

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: P722604

Luminaire Tested: **IFLD-S-SA3C-830-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722604
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3C-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:	17210.4 lumens	Max Intensity:	12014.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	107.0 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:	10979.5 lumens	Field Lumens:	16225.5 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

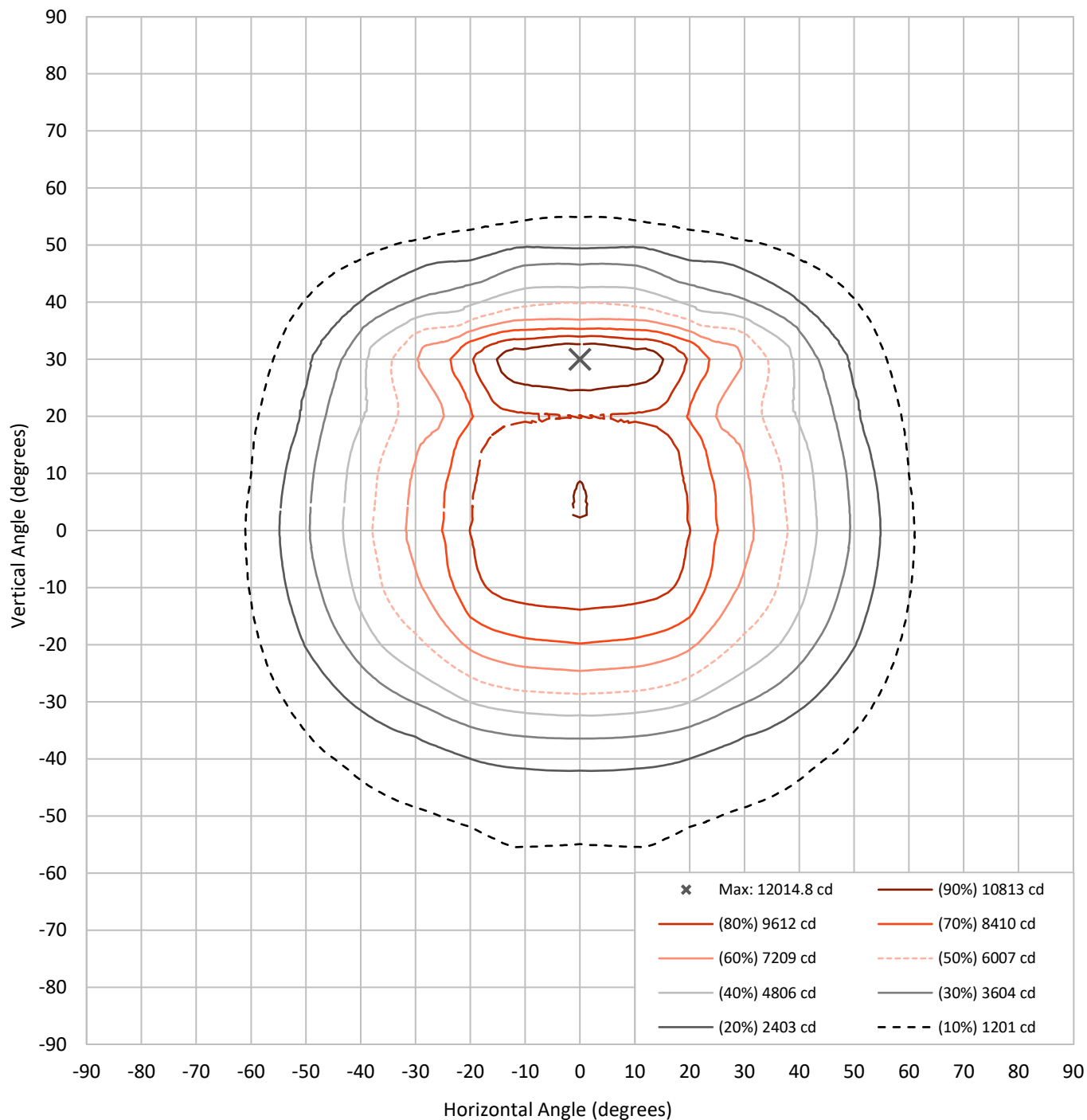
Input Watts (W): 160.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P722604

