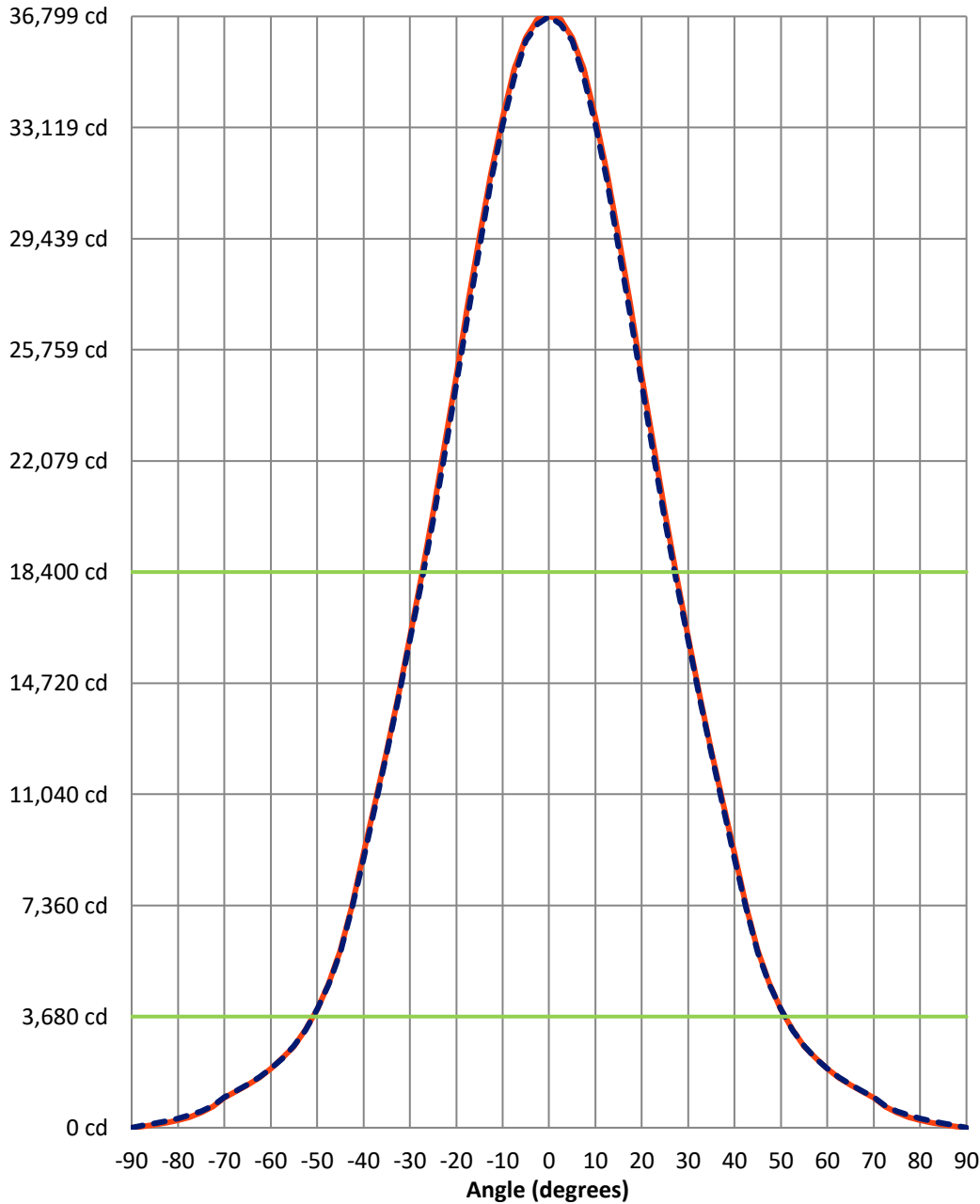
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

