

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: P722321

Luminaire Tested: **IFLD-S-SA6E-940-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722321
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6E-940-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (96) 4000K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

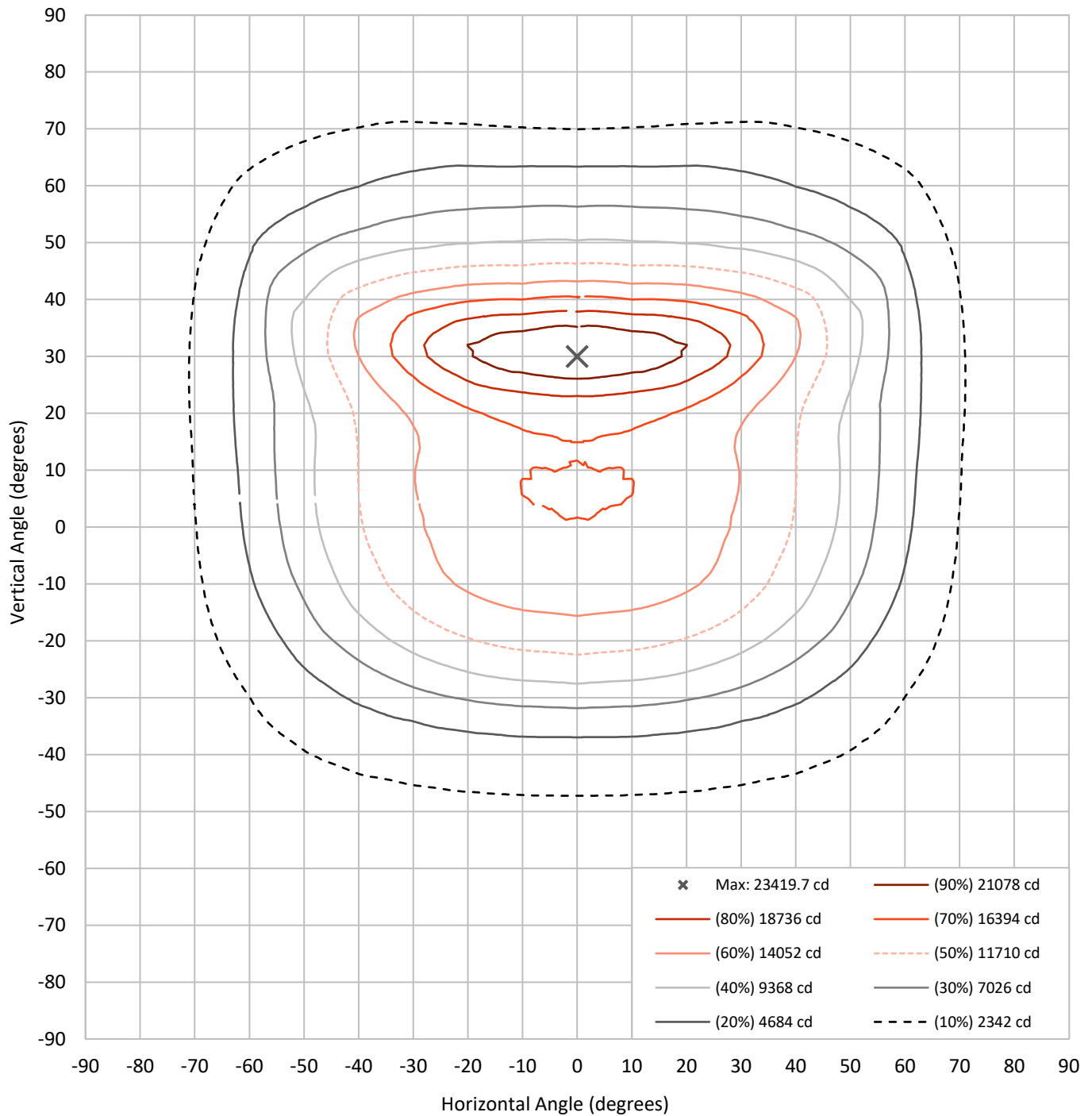
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	39093.3 lumens	Max Intensity:	23419.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	84.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	22733.2 lumens	Field Lumens:	36635.5 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 464.2
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: P722321
CATALOG NUMBER: IFLD-S-SA6E-940-U-76

