

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: P722689

Luminaire Tested: **IFLD-S-SA3A-935-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722689
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3A-935-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens with Visor
Light Source: (48) 3500K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

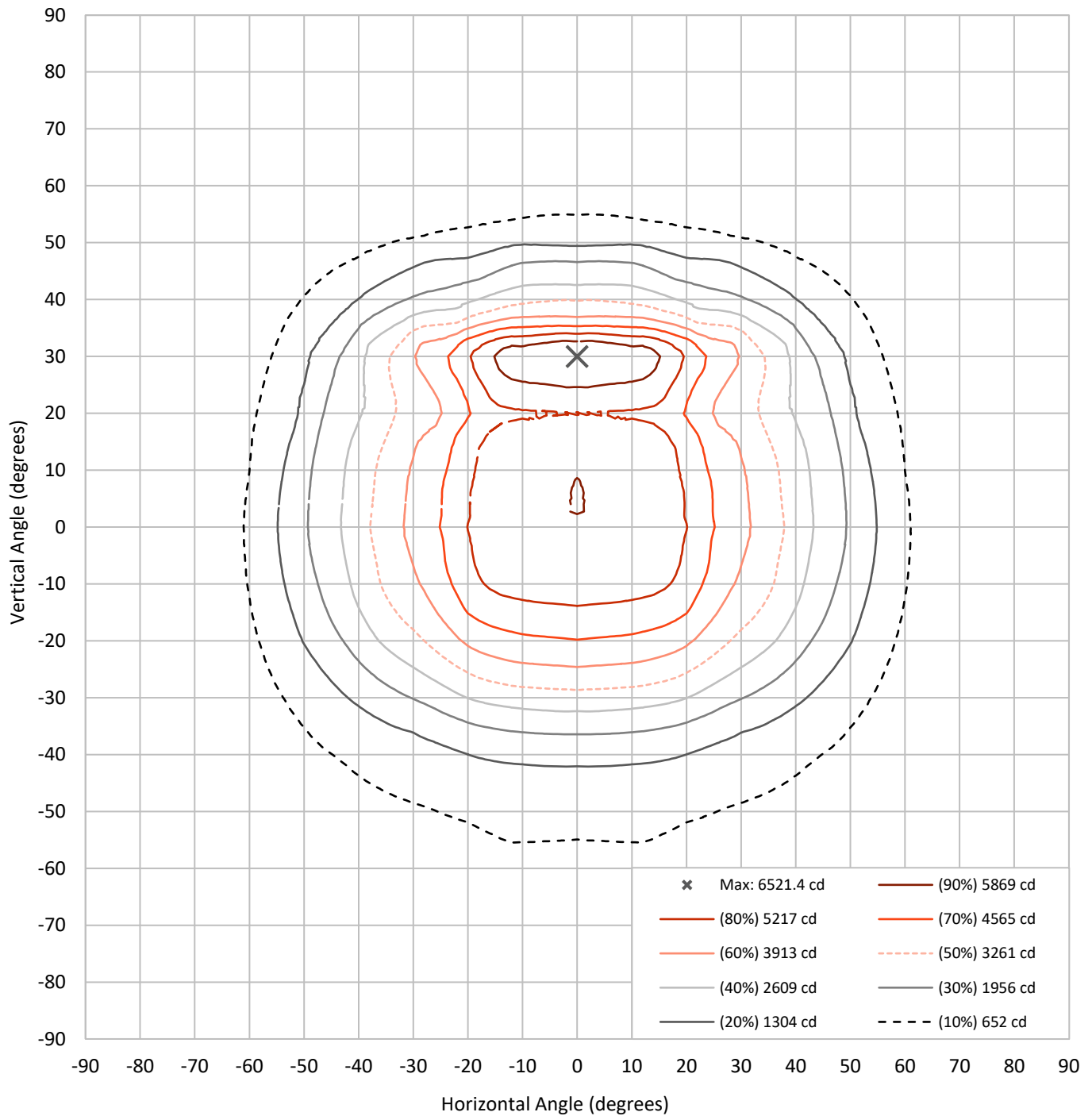
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	9341.5 lumens	Max Intensity:	6521.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	98.5 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:	5959.5 lumens	Field Lumens:	8806.9 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	94.8		
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		