REPORT NUMBER: P622221
 CATALOG NUMBER: IFLD-M-SA4E-740-U-66

Luminous Intensity Plot



Beam:
 H Angle: 54.2°
 V Angle: 54.7°
 Lumens: 18350.6
 Efficiency: 48.1%

Field:
 H Angle: 101.7°
 V Angle: 101.8°
 Lumens: 33494.9
 Efficiency: 87.8%

Spill:
 Lumens: 4671.7
 Efficiency: 12.2%

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



REPORT NUMBER: P622221
 CATALOG NUMBER: IFLD-M-SA4E-740-U-66

FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	4	8	16	24	31	39	47	51	55	63
85°	0	8	16	27	43	63	82	94	102	114	122
82.5°	0	12	27	43	67	90	122	137	153	169	180
80°	0	16	35	59	86	122	161	180	200	220	235
77.5°	0	20	43	71	110	149	196	224	247	271	294
75°	0	24	51	86	129	173	227	263	294	325	361
72.5°	0	27	59	98	145	196	259	302	337	380	427
70°	0	31	67	114	161	220	290	337	380	431	471
67.5°	0	35	75	122	176	239	314	373	420	467	510
65°	0	35	82	129	188	259	333	404	455	502	553
62.5°	0	39	90	137	200	275	353	431	486	537	596
60°	0	43	94	145	216	290	376	459	514	576	639
57.5°	0	47	98	153	224	302	392	482	549	616	682
55°	0	51	106	161	231	318	408	506	580	651	725
52.5°	0	51	110	165	243	329	424	522	612	690	776
50°	0	55	114	169	251	341	435	541	643	729	820
47.5°	0	59	118	173	255	349	451	561	678	769	867
45°	0	59	122	176	263	361	463	573	702	808	910
42.5°	0	63	122	180	267	369	474	592	722	847	957
40°	0	67	126	188	275	373	486	608	745	886	1000
37.5°	0	67	129	192	278	380	494	623	769	914	1039
35°	0	71	133	196	282	384	498	639	788	941	1082
32.5°	0	71	133	204	286	392	506	651	812	972	1121
30°	0	71	137	208	286	392	518	663	831	1004	1161
27.5°	0	75	137	208	294	396	525	678	851	1039	1200
25°	0	75	141	212	298	396	529	690	874	1070	1235
22.5°	0	75	141	216	302	400	533	702	898	1098	1274
20°	0	78	145	220	306	404	537	714	921	1121	1306
17.5°	0	78	145	220	310	412	541	722	941	1145	1333
15°	0	82	145	220	310	416	549	725	961	1165	1361
12.5°	0	82	145	224	310	416	553	733	980	1184	1380
10°	0	78	149	224	310	420	557	737	992	1196	1400
7.5°	0	78	149	224	314	420	557	737	1004	1208	1412
5°	0	78	145	224	310	424	557	741	1020	1219	1423
2.5°	0	78	145	220	310	424	549	733	1016	1219	1431
0°	0	78	145	220	306	420	545	725	1012	1216	1431
-2.5°	0	78	145	220	310	424	549	733	1016	1219	1431
-5°	0	78	145	224	310	424	557	741	1020	1219	1423
-7.5°	0	78	149	224	314	420	557	737	1004	1208	1412
-10°	0	78	149	224	310	420	557	737	992	1196	1400
-12.5°	0	82	145	224	310	416	553	733	980	1184	1380
-15°	0	82	145	220	310	416	549	725	961	1165	1361
-17.5°	0	78	145	220	310	412	541	722	941	1145	1333
-20°	0	78	145	220	306	404	537	714	921	1121	1306



REPORT NUMBER: P622221
 CATALOG NUMBER: IFLD-M-SA4E-740-U-66

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0	75	141	216	302	400	533	702	898	1098	1274
-25°	0	75	141	212	298	396	529	690	874	1070	1235
-27.5°	0	75	137	208	294	396	525	678	851	1039	1200
-30°	0	71	137	208	286	392	518	663	831	1004	1161
-32.5°	0	71	133	204	286	392	506	651	812	972	1121
-35°	0	71	133	196	282	384	498	639	788	941	1082
-37.5°	0	67	129	192	278	380	494	623	769	914	1039
-40°	0	67	126	188	275	373	486	608	745	886	1000
-42.5°	0	63	122	180	267	369	474	592	722	847	957
-45°	0	59	122	176	263	361	463	573	702	808	910
-47.5°	0	59	118	173	255	349	451	561	678	769	867
-50°	0	55	114	169	251	341	435	541	643	729	820
-52.5°	0	51	110	165	243	329	424	522	612	690	776
-55°	0	51	106	161	231	318	408	506	580	651	725
-57.5°	0	47	98	153	224	302	392	482	549	616	682
-60°	0	43	94	145	216	290	376	459	514	576	639
-62.5°	0	39	90	137	200	275	353	431	486	537	596
-65°	0	35	82	129	188	259	333	404	455	502	553
-67.5°	0	35	75	122	176	239	314	373	420	467	510
-70°	0	31	67	114	161	220	290	337	380	431	471
-72.5°	0	27	59	98	145	196	259	302	337	380	427
-75°	0	24	51	86	129	173	227	263	294	325	361
-77.5°	0	20	43	71	110	149	196	224	247	271	294
-80°	0	16	35	59	86	122	161	180	200	220	235
-82.5°	0	12	27	43	67	90	122	137	153	169	180
-85°	0	8	16	27	43	63	82	94	102	114	122
-87.5°	0	4	8	16	24	31	39	47	51	55	63
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P622221
 CATALOG NUMBER: IFLD-M-SA4E-740-U-66

