

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: P722343

Luminaire Tested: **IFLD-S-SA3C-950-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722343
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3C-950-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (48) 5000K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

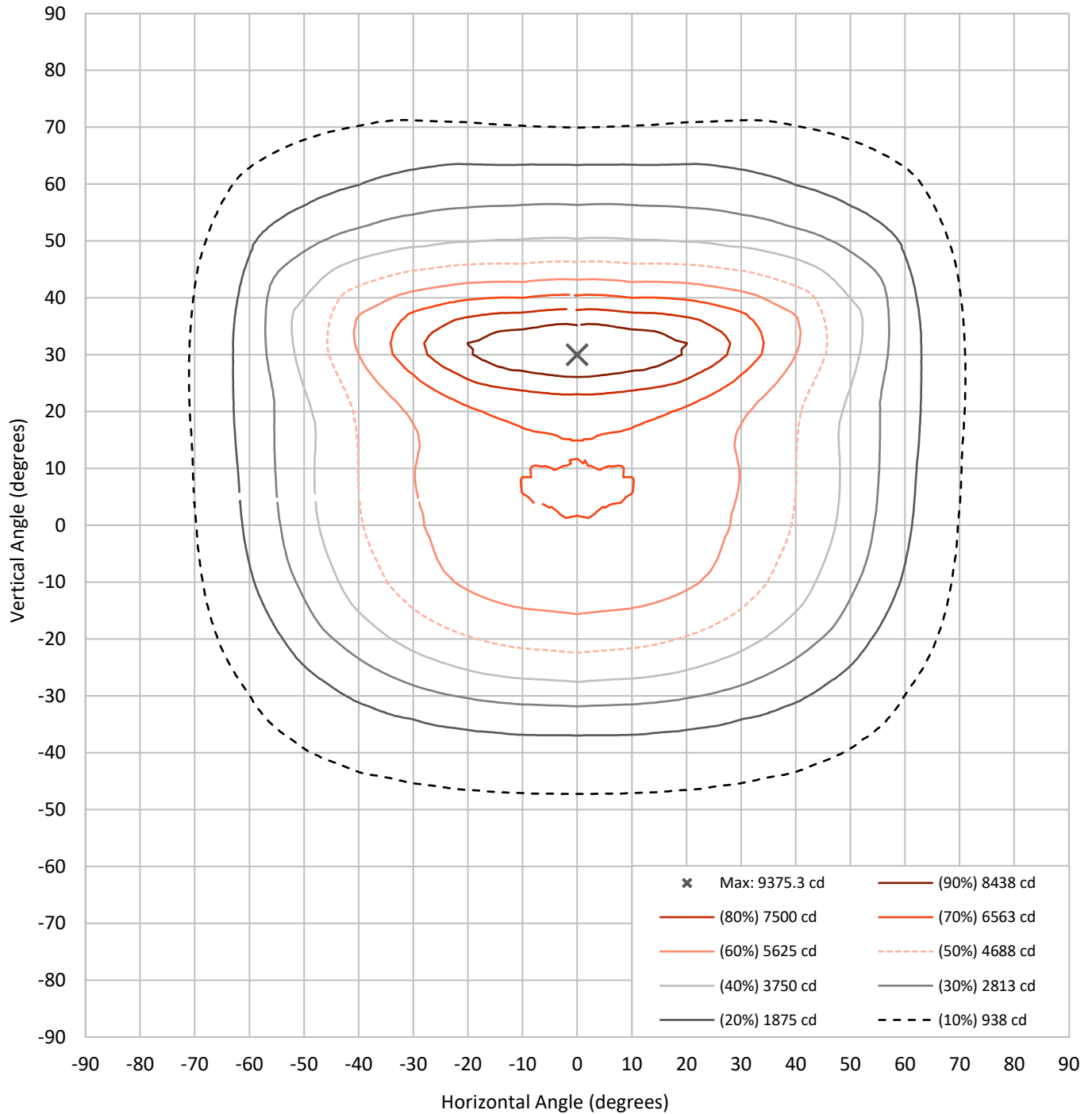
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	15649.7 lumens	Max Intensity:	9375.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	97.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	9100.5 lumens	Field Lumens:	14665.8 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



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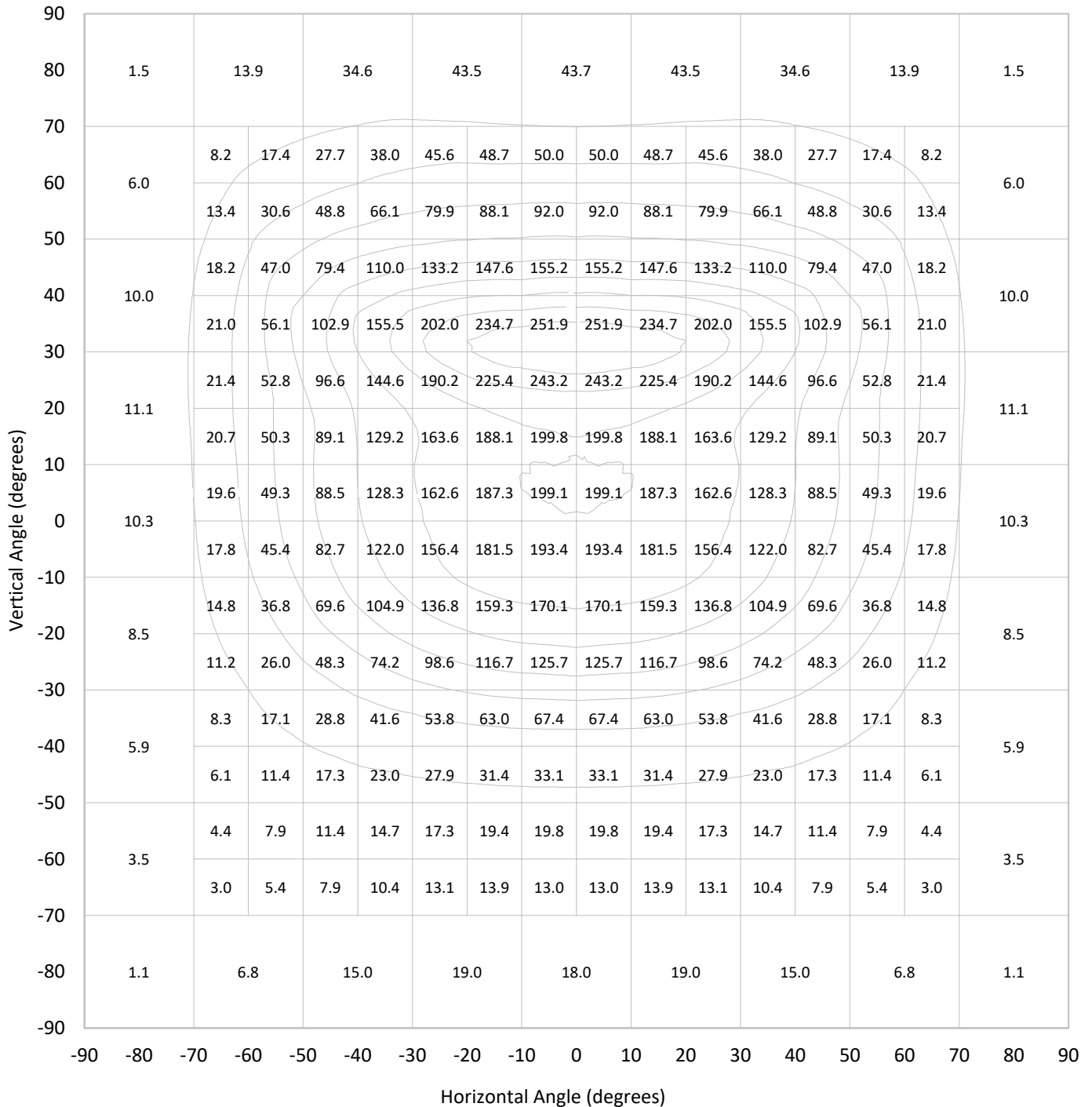
Iso-Candela Plot





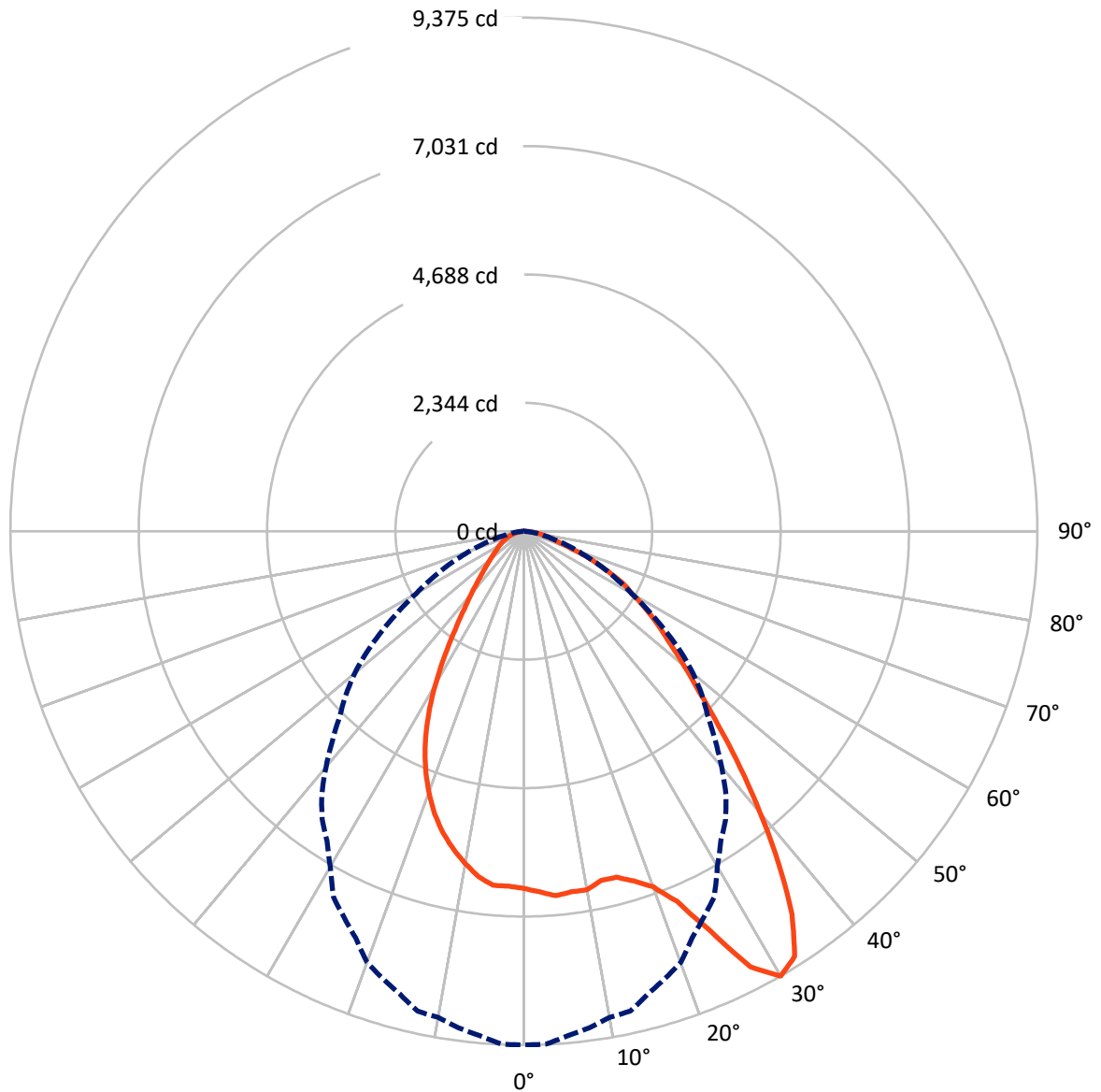
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Lumen Table



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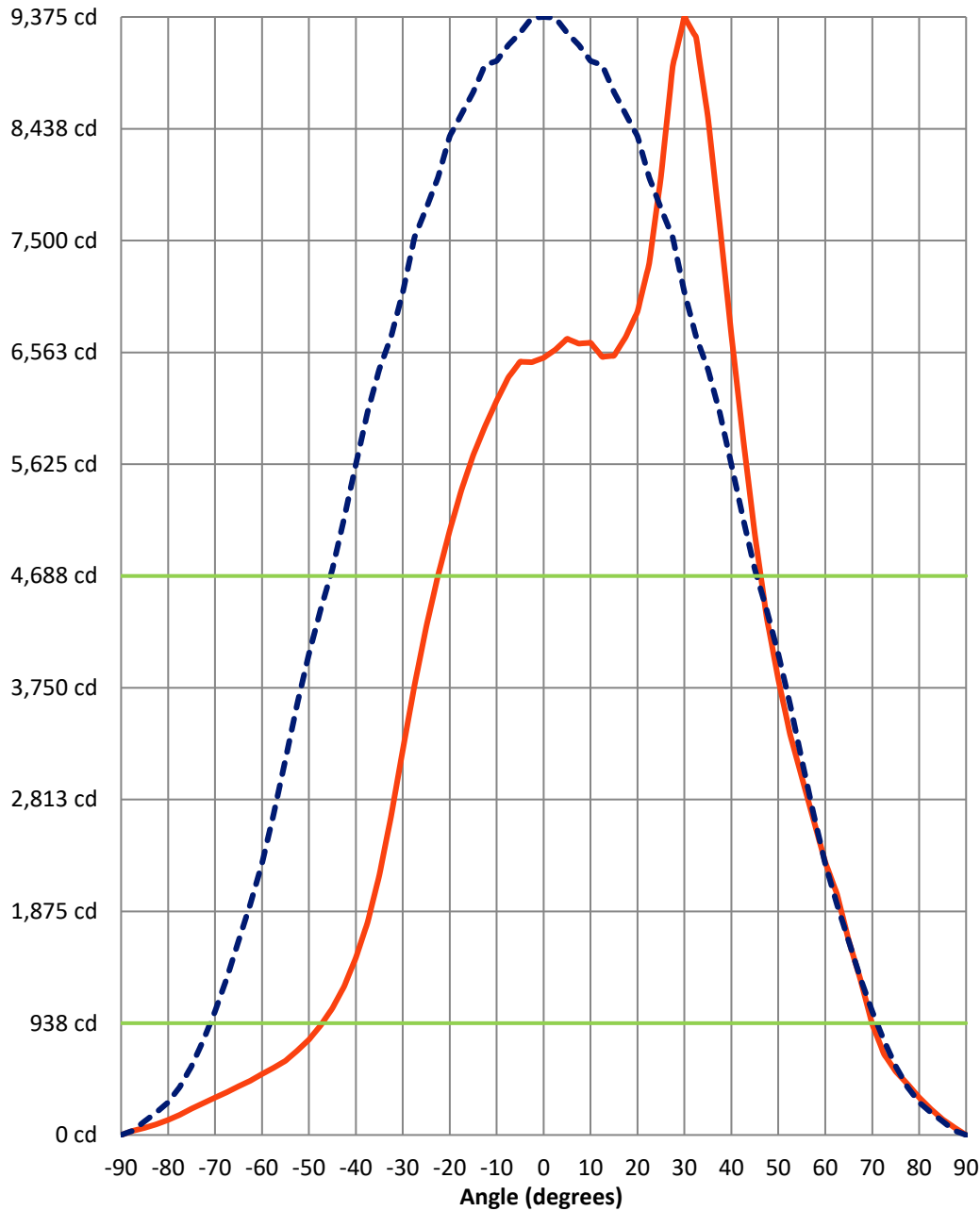
