

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: P722048

Luminaire Tested: **IFLD-S-SA2C-735-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722048
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2C-735-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (32) 3500K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

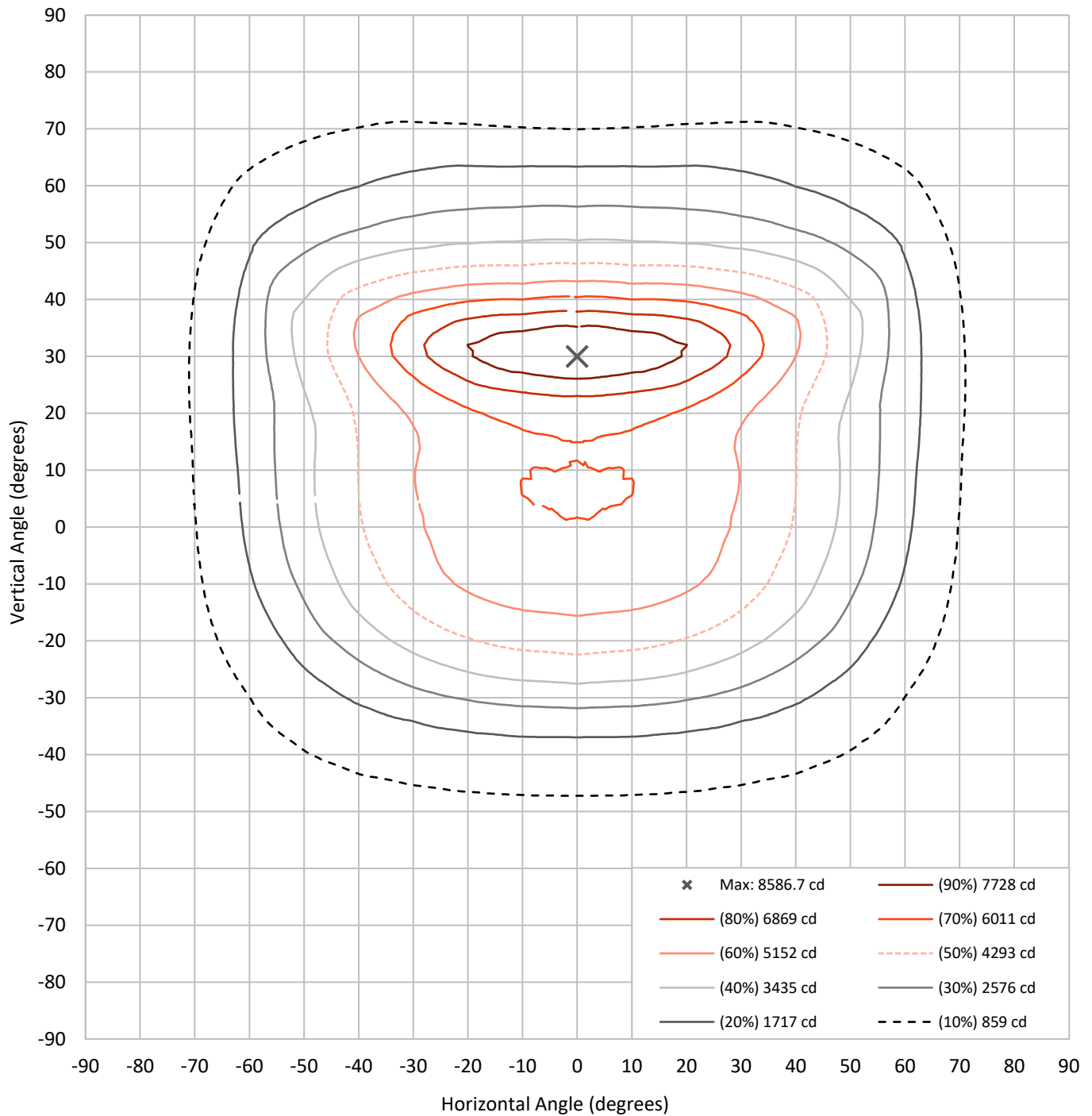
Lumens per Lamp: N/A	NEMA Type: 7H x 6V
Luminaire Lumens: 14333.4 lumens	Max Intensity: 8586.7 candela
Efficiency: N/A	Max Intensity Angle: 0°H x 30°V
Efficacy: 132.5 lumens/watt	
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')	
Beam Angle (50%): 90.8°H x 68.8°V	Field Angle (10%): 142°H x 117.1°V
Beam Lumens: 8335 lumens	Field Lumens: 13432.2 lumens
Beam Efficiency: 58.2%	Field Efficiency: 93.7%

Input Watts (W): 108.2
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: P722048
CATALOG NUMBER: IFLD-S-SA2C-735-U-76