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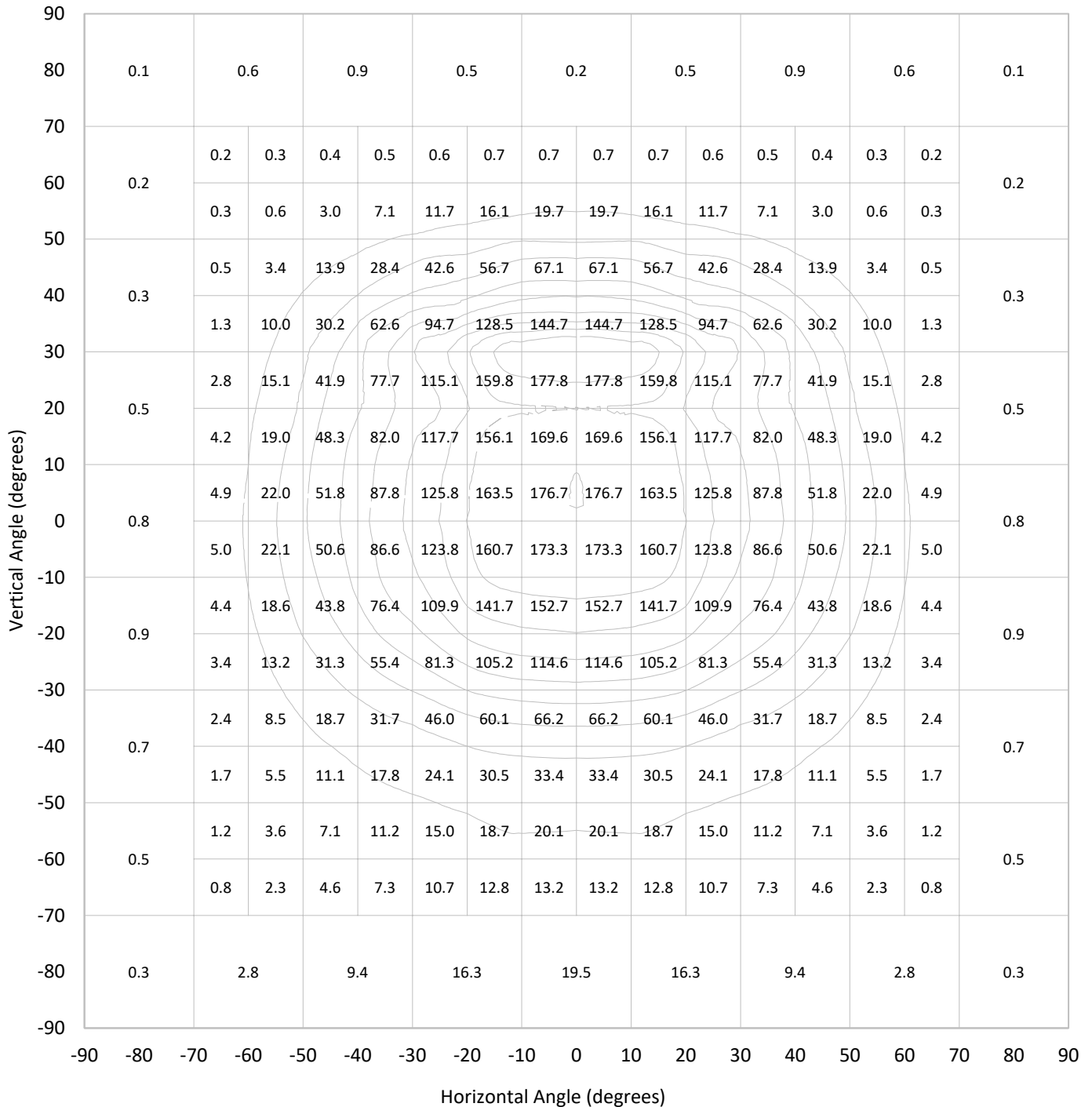
Iso-Candela Plot





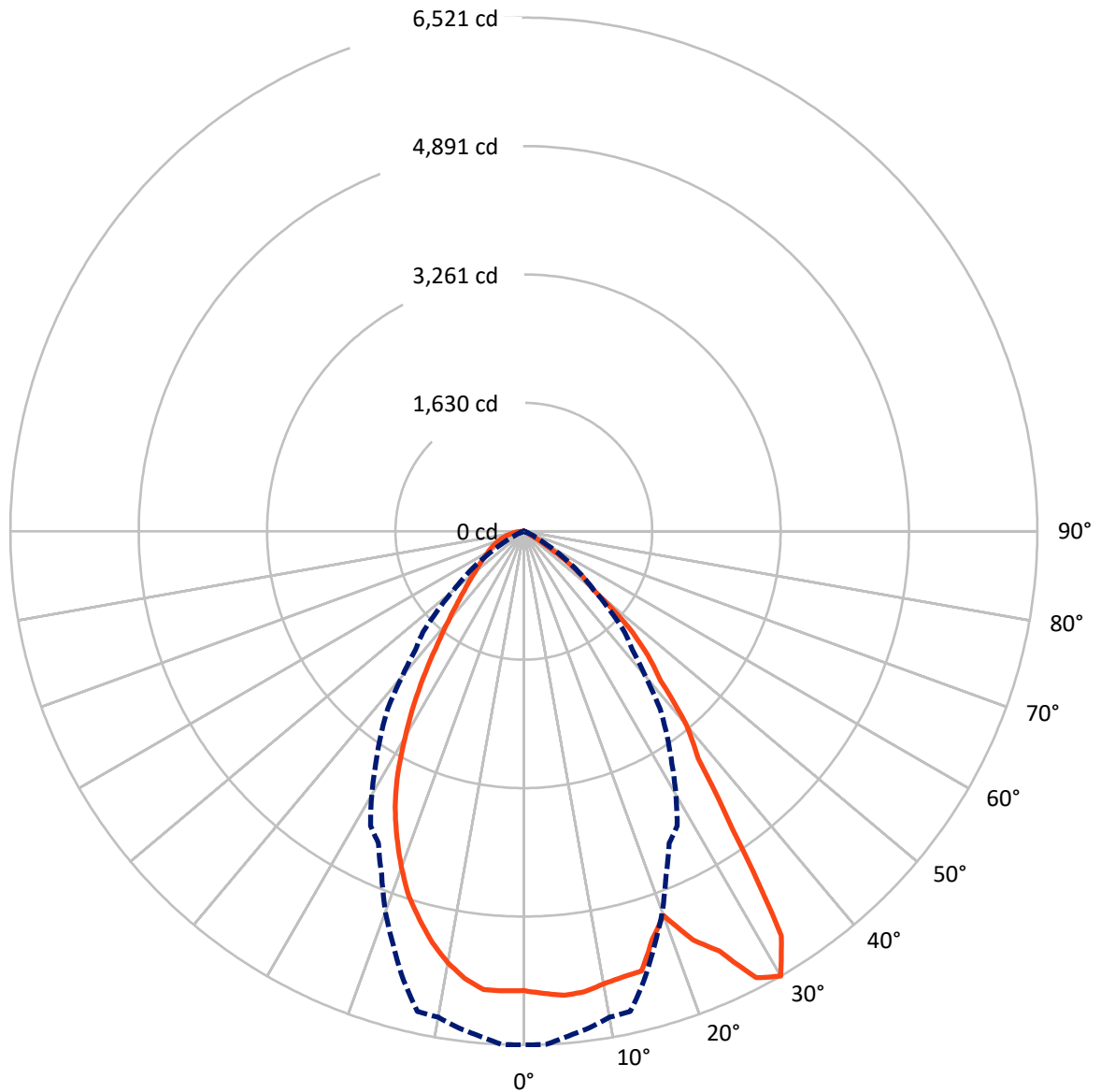
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Lumen Table



