

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: P722603

Luminaire Tested: **IFLD-S-SA3B-830-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722603
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3B-830-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (48) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

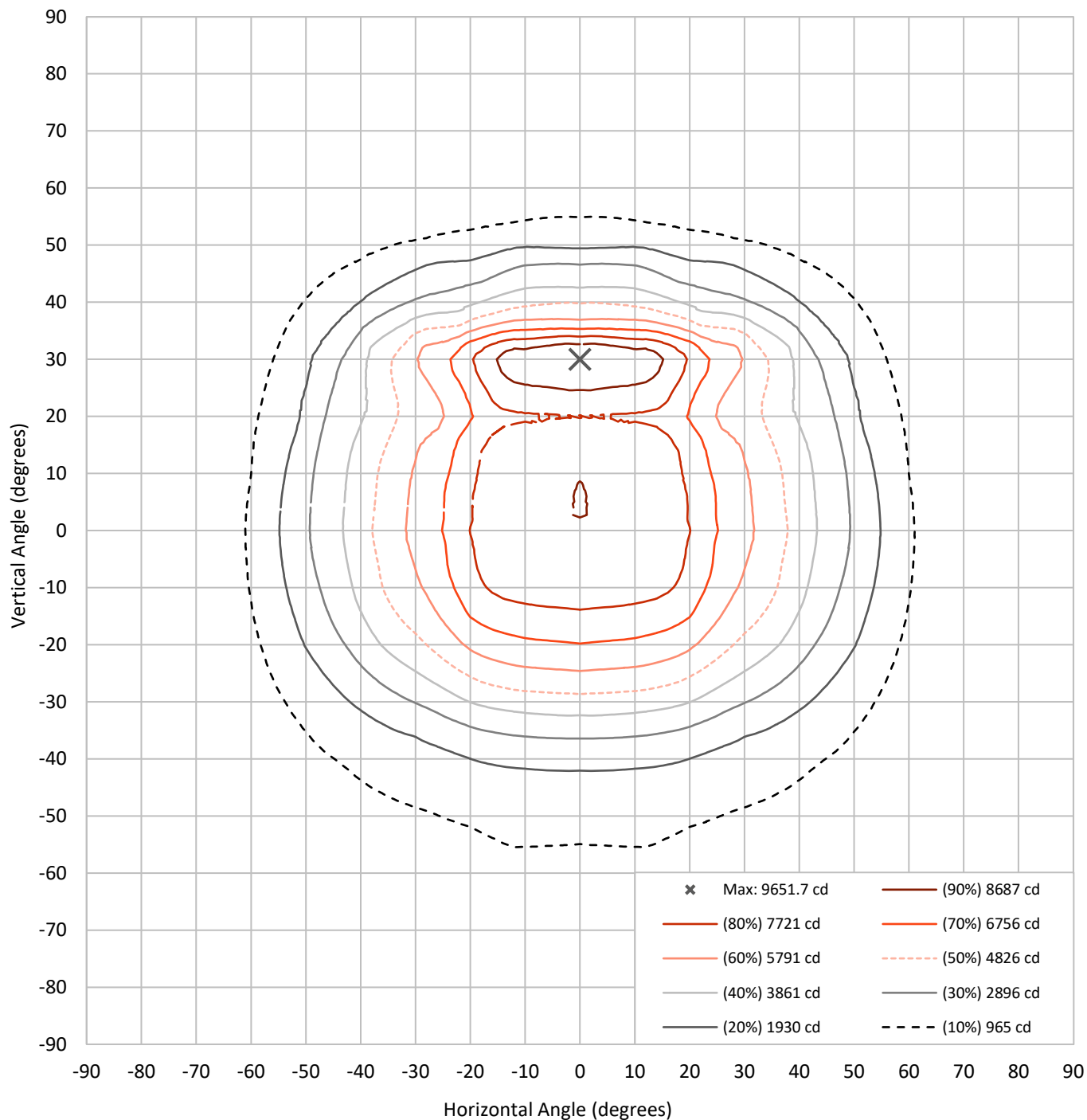
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	13825.4 lumens	Max Intensity:	9651.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	113.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	8820 lumens	Field Lumens:	13034.3 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	122.4		
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: P722603