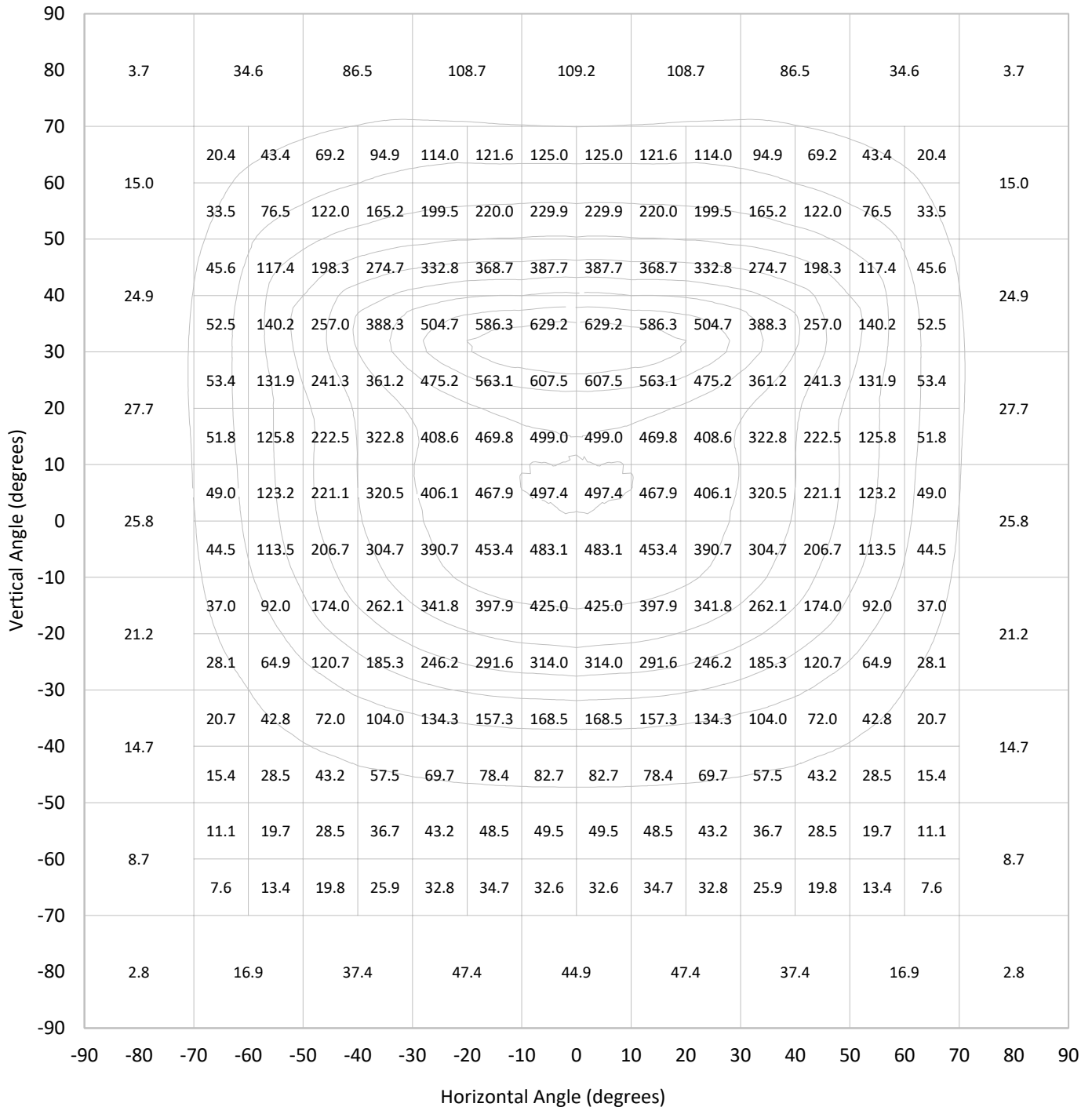
Iso-Candela Plot





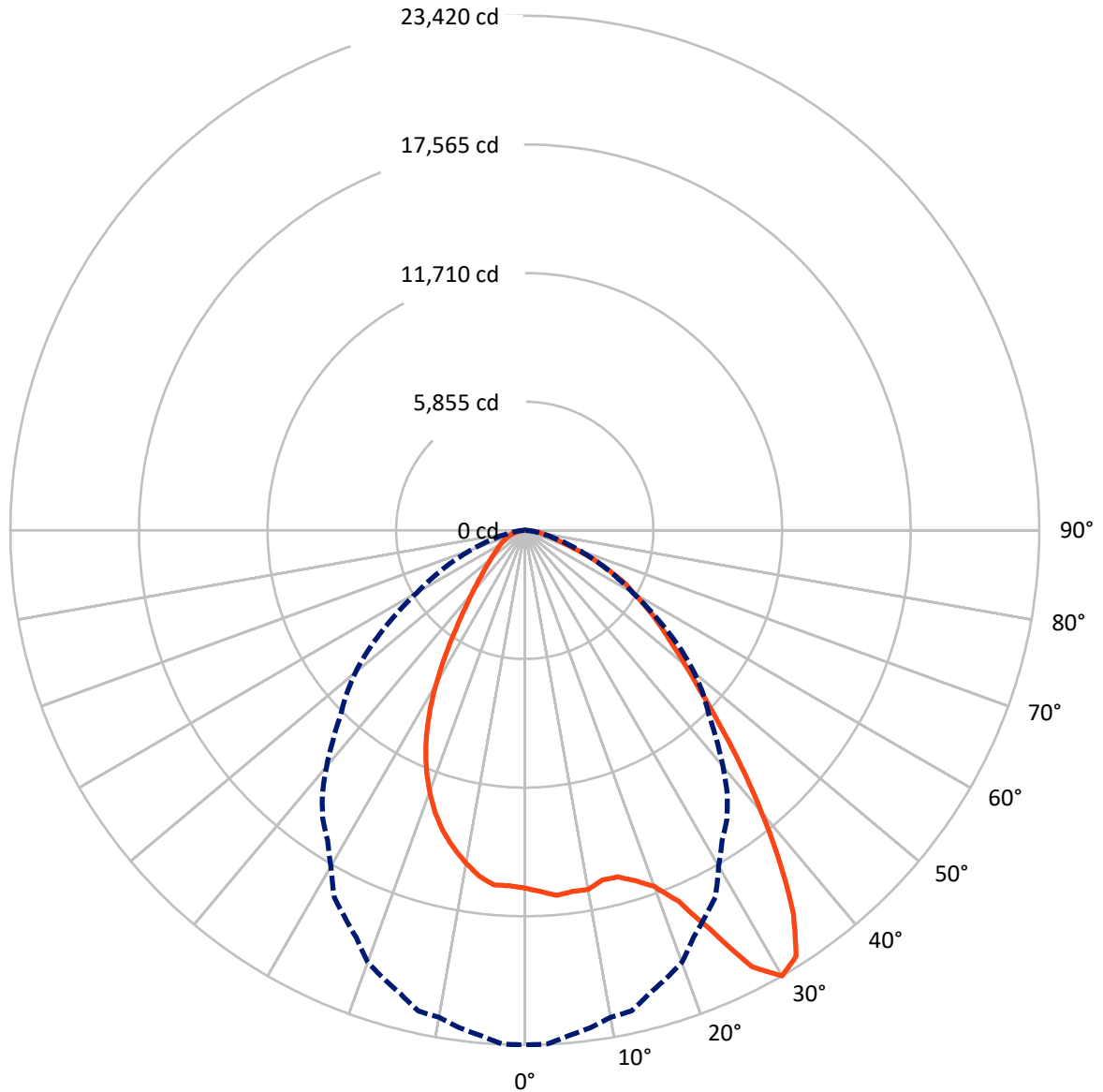
REPORT NUMBER: P722321
 CATALOG NUMBER: IFLD-S-SA6E-940-U-76

Lumen Table



REPORT NUMBER: P722321
CATALOG NUMBER: IFLD-S-SA6E-940-U-76

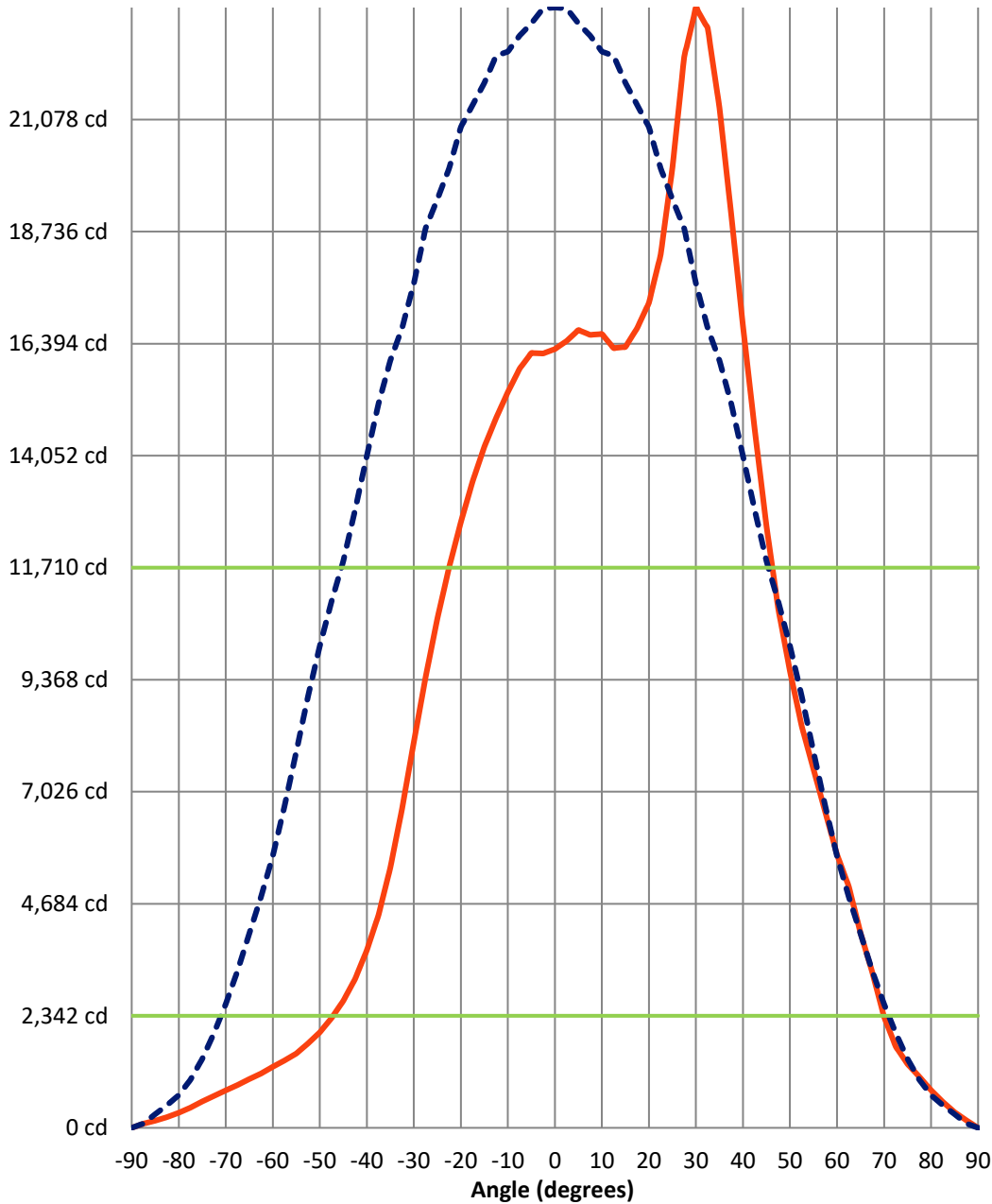
Luminous Intensity Polar Plot



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

REPORT NUMBER: P722321
 CATALOG NUMBER: IFLD-S-SA6E-940-U-76

Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 22733.2
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 36635.5
 Efficiency: 93.7%

