

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: P722258

Luminaire Tested: **IFLD-S-SA3E-930-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722258
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3E-930-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (48) 3000K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

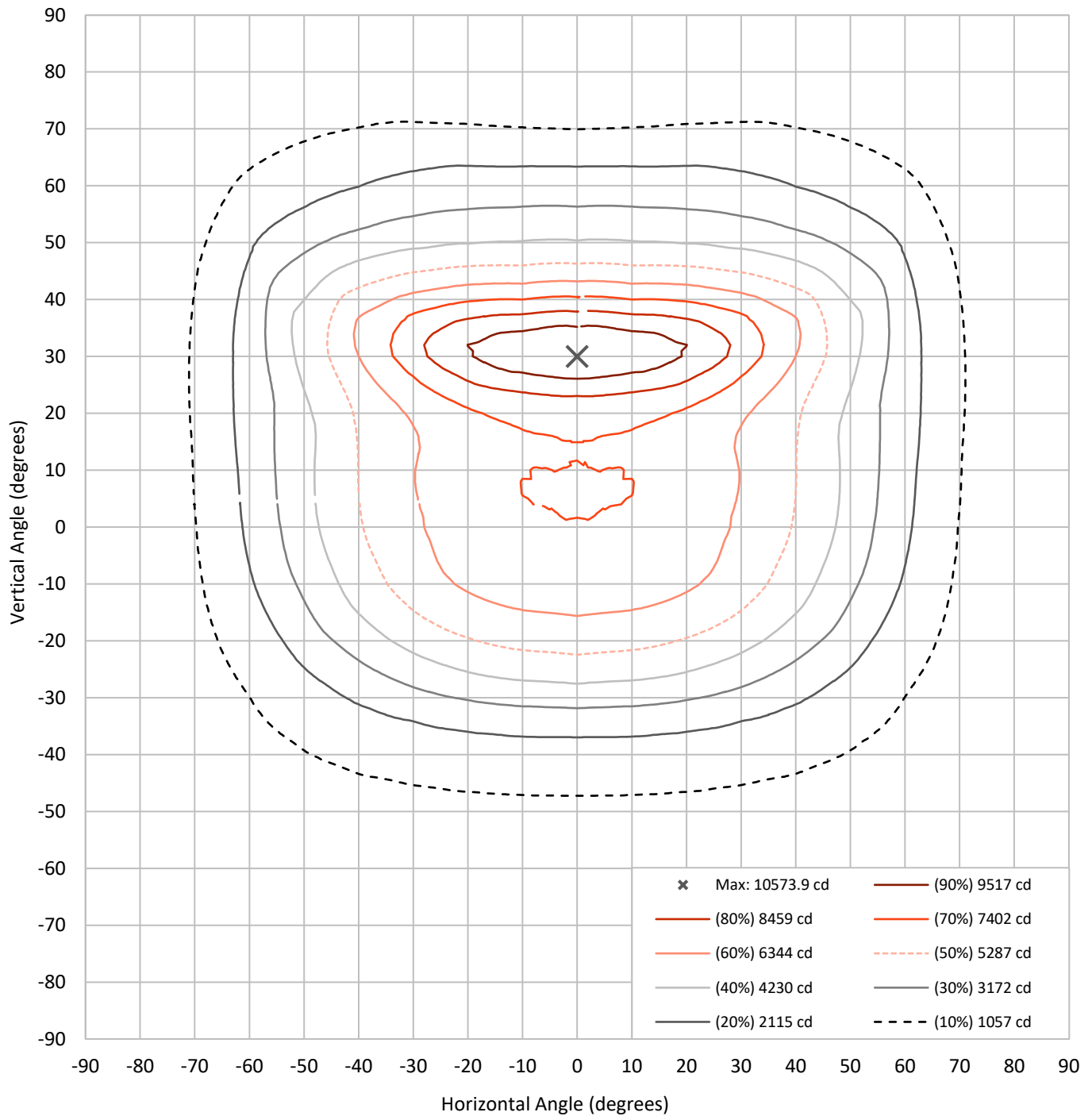
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	17650.5 lumens	Max Intensity:	10573.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	76.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	10264 lumens	Field Lumens:	16540.8 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 232.1
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: P722258
CATALOG NUMBER: IFLD-S-SA3E-930-U-76

