

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: P722285

Luminaire Tested: **IFLD-S-SA3C-935-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722285
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3C-935-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (48) 3500K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

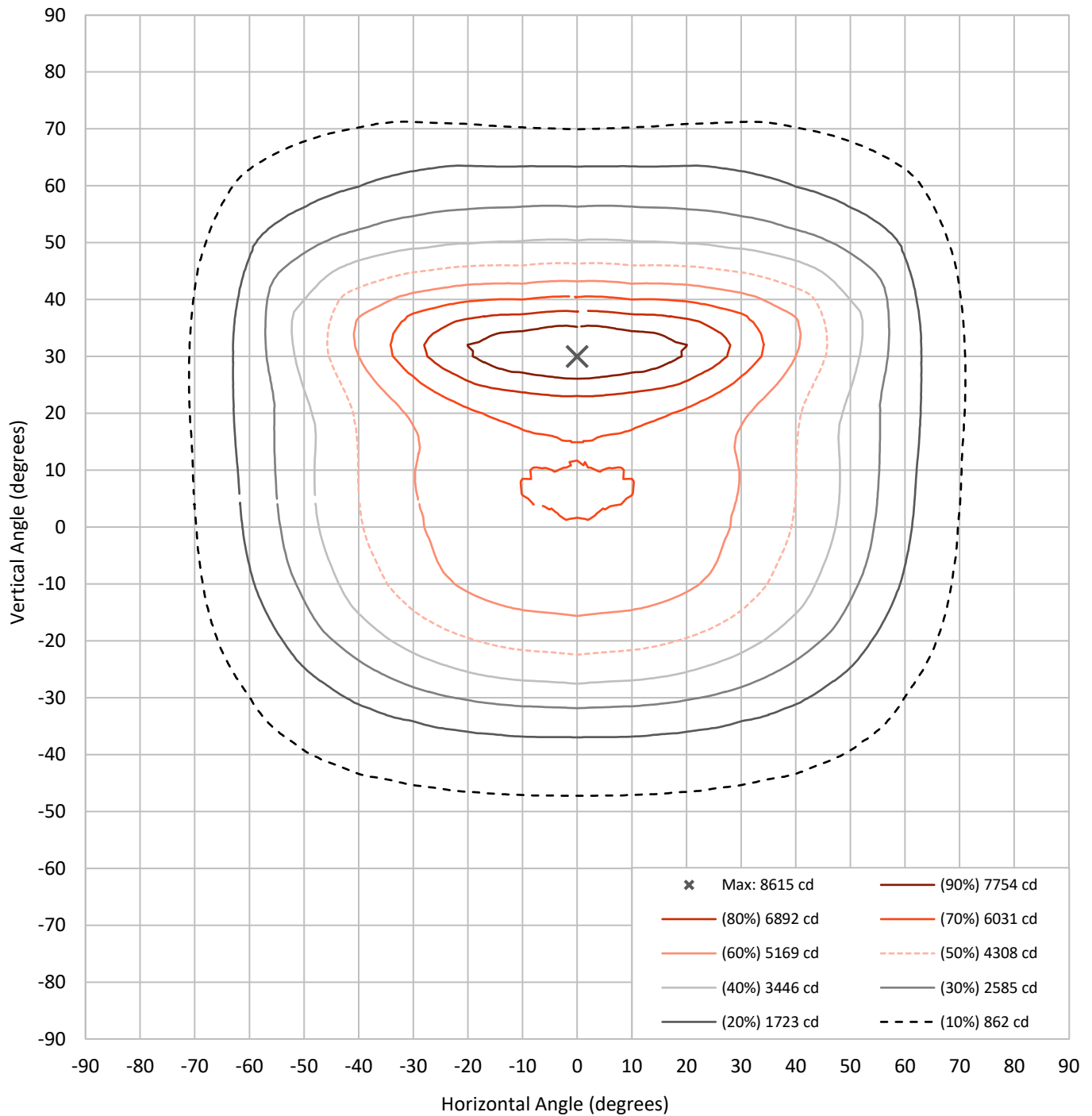
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	14380.6 lumens	Max Intensity:	8615 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	89.4 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:	8362.5 lumens	Field Lumens:	13476.5 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%
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: P722285
CATALOG NUMBER: IFLD-S-SA3C-935-U-76