Spill:
 Lumens: 2457.8
 Efficiency: 6.3%

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



REPORT NUMBER: P722321
 CATALOG NUMBER: IFLD-S-SA6E-940-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°	157.4	161.5	165.7	165.7	161.5	161.5	161.5	157.4	161.5	161.5	161.5
85°	327.2	335.5	343.7	339.6	335.5	327.2	318.9	323.0	327.2	331.3	331.3
82.5°	542.5	554.9	563.2	559.1	550.8	542.5	534.2	538.4	546.7	550.8	550.8
80°	786.9	791.0	795.2	803.4	791.0	791.0	786.9	803.4	811.7	820.0	828.3
77.5°	1068.5	1072.6	1072.6	1076.8	1080.9	1085.0	1085.0	1114.0	1134.7	1147.2	1159.6
75°	1333.5	1346.0	1358.4	1370.8	1387.4	1395.7	1408.1	1449.5	1482.6	1507.5	1532.3
72.5°	1698.0	1714.5	1735.2	1764.2	1793.2	1813.9	1842.9	1892.6	1929.9	1954.7	1983.7
70°	2323.3	2339.9	2360.6	2381.3	2410.3	2431.0	2460.0	2522.1	2559.4	2576.0	2592.5
67.5°	3251.0	3292.4	3329.7	3288.3	3267.6	3238.6	3246.9	3304.8	3342.1	3367.0	3362.8
65°	4075.1	4104.1	4104.1	4100.0	4083.4	4046.2	4066.9	4137.3	4178.7	4199.4	4137.3
62.5°	5044.2	5044.2	5023.5	5056.7	5060.8	5036.0	5023.5	5027.7	5031.8	5044.2	4940.7
60°	5715.1	5756.6	5769.0	5798.0	5806.3	5806.3	5827.0	5843.5	5843.5	5818.7	5698.6
57.5°	6601.4	6680.1	6696.7	6675.9	6634.5	6580.7	6572.4	6547.6	6497.9	6448.2	6390.2
55°	7495.9	7537.4	7533.2	7520.8	7479.4	7417.3	7425.5	7392.4	7313.7	7251.6	7172.9
52.5°	8394.6	8494.0	8510.6	8485.7	8427.8	8361.5	8365.6	8328.4	8249.7	8183.4	8075.7
50°	9541.8	9624.6	9616.3	9574.9	9492.1	9442.4	9446.5	9376.1	9285.0	9264.3	9123.5
47.5°	10854.6	10949.9	10933.3	10875.3	10763.5	10742.8	10763.5	10672.4	10618.6	10573.0	10407.4
45°	12577.5	12689.3	12627.1	12515.3	12337.3	12358.0	12386.9	12370.4	12254.4	12134.3	11923.1
42.5°	14598.5	14668.9	14594.3	14482.5	14258.9	14300.3	14283.7	14184.3	14113.9	13915.1	13645.9
40°	16760.3	16913.5	16797.5	16623.6	16391.7	16453.8	16408.3	16279.9	16114.2	15865.7	15526.1
37.5°	19091.9	19212.0	19079.5	18876.5	18669.5	18648.8	18557.6	18358.9	18122.8	17849.5	17306.9
35°	21324.1	21634.7	21390.4	21067.3	20814.7	20719.5	20632.5	20172.8	19903.6	19460.5	18719.2
32.5°	22984.8	23212.6	22910.3	22574.8	22268.3	22135.8	21829.4	21282.7	21137.7	20205.9	19526.7
30°	23419.7	23403.1	23088.3	22831.6	22500.3	22409.2	21845.9	21382.1	20918.2	20056.8	19410.8
27.5°	22384.3	22280.8	21978.4	21754.8	21427.6	21320.0	20765.0	20516.5	19800.1	19071.2	18524.5
25°	20077.5	20131.4	19903.6	19791.8	19576.4	19344.5	19125.0	18789.6	18342.3	17704.5	17203.4
22.5°	18259.5	18329.9	18234.6	18102.1	17936.4	17808.1	17642.4	17381.5	16950.8	16557.3	16085.2
20°	17249.0	17228.3	17145.4	17046.0	16888.7	16797.5	16615.3	16395.8	16064.5	15724.9	15215.5
17.5°	16718.9	16590.5	16511.8	16474.5	16391.7	16275.7	16060.4	15836.7	15580.0	15194.8	14822.1
15°	16325.4	16346.1	16284.0	16255.0	16188.8	16027.2	15807.8	15625.5	15277.7	15083.0	14743.4
12.5°	16300.6	16279.9	16284.0	16271.6	16188.8	15981.7	15869.9	15638.0	15414.3	15157.5	14768.3
10°	16594.6	16375.1	16391.7	16449.7	16317.1	16151.5	16031.4	15778.8	15567.5	15240.4	14855.2
7.5°	16578.1	16466.2	16499.4	16404.1	16445.5	16242.6	16076.9	15824.3	15559.3	15211.4	14863.5
5°	16677.4	16507.6	16478.7	16486.9	16383.4	16230.2	16006.5	15766.3	15517.9	15128.6	14772.4
2.5°	16449.7	16474.5	16342.0	16292.3	16279.9	16023.1	15816.0	15584.1	15327.3	14983.6	14664.7
0°	16279.9	16325.4	16188.8	16118.4	16114.2	15894.7	15762.2	15497.1	15314.9	15029.2	14644.0
-2.5°	16188.8	16242.6	16259.2	16130.8	16006.5	15836.7	15613.1	15327.3	15029.2	14697.9	14366.5
-5°	16197.0	16089.4	16043.8	16085.2	15977.5	15807.8	15559.3	15306.6	15012.6	14656.4	14242.3
-7.5°	15869.9	15762.2	15753.9	15733.2	15708.4	15546.8	15339.8	15066.4	14768.3	14436.9	14051.8
-10°	15381.2	15302.5	15281.8	15261.1	15194.8	15099.6	14904.9	14656.4	14387.2	14055.9	13645.9
-12.5°	14838.7	14801.4	14722.7	14668.9	14602.6	14490.8	14304.4	14076.6	13807.5	13513.4	13161.4
-15°	14238.2	14167.8	14089.1	14043.5	13948.3	13815.7	13629.4	13418.2	13124.1	12834.2	12502.9
-17.5°	13513.4	13426.4	13339.5	13327.0	13260.8	13057.9	12883.9	12627.1	12370.4	12092.9	11769.9
-20°	12660.3	12540.2	12482.2	12449.1	12358.0	12208.9	12022.5	11786.4	11538.0	11272.9	10900.2



