

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: P722262

Luminaire Tested: **IFLD-S-SA6D-930-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722262
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6D-930-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (96) 3000K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

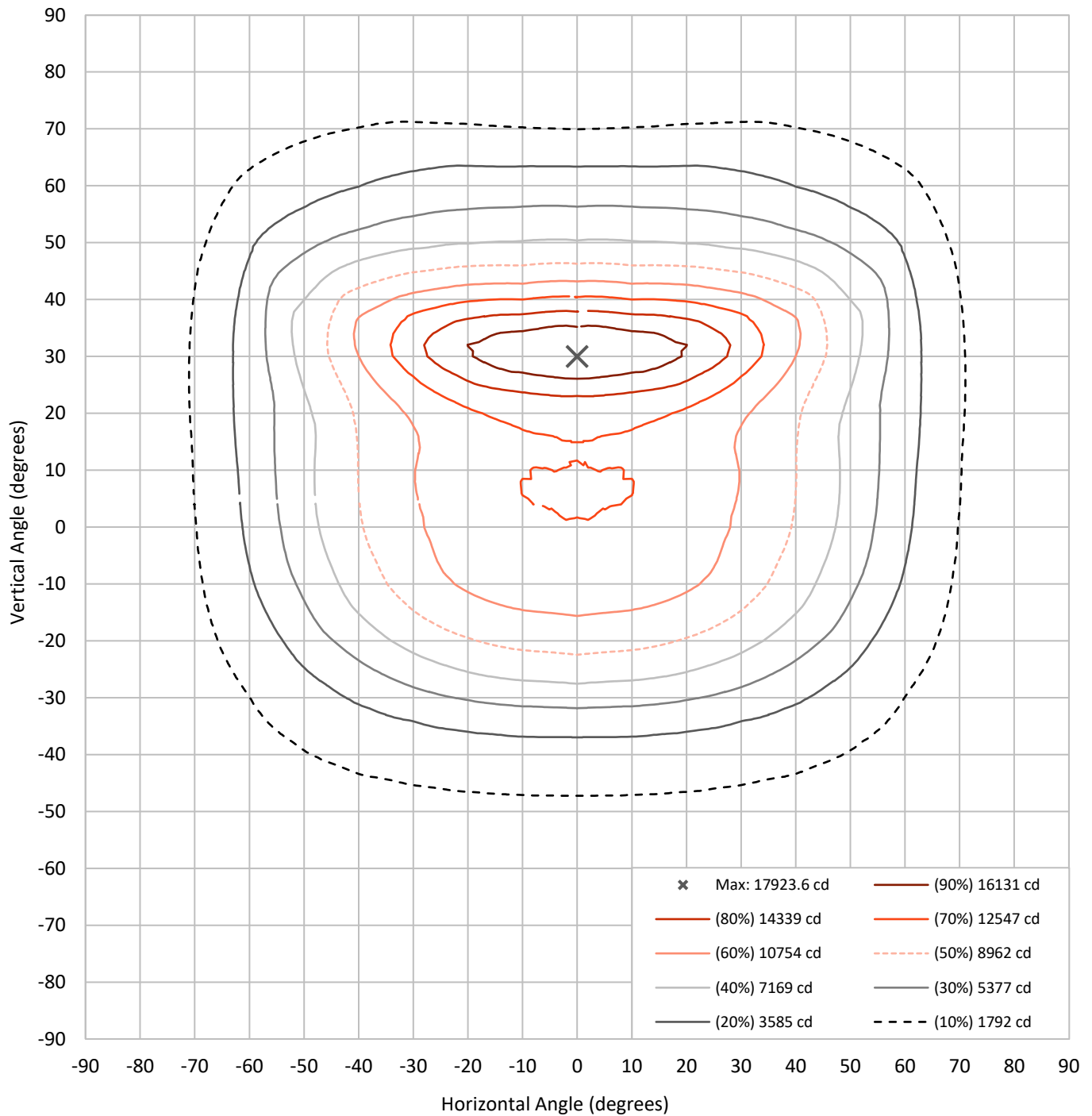
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	29918.9 lumens	Max Intensity:	17923.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	81.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	17398.2 lumens	Field Lumens:	28037.9 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 368.2
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: P722262
CATALOG NUMBER: IFLD-S-SA6D-930-U-76