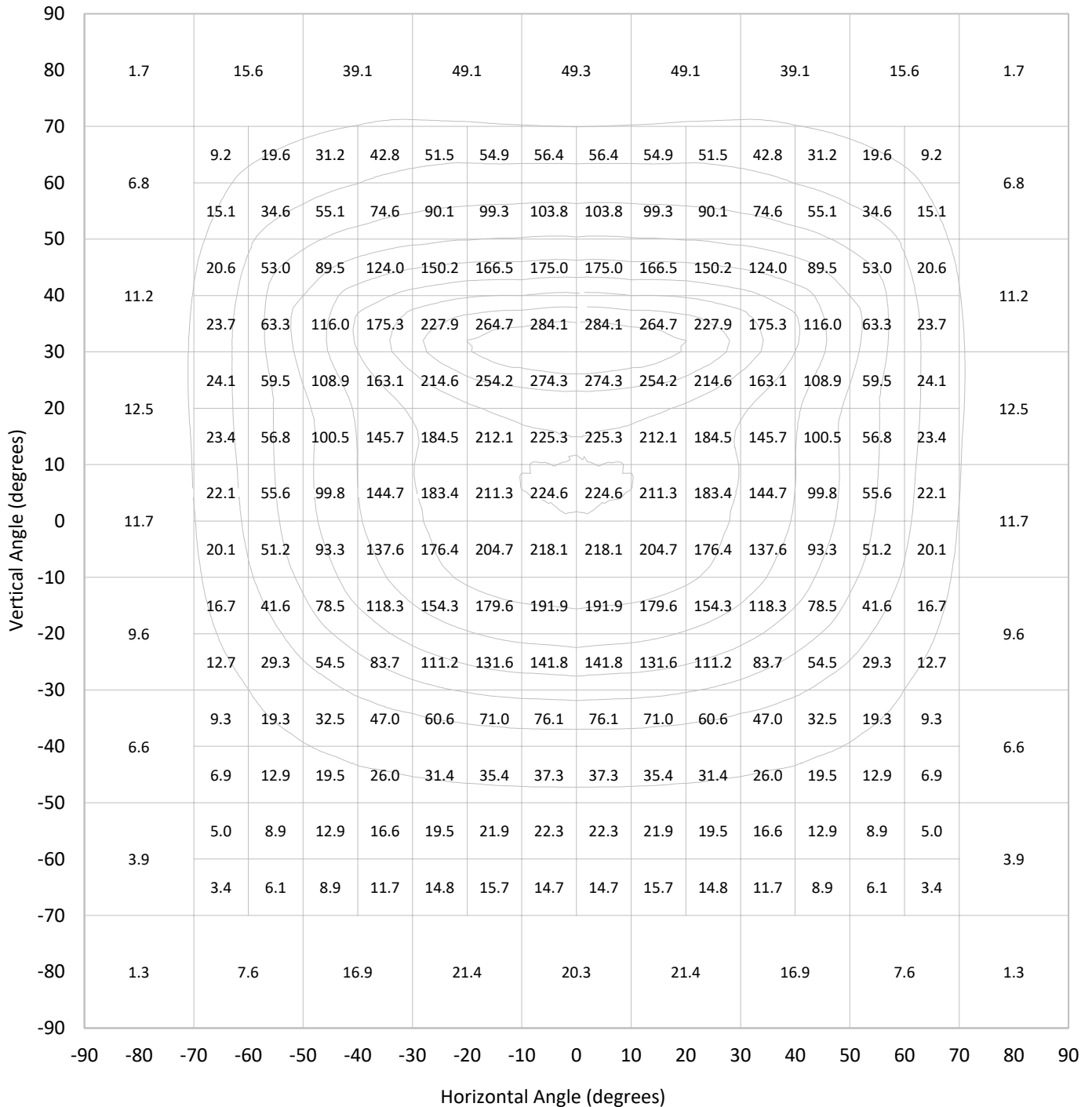
Iso-Candela Plot





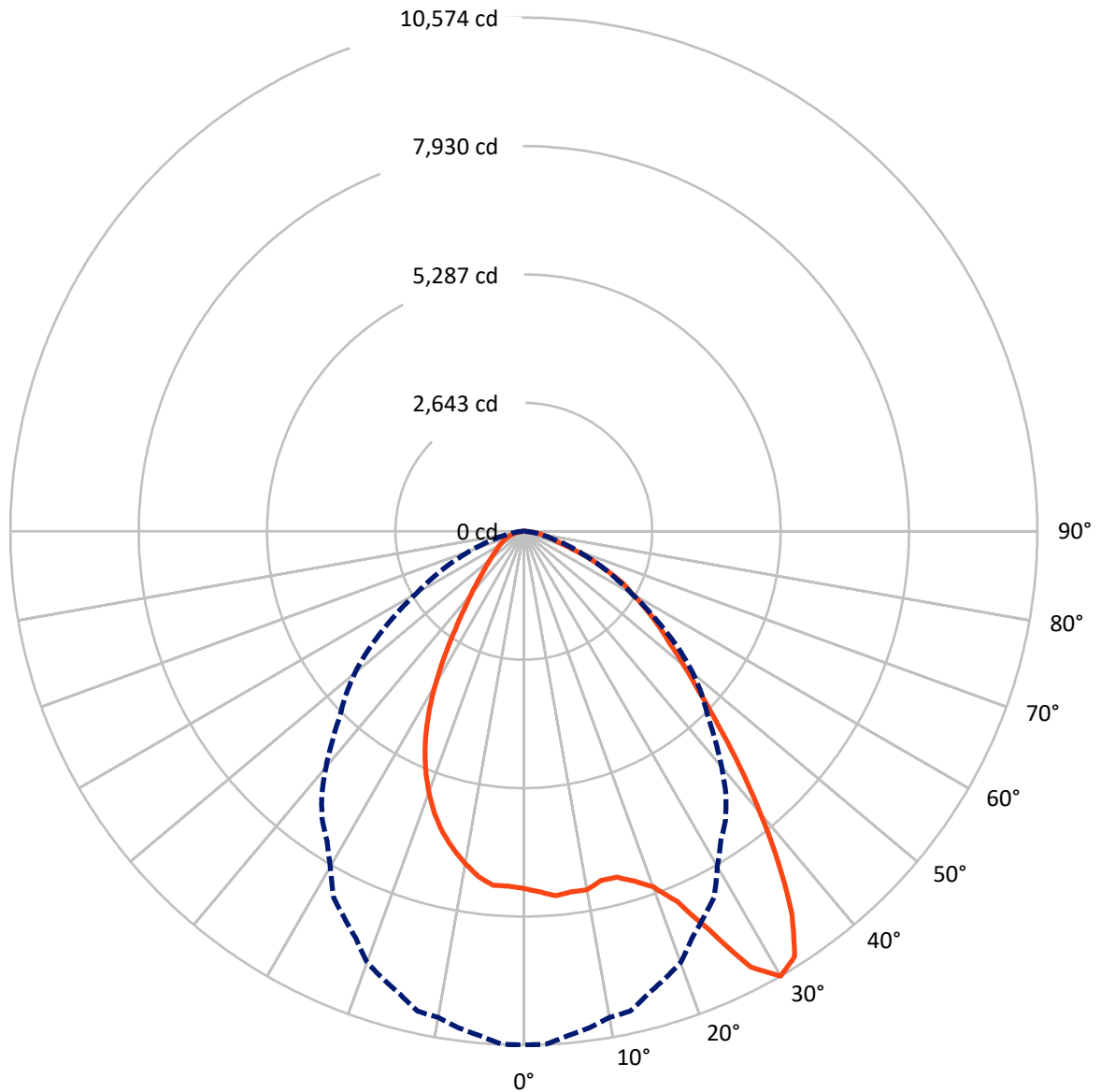
REPORT NUMBER: P722258
 CATALOG NUMBER: IFLD-S-SA3E-930-U-76

Lumen Table



REPORT NUMBER: P722258
CATALOG NUMBER: IFLD-S-SA3E-930-U-76

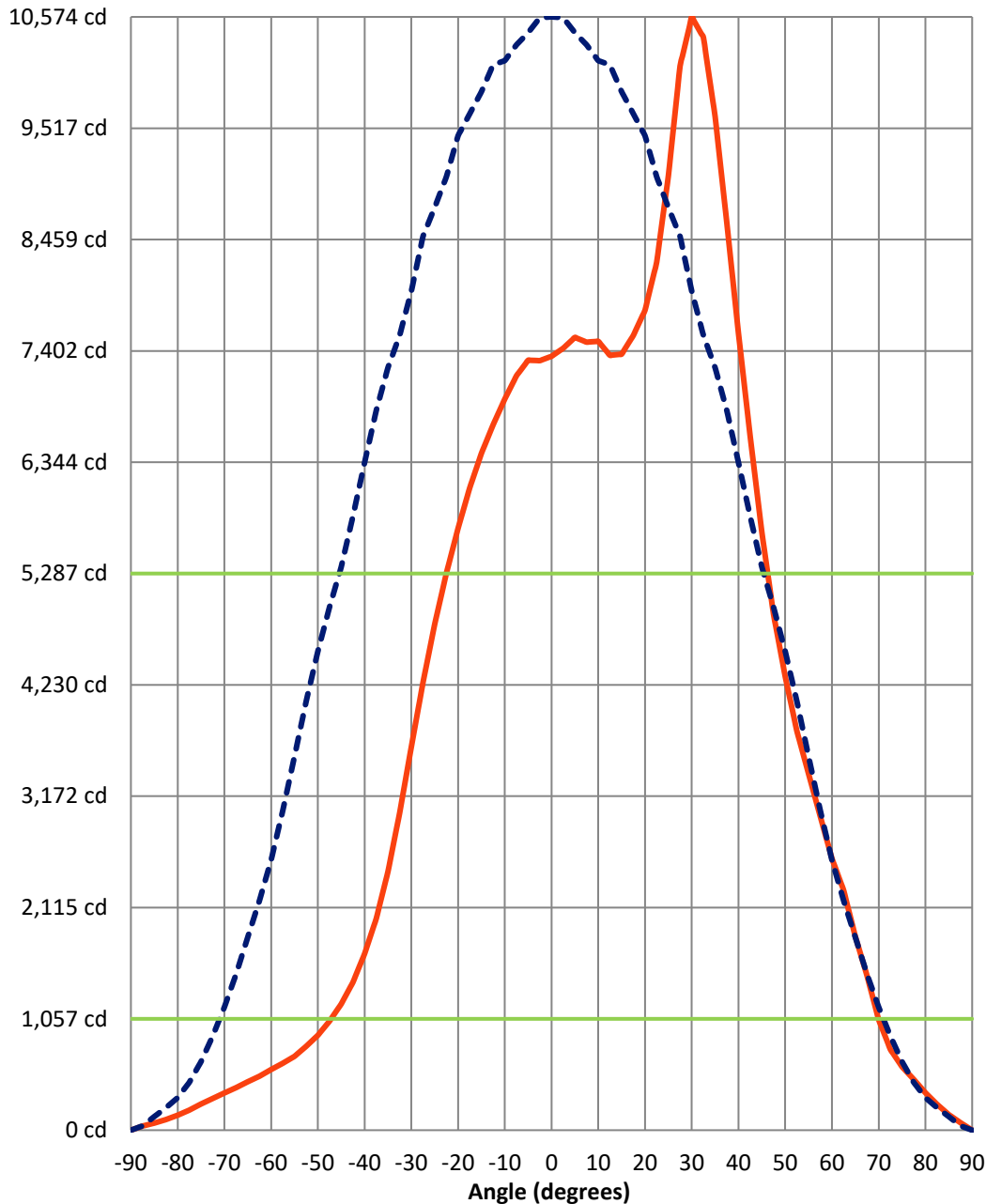
Luminous Intensity Polar Plot



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

REPORT NUMBER: P722258
 CATALOG NUMBER: IFLD-S-SA3E-930-U-76

Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 10264
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 16540.8
 Efficiency: 93.7%