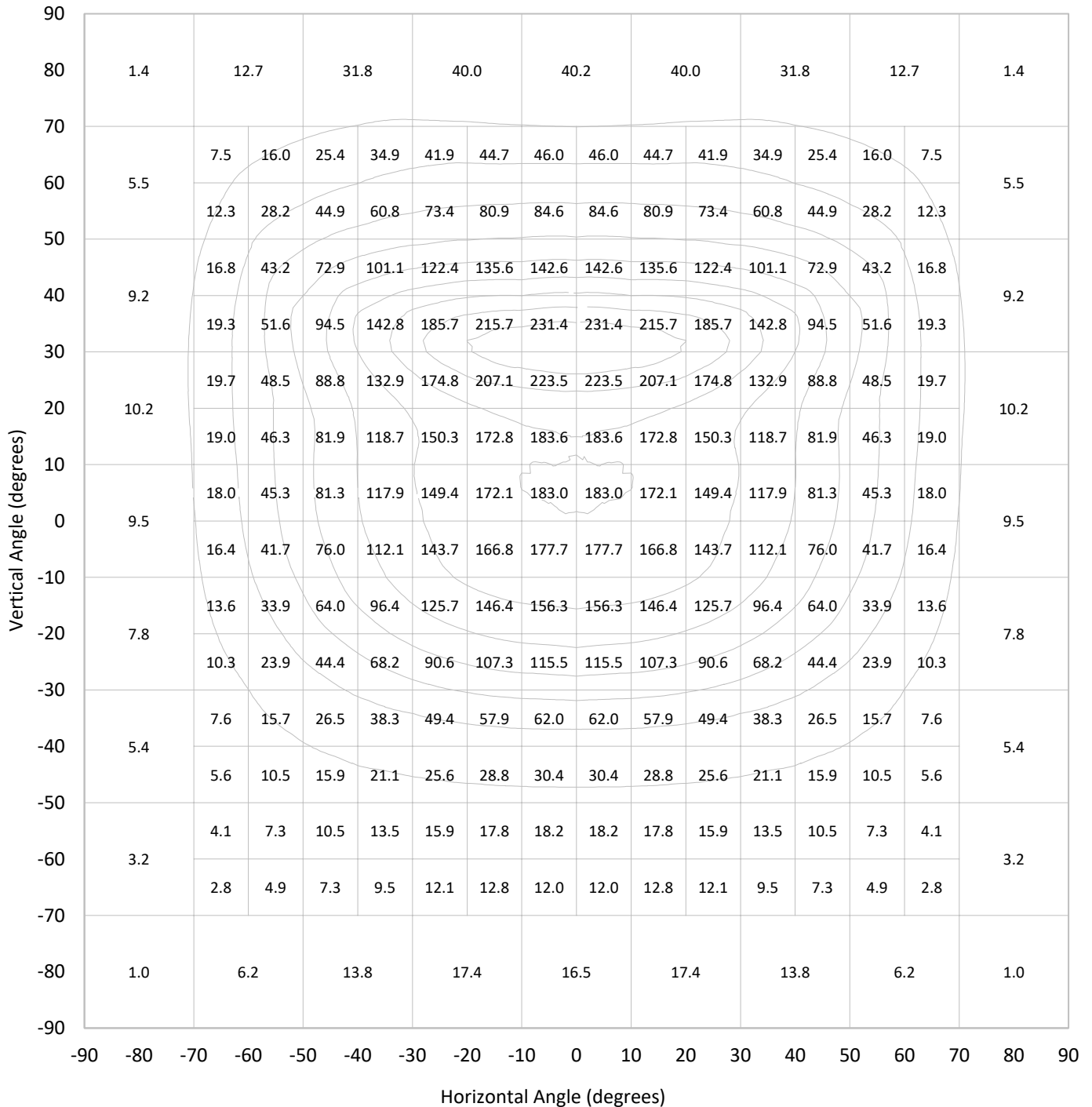
Iso-Candela Plot





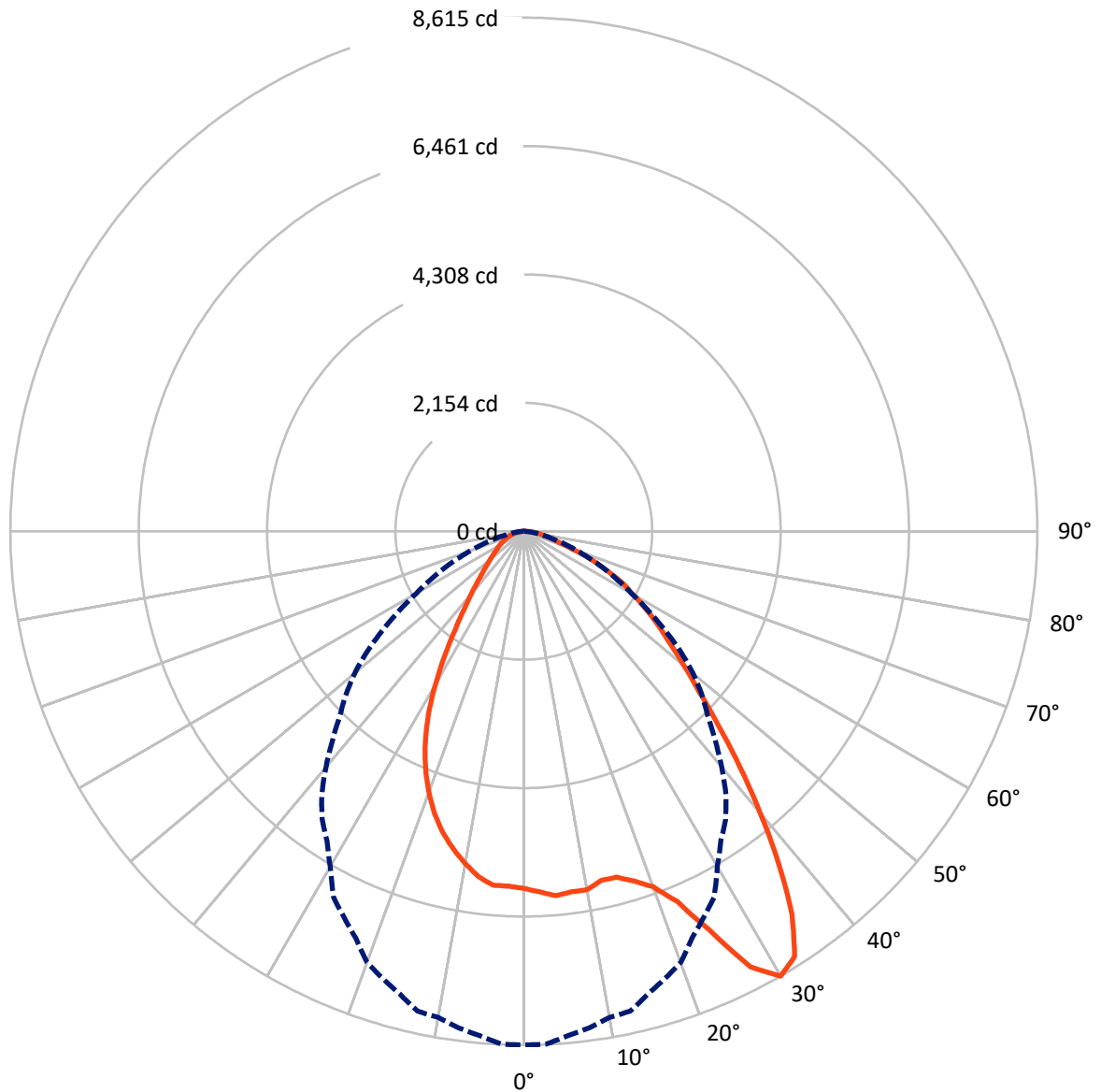
REPORT NUMBER: P722285
 CATALOG NUMBER: IFLD-S-SA3C-935-U-76

Lumen Table



REPORT NUMBER: P722285
CATALOG NUMBER: IFLD-S-SA3C-935-U-76

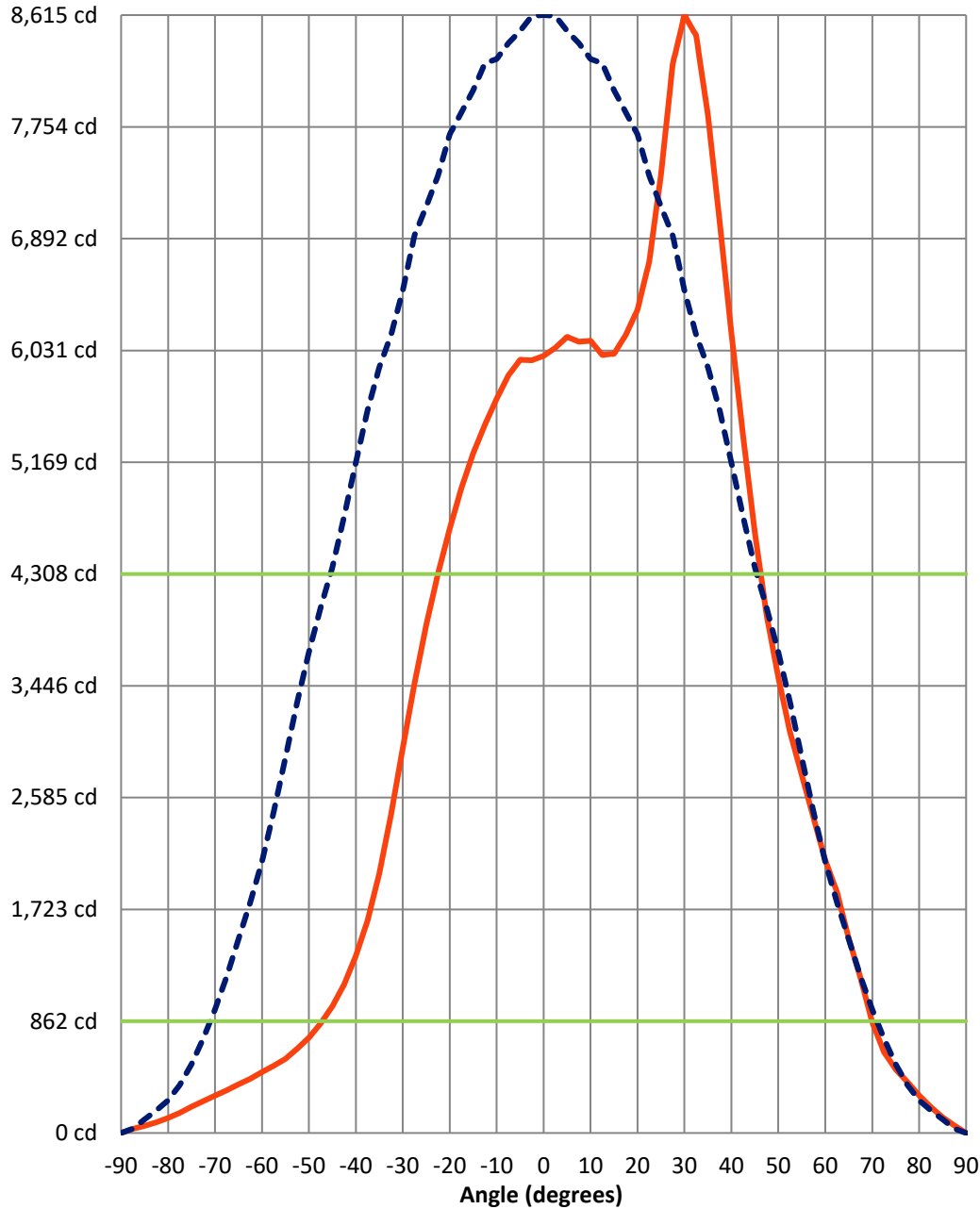
Luminous Intensity Polar Plot



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

REPORT NUMBER: P722285
 CATALOG NUMBER: IFLD-S-SA3C-935-U-76

Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 8362.5
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 13476.5
 Efficiency: 93.7%

