

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: P722010

Luminaire Tested: **IFLD-L-SA7C-727-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722010
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7C-727-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (112) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

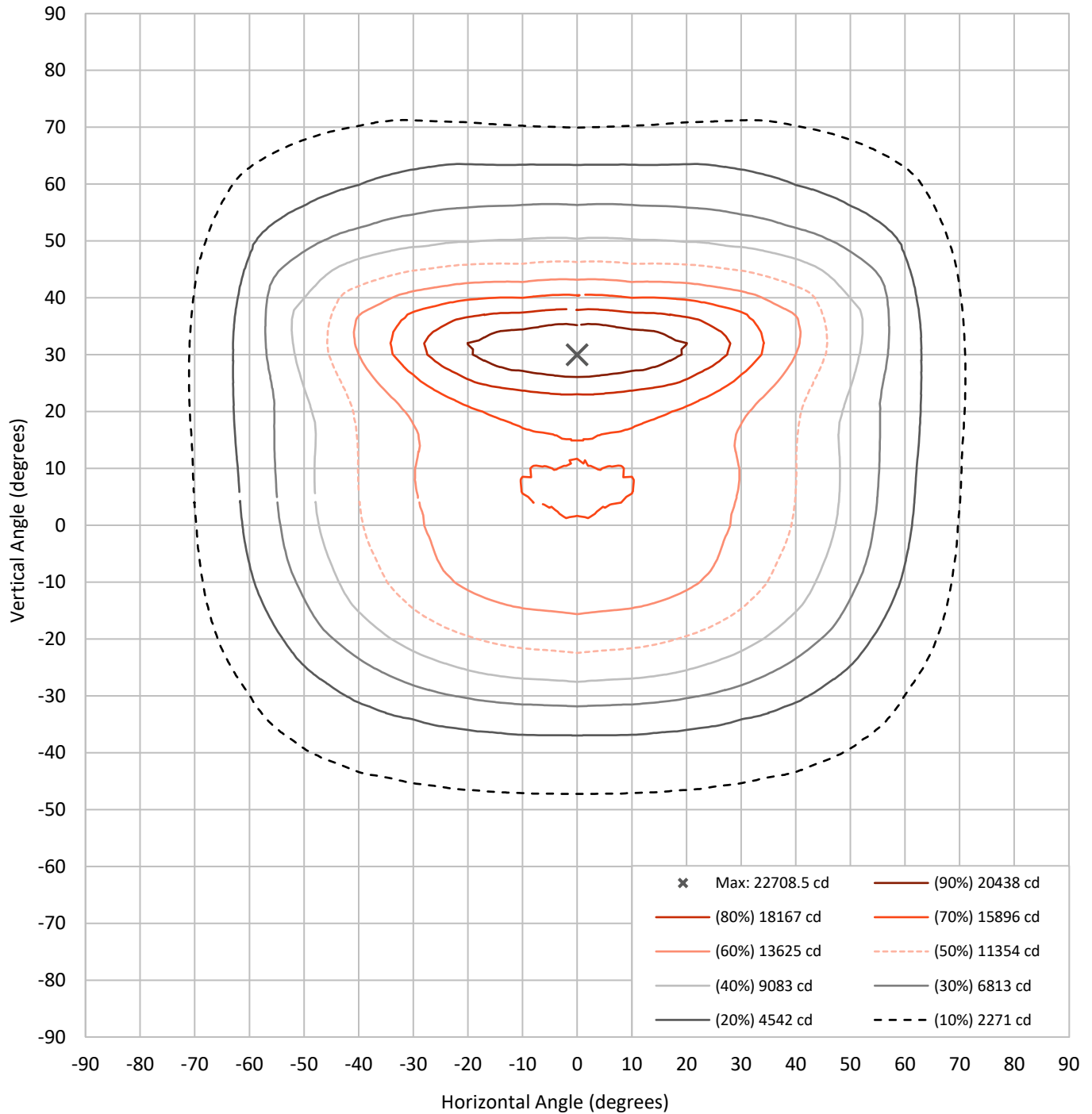
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	37906.2 lumens	Max Intensity:	22708.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	102.7 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	22042.9 lumens	Field Lumens:	35523 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