CATALOG NUMBER: IFLD-S-SA3B-830-U-76-VI

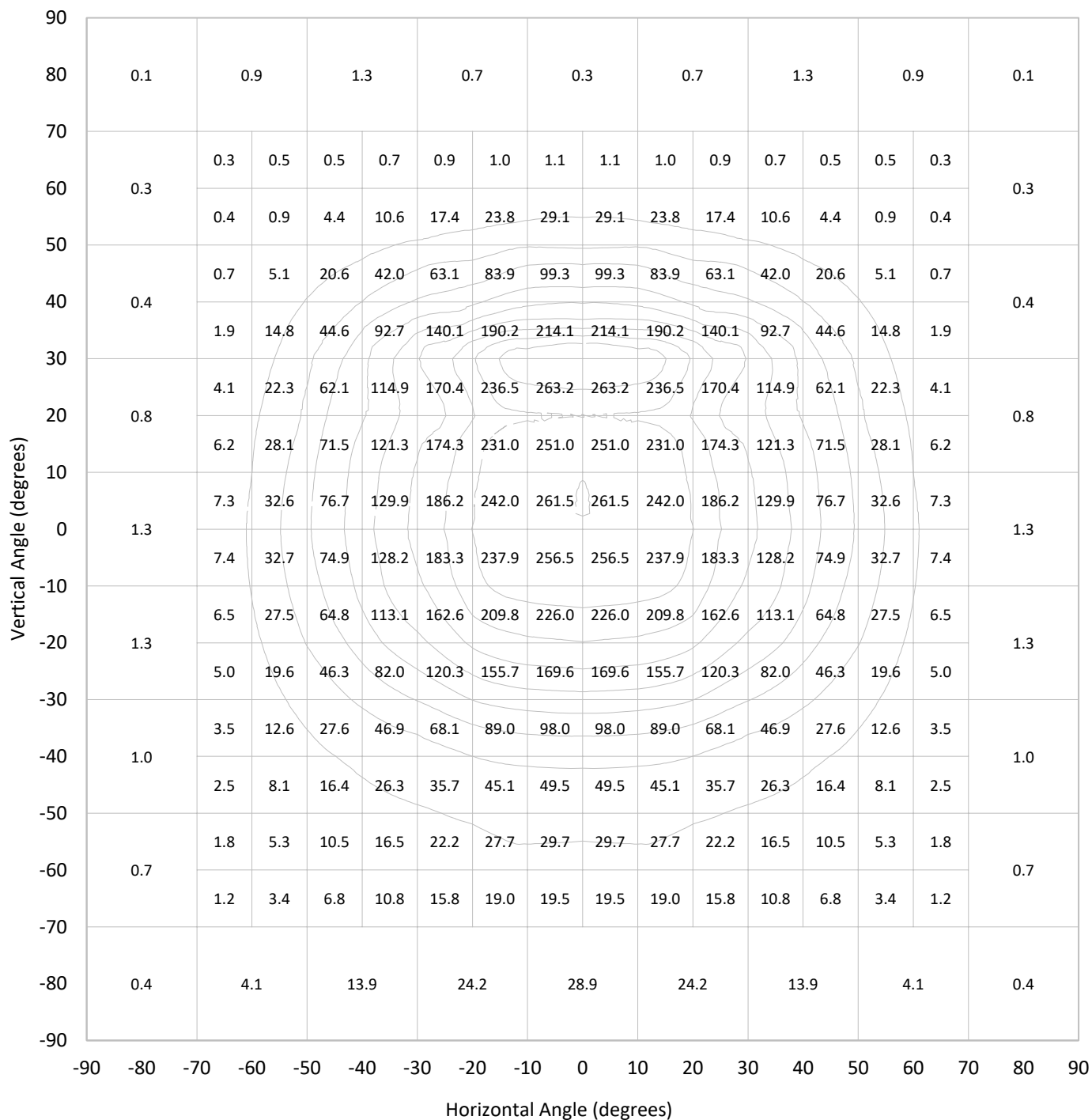
Iso-Candela Plot



REPORT NUMBER: P722603

CATALOG NUMBER: IFLD-S-SA3B-830-U-76-VI

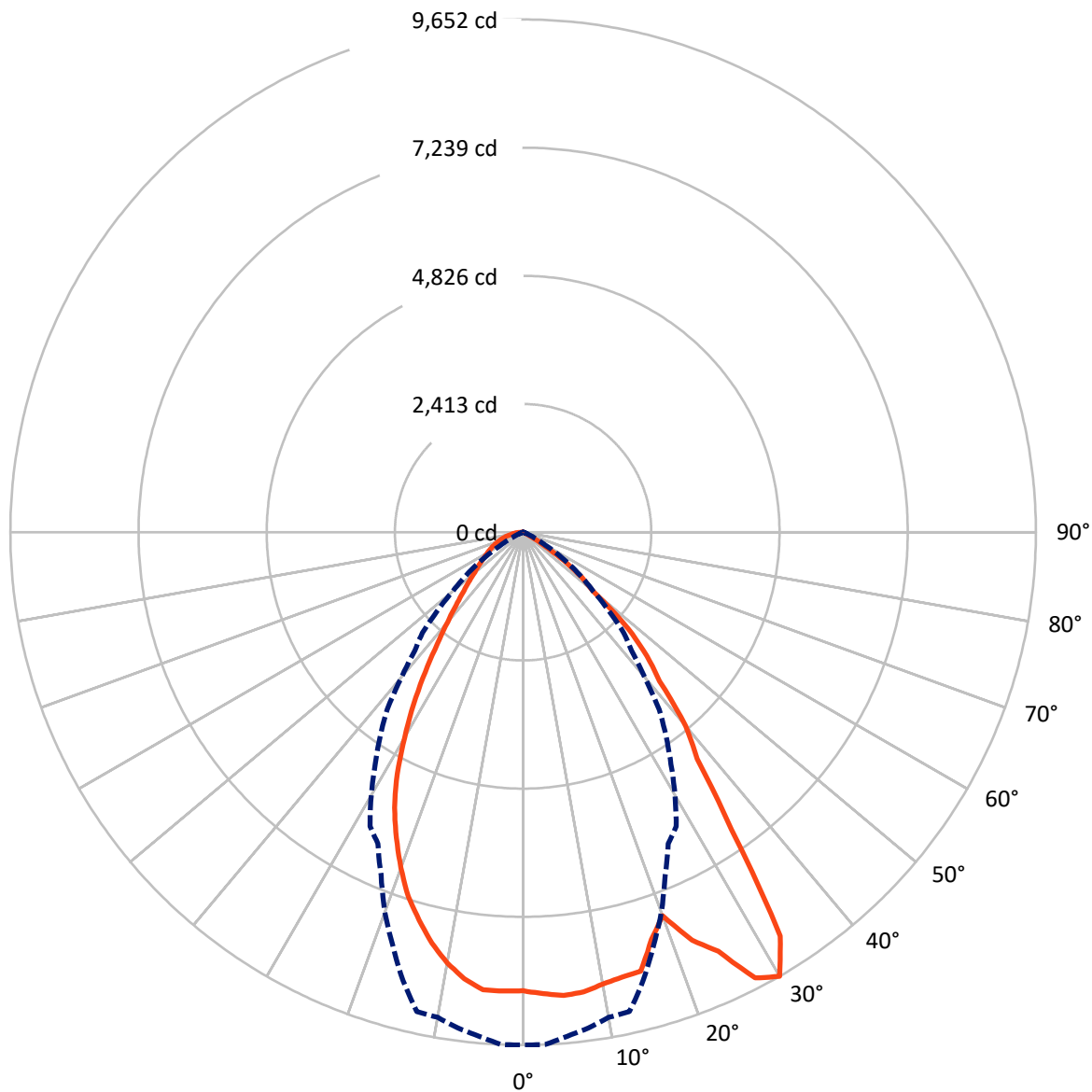
Lumen Table



REPORT NUMBER: P722603

CATALOG NUMBER: IFLD-S-SA3B-830-U-76-VI

Luminous Intensity Polar Plot