Spill:
 Lumens: 904.1
 Efficiency: 6.3%

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



REPORT NUMBER: P722285
 CATALOG NUMBER: IFLD-S-SA3C-935-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°	57.9	59.4	60.9	60.9	59.4	59.4	59.4	57.9	59.4	59.4	59.4
85°	120.4	123.4	126.4	124.9	123.4	120.4	117.3	118.8	120.4	121.9	121.9
82.5°	199.6	204.1	207.2	205.7	202.6	199.6	196.5	198.0	201.1	202.6	202.6
80°	289.5	291.0	292.5	295.5	291.0	291.0	289.5	295.5	298.6	301.6	304.7
77.5°	393.0	394.6	394.6	396.1	397.6	399.1	399.1	409.8	417.4	422.0	426.6
75°	490.5	495.1	499.7	504.3	510.3	513.4	518.0	533.2	545.4	554.5	563.7
72.5°	624.6	630.7	638.3	649.0	659.6	667.3	677.9	696.2	709.9	719.1	729.7
70°	854.6	860.7	868.4	876.0	886.6	894.3	904.9	927.8	941.5	947.6	953.7
67.5°	1195.9	1211.1	1224.8	1209.6	1202.0	1191.3	1194.4	1215.7	1229.4	1238.5	1237.0
65°	1499.1	1509.7	1509.7	1508.2	1502.1	1488.4	1496.0	1521.9	1537.1	1544.8	1521.9
62.5°	1855.5	1855.5	1847.9	1860.1	1861.6	1852.5	1847.9	1849.4	1851.0	1855.5	1817.5
60°	2102.3	2117.6	2122.1	2132.8	2135.8	2135.8	2143.5	2149.6	2149.6	2140.4	2096.2
57.5°	2428.3	2457.3	2463.4	2455.8	2440.5	2420.7	2417.7	2408.5	2390.3	2372.0	2350.7
55°	2757.4	2772.6	2771.1	2766.5	2751.3	2728.5	2731.5	2719.3	2690.4	2667.5	2638.6
52.5°	3088.0	3124.6	3130.6	3121.5	3100.2	3075.8	3077.3	3063.6	3034.7	3010.3	2970.7
50°	3510.0	3540.5	3537.4	3522.2	3491.7	3473.4	3474.9	3449.0	3415.5	3407.9	3356.1
47.5°	3992.9	4027.9	4021.9	4000.5	3959.4	3951.8	3959.4	3925.9	3906.1	3889.3	3828.4
45°	4626.7	4667.8	4644.9	4603.8	4538.3	4545.9	4556.6	4550.5	4507.8	4463.6	4386.0
42.5°	5370.1	5396.0	5368.6	5327.4	5245.2	5260.4	5254.3	5217.7	5191.8	5118.7	5019.7
40°	6165.3	6221.7	6179.0	6115.0	6029.7	6052.6	6035.8	5988.6	5927.7	5836.3	5711.3
37.5°	7023.0	7067.2	7018.4	6943.8	6867.6	6860.0	6826.5	6753.4	6666.5	6566.0	6366.4
35°	7844.1	7958.4	7868.5	7749.7	7656.8	7621.7	7589.7	7420.6	7321.6	7158.6	6885.9
32.5°	8455.0	8538.8	8427.6	8304.2	8191.5	8142.7	8030.0	7828.9	7775.6	7432.8	7183.0
30°	8615.0	8608.9	8493.1	8398.7	8276.8	8243.3	8036.1	7865.5	7694.8	7378.0	7140.3
27.5°	8234.1	8196.1	8084.8	8002.6	7882.2	7842.6	7638.5	7547.1	7283.5	7015.4	6814.3
25°	7385.6	7405.4	7321.6	7280.5	7201.3	7115.9	7035.2	6911.8	6747.3	6512.7	6328.3
22.5°	6716.8	6742.7	6707.7	6658.9	6598.0	6550.7	6489.8	6393.8	6235.4	6090.7	5917.0
20°	6345.1	6337.5	6307.0	6270.4	6212.5	6179.0	6112.0	6031.3	5909.4	5784.5	5597.1
17.5°	6150.1	6102.9	6073.9	6060.2	6029.7	5987.1	5907.9	5825.6	5731.1	5589.5	5452.4
15°	6005.4	6013.0	5990.1	5979.5	5955.1	5895.7	5814.9	5747.9	5619.9	5548.3	5423.4
12.5°	5996.2	5988.6	5990.1	5985.6	5955.1	5878.9	5837.8	5752.5	5670.2	5575.8	5432.6
10°	6104.4	6023.6	6029.7	6051.1	6002.3	5941.4	5897.2	5804.3	5726.6	5606.2	5464.5
7.5°	6098.3	6057.2	6069.3	6034.3	6049.5	5974.9	5914.0	5821.0	5723.5	5595.6	5467.6
5°	6134.9	6072.4	6061.7	6064.8	6026.7	5970.3	5888.1	5799.7	5708.3	5565.1	5434.1
2.5°	6051.1	6060.2	6011.5	5993.2	5988.6	5894.1	5818.0	5732.7	5638.2	5511.8	5394.5
0°	5988.6	6005.4	5955.1	5929.2	5927.7	5846.9	5798.2	5700.7	5633.6	5528.5	5386.8
-2.5°	5955.1	5974.9	5981.0	5933.8	5888.1	5825.6	5743.3	5638.2	5528.5	5406.7	5284.8
-5°	5958.1	5918.5	5901.8	5917.0	5877.4	5814.9	5723.5	5630.6	5522.4	5391.4	5239.1
-7.5°	5837.8	5798.2	5795.1	5787.5	5778.4	5719.0	5642.8	5542.2	5432.6	5310.7	5169.0
-10°	5658.0	5629.1	5621.5	5613.8	5589.5	5554.4	5482.8	5391.4	5292.4	5170.5	5019.7
-12.5°	5458.4	5444.7	5415.8	5396.0	5371.6	5330.5	5261.9	5178.1	5079.1	4971.0	4841.5
-15°	5237.6	5211.7	5182.7	5165.9	5130.9	5082.2	5013.6	4935.9	4827.7	4721.1	4599.2
-17.5°	4971.0	4939.0	4907.0	4902.4	4878.0	4803.4	4739.4	4644.9	4550.5	4448.4	4329.6
-20°	4657.1	4612.9	4591.6	4579.4	4545.9	4491.1	4422.5	4335.7	4244.3	4146.8	4009.7