REPORT NUMBER: P722321
 CATALOG NUMBER: IFLD-S-SA6E-940-U-76

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	11716.0	11612.5	11513.1	11451.0	11372.3	11256.3	11078.3	10871.2	10626.9	10328.7	9984.9
-25°	10643.4	10498.5	10436.3	10365.9	10324.5	10216.9	10042.9	9852.4	9599.8	9309.9	8982.7
-27.5°	9417.6	9301.6	9268.5	9169.1	9119.4	9007.6	8862.6	8684.5	8452.6	8179.3	7910.1
-30°	8063.3	7992.9	7939.1	7839.7	7802.4	7682.3	7587.1	7438.0	7226.8	7032.1	6816.8
-32.5°	6671.8	6601.4	6584.8	6539.3	6514.4	6435.7	6328.1	6220.4	6050.6	5905.6	5731.7
-35°	5437.7	5388.0	5392.1	5388.0	5363.1	5305.1	5172.6	5143.6	5019.4	4886.9	4775.0
-37.5°	4452.0	4456.2	4452.0	4447.9	4414.7	4389.9	4294.6	4257.4	4182.8	4054.4	3988.2
-40°	3710.7	3719.0	3714.8	3706.6	3669.3	3656.9	3594.7	3545.0	3516.1	3424.9	3354.5
-42.5°	3110.2	3122.6	3118.5	3114.3	3089.5	3085.3	3052.2	2994.2	2977.7	2923.8	2849.3
-45°	2654.6	2650.5	2642.2	2650.5	2638.1	2625.7	2604.9	2567.7	2547.0	2522.1	2460.0
-47.5°	2294.3	2298.5	2290.2	2290.2	2273.6	2261.2	2252.9	2228.1	2211.5	2190.8	2153.5
-50°	1996.2	2012.7	2008.6	2004.4	1992.0	1983.7	1983.7	1958.9	1934.0	1925.8	1900.9
-52.5°	1764.2	1776.7	1780.8	1789.1	1793.2	1797.4	1784.9	1760.1	1718.7	1714.5	1702.1
-55°	1553.0	1590.3	1615.1	1631.7	1648.3	1660.7	1635.9	1602.7	1561.3	1544.7	1540.6
-57.5°	1408.1	1445.4	1474.3	1499.2	1519.9	1540.6	1515.8	1482.6	1445.4	1424.6	1420.5
-60°	1275.6	1308.7	1337.7	1370.8	1399.8	1432.9	1420.5	1395.7	1374.9	1358.4	1341.8
-62.5°	1134.7	1167.9	1201.0	1242.4	1279.7	1312.8	1317.0	1312.8	1308.7	1312.8	1283.8
-65°	1018.8	1035.4	1056.1	1101.6	1143.0	1180.3	1201.0	1213.4	1234.1	1254.8	1225.9
-67.5°	894.5	915.3	940.1	973.2	1006.4	1031.2	1060.2	1093.3	1126.5	1159.6	1138.9
-70°	782.7	799.3	820.0	836.6	857.3	873.8	898.7	936.0	973.2	1006.4	998.1
-72.5°	666.8	683.3	695.8	704.0	716.5	724.7	737.2	770.3	795.2	811.7	811.7
-75°	550.8	567.4	579.8	583.9	592.2	596.4	604.6	617.1	629.5	633.6	637.8
-77.5°	422.4	439.0	451.4	459.7	468.0	476.3	480.4	488.7	492.8	492.8	497.0
-80°	314.7	327.2	335.5	347.9	352.0	360.3	368.6	372.7	376.9	376.9	381.0
-82.5°	223.6	231.9	240.2	248.5	256.8	260.9	269.2	273.3	277.5	281.6	285.8
-85°	149.1	157.4	165.7	173.9	178.1	182.2	186.4	190.5	194.6	198.8	202.9
-87.5°	87.0	91.1	95.3	103.5	107.7	116.0	120.1	116.0	120.1	120.1	120.1
-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: P722321
 CATALOG NUMBER: IFLD-S-SA6E-940-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°	161.5	161.5	161.5	161.5	157.4	149.1	144.9	136.7	128.4	120.1	111.8
85°	335.5	339.6	339.6	339.6	331.3	327.2	314.7	302.3	285.8	260.9	240.2
82.5°	559.1	563.2	563.2	559.1	550.8	538.4	521.8	501.1	468.0	434.8	405.9
80°	840.7	844.8	844.8	840.7	820.0	799.3	778.6	753.7	712.3	666.8	617.1
77.5°	1176.2	1184.4	1184.4	1172.0	1143.0	1118.2	1085.0	1043.6	981.5	915.3	849.0
75°	1565.5	1586.2	1590.3	1577.9	1540.6	1495.0	1441.2	1370.8	1275.6	1192.7	1114.0
72.5°	2016.9	2037.6	2054.1	2037.6	1983.7	1921.6	1842.9	1760.1	1664.8	1553.0	1420.5
70°	2609.1	2629.8	2642.2	2588.4	2493.1	2389.6	2294.3	2199.1	2087.3	1950.6	1805.7
67.5°	3354.5	3333.8	3309.0	3201.3	3081.2	2957.0	2824.4	2683.6	2538.7	2393.7	2223.9