Spill:
 Lumens: 1109.7
 Efficiency: 6.3%

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



REPORT NUMBER: P722258
 CATALOG NUMBER: IFLD-S-SA3E-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°	71.1	72.9	74.8	74.8	72.9	72.9	72.9	71.1	72.9	72.9	72.9
85°	147.7	151.5	155.2	153.3	151.5	147.7	144.0	145.8	147.7	149.6	149.6
82.5°	244.9	250.6	254.3	252.4	248.7	244.9	241.2	243.1	246.8	248.7	248.7
80°	355.3	357.1	359.0	362.7	357.1	357.1	355.3	362.7	366.5	370.2	374.0
77.5°	482.4	484.3	484.3	486.2	488.0	489.9	489.9	503.0	512.3	517.9	523.6
75°	602.1	607.7	613.3	618.9	626.4	630.1	635.7	654.4	669.4	680.6	691.8
72.5°	766.6	774.1	783.5	796.5	809.6	819.0	832.1	854.5	871.3	882.6	895.6
70°	1049.0	1056.5	1065.8	1075.2	1088.2	1097.6	1110.7	1138.7	1155.6	1163.0	1170.5
67.5°	1467.8	1486.5	1503.3	1484.6	1475.3	1462.2	1465.9	1492.1	1509.0	1520.2	1518.3
65°	1839.9	1853.0	1853.0	1851.1	1843.7	1826.8	1836.2	1868.0	1886.7	1896.0	1868.0
62.5°	2277.5	2277.5	2268.1	2283.1	2284.9	2273.7	2268.1	2270.0	2271.8	2277.5	2230.7
60°	2580.4	2599.1	2604.7	2617.8	2621.5	2621.5	2630.9	2638.3	2638.3	2627.1	2572.9
57.5°	2980.5	3016.0	3023.5	3014.2	2995.5	2971.2	2967.4	2956.2	2933.8	2911.3	2885.2
55°	3384.4	3403.1	3401.2	3395.6	3376.9	3348.9	3352.6	3337.7	3302.1	3274.1	3238.5
52.5°	3790.1	3835.0	3842.5	3831.3	3805.1	3775.2	3777.1	3760.2	3724.7	3694.8	3646.2
50°	4308.1	4345.5	4341.7	4323.1	4285.7	4263.2	4265.1	4233.3	4192.2	4182.8	4119.2
47.5°	4900.8	4943.8	4936.4	4910.2	4859.7	4850.3	4859.7	4818.6	4794.2	4773.7	4698.9
45°	5678.7	5729.2	5701.1	5650.6	5570.2	5579.6	5592.7	5585.2	5532.8	5478.6	5383.2
42.5°	6591.2	6622.9	6589.3	6538.8	6437.8	6456.5	6449.1	6404.2	6372.4	6282.6	6161.1
40°	7567.2	7636.4	7584.0	7505.5	7400.8	7428.8	7408.3	7350.3	7275.5	7163.3	7010.0
37.5°	8619.9	8674.2	8614.3	8522.7	8429.2	8419.9	8378.7	8289.0	8182.4	8059.0	7814.0
35°	9627.8	9768.0	9657.7	9511.8	9397.8	9354.8	9315.5	9108.0	8986.4	8786.3	8451.6
32.5°	10377.6	10480.4	10343.9	10192.5	10054.1	9994.3	9855.9	9609.1	9543.6	9122.9	8816.3
30°	10573.9	10566.4	10424.3	10308.4	10158.8	10117.7	9863.4	9653.9	9444.5	9055.6	8763.9
27.5°	10106.4	10059.7	9923.2	9822.2	9674.5	9625.9	9375.3	9263.1	8939.7	8610.6	8363.8
25°	9064.9	9089.3	8986.4	8935.9	8838.7	8734.0	8634.9	8483.4	8281.5	7993.5	7767.3
22.5°	8244.1	8275.9	8232.9	8173.0	8098.2	8040.3	7965.5	7847.7	7653.2	7475.6	7262.4
20°	7787.9	7778.5	7741.1	7696.2	7625.2	7584.0	7501.8	7402.7	7253.1	7099.8	6869.8
17.5°	7548.5	7490.5	7455.0	7438.2	7400.8	7348.4	7251.2	7150.2	7034.3	6860.4	6692.1
15°	7370.9	7380.2	7352.2	7339.1	7309.2	7236.2	7137.1	7054.9	6897.8	6809.9	6656.6
12.5°	7359.7	7350.3	7352.2	7346.6	7309.2	7215.7	7165.2	7060.5	6959.5	6843.6	6667.8
10°	7492.4	7393.3	7400.8	7427.0	7367.1	7292.3	7238.1	7124.1	7028.7	6881.0	6707.1
7.5°	7484.9	7434.5	7449.4	7406.4	7425.1	7333.5	7258.7	7144.6	7025.0	6867.9	6710.8
5°	7529.8	7453.2	7440.1	7443.8	7397.1	7327.9	7226.9	7118.5	7006.3	6830.5	6669.7
2.5°	7427.0	7438.2	7378.4	7355.9	7350.3	7234.4	7140.9	7036.2	6920.2	6765.1	6621.1
0°	7350.3	7370.9	7309.2	7277.4	7275.5	7176.4	7116.6	6996.9	6914.6	6785.6	6611.7
-2.5°	7309.2	7333.5	7341.0	7283.0	7226.9	7150.2	7049.3	6920.2	6785.6	6636.0	6486.4
-5°	7312.9	7264.3	7243.7	7262.4	7213.8	7137.1	7025.0	6910.9	6778.1	6617.3	6430.4
-7.5°	7165.2	7116.6	7112.8	7103.5	7092.3	7019.3	6925.9	6802.4	6667.8	6518.2	6344.3
-10°	6944.6	6909.0	6899.7	6890.3	6860.4	6817.4	6729.5	6617.3	6495.8	6346.2	6161.1
-12.5°	6699.6	6682.8	6647.3	6622.9	6593.0	6542.5	6458.4	6355.6	6234.0	6101.3	5942.3
-15°	6428.5	6396.7	6361.2	6340.6	6297.6	6237.8	6153.6	6058.3	5925.5	5794.6	5645.0
-17.5°	6101.3	6062.0	6022.7	6017.1	5987.2	5895.6	5817.0	5701.1	5585.2	5459.9	5314.1
-20°	5716.1	5661.9	5635.7	5620.7	5579.6	5512.3	5428.1	5321.5	5209.4	5089.7	4921.4