REPORT NUMBER: P722285
 CATALOG NUMBER: IFLD-S-SA3C-935-U-76

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	4309.8	4271.7	4235.1	4212.3	4183.3	4140.7	4075.2	3999.0	3909.1	3799.4	3673.0
-25°	3915.2	3861.9	3839.0	3813.1	3797.9	3758.3	3694.3	3624.2	3531.3	3424.7	3304.3
-27.5°	3464.3	3421.6	3409.4	3372.9	3354.6	3313.5	3260.1	3194.6	3109.3	3008.8	2909.8
-30°	2966.1	2940.2	2920.4	2883.9	2870.1	2826.0	2790.9	2736.1	2658.4	2586.8	2507.6
-32.5°	2454.2	2428.3	2422.3	2405.5	2396.4	2367.4	2327.8	2288.2	2225.7	2172.4	2108.4
-35°	2000.3	1982.0	1983.5	1982.0	1972.8	1951.5	1902.8	1892.1	1846.4	1797.6	1756.5
-37.5°	1637.7	1639.2	1637.7	1636.2	1624.0	1614.8	1579.8	1566.1	1538.7	1491.4	1467.1
-40°	1365.0	1368.0	1366.5	1363.5	1349.8	1345.2	1322.3	1304.1	1293.4	1259.9	1234.0
-42.5°	1144.1	1148.7	1147.1	1145.6	1136.5	1135.0	1122.8	1101.4	1095.3	1075.5	1048.1
-45°	976.5	975.0	971.9	975.0	970.4	965.9	958.2	944.5	936.9	927.8	904.9
-47.5°	844.0	845.5	842.5	842.5	836.4	831.8	828.7	819.6	813.5	805.9	792.2
-50°	734.3	740.4	738.9	737.3	732.8	729.7	729.7	720.6	711.4	708.4	699.3
-52.5°	649.0	653.6	655.1	658.1	659.6	661.2	656.6	647.5	632.2	630.7	626.1
-55°	571.3	585.0	594.1	600.2	606.3	610.9	601.8	589.6	574.3	568.2	566.7
-57.5°	518.0	531.7	542.3	551.5	559.1	566.7	557.6	545.4	531.7	524.1	522.5
-60°	469.2	481.4	492.1	504.3	514.9	527.1	522.5	513.4	505.8	499.7	493.6
-62.5°	417.4	429.6	441.8	457.0	470.7	482.9	484.5	482.9	481.4	482.9	472.3
-65°	374.8	380.9	388.5	405.2	420.5	434.2	441.8	446.4	454.0	461.6	450.9
-67.5°	329.1	336.7	345.8	358.0	370.2	379.3	390.0	402.2	414.4	426.6	418.9
-70°	287.9	294.0	301.6	307.7	315.3	321.4	330.6	344.3	358.0	370.2	367.1
-72.5°	245.3	251.4	255.9	259.0	263.6	266.6	271.2	283.4	292.5	298.6	298.6
-75°	202.6	208.7	213.3	214.8	217.9	219.4	222.4	227.0	231.6	233.1	234.6
-77.5°	155.4	161.5	166.1	169.1	172.1	175.2	176.7	179.8	181.3	181.3	182.8
-80°	115.8	120.4	123.4	128.0	129.5	132.5	135.6	137.1	138.6	138.6	140.2
-82.5°	82.3	85.3	88.4	91.4	94.5	96.0	99.0	100.5	102.1	103.6	105.1
-85°	54.8	57.9	60.9	64.0	65.5	67.0	68.6	70.1	71.6	73.1	74.6
-87.5°	32.0	33.5	35.0	38.1	39.6	42.7	44.2	42.7	44.2	44.2	44.2
-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: P722285
 CATALOG NUMBER: IFLD-S-SA3C-935-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°	59.4	59.4	59.4	59.4	57.9	54.8	53.3	50.3	47.2	44.2	41.1
85°	123.4	124.9	124.9	124.9	121.9	120.4	115.8	111.2	105.1	96.0	88.4
82.5°	205.7	207.2	207.2	205.7	202.6	198.0	192.0	184.3	172.1	160.0	149.3
80°	309.3	310.8	310.8	309.3	301.6	294.0	286.4	277.3	262.0	245.3	227.0
77.5°	432.7	435.7	435.7	431.1	420.5	411.3	399.1	383.9	361.1	336.7	312.3
75°	575.9	583.5	585.0	580.4	566.7	550.0	530.2	504.3	469.2	438.7	409.8
72.5°	741.9	749.5	755.6	749.5	729.7	706.9	677.9	647.5	612.4	571.3	522.5
70°	959.8	967.4	971.9	952.1	917.1	879.0	844.0	808.9	767.8	717.5	664.2
67.5°	1234.0	1226.4	1217.2	1177.6	1133.4	1087.7	1039.0	987.2	933.9	880.5	818.1