CATALOG NUMBER: IFLD-S-SA3C-830-U-76-VI

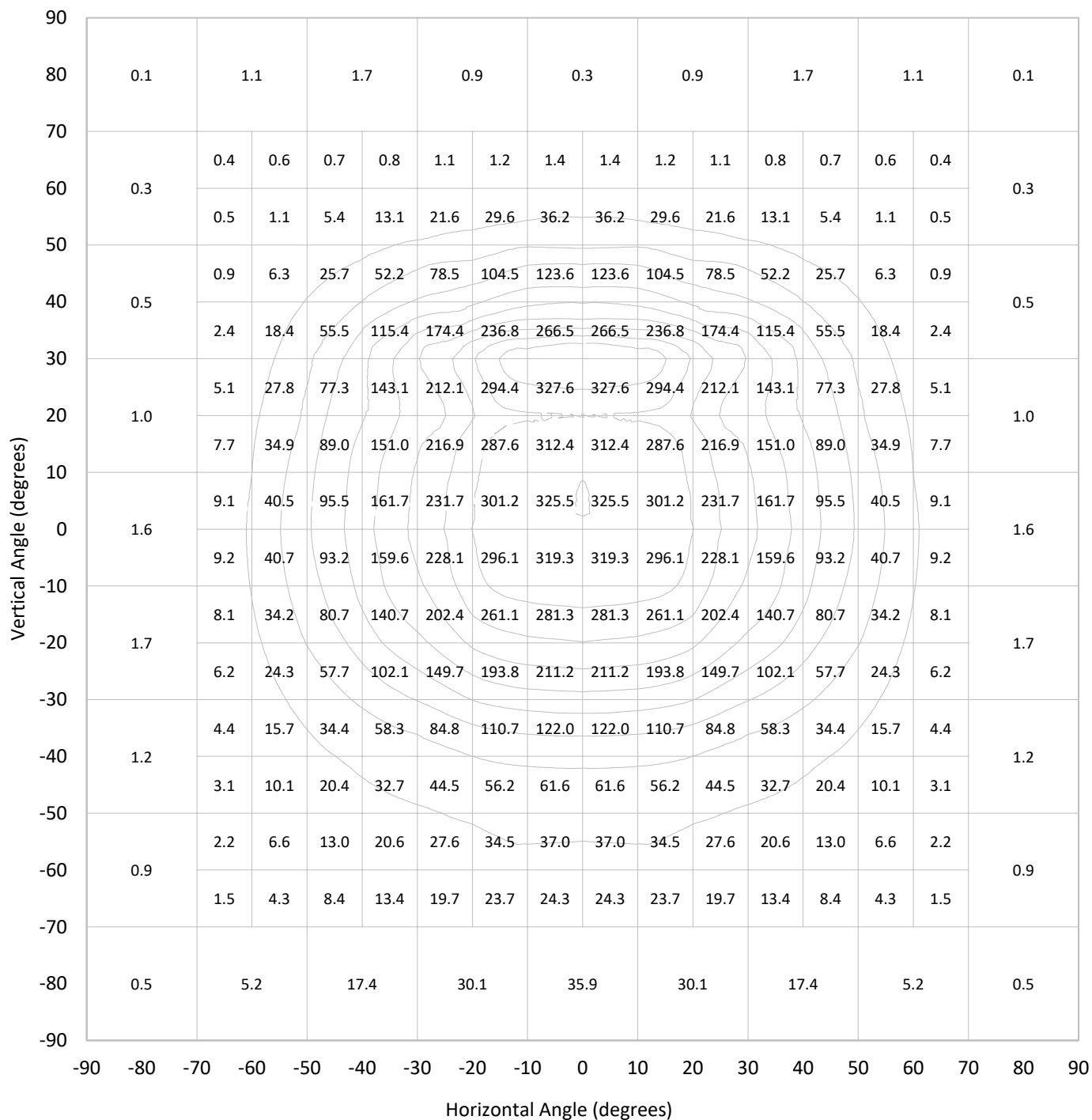
Iso-Candela Plot



REPORT NUMBER: P722604

CATALOG NUMBER: IFLD-S-SA3C-830-U-76-VI

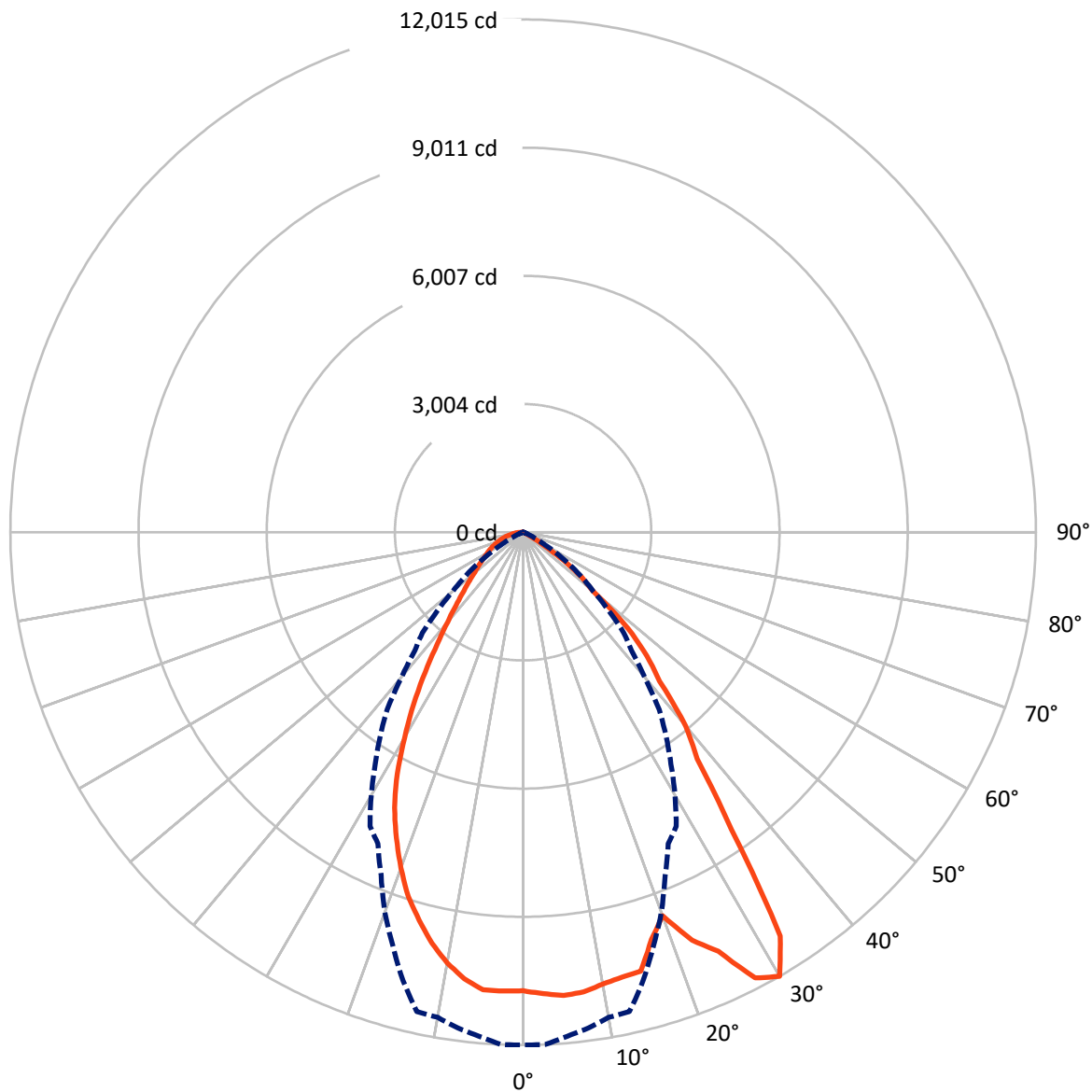
Lumen Table



REPORT NUMBER: P722604

CATALOG NUMBER: IFLD-S-SA3C-830-U-76-VI

Luminous Intensity Polar Plot