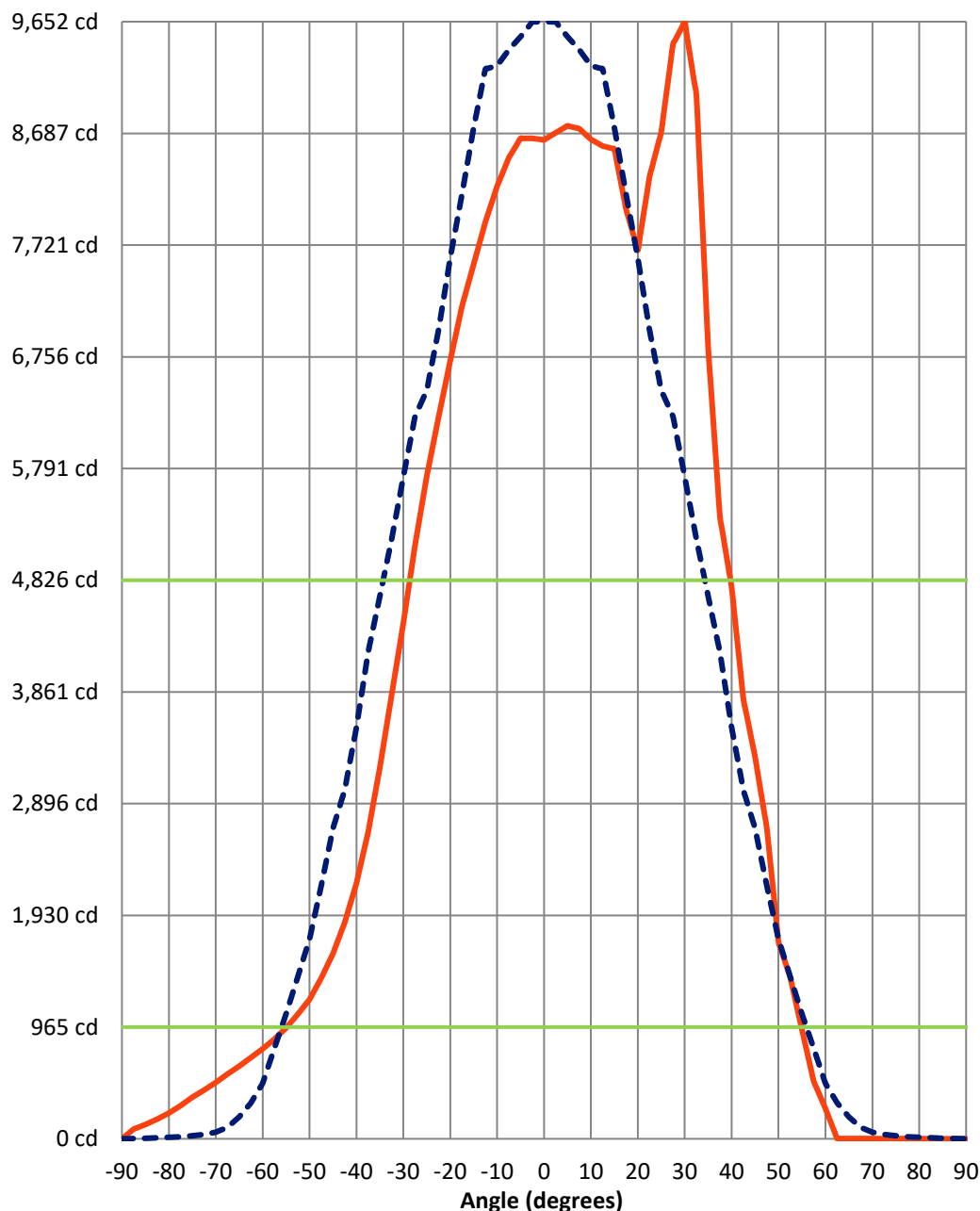


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

REPORT NUMBER: P722603

CATALOG NUMBER: IFLD-S-SA3B-830-U-76-VI

Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 8820

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 13034.3

Efficiency: 94.3%

Spill:

Lumens: 791.1

Efficiency: 5.7%

— Vertical Distribution through 0-Deg

- - Horizontal Distribution through 30-Deg

REPORT NUMBER: P722603

CATALOG NUMBER: IFLD-S-SA3B-830-U-76-VI

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°	0.0	0.0	0.0	0.0	2.2	2.2	2.2	2.2	2.2	2.2	2.2
85°	0.0	2.2	2.2	2.2	4.4	4.4	4.4	4.4	4.4	4.4	6.6
82.5°	0.0	2.2	2.2	2.2	4.4	4.4	4.4	4.4	6.6	6.6	8.8
80°	2.2	2.2	2.2	2.2	4.4	4.4	4.4	6.6	6.6	8.8	8.8
77.5°	2.2	2.2	2.2	4.4	4.4	4.4	6.6	6.6	8.8	8.8	11.0
75°	2.2	2.2	2.2	4.4	4.4	6.6	6.6	6.6	8.8	8.8	11.0
72.5°	0.0	2.2	2.2	4.4	4.4	6.6	6.6	6.6	8.8	8.8	8.8
70°	2.2	2.2	2.2	4.4	4.4	6.6	6.6	6.6	8.8	8.8	8.8
67.5°	2.2	2.2	2.2	4.4	4.4	6.6	6.6	8.8	8.8	8.8	11.0
65°	2.2	2.2	2.2	4.4	6.6	6.6	8.8	11.0	11.0	13.2	15.4
62.5°	2.2	4.4	4.4	6.6	8.8	11.0	24.2	37.4	37.4	26.4	22.0
60°	261.9	283.9	281.7	255.3	222.3	187.1	180.5	173.9	160.7	140.9	147.5
57.5°	497.4	523.9	534.9	528.3	510.6	479.8	462.2	442.4	416.0	385.2	350.0
55°	942.1	953.1	928.9	882.6	832.0	781.4	763.8	737.4	697.7	658.1	605.3
52.5°	1393.3	1430.7	1419.7	1373.5	1305.2	1215.0	1115.9	1038.9	992.7	948.7	895.8
50°	1701.4	1716.8	1747.6	1802.7	1822.5	1760.9	1600.2	1393.3	1245.8	1320.6	1263.4
47.5°	2685.3	2762.3	2746.9	2707.3	2641.3	2474.0	2249.5	2064.6	1910.5	1859.9	1868.7
45°	3299.4	3330.2	3319.2	3301.6	3270.8	3114.5	2865.8	2581.9	2438.8	2381.6	2322.1
42.5°	3803.4	3836.5	3843.1	3845.3	3812.2	3669.2	3444.7	3160.7	3017.7	2852.6	2722.7
40°	4765.3	4813.7	4758.7	4686.1	4576.0	4413.1	4193.0	3931.1	3678.0	3475.5	3321.4
37.5°	5379.4	5438.8	5460.8	5456.4	5432.2	5361.8	5091.1	4842.3	4455.0	4001.5	4083.0
35°	6836.5	6898.1	6880.5	6814.5	6779.3	6704.5	6440.3	6145.4	5658.9	5165.9	5033.8
32.5°	9009.0	9143.2	8892.3	8617.2	8447.7	8507.1	8238.6	7516.6	7292.1	6402.9	5991.3
30°	9651.7	9649.5	9521.8	9409.6	9270.9	9242.3	8736.0	8159.4	7609.1	6986.2	6466.7
27.5°	9455.8	9416.2	9308.3	9226.9	9097.0	9028.8	8533.5	8075.7	7439.6	6882.7	6380.9
25°	8700.8	8731.6	8621.6	8606.2	8555.5	8423.5	8177.0	7661.9	7094.0	6477.7	6116.8
22.5°	8311.2	8300.2	8168.2	8091.1	8152.8	8011.9	7912.8	7393.4	6801.3	6281.8	5848.2
20°	7677.3	7679.5	7646.5	7639.9	7602.5	7538.7	7459.4	7091.8	6673.6	6229.0	5707.4
17.5°	8031.7	8121.9	8161.6	7833.6	7926.0	7853.4	7769.8	7256.9	6942.2	6548.2	5868.0
15°	8551.1	8518.1	8478.5	8460.9	8410.3	8342.0	8190.2	7780.8	7239.3	6832.1	6301.7
12.5°	8577.6	8513.7	8498.3	8496.1	8443.3	8348.6	8201.2	7862.2	7382.4	6887.1	6455.7
10°	8634.8	8568.8	8560.0	8571.0	8489.5	8430.1	8282.6	7967.9	7426.4	6981.8	6574.6
7.5°	8727.2	8617.2	8667.8	8634.8	8597.4	8502.7	8344.2	8036.1	7587.1	7107.2	6680.2
5°	8751.4	8630.4	8685.4	8654.6	8599.6	8507.1	8335.4	8080.1	7686.1	7157.9	6722.1
2.5°	8692.0	8656.8	8632.6	8575.4	8551.1	8449.9	8287.0	8014.1	7639.9	7135.9	6713.3
0°	8630.4	8661.2	8606.2	8548.9	8537.9	8456.5	8317.8	8071.3	7747.8	7197.5	6788.1
-2.5°	8643.6	8619.4	8582.0	8522.5	8465.3	8348.6	8223.2	7992.1	7644.3	7063.2	6682.4
-5°	8643.6	8531.3	8535.7	8537.9	8480.7	8359.7	8207.8	8011.9	7582.7	7061.0	6651.6
-7.5°	8476.3	8379.5	8364.1	8350.8	8335.4	8223.2	8104.3	7860.0	7479.2	7003.8	6565.8
-10°	8229.8	8135.1	8143.9	8124.1	8075.7	8000.9	7910.6	7690.5	7378.0	6823.3	6391.9
-12.5°	7921.6	7879.8	7855.6	7822.6	7774.2	7708.1	7615.7	7408.8	7074.2	6601.0	6191.6
-15°	7556.3	7525.4	7503.4	7483.6	7413.2	7345.0	7223.9	7032.4	6823.3	6314.9	5896.7
-17.5°	7190.9	7113.8	7083.0	7056.6	7010.4	6900.3	6790.3	6647.2	6354.5	5951.7	5592.9
-20°	6722.1	6675.8	6638.4	6603.2	6537.2	6451.3	6361.1	6196.0	5942.9	5617.1	5245.1