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 9100.5
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 14665.8
 Efficiency: 93.7%

Spill:
 Lumens: 983.9
 Efficiency: 6.3%

— 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°	63.0	64.7	66.3	66.3	64.7	64.7	64.7	63.0	64.7	64.7	64.7
85°	131.0	134.3	137.6	135.9	134.3	131.0	127.7	129.3	131.0	132.6	132.6
82.5°	217.2	222.2	225.5	223.8	220.5	217.2	213.9	215.5	218.8	220.5	220.5
80°	315.0	316.7	318.3	321.6	316.7	316.7	315.0	321.6	324.9	328.3	331.6
77.5°	427.7	429.4	429.4	431.0	432.7	434.4	434.4	446.0	454.3	459.2	464.2
75°	533.8	538.8	543.8	548.8	555.4	558.7	563.7	580.3	593.5	603.5	613.4
72.5°	679.7	686.4	694.7	706.3	717.9	726.2	737.8	757.6	772.6	782.5	794.1
70°	930.1	936.7	945.0	953.3	964.9	973.2	984.8	1009.6	1024.6	1031.2	1037.8
67.5°	1301.4	1318.0	1332.9	1316.4	1308.1	1296.5	1299.8	1323.0	1337.9	1347.9	1346.2
65°	1631.4	1643.0	1643.0	1641.3	1634.7	1619.7	1628.0	1656.2	1672.8	1681.1	1656.2
62.5°	2019.3	2019.3	2011.0	2024.3	2025.9	2016.0	2011.0	2012.7	2014.3	2019.3	1977.8