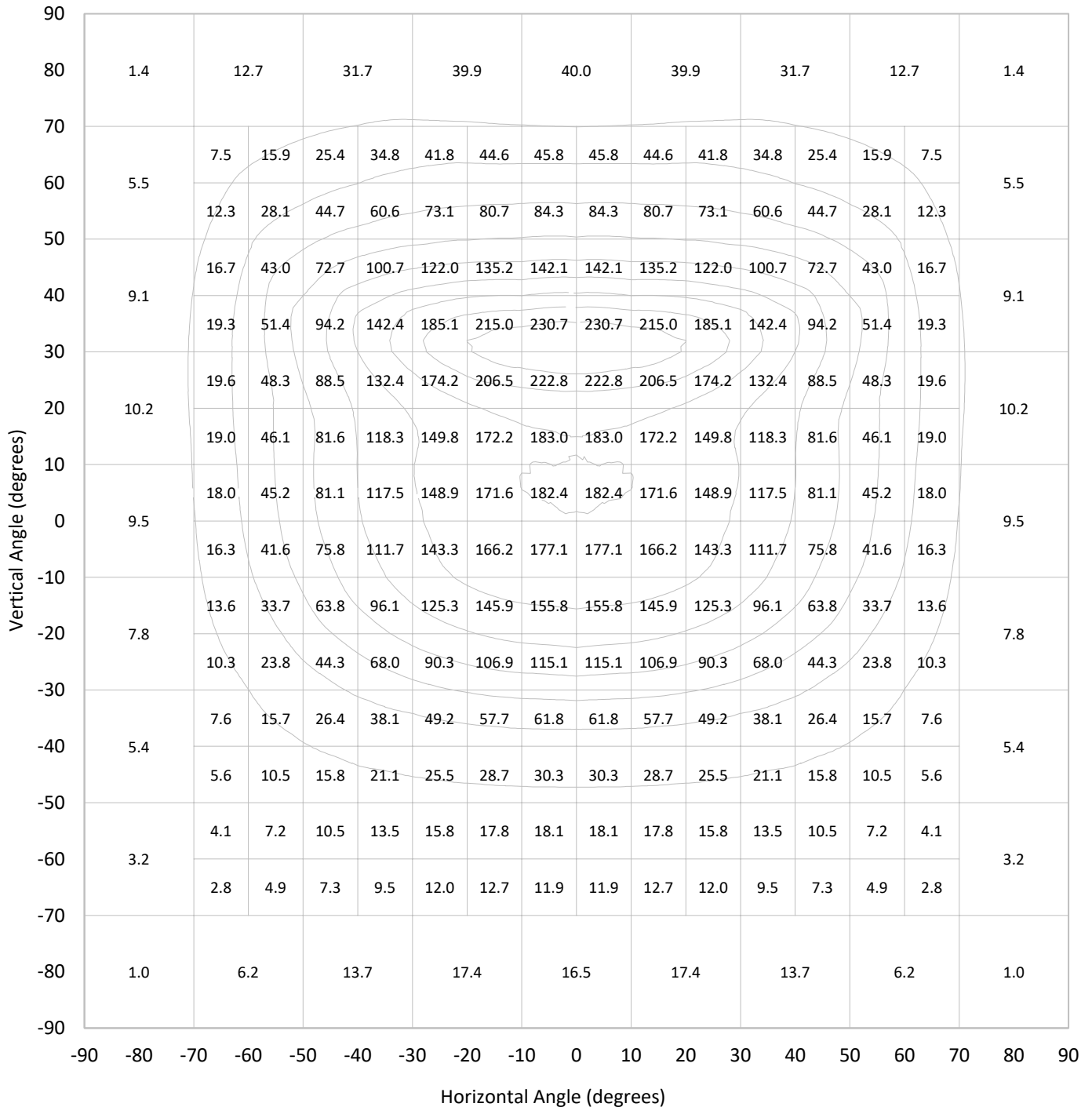
Iso-Candela Plot





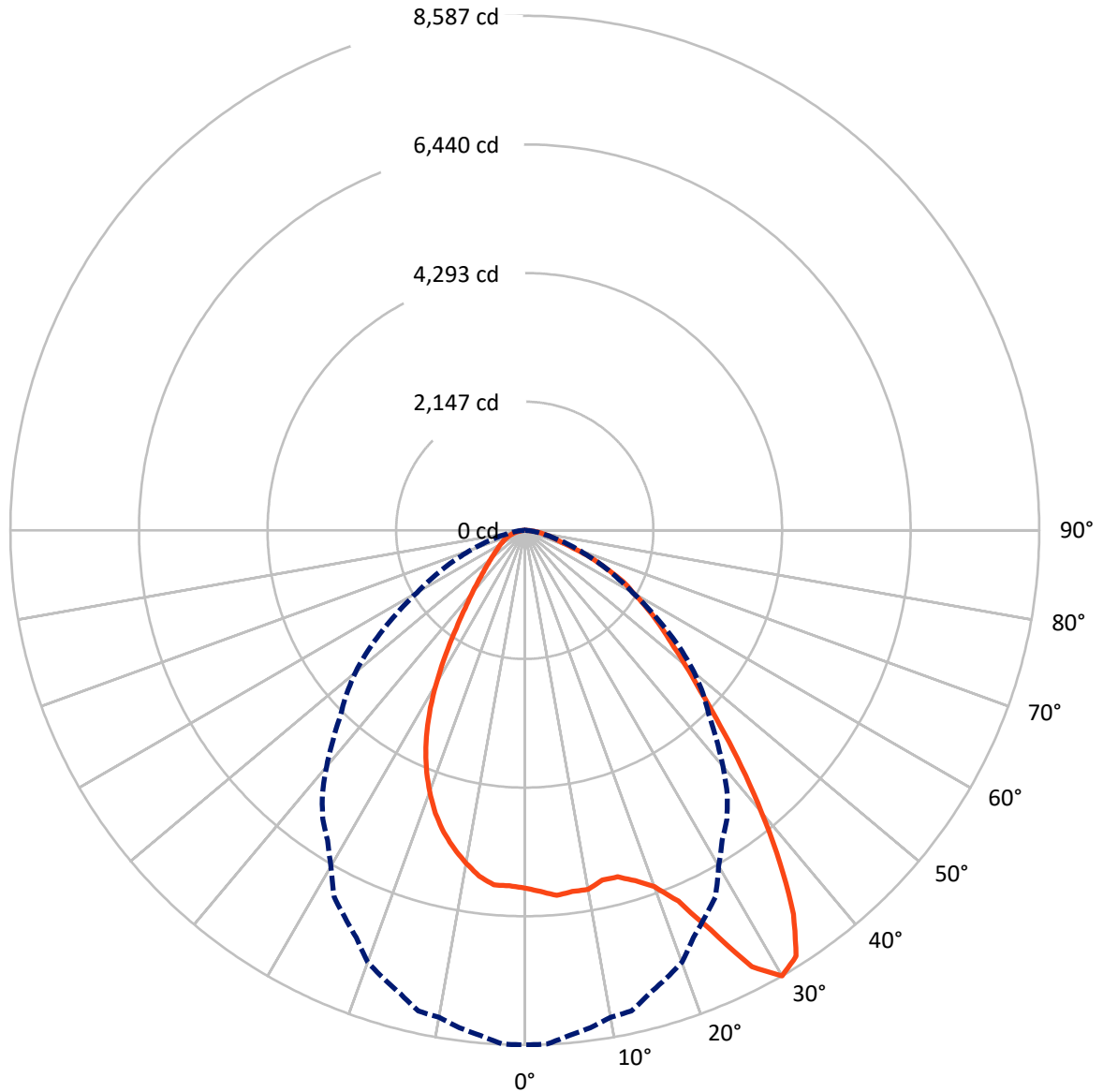
REPORT NUMBER: P722048
 CATALOG NUMBER: IFLD-S-SA2C-735-U-76

Lumen Table



REPORT NUMBER: P722048
CATALOG NUMBER: IFLD-S-SA2C-735-U-76

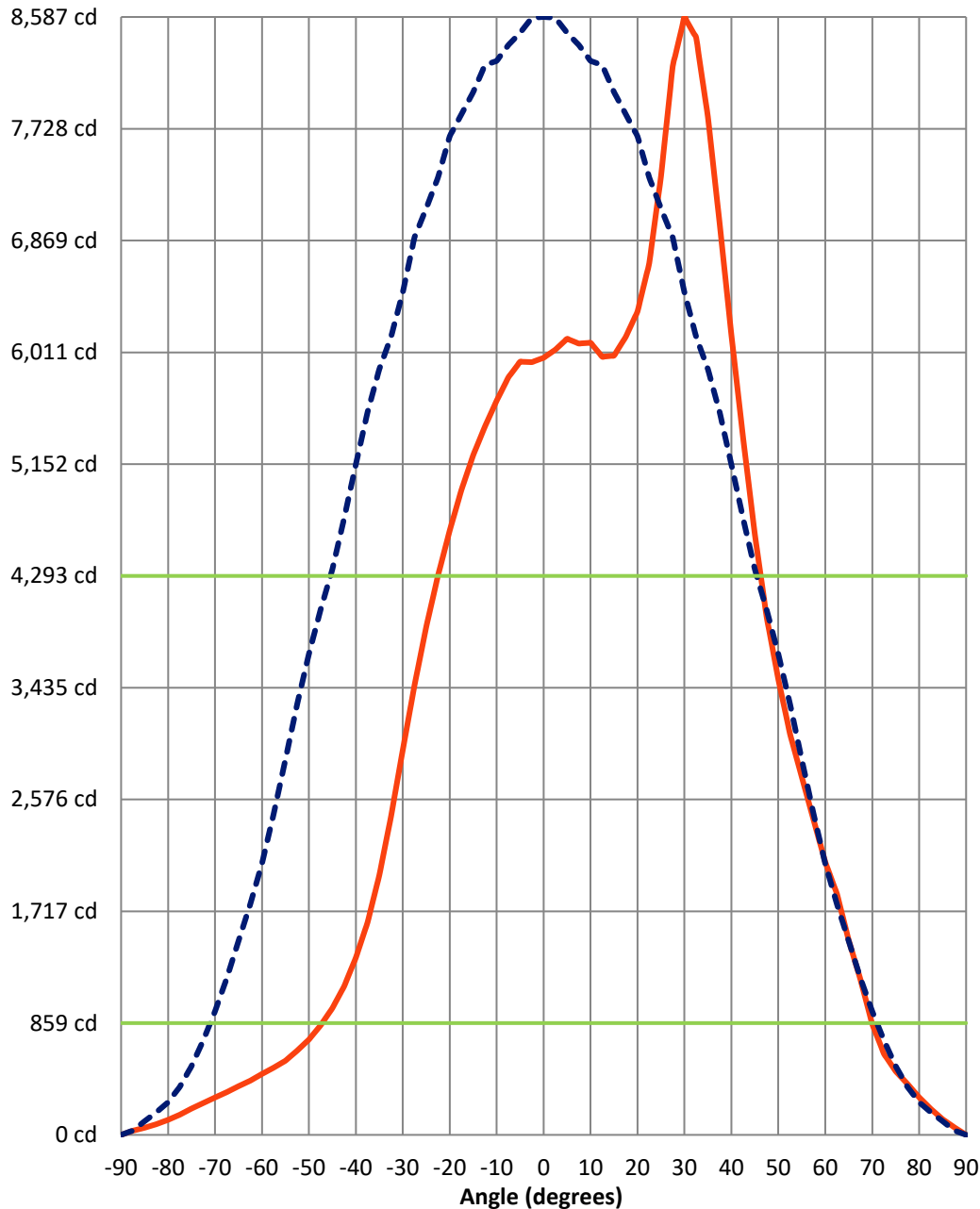
Luminous Intensity Polar Plot



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

REPORT NUMBER: P722048
 CATALOG NUMBER: IFLD-S-SA2C-735-U-76

Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 8335
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 13432.2
 Efficiency: 93.7%