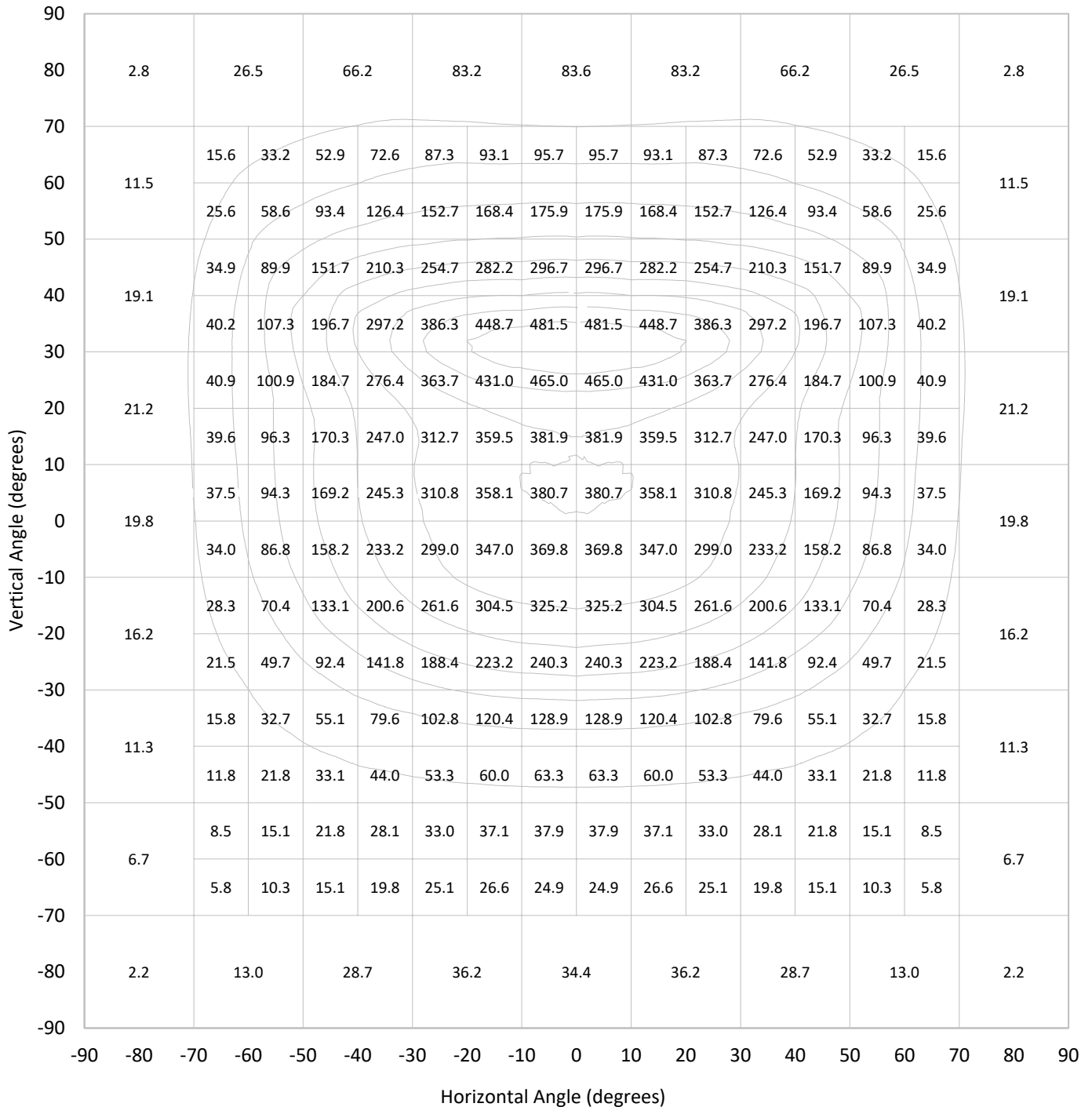
Iso-Candela Plot





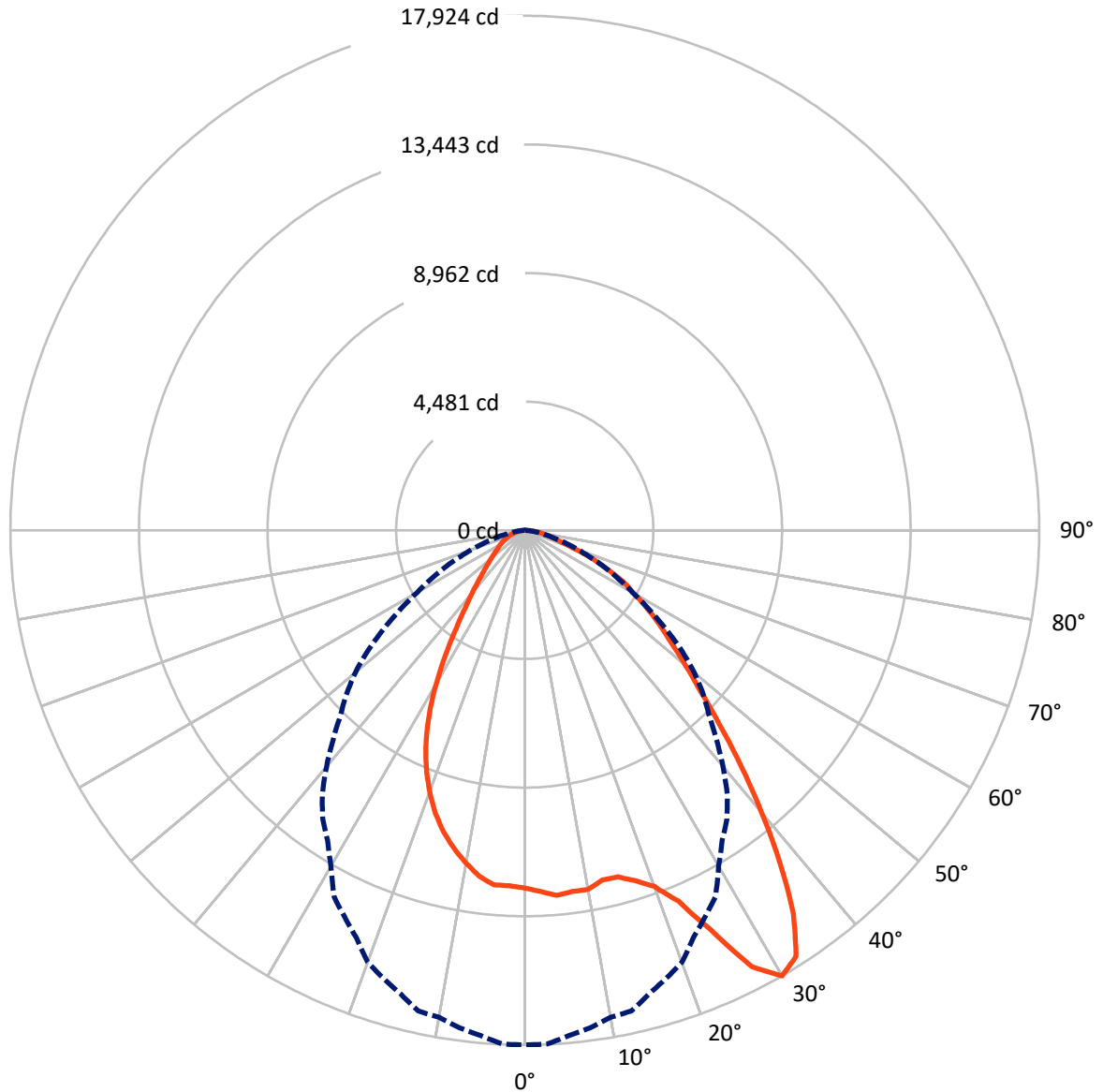
REPORT NUMBER: P722262
 CATALOG NUMBER: IFLD-S-SA6D-930-U-76

Lumen Table



REPORT NUMBER: P722262
CATALOG NUMBER: IFLD-S-SA6D-930-U-76

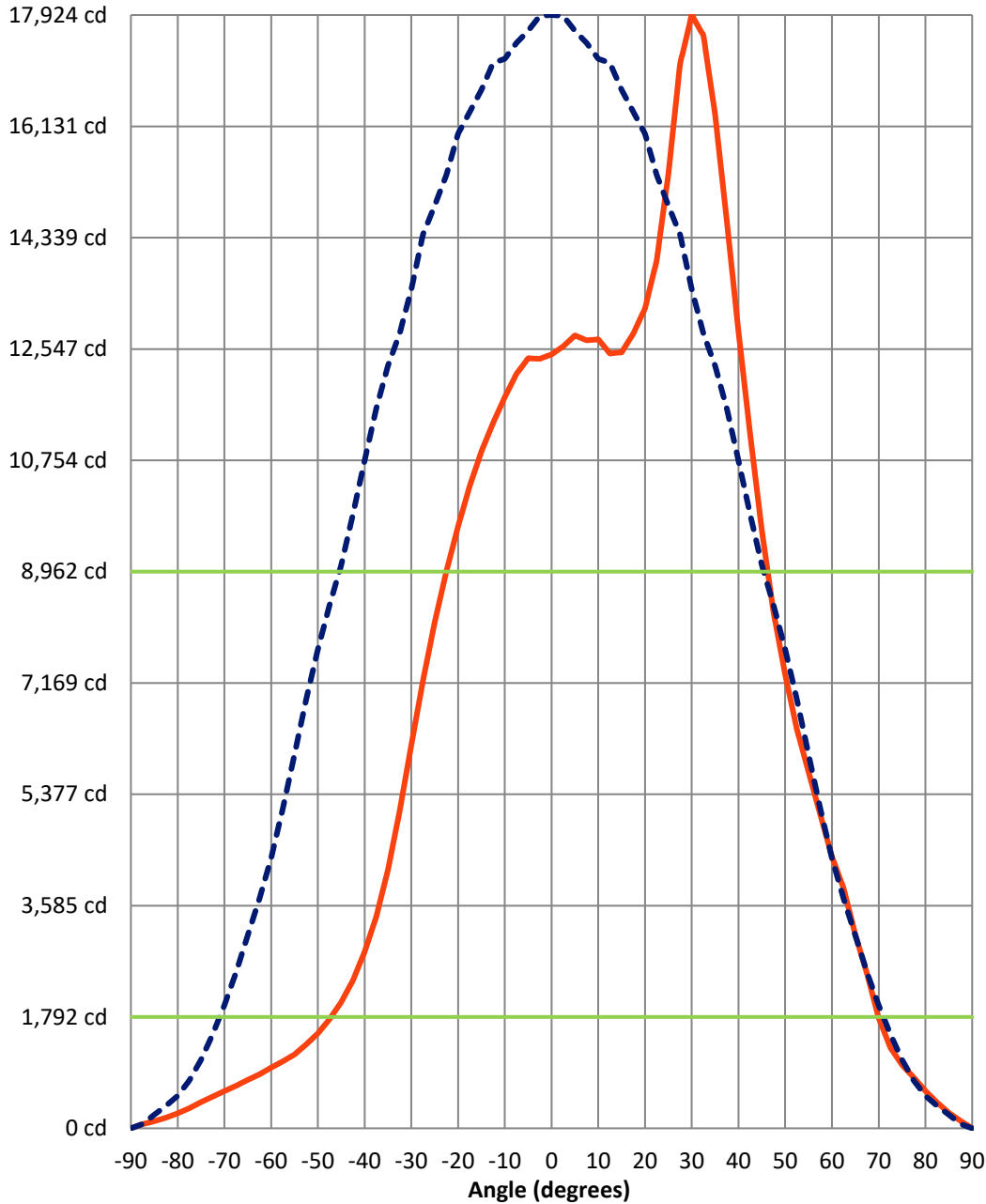
Luminous Intensity Polar Plot



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

REPORT NUMBER: P722262
 CATALOG NUMBER: IFLD-S-SA6D-930-U-76

Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 17398.2
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 28037.9
 Efficiency: 93.7%