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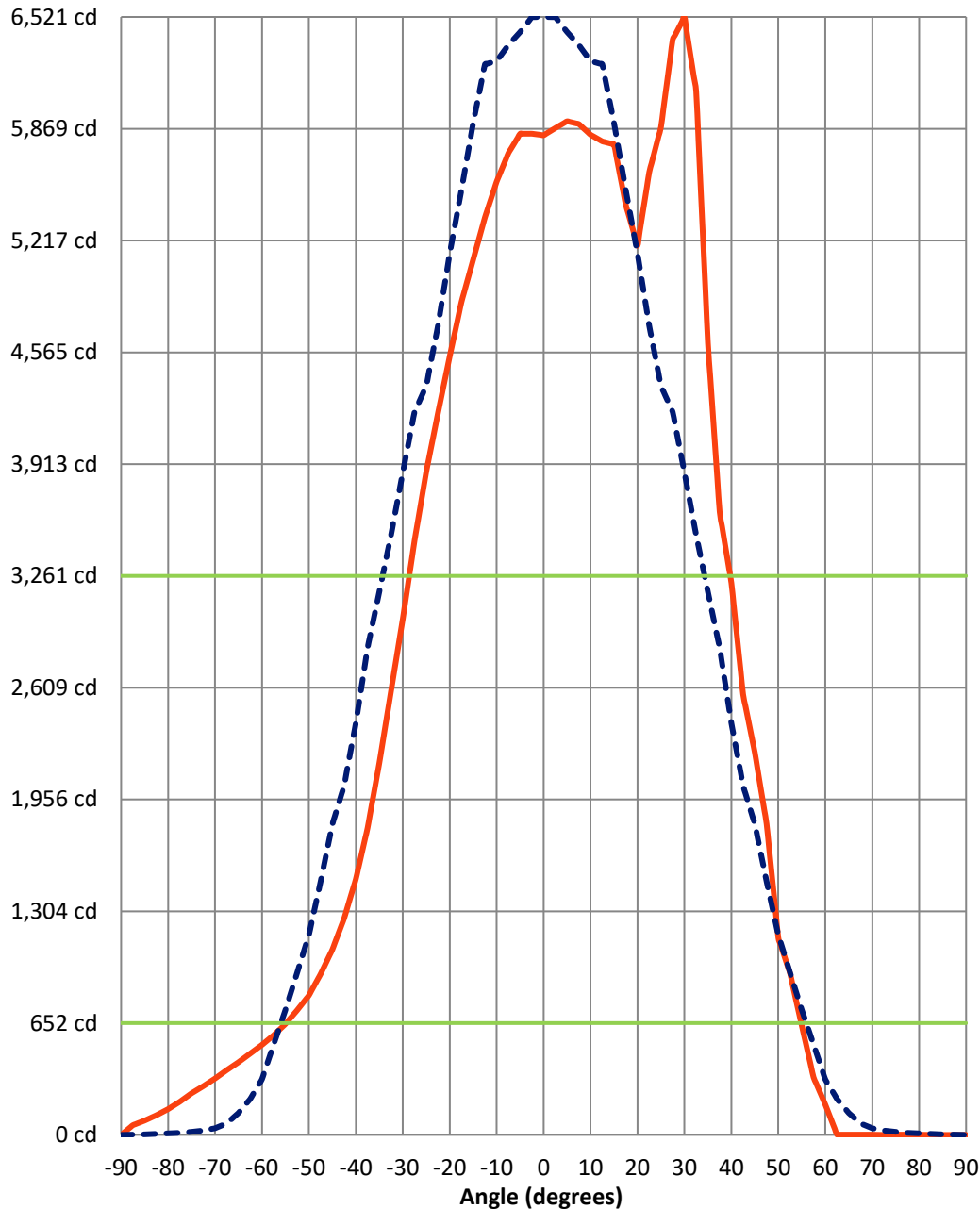
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 68.6°
 V Angle: 68.4°
 Lumens: 5959.5
 Efficiency: 63.8%