Spill:
 Lumens: 901.2
 Efficiency: 6.3%

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



REPORT NUMBER: P722048
 CATALOG NUMBER: IFLD-S-SA2C-735-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°	57.7	59.2	60.7	60.7	59.2	59.2	59.2	57.7	59.2	59.2	59.2
85°	120.0	123.0	126.0	124.5	123.0	120.0	116.9	118.4	120.0	121.5	121.5
82.5°	198.9	203.5	206.5	205.0	202.0	198.9	195.9	197.4	200.4	202.0	202.0
80°	288.5	290.0	291.5	294.6	290.0	290.0	288.5	294.6	297.6	300.6	303.7
77.5°	391.8	393.3	393.3	394.8	396.3	397.8	397.8	408.5	416.0	420.6	425.2
75°	488.9	493.5	498.0	502.6	508.7	511.7	516.3	531.5	543.6	552.7	561.8
72.5°	622.6	628.6	636.2	646.9	657.5	665.1	675.7	693.9	707.6	716.7	727.3
70°	851.8	857.9	865.5	873.1	883.7	891.3	901.9	924.7	938.4	944.5	950.5
67.5°	1192.0	1207.2	1220.8	1205.6	1198.0	1187.4	1190.4	1211.7	1225.4	1234.5	1233.0
65°	1494.1	1504.8	1504.8	1503.2	1497.2	1483.5	1491.1	1516.9	1532.1	1539.7	1516.9
62.5°	1849.4	1849.4	1841.9	1854.0	1855.5	1846.4	1841.9	1843.4	1844.9	1849.4	1811.5
60°	2095.4	2110.6	2115.2	2125.8	2128.8	2128.8	2136.4	2142.5	2142.5	2133.4	2089.4
57.5°	2420.4	2449.2	2455.3	2447.7	2432.5	2412.8	2409.7	2400.6	2382.4	2364.2	2342.9
55°	2748.4	2763.5	2762.0	2757.5	2742.3	2719.5	2722.5	2710.4	2681.5	2658.8	2629.9
52.5°	3077.9	3114.3	3120.4	3111.3	3090.0	3065.7	3067.2	3053.6	3024.7	3000.4	2960.9
50°	3498.5	3528.8	3525.8	3510.6	3480.2	3462.0	3463.5	3437.7	3404.3	3396.7	3345.1
47.5°	3979.8	4014.7	4008.7	3987.4	3946.4	3938.8	3946.4	3913.0	3893.3	3876.6	3815.8
45°	4611.5	4652.5	4629.7	4588.7	4523.4	4531.0	4541.6	4535.6	4493.0	4449.0	4371.6
42.5°	5352.5	5378.3	5350.9	5310.0	5228.0	5243.1	5237.1	5200.6	5174.8	5101.9	5003.2
40°	6145.1	6201.3	6158.8	6095.0	6009.9	6032.7	6016.0	5968.9	5908.2	5817.1	5692.6
37.5°	7000.0	7044.0	6995.4	6921.0	6845.1	6837.5	6804.1	6731.2	6644.7	6544.4	6345.5
35°	7818.4	7932.3	7842.7	7724.3	7631.6	7596.7	7564.8	7396.3	7297.6	7135.1	6863.3
32.5°	8427.3	8510.8	8400.0	8277.0	8164.6	8116.0	8003.6	7803.2	7750.1	7408.4	7159.4
30°	8586.7	8580.6	8465.2	8371.1	8249.6	8216.2	8009.7	7839.7	7669.6	7353.8	7116.9
27.5°	8207.1	8169.2	8058.3	7976.3	7856.4	7816.9	7613.4	7522.3	7259.6	6992.4	6791.9
25°	7361.3	7381.1	7297.6	7256.6	7177.6	7092.6	7012.1	6889.1	6725.1	6491.3	6307.6
22.5°	6694.8	6720.6	6685.6	6637.1	6576.3	6529.2	6468.5	6372.9	6214.9	6070.7	5897.6
20°	6324.3	6316.7	6286.3	6249.9	6192.2	6158.8	6091.9	6011.5	5890.0	5765.5	5578.7
17.5°	6129.9	6082.8	6054.0	6040.3	6009.9	5967.4	5888.5	5806.5	5712.3	5571.1	5434.5
15°	5985.7	5993.2	5970.5	5959.8	5935.5	5876.3	5795.8	5729.0	5601.5	5530.1	5405.6
12.5°	5976.5	5968.9	5970.5	5965.9	5935.5	5859.6	5818.6	5733.6	5651.6	5557.5	5414.7
10°	6084.3	6003.9	6009.9	6031.2	5982.6	5921.9	5877.8	5785.2	5707.8	5587.8	5446.6
7.5°	6078.3	6037.3	6049.4	6014.5	6029.7	5955.3	5894.5	5801.9	5704.7	5577.2	5449.6
5°	6114.7	6052.5	6041.8	6044.9	6006.9	5950.7	5868.7	5780.7	5689.6	5546.8	5416.2
2.5°	6031.2	6040.3	5991.7	5973.5	5968.9	5874.8	5798.9	5713.9	5619.7	5493.7	5376.8
0°	5968.9	5985.7	5935.5	5909.7	5908.2	5827.7	5779.1	5682.0	5615.2	5510.4	5369.2
-2.5°	5935.5	5955.3	5961.4	5914.3	5868.7	5806.5	5724.5	5619.7	5510.4	5388.9	5267.4
-5°	5938.6	5899.1	5882.4	5897.6	5858.1	5795.8	5704.7	5612.1	5504.3	5373.7	5221.9
-7.5°	5818.6	5779.1	5776.1	5768.5	5759.4	5700.2	5624.3	5524.0	5414.7	5293.2	5152.0
-10°	5639.4	5610.6	5603.0	5595.4	5571.1	5536.2	5464.8	5373.7	5275.0	5153.6	5003.2
-12.5°	5440.5	5426.9	5398.0	5378.3	5354.0	5313.0	5244.7	5161.1	5062.4	4954.6	4825.6
-15°	5220.4	5194.5	5165.7	5149.0	5114.1	5065.5	4997.2	4919.7	4811.9	4705.6	4584.1
-17.5°	4954.6	4922.8	4890.9	4886.3	4862.0	4787.6	4723.8	4629.7	4535.6	4433.8	4315.4
-20°	4641.8	4597.8	4576.5	4564.4	4531.0	4476.3	4408.0	4321.5	4230.3	4133.2	3996.5