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	67	71	75	75	75	71	67	63	71	78	86
85°	129	141	145	153	149	141	137	129	145	161	180
82.5°	192	204	212	220	220	212	204	192	216	239	267
80°	251	267	282	294	294	282	271	255	282	318	353
77.5°	322	341	357	373	369	365	357	349	376	412	447
75°	392	420	431	447	455	451	451	459	490	533	573
72.5°	455	474	498	525	537	545	565	588	620	655	686
70°	506	529	561	588	612	635	663	694	725	761	792
67.5°	553	588	620	655	686	722	757	792	827	867	906
65°	604	643	682	722	765	808	851	890	933	984	1027
62.5°	655	698	745	792	843	894	945	996	1055	1110	1165
60°	702	757	812	871	929	988	1043	1110	1180	1243	1314
57.5°	749	816	878	945	1012	1078	1157	1231	1314	1396	1474
55°	800	878	949	1023	1098	1184	1270	1365	1455	1561	1659
52.5°	855	937	1020	1102	1196	1290	1392	1502	1619	1741	1863
50°	910	1000	1090	1188	1294	1404	1525	1655	1796	1937	2086
47.5°	961	1059	1169	1274	1396	1525	1666	1823	1980	2157	2345
45°	1016	1121	1239	1368	1502	1655	1823	1996	2196	2396	2615
42.5°	1070	1184	1318	1455	1619	1792	1976	2196	2419	2666	2933
40°	1118	1247	1396	1561	1737	1929	2157	2396	2670	2964	3294
37.5°	1172	1314	1474	1655	1859	2082	2345	2623	2941	3298	3694
35°	1223	1380	1557	1753	1980	2239	2533	2858	3227	3658	4141
32.5°	1274	1447	1635	1851	2102	2396	2729	3113	3549	4043	4646
30°	1325	1506	1710	1945	2227	2560	2945	3372	3874	4497	5215
27.5°	1372	1568	1788	2047	2349	2713	3149	3658	4250	4952	5791
25°	1419	1623	1863	2141	2478	2878	3353	3913	4623	5454	6450
22.5°	1463	1678	1929	2231	2596	3039	3572	4211	4992	5917	7089
20°	1506	1733	2000	2317	2698	3184	3772	4486	5372	6462	7764
17.5°	1541	1784	2066	2408	2823	3333	3956	4760	5717	6964	8415
15°	1576	1827	2125	2486	2933	3482	4156	4999	6082	7438	8979
12.5°	1604	1863	2176	2557	3027	3607	4329	5242	6434	7885	9469
10°	1623	1894	2215	2611	3106	3709	4470	5439	6721	8250	9877
7.5°	1643	1917	2247	2655	3164	3788	4580	5591	6940	8532	10191
5°	1659	1937	2270	2686	3204	3847	4662	5689	7097	8732	10414
2.5°	1670	1953	2290	2713	3235	3909	4737	5795	7246	8901	10614
0°	1670	1957	2290	2713	3231	3921	4748	5803	7266	8897	10642
-2.5°	1670	1953	2290	2713	3235	3909	4737	5795	7246	8901	10614
-5°	1659	1937	2270	2686	3204	3847	4662	5689	7097	8732	10414
-7.5°	1643	1917	2247	2655	3164	3788	4580	5591	6940	8532	10191
-10°	1623	1894	2215	2611	3106	3709	4470	5439	6721	8250	9877
-12.5°	1604	1863	2176	2557	3027	3607	4329	5242	6434	7885	9469
-15°	1576	1827	2125	2486	2933	3482	4156	4999	6082	7438	8979
-17.5°	1541	1784	2066	2408	2823	3333	3956	4760	5717	6964	8415
-20°	1506	1733	2000	2317	2698	3184	3772	4486	5372	6462	7764



REPORT NUMBER: P622221
 CATALOG NUMBER: IFLD-M-SA4E-740-U-66

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1463	1678	1929	2231	2596	3039	3572	4211	4992	5917	7089
-25°	1419	1623	1863	2141	2478	2878	3353	3913	4623	5454	6450
-27.5°	1372	1568	1788	2047	2349	2713	3149	3658	4250	4952	5791
-30°	1325	1506	1710	1945	2227	2560	2945	3372	3874	4497	5215
-32.5°	1274	1447	1635	1851	2102	2396	2729	3113	3549	4043	4646
-35°	1223	1380	1557	1753	1980	2239	2533	2858	3227	3658	4141
-37.5°	1172	1314	1474	1655	1859	2082	2345	2623	2941	3298	3694
-40°	1118	1247	1396	1561	1737	1929	2157	2396	2670	2964	3294
-42.5°	1070	1184	1318	1455	1619	1792	1976	2196	2419	2666	2933
-45°	1016	1121	1239	1368	1502	1655	1823	1996	2196	2396	2615
-47.5°	961	1059	1169	1274	1396	1525	1666	1823	1980	2157	2345
-50°	910	1000	1090	1188	1294	1404	1525	1655	1796	1937	2086
-52.5°	855	937	1020	1102	1196	1290	1392	1502	1619	1741	1863
-55°	800	878	949	1023	1098	1184	1270	1365	1455	1561	1659
-57.5°	749	816	878	945	1012	1078	1157	1231	1314	1396	1474
-60°	702	757	812	871	929	988	1043	1110	1180	1243	1314
-62.5°	655	698	745	792	843	894	945	996	1055	1110	1165
-65°	604	643	682	722	765	808	851	890	933	984	1027
-67.5°	553	588	620	655	686	722	757	792	827	867	906
-70°	506	529	561	588	612	635	663	694	725	761	792
-72.5°	455	474	498	525	537	545	565	588	620	655	686
-75°	392	420	431	447	455	451	451	459	490	533	573
-77.5°	322	341	357	373	369	365	357	349	376	412	447
-80°	251	267	282	294	294	282	271	255	282	318	353
-82.5°	192	204	212	220	220	212	204	192	216	239	267
-85°	129	141	145	153	149	141	137	129	145	161	180
-87.5°	67	71	75	75	75	71	67	63	71	78	86
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P622221
 CATALOG NUMBER: IFLD-M-SA4E-740-U-66