REPORT NUMBER: P722603

CATALOG NUMBER: IFLD-S-SA3B-830-U-76-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	6231.2	6204.8	6174.0	6130.0	6086.0	6004.5	5879.1	5720.6	5522.5	5170.3	4822.5
-25°	5725.0	5674.4	5636.9	5595.1	5559.9	5485.1	5364.0	5212.1	4963.4	4659.7	4369.1
-27.5°	5128.5	5080.1	5060.3	5011.8	4981.0	4912.8	4791.7	4650.9	4426.3	4171.0	3876.1
-30°	4455.0	4463.8	4441.8	4395.5	4358.1	4270.1	4177.6	4058.8	3882.7	3638.4	3374.2
-32.5°	3832.1	3843.1	3816.7	3768.2	3719.8	3656.0	3570.1	3462.3	3330.2	3096.9	2868.0
-35°	3209.2	3204.8	3182.7	3154.1	3121.1	3068.3	2971.4	2890.0	2738.1	2575.2	2416.8
-37.5°	2650.1	2661.1	2654.5	2639.1	2601.7	2557.6	2478.4	2403.6	2291.3	2148.2	2025.0
-40°	2207.7	2220.9	2212.1	2196.7	2163.6	2137.2	2084.4	2018.4	1928.1	1804.9	1701.4
-42.5°	1868.7	1877.5	1866.5	1853.3	1824.7	1804.9	1763.1	1708.0	1633.2	1538.5	1446.1
-45°	1600.2	1602.4	1591.4	1582.6	1560.6	1536.3	1501.1	1457.1	1397.7	1331.6	1256.8
-47.5°	1388.9	1386.7	1375.7	1366.9	1349.3	1327.2	1298.6	1259.0	1212.8	1162.2	1102.7
-50°	1204.0	1215.0	1210.6	1201.8	1188.6	1173.2	1144.6	1102.7	1056.5	1019.1	977.3
-52.5°	1076.3	1078.5	1076.3	1076.3	1074.1	1063.1	1030.1	988.3	937.7	904.6	869.4
-55°	957.5	968.5	972.9	977.3	979.5	979.5	939.9	895.8	847.4	814.4	788.0
-57.5°	860.6	867.2	871.6	882.6	891.4	898.0	862.8	823.2	785.8	755.0	730.8
-60°	777.0	785.8	792.4	803.4	810.0	814.4	792.4	766.0	744.0	724.2	688.9
-62.5°	702.1	708.7	715.3	722.0	728.6	733.0	724.2	710.9	699.9	691.1	647.1
-65°	627.3	633.9	640.5	649.3	655.9	660.3	658.1	649.3	640.5	631.7	592.1
-67.5°	559.1	565.7	574.5	576.7	581.1	583.3	578.9	572.3	561.3	550.3	519.5
-70°	486.4	490.8	495.2	495.2	495.2	493.0	488.6	479.8	468.8	453.4	429.2
-72.5°	420.4	424.8	429.2	422.6	418.2	411.6	405.0	394.0	383.0	372.0	358.8
-75°	358.8	361.0	361.0	352.2	345.6	339.0	330.2	323.6	312.6	303.7	292.7
-77.5°	286.1	286.1	286.1	279.5	275.1	270.7	264.1	257.5	248.7	242.1	233.3
-80°	222.3	222.3	222.3	220.1	213.5	209.1	204.7	200.3	193.7	189.3	184.9
-82.5°	169.5	169.5	169.5	167.3	162.9	160.7	156.3	151.9	149.7	145.3	143.1
-85°	123.3	125.5	125.5	123.3	121.1	116.7	114.5	112.3	110.1	107.9	103.5
-87.5°	83.6	83.6	83.6	81.4	79.2	79.2	77.0	72.6	68.2	66.0	63.8
-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: P722603

CATALOG NUMBER: IFLD-S-SA3B-830-U-76-VI

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°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
85°	6.6	6.6	6.6	8.8	8.8	8.8	8.8	8.8	8.8	8.8	6.6
82.5°	11.0	11.0	13.2	13.2	15.4	15.4	15.4	15.4	15.4	15.4	15.4
80°	11.0	13.2	15.4	17.6	19.8	22.0	22.0	22.0	22.0	19.8	19.8
77.5°	13.2	13.2	15.4	17.6	19.8	22.0	24.2	26.4	24.2	24.2	24.2
75°	13.2	15.4	15.4	17.6	19.8	22.0	24.2	26.4	26.4	26.4	26.4
72.5°	11.0	13.2	15.4	17.6	17.6	19.8	22.0	22.0	24.2	24.2	26.4
70°	11.0	13.2	15.4	15.4	17.6	17.6	19.8	22.0	22.0	24.2	24.2
67.5°	13.2	15.4	15.4	17.6	19.8	19.8	19.8	22.0	22.0	24.2	24.2
65°	15.4	17.6	17.6	19.8	22.0	22.0	24.2	24.2	24.2	26.4	26.4
62.5°	26.4	26.4	26.4	24.2	26.4	26.4	26.4	28.6	28.6	26.4	28.6
60°	136.5	99.0	68.2	85.8	77.0	35.2	35.2	35.2	33.0	33.0	30.8
57.5°	321.4	299.3	257.5	217.9	195.9	173.9	107.9	44.0	44.0	39.6	35.2
55°	537.1	464.4	433.6	380.8	323.6	297.1	246.5	167.3	79.2	52.8	46.2
52.5°	832.0	763.8	684.5	576.7	499.6	438.0	396.2	314.8	211.3	112.3	70.4
50°	1113.7	1082.9	1034.5	928.9	768.2	664.7	596.5	504.0	378.6	231.1	132.1
47.5°	1793.9	1536.3	1380.1	1298.6	1164.4	968.5	836.4	733.0	581.1	389.6	233.3
45°	2258.3	2095.4	1846.7	1675.0	1476.9	1270.0	1098.3	979.5	799.0	583.3	365.4
42.5°	2656.7	2515.8	2291.3	2040.4	1831.3	1560.6	1340.4	1184.2	1032.3	796.8	545.9
40°	3169.5	3002.3	2786.6	2542.2	2297.9	1952.3	1595.8	1406.5	1239.2	1030.1	737.4
37.5°	4014.7	3719.8	3367.6	3096.9	2777.7	2485.0	1996.4	1661.8	1463.7	1245.8	961.9
35°	5031.6	4708.1	4120.4	3761.6	3334.6	2898.8	2458.6	1963.4	1681.6	1450.5	1168.8
32.5°	5978.1	5504.9	4752.1	4331.7	4047.8	3244.4	2788.8	2359.5	1906.1	1622.2	1287.6
30°	6240.0	5718.4	5179.1	4688.3	4204.0	3554.7	3015.5	2680.9	2187.9	1725.6	1399.9
27.5°	5975.9	5617.1	5198.9	4743.3	4219.4	3662.6	3154.1	2835.0	2394.8	1796.1	1487.9
25°	5707.4	5333.2	5040.4	4659.7	4175.4	3656.0	3158.5	2931.8	2555.4	1932.5	1536.3
22.5°	5423.4	5190.1	4948.0	4523.2	4065.4	3675.8	3301.6	3015.5	2639.1	2086.6	1556.2
20°	5438.8	5287.0	5020.6	4452.8	4045.6	3792.4	3473.3	3121.1	2729.3	2220.9	1571.6
17.5°	5685.4	5487.3	5152.7	4659.7	4223.8	3911.3	3616.4	3266.4	2821.8	2339.7	1758.7
15°	5989.1	5687.6	5337.6	4904.0	4410.9	4041.2	3726.4	3367.6	2927.4	2449.8	1925.9
12.5°	6209.2	5780.0	5452.0	5060.3	4613.4	4182.0	3799.0	3444.7	3026.5	2540.0	2051.4
10°	6284.0	5894.5	5507.1	5157.1	4716.9	4256.9	3854.1	3493.1	3112.3	2610.5	2143.8
7.5°	6323.7	5993.5	5544.5	5201.1	4778.5	4303.1	3898.1	3519.5	3180.5	2658.9	2203.3
5°	6319.3	6046.3	5573.1	5214.3	4811.5	4322.9	3928.9	3526.1	3229.0	2700.7	2238.5
2.5°	6299.5	6081.5	5619.3	5236.3	4877.6	4360.3	3988.3	3539.3	3246.6	2746.9	2262.7
0°	6372.1	6083.7	5667.7	5242.9	4921.6	4373.5	4014.7	3528.3	3222.4	2760.1	2260.5
-2.5°	6215.8	5953.9	5656.7	5185.7	4862.2	4342.7	3966.3	3493.1	3169.5	2744.7	2251.7
-5°	6189.4	5859.2	5564.3	5132.9	4763.1	4278.9	3876.1	3427.1	3085.9	2694.1	2216.5
-7.5°	6119.0	5769.0	5474.1	5091.1	4670.7	4212.8	3790.2	3358.8	2995.7	2614.9	2165.9
-10°	5964.9	5630.3	5377.2	5000.8	4558.4	4118.2	3686.8	3268.6	2890.0	2507.0	2086.6
-12.5°	5744.8	5410.2	5159.3	4809.3	4417.5	3990.5	3563.5	3151.9	2768.9	2392.6	1992.0
-15°	5496.1	5157.1	4906.2	4587.0	4208.4	3792.4	3407.3	3004.5	2630.3	2271.5	1879.7
-17.5°	5214.3	4893.0	4650.9	4340.5	3964.1	3567.9	3184.9	2819.6	2469.6	2146.0	1749.8
-20°	4888.6	4576.0	4353.7	4043.4	3697.8	3312.6	2940.6	2595.1	2280.3	1976.6	1606.8