REPORT NUMBER: P722048
 CATALOG NUMBER: IFLD-S-SA2C-735-U-76

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	4295.6	4257.7	4221.2	4198.5	4169.6	4127.1	4061.8	3985.9	3896.3	3787.0	3660.9
-25°	3902.4	3849.2	3826.4	3800.6	3785.4	3746.0	3682.2	3612.3	3519.7	3413.4	3293.5
-27.5°	3452.9	3410.4	3398.2	3361.8	3343.6	3302.6	3249.4	3184.1	3099.1	2998.9	2900.2
-30°	2956.4	2930.6	2910.8	2874.4	2860.7	2816.7	2781.8	2727.1	2649.7	2578.3	2499.3
-32.5°	2446.2	2420.4	2414.3	2397.6	2388.5	2359.6	2320.2	2280.7	2218.4	2165.3	2101.5
-35°	1993.7	1975.5	1977.0	1975.5	1966.4	1945.1	1896.5	1885.9	1840.3	1791.7	1750.7
-37.5°	1632.3	1633.8	1632.3	1630.8	1618.6	1609.5	1574.6	1560.9	1533.6	1486.5	1462.2
-40°	1360.5	1363.6	1362.0	1359.0	1345.3	1340.8	1318.0	1299.8	1289.1	1255.7	1229.9
-42.5°	1140.3	1144.9	1143.4	1141.9	1132.7	1131.2	1119.1	1097.8	1091.8	1072.0	1044.7
-45°	973.3	971.8	968.8	971.8	967.2	962.7	955.1	941.4	933.8	924.7	901.9
-47.5°	841.2	842.7	839.7	839.7	833.6	829.1	826.0	816.9	810.8	803.2	789.6
-50°	731.9	738.0	736.4	734.9	730.4	727.3	727.3	718.2	709.1	706.1	697.0
-52.5°	646.9	651.4	652.9	656.0	657.5	659.0	654.4	645.3	630.1	628.6	624.1
-55°	569.4	583.1	592.2	598.3	604.3	608.9	599.8	587.6	572.4	566.4	564.9
-57.5°	516.3	529.9	540.6	549.7	557.3	564.9	555.7	543.6	529.9	522.3	520.8
-60°	467.7	479.8	490.5	502.6	513.2	525.4	520.8	511.7	504.1	498.0	492.0
-62.5°	416.0	428.2	440.3	455.5	469.2	481.3	482.9	481.3	479.8	481.3	470.7
-65°	373.5	379.6	387.2	403.9	419.1	432.8	440.3	444.9	452.5	460.1	449.5
-67.5°	328.0	335.6	344.7	356.8	369.0	378.1	388.7	400.9	413.0	425.2	417.6
-70°	287.0	293.1	300.6	306.7	314.3	320.4	329.5	343.2	356.8	369.0	365.9
-72.5°	244.5	250.5	255.1	258.1	262.7	265.7	270.3	282.4	291.5	297.6	297.6
-75°	202.0	208.0	212.6	214.1	217.1	218.7	221.7	226.2	230.8	232.3	233.8
-77.5°	154.9	161.0	165.5	168.5	171.6	174.6	176.1	179.2	180.7	180.7	182.2
-80°	115.4	120.0	123.0	127.5	129.1	132.1	135.1	136.7	138.2	138.2	139.7
-82.5°	82.0	85.0	88.1	91.1	94.1	95.7	98.7	100.2	101.7	103.3	104.8
-85°	54.7	57.7	60.7	63.8	65.3	66.8	68.3	69.8	71.4	72.9	74.4
-87.5°	31.9	33.4	34.9	38.0	39.5	42.5	44.0	42.5	44.0	44.0	44.0
-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: P722048
 CATALOG NUMBER: IFLD-S-SA2C-735-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°	59.2	59.2	59.2	59.2	57.7	54.7	53.1	50.1	47.1	44.0	41.0
85°	123.0	124.5	124.5	124.5	121.5	120.0	115.4	110.8	104.8	95.7	88.1
82.5°	205.0	206.5	206.5	205.0	202.0	197.4	191.3	183.7	171.6	159.4	148.8
80°	308.2	309.8	309.8	308.2	300.6	293.1	285.5	276.4	261.2	244.5	226.2
77.5°	431.2	434.3	434.3	429.7	419.1	410.0	397.8	382.6	359.9	335.6	311.3
75°	574.0	581.6	583.1	578.5	564.9	548.2	528.4	502.6	467.7	437.3	408.5
72.5°	739.5	747.1	753.1	747.1	727.3	704.6	675.7	645.3	610.4	569.4	520.8
70°	956.6	964.2	968.8	949.0	914.1	876.1	841.2	806.3	765.3	715.2	662.0
67.5°	1229.9	1222.3	1213.2	1173.7	1129.7	1084.2	1035.6	983.9	930.8	877.7	815.4