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: 28.75 FT



REPORT NUMBER: P722010
CATALOG NUMBER: IFLD-L-SA7C-727-U-76

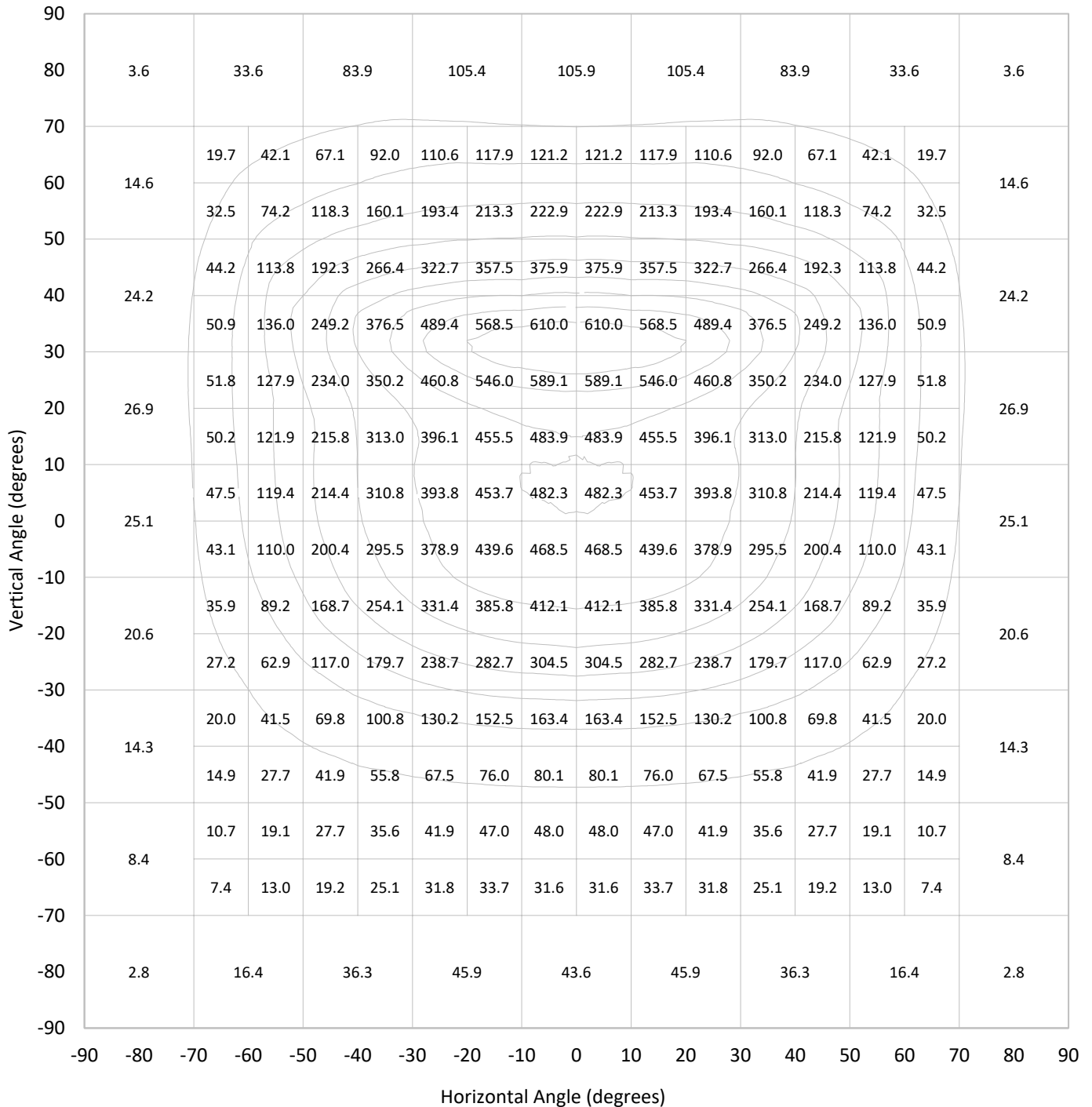
Iso-Candela Plot





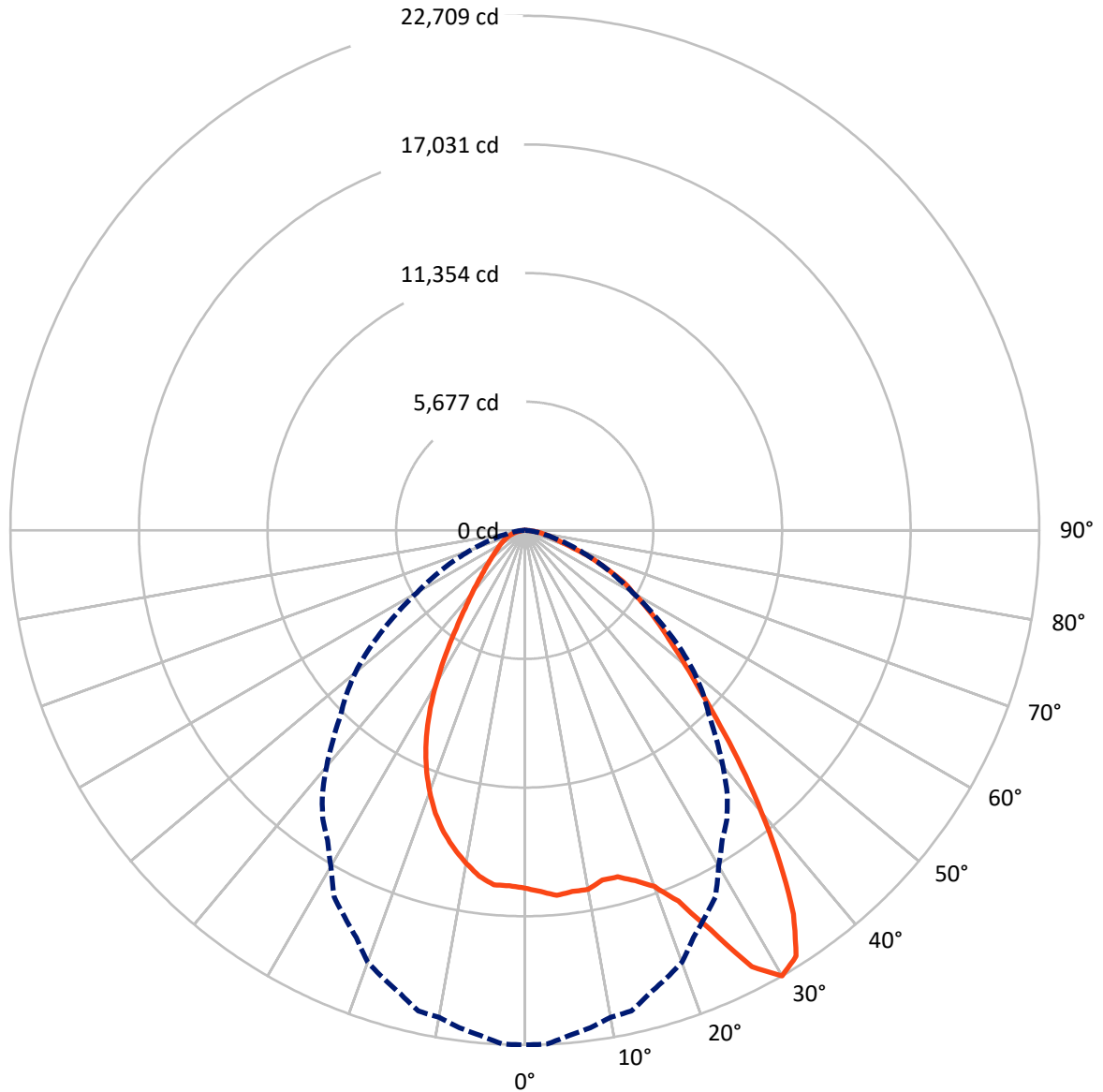
REPORT NUMBER: P722010
 CATALOG NUMBER: IFLD-L-SA7C-727-U-76

Lumen Table



REPORT NUMBER: P722010
CATALOG NUMBER: IFLD-L-SA7C-727-U-76

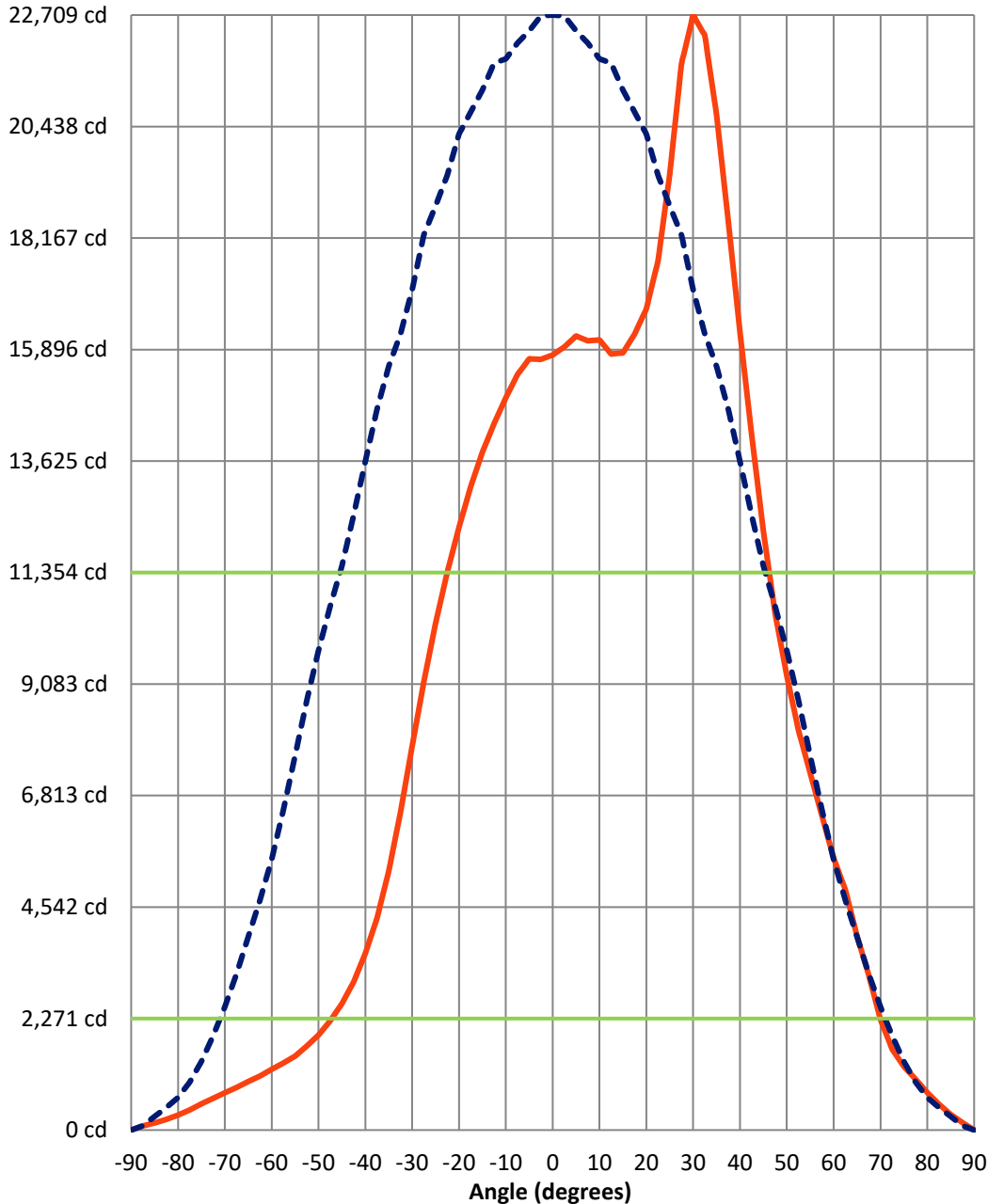
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

REPORT NUMBER: P722010
 CATALOG NUMBER: IFLD-L-SA7C-727-U-76

Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 22042.9
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 35523
 Efficiency: 93.7%

Spill:
 Lumens: 2383.2
 Efficiency: 6.3%

— Vertical Distribution through 0-Deg
 - - - Horizontal Distribution through 30-Deg



REPORT NUMBER: P722010
 CATALOG NUMBER: IFLD-L-SA7C-727-U-76

FIELD
 BEAM

CANDELA DISTRIBUTION:

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	152.6	156.6	160.6	160.6	156.6	156.6	156.6	152.6	156.6	156.6	156.6
85°	317.2	325.3	333.3	329.3	325.3	317.2	309.2	313.2	317.2	321.3	321.3
82.5°	526.1	538.1	546.1	542.1	534.1	526.1	518.0	522.0	530.1	534.1	534.1
80°	763.0	767.0	771.0	779.0	767.0	767.0	763.0	779.0	787.1	795.1	803.1
77.5°	1036.0	1040.1	1040.1	1044.1	1048.1	1052.1	1052.1	1080.2	1100.3	1112.3	1124.4
75°	1293.0	1305.1	1317.1	1329.2	1345.2	1353.3	1365.3	1405.5	1437.6	1461.7	1485.8
72.5°	1646.4	1662.5	1682.6	1710.7	1738.8	1758.9	1787.0	1835.2	1871.3	1895.4	1923.5
70°	2252.8	2268.8	2288.9	2309.0	2337.1	2357.2	2385.3	2445.5	2481.7	2497.7	2513.8
67.5°	3152.3	3192.4	3228.6	3188.4	3168.3	3140.2	3148.3	3204.5	3240.6	3264.7	3260.7
65°	3951.4	3979.5	3979.5	3975.5	3959.4	3923.3	3943.4	4011.6	4051.8	4071.9	4011.6
62.5°	4891.1	4891.1	4871.0	4903.1	4907.1	4883.0	4871.0	4875.0	4879.0	4891.1	4790.7
60°	5541.6	5581.8	5593.8	5621.9	5629.9	5629.9	5650.0	5666.1	5666.1	5642.0	5525.5
57.5°	6400.9	6477.2	6493.3	6473.2	6433.1	6380.9	6372.8	6348.7	6300.6	6252.4	6196.2
55°	7268.3	7308.5	7304.5	7292.4	7252.3	7192.0	7200.1	7167.9	7091.6	7031.4	6955.1
52.5°	8139.7	8236.1	8252.2	8228.1	8171.9	8107.6	8111.6	8075.5	7999.2	7934.9	7830.5
50°	9252.1	9332.4	9324.3	9284.2	9203.9	9155.7	9159.7	9091.4	9003.1	8983.0	8846.5
47.5°	10525.0	10617.4	10601.3	10545.1	10436.7	10416.6	10436.7	10348.3	10296.1	10252.0	10091.3
45°	12195.5	12304.0	12243.7	12135.3	11962.6	11982.7	12010.8	11994.8	11882.3	11765.9	11561.1
42.5°	14155.2	14223.4	14151.2	14042.7	13825.9	13866.0	13850.0	13753.6	13685.3	13492.6	13231.6
40°	16251.3	16399.9	16287.5	16118.8	15893.9	15954.2	15910.0	15785.5	15624.9	15384.0	15054.7
37.5°	18512.2	18628.6	18500.1	18303.3	18102.6	18082.5	17994.1	17801.4	17572.5	17307.5	16781.4
35°	20676.6	20977.8	20740.8	20427.6	20182.7	20090.3	20006.0	19560.2	19299.2	18869.5	18150.7
32.5°	22286.9	22507.7	22214.6	21889.3	21592.2	21463.7	21166.5	20636.4	20495.9	19592.4	18933.8
30°	22708.5	22692.4	22387.3	22138.3	21817.0	21728.7	21182.6	20732.8	20283.1	19447.8	18821.4
27.5°	21704.6	21604.2	21311.1	21094.2	20777.0	20672.6	20134.5	19893.5	19198.8	18492.1	17962.0
25°	19467.9	19520.1	19299.2	19190.8	18982.0	18757.1	18544.3	18219.0	17785.3	17166.9	16681.0
22.5°	17705.0	17773.3	17680.9	17552.4	17391.8	17267.3	17106.7	16853.7	16436.1	16054.6	15596.8
20°	16725.2	16705.1	16624.8	16528.4	16375.8	16287.5	16110.8	15898.0	15576.7	15247.4	14753.5
17.5°	16211.2	16086.7	16010.4	15974.3	15893.9	15781.5	15572.7	15355.9	15106.9	14733.4	14372.0
15°	15829.7	15849.8	15789.5	15761.4	15697.2	15540.6	15327.7	15151.1	14813.7	14625.0	14295.7
12.5°	15805.6	15785.5	15789.5	15777.5	15697.2	15496.4	15388.0	15163.1	14946.3	14697.3	14319.8
10°	16090.7	15877.9	15893.9	15950.2	15821.7	15661.0	15544.6	15299.6	15094.8	14777.6	14404.1
7.5°	16074.7	15966.2	15998.4	15906.0	15946.2	15749.4	15588.8	15343.8	15086.8	14749.5	14412.2
5°	16171.0	16006.4	15978.3	15986.3	15885.9	15737.3	15520.5	15287.6	15046.6	14669.2	14323.8
2.5°	15950.2	15974.3	15845.8	15797.6	15785.5	15536.6	15335.8	15110.9	14861.9	14528.6	14219.4
0°	15785.5	15829.7	15697.2	15628.9	15624.9	15412.1	15283.6	15026.6	14849.9	14572.8	14199.3
-2.5°	15697.2	15749.4	15765.4	15641.0	15520.5	15355.9	15139.0	14861.9	14572.8	14251.5	13930.3
-5°	15705.2	15600.8	15556.6	15596.8	15492.4	15327.7	15086.8	14841.8	14556.7	14211.4	13809.8
-7.5°	15388.0	15283.6	15275.5	15255.5	15231.4	15074.8	14874.0	14608.9	14319.8	13998.6	13625.1
-10°	14914.1	14837.8	14817.8	14797.7	14733.4	14641.1	14452.3	14211.4	13950.4	13629.1	13231.6
-12.5°	14388.1	14351.9	14275.6	14223.4	14159.2	14050.8	13870.1	13649.2	13388.2	13103.1	12761.7
-15°	13805.8	13737.5	13661.2	13617.1	13524.7	13396.2	13215.5	13010.7	12725.6	12444.5	12123.3
-17.5°	13103.1	13018.7	12934.4	12922.4	12858.1	12661.3	12492.7	12243.7	11994.8	11725.7	11412.5
-20°	12275.8	12159.4	12103.2	12071.0	11982.7	11838.1	11657.4	11428.5	11187.6	10930.6	10569.2