60°	2287.9	2304.4	2309.4	2321.0	2324.3	2324.3	2332.6	2339.3	2339.3	2329.3	2281.2
57.5°	2642.7	2674.2	2680.8	2672.5	2655.9	2634.4	2631.1	2621.1	2601.2	2581.3	2558.1
55°	3000.8	3017.3	3015.7	3010.7	2994.1	2969.3	2972.6	2959.3	2927.8	2902.9	2871.4
52.5°	3360.5	3400.3	3406.9	3397.0	3373.8	3347.3	3348.9	3334.0	3302.5	3276.0	3232.9
50°	3819.7	3852.9	3849.6	3833.0	3799.9	3780.0	3781.6	3753.4	3717.0	3708.7	3652.3
47.5°	4345.3	4383.4	4376.8	4353.6	4308.8	4300.5	4308.8	4272.3	4250.8	4232.6	4166.2
45°	5035.0	5079.7	5054.9	5010.1	4938.8	4947.1	4958.7	4952.1	4905.7	4857.6	4773.0
42.5°	5844.0	5872.2	5842.4	5797.6	5708.1	5724.6	5718.0	5678.2	5650.0	5570.5	5462.7
40°	6709.4	6770.8	6724.3	6654.7	6561.9	6586.7	6568.5	6517.1	6450.8	6351.3	6215.4
37.5°	7642.8	7690.9	7637.8	7556.6	7473.7	7465.4	7428.9	7349.4	7254.9	7145.4	6928.3
35°	8536.4	8660.7	8562.9	8433.6	8332.5	8294.4	8259.5	8075.5	7967.8	7790.4	7493.6
32.5°	9201.2	9292.4	9171.4	9037.1	8914.4	8861.4	8738.7	8519.8	8461.8	8088.8	7816.9