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°	98	98	98	98	94	98	98	102	106	94	82
85°	196	200	200	200	200	200	200	200	200	180	161
82.5°	294	306	314	325	333	333	329	325	318	286	251
80°	388	408	420	431	443	439	435	427	424	384	345
77.5°	482	506	522	533	545	549	545	545	541	506	463
75°	604	623	639	655	671	678	682	682	682	651	612
72.5°	714	737	761	784	804	816	827	835	843	827	804
70°	827	855	882	910	937	957	972	988	996	1000	1000
67.5°	945	980	1016	1051	1082	1110	1129	1149	1165	1180	1188
65°	1074	1121	1165	1204	1239	1274	1302	1329	1353	1372	1384
62.5°	1219	1274	1325	1376	1416	1459	1502	1541	1572	1600	1619
60°	1380	1447	1510	1572	1635	1686	1741	1788	1827	1863	1894
57.5°	1561	1643	1721	1804	1874	1941	2008	2074	2133	2180	2219
55°	1761	1863	1964	2063	2161	2251	2337	2423	2502	2564	2619
52.5°	1992	2113	2243	2364	2498	2615	2725	2843	2949	3043	3121
50°	2239	2396	2564	2721	2894	3058	3207	3356	3505	3635	3741
47.5°	2529	2717	2937	3153	3364	3588	3796	3992	4196	4368	4513
45°	2843	3106	3364	3654	3921	4223	4509	4795	5046	5297	5509
42.5°	3215	3545	3874	4247	4611	4992	5395	5756	6133	6501	6807
40°	3658	4047	4501	4948	5454	5933	6505	7011	7489	7956	8352
37.5°	4145	4658	5219	5788	6474	7148	7819	8454	9022	9544	9959
35°	4705	5352	6019	6846	7662	8485	9254	9975	10622	11151	11591
32.5°	5348	6113	7034	7995	8940	9854	10771	11485	12159	12763	13281
30°	6031	7027	8101	9175	10207	11199	12124	12983	13767	14445	15025
27.5°	6831	7983	9179	10332	11438	12508	13559	14539	15398	16112	16833
25°	7623	8944	10222	11442	12638	13833	14990	16092	17096	17970	18750
22.5°	8458	9838	11187	12481	13837	15139	16406	17660	18813	19821	20699
20°	9230	10712	12089	13532	15002	16414	17837	19194	20480	21695	22695
17.5°	9920	11430	12932	14453	16057	17656	19201	20672	22138	23554	24801
15°	10536	12120	13661	15320	17049	18770	20491	22111	23762	25330	26726
12.5°	11081	12716	14355	16119	17927	19719	21605	23487	25318	27008	28522
10°	11532	13230	14986	16813	18692	20586	22617	24707	26667	28463	30110
7.5°	11873	13618	15453	17351	19331	21358	23479	25608	27683	29612	31337
5°	12116	13877	15763	17700	19762	21879	24142	26412	28530	30525	32290
2.5°	12336	14108	16029	17892	19993	22189	24456	26808	28973	31023	32988
0°	12394	14202	16143	18056	20099	22303	24612	26910	29129	31357	33203
-2.5°	12336	14108	16029	17892	19993	22189	24456	26808	28973	31023	32988
-5°	12116	13877	15763	17700	19762	21879	24142	26412	28530	30525	32290
-7.5°	11873	13618	15453	17351	19331	21358	23479	25608	27683	29612	31337
-10°	11532	13230	14986	16813	18692	20586	22617	24707	26667	28463	30110
-12.5°	11081	12716	14355	16119	17927	19719	21605	23487	25318	27008	28522
-15°	10536	12120	13661	15320	17049	18770	20491	22111	23762	25330	26726
-17.5°	9920	11430	12932	14453	16057	17656	19201	20672	22138	23554	24801
-20°	9230	10712	12089	13532	15002	16414	17837	19194	20480	21695	22695