Field:
 H Angle: 111.9°
 V Angle: 109.7°
 Lumens: 8806.9
 Efficiency: 94.3%

Spill:
 Lumens: 534.6
 Efficiency: 5.7%

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



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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	1.5	1.5	1.5	1.5	1.5	1.5	1.5
85°	0.0	1.5	1.5	1.5	3.0	3.0	3.0	3.0	3.0	3.0	4.5
82.5°	0.0	1.5	1.5	1.5	3.0	3.0	3.0	3.0	4.5	4.5	5.9
80°	1.5	1.5	1.5	1.5	3.0	3.0	3.0	4.5	4.5	5.9	5.9
77.5°	1.5	1.5	1.5	3.0	3.0	3.0	4.5	4.5	5.9	5.9	7.4
75°	1.5	1.5	1.5	3.0	3.0	4.5	4.5	4.5	5.9	5.9	7.4
72.5°	0.0	1.5	1.5	3.0	3.0	4.5	4.5	4.5	5.9	5.9	5.9
70°	1.5	1.5	1.5	3.0	3.0	4.5	4.5	4.5	5.9	5.9	5.9
67.5°	1.5	1.5	1.5	3.0	3.0	4.5	4.5	5.9	5.9	5.9	7.4
65°	1.5	1.5	1.5	3.0	4.5	4.5	5.9	7.4	7.4	8.9	10.4
62.5°	1.5	3.0	3.0	4.5	5.9	7.4	16.4	25.3	25.3	17.8	14.9
60°	177.0	191.8	190.4	172.5	150.2	126.4	122.0	117.5	108.6	95.2	99.6
57.5°	336.1	354.0	361.4	356.9	345.0	324.2	312.3	298.9	281.1	260.3	236.5
55°	636.5	644.0	627.6	596.4	562.2	528.0	516.1	498.2	471.4	444.7	409.0
52.5°	941.4	966.7	959.2	928.0	881.9	820.9	754.0	702.0	670.7	641.0	605.3
50°	1149.6	1160.0	1180.8	1218.0	1231.4	1189.8	1081.2	941.4	841.8	892.3	853.7
47.5°	1814.4	1866.4	1856.0	1829.3	1784.6	1671.6	1519.9	1395.0	1290.9	1256.7	1262.6
45°	2229.3	2250.1	2242.7	2230.8	2210.0	2104.4	1936.3	1744.5	1647.8	1609.2	1569.0
42.5°	2569.9	2592.2	2596.7	2598.1	2575.8	2479.2	2327.5	2135.6	2039.0	1927.4	1839.7
40°	3219.8	3252.5	3215.3	3166.3	3091.9	2981.8	2833.1	2656.1	2485.1	2348.3	2244.2
37.5°	3634.7	3674.9	3689.8	3686.8	3670.4	3622.8	3439.9	3271.8	3010.1	2703.7	2758.8
35°	4619.3	4660.9	4649.0	4604.4	4580.6	4530.0	4351.6	4152.3	3823.6	3490.5	3401.2
32.5°	6087.1	6177.8	6008.3	5822.4	5707.9	5748.0	5566.6	5078.8	4927.1	4326.3	4048.2
30°	6521.4	6519.9	6433.6	6357.8	6264.1	6244.8	5902.7	5513.1	5141.3	4720.4	4369.4
27.5°	6389.0	6362.3	6289.4	6234.4	6146.6	6100.5	5765.9	5456.6	5026.8	4650.5	4311.4
25°	5878.9	5899.7	5825.4	5815.0	5780.8	5691.5	5525.0	5177.0	4793.3	4376.8	4132.9
22.5°	5615.7	5608.2	5519.0	5467.0	5508.6	5413.4	5346.5	4995.5	4595.5	4244.5	3951.5
20°	5187.4	5188.9	5166.5	5162.1	5136.8	5093.7	5040.1	4791.8	4509.2	4208.8	3856.3
17.5°	5426.8	5487.8	5514.6	5293.0	5355.4	5306.3	5249.8	4903.3	4690.6	4424.4	3964.9
15°	5777.8	5755.5	5728.7	5716.8	5682.6	5636.5	5533.9	5257.3	4891.4	4616.3	4257.9
12.5°	5795.6	5752.5	5742.1	5740.6	5704.9	5641.0	5541.3	5312.3	4988.1	4653.5	4362.0
10°	5834.3	5789.7	5783.7	5791.2	5736.1	5696.0	5596.4	5383.7	5017.8	4717.4	4442.3
7.5°	5896.8	5822.4	5856.6	5834.3	5809.0	5745.1	5638.0	5429.8	5126.4	4802.2	4513.7
5°	5913.1	5831.3	5868.5	5847.7	5810.5	5748.0	5632.0	5459.5	5193.3	4836.4	4541.9
2.5°	5873.0	5849.2	5832.8	5794.1	5777.8	5709.4	5599.3	5414.9	5162.1	4821.5	4536.0
0°	5831.3	5852.1	5815.0	5776.3	5768.9	5713.8	5620.1	5453.6	5235.0	4863.2	4586.5
-2.5°	5840.3	5823.9	5798.6	5758.5	5719.8	5641.0	5556.2	5400.0	5165.1	4772.4	4515.2
-5°	5840.3	5764.4	5767.4	5768.9	5730.2	5648.4	5545.8	5413.4	5123.4	4771.0	4494.3
-7.5°	5727.2	5661.8	5651.4	5642.5	5632.0	5556.2	5475.9	5310.8	5053.5	4732.3	4436.3
-10°	5560.7	5496.7	5502.7	5489.3	5456.6	5406.0	5345.0	5196.3	4985.1	4610.3	4318.8
-12.5°	5352.4	5324.2	5307.8	5285.5	5252.8	5208.2	5145.7	5005.9	4779.9	4460.1	4183.5
-15°	5105.6	5084.8	5069.9	5056.5	5008.9	4962.8	4881.0	4751.6	4610.3	4266.8	3984.2
-17.5°	4858.7	4806.6	4785.8	4768.0	4736.7	4662.4	4588.0	4491.4	4293.6	4021.4	3779.0
-20°	4541.9	4510.7	4485.4	4461.6	4417.0	4359.0	4298.0	4186.5	4015.5	3795.3	3544.0