30°	9375.3	9368.7	9242.7	9139.9	9007.2	8970.8	8745.3	8559.6	8373.9	8029.1	7770.5
27.5°	8960.8	8919.4	8798.4	8708.8	8577.9	8534.8	8312.6	8213.1	7926.3	7634.5	7415.7
25°	8037.4	8058.9	7967.8	7923.0	7836.8	7743.9	7656.1	7521.8	7342.7	7087.4	6886.8
22.5°	7309.6	7337.8	7299.6	7246.6	7180.3	7128.9	7062.6	6958.1	6785.7	6628.2	6439.2
20°	6905.1	6896.8	6863.6	6823.8	6760.8	6724.3	6651.4	6563.5	6430.9	6295.0	6091.0
17.5°	6692.8	6641.5	6610.0	6595.0	6561.9	6515.5	6429.2	6339.7	6236.9	6082.8	5933.5
15°	6535.4	6543.6	6518.8	6507.2	6480.6	6416.0	6328.1	6255.2	6115.9	6038.0	5902.0
12.5°	6525.4	6517.1	6518.8	6513.8	6480.6	6397.7	6353.0	6260.1	6170.6	6067.8	5912.0
10°	6643.1	6555.2	6561.9	6585.1	6532.0	6465.7	6417.6	6316.5	6232.0	6101.0	5946.8
7.5°	6636.5	6591.7	6605.0	6566.9	6583.4	6502.2	6435.9	6334.7	6228.6	6089.4	5950.1
5°	6676.3	6608.3	6596.7	6600.0	6558.6	6497.2	6407.7	6311.5	6212.1	6056.2	5913.6
2.5°	6585.1	6595.0	6542.0	6522.1	6517.1	6414.3	6331.4	6238.6	6135.8	5998.2	5870.5
0°	6517.1	6535.4	6480.6	6452.5	6450.8	6362.9	6309.9	6203.8	6130.8	6016.4	5862.3