Spill:
 Lumens: 1881
 Efficiency: 6.3%

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



REPORT NUMBER: P722262
 CATALOG NUMBER: IFLD-S-SA6D-930-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°	120.4	123.6	126.8	126.8	123.6	123.6	123.6	120.4	123.6	123.6	123.6
85°	250.4	256.7	263.1	259.9	256.7	250.4	244.1	247.2	250.4	253.6	253.6
82.5°	415.2	424.7	431.1	427.9	421.5	415.2	408.9	412.0	418.4	421.5	421.5
80°	602.2	605.4	608.5	614.9	605.4	605.4	602.2	614.9	621.2	627.6	633.9
77.5°	817.7	820.9	820.9	824.1	827.2	830.4	830.4	852.6	868.4	878.0	887.5
75°	1020.6	1030.1	1039.6	1049.1	1061.8	1068.1	1077.6	1109.3	1134.7	1153.7	1172.7
72.5°	1299.5	1312.2	1328.0	1350.2	1372.4	1388.2	1410.4	1448.5	1477.0	1496.0	1518.2
70°	1778.1	1790.8	1806.6	1822.5	1844.7	1860.5	1882.7	1930.2	1958.8	1971.4	1984.1
67.5°	2488.1	2519.8	2548.3	2516.6	2500.7	2478.6	2484.9	2529.3	2557.8	2576.8	2573.6
65°	3118.8	3141.0	3141.0	3137.8	3125.1	3096.6	3112.5	3166.3	3198.0	3213.9	3166.3
62.5°	3860.5	3860.5	3844.6	3870.0	3873.1	3854.1	3844.6	3847.8	3850.9	3860.5	3781.2
60°	4373.9	4405.6	4415.1	4437.3	4443.6	4443.6	4459.5	4472.2	4472.2	4453.2	4361.2
57.5°	5052.2	5112.4	5125.1	5109.2	5077.5	5036.3	5030.0	5011.0	4973.0	4934.9	4890.5
55°	5736.8	5768.5	5765.3	5755.8	5724.1	5676.6	5682.9	5657.6	5597.3	5549.8	5489.6
52.5°	6424.6	6500.7	6513.3	6494.3	6449.9	6399.2	6402.4	6373.9	6313.7	6262.9	6180.5
50°	7302.5	7365.9	7359.6	7327.9	7264.5	7226.5	7229.6	7175.8	7106.0	7090.2	6982.4
47.5°	8307.3	8380.2	8367.5	8323.1	8237.5	8221.7	8237.5	8167.8	8126.6	8091.7	7965.0
45°	9625.8	9711.4	9663.8	9578.2	9442.0	9457.8	9480.0	9467.3	9378.6	9286.6	9125.0
42.5°	11172.5	11226.4	11169.3	11083.8	10912.6	10944.3	10931.6	10855.6	10801.7	10649.5	10443.5
40°	12827.0	12944.3	12855.5	12722.4	12544.9	12592.4	12557.6	12459.3	12332.5	12142.4	11882.5
37.5°	14611.4	14703.3	14601.9	14446.6	14288.1	14272.3	14202.6	14050.4	13869.8	13660.6	13245.4
35°	16319.8	16557.5	16370.5	16123.3	15929.9	15857.0	15790.5	15438.7	15232.6	14893.5	14326.2
32.5°	17590.8	17765.1	17533.7	17277.0	17042.4	16941.0	16706.5	16288.1	16177.2	15464.0	14944.2
30°	17923.6	17910.9	17670.0	17473.5	17219.9	17150.2	16719.1	16364.2	16009.2	15349.9	14855.5
27.5°	17131.2	17051.9	16820.6	16649.4	16399.0	16316.6	15891.9	15701.7	15153.4	14595.6	14177.2
25°	15365.8	15407.0	15232.6	15147.1	14982.3	14804.8	14636.8	14380.0	14037.7	13549.6	13166.1
22.5°	13974.3	14028.2	13955.3	13853.9	13727.1	13628.9	13502.1	13302.4	12972.8	12671.7	12310.4
20°	13201.0	13185.1	13121.8	13045.7	12925.2	12855.5	12716.1	12548.1	12294.5	12034.6	11644.8
17.5°	12795.3	12697.0	12636.8	12608.3	12544.9	12456.2	12291.3	12120.2	11923.7	11628.9	11343.7
15°	12494.2	12510.0	12462.5	12440.3	12389.6	12266.0	12098.0	11958.5	11692.3	11543.3	11283.4
12.5°	12475.2	12459.3	12462.5	12453.0	12389.6	12231.1	12145.5	11968.1	11796.9	11600.4	11302.5
10°	12700.2	12532.2	12544.9	12589.3	12487.8	12361.1	12269.2	12075.8	11914.2	11663.8	11369.0
7.5°	12687.5	12602.0	12627.3	12554.4	12586.1	12430.8	12304.0	12110.7	11907.8	11641.6	11375.4
5°	12763.6	12633.6	12611.5	12617.8	12538.6	12421.3	12250.1	12066.3	11876.1	11578.2	11305.6
2.5°	12589.3	12608.3	12506.9	12468.8	12459.3	12262.8	12104.3	11926.8	11730.3	11467.3	11223.2
0°	12459.3	12494.2	12389.6	12335.7	12332.5	12164.6	12063.1	11860.3	11720.8	11502.1	11207.4
-2.5°	12389.6	12430.8	12443.5	12345.2	12250.1	12120.2	11949.0	11730.3	11502.1	11248.6	10995.0
-5°	12395.9	12313.5	12278.7	12310.4	12228.0	12098.0	11907.8	11714.5	11489.5	11216.9	10899.9
-7.5°	12145.5	12063.1	12056.8	12040.9	12021.9	11898.3	11739.8	11530.7	11302.5	11048.9	10754.1
-10°	11771.5	11711.3	11695.5	11679.6	11628.9	11556.0	11407.0	11216.9	11010.9	10757.3	10443.5
-12.5°	11356.3	11327.8	11267.6	11226.4	11175.7	11090.1	10947.5	10773.1	10567.1	10342.1	10072.7
-15°	10896.8	10842.9	10782.7	10747.8	10674.9	10573.5	10430.8	10269.2	10044.2	9822.3	9568.7
-17.5°	10342.1	10275.5	10209.0	10199.5	10148.8	9993.4	9860.3	9663.8	9467.3	9255.0	9007.7
-20°	9689.2	9597.3	9552.9	9527.5	9457.8	9343.7	9201.1	9020.4	8830.2	8627.4	8342.1