REPORT NUMBER: P722010
 CATALOG NUMBER: IFLD-L-SA7C-727-U-76

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	11360.3	11259.9	11163.5	11103.3	11027.0	10914.5	10741.9	10541.1	10304.2	10015.0	9681.7
-25°	10320.2	10179.7	10119.4	10051.2	10011.0	9906.6	9738.0	9553.2	9308.3	9027.2	8709.9
-27.5°	9131.6	9019.2	8987.0	8890.7	8842.5	8734.0	8593.5	8420.8	8195.9	7930.9	7669.9
-30°	7818.5	7750.2	7698.0	7601.6	7565.5	7449.0	7356.7	7212.1	7007.3	6818.6	6609.8
-32.5°	6469.2	6400.9	6384.9	6340.7	6316.6	6240.3	6135.9	6031.5	5866.9	5726.3	5557.7
-35°	5272.6	5224.4	5228.4	5224.4	5200.3	5144.0	5015.5	4987.4	4867.0	4738.5	4630.0
-37.5°	4316.8	4320.8	4316.8	4312.8	4280.7	4256.6	4164.2	4128.1	4055.8	3931.3	3867.1
-40°	3598.0	3606.1	3602.0	3594.0	3557.9	3545.8	3485.6	3437.4	3409.3	3320.9	3252.7
-42.5°	3015.8	3027.8	3023.8	3019.8	2995.7	2991.7	2959.5	2903.3	2887.3	2835.0	2762.8
-45°	2574.0	2570.0	2562.0	2570.0	2558.0	2545.9	2525.8	2489.7	2469.6	2445.5	2385.3
-47.5°	2224.7	2228.7	2220.7	2220.7	2204.6	2192.5	2184.5	2160.4	2144.4	2124.3	2088.1
-50°	1935.5	1951.6	1947.6	1943.6	1931.5	1923.5	1923.5	1899.4	1875.3	1867.3	1843.2
-52.5°	1710.7	1722.7	1726.7	1734.8	1738.8	1742.8	1730.7	1706.7	1666.5	1662.5	1650.4
-55°	1505.9	1542.0	1566.1	1582.2	1598.2	1610.3	1586.2	1554.1	1513.9	1497.8	1493.8
-57.5°	1365.3	1401.5	1429.6	1453.7	1473.7	1493.8	1469.7	1437.6	1401.5	1381.4	1377.4
-60°	1236.8	1268.9	1297.1	1329.2	1357.3	1389.4	1377.4	1353.3	1333.2	1317.1	1301.1
-62.5°	1100.3	1132.4	1164.5	1204.7	1240.8	1273.0	1277.0	1273.0	1268.9	1273.0	1244.9
-65°	987.9	1003.9	1024.0	1068.2	1108.3	1144.5	1164.5	1176.6	1196.7	1216.7	1188.6
-67.5°	867.4	887.5	911.6	943.7	975.8	999.9	1028.0	1060.1	1092.3	1124.4	1104.3
-70°	759.0	775.0	795.1	811.2	831.2	847.3	871.4	907.5	943.7	975.8	967.8
-72.5°	646.5	662.6	674.6	682.7	694.7	702.7	714.8	746.9	771.0	787.1	787.1
-75°	534.1	550.1	562.2	566.2	574.2	578.3	586.3	598.3	610.4	614.4	618.4
-77.5°	409.6	425.7	437.7	445.7	453.8	461.8	465.8	473.8	477.9	477.9	481.9
-80°	305.2	317.2	325.3	337.3	341.3	349.4	357.4	361.4	365.4	365.4	369.4
-82.5°	216.8	224.9	232.9	240.9	249.0	253.0	261.0	265.0	269.0	273.1	277.1
-85°	144.6	152.6	160.6	168.7	172.7	176.7	180.7	184.7	188.7	192.8	196.8
-87.5°	84.3	88.3	92.4	100.4	104.4	112.4	116.5	112.4	116.5	116.5	116.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P722010
 CATALOG NUMBER: IFLD-L-SA7C-727-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	156.6	156.6	156.6	156.6	152.6	144.6	140.5	132.5	124.5	116.5	108.4
85°	325.3	329.3	329.3	329.3	321.3	317.2	305.2	293.1	277.1	253.0	232.9
82.5°	542.1	546.1	546.1	542.1	534.1	522.0	506.0	485.9	453.8	421.6	393.5
80°	815.2	819.2	819.2	815.2	795.1	775.0	754.9	730.8	690.7	646.5	598.3
77.5°	1140.4	1148.5	1148.5	1136.4	1108.3	1084.2	1052.1	1011.9	951.7	887.5	823.2
75°	1517.9	1538.0	1542.0	1530.0	1493.8	1449.7	1397.4	1329.2	1236.8	1156.5	1080.2
72.5°	1955.6	1975.7	1991.8	1975.7	1923.5	1863.3	1787.0	1706.7	1614.3	1505.9	1377.4
70°	2529.9	2549.9	2562.0	2509.8	2417.4	2317.0	2224.7	2132.3	2023.9	1891.4	1750.8
67.5°	3252.7	3232.6	3208.5	3104.1	2987.6	2867.2	2738.7	2602.1	2461.6	2321.0	2156.4
65°	3947.4	3891.2	3839.0	3714.5	3565.9	3409.3	3260.7	3108.1	2939.5	2762.8	2606.2
62.5°	4678.2	4557.8	4429.3	4276.7	4124.1	3951.4	3802.8	3622.1	3433.4	3216.5	3015.8
60°	5397.0	5252.5	5124.0	4935.2	4734.5	4501.5	4340.9	4164.2	3943.4	3710.5	3473.5
57.5°	6091.7	5935.1	5794.6	5629.9	5413.1	5160.1	4983.4	4754.5	4521.6	4228.5	3987.5
55°	6830.6	6674.0	6561.6	6376.9	6139.9	5907.0	5714.3	5473.3	5148.1	4834.8	4537.7
52.5°	7677.9	7553.4	7433.0	7244.2	6959.1	6722.2	6509.4	6240.3	5899.0	5513.5	5156.1
50°	8625.6	8561.4	8432.9	8212.0	7886.7	7677.9	7396.8	7039.4	6674.0	6268.4	5822.7
47.5°	9882.5	9778.1	9597.4	9356.5	9083.4	8770.2	8392.7	7975.1	7457.1	7007.3	6533.5
45°	11384.4	11191.6	10958.7	10633.4	10296.1	9942.8	9529.1	8999.1	8304.4	7718.1	7220.1
42.5°	13010.7	12749.7	12432.5	12006.8	11569.1	11135.4	10689.7	9966.8	9099.5	8424.8	7862.6
40°	14709.3	14376.0	13978.5	13360.1	12874.2	12316.0	11806.0	10725.8	9802.2	9071.4	8473.0
37.5°	16371.8	15950.2	15283.6	14532.6	13966.4	13508.7	12388.3	11231.8	10404.6	9601.4	8995.1
35°	17644.8	17287.4	16110.8	15331.8	14845.9	14123.0	12721.6	11537.0	10661.6	9995.0	9051.3
32.5°	18399.7	17476.1	16444.1	15657.0	15255.5	14070.8	12745.7	11625.3	10782.0	10035.1	8906.7
30°	18231.1	17114.7	16211.2	15552.6	14681.2	13617.1	12520.8	11488.8	10669.6	9766.1	8746.1
27.5°	17215.1	16351.7	15544.6	14857.9	14002.6	13046.9	12034.9	11127.4	10364.4	9489.0	8525.2
25°	16066.6	15283.6	14685.2	14086.9	13275.7	12364.2	11472.7	10818.2	10051.2	9187.8	8236.1
22.5°	15010.5	14448.3	13978.5	13352.0	12561.0	11765.9	11211.7	10533.1	9746.0	8870.6	7938.9
20°	14335.9	13954.4	13416.3	12725.6	12103.2	11605.2	10990.8	10272.0	9460.9	8545.3	7686.0
17.5°	14010.6	13568.9	12970.6	12520.8	12042.9	11496.8	10810.1	10047.2	9183.8	8396.7	7714.1
15°	13842.0	13376.1	12982.6	12540.9	12002.8	11428.5	10665.6	9874.5	9183.8	8457.0	7734.1
12.5°	13878.1	13476.5	13046.9	12565.0	11986.7	11372.3	10681.6	9946.8	9232.0	8501.1	7738.2
10°	13990.5	13568.9	13111.1	12577.0	11994.8	11388.4	10725.8	9990.9	9256.1	8521.2	7730.1
7.5°	14030.7	13572.9	13083.0	12544.9	11974.7	11380.4	10733.8	10003.0	9260.1	8517.2	7706.0
5°	13906.2	13492.6	13018.7	12476.6	11918.5	11340.2	10701.7	9986.9	9228.0	8477.0	7645.8
2.5°	13737.5	13404.2	12950.5	12428.4	11862.2	11284.0	10649.5	9914.6	9155.7	8404.8	7569.5
0°	13709.4	13295.8	12838.0	12372.2	11769.9	11159.5	10529.0	9778.1	9023.2	8268.2	7437.0
-2.5°	13524.7	13087.0	12629.2	12123.3	11593.2	10978.8	10316.2	9581.3	8834.4	8091.5	7292.4
-5°	13384.2	12898.3	12412.4	11866.2	11332.2	10717.8	10031.1	9316.3	8585.5	7862.6	7091.6
-7.5°	13195.4	12697.5	12187.5	11617.3	11039.0	10412.6	9733.9	9019.2	8300.4	7581.5	6842.7
-10°	12813.9	12376.2	11898.4	11308.1	10697.7	10071.3	9396.6	8693.9	7975.1	7248.3	6505.4
-12.5°	12352.1	11890.3	11368.3	10826.2	10280.1	9697.8	9023.2	8332.5	7609.7	6878.8	6139.9
-15°	11753.8	11300.0	10766.0	10235.9	9709.8	9151.7	8557.4	7934.9	7200.1	6481.3	5742.4
-17.5°	11006.9	10581.2	10103.4	9597.4	9075.4	8513.2	7934.9	7408.9	6722.2	6047.6	5316.7
-20°	10203.8	9806.2	9376.5	8898.7	8376.6	7826.5	7280.4	6730.2	6135.9	5541.6	4863.0