-2.5°	6480.6	6502.2	6508.8	6457.4	6407.7	6339.7	6250.2	6135.8	6016.4	5883.8	5751.2
-5°	6484.0	6440.9	6422.6	6439.2	6396.1	6328.1	6228.6	6127.5	6009.8	5867.2	5701.4
-7.5°	6353.0	6309.9	6306.6	6298.3	6288.3	6223.7	6140.8	6031.4	5912.0	5779.4	5625.2
-10°	6157.4	6125.9	6117.6	6109.3	6082.8	6044.6	5966.7	5867.2	5759.5	5626.8	5462.7
-12.5°	5940.2	5925.3	5893.8	5872.2	5845.7	5800.9	5726.3	5635.1	5527.4	5409.7	5268.7
-15°	5699.8	5671.6	5640.1	5621.9	5583.7	5530.7	5456.1	5371.5	5253.8	5137.8	5005.1
-17.5°	5409.7	5374.8	5340.0	5335.0	5308.5	5227.3	5157.7	5054.9	4952.1	4841.0	4711.7
-20°	5068.1	5020.1	4996.8	4983.6	4947.1	4887.4	4812.8	4718.3	4618.8	4512.7	4363.5



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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°	4690.1	4648.7	4608.9	4584.0	4552.5	4506.1	4434.8	4351.9	4254.1	4134.7	3997.1
-25°	4260.7	4202.7	4177.8	4149.7	4133.1	4090.0	4020.4	3944.1	3843.0	3726.9	3595.9
-27.5°	3770.0	3723.6	3710.3	3670.5	3650.6	3605.9	3547.9	3476.6	3383.7	3274.3	3166.5