65°	1492.6	1471.4	1451.6	1404.5	1348.4	1289.1	1233.0	1175.3	1111.5	1044.7	985.5
62.5°	1769.0	1723.4	1674.8	1617.1	1559.4	1494.1	1438.0	1369.6	1298.3	1216.3	1140.3
60°	2040.8	1986.1	1937.5	1866.2	1790.2	1702.2	1641.4	1574.6	1491.1	1403.0	1313.4
57.5°	2303.5	2244.2	2191.1	2128.8	2046.8	1951.2	1884.4	1797.8	1709.8	1598.9	1507.8
55°	2582.8	2523.6	2481.1	2411.3	2321.7	2233.6	2160.7	2069.6	1946.6	1828.2	1715.8
52.5°	2903.2	2856.2	2810.6	2739.2	2631.4	2541.9	2461.4	2359.6	2230.6	2084.8	1949.7
50°	3261.6	3237.3	3188.7	3105.2	2982.2	2903.2	2796.9	2661.8	2523.6	2370.3	2201.7
47.5°	3736.9	3697.4	3629.0	3537.9	3434.7	3316.3	3173.5	3015.6	2819.7	2649.7	2470.5
45°	4304.7	4231.9	4143.8	4020.8	3893.3	3759.6	3603.2	3402.8	3140.1	2918.4	2730.1
42.5°	4919.7	4821.0	4701.1	4540.1	4374.6	4210.6	4042.1	3768.7	3440.8	3185.7	2973.1
40°	5562.0	5436.0	5285.7	5051.8	4868.1	4657.0	4464.2	4055.7	3706.5	3430.1	3203.9
37.5°	6190.6	6031.2	5779.1	5495.2	5281.1	5108.0	4684.4	4247.0	3934.3	3630.6	3401.3
35°	6672.0	6536.8	6091.9	5797.4	5613.6	5340.3	4810.4	4362.4	4031.4	3779.4	3422.5
32.5°	6957.4	6608.2	6218.0	5920.4	5768.5	5320.6	4819.5	4395.9	4077.0	3794.6	3367.9
30°	6893.7	6471.5	6129.9	5880.9	5551.4	5149.0	4734.5	4344.2	4034.5	3692.8	3307.1
27.5°	6509.5	6183.0	5877.8	5618.2	5294.8	4933.4	4550.7	4207.6	3919.1	3588.1	3223.6
25°	6075.2	5779.1	5552.9	5326.7	5019.9	4675.2	4338.2	4090.7	3800.6	3474.2	3114.3
22.5°	5675.9	5463.3	5285.7	5048.8	4749.6	4449.0	4239.5	3982.8	3685.2	3354.2	3001.9
20°	5420.8	5276.5	5073.1	4811.9	4576.5	4388.3	4155.9	3884.1	3577.4	3231.2	2906.3
17.5°	5297.8	5130.8	4904.5	4734.5	4553.8	4347.3	4087.6	3799.1	3472.6	3175.0	2916.9
15°	5234.0	5057.9	4909.1	4742.1	4538.6	4321.5	4033.0	3733.8	3472.6	3197.8	2924.5
12.5°	5247.7	5095.9	4933.4	4751.2	4532.5	4300.2	4039.0	3761.2	3490.9	3214.5	2926.0
10°	5290.2	5130.8	4957.7	4755.7	4535.6	4306.3	4055.7	3777.9	3500.0	3222.1	2923.0
7.5°	5305.4	5132.3	4947.0	4743.6	4528.0	4303.2	4058.8	3782.4	3501.5	3220.6	2913.9
5°	5258.3	5101.9	4922.8	4717.8	4506.7	4288.0	4046.6	3776.3	3489.4	3205.4	2891.1
2.5°	5194.5	5068.5	4896.9	4699.5	4485.4	4266.8	4026.9	3749.0	3462.0	3178.1	2862.2
0°	5183.9	5027.5	4854.4	4678.3	4450.5	4219.7	3981.3	3697.4	3411.9	3126.4	2812.1
-2.5°	5114.1	4948.6	4775.5	4584.1	4383.7	4151.4	3900.8	3623.0	3340.5	3059.6	2757.5
-5°	5060.9	4877.2	4693.5	4487.0	4285.0	4052.7	3793.0	3522.8	3246.4	2973.1	2681.5
-7.5°	4989.6	4801.3	4608.4	4392.8	4174.2	3937.3	3680.7	3410.4	3138.6	2866.8	2587.4
-10°	4845.3	4679.8	4499.1	4275.9	4045.1	3808.2	3553.1	3287.4	3015.6	2740.8	2459.9
-12.5°	4670.7	4496.1	4298.7	4093.7	3887.2	3667.0	3411.9	3150.7	2877.4	2601.1	2321.7
-15°	4444.4	4272.9	4070.9	3870.5	3671.6	3460.5	3235.8	3000.4	2722.5	2450.7	2171.4
-17.5°	4162.0	4001.1	3820.4	3629.0	3431.7	3219.1	3000.4	2801.5	2541.9	2286.8	2010.4
-20°	3858.3	3708.0	3545.5	3364.8	3167.4	2959.4	2752.9	2544.9	2320.2	2095.4	1838.8