REPORT NUMBER: P722262
 CATALOG NUMBER: IFLD-S-SA6D-930-U-76

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	8966.5	8887.3	8811.2	8763.7	8703.5	8614.7	8478.4	8320.0	8132.9	7904.7	7641.7
-25°	8145.6	8034.7	7987.2	7933.3	7901.6	7819.2	7686.0	7540.3	7346.9	7125.0	6874.7
-27.5°	7207.5	7118.7	7093.4	7017.3	6979.3	6893.7	6782.7	6646.5	6469.0	6259.8	6053.8
-30°	6171.0	6117.1	6075.9	5999.9	5971.3	5879.4	5806.5	5692.4	5530.8	5381.8	5217.0
-32.5°	5106.1	5052.2	5039.5	5004.6	4985.6	4925.4	4843.0	4760.6	4630.6	4519.7	4386.6
-35°	4161.6	4123.5	4126.7	4123.5	4104.5	4060.1	3958.7	3936.5	3841.4	3740.0	3654.4
-37.5°	3407.2	3410.4	3407.2	3404.0	3378.7	3359.7	3286.8	3258.3	3201.2	3102.9	3052.2
-40°	2839.9	2846.2	2843.0	2836.7	2808.2	2798.7	2751.1	2713.1	2690.9	2621.2	2567.3
-42.5°	2380.3	2389.8	2386.6	2383.5	2364.5	2361.3	2335.9	2291.6	2278.9	2237.7	2180.6
-45°	2031.7	2028.5	2022.1	2028.5	2019.0	2009.5	1993.6	1965.1	1949.2	1930.2	1882.7
-47.5°	1755.9	1759.1	1752.7	1752.7	1740.1	1730.5	1724.2	1705.2	1692.5	1676.7	1648.1
-50°	1527.7	1540.4	1537.2	1534.0	1524.5	1518.2	1518.2	1499.2	1480.2	1473.8	1454.8
-52.5°	1350.2	1359.7	1362.9	1369.2	1372.4	1375.6	1366.1	1347.0	1315.3	1312.2	1302.7
-55°	1188.6	1217.1	1236.1	1248.8	1261.5	1271.0	1252.0	1226.6	1194.9	1182.2	1179.1
-57.5°	1077.6	1106.2	1128.3	1147.4	1163.2	1179.1	1160.0	1134.7	1106.2	1090.3	1087.1
-60°	976.2	1001.6	1023.8	1049.1	1071.3	1096.6	1087.1	1068.1	1052.3	1039.6	1026.9
-62.5°	868.4	893.8	919.2	950.9	979.4	1004.7	1007.9	1004.7	1001.6	1004.7	982.5
-65°	779.7	792.4	808.2	843.1	874.8	903.3	919.2	928.7	944.5	960.4	938.2
-67.5°	684.6	700.5	719.5	744.8	770.2	789.2	811.4	836.7	862.1	887.5	871.6
-70°	599.0	611.7	627.6	640.2	656.1	668.8	687.8	716.3	744.8	770.2	763.9
-72.5°	510.3	523.0	532.5	538.8	548.3	554.7	564.2	589.5	608.5	621.2	621.2
-75°	421.5	434.2	443.7	446.9	453.2	456.4	462.7	472.3	481.8	484.9	488.1
-77.5°	323.3	336.0	345.5	351.8	358.2	364.5	367.7	374.0	377.2	377.2	380.3
-80°	240.9	250.4	256.7	266.2	269.4	275.7	282.1	285.3	288.4	288.4	291.6
-82.5°	171.2	177.5	183.8	190.2	196.5	199.7	206.0	209.2	212.4	215.5	218.7
-85°	114.1	120.4	126.8	133.1	136.3	139.5	142.6	145.8	149.0	152.1	155.3
-87.5°	66.6	69.7	72.9	79.2	82.4	88.7	91.9	88.7	91.9	91.9	91.9
-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: P722262
 CATALOG NUMBER: IFLD-S-SA6D-930-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°	123.6	123.6	123.6	123.6	120.4	114.1	110.9	104.6	98.3	91.9	85.6
85°	256.7	259.9	259.9	259.9	253.6	250.4	240.9	231.4	218.7	199.7	183.8
82.5°	427.9	431.1	431.1	427.9	421.5	412.0	399.4	383.5	358.2	332.8	310.6
80°	643.4	646.6	646.6	643.4	627.6	611.7	595.9	576.8	545.2	510.3	472.3
77.5°	900.1	906.5	906.5	897.0	874.8	855.8	830.4	798.7	751.2	700.5	649.7
75°	1198.1	1213.9	1217.1	1207.6	1179.1	1144.2	1103.0	1049.1	976.2	912.8	852.6
72.5°	1543.5	1559.4	1572.1	1559.4	1518.2	1470.7	1410.4	1347.0	1274.1	1188.6	1087.1
70°	1996.8	2012.6	2022.1	1980.9	1908.0	1828.8	1755.9	1683.0	1597.4	1492.8	1381.9
67.5°	2567.3	2551.5	2532.4	2450.0	2358.1	2263.0	2161.6	2053.8	1942.9	1832.0	1702.0
65°	3115.6	3071.3	3030.0	2931.8	2814.5	2690.9	2573.6	2453.2	2320.1	2180.6	2057.0
62.5°	3692.5	3597.4	3496.0	3375.5	3255.1	3118.8	3001.5	2858.9	2709.9	2538.8	2380.3
60°	4259.8	4145.7	4044.3	3895.3	3736.8	3553.0	3426.2	3286.8	3112.5	2928.6	2741.6
57.5°	4808.1	4684.5	4573.6	4443.6	4272.5	4072.8	3933.4	3752.7	3568.9	3337.5	3147.3
55°	5391.3	5267.7	5179.0	5033.2	4846.2	4662.3	4510.2	4320.0	4063.3	3816.1	3581.5
52.5°	6060.1	5961.8	5866.8	5717.8	5492.8	5305.8	5137.8	4925.4	4656.0	4351.7	4069.6
50°	6808.1	6757.4	6656.0	6481.6	6224.9	6060.1	5838.2	5556.1	5267.7	4947.6	4595.8
47.5°	7800.2	7717.7	7575.1	7384.9	7169.4	6922.2	6624.3	6294.6	5885.8	5530.8	5156.8
45°	8985.5	8833.4	8649.6	8392.8	8126.6	7847.7	7521.2	7102.9	6554.5	6091.8	5698.8
42.5°	10269.2	10063.2	9812.8	9476.8	9131.3	8789.0	8437.2	7866.7	7182.1	6649.6	6205.9
40°	11609.9	11346.8	11033.0	10544.9	10161.4	9720.9	9318.3	8465.7	7736.8	7159.9	6687.7
37.5°	12922.1	12589.3	12063.1	11470.4	11023.5	10662.2	9777.9	8865.1	8212.2	7578.3	7099.7
35°	13926.8	13644.7	12716.1	12101.2	11717.7	11147.1	10041.0	9106.0	8415.0	7888.9	7144.1
32.5°	14522.7	13793.7	12979.1	12357.9	12040.9	11105.9	10060.0	9175.7	8510.1	7920.6	7030.0
30°	14389.6	13508.4	12795.3	12275.5	11587.7	10747.8	9882.5	9068.0	8421.4	7708.2	6903.2
27.5°	13587.7	12906.2	12269.2	11727.2	11052.1	10297.7	9499.0	8782.7	8180.5	7489.5	6728.9
25°	12681.2	12063.1	11590.9	11118.6	10478.4	9758.9	9055.3	8538.6	7933.3	7251.8	6500.7
22.5°	11847.6	11403.9	11033.0	10538.6	9914.2	9286.6	8849.3	8313.6	7692.4	7001.4	6266.1
20°	11315.1	11014.0	10589.3	10044.2	9552.9	9159.9	8674.9	8107.6	7467.4	6744.7	6066.4
17.5°	11058.4	10709.8	10237.5	9882.5	9505.3	9074.3	8532.3	7930.1	7248.7	6627.4	6088.6
15°	10925.3	10557.6	10247.0	9898.4	9473.7	9020.4	8418.2	7793.8	7248.7	6675.0	6104.5
12.5°	10953.8	10636.9	10297.7	9917.4	9461.0	8976.0	8430.9	7850.9	7286.7	6709.8	6107.6
10°	11042.6	10709.8	10348.4	9926.9	9467.3	8988.7	8465.7	7885.7	7305.7	6725.7	6101.3
7.5°	11074.3	10712.9	10326.2	9901.5	9451.5	8982.4	8472.1	7895.2	7308.9	6722.5	6082.3
5°	10976.0	10649.5	10275.5	9847.7	9407.1	8950.7	8446.7	7882.6	7283.5	6690.8	6034.7
2.5°	10842.9	10579.8	10221.7	9809.6	9362.7	8906.3	8405.5	7825.5	7226.5	6633.8	5974.5
0°	10820.7	10494.2	10132.9	9765.2	9289.8	8808.1	8310.4	7717.7	7121.9	6526.0	5869.9
-2.5°	10674.9	10329.4	9968.1	9568.7	9150.4	8665.4	8142.5	7562.4	6972.9	6386.6	5755.8
-5°	10564.0	10180.5	9796.9	9365.9	8944.3	8459.4	7917.4	7353.3	6776.4	6205.9	5597.3
-7.5°	10415.0	10022.0	9619.4	9169.4	8713.0	8218.5	7682.9	7118.7	6551.4	5984.0	5400.8
-10°	10113.9	9768.4	9391.2	8925.3	8443.6	7949.1	7416.6	6862.0	6294.6	5721.0	5134.6
-12.5°	9749.4	9384.9	8972.9	8545.0	8113.9	7654.4	7121.9	6576.7	6006.2	5429.4	4846.2
-15°	9277.1	8919.0	8497.4	8079.1	7663.9	7223.3	6754.2	6262.9	5682.9	5115.6	4532.4
-17.5°	8687.6	8351.6	7974.5	7575.1	7163.1	6719.4	6262.9	5847.7	5305.8	4773.3	4196.4
-20°	8053.7	7739.9	7400.8	7023.6	6611.6	6177.4	5746.3	5312.1	4843.0	4373.9	3838.3