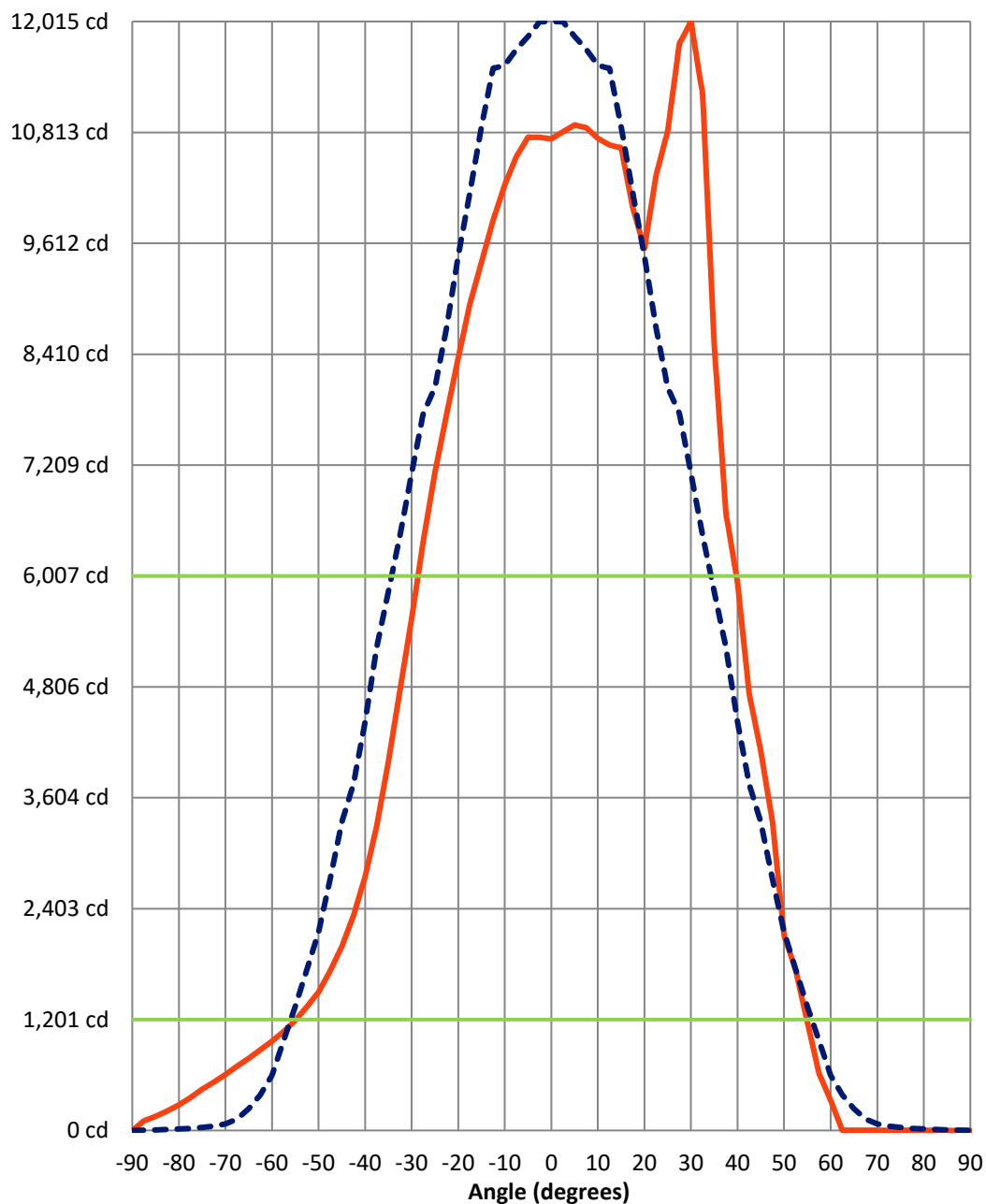
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

REPORT NUMBER: P722604

CATALOG NUMBER: IFLD-S-SA3C-830-U-76-VI

Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 10979.5

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 16225.5

Efficiency: 94.3%

Spill:

Lumens: 984.9

Efficiency: 5.7%

— Vertical Distribution through 0-Deg

- - Horizontal Distribution through 30-Deg

REPORT NUMBER: P722604

CATALOG NUMBER: IFLD-S-SA3C-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	2.7	2.7	2.7	2.7	2.7	2.7	2.7
85°	0.0	2.7	2.7	2.7	5.5	5.5	5.5	5.5	5.5	5.5	8.2
82.5°	0.0	2.7	2.7	2.7	5.5	5.5	5.5	5.5	8.2	8.2	11.0
80°	2.7	2.7	2.7	2.7	5.5	5.5	5.5	8.2	8.2	11.0	11.0
77.5°	2.7	2.7	2.7	5.5	5.5	5.5	8.2	8.2	11.0	11.0	13.7
75°	2.7	2.7	2.7	5.5	5.5	8.2	8.2	8.2	11.0	11.0	13.7
72.5°	0.0	2.7	2.7	5.5	5.5	8.2	8.2	8.2	11.0	11.0	11.0
70°	2.7	2.7	2.7	5.5	5.5	8.2	8.2	8.2	11.0	11.0	11.0
67.5°	2.7	2.7	2.7	5.5	5.5	8.2	8.2	11.0	11.0	11.0	13.7
65°	2.7	2.7	2.7	5.5	8.2	8.2	11.0	13.7	13.7	16.4	19.2
62.5°	2.7	5.5	5.5	8.2	11.0	13.7	30.1	46.6	46.6	32.9	27.4
60°	326.1	353.5	350.7	317.8	276.7	232.9	224.7	216.5	200.0	175.4	183.6
57.5°	619.2	652.1	665.8	657.6	635.7	597.3	575.4	550.7	517.9	479.5	435.7
55°	1172.7	1186.4	1156.3	1098.7	1035.7	972.7	950.8	917.9	868.6	819.3	753.5
52.5°	1734.4	1781.0	1767.3	1709.7	1624.8	1512.5	1389.2	1293.3	1235.7	1180.9	1115.2
50°	2118.0	2137.2	2175.5	2244.0	2268.7	2192.0	1992.0	1734.4	1550.8	1644.0	1572.7
47.5°	3342.8	3438.7	3419.5	3370.2	3288.0	3079.7	2800.2	2570.1	2378.3	2315.3	2326.2
45°	4107.2	4145.6	4131.9	4110.0	4071.6	3877.1	3567.4	3214.0	3035.9	2964.6	2890.7
42.5°	4734.7	4775.8	4784.0	4786.7	4745.6	4567.5	4288.1	3934.6	3756.5	3551.0	3389.3
40°	5932.0	5992.3	5923.8	5833.4	5696.4	5493.6	5219.6	4893.6	4578.5	4326.4	4134.6
37.5°	6696.5	6770.5	6797.9	6792.4	6762.2	6674.6	6337.6	6027.9	5545.7	4981.3	5082.6
35°	8510.3	8587.1	8565.1	8482.9	8439.1	8345.9	8017.2	7650.0	7044.5	6430.7	6266.3
32.5°	11214.7	11381.8	11069.5	10727.0	10516.0	10590.0	10255.7	9357.0	9077.5	7970.6	7458.2
30°	12014.8	12012.0	11853.1	11713.4	11540.8	11505.1	10874.9	10157.1	9472.1	8696.7	8050.0
27.5°	11770.9	11721.6	11587.3	11486.0	11324.3	11239.4	10622.9	10052.9	9261.1	8567.9	7943.2
25°	10831.1	10869.5	10732.5	10713.3	10650.3	10485.9	10179.0	9537.8	8830.9	8063.7	7614.4
22.5°	10346.1	10332.4	10168.0	10072.1	10148.8	9973.5	9850.2	9203.6	8466.5	7819.9	7280.1
20°	9557.0	9559.8	9518.7	9510.4	9463.9	9384.4	9285.8	8828.2	8307.6	7754.1	7104.7
17.5°	9998.2	10110.5	10159.8	9751.6	9866.6	9776.2	9672.1	9033.7	8641.9	8151.4	7304.8
15°	10644.8	10603.7	10554.4	10532.4	10469.4	10384.5	10195.4	9685.8	9011.8	8504.9	7844.5
12.5°	10677.7	10598.2	10579.0	10576.3	10510.5	10392.7	10209.1	9787.2	9189.9	8573.4	8036.3
10°	10748.9	10666.7	10655.7	10669.4	10568.1	10494.1	10310.5	9918.7	9244.7	8691.2	8184.3
7.5°	10864.0	10727.0	10790.0	10748.9	10702.3	10584.5	10387.2	10003.6	9444.7	8847.4	8315.8
5°	10894.1	10743.4	10811.9	10773.6	10705.1	10590.0	10376.3	10058.4	9568.0	8910.4	8367.9
2.5°	10820.1	10776.3	10746.2	10674.9	10644.8	10518.7	10316.0	9976.2	9510.4	8883.0	8356.9
0°	10743.4	10781.8	10713.3	10642.0	10628.3	10527.0	10354.3	10047.5	9644.7	8959.7	8450.1
-2.5°	10759.9	10729.7	10683.1	10609.2	10537.9	10392.7	10236.5	9948.8	9515.9	8792.6	8318.5
-5°	10759.9	10620.1	10625.6	10628.3	10557.1	10406.4	10217.3	9973.5	9439.2	8789.8	8280.2
-7.5°	10551.6	10431.1	10411.9	10395.4	10376.3	10236.5	10088.6	9784.4	9310.4	8718.6	8173.3
-10°	10244.7	10126.9	10137.9	10113.2	10052.9	9959.8	9847.5	9573.5	9184.4	8493.9	7956.9
-12.5°	9861.2	9809.1	9779.0	9737.9	9677.6	9595.4	9480.3	9222.7	8806.3	8217.2	7707.5
-15°	9406.3	9368.0	9340.6	9315.9	9228.2	9143.3	8992.6	8754.2	8493.9	7861.0	7340.4
-17.5°	8951.5	8855.6	8817.2	8784.3	8726.8	8589.8	8452.8	8274.7	7910.3	7408.9	6962.3
-20°	8367.9	8310.3	8263.7	8219.9	8137.7	8030.9	7918.5	7713.0	7397.9	6992.4	6529.3