65°	4071.0	4013.0	3959.2	3830.8	3677.6	3516.1	3362.8	3205.4	3031.5	2849.3	2687.8
62.5°	4824.7	4700.5	4568.0	4410.6	4253.2	4075.1	3921.9	3735.5	3540.9	3317.3	3110.2
60°	5566.1	5417.0	5284.4	5089.8	4882.7	4642.5	4476.9	4294.6	4066.9	3826.7	3582.3
57.5°	6282.5	6121.0	5976.1	5806.3	5582.6	5321.7	5139.5	4903.4	4663.2	4360.9	4112.4
55°	7044.5	6883.0	6767.1	6576.6	6332.2	6092.0	5893.2	5644.7	5309.3	4986.3	4679.8
52.5°	7918.4	7790.0	7665.7	7471.1	7177.1	6932.7	6713.2	6435.7	6083.7	5686.2	5317.6
50°	8895.7	8829.5	8697.0	8469.2	8133.7	7918.4	7628.5	7259.9	6883.0	6464.7	6005.0
47.5°	10192.0	10084.3	9898.0	9649.5	9367.9	9044.8	8655.5	8224.8	7690.6	7226.8	6738.1
45°	11740.9	11542.1	11301.9	10966.4	10618.6	10254.1	9827.6	9280.9	8564.4	7959.8	7446.2
42.5°	13418.2	13149.0	12821.8	12382.8	11931.4	11484.1	11024.4	10279.0	9384.4	8688.7	8108.9
40°	15170.0	14826.2	14416.2	13778.5	13277.4	12701.7	12175.7	11061.7	10109.2	9355.4	8738.4
37.5°	16884.5	16449.7	15762.2	14987.8	14403.8	13931.7	12776.2	11583.5	10730.4	9902.1	9276.8
35°	18197.3	17828.8	16615.3	15811.9	15310.8	14565.3	13120.0	11898.3	10995.4	10308.0	9334.7
32.5°	18975.9	18023.4	16959.1	16147.3	15733.2	14511.5	13144.8	11989.4	11119.7	10349.4	9185.6
30°	18802.0	17650.7	16718.9	16039.7	15141.0	14043.5	12912.9	11848.6	11003.7	10071.9	9020.0
27.5°	17754.2	16863.8	16031.4	15323.2	14441.1	13455.4	12411.8	11475.8	10689.0	9786.1	8792.2
25°	16569.8	15762.2	15145.1	14528.1	13691.5	12751.4	11832.0	11157.0	10365.9	9475.5	8494.0
22.5°	15480.6	14900.8	14416.2	13770.2	12954.3	12134.3	11562.8	10862.9	10051.2	9148.4	8187.6
20°	14784.8	14391.4	13836.4	13124.1	12482.2	11968.7	11335.0	10593.7	9757.2	8812.9	7926.7
17.5°	14449.4	13993.8	13376.7	12912.9	12420.1	11856.8	11148.7	10361.8	9471.4	8659.7	7955.6
15°	14275.4	13795.0	13389.2	12933.6	12378.7	11786.4	10999.6	10183.7	9471.4	8721.8	7976.3
12.5°	14312.7	13898.6	13455.4	12958.5	12362.1	11728.5	11016.1	10258.3	9521.1	8767.4	7980.5
10°	14428.7	13993.8	13521.7	12970.9	12370.4	11745.0	11061.7	10303.8	9545.9	8788.1	7972.2
7.5°	14470.1	13998.0	13492.7	12937.8	12349.7	11736.7	11070.0	10316.2	9550.1	8783.9	7947.4
5°	14341.7	13915.1	13426.4	12867.4	12291.7	11695.3	11036.8	10299.7	9517.0	8742.5	7885.2
2.5°	14167.8	13824.0	13356.0	12817.7	12233.7	11637.4	10983.0	10225.1	9442.4	8668.0	7806.6
0°	14138.8	13712.2	13240.1	12759.7	12138.5	11509.0	10858.8	10084.3	9305.7	8527.2	7669.9
-2.5°	13948.3	13496.8	13024.7	12502.9	11956.2	11322.6	10639.3	9881.4	9111.1	8344.9	7520.8
-5°	13803.3	13302.2	12801.1	12237.9	11687.1	11053.4	10345.2	9608.1	8854.3	8108.9	7313.7
-7.5°	13608.7	13095.1	12569.2	11981.1	11384.7	10738.7	10038.8	9301.6	8560.3	7819.0	7057.0
-10°	13215.2	12763.8	12271.0	11662.2	11032.7	10386.6	9690.9	8966.1	8224.8	7475.2	6709.1
-12.5°	12739.0	12262.7	11724.3	11165.2	10602.0	10001.5	9305.7	8593.4	7848.0	7094.2	6332.2
-15°	12121.9	11653.9	11103.1	10556.4	10013.9	9438.3	8825.3	8183.4	7425.5	6684.2	5922.2
-17.5°	11351.6	10912.6	10419.8	9898.0	9359.6	8779.8	8183.4	7640.9	6932.7	6237.0	5483.2
-20°	10523.3	10113.3	9670.2	9177.4	8639.0	8071.6	7508.4	6941.0	6328.1	5715.1	5015.2