REPORT NUMBER: P722010
 CATALOG NUMBER: IFLD-L-SA7C-727-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	9368.5	8966.9	8533.3	8087.5	7605.6	7095.7	6589.7	6063.6	5541.6	5003.5	4429.3
-25°	8404.8	8051.4	7653.8	7220.1	6790.5	6344.7	5862.9	5385.0	4939.3	4473.4	4003.6
-27.5°	7396.8	7071.6	6710.2	6332.7	5963.2	5589.8	5172.2	4730.4	4361.0	3975.5	3586.0
-30°	6336.7	6075.7	5782.5	5453.3	5168.1	4867.0	4517.6	4152.2	3814.9	3521.7	3208.5
-32.5°	5332.8	5111.9	4903.1	4686.3	4405.2	4172.3	3931.3	3662.3	3365.1	3088.0	2863.2
-35°	4469.4	4232.5	4144.2	3983.5	3782.7	3577.9	3401.3	3208.5	2983.6	2738.7	2554.0
-37.5°	3742.6	3602.0	3477.6	3389.2	3256.7	3092.1	2951.5	2811.0	2638.3	2453.6	2268.8
-40°	3176.4	3080.0	2943.5	2899.3	2815.0	2702.5	2558.0	2449.5	2333.1	2192.5	2035.9
-42.5°	2722.6	2650.3	2562.0	2485.7	2449.5	2369.2	2256.8	2152.4	2060.0	1963.7	1843.2
-45°	2349.2	2301.0	2244.7	2176.5	2148.4	2084.1	2003.8	1887.4	1835.2	1754.8	1666.5
-47.5°	2048.0	2023.9	1983.7	1939.6	1899.4	1851.2	1778.9	1706.7	1634.4	1582.2	1513.9
-50°	1811.1	1795.0	1770.9	1734.8	1682.6	1650.4	1602.2	1538.0	1469.7	1425.6	1377.4
-52.5°	1622.3	1606.3	1590.2	1562.1	1521.9	1489.8	1449.7	1397.4	1341.2	1297.1	1256.9
-55°	1477.8	1453.7	1441.6	1417.5	1385.4	1349.3	1313.1	1277.0	1228.8	1188.6	1148.5
-57.5°	1365.3	1333.2	1317.1	1297.1	1264.9	1228.8	1200.7	1164.5	1132.4	1088.2	1052.1
-60°	1277.0	1240.8	1208.7	1188.6	1160.5	1124.4	1096.3	1068.2	1036.0	999.9	955.7
-62.5°	1204.7	1160.5	1116.4	1092.3	1064.1	1032.0	1003.9	975.8	943.7	907.5	867.4
-65°	1136.4	1084.2	1028.0	1003.9	975.8	943.7	907.5	887.5	859.3	827.2	787.1
-67.5°	1052.1	995.9	947.7	919.6	891.5	863.4	831.2	811.2	783.1	742.9	702.7
-70°	927.6	891.5	859.3	835.3	811.2	787.1	754.9	722.8	690.7	654.6	618.4
-72.5°	771.0	759.0	754.9	742.9	714.8	686.7	654.6	622.4	594.3	566.2	538.1
-75°	622.4	630.5	638.5	634.5	606.4	578.3	550.1	522.0	502.0	477.9	453.8
-77.5°	493.9	502.0	510.0	510.0	489.9	473.8	453.8	433.7	417.6	397.5	373.5
-80°	381.5	393.5	405.6	413.6	397.5	385.5	369.4	353.4	337.3	321.3	305.2
-82.5°	289.1	301.2	313.2	321.3	309.2	301.2	289.1	277.1	265.0	249.0	236.9
-85°	208.8	216.8	224.9	228.9	220.9	212.8	204.8	196.8	188.7	176.7	168.7
-87.5°	120.5	124.5	128.5	132.5	124.5	116.5	112.4	104.4	100.4	92.4	88.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P722010
 CATALOG NUMBER: IFLD-L-SA7C-727-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	100.4	92.4	84.3	80.3	72.3	60.2	52.2	44.2	36.1	28.1	24.1
85°	212.8	192.8	168.7	156.6	140.5	124.5	108.4	92.4	76.3	60.2	44.2
82.5°	365.4	341.3	317.2	289.1	253.0	208.8	164.6	136.5	112.4	88.3	68.3
80°	550.1	506.0	465.8	429.7	389.5	333.3	273.1	216.8	152.6	116.5	88.3
77.5°	763.0	710.8	654.6	594.3	530.1	453.8	385.5	313.2	236.9	160.6	112.4
75°	1003.9	935.6	859.3	775.0	690.7	590.3	493.9	409.6	321.3	224.9	136.5
72.5°	1273.0	1188.6	1096.3	983.8	851.3	734.9	618.4	506.0	401.6	285.1	184.7
70°	1618.3	1485.8	1349.3	1228.8	1060.1	875.4	738.9	610.4	477.9	349.4	232.9
67.5°	1987.7	1827.1	1662.5	1485.8	1273.0	1056.1	859.3	714.8	558.2	409.6	277.1
65°	2389.3	2188.5	1979.7	1782.9	1489.8	1232.8	1011.9	815.2	634.5	465.8	321.3
62.5°	2802.9	2566.0	2325.1	2068.1	1730.7	1413.5	1156.5	927.6	706.8	518.0	361.4
60°	3244.6	2967.6	2674.4	2353.2	1959.6	1610.3	1293.0	1044.1	783.1	570.2	405.6
57.5°	3710.5	3409.3	3063.9	2630.3	2196.6	1799.0	1449.7	1148.5	851.3	618.4	437.7
55°	4216.4	3871.1	3493.6	2919.4	2429.5	1987.7	1606.3	1252.9	923.6	658.6	469.8
52.5°	4762.6	4361.0	3883.1	3224.6	2674.4	2180.5	1750.8	1345.2	991.9	702.7	497.9
50°	5372.9	4867.0	4224.5	3505.7	2887.3	2361.2	1895.4	1445.6	1048.1	750.9	522.0
47.5°	6007.4	5461.3	4529.7	3766.7	3104.1	2537.9	2044.0	1534.0	1104.3	791.1	546.1
45°	6670.0	5874.9	4846.9	3999.6	3292.8	2698.5	2156.4	1614.3	1172.6	827.2	566.2
42.5°	7324.5	6188.1	5124.0	4232.5	3469.5	2843.1	2248.8	1690.6	1228.8	863.4	586.3
40°	7633.8	6425.0	5344.8	4393.1	3618.1	2971.6	2329.1	1758.9	1277.0	887.5	606.4
37.5°	7762.3	6569.6	5489.4	4545.7	3734.6	3039.8	2397.3	1819.1	1317.1	911.6	622.4
35°	7790.4	6621.8	5561.7	4650.1	3830.9	3104.1	2449.5	1863.3	1349.3	935.6	638.5
32.5°	7738.2	6605.7	5581.8	4686.3	3891.2	3152.3	2485.7	1895.4	1373.4	959.7	654.6
30°	7621.7	6521.4	5509.5	4682.2	3935.3	3180.4	2509.8	1919.5	1397.4	975.8	662.6
27.5°	7433.0	6372.8	5417.1	4686.3	3959.4	3192.4	2521.8	1931.5	1413.5	987.9	678.6
25°	7200.1	6172.1	5421.1	4678.2	3963.4	3196.5	2521.8	1931.5	1417.5	991.9	690.7
22.5°	6931.0	6172.1	5421.1	4666.2	3939.4	3188.4	2509.8	1923.5	1417.5	999.9	702.7
20°	6947.1	6176.1	5409.1	4642.1	3903.2	3164.3	2481.7	1903.4	1405.5	1011.9	710.8
17.5°	6959.1	6168.0	5385.0	4610.0	3855.0	3124.2	2445.5	1875.3	1405.5	1024.0	714.8
15°	6959.1	6143.9	5348.8	4561.8	3794.8	3068.0	2393.3	1851.2	1409.5	1028.0	722.8
12.5°	6947.1	6099.8	5292.6	4497.5	3722.5	2999.7	2361.2	1843.2	1409.5	1032.0	722.8
10°	6923.0	6039.5	5220.3	4417.2	3654.2	2975.6	2345.1	1827.1	1401.5	1032.0	722.8
7.5°	6878.8	5967.3	5160.1	4369.0	3614.1	2947.5	2321.0	1803.0	1389.4	1024.0	730.8
5°	6810.5	5927.1	5111.9	4312.8	3557.9	2927.4	2305.0	1782.9	1381.4	1024.0	722.8
2.5°	6722.2	5878.9	5055.7	4240.5	3493.6	2859.1	2252.8	1738.8	1353.3	1007.9	714.8
0°	6577.6	5782.5	4959.3	4140.1	3405.3	2790.9	2200.6	1694.6	1325.2	991.9	706.8
-2.5°	6445.1	5654.0	4834.8	4035.7	3320.9	2730.6	2160.4	1670.5	1313.1	987.9	702.7
-5°	6260.4	5477.3	4670.2	3899.2	3208.5	2670.4	2120.3	1642.4	1301.1	979.8	702.7
-7.5°	6055.6	5292.6	4497.5	3758.6	3096.1	2566.0	2044.0	1598.2	1273.0	963.8	698.7
-10°	5738.4	5015.5	4280.7	3598.0	2975.6	2473.6	1979.7	1558.1	1248.9	947.7	682.7
-12.5°	5401.1	4710.4	4031.7	3401.3	2839.1	2377.3	1907.4	1513.9	1220.8	931.6	674.6
-15°	5043.7	4397.1	3770.7	3196.5	2690.5	2260.8	1831.1	1465.7	1192.6	911.6	662.6
-17.5°	4670.2	4067.9	3501.6	2987.6	2541.9	2140.3	1750.8	1421.5	1160.5	891.5	650.5
-20°	4276.7	3730.5	3228.6	2774.8	2385.3	2019.9	1666.5	1369.3	1124.4	867.4	634.5