REPORT NUMBER: P722603

CATALOG NUMBER: IFLD-S-SA3B-830-U-76-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	4485.8	4210.6	3957.5	3680.2	3378.6	3026.5	2680.9	2375.0	2073.4	1776.3	1459.3
-25°	4074.2	3807.8	3561.3	3308.2	3019.9	2716.1	2421.2	2143.8	1848.9	1580.4	1316.2
-27.5°	3616.4	3378.6	3158.5	2925.2	2661.1	2399.2	2157.0	1886.3	1631.0	1402.1	1175.4
-30°	3127.7	2934.0	2742.5	2535.6	2322.1	2102.0	1886.3	1631.0	1430.7	1248.0	1056.5
-32.5°	2658.9	2485.0	2330.9	2176.9	1992.0	1811.5	1620.0	1430.7	1263.4	1102.7	942.1
-35°	2247.3	2062.4	1976.6	1853.3	1705.8	1542.9	1386.7	1254.6	1120.3	975.1	832.0
-37.5°	1890.7	1771.9	1670.6	1578.2	1461.5	1320.6	1208.4	1100.5	988.3	856.2	733.0
-40°	1611.2	1525.3	1424.1	1355.9	1261.2	1160.0	1047.7	957.5	862.8	755.0	653.7
-42.5°	1386.7	1316.2	1250.2	1177.6	1107.1	1021.3	924.4	838.6	752.8	673.5	589.9
-45°	1201.8	1151.2	1098.3	1038.9	977.3	902.4	823.2	735.2	673.5	603.1	532.7
-47.5°	1049.9	1012.5	968.5	922.2	869.4	803.4	730.8	666.9	603.1	543.7	475.4
-50°	928.9	893.6	858.4	818.8	772.6	715.3	660.3	600.9	541.5	484.2	420.4
-52.5°	827.6	796.8	768.2	735.2	691.1	642.7	592.1	539.3	484.2	427.0	376.4
-55°	757.2	722.0	693.3	660.3	620.7	574.5	528.3	479.8	427.0	383.0	341.2
-57.5°	699.9	660.3	627.3	592.1	552.5	512.8	471.0	427.0	387.4	345.6	305.9
-60°	651.5	605.3	567.9	532.7	495.2	457.8	422.6	385.2	347.8	310.4	270.7
-62.5°	600.9	552.5	506.2	473.2	444.6	411.6	380.8	345.6	312.6	275.1	246.5
-65°	543.7	497.4	453.4	424.8	398.4	369.8	341.2	310.4	281.7	253.1	226.7
-67.5°	479.8	440.2	409.4	383.0	356.6	332.4	305.9	279.5	255.3	226.7	200.3
-70°	402.8	380.8	363.2	343.4	319.2	297.1	272.9	248.7	222.3	198.1	173.9
-72.5°	343.4	330.2	317.0	297.1	275.1	255.3	235.5	213.5	191.5	169.5	149.7
-75°	281.7	270.7	259.7	246.5	228.9	213.5	195.9	176.1	158.5	143.1	127.7
-77.5°	226.7	217.9	211.3	200.3	187.1	173.9	162.9	149.7	136.5	121.1	105.7
-80°	180.5	176.1	173.9	169.5	158.5	147.5	138.7	127.7	114.5	103.5	92.4
-82.5°	140.9	140.9	138.7	136.5	127.7	118.9	112.3	103.5	94.6	85.8	74.8
-85°	103.5	101.2	101.2	99.0	92.4	88.0	81.4	77.0	70.4	61.6	57.2
-87.5°	61.6	59.4	57.2	55.0	50.6	48.4	44.0	41.8	37.4	33.0	30.8
-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: P722603