REPORT NUMBER: P722604

CATALOG NUMBER: IFLD-S-SA3C-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°	7756.9	7724.0	7685.6	7630.8	7576.0	7474.6	7318.5	7121.2	6874.6	6436.2	6003.3
-25°	7126.7	7063.6	7017.1	6965.0	6921.2	6828.0	6677.3	6488.2	6178.6	5800.5	5438.8
-27.5°	6384.1	6323.9	6299.2	6238.9	6200.6	6115.6	5964.9	5789.6	5510.1	5192.2	4825.1
-30°	5545.7	5556.7	5529.3	5471.7	5425.1	5315.5	5200.5	5052.5	4833.3	4529.2	4200.4
-32.5°	4770.3	4784.0	4751.1	4690.8	4630.5	4551.1	4444.2	4310.0	4145.6	3855.1	3570.2
-35°	3994.9	3989.4	3962.0	3926.4	3885.3	3819.5	3699.0	3597.6	3408.5	3205.8	3008.5
-37.5°	3298.9	3312.6	3304.4	3285.2	3238.6	3183.8	3085.2	2992.0	2852.3	2674.2	2520.8
-40°	2748.2	2764.6	2753.7	2734.5	2693.4	2660.5	2594.8	2512.6	2400.2	2246.8	2118.0
-42.5°	2326.2	2337.2	2323.5	2307.1	2271.4	2246.8	2194.7	2126.2	2033.1	1915.2	1800.2
-45°	1992.0	1994.7	1981.0	1970.0	1942.6	1912.5	1868.7	1813.9	1739.9	1657.7	1564.5
-47.5°	1728.9	1726.2	1712.5	1701.5	1679.6	1652.2	1616.6	1567.3	1509.7	1446.7	1372.7
-50°	1498.8	1512.5	1507.0	1496.0	1479.6	1460.4	1424.8	1372.7	1315.2	1268.6	1216.5
-52.5°	1339.8	1342.6	1339.8	1339.8	1337.1	1323.4	1282.3	1230.2	1167.2	1126.1	1082.3
-55°	1191.9	1205.6	1211.1	1216.5	1219.3	1219.3	1170.0	1115.2	1054.9	1013.8	980.9
-57.5°	1071.3	1079.5	1085.0	1098.7	1109.7	1117.9	1074.1	1024.7	978.2	939.8	909.7
-60°	967.2	978.2	986.4	1000.1	1008.3	1013.8	986.4	953.5	926.1	901.5	857.6
-62.5°	874.1	882.3	890.5	898.7	906.9	912.4	901.5	885.0	871.3	860.4	805.6
-65°	780.9	789.1	797.3	808.3	816.5	822.0	819.3	808.3	797.3	786.4	737.1
-67.5°	696.0	704.2	715.1	717.9	723.4	726.1	720.6	712.4	698.7	685.0	646.6
-70°	605.5	611.0	616.5	616.5	616.5	613.8	608.3	597.3	583.6	564.4	534.3
-72.5°	523.3	528.8	534.3	526.1	520.6	512.4	504.2	490.5	476.8	463.1	446.6
-75°	446.6	449.4	449.4	438.4	430.2	422.0	411.0	402.8	389.1	378.1	364.4
-77.5°	356.2	356.2	356.2	348.0	342.5	337.0	328.8	320.6	309.6	301.4	290.4
-80°	276.7	276.7	276.7	274.0	265.8	260.3	254.8	249.3	241.1	235.6	230.2
-82.5°	211.0	211.0	211.0	208.2	202.8	200.0	194.5	189.1	186.3	180.8	178.1
-85°	153.4	156.2	156.2	153.4	150.7	145.2	142.5	139.7	137.0	134.3	128.8
-87.5°	104.1	104.1	104.1	101.4	98.6	98.6	95.9	90.4	84.9	82.2	79.5
-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: P722604

CATALOG NUMBER: IFLD-S-SA3C-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°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
85°	8.2	8.2	8.2	11.0	11.0	11.0	11.0	11.0	11.0	11.0	8.2
82.5°	13.7	13.7	16.4	16.4	19.2	19.2	19.2	19.2	19.2	19.2	19.2
80°	13.7	16.4	19.2	21.9	24.7	27.4	27.4	27.4	27.4	24.7	24.7
77.5°	16.4	16.4	19.2	21.9	24.7	27.4	30.1	32.9	30.1	30.1	30.1
75°	16.4	19.2	19.2	21.9	24.7	27.4	30.1	32.9	32.9	32.9	32.9
72.5°	13.7	16.4	19.2	21.9	21.9	24.7	27.4	27.4	30.1	30.1	32.9
70°	13.7	16.4	19.2	19.2	21.9	21.9	24.7	27.4	27.4	30.1	30.1
67.5°	16.4	19.2	19.2	21.9	24.7	24.7	24.7	27.4	27.4	30.1	30.1
65°	19.2	21.9	21.9	24.7	27.4	27.4	30.1	30.1	30.1	32.9	32.9
62.5°	32.9	32.9	32.9	30.1	32.9	32.9	32.9	35.6	35.6	32.9	35.6
60°	169.9	123.3	84.9	106.9	95.9	43.8	43.8	43.8	41.1	41.1	38.4
57.5°	400.0	372.6	320.6	271.3	243.9	216.5	134.3	54.8	54.8	49.3	43.8
55°	668.6	578.1	539.8	474.0	402.8	369.9	306.9	208.2	98.6	65.8	57.5
52.5°	1035.7	950.8	852.1	717.9	622.0	545.3	493.2	391.8	263.0	139.7	87.7
50°	1386.4	1348.1	1287.8	1156.3	956.2	827.5	742.5	627.5	471.3	287.7	164.4
47.5°	2233.1	1912.5	1718.0	1616.6	1449.4	1205.6	1041.2	912.4	723.4	485.0	290.4
45°	2811.2	2608.5	2298.8	2085.1	1838.5	1581.0	1367.2	1219.3	994.6	726.1	454.8
42.5°	3307.1	3131.8	2852.3	2540.0	2279.7	1942.6	1668.6	1474.1	1285.0	991.9	679.5
40°	3945.6	3737.3	3468.8	3164.7	2860.5	2430.4	1986.5	1750.8	1542.6	1282.3	917.9
37.5°	4997.7	4630.5	4192.2	3855.1	3457.8	3093.4	2485.2	2068.7	1822.1	1550.8	1197.4
35°	6263.6	5860.8	5129.2	4682.6	4151.1	3608.5	3060.5	2444.1	2093.3	1805.6	1454.9
32.5°	7441.8	6852.7	5915.6	5392.3	5038.8	4038.7	3471.5	2937.2	2372.8	2019.4	1602.9
30°	7767.8	7118.4	6447.1	5836.1	5233.3	4425.1	3753.8	3337.3	2723.5	2148.1	1742.6
27.5°	7439.0	6992.4	6471.8	5904.6	5252.5	4559.3	3926.4	3529.1	2981.1	2235.8	1852.2
25°	7104.7	6638.9	6274.5	5800.5	5197.7	4551.1	3931.9	3649.6	3181.1	2405.7	1912.5
22.5°	6751.3	6460.8	6159.5	5630.6	5060.7	4575.7	4110.0	3753.8	3285.2	2597.5	1937.2
20°	6770.5	6581.4	6249.9	5543.0	5036.1	4721.0	4323.7	3885.3	3397.6	2764.6	1956.3
17.5°	7077.3	6830.7	6414.3	5800.5	5258.0	4868.9	4501.8	4066.1	3512.6	2912.6	2189.2
15°	7455.5	7080.1	6644.4	6104.7	5490.9	5030.6	4638.8	4192.2	3644.2	3049.6	2397.5
12.5°	7729.5	7195.2	6786.9	6299.2	5743.0	5205.9	4729.2	4288.1	3767.5	3161.9	2553.7
10°	7822.6	7337.6	6855.4	6419.7	5871.8	5299.1	4797.7	4348.3	3874.3	3249.6	2668.7
7.5°	7871.9	7460.9	6902.0	6474.5	5948.5	5356.6	4852.5	4381.2	3959.3	3309.9	2742.7
5°	7866.5	7526.7	6937.6	6491.0	5989.6	5381.3	4890.8	4389.4	4019.5	3361.9	2786.5
2.5°	7841.8	7570.5	6995.1	6518.4	6071.8	5427.9	4964.8	4405.9	4041.5	3419.5	2816.7
0°	7932.2	7573.3	7055.4	6526.6	6126.6	5444.3	4997.7	4392.2	4011.3	3435.9	2813.9
-2.5°	7737.7	7411.6	7041.7	6455.4	6052.6	5406.0	4937.4	4348.3	3945.6	3416.7	2803.0
-5°	7704.8	7293.8	6926.6	6389.6	5929.3	5326.5	4825.1	4266.1	3841.4	3353.7	2759.1
-7.5°	7617.1	7181.5	6814.3	6337.6	5814.2	5244.3	4718.2	4181.2	3729.1	3255.1	2696.1
-10°	7425.3	7008.8	6693.7	6225.2	5674.5	5126.5	4589.4	4068.9	3597.6	3120.8	2597.5
-12.5°	7151.3	6734.8	6422.5	5986.8	5499.1	4967.6	4436.0	3923.6	3446.9	2978.3	2479.7
-15°	6841.7	6419.7	6107.4	5710.1	5238.8	4721.0	4241.5	3740.1	3274.3	2827.6	2339.9
-17.5°	6491.0	6091.0	5789.6	5403.2	4934.7	4441.5	3964.7	3509.9	3074.2	2671.5	2178.3
-20°	6085.5	5696.4	5419.7	5033.3	4603.1	4123.7	3660.6	3230.4	2838.6	2460.5	2000.2