65°	1497.5	1476.2	1456.4	1409.2	1352.8	1293.4	1237.0	1179.1	1115.2	1048.1	988.7
62.5°	1774.8	1729.1	1680.3	1622.5	1564.6	1499.1	1442.7	1374.1	1302.5	1220.3	1144.1
60°	2047.5	1992.6	1943.9	1872.3	1796.1	1707.8	1646.8	1579.8	1496.0	1407.6	1317.8
57.5°	2311.0	2251.6	2198.3	2135.8	2053.6	1957.6	1890.6	1803.7	1715.4	1604.2	1512.8
55°	2591.4	2531.9	2489.3	2419.2	2329.3	2241.0	2167.8	2076.4	1953.0	1834.2	1721.5
52.5°	2912.8	2865.6	2819.9	2748.3	2640.1	2550.2	2469.5	2367.4	2237.9	2091.7	1956.1
50°	3272.3	3248.0	3199.2	3115.4	2992.0	2912.8	2806.2	2670.6	2531.9	2378.1	2209.0
47.5°	3749.2	3709.6	3641.0	3549.6	3446.0	3327.2	3184.0	3025.5	2829.0	2658.4	2478.6
45°	4318.9	4245.8	4157.4	4034.0	3906.1	3772.0	3615.1	3414.0	3150.5	2928.0	2739.1
42.5°	4935.9	4836.9	4716.5	4555.1	4389.0	4224.5	4055.4	3781.2	3452.1	3196.2	2982.9
40°	5580.3	5453.9	5303.1	5068.5	4884.1	4672.4	4478.9	4069.1	3718.7	3441.4	3214.4
37.5°	6211.0	6051.1	5798.2	5513.3	5298.5	5124.8	4699.8	4261.0	3947.2	3642.5	3412.5
35°	6693.9	6558.4	6112.0	5816.5	5632.1	5357.9	4826.2	4376.8	4044.7	3791.8	3433.8
32.5°	6980.4	6630.0	6238.4	5939.9	5787.5	5338.1	4835.4	4410.3	4090.4	3807.1	3379.0
30°	6916.4	6492.9	6150.1	5900.2	5569.7	5165.9	4750.1	4358.5	4047.8	3705.0	3318.0
27.5°	6530.9	6203.4	5897.2	5636.7	5312.2	4949.6	4565.7	4221.4	3932.0	3599.9	3234.2
25°	6095.2	5798.2	5571.2	5344.2	5036.5	4690.6	4352.4	4104.1	3813.1	3485.6	3124.6
22.5°	5694.6	5481.3	5303.1	5065.4	4765.3	4463.6	4253.4	3996.0	3697.4	3365.3	3011.8
20°	5438.6	5293.9	5089.8	4827.7	4591.6	4402.7	4169.6	3896.9	3589.2	3241.9	2915.8
17.5°	5315.2	5147.7	4920.7	4750.1	4568.8	4361.6	4101.1	3811.6	3484.1	3185.5	2926.5
15°	5251.3	5074.5	4925.2	4757.7	4553.5	4335.7	4046.2	3746.1	3484.1	3208.3	2934.1
12.5°	5265.0	5112.6	4949.6	4766.8	4547.4	4314.4	4052.3	3773.5	3502.4	3225.1	2935.6
10°	5307.6	5147.7	4974.0	4771.4	4550.5	4320.4	4069.1	3790.3	3511.5	3232.7	2932.6
7.5°	5322.9	5149.2	4963.3	4759.2	4542.9	4317.4	4072.1	3794.9	3513.0	3231.2	2923.5
5°	5275.6	5118.7	4939.0	4733.3	4521.5	4302.2	4059.9	3788.8	3500.8	3216.0	2900.6
2.5°	5211.7	5085.2	4913.1	4715.0	4500.2	4280.8	4040.1	3761.3	3473.4	3188.5	2871.7
0°	5201.0	5044.1	4870.4	4693.7	4465.2	4233.6	3994.4	3709.6	3423.1	3136.7	2821.4
-2.5°	5130.9	4964.9	4791.2	4599.2	4398.1	4165.1	3913.7	3634.9	3351.5	3069.7	2766.5
-5°	5077.6	4893.3	4708.9	4501.7	4299.1	4066.0	3805.5	3534.4	3257.1	2982.9	2690.4
-7.5°	5006.0	4817.1	4623.6	4407.3	4187.9	3950.3	3692.8	3421.6	3148.9	2876.2	2595.9
-10°	4861.3	4695.2	4513.9	4290.0	4058.4	3820.8	3564.8	3298.2	3025.5	2749.8	2468.0
-12.5°	4686.1	4510.9	4312.8	4107.2	3900.0	3679.1	3423.1	3161.1	2886.9	2609.6	2329.3
-15°	4459.1	4286.9	4084.3	3883.2	3683.7	3471.9	3246.4	3010.3	2731.5	2458.8	2178.5
-17.5°	4175.7	4014.2	3832.9	3641.0	3443.0	3229.7	3010.3	2810.7	2550.2	2294.3	2017.0
-20°	3871.0	3720.2	3557.2	3375.9	3177.9	2969.2	2762.0	2553.3	2327.8	2102.3	1844.9