REPORT NUMBER: P722010
 CATALOG NUMBER: IFLD-L-SA7C-727-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3887.2	3397.2	2947.5	2566.0	2224.7	1895.4	1582.2	1317.1	1084.2	839.3	622.4
-25°	3541.8	3084.0	2698.5	2365.2	2068.1	1774.9	1493.8	1264.9	1040.1	811.2	606.4
-27.5°	3204.5	2815.0	2453.6	2176.5	1915.5	1658.5	1409.5	1208.7	995.9	779.0	590.3
-30°	2891.3	2558.0	2260.8	1991.8	1770.9	1554.1	1337.2	1152.5	947.7	746.9	570.2
-32.5°	2606.2	2337.1	2088.1	1831.1	1634.4	1449.7	1268.9	1096.3	899.5	714.8	550.1
-35°	2341.1	2132.3	1915.5	1698.6	1497.8	1353.3	1196.7	1036.0	855.3	678.6	530.1
-37.5°	2104.2	1935.5	1762.9	1578.2	1405.5	1260.9	1128.4	975.8	811.2	646.5	510.0
-40°	1899.4	1762.9	1610.3	1461.7	1317.1	1180.6	1060.1	915.6	767.0	622.4	489.9
-42.5°	1710.7	1606.3	1481.8	1357.3	1228.8	1108.3	991.9	851.3	722.8	594.3	469.8
-45°	1566.1	1461.7	1361.3	1248.9	1140.4	1036.0	919.6	795.1	682.7	562.2	449.8
-47.5°	1429.6	1337.2	1244.9	1152.5	1064.1	967.8	851.3	746.9	638.5	534.1	433.7
-50°	1309.1	1220.8	1140.4	1060.1	983.8	891.5	783.1	698.7	602.3	506.0	413.6
-52.5°	1196.7	1120.4	1040.1	975.8	911.6	819.2	730.8	650.5	566.2	473.8	393.5
-55°	1096.3	1024.0	951.7	891.5	831.2	750.9	678.6	610.4	530.1	449.8	373.5
-57.5°	999.9	939.7	871.4	815.2	754.9	690.7	630.5	566.2	493.9	425.7	353.4
-60°	911.6	855.3	795.1	738.9	686.7	634.5	578.3	526.1	461.8	397.5	333.3
-62.5°	823.2	775.0	722.8	666.6	626.4	578.3	534.1	481.9	429.7	373.5	297.2
-65°	742.9	698.7	650.5	602.3	566.2	530.1	489.9	441.7	397.5	345.3	265.0
-67.5°	662.6	622.4	582.3	542.1	510.0	481.9	441.7	405.6	369.4	313.2	232.9
-70°	586.3	554.2	518.0	485.9	461.8	429.7	401.6	369.4	337.3	273.1	196.8
-72.5°	514.0	481.9	453.8	429.7	409.6	381.5	357.4	333.3	289.1	228.9	164.6
-75°	429.7	409.6	393.5	373.5	353.4	333.3	313.2	285.1	240.9	184.7	128.5
-77.5°	353.4	341.3	329.3	313.2	297.2	281.1	257.0	228.9	192.8	144.6	104.4
-80°	289.1	277.1	269.0	253.0	240.9	224.9	200.8	176.7	140.5	112.4	84.3
-82.5°	220.9	212.8	204.8	196.8	184.7	168.7	144.6	124.5	104.4	84.3	64.3
-85°	156.6	152.6	144.6	136.5	124.5	112.4	96.4	84.3	72.3	56.2	44.2
-87.5°	80.3	76.3	72.3	68.3	64.3	56.2	48.2	40.2	36.1	28.1	20.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P722010
 CATALOG NUMBER: IFLD-L-SA7C-727-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	16.1	12.0	4.0	0.0
85°	32.1	20.1	8.0	0.0
82.5°	48.2	32.1	12.0	0.0
80°	64.3	40.2	20.1	0.0
77.5°	80.3	48.2	24.1	0.0
75°	96.4	60.2	28.1	0.0
72.5°	108.4	68.3	32.1	0.0
70°	128.5	80.3	36.1	0.0
67.5°	160.6	88.3	40.2	0.0
65°	188.7	96.4	44.2	0.0
62.5°	220.9	104.4	48.2	0.0
60°	249.0	112.4	52.2	0.0
57.5°	277.1	132.5	56.2	0.0
55°	301.2	148.6	60.2	0.0
52.5°	329.3	164.6	64.3	0.0
50°	353.4	180.7	68.3	0.0
47.5°	373.5	196.8	68.3	0.0
45°	389.5	208.8	72.3	0.0
42.5°	401.6	220.9	76.3	0.0
40°	413.6	232.9	80.3	0.0
37.5°	425.7	245.0	80.3	0.0
35°	437.7	257.0	84.3	0.0
32.5°	449.8	269.0	84.3	0.0
30°	457.8	277.1	88.3	0.0
27.5°	469.8	285.1	88.3	0.0
25°	473.8	293.1	92.4	0.0
22.5°	481.9	297.2	92.4	0.0
20°	489.9	305.2	92.4	0.0
17.5°	493.9	309.2	96.4	0.0
15°	493.9	313.2	100.4	0.0
12.5°	497.9	317.2	100.4	0.0
10°	497.9	325.3	96.4	0.0
7.5°	506.0	321.3	96.4	0.0
5°	502.0	321.3	96.4	0.0
2.5°	497.9	317.2	96.4	0.0
0°	493.9	317.2	96.4	0.0
-2.5°	493.9	317.2	96.4	0.0
-5°	493.9	317.2	96.4	0.0
-7.5°	489.9	321.3	96.4	0.0
-10°	481.9	321.3	96.4	0.0
-12.5°	477.9	309.2	96.4	0.0
-15°	473.8	305.2	96.4	0.0
-17.5°	465.8	301.2	92.4	0.0
-20°	457.8	297.2	92.4	0.0