CATALOG NUMBER: IFLD-S-SA3B-830-U-76-VI

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°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	0.0	0.0
85°	6.6	4.4	4.4	4.4	4.4	4.4	2.2	2.2	2.2	2.2	2.2
82.5°	13.2	13.2	11.0	11.0	8.8	6.6	4.4	4.4	4.4	2.2	2.2
80°	19.8	19.8	19.8	17.6	15.4	11.0	8.8	6.6	4.4	2.2	2.2
77.5°	24.2	22.0	22.0	19.8	19.8	17.6	13.2	11.0	6.6	4.4	2.2
75°	24.2	24.2	24.2	22.0	22.0	19.8	17.6	13.2	11.0	6.6	4.4
72.5°	26.4	24.2	24.2	24.2	22.0	19.8	17.6	15.4	13.2	8.8	4.4
70°	24.2	24.2	24.2	24.2	22.0	22.0	17.6	15.4	15.4	8.8	6.6
67.5°	24.2	24.2	24.2	22.0	22.0	19.8	17.6	15.4	15.4	11.0	6.6
65°	26.4	24.2	24.2	24.2	22.0	19.8	17.6	15.4	15.4	13.2	8.8
62.5°	28.6	26.4	26.4	24.2	22.0	19.8	17.6	15.4	15.4	13.2	8.8
60°	30.8	28.6	26.4	26.4	24.2	22.0	17.6	17.6	15.4	13.2	8.8
57.5°	33.0	30.8	30.8	28.6	26.4	24.2	19.8	17.6	15.4	13.2	11.0
55°	39.6	35.2	33.0	33.0	30.8	26.4	22.0	17.6	15.4	13.2	11.0
52.5°	52.8	41.8	37.4	37.4	35.2	30.8	24.2	19.8	15.4	13.2	11.0
50°	83.6	52.8	44.0	39.6	39.6	35.2	28.6	22.0	15.4	13.2	11.0
47.5°	132.1	88.0	52.8	46.2	44.0	41.8	33.0	22.0	17.6	13.2	11.0
45°	217.9	129.9	85.8	55.0	46.2	44.0	37.4	24.2	17.6	15.4	11.0
42.5°	299.3	202.5	132.1	66.0	55.0	48.4	39.6	26.4	19.8	15.4	11.0
40°	471.0	277.3	184.9	107.9	63.8	50.6	44.0	30.8	19.8	15.4	11.0
37.5°	638.3	367.6	248.7	158.5	72.6	57.2	46.2	33.0	22.0	15.4	13.2
35°	805.6	515.0	308.1	211.3	96.8	68.2	48.4	35.2	22.0	15.4	13.2
32.5°	955.3	653.7	369.8	264.1	145.3	81.4	52.8	37.4	24.2	17.6	13.2
30°	1078.5	781.4	479.8	310.4	189.3	99.0	57.2	37.4	26.4	17.6	13.2
27.5°	1171.0	880.4	592.1	358.8	226.7	116.7	66.0	41.8	26.4	17.6	13.2
25°	1245.8	957.5	691.1	409.4	259.7	145.3	79.2	44.0	28.6	19.8	13.2
22.5°	1305.2	1021.3	772.6	477.6	299.3	173.9	96.8	48.4	28.6	19.8	13.2
20°	1386.7	1085.1	827.6	550.3	341.2	200.3	112.3	52.8	28.6	19.8	15.4
17.5°	1457.1	1149.0	871.6	611.9	383.0	220.1	129.9	57.2	30.8	19.8	15.4
15°	1538.5	1210.6	911.2	660.3	422.6	237.7	145.3	61.6	30.8	22.0	15.4
12.5°	1626.6	1267.8	939.9	699.9	464.4	253.1	158.5	70.4	33.0	22.0	15.4
10°	1716.8	1316.2	964.1	728.6	495.2	268.5	167.3	79.2	35.2	22.0	15.4
7.5°	1807.1	1360.3	994.9	741.8	508.4	286.1	171.7	88.0	35.2	24.2	15.4
5°	1868.7	1388.9	1038.9	750.6	515.0	305.9	178.3	99.0	37.4	24.2	15.4
2.5°	1921.5	1406.5	1085.1	757.2	517.3	317.0	176.1	105.7	39.6	24.2	15.4
0°	1945.7	1406.5	1115.9	752.8	510.6	328.0	176.1	112.3	39.6	24.2	15.4
-2.5°	1908.3	1446.1	1107.1	755.0	512.8	328.0	184.9	114.5	44.0	26.4	15.4
-5°	1848.9	1461.5	1080.7	744.0	508.4	328.0	195.9	116.7	46.2	26.4	17.6
-7.5°	1791.7	1468.1	1049.9	733.0	501.8	319.2	198.1	114.5	50.6	28.6	17.6
-10°	1716.8	1395.5	1010.3	713.1	488.6	312.6	202.5	114.5	52.8	28.6	17.6
-12.5°	1631.0	1307.4	961.9	684.5	473.2	305.9	204.7	114.5	55.0	30.8	17.6
-15°	1531.9	1217.2	906.8	653.7	451.2	297.1	200.3	112.3	57.2	30.8	19.8
-17.5°	1419.7	1129.1	849.6	616.3	427.0	286.1	191.5	110.1	57.2	30.8	19.8
-20°	1292.0	1041.1	785.8	578.9	398.4	272.9	182.7	105.7	57.2	30.8	19.8