REPORT NUMBER: P722262
 CATALOG NUMBER: IFLD-S-SA6D-930-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	7394.5	7077.5	6735.2	6383.4	6003.0	5600.5	5201.2	4786.0	4373.9	3949.2	3496.0
-25°	6633.8	6354.9	6041.1	5698.8	5359.6	5007.8	4627.5	4250.3	3898.5	3530.8	3160.0
-27.5°	5838.2	5581.5	5296.2	4998.3	4706.7	4412.0	4082.3	3733.7	3442.1	3137.8	2830.4
-30°	5001.5	4795.5	4564.1	4304.2	4079.2	3841.4	3565.7	3277.3	3011.0	2779.7	2532.4
-32.5°	4209.1	4034.8	3870.0	3698.8	3476.9	3293.1	3102.9	2890.6	2656.0	2437.3	2259.9
-35°	3527.7	3340.7	3270.9	3144.1	2985.7	2824.0	2684.6	2532.4	2354.9	2161.6	2015.8
-37.5°	2954.0	2843.0	2744.8	2675.1	2570.5	2440.5	2329.6	2218.7	2082.4	1936.6	1790.8
-40°	2507.1	2431.0	2323.2	2288.4	2221.8	2133.1	2019.0	1933.4	1841.5	1730.5	1606.9
-42.5°	2148.9	2091.9	2022.1	1961.9	1933.4	1870.0	1781.3	1698.9	1626.0	1549.9	1454.8
-45°	1854.2	1816.1	1771.8	1717.9	1695.7	1645.0	1581.6	1489.7	1448.5	1385.1	1315.3
-47.5°	1616.4	1597.4	1565.7	1530.9	1499.2	1461.1	1404.1	1347.0	1290.0	1248.8	1194.9
-50°	1429.4	1416.8	1397.8	1369.2	1328.0	1302.7	1264.6	1213.9	1160.0	1125.2	1087.1
-52.5°	1280.5	1267.8	1255.1	1232.9	1201.2	1175.9	1144.2	1103.0	1058.6	1023.8	992.1
-55°	1166.4	1147.4	1137.9	1118.8	1093.5	1065.0	1036.4	1007.9	969.9	938.2	906.5
-57.5°	1077.6	1052.3	1039.6	1023.8	998.4	969.9	947.7	919.2	893.8	858.9	830.4
-60°	1007.9	979.4	954.0	938.2	916.0	887.5	865.3	843.1	817.7	789.2	754.3
-62.5°	950.9	916.0	881.1	862.1	839.9	814.6	792.4	770.2	744.8	716.3	684.6
-65°	897.0	855.8	811.4	792.4	770.2	744.8	716.3	700.5	678.3	652.9	621.2
-67.5°	830.4	786.0	748.0	725.8	703.6	681.4	656.1	640.2	618.1	586.4	554.7
-70°	732.2	703.6	678.3	659.3	640.2	621.2	595.9	570.5	545.2	516.6	488.1
-72.5°	608.5	599.0	595.9	586.4	564.2	542.0	516.6	491.3	469.1	446.9	424.7
-75°	491.3	497.6	504.0	500.8	478.6	456.4	434.2	412.0	396.2	377.2	358.2
-77.5°	389.8	396.2	402.5	402.5	386.7	374.0	358.2	342.3	329.6	313.8	294.8
-80°	301.1	310.6	320.1	326.5	313.8	304.3	291.6	278.9	266.2	253.6	240.9
-82.5°	228.2	237.7	247.2	253.6	244.1	237.7	228.2	218.7	209.2	196.5	187.0
-85°	164.8	171.2	177.5	180.7	174.3	168.0	161.6	155.3	149.0	139.5	133.1
-87.5°	95.1	98.3	101.4	104.6	98.3	91.9	88.7	82.4	79.2	72.9	69.7
-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: P722262
 CATALOG NUMBER: IFLD-S-SA6D-930-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°	79.2	72.9	66.6	63.4	57.1	47.5	41.2	34.9	28.5	22.2	19.0
85°	168.0	152.1	133.1	123.6	110.9	98.3	85.6	72.9	60.2	47.5	34.9
82.5°	288.4	269.4	250.4	228.2	199.7	164.8	129.9	107.8	88.7	69.7	53.9
80°	434.2	399.4	367.7	339.1	307.4	263.1	215.5	171.2	120.4	91.9	69.7
77.5°	602.2	561.0	516.6	469.1	418.4	358.2	304.3	247.2	187.0	126.8	88.7
75°	792.4	738.5	678.3	611.7	545.2	465.9	389.8	323.3	253.6	177.5	107.8
72.5°	1004.7	938.2	865.3	776.5	671.9	580.0	488.1	399.4	317.0	225.0	145.8
70°	1277.3	1172.7	1065.0	969.9	836.7	691.0	583.2	481.8	377.2	275.7	183.8
67.5°	1568.9	1442.1	1312.2	1172.7	1004.7	833.6	678.3	564.2	440.6	323.3	218.7
65°	1885.9	1727.4	1562.6	1407.3	1175.9	973.0	798.7	643.4	500.8	367.7	253.6
62.5°	2212.3	2025.3	1835.1	1632.3	1366.1	1115.7	912.8	732.2	557.8	408.9	285.3
60°	2561.0	2342.3	2110.9	1857.3	1546.7	1271.0	1020.6	824.1	618.1	450.1	320.1
57.5°	2928.6	2690.9	2418.3	2076.0	1733.7	1419.9	1144.2	906.5	671.9	488.1	345.5
55°	3328.0	3055.4	2757.5	2304.2	1917.6	1568.9	1267.8	988.9	729.0	519.8	370.8
52.5°	3759.0	3442.1	3064.9	2545.1	2110.9	1721.0	1381.9	1061.8	782.9	554.7	393.0
50°	4240.8	3841.4	3334.3	2767.0	2278.9	1863.7	1496.0	1141.0	827.2	592.7	412.0
47.5°	4741.6	4310.5	3575.2	2973.0	2450.0	2003.1	1613.3	1210.8	871.6	624.4	431.1
45°	5264.5	4637.0	3825.6	3156.8	2599.0	2129.9	1702.0	1274.1	925.5	652.9	446.9
42.5°	5781.2	4884.2	4044.3	3340.7	2738.5	2244.0	1774.9	1334.4	969.9	681.4	462.7
40°	6025.2	5071.2	4218.6	3467.4	2855.7	2345.4	1838.3	1388.2	1007.9	700.5	478.6
37.5°	6126.7	5185.3	4332.7	3587.9	2947.6	2399.3	1892.2	1435.8	1039.6	719.5	491.3
35°	6148.8	5226.5	4389.8	3670.3	3023.7	2450.0	1933.4	1470.7	1065.0	738.5	504.0
32.5°	6107.6	5213.8	4405.6	3698.8	3071.3	2488.1	1961.9	1496.0	1084.0	757.5	516.6
30°	6015.7	5147.3	4348.6	3695.6	3106.1	2510.2	1980.9	1515.0	1103.0	770.2	523.0
27.5°	5866.8	5030.0	4275.7	3698.8	3125.1	2519.8	1990.4	1524.5	1115.7	779.7	535.6
25°	5682.9	4871.5	4278.8	3692.5	3128.3	2522.9	1990.4	1524.5	1118.8	782.9	545.2
22.5°	5470.6	4871.5	4278.8	3683.0	3109.3	2516.6	1980.9	1518.2	1118.8	789.2	554.7
20°	5483.2	4874.7	4269.3	3663.9	3080.8	2497.6	1958.8	1502.3	1109.3	798.7	561.0
17.5°	5492.8	4868.4	4250.3	3638.6	3042.7	2465.9	1930.2	1480.2	1109.3	808.2	564.2
15°	5492.8	4849.3	4221.8	3600.6	2995.2	2421.5	1889.0	1461.1	1112.5	811.4	570.5
12.5°	5483.2	4814.5	4177.4	3549.8	2938.1	2367.6	1863.7	1454.8	1112.5	814.6	570.5
10°	5464.2	4766.9	4120.4	3486.5	2884.2	2348.6	1851.0	1442.1	1106.2	814.6	570.5
7.5°	5429.4	4709.9	4072.8	3448.4	2852.6	2326.4	1832.0	1423.1	1096.6	808.2	576.8
5°	5375.5	4678.2	4034.8	3404.0	2808.2	2310.6	1819.3	1407.3	1090.3	808.2	570.5
2.5°	5305.8	4640.2	3990.4	3347.0	2757.5	2256.7	1778.1	1372.4	1068.1	795.5	564.2
0°	5191.6	4564.1	3914.3	3267.8	2687.7	2202.8	1736.9	1337.5	1045.9	782.9	557.8
-2.5°	5087.1	4462.7	3816.1	3185.4	2621.2	2155.3	1705.2	1318.5	1036.4	779.7	554.7
-5°	4941.3	4323.2	3686.1	3077.6	2532.4	2107.7	1673.5	1296.3	1026.9	773.4	554.7
-7.5°	4779.6	4177.4	3549.8	2966.7	2443.7	2025.3	1613.3	1261.5	1004.7	760.7	551.5
-10°	4529.2	3958.7	3378.7	2839.9	2348.6	1952.4	1562.6	1229.8	985.7	748.0	538.8
-12.5°	4263.0	3717.8	3182.2	2684.6	2240.8	1876.3	1505.5	1194.9	963.5	735.3	532.5
-15°	3980.9	3470.6	2976.2	2522.9	2123.6	1784.4	1445.3	1156.9	941.3	719.5	523.0
-17.5°	3686.1	3210.7	2763.8	2358.1	2006.3	1689.3	1381.9	1122.0	916.0	703.6	513.5
-20°	3375.5	2944.5	2548.3	2190.1	1882.7	1594.3	1315.3	1080.8	887.5	684.6	500.8