REPORT NUMBER: P722048

CATALOG NUMBER: IFLD-S-SA2C-735-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	3542.5	3390.7	3226.7	3058.1	2875.9	2683.1	2491.7	2292.8	2095.4	1892.0	1674.8
-25°	3178.1	3044.5	2894.1	2730.1	2567.7	2399.1	2216.9	2036.2	1867.7	1691.5	1513.9
-27.5°	2796.9	2674.0	2537.3	2394.6	2254.9	2113.7	1955.7	1788.7	1649.0	1503.2	1356.0
-30°	2396.1	2297.4	2186.5	2062.0	1954.2	1840.3	1708.2	1570.1	1442.5	1331.7	1213.2
-32.5°	2016.5	1933.0	1854.0	1772.0	1665.7	1577.6	1486.5	1384.8	1272.4	1167.7	1082.6
-35°	1690.0	1600.4	1567.0	1506.3	1430.4	1352.9	1286.1	1213.2	1128.2	1035.6	965.7
-37.5°	1415.2	1362.0	1315.0	1281.6	1231.4	1169.2	1116.0	1062.9	997.6	927.8	857.9
-40°	1201.1	1164.6	1113.0	1096.3	1064.4	1021.9	967.2	926.2	882.2	829.1	769.8
-42.5°	1029.5	1002.2	968.8	939.9	926.2	895.9	853.4	813.9	779.0	742.5	697.0
-45°	888.3	870.1	848.8	823.0	812.4	788.1	757.7	713.7	693.9	663.6	630.1
-47.5°	774.4	765.3	750.1	733.4	718.2	700.0	672.7	645.3	618.0	598.3	572.4
-50°	684.8	678.7	669.6	656.0	636.2	624.1	605.9	581.6	555.7	539.0	520.8
-52.5°	613.4	607.4	601.3	590.7	575.5	563.3	548.2	528.4	507.2	490.5	475.3
-55°	558.8	549.7	545.1	536.0	523.9	510.2	496.5	482.9	464.6	449.5	434.3
-57.5°	516.3	504.1	498.0	490.5	478.3	464.6	454.0	440.3	428.2	411.5	397.8
-60°	482.9	469.2	457.0	449.5	438.8	425.2	414.5	403.9	391.8	378.1	361.4
-62.5°	455.5	438.8	422.1	413.0	402.4	390.2	379.6	369.0	356.8	343.2	328.0
-65°	429.7	410.0	388.7	379.6	369.0	356.8	343.2	335.6	324.9	312.8	297.6
-67.5°	397.8	376.6	358.3	347.7	337.1	326.5	314.3	306.7	296.1	280.9	265.7
-70°	350.8	337.1	324.9	315.8	306.7	297.6	285.5	273.3	261.2	247.5	233.8
-72.5°	291.5	287.0	285.5	280.9	270.3	259.7	247.5	235.4	224.7	214.1	203.5
-75°	235.4	238.4	241.4	239.9	229.3	218.7	208.0	197.4	189.8	180.7	171.6
-77.5°	186.8	189.8	192.8	192.8	185.2	179.2	171.6	164.0	157.9	150.3	141.2
-80°	144.3	148.8	153.4	156.4	150.3	145.8	139.7	133.6	127.5	121.5	115.4
-82.5°	109.3	113.9	118.4	121.5	116.9	113.9	109.3	104.8	100.2	94.1	89.6
-85°	79.0	82.0	85.0	86.6	83.5	80.5	77.4	74.4	71.4	66.8	63.8
-87.5°	45.6	47.1	48.6	50.1	47.1	44.0	42.5	39.5	38.0	34.9	33.4
-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: P722048
 CATALOG NUMBER: IFLD-S-SA2C-735-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°	38.0	34.9	31.9	30.4	27.3	22.8	19.7	16.7	13.7	10.6	9.1
85°	80.5	72.9	63.8	59.2	53.1	47.1	41.0	34.9	28.9	22.8	16.7
82.5°	138.2	129.1	120.0	109.3	95.7	79.0	62.3	51.6	42.5	33.4	25.8
80°	208.0	191.3	176.1	162.5	147.3	126.0	103.3	82.0	57.7	44.0	33.4
77.5°	288.5	268.8	247.5	224.7	200.4	171.6	145.8	118.4	89.6	60.7	42.5
75°	379.6	353.8	324.9	293.1	261.2	223.2	186.8	154.9	121.5	85.0	51.6
72.5°	481.3	449.5	414.5	372.0	321.9	277.9	233.8	191.3	151.8	107.8	69.8
70°	611.9	561.8	510.2	464.6	400.9	331.0	279.4	230.8	180.7	132.1	88.1
67.5°	751.6	690.9	628.6	561.8	481.3	399.3	324.9	270.3	211.1	154.9	104.8
65°	903.5	827.5	748.6	674.2	563.3	466.2	382.6	308.2	239.9	176.1	121.5
62.5°	1059.9	970.3	879.2	782.0	654.4	534.5	437.3	350.8	267.2	195.9	136.7
60°	1226.9	1122.1	1011.3	889.8	741.0	608.9	488.9	394.8	296.1	215.6	153.4
57.5°	1403.0	1289.1	1158.6	994.6	830.6	680.3	548.2	434.3	321.9	233.8	165.5
55°	1594.4	1463.8	1321.0	1103.9	918.7	751.6	607.4	473.8	349.2	249.0	177.7
52.5°	1800.9	1649.0	1468.3	1219.3	1011.3	824.5	662.0	508.7	375.1	265.7	188.3
50°	2031.7	1840.3	1597.4	1325.6	1091.8	892.8	716.7	546.6	396.3	283.9	197.4
47.5°	2271.6	2065.1	1712.8	1424.3	1173.7	959.6	772.9	580.0	417.6	299.1	206.5
45°	2522.1	2221.5	1832.7	1512.4	1245.1	1020.4	815.4	610.4	443.4	312.8	214.1
42.5°	2769.6	2339.9	1937.5	1600.4	1311.9	1075.0	850.3	639.3	464.6	326.5	221.7
40°	2886.5	2429.5	2021.0	1661.2	1368.1	1123.6	880.7	665.1	482.9	335.6	229.3
37.5°	2935.1	2484.2	2075.7	1718.9	1412.1	1149.5	906.5	687.8	498.0	344.7	235.4
35°	2945.8	2503.9	2103.0	1758.3	1448.6	1173.7	926.2	704.6	510.2	353.8	241.4
32.5°	2926.0	2497.8	2110.6	1772.0	1471.4	1192.0	939.9	716.7	519.3	362.9	247.5
30°	2882.0	2465.9	2083.3	1770.5	1488.1	1202.6	949.0	725.8	528.4	369.0	250.5
27.5°	2810.6	2409.7	2048.4	1772.0	1497.2	1207.2	953.6	730.4	534.5	373.5	256.6
25°	2722.5	2333.8	2049.9	1769.0	1498.7	1208.7	953.6	730.4	536.0	375.1	261.2
22.5°	2620.8	2333.8	2049.9	1764.4	1489.6	1205.6	949.0	727.3	536.0	378.1	265.7
20°	2626.9	2335.3	2045.3	1755.3	1475.9	1196.5	938.4	719.7	531.5	382.6	268.8
17.5°	2631.4	2332.3	2036.2	1743.2	1457.7	1181.3	924.7	709.1	531.5	387.2	270.3
15°	2631.4	2323.2	2022.5	1724.9	1434.9	1160.1	905.0	700.0	533.0	388.7	273.3
12.5°	2626.9	2306.5	2001.3	1700.6	1407.6	1134.3	892.8	697.0	533.0	390.2	273.3
10°	2617.8	2283.7	1974.0	1670.3	1381.8	1125.2	886.8	690.9	529.9	390.2	273.3
7.5°	2601.1	2256.4	1951.2	1652.1	1366.6	1114.5	877.7	681.8	525.4	387.2	276.4
5°	2575.3	2241.2	1933.0	1630.8	1345.3	1106.9	871.6	674.2	522.3	387.2	273.3
2.5°	2541.9	2223.0	1911.7	1603.5	1321.0	1081.1	851.8	657.5	511.7	381.1	270.3
0°	2487.2	2186.5	1875.3	1565.5	1287.6	1055.3	832.1	640.8	501.1	375.1	267.2
-2.5°	2437.1	2137.9	1828.2	1526.0	1255.7	1032.5	816.9	631.7	496.5	373.5	265.7
-5°	2367.2	2071.1	1765.9	1474.4	1213.2	1009.8	801.7	621.0	492.0	370.5	265.7
-7.5°	2289.8	2001.3	1700.6	1421.3	1170.7	970.3	772.9	604.3	481.3	364.4	264.2
-10°	2169.8	1896.5	1618.6	1360.5	1125.2	935.4	748.6	589.2	472.2	358.3	258.1
-12.5°	2042.3	1781.1	1524.5	1286.1	1073.5	898.9	721.3	572.4	461.6	352.3	255.1
-15°	1907.1	1662.7	1425.8	1208.7	1017.3	854.9	692.4	554.2	451.0	344.7	250.5
-17.5°	1765.9	1538.2	1324.1	1129.7	961.2	809.3	662.0	537.5	438.8	337.1	246.0
-20°	1617.1	1410.6	1220.8	1049.2	901.9	763.8	630.1	517.8	425.2	328.0	239.9