REPORT NUMBER: P722258

CATALOG NUMBER: IFLD-S-SA3E-930-U-76

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	5289.8	5243.0	5198.1	5170.1	5134.6	5082.2	5001.8	4908.3	4798.0	4663.4	4508.2
-25°	4805.5	4740.0	4712.0	4680.2	4661.5	4612.9	4534.3	4448.3	4334.3	4203.4	4055.7
-27.5°	4252.0	4199.6	4184.7	4139.8	4117.4	4066.9	4001.4	3921.0	3816.3	3692.9	3571.4
-30°	3640.6	3608.8	3584.5	3539.6	3522.8	3468.5	3425.5	3358.2	3262.9	3175.0	3077.7
-32.5°	3012.3	2980.5	2973.0	2952.5	2941.2	2905.7	2857.1	2808.5	2731.8	2666.4	2587.8
-35°	2455.1	2432.7	2434.5	2432.7	2421.4	2395.3	2335.4	2322.3	2266.2	2206.4	2155.9
-37.5°	2010.1	2011.9	2010.1	2008.2	1993.2	1982.0	1939.0	1922.2	1888.5	1830.6	1800.6
-40°	1675.4	1679.1	1677.2	1673.5	1656.7	1651.1	1623.0	1600.6	1587.5	1546.4	1514.6
-42.5°	1404.2	1409.9	1408.0	1406.1	1394.9	1393.0	1378.1	1351.9	1344.4	1320.1	1286.4
-45°	1198.6	1196.7	1193.0	1196.7	1191.1	1185.5	1176.1	1159.3	1149.9	1138.7	1110.7
-47.5°	1035.9	1037.8	1034.0	1034.0	1026.5	1020.9	1017.2	1006.0	998.5	989.1	972.3
-50°	901.3	908.7	906.9	905.0	899.4	895.6	895.6	884.4	873.2	869.5	858.3
-52.5°	796.5	802.2	804.0	807.8	809.6	811.5	805.9	794.7	776.0	774.1	768.5
-55°	701.2	718.0	729.2	736.7	744.2	749.8	738.6	723.6	704.9	697.4	695.6
-57.5°	635.7	652.6	665.7	676.9	686.2	695.6	684.4	669.4	652.6	643.2	641.4
-60°	575.9	590.9	604.0	618.9	632.0	647.0	641.4	630.1	620.8	613.3	605.8
-62.5°	512.3	527.3	542.3	560.9	577.8	592.7	594.6	592.7	590.9	592.7	579.6
-65°	460.0	467.5	476.8	497.4	516.1	532.9	542.3	547.9	557.2	566.6	553.5
-67.5°	403.9	413.2	424.5	439.4	454.4	465.6	478.7	493.6	508.6	523.6	514.2
-70°	353.4	360.9	370.2	377.7	387.1	394.5	405.8	422.6	439.4	454.4	450.6
-72.5°	301.0	308.5	314.1	317.9	323.5	327.2	332.8	347.8	359.0	366.5	366.5
-75°	248.7	256.2	261.8	263.6	267.4	269.3	273.0	278.6	284.2	286.1	288.0
-77.5°	190.7	198.2	203.8	207.6	211.3	215.0	216.9	220.6	222.5	222.5	224.4
-80°	142.1	147.7	151.5	157.1	158.9	162.7	166.4	168.3	170.2	170.2	172.0
-82.5°	101.0	104.7	108.5	112.2	115.9	117.8	121.5	123.4	125.3	127.1	129.0
-85°	67.3	71.1	74.8	78.5	80.4	82.3	84.1	86.0	87.9	89.8	91.6
-87.5°	39.3	41.1	43.0	46.7	48.6	52.4	54.2	52.4	54.2	54.2	54.2
-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: P722258
 CATALOG NUMBER: IFLD-S-SA3E-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°	72.9	72.9	72.9	72.9	71.1	67.3	65.4	61.7	58.0	54.2	50.5
85°	151.5	153.3	153.3	153.3	149.6	147.7	142.1	136.5	129.0	117.8	108.5
82.5°	252.4	254.3	254.3	252.4	248.7	243.1	235.6	226.2	211.3	196.3	183.2
80°	379.6	381.4	381.4	379.6	370.2	360.9	351.5	340.3	321.6	301.0	278.6
77.5°	531.0	534.8	534.8	529.2	516.1	504.9	489.9	471.2	443.2	413.2	383.3
75°	706.8	716.1	718.0	712.4	695.6	675.0	650.7	618.9	575.9	538.5	503.0
72.5°	910.6	920.0	927.4	920.0	895.6	867.6	832.1	794.7	751.7	701.2	641.4
70°	1178.0	1187.3	1193.0	1168.6	1125.6	1078.9	1035.9	992.9	942.4	880.7	815.2
67.5°	1514.6	1505.2	1494.0	1445.4	1391.2	1335.1	1275.2	1211.7	1146.2	1080.8	1004.1