REPORT NUMBER: P722010
 CATALOG NUMBER: IFLD-L-SA7C-727-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	449.8	289.1	92.4	0.0
-25°	441.7	281.1	88.3	0.0
-27.5°	433.7	273.1	88.3	0.0
-30°	421.6	265.0	84.3	0.0
-32.5°	409.6	257.0	84.3	0.0
-35°	401.6	245.0	80.3	0.0
-37.5°	389.5	232.9	80.3	0.0
-40°	377.5	220.9	76.3	0.0
-42.5°	365.4	208.8	72.3	0.0
-45°	349.4	196.8	72.3	0.0
-47.5°	337.3	184.7	68.3	0.0
-50°	317.2	168.7	64.3	0.0
-52.5°	293.1	152.6	60.2	0.0
-55°	269.0	140.5	56.2	0.0
-57.5°	245.0	124.5	56.2	0.0
-60°	220.9	108.4	52.2	0.0
-62.5°	196.8	100.4	48.2	0.0
-65°	172.7	92.4	44.2	0.0
-67.5°	144.6	80.3	40.2	0.0
-70°	120.5	72.3	36.1	0.0
-72.5°	104.4	64.3	32.1	0.0
-75°	88.3	56.2	28.1	0.0
-77.5°	76.3	48.2	24.1	0.0
-80°	60.2	36.1	16.1	0.0
-82.5°	44.2	28.1	12.0	0.0
-85°	28.1	20.1	8.0	0.0
-87.5°	16.1	8.0	4.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)