REPORT NUMBER: P722262
 CATALOG NUMBER: IFLD-S-SA6D-930-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3068.1	2681.4	2326.4	2025.3	1755.9	1496.0	1248.8	1039.6	855.8	662.4	491.3
-25°	2795.5	2434.2	2129.9	1866.8	1632.3	1400.9	1179.1	998.4	820.9	640.2	478.6
-27.5°	2529.3	2221.8	1936.6	1717.9	1511.9	1309.0	1112.5	954.0	786.0	614.9	465.9
-30°	2282.0	2019.0	1784.4	1572.1	1397.8	1226.6	1055.4	909.6	748.0	589.5	450.1
-32.5°	2057.0	1844.7	1648.1	1445.3	1290.0	1144.2	1001.6	865.3	710.0	564.2	434.2
-35°	1847.8	1683.0	1511.9	1340.7	1182.2	1068.1	944.5	817.7	675.1	535.6	418.4
-37.5°	1660.8	1527.7	1391.4	1245.6	1109.3	995.2	890.6	770.2	640.2	510.3	402.5
-40°	1499.2	1391.4	1271.0	1153.7	1039.6	931.8	836.7	722.6	605.4	491.3	386.7
-42.5°	1350.2	1267.8	1169.5	1071.3	969.9	874.8	782.9	671.9	570.5	469.1	370.8
-45°	1236.1	1153.7	1074.5	985.7	900.1	817.7	725.8	627.6	538.8	443.7	355.0
-47.5°	1128.3	1055.4	982.5	909.6	839.9	763.9	671.9	589.5	504.0	421.5	342.3
-50°	1033.3	963.5	900.1	836.7	776.5	703.6	618.1	551.5	475.4	399.4	326.5
-52.5°	944.5	884.3	820.9	770.2	719.5	646.6	576.8	513.5	446.9	374.0	310.6
-55°	865.3	808.2	751.2	703.6	656.1	592.7	535.6	481.8	418.4	355.0	294.8
-57.5°	789.2	741.7	687.8	643.4	595.9	545.2	497.6	446.9	389.8	336.0	278.9
-60°	719.5	675.1	627.6	583.2	542.0	500.8	456.4	415.2	364.5	313.8	263.1
-62.5°	649.7	611.7	570.5	526.1	494.4	456.4	421.5	380.3	339.1	294.8	234.5
-65°	586.4	551.5	513.5	475.4	446.9	418.4	386.7	348.6	313.8	272.6	209.2
-67.5°	523.0	491.3	459.6	427.9	402.5	380.3	348.6	320.1	291.6	247.2	183.8
-70°	462.7	437.4	408.9	383.5	364.5	339.1	317.0	291.6	266.2	215.5	155.3
-72.5°	405.7	380.3	358.2	339.1	323.3	301.1	282.1	263.1	228.2	180.7	129.9
-75°	339.1	323.3	310.6	294.8	278.9	263.1	247.2	225.0	190.2	145.8	101.4
-77.5°	278.9	269.4	259.9	247.2	234.5	221.9	202.8	180.7	152.1	114.1	82.4
-80°	228.2	218.7	212.4	199.7	190.2	177.5	158.5	139.5	110.9	88.7	66.6
-82.5°	174.3	168.0	161.6	155.3	145.8	133.1	114.1	98.3	82.4	66.6	50.7
-85°	123.6	120.4	114.1	107.8	98.3	88.7	76.1	66.6	57.1	44.4	34.9
-87.5°	63.4	60.2	57.1	53.9	50.7	44.4	38.0	31.7	28.5	22.2	15.8
-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: P722262
 CATALOG NUMBER: IFLD-S-SA6D-930-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	12.7	9.5	3.2	0.0
85°	25.4	15.8	6.3	0.0
82.5°	38.0	25.4	9.5	0.0
80°	50.7	31.7	15.8	0.0
77.5°	63.4	38.0	19.0	0.0
75°	76.1	47.5	22.2	0.0
72.5°	85.6	53.9	25.4	0.0
70°	101.4	63.4	28.5	0.0
67.5°	126.8	69.7	31.7	0.0
65°	149.0	76.1	34.9	0.0
62.5°	174.3	82.4	38.0	0.0
60°	196.5	88.7	41.2	0.0
57.5°	218.7	104.6	44.4	0.0
55°	237.7	117.3	47.5	0.0
52.5°	259.9	129.9	50.7	0.0
50°	278.9	142.6	53.9	0.0
47.5°	294.8	155.3	53.9	0.0
45°	307.4	164.8	57.1	0.0
42.5°	317.0	174.3	60.2	0.0
40°	326.5	183.8	63.4	0.0
37.5°	336.0	193.3	63.4	0.0
35°	345.5	202.8	66.6	0.0
32.5°	355.0	212.4	66.6	0.0
30°	361.3	218.7	69.7	0.0
27.5°	370.8	225.0	69.7	0.0
25°	374.0	231.4	72.9	0.0
22.5°	380.3	234.5	72.9	0.0
20°	386.7	240.9	72.9	0.0
17.5°	389.8	244.1	76.1	0.0
15°	389.8	247.2	79.2	0.0
12.5°	393.0	250.4	79.2	0.0
10°	393.0	256.7	76.1	0.0
7.5°	399.4	253.6	76.1	0.0
5°	396.2	253.6	76.1	0.0
2.5°	393.0	250.4	76.1	0.0
0°	389.8	250.4	76.1	0.0
-2.5°	389.8	250.4	76.1	0.0
-5°	389.8	250.4	76.1	0.0
-7.5°	386.7	253.6	76.1	0.0
-10°	380.3	253.6	76.1	0.0
-12.5°	377.2	244.1	76.1	0.0
-15°	374.0	240.9	76.1	0.0
-17.5°	367.7	237.7	72.9	0.0
-20°	361.3	234.5	72.9	0.0