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CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	4210.3	4192.4	4171.6	4141.9	4112.1	4057.1	3972.3	3865.2	3731.4	3493.4	3258.5
-25°	3868.2	3834.0	3808.7	3780.5	3756.7	3706.1	3624.3	3521.7	3353.6	3148.4	2952.1
-27.5°	3465.2	3432.5	3419.1	3386.4	3365.5	3319.4	3237.6	3142.5	2990.8	2818.3	2619.0
-30°	3010.1	3016.1	3001.2	2969.9	2944.7	2885.2	2822.7	2742.4	2623.4	2458.3	2279.9
-32.5°	2589.2	2596.7	2578.8	2546.1	2513.4	2470.2	2412.2	2339.4	2250.1	2092.5	1937.8
-35°	2168.3	2165.4	2150.5	2131.2	2108.9	2073.2	2007.7	1952.7	1850.1	1740.0	1633.0
-37.5°	1790.6	1798.0	1793.6	1783.2	1757.9	1728.1	1674.6	1624.0	1548.2	1451.5	1368.2
-40°	1491.7	1500.6	1494.6	1484.2	1461.9	1444.1	1408.4	1363.8	1302.8	1219.5	1149.6
-42.5°	1262.6	1268.6	1261.1	1252.2	1232.9	1219.5	1191.3	1154.1	1103.5	1039.6	977.1
-45°	1081.2	1082.7	1075.2	1069.3	1054.4	1038.1	1014.3	984.5	944.4	899.8	849.2
-47.5°	938.4	936.9	929.5	923.6	911.7	896.8	877.5	850.7	819.4	785.2	745.1
-50°	813.5	820.9	818.0	812.0	803.1	792.7	773.3	745.1	713.9	688.6	660.3
-52.5°	727.2	728.7	727.2	727.2	725.8	718.3	696.0	667.8	633.5	611.2	587.4
-55°	646.9	654.4	657.3	660.3	661.8	661.8	635.0	605.3	572.6	550.3	532.4
-57.5°	581.5	586.0	588.9	596.4	602.3	606.8	583.0	556.2	530.9	510.1	493.8
-60°	525.0	530.9	535.4	542.8	547.3	550.3	535.4	517.5	502.7	489.3	465.5
-62.5°	474.4	478.9	483.3	487.8	492.3	495.2	489.3	480.4	472.9	467.0	437.2
-65°	423.9	428.3	432.8	438.7	443.2	446.2	444.7	438.7	432.8	426.8	400.1
-67.5°	377.7	382.2	388.2	389.6	392.6	394.1	391.1	386.7	379.2	371.8	351.0
-70°	328.7	331.6	334.6	334.6	334.6	333.1	330.2	324.2	316.8	306.4	290.0
-72.5°	284.1	287.0	290.0	285.5	282.6	278.1	273.6	266.2	258.8	251.3	242.4
-75°	242.4	243.9	243.9	238.0	233.5	229.0	223.1	218.6	211.2	205.2	197.8
-77.5°	193.3	193.3	193.3	188.9	185.9	182.9	178.5	174.0	168.1	163.6	157.6
-80°	150.2	150.2	150.2	148.7	144.3	141.3	138.3	135.3	130.9	127.9	124.9
-82.5°	114.5	114.5	114.5	113.0	110.1	108.6	105.6	102.6	101.1	98.2	96.7
-85°	83.3	84.8	84.8	83.3	81.8	78.8	77.3	75.8	74.4	72.9	69.9
-87.5°	56.5	56.5	56.5	55.0	53.5	53.5	52.1	49.1	46.1	44.6	43.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
85°	4.5	4.5	4.5	5.9	5.9	5.9	5.9	5.9	5.9	5.9	4.5
82.5°	7.4	7.4	8.9	8.9	10.4	10.4	10.4	10.4	10.4	10.4	10.4
80°	7.4	8.9	10.4	11.9	13.4	14.9	14.9	14.9	14.9	13.4	13.4
77.5°	8.9	8.9	10.4	11.9	13.4	14.9	16.4	17.8	16.4	16.4	16.4
75°	8.9	10.4	10.4	11.9	13.4	14.9	16.4	17.8	17.8	17.8	17.8
72.5°	7.4	8.9	10.4	11.9	11.9	13.4	14.9	14.9	16.4	16.4	17.8
70°	7.4	8.9	10.4	10.4	11.9	11.9	13.4	14.9	14.9	16.4	16.4
67.5°	8.9	10.4	10.4	11.9	13.4	13.4	13.4	14.9	14.9	16.4	16.4
65°	10.4	11.9	11.9	13.4	14.9	14.9	16.4	16.4	16.4	17.8	17.8
62.5°	17.8	17.8	17.8	16.4	17.8	17.8	17.8	19.3	19.3	17.8	19.3
60°	92.2	66.9	46.1	58.0	52.1	23.8	23.8	23.8	22.3	22.3	20.8
57.5°	217.1	202.3	174.0	147.2	132.4	117.5	72.9	29.7	29.7	26.8	23.8
55°	362.9	313.8	293.0	257.3	218.6	200.8	166.6	113.0	53.5	35.7	31.2
52.5°	562.2	516.1	462.5	389.6	337.6	296.0	267.7	212.7	142.8	75.8	47.6
50°	752.5	731.7	699.0	627.6	519.0	449.1	403.0	340.6	255.8	156.2	89.2
47.5°	1212.1	1038.1	932.5	877.5	786.7	654.4	565.1	495.2	392.6	263.2	157.6
45°	1525.9	1415.8	1247.8	1131.8	997.9	858.1	742.1	661.8	539.9	394.1	246.9
42.5°	1795.1	1699.9	1548.2	1378.6	1237.4	1054.4	905.7	800.1	697.5	538.4	368.8
40°	2141.6	2028.5	1882.8	1717.7	1552.6	1319.2	1078.2	950.3	837.3	696.0	498.2
37.5°	2712.7	2513.4	2275.4	2092.5	1876.9	1679.1	1348.9	1122.8	989.0	841.8	649.9
35°	3399.7	3181.1	2784.0	2541.6	2253.1	1958.6	1661.2	1326.6	1136.2	980.1	789.7
32.5°	4039.2	3719.5	3210.9	2926.8	2735.0	2192.1	1884.3	1594.3	1287.9	1096.1	870.0
30°	4216.2	3863.8	3499.4	3167.7	2840.6	2401.8	2037.5	1811.4	1478.3	1166.0	945.9
27.5°	4037.8	3795.3	3512.8	3204.9	2851.0	2474.7	2131.2	1915.5	1618.1	1213.6	1005.4
25°	3856.3	3603.5	3405.7	3148.4	2821.2	2470.2	2134.1	1981.0	1726.6	1305.8	1038.1
22.5°	3664.5	3506.8	3343.2	3056.2	2746.9	2483.6	2230.8	2037.5	1783.2	1409.9	1051.5
20°	3674.9	3572.3	3392.3	3008.6	2733.5	2562.5	2346.8	2108.9	1844.1	1500.6	1061.9
17.5°	3841.4	3707.6	3481.5	3148.4	2853.9	2642.8	2443.5	2207.0	1906.6	1580.9	1188.3
15°	4046.7	3842.9	3606.5	3313.5	2980.4	2730.5	2517.8	2275.4	1978.0	1655.3	1301.3
12.5°	4195.4	3905.4	3683.8	3419.1	3117.2	2825.7	2566.9	2327.5	2044.9	1716.2	1386.1
10°	4246.0	3982.7	3721.0	3484.5	3187.1	2876.3	2604.1	2360.2	2102.9	1763.8	1448.5
7.5°	4272.7	4049.7	3746.3	3514.3	3228.7	2907.5	2633.8	2378.0	2149.0	1796.5	1488.7
5°	4269.8	4085.4	3765.6	3523.2	3251.0	2920.9	2654.7	2382.5	2181.7	1824.8	1512.5
2.5°	4256.4	4109.1	3796.8	3538.1	3295.6	2946.2	2694.8	2391.4	2193.6	1856.0	1528.8
0°	4305.5	4110.6	3829.6	3542.5	3325.4	2955.1	2712.7	2384.0	2177.3	1865.0	1527.4
-2.5°	4199.9	4022.9	3822.1	3503.9	3285.2	2934.3	2679.9	2360.2	2141.6	1854.5	1521.4
-5°	4182.0	3958.9	3759.7	3468.2	3218.3	2891.1	2619.0	2315.6	2085.1	1820.3	1497.6
-7.5°	4134.4	3898.0	3698.7	3439.9	3155.8	2846.5	2561.0	2269.5	2024.1	1766.8	1463.4
-10°	4030.3	3804.3	3633.2	3378.9	3080.0	2782.6	2491.1	2208.5	1952.7	1693.9	1409.9
-12.5°	3881.6	3655.5	3486.0	3249.5	2984.8	2696.3	2407.8	2129.7	1870.9	1616.6	1345.9
-15°	3713.5	3484.5	3315.0	3099.3	2843.5	2562.5	2302.2	2030.0	1777.2	1534.8	1270.1
-17.5°	3523.2	3306.1	3142.5	2932.8	2678.5	2410.8	2152.0	1905.1	1668.6	1450.0	1182.3
-20°	3303.1	3091.9	2941.7	2732.0	2498.5	2238.2	1986.9	1753.4	1540.7	1335.5	1085.7