REPORT NUMBER: P622221
 CATALOG NUMBER: IFLD-M-SA4E-740-U-66

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	8458	9838	11187	12481	13837	15139	16406	17660	18813	19821	20699
-25°	7623	8944	10222	11442	12638	13833	14990	16092	17096	17970	18750
-27.5°	6831	7983	9179	10332	11438	12508	13559	14539	15398	16112	16833
-30°	6031	7027	8101	9175	10207	11199	12124	12983	13767	14445	15025
-32.5°	5348	6113	7034	7995	8940	9854	10771	11485	12159	12763	13281
-35°	4705	5352	6019	6846	7662	8485	9254	9975	10622	11151	11591
-37.5°	4145	4658	5219	5788	6474	7148	7819	8454	9022	9544	9959
-40°	3658	4047	4501	4948	5454	5933	6505	7011	7489	7956	8352
-42.5°	3215	3545	3874	4247	4611	4992	5395	5756	6133	6501	6807
-45°	2843	3106	3364	3654	3921	4223	4509	4795	5046	5297	5509
-47.5°	2529	2717	2937	3153	3364	3588	3796	3992	4196	4368	4513
-50°	2239	2396	2564	2721	2894	3058	3207	3356	3505	3635	3741
-52.5°	1992	2113	2243	2364	2498	2615	2725	2843	2949	3043	3121
-55°	1761	1863	1964	2063	2161	2251	2337	2423	2502	2564	2619
-57.5°	1561	1643	1721	1804	1874	1941	2008	2074	2133	2180	2219
-60°	1380	1447	1510	1572	1635	1686	1741	1788	1827	1863	1894
-62.5°	1219	1274	1325	1376	1416	1459	1502	1541	1572	1600	1619
-65°	1074	1121	1165	1204	1239	1274	1302	1329	1353	1372	1384
-67.5°	945	980	1016	1051	1082	1110	1129	1149	1165	1180	1188
-70°	827	855	882	910	937	957	972	988	996	1000	1000
-72.5°	714	737	761	784	804	816	827	835	843	843	804
-75°	604	623	639	655	671	678	682	682	682	651	612
-77.5°	482	506	522	533	545	549	545	545	541	506	463
-80°	388	408	420	431	443	439	435	427	424	384	345
-82.5°	294	306	314	325	333	333	329	325	318	286	251
-85°	196	200	200	200	200	200	200	200	200	180	161
-87.5°	98	98	98	98	94	98	98	102	106	94	82
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P622221
 CATALOG NUMBER: IFLD-M-SA4E-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°	67	55	51	43	51	55	67	82	94	106	102
85°	137	114	110	102	110	114	137	161	180	200	200
82.5°	220	180	173	165	173	180	220	251	286	318	325
80°	310	263	255	247	255	263	310	345	384	424	427
77.5°	420	376	361	349	361	376	420	463	506	541	545
75°	569	525	514	502	514	525	569	612	651	682	682
72.5°	776	757	725	698	725	757	776	804	827	843	835
70°	1004	1012	1004	992	1004	1012	1004	1000	1000	996	988
67.5°	1192	1200	1200	1204	1200	1200	1192	1188	1180	1165	1149
65°	1396	1400	1412	1416	1412	1400	1396	1384	1372	1353	1329
62.5°	1631	1643	1651	1651	1651	1643	1631	1619	1600	1572	1541
60°	1914	1929	1949	1953	1949	1929	1914	1894	1863	1827	1788
57.5°	2251	2270	2298	2306	2298	2270	2251	2219	2180	2133	2074
55°	2659	2686	2702	2694	2702	2686	2659	2619	2564	2502	2423
52.5°	3188	3235	3266	3251	3266	3235	3188	3121	3043	2949	2843
50°	3827	3886	3925	3913	3925	3886	3827	3741	3635	3505	3356
47.5°	4627	4709	4776	4780	4776	4709	4627	4513	4368	4196	3992
45°	5678	5799	5889	5874	5889	5799	5678	5509	5297	5046	4795
42.5°	7042	7211	7344	7332	7344	7211	7042	6807	6501	6133	5756
40°	8646	8854	9030	9077	9030	8854	8646	8352	7956	7489	7011
37.5°	10297	10563	10787	10763	10787	10563	10297	9959	9544	9022	8454
35°	11955	12234	12453	12473	12453	12234	11955	11591	11151	10622	9975
32.5°	13692	14002	14261	14296	14261	14002	13692	13281	12763	12159	11485
30°	15504	15876	16186	16249	16186	15876	15504	15025	14445	13767	12983
27.5°	17409	17853	18147	18260	18147	17853	17409	16833	16112	15398	14539
25°	19374	19856	20186	20370	20186	19856	19374	18750	17970	17096	16092
22.5°	21425	21997	22424	22628	22424	21997	21425	20699	19821	18813	17660
20°	23542	24165	24663	24875	24663	24165	23542	22695	21695	20480	19194
17.5°	25699	26459	27012	27283	27012	26459	25699	24801	23554	22138	20672
15°	27792	28600	29200	29490	29200	28600	27792	26726	25330	23762	22111
12.5°	29733	30588	31188	31608	31188	30588	29733	28522	27008	25318	23487
10°	31466	32400	33007	33443	33007	32400	31466	30110	28463	26667	24707
7.5°	32764	33944	34631	35058	34631	33944	32764	31337	29612	27683	25608
5°	33760	35062	35685	36089	35685	35062	33760	32290	30525	28530	26412
2.5°	34490	35517	36297	36701	36297	35517	34490	32988	31023	28973	26808
0°	34776	35983	36536	36799	36536	35983	34776	33203	31357	29129	26910
-2.5°	34490	35517	36297	36701	36297	35517	34490	32988	31023	28973	26808
-5°	33760	35062	35685	36089	35685	35062	33760	32290	30525	28530	26412
-7.5°	32764	33944	34631	35058	34631	33944	32764	31337	29612	27683	25608
-10°	31466	32400	33007	33443	33007	32400	31466	30110	28463	26667	24707
-12.5°	29733	30588	31188	31608	31188	30588	29733	28522	27008	25318	23487
-15°	27792	28600	29200	29490	29200	28600	27792	26726	25330	23762	22111
-17.5°	25699	26459	27012	27283	27012	26459	25699	24801	23554	22138	20672
-20°	23542	24165	24663	24875	24663	24165	23542	22695	21695	20480	19194