REPORT NUMBER: P722604

CATALOG NUMBER: IFLD-S-SA3C-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°	5584.1	5241.6	4926.5	4581.2	4205.9	3767.5	3337.3	2956.4	2581.1	2211.2	1816.6
-25°	5071.7	4740.1	4433.3	4118.2	3759.2	3381.1	3014.0	2668.7	2301.6	1967.3	1638.5
-27.5°	4501.8	4205.9	3931.9	3641.4	3312.6	2986.6	2685.2	2348.2	2030.3	1745.4	1463.1
-30°	3893.5	3652.4	3414.0	3156.4	2890.7	2616.7	2348.2	2030.3	1781.0	1553.6	1315.2
-32.5°	3309.9	3093.4	2901.6	2709.8	2479.7	2255.0	2016.6	1781.0	1572.7	1372.7	1172.7
-35°	2797.5	2567.4	2460.5	2307.1	2123.5	1920.7	1726.2	1561.8	1394.6	1213.8	1035.7
-37.5°	2353.6	2205.7	2079.6	1964.6	1819.3	1644.0	1504.2	1370.0	1230.2	1065.8	912.4
-40°	2005.7	1898.8	1772.8	1687.8	1570.0	1444.0	1304.2	1191.9	1074.1	939.8	813.8
-42.5°	1726.2	1638.5	1556.3	1465.9	1378.2	1271.3	1150.8	1043.9	937.1	838.4	734.3
-45°	1496.0	1433.0	1367.2	1293.3	1216.5	1123.4	1024.7	915.1	838.4	750.8	663.1
-47.5°	1307.0	1260.4	1205.6	1148.0	1082.3	1000.1	909.7	830.2	750.8	676.8	591.8
-50°	1156.3	1112.4	1068.6	1019.3	961.7	890.5	822.0	748.0	674.0	602.8	523.3
-52.5°	1030.2	991.9	956.2	915.1	860.4	800.1	737.1	671.3	602.8	531.6	468.5
-55°	942.5	898.7	863.1	822.0	772.7	715.1	657.6	597.3	531.6	476.8	424.7
-57.5°	871.3	822.0	780.9	737.1	687.7	638.4	586.4	531.6	482.2	430.2	380.9
-60°	811.0	753.5	706.9	663.1	616.5	569.9	526.1	479.5	432.9	386.3	337.0
-62.5°	748.0	687.7	630.2	589.1	553.5	512.4	474.0	430.2	389.1	342.5	306.9
-65°	676.8	619.2	564.4	528.8	495.9	460.3	424.7	386.3	350.7	315.1	282.2
-67.5°	597.3	548.0	509.6	476.8	443.9	413.7	380.9	348.0	317.8	282.2	249.3
-70°	501.4	474.0	452.1	427.4	397.3	369.9	339.8	309.6	276.7	246.6	216.5
-72.5°	427.4	411.0	394.6	369.9	342.5	317.8	293.2	265.8	238.4	211.0	186.3
-75°	350.7	337.0	323.3	306.9	285.0	265.8	243.9	219.2	197.3	178.1	158.9
-77.5°	282.2	271.3	263.0	249.3	232.9	216.5	202.8	186.3	169.9	150.7	131.5
-80°	224.7	219.2	216.5	211.0	197.3	183.6	172.6	158.9	142.5	128.8	115.1
-82.5°	175.4	175.4	172.6	169.9	158.9	148.0	139.7	128.8	117.8	106.9	93.2
-85°	128.8	126.0	126.0	123.3	115.1	109.6	101.4	95.9	87.7	76.7	71.2
-87.5°	76.7	74.0	71.2	68.5	63.0	60.3	54.8	52.1	46.6	41.1	38.4
-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: P722604