REPORT NUMBER: P722321
 CATALOG NUMBER: IFLD-S-SA6E-940-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	9661.9	9247.8	8800.5	8340.8	7843.8	7317.9	6796.0	6253.5	5715.1	5160.2	4568.0
-25°	8668.0	8303.5	7893.5	7446.2	7003.1	6543.4	6046.5	5553.6	5093.9	4613.5	4129.0
-27.5°	7628.5	7293.0	6920.3	6531.0	6150.0	5764.8	5334.1	4878.6	4497.6	4100.0	3698.3
-30°	6535.1	6265.9	5963.6	5624.0	5330.0	5019.4	4659.1	4282.2	3934.3	3632.0	3309.0
-32.5°	5499.8	5272.0	5056.7	4833.0	4543.1	4302.9	4054.4	3777.0	3470.5	3184.7	2952.8
-35°	4609.4	4365.0	4273.9	4108.3	3901.2	3690.0	3507.8	3309.0	3077.1	2824.4	2633.9
-37.5°	3859.8	3714.8	3586.5	3495.3	3358.7	3188.9	3043.9	2899.0	2720.9	2530.4	2339.9
-40°	3275.9	3176.5	3035.7	2990.1	2903.1	2787.2	2638.1	2526.3	2406.2	2261.2	2099.7
-42.5°	2807.9	2733.3	2642.2	2563.5	2526.3	2443.4	2327.5	2219.8	2124.5	2025.1	1900.9
-45°	2422.7	2373.0	2315.0	2244.6	2215.7	2149.4	2066.6	1946.5	1892.6	1809.8	1718.7
-47.5°	2112.1	2087.3	2045.9	2000.3	1958.9	1909.2	1834.6	1760.1	1685.6	1631.7	1561.3
-50°	1867.8	1851.2	1826.4	1789.1	1735.2	1702.1	1652.4	1586.2	1515.8	1470.2	1420.5
-52.5°	1673.1	1656.6	1640.0	1611.0	1569.6	1536.5	1495.0	1441.2	1383.2	1337.7	1296.3
-55°	1524.0	1499.2	1486.8	1461.9	1428.8	1391.5	1354.2	1317.0	1267.3	1225.9	1184.4
-57.5°	1408.1	1374.9	1358.4	1337.7	1304.5	1267.3	1238.3	1201.0	1167.9	1122.3	1085.0
-60°	1317.0	1279.7	1246.6	1225.9	1196.9	1159.6	1130.6	1101.6	1068.5	1031.2	985.7
-62.5°	1242.4	1196.9	1151.3	1126.5	1097.5	1064.3	1035.4	1006.4	973.2	936.0	894.5
-65°	1172.0	1118.2	1060.2	1035.4	1006.4	973.2	936.0	915.3	886.3	853.1	811.7
-67.5°	1085.0	1027.1	977.4	948.4	919.4	890.4	857.3	836.6	807.6	766.2	724.7
-70°	956.7	919.4	886.3	861.4	836.6	811.7	778.6	745.5	712.3	675.0	637.8
-72.5°	795.2	782.7	778.6	766.2	737.2	708.2	675.0	641.9	612.9	583.9	554.9
-75°	641.9	650.2	658.5	654.3	625.4	596.4	567.4	538.4	517.7	492.8	468.0
-77.5°	509.4	517.7	526.0	526.0	505.3	488.7	468.0	447.3	430.7	410.0	385.2
-80°	393.4	405.9	418.3	426.6	410.0	397.6	381.0	364.4	347.9	331.3	314.7
-82.5°	298.2	310.6	323.0	331.3	318.9	310.6	298.2	285.8	273.3	256.8	244.3
-85°	215.4	223.6	231.9	236.1	227.8	219.5	211.2	202.9	194.6	182.2	173.9
-87.5°	124.2	128.4	132.5	136.7	128.4	120.1	116.0	107.7	103.5	95.3	91.1
-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: P722321
 CATALOG NUMBER: IFLD-S-SA6E-940-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°	103.5	95.3	87.0	82.8	74.5	62.1	53.8	45.6	37.3	29.0	24.8
85°	219.5	198.8	173.9	161.5	144.9	128.4	111.8	95.3	78.7	62.1	45.6
82.5°	376.9	352.0	327.2	298.2	260.9	215.4	169.8	140.8	116.0	91.1	70.4
80°	567.4	521.8	480.4	443.1	401.7	343.7	281.6	223.6	157.4	120.1	91.1
77.5°	786.9	733.0	675.0	612.9	546.7	468.0	397.6	323.0	244.3	165.7	116.0
75°	1035.4	964.9	886.3	799.3	712.3	608.8	509.4	422.4	331.3	231.9	140.8
72.5°	1312.8	1225.9	1130.6	1014.6	878.0	757.9	637.8	521.8	414.1	294.0	190.5
70°	1669.0	1532.3	1391.5	1267.3	1093.3	902.8	762.0	629.5	492.8	360.3	240.2
67.5°	2050.0	1884.3	1714.5	1532.3	1312.8	1089.2	886.3	737.2	575.7	422.4	285.8
65°	2464.1	2257.1	2041.7	1838.8	1536.5	1271.4	1043.6	840.7	654.3	480.4	331.3
62.5°	2890.7	2646.4	2397.9	2132.8	1784.9	1457.8	1192.7	956.7	728.9	534.2	372.7
60°	3346.3	3060.5	2758.2	2426.9	2021.0	1660.7	1333.5	1076.8	807.6	588.1	418.3
57.5°	3826.7	3516.1	3159.9	2712.6	2265.3	1855.4	1495.0	1184.4	878.0	637.8	451.4
55°	4348.5	3992.3	3603.0	3010.8	2505.6	2050.0	1656.6	1292.1	952.5	679.2	484.5
52.5°	4911.7	4497.6	4004.7	3325.5	2758.2	2248.8	1805.7	1387.4	1022.9	724.7	513.5
50°	5541.2	5019.4	4356.8	3615.4	2977.7	2435.1	1954.7	1490.9	1080.9	774.4	538.4
47.5°	6195.5	5632.3	4671.5	3884.6	3201.3	2617.4	2108.0	1582.0	1138.9	815.9	563.2
45°	6878.9	6058.9	4998.7	4124.8	3396.0	2783.0	2223.9	1664.8	1209.3	853.1	583.9
42.5°	7553.9	6381.9	5284.4	4365.0	3578.2	2932.1	2319.2	1743.5	1267.3	890.4	604.6
40°	7872.8	6626.3	5512.2	4530.7	3731.4	3064.6	2402.0	1813.9	1317.0	915.3	625.4
37.5°	8005.3	6775.3	5661.3	4688.1	3851.5	3135.0	2472.4	1876.1	1358.4	940.1	641.9
35°	8034.3	6829.2	5735.8	4795.7	3950.9	3201.3	2526.3	1921.6	1391.5	964.9	658.5
32.5°	7980.5	6812.6	5756.6	4833.0	4013.0	3251.0	2563.5	1954.7	1416.4	989.8	675.0
30°	7860.4	6725.6	5682.0	4828.9	4058.6	3280.0	2588.4	1979.6	1441.2	1006.4	683.3
27.5°	7665.7	6572.4	5586.8	4833.0	4083.4	3292.4	2600.8	1992.0	1457.8	1018.8	699.9
25°	7425.5	6365.3	5590.9	4824.7	4087.6	3296.6	2600.8	1992.0	1461.9	1022.9	712.3
22.5°	7148.1	6365.3	5590.9	4812.3	4062.7	3288.3	2588.4	1983.7	1461.9	1031.2	724.7
20°	7164.6	6369.5	5578.5	4787.5	4025.4	3263.4	2559.4	1963.0	1449.5	1043.6	733.0
17.5°	7177.1	6361.2	5553.6	4754.3	3975.8	3222.0	2522.1	1934.0	1449.5	1056.1	737.2
15°	7177.1	6336.4	5516.4	4704.6	3913.6	3164.0	2468.3	1909.2	1453.6	1060.2	745.5
12.5°	7164.6	6290.8	5458.4	4638.4	3839.1	3093.6	2435.1	1900.9	1453.6	1064.3	745.5
10°	7139.8	6228.7	5383.8	4555.5	3768.7	3068.8	2418.6	1884.3	1445.4	1064.3	745.5
7.5°	7094.2	6154.1	5321.7	4505.9	3727.3	3039.8	2393.7	1859.5	1432.9	1056.1	753.7
5°	7023.8	6112.7	5272.0	4447.9	3669.3	3019.1	2377.2	1838.8	1424.6	1056.1	745.5
2.5°	6932.7	6063.0	5214.0	4373.3	3603.0	2948.7	2323.3	1793.2	1395.7	1039.5	737.2
0°	6783.6	5963.6	5114.6	4269.8	3511.9	2878.3	2269.5	1747.7	1366.7	1022.9	728.9
-2.5°	6647.0	5831.1	4986.3	4162.1	3424.9	2816.2	2228.1	1722.8	1354.2	1018.8	724.7
-5°	6456.5	5648.9	4816.5	4021.3	3309.0	2754.0	2186.7	1693.8	1341.8	1010.5	724.7
-7.5°	6245.2	5458.4	4638.4	3876.4	3193.0	2646.4	2108.0	1648.3	1312.8	993.9	720.6
-10°	5918.1	5172.6	4414.7	3710.7	3068.8	2551.1	2041.7	1606.9	1288.0	977.4	704.0
-12.5°	5570.2	4857.9	4158.0	3507.8	2928.0	2451.7	1967.2	1561.3	1259.0	960.8	695.8
-15°	5201.6	4534.8	3888.8	3296.6	2774.7	2331.6	1888.5	1511.6	1230.0	940.1	683.3
-17.5°	4816.5	4195.2	3611.3	3081.2	2621.5	2207.4	1805.7	1466.1	1196.9	919.4	670.9
-20°	4410.6	3847.4	3329.7	2861.7	2460.0	2083.1	1718.7	1412.2	1159.6	894.5	654.3