REPORT NUMBER: P722285
 CATALOG NUMBER: IFLD-S-SA3C-935-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	3554.2	3401.8	3237.3	3068.2	2885.4	2691.9	2499.9	2300.4	2102.3	1898.2	1680.3
-25°	3188.5	3054.5	2903.7	2739.1	2576.1	2407.0	2224.2	2042.9	1873.8	1697.1	1518.9
-27.5°	2806.2	2682.8	2545.7	2402.4	2262.3	2120.6	1962.2	1794.6	1654.4	1508.2	1360.4
-30°	2404.0	2304.9	2193.7	2068.8	1960.7	1846.4	1713.9	1575.2	1447.3	1336.0	1217.2
-32.5°	2023.1	1939.3	1860.1	1777.8	1671.2	1582.8	1491.4	1389.4	1276.6	1171.5	1086.2
-35°	1695.6	1605.7	1572.2	1511.2	1435.1	1357.4	1290.3	1217.2	1131.9	1039.0	968.9
-37.5°	1419.8	1366.5	1319.3	1285.8	1235.5	1173.0	1119.7	1066.4	1000.9	930.8	860.7
-40°	1205.0	1168.5	1116.7	1099.9	1067.9	1025.3	970.4	929.3	885.1	831.8	772.4
-42.5°	1032.9	1005.5	971.9	943.0	929.3	898.8	856.2	816.6	781.5	745.0	699.3
-45°	891.2	872.9	851.6	825.7	815.0	790.7	760.2	716.0	696.2	665.7	632.2
-47.5°	776.9	767.8	752.6	735.8	720.6	702.3	674.9	647.5	620.0	600.2	574.3
-50°	687.1	681.0	671.8	658.1	638.3	626.1	607.8	583.5	557.6	540.8	522.5
-52.5°	615.5	609.4	603.3	592.6	577.4	565.2	550.0	530.2	508.8	492.1	476.8
-55°	560.6	551.5	546.9	537.8	525.6	511.9	498.2	484.5	466.2	450.9	435.7
-57.5°	518.0	505.8	499.7	492.1	479.9	466.2	455.5	441.8	429.6	412.8	399.1
-60°	484.5	470.7	458.6	450.9	440.3	426.6	415.9	405.2	393.0	379.3	362.6
-62.5°	457.0	440.3	423.5	414.4	403.7	391.5	380.9	370.2	358.0	344.3	329.1
-65°	431.1	411.3	390.0	380.9	370.2	358.0	344.3	336.7	326.0	313.8	298.6
-67.5°	399.1	377.8	359.5	348.9	338.2	327.5	315.3	307.7	297.1	281.8	266.6
-70°	351.9	338.2	326.0	316.9	307.7	298.6	286.4	274.2	262.0	248.3	234.6
-72.5°	292.5	287.9	286.4	281.8	271.2	260.5	248.3	236.1	225.5	214.8	204.1
-75°	236.1	239.2	242.2	240.7	230.0	219.4	208.7	198.0	190.4	181.3	172.1
-77.5°	187.4	190.4	193.5	193.5	185.9	179.8	172.1	164.5	158.4	150.8	141.7
-80°	144.7	149.3	153.9	156.9	150.8	146.2	140.2	134.1	128.0	121.9	115.8
-82.5°	109.7	114.3	118.8	121.9	117.3	114.3	109.7	105.1	100.5	94.5	89.9
-85°	79.2	82.3	85.3	86.8	83.8	80.7	77.7	74.6	71.6	67.0	64.0
-87.5°	45.7	47.2	48.7	50.3	47.2	44.2	42.7	39.6	38.1	35.0	33.5
-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: P722285
 CATALOG NUMBER: IFLD-S-SA3C-935-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°	38.1	35.0	32.0	30.5	27.4	22.9	19.8	16.8	13.7	10.7	9.1
85°	80.7	73.1	64.0	59.4	53.3	47.2	41.1	35.0	28.9	22.9	16.8
82.5°	138.6	129.5	120.4	109.7	96.0	79.2	62.5	51.8	42.7	33.5	25.9
80°	208.7	192.0	176.7	163.0	147.8	126.4	103.6	82.3	57.9	44.2	33.5
77.5°	289.5	269.6	248.3	225.5	201.1	172.1	146.2	118.8	89.9	60.9	42.7
75°	380.9	355.0	326.0	294.0	262.0	223.9	187.4	155.4	121.9	85.3	51.8
72.5°	482.9	450.9	415.9	373.2	323.0	278.8	234.6	192.0	152.3	108.2	70.1
70°	613.9	563.7	511.9	466.2	402.2	332.1	280.3	231.6	181.3	132.5	88.4
67.5°	754.1	693.2	630.7	563.7	482.9	400.7	326.0	271.2	211.8	155.4	105.1
65°	906.4	830.3	751.1	676.4	565.2	467.7	383.9	309.3	240.7	176.7	121.9
62.5°	1063.4	973.5	882.1	784.6	656.6	536.2	438.7	351.9	268.1	196.5	137.1
60°	1230.9	1125.8	1014.6	892.7	743.4	610.9	490.5	396.1	297.1	216.3	153.9
57.5°	1407.6	1293.4	1162.4	997.8	833.3	682.5	550.0	435.7	323.0	234.6	166.1
55°	1599.6	1468.6	1325.4	1107.5	921.7	754.1	609.4	475.3	350.4	249.8	178.2
52.5°	1806.8	1654.4	1473.2	1223.3	1014.6	827.2	664.2	510.3	376.3	266.6	188.9
50°	2038.3	1846.4	1602.6	1330.0	1095.3	895.8	719.1	548.4	397.6	284.9	198.0
47.5°	2279.1	2071.9	1718.4	1429.0	1177.6	962.8	775.4	582.0	418.9	300.1	207.2
45°	2530.4	2228.8	1838.8	1517.3	1249.2	1023.7	818.1	612.4	444.8	313.8	214.8
42.5°	2778.7	2347.6	1943.9	1605.7	1316.2	1078.6	853.1	641.4	466.2	327.5	222.4
40°	2896.0	2437.5	2027.7	1666.6	1372.6	1127.3	883.6	667.3	484.5	336.7	230.0
37.5°	2944.8	2492.3	2082.5	1724.5	1416.8	1153.2	909.5	690.1	499.7	345.8	236.1
35°	2955.5	2512.1	2110.0	1764.1	1453.4	1177.6	929.3	706.9	511.9	355.0	242.2
32.5°	2935.6	2506.0	2117.6	1777.8	1476.2	1195.9	943.0	719.1	521.0	364.1	248.3
30°	2891.5	2474.0	2090.1	1776.3	1493.0	1206.6	952.1	728.2	530.2	370.2	251.4
27.5°	2819.9	2417.7	2055.1	1777.8	1502.1	1211.1	956.7	732.8	536.2	374.8	257.5
25°	2731.5	2341.5	2056.6	1774.8	1503.6	1212.6	956.7	732.8	537.8	376.3	262.0
22.5°	2629.4	2341.5	2056.6	1770.2	1494.5	1209.6	952.1	729.7	537.8	379.3	266.6
20°	2635.5	2343.0	2052.1	1761.1	1480.8	1200.5	941.5	722.1	533.2	383.9	269.6
17.5°	2640.1	2340.0	2042.9	1748.9	1462.5	1185.2	927.8	711.4	533.2	388.5	271.2
15°	2640.1	2330.8	2029.2	1730.6	1439.6	1163.9	908.0	702.3	534.7	390.0	274.2
12.5°	2635.5	2314.1	2007.9	1706.2	1412.2	1138.0	895.8	699.3	534.7	391.5	274.2
10°	2626.4	2291.2	1980.5	1675.8	1386.3	1128.9	889.7	693.2	531.7	391.5	274.2
7.5°	2609.6	2263.8	1957.6	1657.5	1371.1	1118.2	880.5	684.0	527.1	388.5	277.3
5°	2583.7	2248.6	1939.3	1636.2	1349.8	1110.6	874.4	676.4	524.1	388.5	274.2
2.5°	2550.2	2230.3	1918.0	1608.7	1325.4	1084.7	854.6	659.6	513.4	382.4	271.2
0°	2495.4	2193.7	1881.4	1570.7	1291.9	1058.8	834.8	642.9	502.7	376.3	268.1
-2.5°	2445.1	2145.0	1834.2	1531.0	1259.9	1035.9	819.6	633.7	498.2	374.8	266.6
-5°	2375.0	2078.0	1771.7	1479.3	1217.2	1013.1	804.4	623.1	493.6	371.7	266.6
-7.5°	2297.3	2007.9	1706.2	1425.9	1174.6	973.5	775.4	606.3	482.9	365.6	265.1
-10°	2177.0	1902.8	1624.0	1365.0	1128.9	938.4	751.1	591.1	473.8	359.5	259.0
-12.5°	2049.0	1787.0	1529.5	1290.3	1077.1	901.9	723.6	574.3	463.1	353.4	255.9
-15°	1913.4	1668.2	1430.5	1212.6	1020.7	857.7	694.7	556.1	452.5	345.8	251.4
-17.5°	1771.7	1543.2	1328.4	1133.4	964.3	812.0	664.2	539.3	440.3	338.2	246.8
-20°	1622.5	1415.3	1224.8	1052.7	904.9	766.3	632.2	519.5	426.6	329.1	240.7