REPORT NUMBER: P722262

CATALOG NUMBER: IFLD-S-SA6D-930-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	355.0	228.2	72.9	0.0
-25°	348.6	221.9	69.7	0.0
-27.5°	342.3	215.5	69.7	0.0
-30°	332.8	209.2	66.6	0.0
-32.5°	323.3	202.8	66.6	0.0
-35°	317.0	193.3	63.4	0.0
-37.5°	307.4	183.8	63.4	0.0
-40°	297.9	174.3	60.2	0.0
-42.5°	288.4	164.8	57.1	0.0
-45°	275.7	155.3	57.1	0.0
-47.5°	266.2	145.8	53.9	0.0
-50°	250.4	133.1	50.7	0.0
-52.5°	231.4	120.4	47.5	0.0
-55°	212.4	110.9	44.4	0.0
-57.5°	193.3	98.3	44.4	0.0
-60°	174.3	85.6	41.2	0.0
-62.5°	155.3	79.2	38.0	0.0
-65°	136.3	72.9	34.9	0.0
-67.5°	114.1	63.4	31.7	0.0
-70°	95.1	57.1	28.5	0.0
-72.5°	82.4	50.7	25.4	0.0
-75°	69.7	44.4	22.2	0.0
-77.5°	60.2	38.0	19.0	0.0
-80°	47.5	28.5	12.7	0.0
-82.5°	34.9	22.2	9.5	0.0
-85°	22.2	15.8	6.3	0.0
-87.5°	12.7	6.3	3.2	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)