REPORT NUMBER: P622221
 CATALOG NUMBER: IFLD-M-SA4E-740-U-66

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	21425	21997	22424	22628	22424	21997	21425	20699	19821	18813	17660
-25°	19374	19856	20186	20370	20186	19856	19374	18750	17970	17096	16092
-27.5°	17409	17853	18147	18260	18147	17853	17409	16833	16112	15398	14539
-30°	15504	15876	16186	16249	16186	15876	15504	15025	14445	13767	12983
-32.5°	13692	14002	14261	14296	14261	14002	13692	13281	12763	12159	11485
-35°	11955	12234	12453	12473	12453	12234	11955	11591	11151	10622	9975
-37.5°	10297	10563	10787	10763	10787	10563	10297	9959	9544	9022	8454
-40°	8646	8854	9030	9077	9030	8854	8646	8352	7956	7489	7011
-42.5°	7042	7211	7344	7332	7344	7211	7042	6807	6501	6133	5756
-45°	5678	5799	5889	5874	5889	5799	5678	5509	5297	5046	4795
-47.5°	4627	4709	4776	4780	4776	4709	4627	4513	4368	4196	3992
-50°	3827	3886	3925	3913	3925	3886	3827	3741	3635	3505	3356
-52.5°	3188	3235	3266	3251	3266	3235	3188	3121	3043	2949	2843
-55°	2659	2686	2702	2694	2702	2686	2659	2619	2564	2502	2423
-57.5°	2251	2270	2298	2306	2298	2270	2251	2219	2180	2133	2074
-60°	1914	1929	1949	1953	1949	1929	1914	1894	1863	1827	1788
-62.5°	1631	1643	1651	1651	1651	1643	1631	1619	1600	1572	1541
-65°	1396	1400	1412	1416	1412	1400	1396	1384	1372	1353	1329
-67.5°	1192	1200	1200	1204	1200	1200	1192	1188	1180	1165	1149
-70°	1004	1012	1004	992	1004	1012	1004	1000	1000	996	988
-72.5°	776	757	725	698	725	757	776	804	827	843	835
-75°	569	525	514	502	514	525	569	612	651	682	682
-77.5°	420	376	361	349	361	376	420	463	506	541	545
-80°	310	263	255	247	255	263	310	345	384	424	427
-82.5°	220	180	173	165	173	180	220	251	286	318	325
-85°	137	114	110	102	110	114	137	161	180	200	200
-87.5°	67	55	51	43	51	55	67	82	94	106	102
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P622221
 CATALOG NUMBER: IFLD-M-SA4E-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°	98	98	94	98	98	98	98	86	78	71	63
85°	200	200	200	200	200	200	196	180	161	145	129
82.5°	329	333	333	325	314	306	294	267	239	216	192
80°	435	439	443	431	420	408	388	353	318	282	255
77.5°	545	549	545	533	522	506	482	447	412	376	349
75°	682	678	671	655	639	623	604	573	533	490	459
72.5°	827	816	804	784	761	737	714	686	655	620	588
70°	972	957	937	910	882	855	827	792	761	725	694
67.5°	1129	1110	1082	1051	1016	980	945	906	867	827	792
65°	1302	1274	1239	1204	1165	1121	1074	1027	984	933	890
62.5°	1502	1459	1416	1376	1325	1274	1219	1165	1110	1055	996
60°	1741	1686	1635	1572	1510	1447	1380	1314	1243	1180	1110
57.5°	2008	1941	1874	1804	1721	1643	1561	1474	1396	1314	1231
55°	2337	2251	2161	2063	1964	1863	1761	1659	1561	1455	1365
52.5°	2725	2615	2498	2364	2243	2113	1992	1863	1741	1619	1502
50°	3207	3058	2894	2721	2564	2396	2239	2086	1937	1796	1655
47.5°	3796	3588	3364	3153	2937	2717	2529	2345	2157	1980	1823
45°	4509	4223	3921	3654	3364	3106	2843	2615	2396	2196	1996
42.5°	5395	4992	4611	4247	3874	3545	3215	2933	2666	2419	2196
40°	6505	5933	5454	4948	4501	4047	3658	3294	2964	2670	2396
37.5°	7819	7148	6474	5788	5219	4658	4145	3694	3298	2941	2623
35°	9254	8485	7662	6846	6019	5352	4705	4141	3658	3227	2858
32.5°	10771	9854	8940	7995	7034	6113	5348	4646	4043	3549	3113
30°	12124	11199	10207	9175	8101	7027	6031	5215	4497	3874	3372
27.5°	13559	12508	11438	10332	9179	7983	6831	5791	4952	4250	3658
25°	14990	13833	12638	11442	10222	8944	7623	6450	5454	4623	3913
22.5°	16406	15139	13837	12481	11187	9838	8458	7089	5917	4992	4211
20°	17837	16414	15002	13532	12089	10712	9230	7764	6462	5372	4486
17.5°	19201	17656	16057	14453	12932	11430	9920	8415	6964	5717	4760
15°	20491	18770	17049	15320	13661	12120	10536	8979	7438	6082	4999
12.5°	21605	19719	17927	16119	14355	12716	11081	9469	7885	6434	5242
10°	22617	20586	18692	16813	14986	13230	11532	9877	8250	6721	5439
7.5°	23479	21358	19331	17351	15453	13618	11873	10191	8532	6940	5591
5°	24142	21879	19762	17700	15763	13877	12116	10414	8732	7097	5689
2.5°	24456	22189	19993	17892	16029	14108	12336	10614	8901	7246	5795
0°	24612	22303	20099	18056	16143	14202	12394	10642	8897	7266	5803
-2.5°	24456	22189	19993	17892	16029	14108	12336	10614	8901	7246	5795
-5°	24142	21879	19762	17700	15763	13877	12116	10414	8732	7097	5689
-7.5°	23479	21358	19331	17351	15453	13618	11873	10191	8532	6940	5591
-10°	22617	20586	18692	16813	14986	13230	11532	9877	8250	6721	5439
-12.5°	21605	19719	17927	16119	14355	12716	11081	9469	7885	6434	5242
-15°	20491	18770	17049	15320	13661	12120	10536	8979	7438	6082	4999
-17.5°	19201	17656	16057	14453	12932	11430	9920	8415	6964	5717	4760
-20°	17837	16414	15002	13532	12089	10712	9230	7764	6462	5372	4486