REPORT NUMBER: P722689

CATALOG NUMBER: IFLD-S-SA3A-935-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°	3030.9	2845.0	2674.0	2486.6	2282.9	2044.9	1811.4	1604.7	1400.9	1200.2	986.0
-25°	2752.8	2572.9	2406.3	2235.3	2040.4	1835.2	1635.9	1448.5	1249.3	1067.8	889.3
-27.5°	2443.5	2282.9	2134.1	1976.5	1798.0	1621.1	1457.5	1274.5	1102.0	947.3	794.2
-30°	2113.3	1982.4	1853.1	1713.3	1569.0	1420.3	1274.5	1102.0	966.7	843.2	713.9
-32.5°	1796.5	1679.1	1574.9	1470.8	1345.9	1224.0	1094.6	966.7	853.7	745.1	636.5
-35°	1518.4	1393.5	1335.5	1252.2	1152.6	1042.5	936.9	847.7	757.0	658.8	562.2
-37.5°	1277.5	1197.2	1128.8	1066.3	987.5	892.3	816.5	743.6	667.8	578.5	495.2
-40°	1088.6	1030.6	962.2	916.1	852.2	783.8	707.9	646.9	583.0	510.1	441.7
-42.5°	936.9	889.3	844.7	795.7	748.1	690.1	624.6	566.6	508.6	455.1	398.6
-45°	812.0	777.8	742.1	702.0	660.3	609.8	556.2	496.7	455.1	407.5	359.9
-47.5°	709.4	684.1	654.4	623.1	587.4	542.8	493.8	450.6	407.5	367.3	321.2
-50°	627.6	603.8	580.0	553.2	522.0	483.3	446.2	406.0	365.9	327.2	284.1
-52.5°	559.2	538.4	519.0	496.7	467.0	434.3	400.1	364.4	327.2	288.5	254.3
-55°	511.6	487.8	468.5	446.2	419.4	388.2	356.9	324.2	288.5	258.8	230.5
-57.5°	472.9	446.2	423.9	400.1	373.3	346.5	318.3	288.5	261.7	233.5	206.7
-60°	440.2	409.0	383.7	359.9	334.6	309.3	285.5	260.3	235.0	209.7	182.9
-62.5°	406.0	373.3	342.1	319.7	300.4	278.1	257.3	233.5	211.2	185.9	166.6
-65°	367.3	336.1	306.4	287.0	269.2	249.9	230.5	209.7	190.4	171.0	153.2
-67.5°	324.2	297.4	276.6	258.8	240.9	224.6	206.7	188.9	172.5	153.2	135.3
-70°	272.2	257.3	245.4	232.0	215.6	200.8	184.4	168.1	150.2	133.8	117.5
-72.5°	232.0	223.1	214.2	200.8	185.9	172.5	159.1	144.3	129.4	114.5	101.1
-75°	190.4	182.9	175.5	166.6	154.7	144.3	132.4	119.0	107.1	96.7	86.3
-77.5°	153.2	147.2	142.8	135.3	126.4	117.5	110.1	101.1	92.2	81.8	71.4
-80°	122.0	119.0	117.5	114.5	107.1	99.6	93.7	86.3	77.3	69.9	62.5
-82.5°	95.2	95.2	93.7	92.2	86.3	80.3	75.8	69.9	63.9	58.0	50.6
-85°	69.9	68.4	68.4	66.9	62.5	59.5	55.0	52.1	47.6	41.6	38.7
-87.5°	41.6	40.2	38.7	37.2	34.2	32.7	29.7	28.3	25.3	22.3	20.8
-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: P722689