REPORT NUMBER: P722321

CATALOG NUMBER: IFLD-S-SA6E-940-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	4008.9	3503.6	3039.8	2646.4	2294.3	1954.7	1631.7	1358.4	1118.2	865.6	641.9
-25°	3652.7	3180.6	2783.0	2439.3	2132.8	1830.5	1540.6	1304.5	1072.6	836.6	625.4
-27.5°	3304.8	2903.1	2530.4	2244.6	1975.5	1710.4	1453.6	1246.6	1027.1	803.4	608.8
-30°	2981.8	2638.1	2331.6	2054.1	1826.4	1602.7	1379.1	1188.6	977.4	770.3	588.1
-32.5°	2687.8	2410.3	2153.5	1888.5	1685.6	1495.0	1308.7	1130.6	927.7	737.2	567.4
-35°	2414.4	2199.1	1975.5	1751.8	1544.7	1395.7	1234.1	1068.5	882.1	699.9	546.7
-37.5°	2170.1	1996.2	1818.1	1627.6	1449.5	1300.4	1163.7	1006.4	836.6	666.8	526.0
-40°	1958.9	1818.1	1660.7	1507.5	1358.4	1217.6	1093.3	944.2	791.0	641.9	505.3
-42.5°	1764.2	1656.6	1528.2	1399.8	1267.3	1143.0	1022.9	878.0	745.5	612.9	484.5
-45°	1615.1	1507.5	1403.9	1288.0	1176.2	1068.5	948.4	820.0	704.0	579.8	463.8
-47.5°	1474.3	1379.1	1283.8	1188.6	1097.5	998.1	878.0	770.3	658.5	550.8	447.3
-50°	1350.1	1259.0	1176.2	1093.3	1014.6	919.4	807.6	720.6	621.2	521.8	426.6
-52.5°	1234.1	1155.5	1072.6	1006.4	940.1	844.8	753.7	670.9	583.9	488.7	405.9
-55°	1130.6	1056.1	981.5	919.4	857.3	774.4	699.9	629.5	546.7	463.8	385.2
-57.5°	1031.2	969.1	898.7	840.7	778.6	712.3	650.2	583.9	509.4	439.0	364.4
-60°	940.1	882.1	820.0	762.0	708.2	654.3	596.4	542.5	476.3	410.0	343.7
-62.5°	849.0	799.3	745.5	687.5	646.1	596.4	550.8	497.0	443.1	385.2	306.5
-65°	766.2	720.6	670.9	621.2	583.9	546.7	505.3	455.6	410.0	356.2	273.3
-67.5°	683.3	641.9	600.5	559.1	526.0	497.0	455.6	418.3	381.0	323.0	240.2
-70°	604.6	571.5	534.2	501.1	476.3	443.1	414.1	381.0	347.9	281.6	202.9
-72.5°	530.1	497.0	468.0	443.1	422.4	393.4	368.6	343.7	298.2	236.1	169.8
-75°	443.1	422.4	405.9	385.2	364.4	343.7	323.0	294.0	248.5	190.5	132.5
-77.5°	364.4	352.0	339.6	323.0	306.5	289.9	265.1	236.1	198.8	149.1	107.7
-80°	298.2	285.8	277.5	260.9	248.5	231.9	207.1	182.2	144.9	116.0	87.0
-82.5°	227.8	219.5	211.2	202.9	190.5	173.9	149.1	128.4	107.7	87.0	66.3
-85°	161.5	157.4	149.1	140.8	128.4	116.0	99.4	87.0	74.5	58.0	45.6
-87.5°	82.8	78.7	74.5	70.4	66.3	58.0	49.7	41.4	37.3	29.0	20.7
-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: P722321
 CATALOG NUMBER: IFLD-S-SA6E-940-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	16.6	12.4	4.1	0.0
85°	33.1	20.7	8.3	0.0
82.5°	49.7	33.1	12.4	0.0
80°	66.3	41.4	20.7	0.0
77.5°	82.8	49.7	24.8	0.0
75°	99.4	62.1	29.0	0.0
72.5°	111.8	70.4	33.1	0.0
70°	132.5	82.8	37.3	0.0
67.5°	165.7	91.1	41.4	0.0
65°	194.6	99.4	45.6	0.0
62.5°	227.8	107.7	49.7	0.0
60°	256.8	116.0	53.8	0.0
57.5°	285.8	136.7	58.0	0.0
55°	310.6	153.2	62.1	0.0
52.5°	339.6	169.8	66.3	0.0
50°	364.4	186.4	70.4	0.0
47.5°	385.2	202.9	70.4	0.0
45°	401.7	215.4	74.5	0.0
42.5°	414.1	227.8	78.7	0.0
40°	426.6	240.2	82.8	0.0
37.5°	439.0	252.6	82.8	0.0
35°	451.4	265.1	87.0	0.0
32.5°	463.8	277.5	87.0	0.0
30°	472.1	285.8	91.1	0.0
27.5°	484.5	294.0	91.1	0.0
25°	488.7	302.3	95.3	0.0
22.5°	497.0	306.5	95.3	0.0
20°	505.3	314.7	95.3	0.0
17.5°	509.4	318.9	99.4	0.0
15°	509.4	323.0	103.5	0.0
12.5°	513.5	327.2	103.5	0.0
10°	513.5	335.5	99.4	0.0
7.5°	521.8	331.3	99.4	0.0
5°	517.7	331.3	99.4	0.0
2.5°	513.5	327.2	99.4	0.0
0°	509.4	327.2	99.4	0.0
-2.5°	509.4	327.2	99.4	0.0
-5°	509.4	327.2	99.4	0.0
-7.5°	505.3	331.3	99.4	0.0
-10°	497.0	331.3	99.4	0.0
-12.5°	492.8	318.9	99.4	0.0
-15°	488.7	314.7	99.4	0.0
-17.5°	480.4	310.6	95.3	0.0
-20°	472.1	306.5	95.3	0.0



REPORT NUMBER: P722321

CATALOG NUMBER: IFLD-S-SA6E-940-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	463.8	298.2	95.3	0.0
-25°	455.6	289.9	91.1	0.0
-27.5°	447.3	281.6	91.1	0.0
-30°	434.8	273.3	87.0	0.0
-32.5°	422.4	265.1	87.0	0.0
-35°	414.1	252.6	82.8	0.0
-37.5°	401.7	240.2	82.8	0.0
-40°	389.3	227.8	78.7	0.0
-42.5°	376.9	215.4	74.5	0.0
-45°	360.3	202.9	74.5	0.0
-47.5°	347.9	190.5	70.4	0.0
-50°	327.2	173.9	66.3	0.0
-52.5°	302.3	157.4	62.1	0.0
-55°	277.5	144.9	58.0	0.0
-57.5°	252.6	128.4	58.0	0.0
-60°	227.8	111.8	53.8	0.0
-62.5°	202.9	103.5	49.7	0.0
-65°	178.1	95.3	45.6	0.0
-67.5°	149.1	82.8	41.4	0.0
-70°	124.2	74.5	37.3	0.0
-72.5°	107.7	66.3	33.1	0.0
-75°	91.1	58.0	29.0	0.0
-77.5°	78.7	49.7	24.8	0.0
-80°	62.1	37.3	16.6	0.0
-82.5°	45.6	29.0	12.4	0.0
-85°	29.0	20.7	8.3	0.0
-87.5°	16.6	8.3	4.1	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)