REPORT NUMBER: P722603

CATALOG NUMBER: IFLD-S-SA3B-830-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1177.6	959.7	719.7	537.1	367.6	257.5	171.7	101.2	57.2	33.0	19.8
-25°	1082.9	880.4	669.1	495.2	334.6	239.9	160.7	96.8	57.2	33.0	19.8
-27.5°	983.9	794.6	616.3	455.6	312.6	224.5	149.7	92.4	55.0	33.0	19.8
-30°	882.6	710.9	561.3	411.6	290.5	209.1	140.9	85.8	55.0	33.0	19.8
-32.5°	790.2	642.7	510.6	367.6	266.3	193.7	132.1	83.6	52.8	33.0	19.8
-35°	699.9	581.1	457.8	332.4	239.9	178.3	123.3	81.4	52.8	33.0	19.8
-37.5°	625.1	523.9	409.4	308.1	224.5	165.1	114.5	77.0	50.6	33.0	19.8
-40°	563.5	471.0	363.2	281.7	211.3	151.9	105.7	74.8	50.6	33.0	19.8
-42.5°	506.2	420.4	334.6	259.7	198.1	143.1	99.0	72.6	48.4	33.0	19.8
-45°	455.6	376.4	305.9	239.9	182.7	132.1	94.6	68.2	46.2	33.0	22.0
-47.5°	405.0	345.6	279.5	222.3	167.3	118.9	90.2	66.0	44.0	30.8	22.0
-50°	365.4	312.6	257.5	202.5	151.9	114.5	85.8	61.6	44.0	30.8	22.0
-52.5°	330.2	281.7	233.3	182.7	138.7	107.9	81.4	57.2	41.8	30.8	22.0
-55°	297.1	253.1	209.1	162.9	129.9	101.2	74.8	52.8	41.8	30.8	22.0
-57.5°	264.1	226.7	184.9	147.5	118.9	94.6	70.4	52.8	41.8	30.8	22.0
-60°	237.7	202.5	167.3	136.5	110.1	85.8	63.8	50.6	39.6	30.8	22.0
-62.5°	215.7	182.7	151.9	123.3	101.2	77.0	61.6	50.6	39.6	30.8	19.8
-65°	193.7	165.1	136.5	112.3	90.2	72.6	59.4	48.4	39.6	30.8	19.8
-67.5°	171.7	145.3	123.3	99.0	83.6	70.4	57.2	48.4	37.4	28.6	19.8
-70°	149.7	127.7	107.9	92.4	79.2	66.0	55.0	46.2	37.4	26.4	17.6
-72.5°	132.1	112.3	96.8	85.8	74.8	63.8	52.8	44.0	35.2	24.2	15.4
-75°	112.3	99.0	88.0	77.0	68.2	59.4	50.6	39.6	30.8	22.0	15.4
-77.5°	94.6	85.8	77.0	70.4	61.6	52.8	44.0	35.2	28.6	19.8	13.2
-80°	81.4	74.8	68.2	61.6	55.0	46.2	39.6	30.8	24.2	17.6	11.0
-82.5°	66.0	61.6	55.0	50.6	46.2	39.6	33.0	26.4	17.6	13.2	8.8
-85°	50.6	46.2	44.0	39.6	35.2	28.6	22.0	17.6	13.2	8.8	4.4
-87.5°	26.4	24.2	22.0	19.8	17.6	13.2	11.0	8.8	6.6	4.4	2.2
-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: P722603

CATALOG NUMBER: IFLD-S-SA3B-830-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0
80°	2.2	0.0	0.0	0.0
77.5°	2.2	0.0	0.0	0.0
75°	2.2	2.2	0.0	0.0
72.5°	2.2	2.2	0.0	0.0
70°	2.2	2.2	0.0	0.0
67.5°	4.4	2.2	0.0	0.0
65°	4.4	2.2	0.0	0.0
62.5°	4.4	2.2	0.0	0.0
60°	4.4	2.2	0.0	0.0
57.5°	6.6	2.2	2.2	0.0
55°	6.6	2.2	2.2	0.0
52.5°	6.6	2.2	2.2	0.0
50°	6.6	4.4	2.2	0.0
47.5°	6.6	4.4	2.2	0.0
45°	6.6	4.4	2.2	0.0
42.5°	6.6	4.4	2.2	0.0
40°	8.8	4.4	2.2	0.0
37.5°	8.8	4.4	2.2	0.0
35°	8.8	4.4	2.2	0.0
32.5°	8.8	4.4	2.2	0.0
30°	8.8	4.4	2.2	0.0
27.5°	8.8	6.6	2.2	0.0
25°	8.8	6.6	2.2	0.0
22.5°	11.0	6.6	2.2	0.0
20°	11.0	6.6	2.2	0.0
17.5°	11.0	6.6	2.2	0.0
15°	11.0	6.6	2.2	0.0
12.5°	11.0	6.6	2.2	0.0
10°	11.0	6.6	2.2	0.0
7.5°	11.0	6.6	2.2	0.0
5°	11.0	6.6	2.2	0.0
2.5°	11.0	6.6	2.2	0.0
0°	11.0	6.6	2.2	0.0
-2.5°	11.0	6.6	2.2	0.0
-5°	11.0	6.6	2.2	0.0
-7.5°	11.0	6.6	2.2	0.0
-10°	11.0	6.6	2.2	0.0
-12.5°	13.2	6.6	2.2	0.0
-15°	13.2	6.6	2.2	0.0
-17.5°	13.2	6.6	2.2	0.0
-20°	13.2	6.6	2.2	0.0

REPORT NUMBER: P722603

CATALOG NUMBER: IFLD-S-SA3B-830-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	13.2	6.6	2.2	0.0
-25°	13.2	6.6	2.2	0.0
-27.5°	13.2	6.6	2.2	0.0
-30°	13.2	6.6	2.2	0.0
-32.5°	13.2	6.6	2.2	0.0
-35°	13.2	6.6	2.2	0.0
-37.5°	13.2	6.6	2.2	0.0
-40°	13.2	6.6	2.2	0.0
-42.5°	11.0	6.6	2.2	0.0
-45°	13.2	6.6	2.2	0.0
-47.5°	13.2	6.6	2.2	0.0
-50°	13.2	6.6	2.2	0.0
-52.5°	13.2	6.6	2.2	0.0
-55°	13.2	6.6	2.2	0.0
-57.5°	13.2	6.6	2.2	0.0
-60°	13.2	6.6	2.2	0.0
-62.5°	11.0	6.6	2.2	0.0
-65°	11.0	4.4	2.2	0.0
-67.5°	11.0	4.4	2.2	0.0
-70°	11.0	4.4	2.2	0.0
-72.5°	8.8	4.4	2.2	0.0
-75°	8.8	4.4	2.2	0.0
-77.5°	6.6	2.2	0.0	0.0
-80°	6.6	2.2	0.0	0.0
-82.5°	4.4	2.2	0.0	0.0
-85°	2.2	2.2	0.0	0.0
-87.5°	2.2	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)