CATALOG NUMBER: IFLD-S-SA3A-935-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°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	0.0	0.0
85°	4.5	3.0	3.0	3.0	3.0	3.0	1.5	1.5	1.5	1.5	1.5
82.5°	8.9	8.9	7.4	7.4	5.9	4.5	3.0	3.0	3.0	1.5	1.5
80°	13.4	13.4	13.4	11.9	10.4	7.4	5.9	4.5	3.0	1.5	1.5
77.5°	16.4	14.9	14.9	13.4	13.4	11.9	8.9	7.4	4.5	3.0	1.5
75°	16.4	16.4	16.4	14.9	14.9	13.4	11.9	8.9	7.4	4.5	3.0
72.5°	17.8	16.4	16.4	16.4	14.9	13.4	11.9	10.4	8.9	5.9	3.0
70°	16.4	16.4	16.4	16.4	14.9	14.9	11.9	10.4	10.4	5.9	4.5
67.5°	16.4	16.4	16.4	14.9	14.9	13.4	11.9	10.4	10.4	7.4	4.5
65°	17.8	16.4	16.4	16.4	14.9	13.4	11.9	10.4	10.4	8.9	5.9
62.5°	19.3	17.8	17.8	16.4	14.9	13.4	11.9	10.4	10.4	8.9	5.9
60°	20.8	19.3	17.8	17.8	16.4	14.9	11.9	11.9	10.4	8.9	5.9
57.5°	22.3	20.8	20.8	19.3	17.8	16.4	13.4	11.9	10.4	8.9	7.4
55°	26.8	23.8	22.3	22.3	20.8	17.8	14.9	11.9	10.4	8.9	7.4
52.5°	35.7	28.3	25.3	25.3	23.8	20.8	16.4	13.4	10.4	8.9	7.4
50°	56.5	35.7	29.7	26.8	26.8	23.8	19.3	14.9	10.4	8.9	7.4
47.5°	89.2	59.5	35.7	31.2	29.7	28.3	22.3	14.9	11.9	8.9	7.4
45°	147.2	87.7	58.0	37.2	31.2	29.7	25.3	16.4	11.9	10.4	7.4
42.5°	202.3	136.8	89.2	44.6	37.2	32.7	26.8	17.8	13.4	10.4	7.4
40°	318.3	187.4	124.9	72.9	43.1	34.2	29.7	20.8	13.4	10.4	7.4
37.5°	431.3	248.4	168.1	107.1	49.1	38.7	31.2	22.3	14.9	10.4	8.9
35°	544.3	348.0	208.2	142.8	65.4	46.1	32.7	23.8	14.9	10.4	8.9
32.5°	645.4	441.7	249.9	178.5	98.2	55.0	35.7	25.3	16.4	11.9	8.9
30°	728.7	528.0	324.2	209.7	127.9	66.9	38.7	25.3	17.8	11.9	8.9
27.5°	791.2	594.9	400.1	242.4	153.2	78.8	44.6	28.3	17.8	11.9	8.9
25°	841.8	646.9	467.0	276.6	175.5	98.2	53.5	29.7	19.3	13.4	8.9
22.5°	881.9	690.1	522.0	322.7	202.3	117.5	65.4	32.7	19.3	13.4	8.9
20°	936.9	733.2	559.2	371.8	230.5	135.3	75.8	35.7	19.3	13.4	10.4
17.5°	984.5	776.3	588.9	413.4	258.8	148.7	87.7	38.7	20.8	13.4	10.4
15°	1039.6	818.0	615.7	446.2	285.5	160.6	98.2	41.6	20.8	14.9	10.4
12.5°	1099.0	856.6	635.0	472.9	313.8	171.0	107.1	47.6	22.3	14.9	10.4
10°	1160.0	889.3	651.4	492.3	334.6	181.4	113.0	53.5	23.8	14.9	10.4
7.5°	1221.0	919.1	672.2	501.2	343.5	193.3	116.0	59.5	23.8	16.4	10.4
5°	1262.6	938.4	702.0	507.1	348.0	206.7	120.5	66.9	25.3	16.4	10.4
2.5°	1298.3	950.3	733.2	511.6	349.5	214.2	119.0	71.4	26.8	16.4	10.4
0°	1314.7	950.3	754.0	508.6	345.0	221.6	119.0	75.8	26.8	16.4	10.4
-2.5°	1289.4	977.1	748.1	510.1	346.5	221.6	124.9	77.3	29.7	17.8	10.4
-5°	1249.3	987.5	730.2	502.7	343.5	221.6	132.4	78.8	31.2	17.8	11.9
-7.5°	1210.6	992.0	709.4	495.2	339.1	215.6	133.8	77.3	34.2	19.3	11.9
-10°	1160.0	942.9	682.6	481.9	330.2	211.2	136.8	77.3	35.7	19.3	11.9
-12.5°	1102.0	883.4	649.9	462.5	319.7	206.7	138.3	77.3	37.2	20.8	11.9
-15°	1035.1	822.4	612.7	441.7	304.9	200.8	135.3	75.8	38.7	20.8	13.4
-17.5°	959.2	762.9	574.1	416.4	288.5	193.3	129.4	74.4	38.7	20.8	13.4
-20°	873.0	703.4	530.9	391.1	269.2	184.4	123.4	71.4	38.7	20.8	13.4