REPORT NUMBER: P622221
 CATALOG NUMBER: IFLD-M-SA4E-740-U-66

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	16406	15139	13837	12481	11187	9838	8458	7089	5917	4992	4211
-25°	14990	13833	12638	11442	10222	8944	7623	6450	5454	4623	3913
-27.5°	13559	12508	11438	10332	9179	7983	6831	5791	4952	4250	3658
-30°	12124	11199	10207	9175	8101	7027	6031	5215	4497	3874	3372
-32.5°	10771	9854	8940	7995	7034	6113	5348	4646	4043	3549	3113
-35°	9254	8485	7662	6846	6019	5352	4705	4141	3658	3227	2858
-37.5°	7819	7148	6474	5788	5219	4658	4145	3694	3298	2941	2623
-40°	6505	5933	5454	4948	4501	4047	3658	3294	2964	2670	2396
-42.5°	5395	4992	4611	4247	3874	3545	3215	2933	2666	2419	2196
-45°	4509	4223	3921	3654	3364	3106	2843	2615	2396	2196	1996
-47.5°	3796	3588	3364	3153	2937	2717	2529	2345	2157	1980	1823
-50°	3207	3058	2894	2721	2564	2396	2239	2086	1937	1796	1655
-52.5°	2725	2615	2498	2364	2243	2113	1992	1863	1741	1619	1502
-55°	2337	2251	2161	2063	1964	1863	1761	1659	1561	1455	1365
-57.5°	2008	1941	1874	1804	1721	1643	1561	1474	1396	1314	1231
-60°	1741	1686	1635	1572	1510	1447	1380	1314	1243	1180	1110
-62.5°	1502	1459	1416	1376	1325	1274	1219	1165	1110	1055	996
-65°	1302	1274	1239	1204	1165	1121	1074	1027	984	933	890
-67.5°	1129	1110	1082	1051	1016	980	945	906	867	827	792
-70°	972	957	937	910	882	855	827	792	761	725	694
-72.5°	827	816	804	784	761	737	714	686	655	620	588
-75°	682	678	671	655	639	623	604	573	533	490	459
-77.5°	545	549	545	533	522	506	482	447	412	376	349
-80°	435	439	443	431	420	408	388	353	318	282	255
-82.5°	329	333	333	325	314	306	294	267	239	216	192
-85°	200	200	200	200	200	200	196	180	161	145	129
-87.5°	98	98	94	98	98	98	98	86	78	71	63
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P622221
 CATALOG NUMBER: IFLD-M-SA4E-740-U-66

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	67	71	75	75	75	71	67	63	55	51	47
85°	137	141	149	153	145	141	129	122	114	102	94
82.5°	204	212	220	220	212	204	192	180	169	153	137
80°	271	282	294	294	282	267	251	235	220	200	180
77.5°	357	365	369	373	357	341	322	294	271	247	224
75°	451	451	455	447	431	420	392	361	325	294	263
72.5°	565	545	537	525	498	474	455	427	380	337	302
70°	663	635	612	588	561	529	506	471	431	380	337
67.5°	757	722	686	655	620	588	553	510	467	420	373
65°	851	808	765	722	682	643	604	553	502	455	404
62.5°	945	894	843	792	745	698	655	596	537	486	431
60°	1043	988	929	871	812	757	702	639	576	514	459
57.5°	1157	1078	1012	945	878	816	749	682	616	549	482
55°	1270	1184	1098	1023	949	878	800	725	651	580	506
52.5°	1392	1290	1196	1102	1020	937	855	776	690	612	522
50°	1525	1404	1294	1188	1090	1000	910	820	729	643	541
47.5°	1666	1525	1396	1274	1169	1059	961	867	769	678	561
45°	1823	1655	1502	1368	1239	1121	1016	910	808	702	573
42.5°	1976	1792	1619	1455	1318	1184	1070	957	847	722	592
40°	2157	1929	1737	1561	1396	1247	1118	1000	886	745	608
37.5°	2345	2082	1859	1655	1474	1314	1172	1039	914	769	623
35°	2533	2239	1980	1753	1557	1380	1223	1082	941	788	639
32.5°	2729	2396	2102	1851	1635	1447	1274	1121	972	812	651
30°	2945	2560	2227	1945	1710	1506	1325	1161	1004	831	663
27.5°	3149	2713	2349	2047	1788	1568	1372	1200	1039	851	678
25°	3353	2878	2478	2141	1863	1623	1419	1235	1070	874	690
22.5°	3572	3039	2596	2231	1929	1678	1463	1274	1098	898	702
20°	3772	3184	2698	2317	2000	1733	1506	1306	1121	921	714
17.5°	3956	3333	2823	2408	2066	1784	1541	1333	1145	941	722
15°	4156	3482	2933	2486	2125	1827	1576	1361	1165	961	725
12.5°	4329	3607	3027	2557	2176	1863	1604	1380	1184	980	733
10°	4470	3709	3106	2611	2215	1894	1623	1400	1196	992	737
7.5°	4580	3788	3164	2655	2247	1917	1643	1412	1208	1004	737
5°	4662	3847	3204	2686	2270	1937	1659	1423	1219	1020	741
2.5°	4737	3909	3235	2713	2290	1953	1670	1431	1219	1016	733
0°	4748	3921	3231	2713	2290	1957	1670	1431	1216	1012	725
-2.5°	4737	3909	3235	2713	2290	1953	1670	1431	1219	1016	733
-5°	4662	3847	3204	2686	2270	1937	1659	1423	1219	1020	741
-7.5°	4580	3788	3164	2655	2247	1917	1643	1412	1208	1004	737
-10°	4470	3709	3106	2611	2215	1894	1623	1400	1196	992	737
-12.5°	4329	3607	3027	2557	2176	1863	1604	1380	1184	980	733
-15°	4156	3482	2933	2486	2125	1827	1576	1361	1165	961	725
-17.5°	3956	3333	2823	2408	2066	1784	1541	1333	1145	941	722
-20°	3772	3184	2698	2317	2000	1733	1506	1306	1121	921	714