65°	1838.0	1811.9	1787.6	1729.6	1660.4	1587.5	1518.3	1447.2	1368.7	1286.4	1213.5
62.5°	2178.4	2122.3	2062.4	1991.4	1920.3	1839.9	1770.7	1686.6	1598.7	1497.7	1404.2
60°	2513.1	2445.7	2385.9	2298.0	2204.5	2096.1	2021.3	1939.0	1836.2	1727.7	1617.4
57.5°	2836.5	2763.6	2698.2	2621.5	2520.5	2402.7	2320.5	2213.9	2105.4	1968.9	1856.7
55°	3180.6	3107.7	3055.3	2969.3	2859.0	2750.5	2660.8	2548.6	2397.1	2251.3	2112.9
52.5°	3575.1	3517.2	3461.1	3373.2	3240.4	3130.1	3031.0	2905.7	2746.8	2567.3	2400.9
50°	4016.4	3986.5	3926.6	3823.8	3672.4	3575.1	3444.2	3277.8	3107.7	2918.8	2711.3
47.5°	4601.7	4553.0	4468.9	4356.7	4229.6	4083.7	3907.9	3713.5	3472.3	3262.9	3042.2
45°	5301.0	5211.2	5102.8	4951.3	4794.2	4629.7	4437.1	4190.3	3866.8	3593.8	3362.0
42.5°	6058.3	5936.7	5789.0	5590.8	5387.0	5185.0	4977.5	4640.9	4237.0	3922.9	3661.1
40°	6849.2	6694.0	6508.9	6220.9	5994.7	5734.8	5497.3	4994.3	4564.3	4224.0	3945.3
37.5°	7623.3	7427.0	7116.6	6766.9	6503.3	6290.1	5768.4	5229.9	4844.7	4470.8	4188.4
35°	8216.0	8049.6	7501.8	7139.0	6912.8	6576.2	5923.6	5372.0	4964.4	4654.0	4214.6
32.5°	8567.6	8137.5	7657.0	7290.5	7103.5	6551.9	5934.8	5413.2	5020.5	4672.7	4147.3
30°	8489.0	7969.2	7548.5	7241.9	6836.1	6340.6	5830.1	5349.6	4968.1	4547.4	4072.5
27.5°	8016.0	7614.0	7238.1	6918.4	6520.1	6075.1	5603.9	5181.3	4826.0	4418.4	3969.7
25°	7481.2	7116.6	6838.0	6559.4	6181.7	5757.2	5342.1	5037.3	4680.2	4278.2	3835.0
22.5°	6989.4	6727.7	6508.9	6217.2	5848.8	5478.6	5220.6	4904.6	4538.1	4130.5	3696.7
20°	6675.3	6497.7	6247.1	5925.5	5635.7	5403.8	5117.7	4783.0	4405.3	3979.0	3578.9
17.5°	6523.8	6318.2	6039.6	5830.1	5607.6	5353.3	5033.6	4678.3	4276.3	3909.8	3591.9
15°	6445.3	6228.4	6045.2	5839.5	5588.9	5321.5	4966.3	4597.9	4276.3	3937.9	3601.3
12.5°	6462.1	6275.2	6075.1	5850.7	5581.4	5295.4	4973.8	4631.6	4298.7	3958.4	3603.2
10°	6514.5	6318.2	6105.0	5856.3	5585.2	5302.8	4994.3	4652.1	4310.0	3967.8	3599.4
7.5°	6533.2	6320.0	6091.9	5841.4	5575.8	5299.1	4998.1	4657.8	4311.8	3965.9	3588.2
5°	6475.2	6282.6	6062.0	5809.6	5549.7	5280.4	4983.1	4650.3	4296.9	3947.2	3560.2
2.5°	6396.7	6241.5	6030.2	5787.1	5523.5	5254.2	4958.8	4616.6	4263.2	3913.6	3524.6
0°	6383.6	6191.0	5977.9	5761.0	5480.5	5196.3	4902.7	4553.0	4201.5	3850.0	3462.9
-2.5°	6297.6	6093.8	5880.6	5645.0	5398.2	5112.1	4803.6	4461.4	4113.6	3767.7	3395.6
-5°	6232.2	6005.9	5779.7	5525.4	5276.7	4990.6	4670.8	4338.0	3997.7	3661.1	3302.1
-7.5°	6144.3	5912.4	5674.9	5409.4	5140.2	4848.5	4532.5	4199.6	3864.9	3530.2	3186.2
-10°	5966.6	5762.8	5540.3	5265.4	4981.2	4689.5	4375.4	4048.2	3713.5	3375.0	3029.1
-12.5°	5751.6	5536.6	5293.5	5041.1	4786.8	4515.6	4201.5	3879.9	3543.3	3203.0	2859.0
-15°	5473.0	5261.7	5013.0	4766.2	4521.3	4261.3	3984.6	3694.8	3352.6	3017.9	2673.9
-17.5°	5125.2	4927.0	4704.5	4468.9	4225.8	3964.0	3694.8	3449.8	3130.1	2816.0	2475.7
-20°	4751.2	4566.1	4366.1	4143.5	3900.5	3644.3	3390.0	3133.8	2857.1	2580.4	2264.4