REPORT NUMBER: P722689

CATALOG NUMBER: IFLD-S-SA3A-935-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	795.7	648.4	486.3	362.9	248.4	174.0	116.0	68.4	38.7	22.3	13.4
-25°	731.7	594.9	452.1	334.6	226.1	162.1	108.6	65.4	38.7	22.3	13.4
-27.5°	664.8	536.9	416.4	307.9	211.2	151.7	101.1	62.5	37.2	22.3	13.4
-30°	596.4	480.4	379.2	278.1	196.3	141.3	95.2	58.0	37.2	22.3	13.4
-32.5°	533.9	434.3	345.0	248.4	180.0	130.9	89.2	56.5	35.7	22.3	13.4
-35°	472.9	392.6	309.3	224.6	162.1	120.5	83.3	55.0	35.7	22.3	13.4
-37.5°	422.4	354.0	276.6	208.2	151.7	111.5	77.3	52.1	34.2	22.3	13.4
-40°	380.7	318.3	245.4	190.4	142.8	102.6	71.4	50.6	34.2	22.3	13.4
-42.5°	342.1	284.1	226.1	175.5	133.8	96.7	66.9	49.1	32.7	22.3	13.4
-45°	307.9	254.3	206.7	162.1	123.4	89.2	63.9	46.1	31.2	22.3	14.9
-47.5°	273.6	233.5	188.9	150.2	113.0	80.3	61.0	44.6	29.7	20.8	14.9
-50°	246.9	211.2	174.0	136.8	102.6	77.3	58.0	41.6	29.7	20.8	14.9
-52.5°	223.1	190.4	157.6	123.4	93.7	72.9	55.0	38.7	28.3	20.8	14.9
-55°	200.8	171.0	141.3	110.1	87.7	68.4	50.6	35.7	28.3	20.8	14.9
-57.5°	178.5	153.2	124.9	99.6	80.3	63.9	47.6	35.7	28.3	20.8	14.9
-60°	160.6	136.8	113.0	92.2	74.4	58.0	43.1	34.2	26.8	20.8	14.9
-62.5°	145.7	123.4	102.6	83.3	68.4	52.1	41.6	34.2	26.8	20.8	13.4
-65°	130.9	111.5	92.2	75.8	61.0	49.1	40.2	32.7	26.8	20.8	13.4
-67.5°	116.0	98.2	83.3	66.9	56.5	47.6	38.7	32.7	25.3	19.3	13.4
-70°	101.1	86.3	72.9	62.5	53.5	44.6	37.2	31.2	25.3	17.8	11.9
-72.5°	89.2	75.8	65.4	58.0	50.6	43.1	35.7	29.7	23.8	16.4	10.4
-75°	75.8	66.9	59.5	52.1	46.1	40.2	34.2	26.8	20.8	14.9	10.4
-77.5°	63.9	58.0	52.1	47.6	41.6	35.7	29.7	23.8	19.3	13.4	8.9
-80°	55.0	50.6	46.1	41.6	37.2	31.2	26.8	20.8	16.4	11.9	7.4
-82.5°	44.6	41.6	37.2	34.2	31.2	26.8	22.3	17.8	11.9	8.9	5.9
-85°	34.2	31.2	29.7	26.8	23.8	19.3	14.9	11.9	8.9	5.9	3.0
-87.5°	17.8	16.4	14.9	13.4	11.9	8.9	7.4	5.9	4.5	3.0	1.5
-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: P722689

CATALOG NUMBER: IFLD-S-SA3A-935-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°	1.5	0.0	0.0	0.0
77.5°	1.5	0.0	0.0	0.0
75°	1.5	1.5	0.0	0.0
72.5°	1.5	1.5	0.0	0.0
70°	1.5	1.5	0.0	0.0
67.5°	3.0	1.5	0.0	0.0
65°	3.0	1.5	0.0	0.0
62.5°	3.0	1.5	0.0	0.0
60°	3.0	1.5	0.0	0.0
57.5°	4.5	1.5	1.5	0.0
55°	4.5	1.5	1.5	0.0
52.5°	4.5	1.5	1.5	0.0
50°	4.5	3.0	1.5	0.0
47.5°	4.5	3.0	1.5	0.0
45°	4.5	3.0	1.5	0.0
42.5°	4.5	3.0	1.5	0.0
40°	5.9	3.0	1.5	0.0
37.5°	5.9	3.0	1.5	0.0
35°	5.9	3.0	1.5	0.0
32.5°	5.9	3.0	1.5	0.0
30°	5.9	3.0	1.5	0.0
27.5°	5.9	4.5	1.5	0.0
25°	5.9	4.5	1.5	0.0
22.5°	7.4	4.5	1.5	0.0
20°	7.4	4.5	1.5	0.0
17.5°	7.4	4.5	1.5	0.0
15°	7.4	4.5	1.5	0.0
12.5°	7.4	4.5	1.5	0.0
10°	7.4	4.5	1.5	0.0
7.5°	7.4	4.5	1.5	0.0
5°	7.4	4.5	1.5	0.0
2.5°	7.4	4.5	1.5	0.0
0°	7.4	4.5	1.5	0.0
-2.5°	7.4	4.5	1.5	0.0
-5°	7.4	4.5	1.5	0.0
-7.5°	7.4	4.5	1.5	0.0
-10°	7.4	4.5	1.5	0.0
-12.5°	8.9	4.5	1.5	0.0
-15°	8.9	4.5	1.5	0.0
-17.5°	8.9	4.5	1.5	0.0
-20°	8.9	4.5	1.5	0.0



REPORT NUMBER: P722689

CATALOG NUMBER: IFLD-S-SA3A-935-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	8.9	4.5	1.5	0.0
-25°	8.9	4.5	1.5	0.0
-27.5°	8.9	4.5	1.5	0.0
-30°	8.9	4.5	1.5	0.0
-32.5°	8.9	4.5	1.5	0.0
-35°	8.9	4.5	1.5	0.0
-37.5°	8.9	4.5	1.5	0.0
-40°	8.9	4.5	1.5	0.0
-42.5°	7.4	4.5	1.5	0.0
-45°	8.9	4.5	1.5	0.0
-47.5°	8.9	4.5	1.5	0.0
-50°	8.9	4.5	1.5	0.0
-52.5°	8.9	4.5	1.5	0.0
-55°	8.9	4.5	1.5	0.0
-57.5°	8.9	4.5	1.5	0.0
-60°	8.9	4.5	1.5	0.0
-62.5°	7.4	4.5	1.5	0.0
-65°	7.4	3.0	1.5	0.0
-67.5°	7.4	3.0	1.5	0.0
-70°	7.4	3.0	1.5	0.0
-72.5°	5.9	3.0	1.5	0.0
-75°	5.9	3.0	1.5	0.0
-77.5°	4.5	1.5	0.0	0.0
-80°	4.5	1.5	0.0	0.0
-82.5°	3.0	1.5	0.0	0.0
-85°	1.5	1.5	0.0	0.0
-87.5°	1.5	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)