REPORT NUMBER: P722285

CATALOG NUMBER: IFLD-S-SA3C-935-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1474.7	1288.8	1118.2	973.5	844.0	719.1	600.2	499.7	411.3	318.4	236.1
-25°	1343.7	1170.0	1023.7	897.3	784.6	673.4	566.7	479.9	394.6	307.7	230.0
-27.5°	1215.7	1067.9	930.8	825.7	726.7	629.2	534.7	458.6	377.8	295.5	223.9
-30°	1096.9	970.4	857.7	755.6	671.8	589.6	507.3	437.2	359.5	283.4	216.3
-32.5°	988.7	886.6	792.2	694.7	620.0	550.0	481.4	415.9	341.2	271.2	208.7
-35°	888.2	808.9	726.7	644.4	568.2	513.4	454.0	393.0	324.5	257.5	201.1
-37.5°	798.3	734.3	668.8	598.7	533.2	478.4	428.1	370.2	307.7	245.3	193.5
-40°	720.6	668.8	610.9	554.5	499.7	447.9	402.2	347.3	291.0	236.1	185.9
-42.5°	649.0	609.4	562.1	514.9	466.2	420.5	376.3	323.0	274.2	225.5	178.2
-45°	594.1	554.5	516.4	473.8	432.7	393.0	348.9	301.6	259.0	213.3	170.6
-47.5°	542.3	507.3	472.3	437.2	403.7	367.1	323.0	283.4	242.2	202.6	164.5
-50°	496.6	463.1	432.7	402.2	373.2	338.2	297.1	265.1	228.5	192.0	156.9
-52.5°	454.0	425.0	394.6	370.2	345.8	310.8	277.3	246.8	214.8	179.8	149.3
-55°	415.9	388.5	361.1	338.2	315.3	284.9	257.5	231.6	201.1	170.6	141.7
-57.5°	379.3	356.5	330.6	309.3	286.4	262.0	239.2	214.8	187.4	161.5	134.1
-60°	345.8	324.5	301.6	280.3	260.5	240.7	219.4	199.6	175.2	150.8	126.4
-62.5°	312.3	294.0	274.2	252.9	237.7	219.4	202.6	182.8	163.0	141.7	112.7
-65°	281.8	265.1	246.8	228.5	214.8	201.1	185.9	167.6	150.8	131.0	100.5
-67.5°	251.4	236.1	220.9	205.7	193.5	182.8	167.6	153.9	140.2	118.8	88.4
-70°	222.4	210.2	196.5	184.3	175.2	163.0	152.3	140.2	128.0	103.6	74.6
-72.5°	195.0	182.8	172.1	163.0	155.4	144.7	135.6	126.4	109.7	86.8	62.5
-75°	163.0	155.4	149.3	141.7	134.1	126.4	118.8	108.2	91.4	70.1	48.7
-77.5°	134.1	129.5	124.9	118.8	112.7	106.6	97.5	86.8	73.1	54.8	39.6
-80°	109.7	105.1	102.1	96.0	91.4	85.3	76.2	67.0	53.3	42.7	32.0
-82.5°	83.8	80.7	77.7	74.6	70.1	64.0	54.8	47.2	39.6	32.0	24.4
-85°	59.4	57.9	54.8	51.8	47.2	42.7	36.6	32.0	27.4	21.3	16.8
-87.5°	30.5	28.9	27.4	25.9	24.4	21.3	18.3	15.2	13.7	10.7	7.6
-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: P722285
 CATALOG NUMBER: IFLD-S-SA3C-935-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	6.1	4.6	1.5	0.0
85°	12.2	7.6	3.0	0.0
82.5°	18.3	12.2	4.6	0.0
80°	24.4	15.2	7.6	0.0
77.5°	30.5	18.3	9.1	0.0
75°	36.6	22.9	10.7	0.0
72.5°	41.1	25.9	12.2	0.0
70°	48.7	30.5	13.7	0.0
67.5°	60.9	33.5	15.2	0.0
65°	71.6	36.6	16.8	0.0
62.5°	83.8	39.6	18.3	0.0
60°	94.5	42.7	19.8	0.0
57.5°	105.1	50.3	21.3	0.0
55°	114.3	56.4	22.9	0.0
52.5°	124.9	62.5	24.4	0.0
50°	134.1	68.6	25.9	0.0
47.5°	141.7	74.6	25.9	0.0
45°	147.8	79.2	27.4	0.0
42.5°	152.3	83.8	28.9	0.0
40°	156.9	88.4	30.5	0.0
37.5°	161.5	92.9	30.5	0.0
35°	166.1	97.5	32.0	0.0
32.5°	170.6	102.1	32.0	0.0
30°	173.7	105.1	33.5	0.0
27.5°	178.2	108.2	33.5	0.0
25°	179.8	111.2	35.0	0.0
22.5°	182.8	112.7	35.0	0.0
20°	185.9	115.8	35.0	0.0
17.5°	187.4	117.3	36.6	0.0
15°	187.4	118.8	38.1	0.0
12.5°	188.9	120.4	38.1	0.0
10°	188.9	123.4	36.6	0.0
7.5°	192.0	121.9	36.6	0.0
5°	190.4	121.9	36.6	0.0
2.5°	188.9	120.4	36.6	0.0
0°	187.4	120.4	36.6	0.0
-2.5°	187.4	120.4	36.6	0.0
-5°	187.4	120.4	36.6	0.0
-7.5°	185.9	121.9	36.6	0.0
-10°	182.8	121.9	36.6	0.0
-12.5°	181.3	117.3	36.6	0.0
-15°	179.8	115.8	36.6	0.0
-17.5°	176.7	114.3	35.0	0.0
-20°	173.7	112.7	35.0	0.0



REPORT NUMBER: P722285

CATALOG NUMBER: IFLD-S-SA3C-935-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	170.6	109.7	35.0	0.0
-25°	167.6	106.6	33.5	0.0
-27.5°	164.5	103.6	33.5	0.0
-30°	160.0	100.5	32.0	0.0
-32.5°	155.4	97.5	32.0	0.0
-35°	152.3	92.9	30.5	0.0
-37.5°	147.8	88.4	30.5	0.0
-40°	143.2	83.8	28.9	0.0
-42.5°	138.6	79.2	27.4	0.0
-45°	132.5	74.6	27.4	0.0
-47.5°	128.0	70.1	25.9	0.0
-50°	120.4	64.0	24.4	0.0
-52.5°	111.2	57.9	22.9	0.0
-55°	102.1	53.3	21.3	0.0
-57.5°	92.9	47.2	21.3	0.0
-60°	83.8	41.1	19.8	0.0
-62.5°	74.6	38.1	18.3	0.0
-65°	65.5	35.0	16.8	0.0
-67.5°	54.8	30.5	15.2	0.0
-70°	45.7	27.4	13.7	0.0
-72.5°	39.6	24.4	12.2	0.0
-75°	33.5	21.3	10.7	0.0
-77.5°	28.9	18.3	9.1	0.0
-80°	22.9	13.7	6.1	0.0
-82.5°	16.8	10.7	4.6	0.0
-85°	10.7	7.6	3.0	0.0
-87.5°	6.1	3.0	1.5	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)