REPORT NUMBER: P722258

CATALOG NUMBER: IFLD-S-SA3E-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°	4362.3	4175.3	3973.4	3765.8	3541.5	3304.0	3068.4	2823.4	2580.4	2329.8	2062.4
-25°	3913.6	3749.0	3563.9	3362.0	3161.9	2954.3	2730.0	2507.4	2299.9	2083.0	1864.2
-27.5°	3444.2	3292.8	3124.5	2948.7	2776.7	2602.8	2408.3	2202.7	2030.6	1851.1	1669.8
-30°	2950.6	2829.1	2692.6	2539.2	2406.5	2266.2	2103.6	1933.4	1776.3	1639.8	1494.0
-32.5°	2483.1	2380.3	2283.1	2182.1	2051.2	1942.8	1830.6	1705.3	1566.9	1437.9	1333.2
-35°	2081.1	1970.8	1929.7	1854.9	1761.4	1666.0	1583.7	1494.0	1389.3	1275.2	1189.2
-37.5°	1742.7	1677.2	1619.3	1578.1	1516.4	1439.8	1374.3	1308.9	1228.5	1142.5	1056.5
-40°	1479.0	1434.2	1370.6	1350.0	1310.8	1258.4	1191.1	1140.6	1086.4	1020.9	948.0
-42.5°	1267.7	1234.1	1193.0	1157.4	1140.6	1103.2	1050.8	1002.2	959.2	914.3	858.3
-45°	1093.9	1071.4	1045.2	1013.4	1000.4	970.4	933.0	878.8	854.5	817.1	776.0
-47.5°	953.6	942.4	923.7	903.1	884.4	862.0	828.3	794.7	761.0	736.7	704.9
-50°	843.3	835.8	824.6	807.8	783.5	768.5	746.1	716.1	684.4	663.8	641.4
-52.5°	755.4	747.9	740.5	727.4	708.7	693.7	675.0	650.7	624.5	604.0	585.3
-55°	688.1	676.9	671.3	660.1	645.1	628.3	611.4	594.6	572.2	553.5	534.8
-57.5°	635.7	620.8	613.3	604.0	589.0	572.2	559.1	542.3	527.3	506.7	489.9
-60°	594.6	577.8	562.8	553.5	540.4	523.6	510.5	497.4	482.4	465.6	445.0
-62.5°	560.9	540.4	519.8	508.6	495.5	480.5	467.5	454.4	439.4	422.6	403.9
-65°	529.2	504.9	478.7	467.5	454.4	439.4	422.6	413.2	400.1	385.2	366.5
-67.5°	489.9	463.7	441.3	428.2	415.1	402.0	387.1	377.7	364.6	345.9	327.2
-70°	431.9	415.1	400.1	388.9	377.7	366.5	351.5	336.6	321.6	304.8	288.0
-72.5°	359.0	353.4	351.5	345.9	332.8	319.7	304.8	289.8	276.7	263.6	250.6
-75°	289.8	293.6	297.3	295.4	282.3	269.3	256.2	243.1	233.7	222.5	211.3
-77.5°	230.0	233.7	237.5	237.5	228.1	220.6	211.3	201.9	194.5	185.1	173.9
-80°	177.6	183.2	188.9	192.6	185.1	179.5	172.0	164.5	157.1	149.6	142.1
-82.5°	134.6	140.2	145.8	149.6	144.0	140.2	134.6	129.0	123.4	115.9	110.3
-85°	97.2	101.0	104.7	106.6	102.8	99.1	95.4	91.6	87.9	82.3	78.5
-87.5°	56.1	58.0	59.8	61.7	58.0	54.2	52.4	48.6	46.7	43.0	41.1
-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: P722258
 CATALOG NUMBER: IFLD-S-SA3E-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°	46.7	43.0	39.3	37.4	33.7	28.0	24.3	20.6	16.8	13.1	11.2
85°	99.1	89.8	78.5	72.9	65.4	58.0	50.5	43.0	35.5	28.0	20.6
82.5°	170.2	158.9	147.7	134.6	117.8	97.2	76.7	63.6	52.4	41.1	31.8
80°	256.2	235.6	216.9	200.1	181.4	155.2	127.1	101.0	71.1	54.2	41.1
77.5°	355.3	331.0	304.8	276.7	246.8	211.3	179.5	145.8	110.3	74.8	52.4
75°	467.5	435.7	400.1	360.9	321.6	274.9	230.0	190.7	149.6	104.7	63.6
72.5°	592.7	553.5	510.5	458.1	396.4	342.2	288.0	235.6	187.0	132.8	86.0
70°	753.5	691.8	628.3	572.2	493.6	407.6	344.0	284.2	222.5	162.7	108.5
67.5°	925.6	850.8	774.1	691.8	592.7	491.8	400.1	332.8	259.9	190.7	129.0
65°	1112.6	1019.1	921.8	830.2	693.7	574.0	471.2	379.6	295.4	216.9	149.6
62.5°	1305.1	1194.8	1082.6	963.0	805.9	658.2	538.5	431.9	329.1	241.2	168.3
60°	1510.8	1381.8	1245.3	1095.7	912.5	749.8	602.1	486.2	364.6	265.5	188.9
57.5°	1727.7	1587.5	1426.7	1224.7	1022.8	837.7	675.0	534.8	396.4	288.0	203.8
55°	1963.3	1802.5	1626.8	1359.4	1131.2	925.6	747.9	583.4	430.1	306.7	218.8
52.5°	2217.6	2030.6	1808.1	1501.5	1245.3	1015.3	815.2	626.4	461.8	327.2	231.9
50°	2501.8	2266.2	1967.1	1632.4	1344.4	1099.5	882.6	673.1	488.0	349.7	243.1
47.5°	2797.3	2543.0	2109.2	1753.9	1445.4	1181.7	951.7	714.3	514.2	368.4	254.3
45°	3105.8	2735.6	2256.9	1862.4	1533.3	1256.5	1004.1	751.7	546.0	385.2	263.6
42.5°	3410.6	2881.4	2385.9	1970.8	1615.5	1323.8	1047.1	787.2	572.2	402.0	273.0
40°	3554.6	2991.7	2488.7	2045.6	1684.7	1383.7	1084.5	819.0	594.6	413.2	282.3
37.5°	3614.4	3059.0	2556.1	2116.6	1738.9	1415.5	1116.3	847.0	613.3	424.5	289.8
35°	3627.5	3083.4	2589.7	2165.3	1783.8	1445.4	1140.6	867.6	628.3	435.7	297.3
32.5°	3603.2	3075.9	2599.1	2182.1	1811.9	1467.8	1157.4	882.6	639.5	446.9	304.8
30°	3548.9	3036.6	2565.4	2180.2	1832.4	1480.9	1168.6	893.8	650.7	454.4	308.5
27.5°	3461.1	2967.4	2522.4	2182.1	1843.7	1486.5	1174.3	899.4	658.2	460.0	316.0
25°	3352.6	2873.9	2524.3	2178.4	1845.5	1488.4	1174.3	899.4	660.1	461.8	321.6
22.5°	3227.3	2873.9	2524.3	2172.7	1834.3	1484.6	1168.6	895.6	660.1	465.6	327.2
20°	3234.8	2875.8	2518.7	2161.5	1817.5	1473.4	1155.6	886.3	654.4	471.2	331.0
17.5°	3240.4	2872.1	2507.4	2146.6	1795.0	1454.7	1138.7	873.2	654.4	476.8	332.8
15°	3240.4	2860.8	2490.6	2124.1	1767.0	1428.6	1114.4	862.0	656.3	478.7	336.6
12.5°	3234.8	2840.3	2464.4	2094.2	1733.3	1396.8	1099.5	858.3	656.3	480.5	336.6
10°	3223.6	2812.2	2430.8	2056.8	1701.5	1385.5	1092.0	850.8	652.6	480.5	336.6
7.5°	3203.0	2778.6	2402.7	2034.4	1682.8	1372.5	1080.8	839.6	647.0	476.8	340.3
5°	3171.2	2759.9	2380.3	2008.2	1656.7	1363.1	1073.3	830.2	643.2	476.8	336.6
2.5°	3130.1	2737.4	2354.1	1974.5	1626.8	1331.3	1049.0	809.6	630.1	469.3	332.8
0°	3062.8	2692.6	2309.2	1927.8	1585.6	1299.5	1024.7	789.1	617.0	461.8	329.1
-2.5°	3001.1	2632.7	2251.3	1879.2	1546.4	1271.5	1006.0	777.9	611.4	460.0	327.2
-5°	2915.1	2550.5	2174.6	1815.6	1494.0	1243.4	987.3	764.8	605.8	456.2	327.2
-7.5°	2819.7	2464.4	2094.2	1750.2	1441.6	1194.8	951.7	744.2	592.7	448.8	325.4
-10°	2672.0	2335.4	1993.2	1675.4	1385.5	1151.8	921.8	725.5	581.5	441.3	317.9
-12.5°	2514.9	2193.3	1877.3	1583.7	1322.0	1106.9	888.2	704.9	568.4	433.8	314.1
-15°	2348.5	2047.5	1755.8	1488.4	1252.8	1052.7	852.6	682.5	555.3	424.5	308.5
-17.5°	2174.6	1894.1	1630.5	1391.2	1183.6	996.6	815.2	661.9	540.4	415.1	302.9
-20°	1991.4	1737.1	1503.3	1292.1	1110.7	940.5	776.0	637.6	523.6	403.9	295.4