REPORT NUMBER: P622221
 CATALOG NUMBER: IFLD-M-SA4E-740-U-66

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	3572	3039	2596	2231	1929	1678	1463	1274	1098	898	702
-25°	3353	2878	2478	2141	1863	1623	1419	1235	1070	874	690
-27.5°	3149	2713	2349	2047	1788	1568	1372	1200	1039	851	678
-30°	2945	2560	2227	1945	1710	1506	1325	1161	1004	831	663
-32.5°	2729	2396	2102	1851	1635	1447	1274	1121	972	812	651
-35°	2533	2239	1980	1753	1557	1380	1223	1082	941	788	639
-37.5°	2345	2082	1859	1655	1474	1314	1172	1039	914	769	623
-40°	2157	1929	1737	1561	1396	1247	1118	1000	886	745	608
-42.5°	1976	1792	1619	1455	1318	1184	1070	957	847	722	592
-45°	1823	1655	1502	1368	1239	1121	1016	910	808	702	573
-47.5°	1666	1525	1396	1274	1169	1059	961	867	769	678	561
-50°	1525	1404	1294	1188	1090	1000	910	820	729	643	541
-52.5°	1392	1290	1196	1102	1020	937	855	776	690	612	522
-55°	1270	1184	1098	1023	949	878	800	725	651	580	506
-57.5°	1157	1078	1012	945	878	816	749	682	616	549	482
-60°	1043	988	929	871	812	757	702	639	576	514	459
-62.5°	945	894	843	792	745	698	655	596	537	486	431
-65°	851	808	765	722	682	643	604	553	502	455	404
-67.5°	757	722	686	655	620	588	553	510	467	420	373
-70°	663	635	612	588	561	529	506	471	431	380	337
-72.5°	565	545	537	525	498	474	455	427	380	337	302
-75°	451	451	455	447	431	420	392	361	325	294	263
-77.5°	357	365	369	373	357	341	322	294	271	247	224
-80°	271	282	294	294	282	267	251	235	220	200	180
-82.5°	204	212	220	220	212	204	192	180	169	153	137
-85°	137	141	149	153	145	141	129	122	114	102	94
-87.5°	67	71	75	75	75	71	67	63	55	51	47
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P622221
 CATALOG NUMBER: IFLD-M-SA4E-740-U-66

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0	0	0	0	0	0	0
87.5°	39	31	24	16	8	4	0
85°	82	63	43	27	16	8	0
82.5°	122	90	67	43	27	12	0
80°	161	122	86	59	35	16	0
77.5°	196	149	110	71	43	20	0
75°	227	173	129	86	51	24	0
72.5°	259	196	145	98	59	27	0
70°	290	220	161	114	67	31	0
67.5°	314	239	176	122	75	35	0
65°	333	259	188	129	82	35	0
62.5°	353	275	200	137	90	39	0
60°	376	290	216	145	94	43	0
57.5°	392	302	224	153	98	47	0
55°	408	318	231	161	106	51	0
52.5°	424	329	243	165	110	51	0
50°	435	341	251	169	114	55	0
47.5°	451	349	255	173	118	59	0
45°	463	361	263	176	122	59	0
42.5°	474	369	267	180	122	63	0
40°	486	373	275	188	126	67	0
37.5°	494	380	278	192	129	67	0
35°	498	384	282	196	133	71	0
32.5°	506	392	286	204	133	71	0
30°	518	392	286	208	137	71	0
27.5°	525	396	294	208	137	75	0
25°	529	396	298	212	141	75	0
22.5°	533	400	302	216	141	75	0
20°	537	404	306	220	145	78	0
17.5°	541	412	310	220	145	78	0
15°	549	416	310	220	145	82	0
12.5°	553	416	310	224	145	82	0
10°	557	420	310	224	149	78	0
7.5°	557	420	314	224	149	78	0
5°	557	424	310	224	145	78	0
2.5°	549	424	310	220	145	78	0
0°	545	420	306	220	145	78	0
-2.5°	549	424	310	220	145	78	0
-5°	557	424	310	224	145	78	0
-7.5°	557	420	314	224	149	78	0
-10°	557	420	310	224	149	78	0
-12.5°	553	416	310	224	145	82	0
-15°	549	416	310	220	145	82	0
-17.5°	541	412	310	220	145	78	0
-20°	537	404	306	220	145	78	0



REPORT NUMBER: P622221
 CATALOG NUMBER: IFLD-M-SA4E-740-U-66

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	533	400	302	216	141	75	0
-25°	529	396	298	212	141	75	0
-27.5°	525	396	294	208	137	75	0
-30°	518	392	286	208	137	71	0
-32.5°	506	392	286	204	133	71	0
-35°	498	384	282	196	133	71	0
-37.5°	494	380	278	192	129	67	0
-40°	486	373	275	188	126	67	0
-42.5°	474	369	267	180	122	63	0
-45°	463	361	263	176	122	59	0
-47.5°	451	349	255	173	118	59	0
-50°	435	341	251	169	114	55	0
-52.5°	424	329	243	165	110	51	0
-55°	408	318	231	161	106	51	0
-57.5°	392	302	224	153	98	47	0
-60°	376	290	216	145	94	43	0
-62.5°	353	275	200	137	90	39	0
-65°	333	259	188	129	82	35	0
-67.5°	314	239	176	122	75	35	0
-70°	290	220	161	114	67	31	0
-72.5°	259	196	145	98	59	27	0
-75°	227	173	129	86	51	24	0
-77.5°	196	149	110	71	43	20	0
-80°	161	122	86	59	35	16	0
-82.5°	122	90	67	43	27	12	0
-85°	82	63	43	27	16	8	0
-87.5°	39	31	24	16	8	4	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)