CATALOG NUMBER: IFLD-S-SA3C-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°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	0.0	0.0
85°	8.2	5.5	5.5	5.5	5.5	5.5	2.7	2.7	2.7	2.7	2.7
82.5°	16.4	16.4	13.7	13.7	11.0	8.2	5.5	5.5	5.5	2.7	2.7
80°	24.7	24.7	24.7	21.9	19.2	13.7	11.0	8.2	5.5	2.7	2.7
77.5°	30.1	27.4	27.4	24.7	24.7	21.9	16.4	13.7	8.2	5.5	2.7
75°	30.1	30.1	30.1	27.4	27.4	24.7	21.9	16.4	13.7	8.2	5.5
72.5°	32.9	30.1	30.1	30.1	27.4	24.7	21.9	19.2	16.4	11.0	5.5
70°	30.1	30.1	30.1	30.1	27.4	27.4	21.9	19.2	19.2	11.0	8.2
67.5°	30.1	30.1	30.1	27.4	27.4	24.7	21.9	19.2	19.2	13.7	8.2
65°	32.9	30.1	30.1	30.1	27.4	24.7	21.9	19.2	19.2	16.4	11.0
62.5°	35.6	32.9	32.9	30.1	27.4	24.7	21.9	19.2	19.2	16.4	11.0
60°	38.4	35.6	32.9	32.9	30.1	27.4	21.9	21.9	19.2	16.4	11.0
57.5°	41.1	38.4	38.4	35.6	32.9	30.1	24.7	21.9	19.2	16.4	13.7
55°	49.3	43.8	41.1	41.1	38.4	32.9	27.4	21.9	19.2	16.4	13.7
52.5°	65.8	52.1	46.6	46.6	43.8	38.4	30.1	24.7	19.2	16.4	13.7
50°	104.1	65.8	54.8	49.3	49.3	43.8	35.6	27.4	19.2	16.4	13.7
47.5°	164.4	109.6	65.8	57.5	54.8	52.1	41.1	27.4	21.9	16.4	13.7
45°	271.3	161.7	106.9	68.5	57.5	54.8	46.6	30.1	21.9	19.2	13.7
42.5°	372.6	252.1	164.4	82.2	68.5	60.3	49.3	32.9	24.7	19.2	13.7
40°	586.4	345.2	230.2	134.3	79.5	63.0	54.8	38.4	24.7	19.2	13.7
37.5°	794.6	457.6	309.6	197.3	90.4	71.2	57.5	41.1	27.4	19.2	16.4
35°	1002.8	641.2	383.6	263.0	120.6	84.9	60.3	43.8	27.4	19.2	16.4
32.5°	1189.1	813.8	460.3	328.8	180.8	101.4	65.8	46.6	30.1	21.9	16.4
30°	1342.6	972.7	597.3	386.3	235.6	123.3	71.2	46.6	32.9	21.9	16.4
27.5°	1457.7	1096.0	737.1	446.6	282.2	145.2	82.2	52.1	32.9	21.9	16.4
25°	1550.8	1191.9	860.4	509.6	323.3	180.8	98.6	54.8	35.6	24.7	16.4
22.5°	1624.8	1271.3	961.7	594.6	372.6	216.5	120.6	60.3	35.6	24.7	16.4
20°	1726.2	1350.8	1030.2	685.0	424.7	249.3	139.7	65.8	35.6	24.7	19.2
17.5°	1813.9	1430.3	1085.0	761.7	476.8	274.0	161.7	71.2	38.4	24.7	19.2
15°	1915.2	1507.0	1134.3	822.0	526.1	295.9	180.8	76.7	38.4	27.4	19.2
12.5°	2024.8	1578.2	1170.0	871.3	578.1	315.1	197.3	87.7	41.1	27.4	19.2
10°	2137.2	1638.5	1200.1	906.9	616.5	334.3	208.2	98.6	43.8	27.4	19.2
7.5°	2249.5	1693.3	1238.5	923.4	632.9	356.2	213.7	109.6	43.8	30.1	19.2
5°	2326.2	1728.9	1293.3	934.3	641.2	380.9	221.9	123.3	46.6	30.1	19.2
2.5°	2392.0	1750.8	1350.8	942.5	643.9	394.6	219.2	131.5	49.3	30.1	19.2
0°	2422.1	1750.8	1389.2	937.1	635.7	408.3	219.2	139.7	49.3	30.1	19.2
-2.5°	2375.6	1800.2	1378.2	939.8	638.4	408.3	230.2	142.5	54.8	32.9	19.2
-5°	2301.6	1819.3	1345.3	926.1	632.9	408.3	243.9	145.2	57.5	32.9	21.9
-7.5°	2230.3	1827.6	1307.0	912.4	624.7	397.3	246.6	142.5	63.0	35.6	21.9
-10°	2137.2	1737.1	1257.6	887.8	608.3	389.1	252.1	142.5	65.8	35.6	21.9
-12.5°	2030.3	1627.5	1197.4	852.1	589.1	380.9	254.8	142.5	68.5	38.4	21.9
-15°	1907.0	1515.2	1128.9	813.8	561.7	369.9	249.3	139.7	71.2	38.4	24.7
-17.5°	1767.3	1405.6	1057.6	767.2	531.6	356.2	238.4	137.0	71.2	38.4	24.7
-20°	1608.4	1296.0	978.2	720.6	495.9	339.8	227.4	131.5	71.2	38.4	24.7