REPORT NUMBER: P722258

CATALOG NUMBER: IFLD-S-SA3E-930-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1810.0	1581.9	1372.5	1194.8	1035.9	882.6	736.7	613.3	504.9	390.8	289.8
-25°	1649.2	1436.0	1256.5	1101.3	963.0	826.5	695.6	589.0	484.3	377.7	282.3
-27.5°	1492.1	1310.8	1142.5	1013.4	891.9	772.2	656.3	562.8	463.7	362.7	274.9
-30°	1346.3	1191.1	1052.7	927.4	824.6	723.6	622.7	536.6	441.3	347.8	265.5
-32.5°	1213.5	1088.2	972.3	852.6	761.0	675.0	590.9	510.5	418.8	332.8	256.2
-35°	1090.1	992.9	891.9	790.9	697.4	630.1	557.2	482.4	398.3	316.0	246.8
-37.5°	979.8	901.3	820.9	734.8	654.4	587.1	525.4	454.4	377.7	301.0	237.5
-40°	884.4	820.9	749.8	680.6	613.3	549.7	493.6	426.3	357.1	289.8	228.1
-42.5°	796.5	747.9	690.0	632.0	572.2	516.1	461.8	396.4	336.6	276.7	218.8
-45°	729.2	680.6	633.9	581.5	531.0	482.4	428.2	370.2	317.9	261.8	209.4
-47.5°	665.7	622.7	579.6	536.6	495.5	450.6	396.4	347.8	297.3	248.7	201.9
-50°	609.6	568.4	531.0	493.6	458.1	415.1	364.6	325.4	280.5	235.6	192.6
-52.5°	557.2	521.7	484.3	454.4	424.5	381.4	340.3	302.9	263.6	220.6	183.2
-55°	510.5	476.8	443.2	415.1	387.1	349.7	316.0	284.2	246.8	209.4	173.9
-57.5°	465.6	437.5	405.8	379.6	351.5	321.6	293.6	263.6	230.0	198.2	164.5
-60°	424.5	398.3	370.2	344.0	319.7	295.4	269.3	244.9	215.0	185.1	155.2
-62.5°	383.3	360.9	336.6	310.4	291.7	269.3	248.7	224.4	200.1	173.9	138.4
-65°	345.9	325.4	302.9	280.5	263.6	246.8	228.1	205.7	185.1	160.8	123.4
-67.5°	308.5	289.8	271.1	252.4	237.5	224.4	205.7	188.9	172.0	145.8	108.5
-70°	273.0	258.0	241.2	226.2	215.0	200.1	187.0	172.0	157.1	127.1	91.6
-72.5°	239.3	224.4	211.3	200.1	190.7	177.6	166.4	155.2	134.6	106.6	76.7
-75°	200.1	190.7	183.2	173.9	164.5	155.2	145.8	132.8	112.2	86.0	59.8
-77.5°	164.5	158.9	153.3	145.8	138.4	130.9	119.7	106.6	89.8	67.3	48.6
-80°	134.6	129.0	125.3	117.8	112.2	104.7	93.5	82.3	65.4	52.4	39.3
-82.5°	102.8	99.1	95.4	91.6	86.0	78.5	67.3	58.0	48.6	39.3	29.9
-85°	72.9	71.1	67.3	63.6	58.0	52.4	44.9	39.3	33.7	26.2	20.6
-87.5°	37.4	35.5	33.7	31.8	29.9	26.2	22.4	18.7	16.8	13.1	9.3
-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: P722258
 CATALOG NUMBER: IFLD-S-SA3E-930-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	7.5	5.6	1.9	0.0
85°	15.0	9.3	3.7	0.0
82.5°	22.4	15.0	5.6	0.0
80°	29.9	18.7	9.3	0.0
77.5°	37.4	22.4	11.2	0.0
75°	44.9	28.0	13.1	0.0
72.5°	50.5	31.8	15.0	0.0
70°	59.8	37.4	16.8	0.0
67.5°	74.8	41.1	18.7	0.0
65°	87.9	44.9	20.6	0.0
62.5°	102.8	48.6	22.4	0.0
60°	115.9	52.4	24.3	0.0
57.5°	129.0	61.7	26.2	0.0
55°	140.2	69.2	28.0	0.0
52.5°	153.3	76.7	29.9	0.0
50°	164.5	84.1	31.8	0.0
47.5°	173.9	91.6	31.8	0.0
45°	181.4	97.2	33.7	0.0
42.5°	187.0	102.8	35.5	0.0
40°	192.6	108.5	37.4	0.0
37.5°	198.2	114.1	37.4	0.0
35°	203.8	119.7	39.3	0.0
32.5°	209.4	125.3	39.3	0.0
30°	213.2	129.0	41.1	0.0
27.5°	218.8	132.8	41.1	0.0
25°	220.6	136.5	43.0	0.0
22.5°	224.4	138.4	43.0	0.0
20°	228.1	142.1	43.0	0.0
17.5°	230.0	144.0	44.9	0.0
15°	230.0	145.8	46.7	0.0
12.5°	231.9	147.7	46.7	0.0
10°	231.9	151.5	44.9	0.0
7.5°	235.6	149.6	44.9	0.0
5°	233.7	149.6	44.9	0.0
2.5°	231.9	147.7	44.9	0.0
0°	230.0	147.7	44.9	0.0
-2.5°	230.0	147.7	44.9	0.0
-5°	230.0	147.7	44.9	0.0
-7.5°	228.1	149.6	44.9	0.0
-10°	224.4	149.6	44.9	0.0
-12.5°	222.5	144.0	44.9	0.0
-15°	220.6	142.1	44.9	0.0
-17.5°	216.9	140.2	43.0	0.0
-20°	213.2	138.4	43.0	0.0



REPORT NUMBER: P722258

CATALOG NUMBER: IFLD-S-SA3E-930-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	209.4	134.6	43.0	0.0
-25°	205.7	130.9	41.1	0.0
-27.5°	201.9	127.1	41.1	0.0
-30°	196.3	123.4	39.3	0.0
-32.5°	190.7	119.7	39.3	0.0
-35°	187.0	114.1	37.4	0.0
-37.5°	181.4	108.5	37.4	0.0
-40°	175.8	102.8	35.5	0.0
-42.5°	170.2	97.2	33.7	0.0
-45°	162.7	91.6	33.7	0.0
-47.5°	157.1	86.0	31.8	0.0
-50°	147.7	78.5	29.9	0.0
-52.5°	136.5	71.1	28.0	0.0
-55°	125.3	65.4	26.2	0.0
-57.5°	114.1	58.0	26.2	0.0
-60°	102.8	50.5	24.3	0.0
-62.5°	91.6	46.7	22.4	0.0
-65°	80.4	43.0	20.6	0.0
-67.5°	67.3	37.4	18.7	0.0
-70°	56.1	33.7	16.8	0.0
-72.5°	48.6	29.9	15.0	0.0
-75°	41.1	26.2	13.1	0.0
-77.5°	35.5	22.4	11.2	0.0
-80°	28.0	16.8	7.5	0.0
-82.5°	20.6	13.1	5.6	0.0
-85°	13.1	9.3	3.7	0.0
-87.5°	7.5	3.7	1.9	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)