REPORT NUMBER: P722048

CATALOG NUMBER: IFLD-S-SA2C-735-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1469.8	1284.6	1114.5	970.3	841.2	716.7	598.3	498.0	410.0	317.4	235.4
-25°	1339.3	1166.2	1020.4	894.4	782.0	671.1	564.9	478.3	393.3	306.7	229.3
-27.5°	1211.7	1064.4	927.8	823.0	724.3	627.1	533.0	457.0	376.6	294.6	223.2
-30°	1093.3	967.2	854.9	753.1	669.6	587.6	505.6	435.8	358.3	282.4	215.6
-32.5°	985.5	883.7	789.6	692.4	618.0	548.2	479.8	414.5	340.1	270.3	208.0
-35°	885.2	806.3	724.3	642.3	566.4	511.7	452.5	391.8	323.4	256.6	200.4
-37.5°	795.7	731.9	666.6	596.7	531.5	476.8	426.7	369.0	306.7	244.5	192.8
-40°	718.2	666.6	608.9	552.7	498.0	446.4	400.9	346.2	290.0	235.4	185.2
-42.5°	646.9	607.4	560.3	513.2	464.6	419.1	375.1	321.9	273.3	224.7	177.7
-45°	592.2	552.7	514.7	472.2	431.2	391.8	347.7	300.6	258.1	212.6	170.1
-47.5°	540.6	505.6	470.7	435.8	402.4	365.9	321.9	282.4	241.4	202.0	164.0
-50°	495.0	461.6	431.2	400.9	372.0	337.1	296.1	264.2	227.8	191.3	156.4
-52.5°	452.5	423.6	393.3	369.0	344.7	309.8	276.4	246.0	214.1	179.2	148.8
-55°	414.5	387.2	359.9	337.1	314.3	283.9	256.6	230.8	200.4	170.1	141.2
-57.5°	378.1	355.3	329.5	308.2	285.5	261.2	238.4	214.1	186.8	161.0	133.6
-60°	344.7	323.4	300.6	279.4	259.7	239.9	218.7	198.9	174.6	150.3	126.0
-62.5°	311.3	293.1	273.3	252.1	236.9	218.7	202.0	182.2	162.5	141.2	112.4
-65°	280.9	264.2	246.0	227.8	214.1	200.4	185.2	167.0	150.3	130.6	100.2
-67.5°	250.5	235.4	220.2	205.0	192.8	182.2	167.0	153.4	139.7	118.4	88.1
-70°	221.7	209.5	195.9	183.7	174.6	162.5	151.8	139.7	127.5	103.3	74.4
-72.5°	194.4	182.2	171.6	162.5	154.9	144.3	135.1	126.0	109.3	86.6	62.3
-75°	162.5	154.9	148.8	141.2	133.6	126.0	118.4	107.8	91.1	69.8	48.6
-77.5°	133.6	129.1	124.5	118.4	112.4	106.3	97.2	86.6	72.9	54.7	39.5
-80°	109.3	104.8	101.7	95.7	91.1	85.0	75.9	66.8	53.1	42.5	31.9
-82.5°	83.5	80.5	77.4	74.4	69.8	63.8	54.7	47.1	39.5	31.9	24.3
-85°	59.2	57.7	54.7	51.6	47.1	42.5	36.4	31.9	27.3	21.3	16.7
-87.5°	30.4	28.9	27.3	25.8	24.3	21.3	18.2	15.2	13.7	10.6	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: P722048
 CATALOG NUMBER: IFLD-S-SA2C-735-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°	12.1	7.6	3.0	0.0
82.5°	18.2	12.1	4.6	0.0
80°	24.3	15.2	7.6	0.0
77.5°	30.4	18.2	9.1	0.0
75°	36.4	22.8	10.6	0.0
72.5°	41.0	25.8	12.1	0.0
70°	48.6	30.4	13.7	0.0
67.5°	60.7	33.4	15.2	0.0
65°	71.4	36.4	16.7	0.0
62.5°	83.5	39.5	18.2	0.0
60°	94.1	42.5	19.7	0.0
57.5°	104.8	50.1	21.3	0.0
55°	113.9	56.2	22.8	0.0
52.5°	124.5	62.3	24.3	0.0
50°	133.6	68.3	25.8	0.0
47.5°	141.2	74.4	25.8	0.0
45°	147.3	79.0	27.3	0.0
42.5°	151.8	83.5	28.9	0.0
40°	156.4	88.1	30.4	0.0
37.5°	161.0	92.6	30.4	0.0
35°	165.5	97.2	31.9	0.0
32.5°	170.1	101.7	31.9	0.0
30°	173.1	104.8	33.4	0.0
27.5°	177.7	107.8	33.4	0.0
25°	179.2	110.8	34.9	0.0
22.5°	182.2	112.4	34.9	0.0
20°	185.2	115.4	34.9	0.0
17.5°	186.8	116.9	36.4	0.0
15°	186.8	118.4	38.0	0.0
12.5°	188.3	120.0	38.0	0.0
10°	188.3	123.0	36.4	0.0
7.5°	191.3	121.5	36.4	0.0
5°	189.8	121.5	36.4	0.0
2.5°	188.3	120.0	36.4	0.0
0°	186.8	120.0	36.4	0.0
-2.5°	186.8	120.0	36.4	0.0
-5°	186.8	120.0	36.4	0.0
-7.5°	185.2	121.5	36.4	0.0
-10°	182.2	121.5	36.4	0.0
-12.5°	180.7	116.9	36.4	0.0
-15°	179.2	115.4	36.4	0.0
-17.5°	176.1	113.9	34.9	0.0
-20°	173.1	112.4	34.9	0.0



REPORT NUMBER: P722048

CATALOG NUMBER: IFLD-S-SA2C-735-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	170.1	109.3	34.9	0.0
-25°	167.0	106.3	33.4	0.0
-27.5°	164.0	103.3	33.4	0.0
-30°	159.4	100.2	31.9	0.0
-32.5°	154.9	97.2	31.9	0.0
-35°	151.8	92.6	30.4	0.0
-37.5°	147.3	88.1	30.4	0.0
-40°	142.7	83.5	28.9	0.0
-42.5°	138.2	79.0	27.3	0.0
-45°	132.1	74.4	27.3	0.0
-47.5°	127.5	69.8	25.8	0.0
-50°	120.0	63.8	24.3	0.0
-52.5°	110.8	57.7	22.8	0.0
-55°	101.7	53.1	21.3	0.0
-57.5°	92.6	47.1	21.3	0.0
-60°	83.5	41.0	19.7	0.0
-62.5°	74.4	38.0	18.2	0.0
-65°	65.3	34.9	16.7	0.0
-67.5°	54.7	30.4	15.2	0.0
-70°	45.6	27.3	13.7	0.0
-72.5°	39.5	24.3	12.1	0.0
-75°	33.4	21.3	10.6	0.0
-77.5°	28.9	18.2	9.1	0.0
-80°	22.8	13.7	6.1	0.0
-82.5°	16.7	10.6	4.6	0.0
-85°	10.6	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)