REPORT NUMBER: P722604

CATALOG NUMBER: IFLD-S-SA3C-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°	1465.9	1194.6	896.0	668.6	457.6	320.6	213.7	126.0	71.2	41.1	24.7
-25°	1348.1	1096.0	833.0	616.5	416.5	298.7	200.0	120.6	71.2	41.1	24.7
-27.5°	1224.8	989.1	767.2	567.2	389.1	279.5	186.3	115.1	68.5	41.1	24.7
-30°	1098.7	885.0	698.7	512.4	361.7	260.3	175.4	106.9	68.5	41.1	24.7
-32.5°	983.6	800.1	635.7	457.6	331.5	241.1	164.4	104.1	65.8	41.1	24.7
-35°	871.3	723.4	569.9	413.7	298.7	221.9	153.4	101.4	65.8	41.1	24.7
-37.5°	778.2	652.1	509.6	383.6	279.5	205.5	142.5	95.9	63.0	41.1	24.7
-40°	701.4	586.4	452.1	350.7	263.0	189.1	131.5	93.2	63.0	41.1	24.7
-42.5°	630.2	523.3	416.5	323.3	246.6	178.1	123.3	90.4	60.3	41.1	24.7
-45°	567.2	468.5	380.9	298.7	227.4	164.4	117.8	84.9	57.5	41.1	27.4
-47.5°	504.2	430.2	348.0	276.7	208.2	148.0	112.3	82.2	54.8	38.4	27.4
-50°	454.8	389.1	320.6	252.1	189.1	142.5	106.9	76.7	54.8	38.4	27.4
-52.5°	411.0	350.7	290.4	227.4	172.6	134.3	101.4	71.2	52.1	38.4	27.4
-55°	369.9	315.1	260.3	202.8	161.7	126.0	93.2	65.8	52.1	38.4	27.4
-57.5°	328.8	282.2	230.2	183.6	148.0	117.8	87.7	65.8	52.1	38.4	27.4
-60°	295.9	252.1	208.2	169.9	137.0	106.9	79.5	63.0	49.3	38.4	27.4
-62.5°	268.5	227.4	189.1	153.4	126.0	95.9	76.7	63.0	49.3	38.4	24.7
-65°	241.1	205.5	169.9	139.7	112.3	90.4	74.0	60.3	49.3	38.4	24.7
-67.5°	213.7	180.8	153.4	123.3	104.1	87.7	71.2	60.3	46.6	35.6	24.7
-70°	186.3	158.9	134.3	115.1	98.6	82.2	68.5	57.5	46.6	32.9	21.9
-72.5°	164.4	139.7	120.6	106.9	93.2	79.5	65.8	54.8	43.8	30.1	19.2
-75°	139.7	123.3	109.6	95.9	84.9	74.0	63.0	49.3	38.4	27.4	19.2
-77.5°	117.8	106.9	95.9	87.7	76.7	65.8	54.8	43.8	35.6	24.7	16.4
-80°	101.4	93.2	84.9	76.7	68.5	57.5	49.3	38.4	30.1	21.9	13.7
-82.5°	82.2	76.7	68.5	63.0	57.5	49.3	41.1	32.9	21.9	16.4	11.0
-85°	63.0	57.5	54.8	49.3	43.8	35.6	27.4	21.9	16.4	11.0	5.5
-87.5°	32.9	30.1	27.4	24.7	21.9	16.4	13.7	11.0	8.2	5.5	2.7
-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: P722604

CATALOG NUMBER: IFLD-S-SA3C-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°	2.7	0.0	0.0	0.0
77.5°	2.7	0.0	0.0	0.0
75°	2.7	2.7	0.0	0.0
72.5°	2.7	2.7	0.0	0.0
70°	2.7	2.7	0.0	0.0
67.5°	5.5	2.7	0.0	0.0
65°	5.5	2.7	0.0	0.0
62.5°	5.5	2.7	0.0	0.0
60°	5.5	2.7	0.0	0.0
57.5°	8.2	2.7	2.7	0.0
55°	8.2	2.7	2.7	0.0
52.5°	8.2	2.7	2.7	0.0
50°	8.2	5.5	2.7	0.0
47.5°	8.2	5.5	2.7	0.0
45°	8.2	5.5	2.7	0.0
42.5°	8.2	5.5	2.7	0.0
40°	11.0	5.5	2.7	0.0
37.5°	11.0	5.5	2.7	0.0
35°	11.0	5.5	2.7	0.0
32.5°	11.0	5.5	2.7	0.0
30°	11.0	5.5	2.7	0.0
27.5°	11.0	8.2	2.7	0.0
25°	11.0	8.2	2.7	0.0
22.5°	13.7	8.2	2.7	0.0
20°	13.7	8.2	2.7	0.0
17.5°	13.7	8.2	2.7	0.0
15°	13.7	8.2	2.7	0.0
12.5°	13.7	8.2	2.7	0.0
10°	13.7	8.2	2.7	0.0
7.5°	13.7	8.2	2.7	0.0
5°	13.7	8.2	2.7	0.0
2.5°	13.7	8.2	2.7	0.0
0°	13.7	8.2	2.7	0.0
-2.5°	13.7	8.2	2.7	0.0
-5°	13.7	8.2	2.7	0.0
-7.5°	13.7	8.2	2.7	0.0
-10°	13.7	8.2	2.7	0.0
-12.5°	16.4	8.2	2.7	0.0
-15°	16.4	8.2	2.7	0.0
-17.5°	16.4	8.2	2.7	0.0
-20°	16.4	8.2	2.7	0.0

REPORT NUMBER: P722604

CATALOG NUMBER: IFLD-S-SA3C-830-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	16.4	8.2	2.7	0.0
-25°	16.4	8.2	2.7	0.0
-27.5°	16.4	8.2	2.7	0.0
-30°	16.4	8.2	2.7	0.0
-32.5°	16.4	8.2	2.7	0.0
-35°	16.4	8.2	2.7	0.0
-37.5°	16.4	8.2	2.7	0.0
-40°	16.4	8.2	2.7	0.0
-42.5°	13.7	8.2	2.7	0.0
-45°	16.4	8.2	2.7	0.0
-47.5°	16.4	8.2	2.7	0.0
-50°	16.4	8.2	2.7	0.0
-52.5°	16.4	8.2	2.7	0.0
-55°	16.4	8.2	2.7	0.0
-57.5°	16.4	8.2	2.7	0.0
-60°	16.4	8.2	2.7	0.0
-62.5°	13.7	8.2	2.7	0.0
-65°	13.7	5.5	2.7	0.0
-67.5°	13.7	5.5	2.7	0.0
-70°	13.7	5.5	2.7	0.0
-72.5°	11.0	5.5	2.7	0.0
-75°	11.0	5.5	2.7	0.0
-77.5°	8.2	2.7	0.0	0.0
-80°	8.2	2.7	0.0	0.0
-82.5°	5.5	2.7	0.0	0.0
-85°	2.7	2.7	0.0	0.0
-87.5°	2.7	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)