-30°	3227.9	3199.7	3178.1	3138.4	3123.4	3075.4	3037.2	2977.5	2893.0	2815.1	2728.9
-32.5°	2670.8	2642.7	2636.0	2617.8	2607.8	2576.3	2533.2	2490.1	2422.2	2364.1	2294.5
-35°	2176.8	2156.9	2158.6	2156.9	2147.0	2123.7	2070.7	2059.1	2009.3	1956.3	1911.5
-37.5°	1782.2	1783.9	1782.2	1780.6	1767.3	1757.3	1719.2	1704.3	1674.5	1623.1	1596.5
-40°	1485.5	1488.8	1487.1	1483.8	1468.9	1463.9	1439.0	1419.1	1407.5	1371.1	1342.9
-42.5°	1245.1	1250.0	1248.4	1246.7	1236.8	1235.1	1221.9	1198.6	1192.0	1170.5	1140.6
-45°	1062.7	1061.0	1057.7	1061.0	1056.1	1051.1	1042.8	1027.9	1019.6	1009.6	984.8
-47.5°	918.5	920.1	916.8	916.8	910.2	905.2	901.9	891.9	885.3	877.0	862.1
-50°	799.1	805.7	804.1	802.4	797.4	794.1	794.1	784.2	774.2	770.9	761.0
-52.5°	706.3	711.2	712.9	716.2	717.9	719.5	714.5	704.6	688.0	686.4	681.4
-55°	621.7	636.6	646.6	653.2	659.8	664.8	654.9	641.6	625.0	618.4	616.7
-57.5°	563.7	578.6	590.2	600.2	608.4	616.7	606.8	593.5	578.6	570.3	568.7
-60°	510.6	523.9	535.5	548.8	560.4	573.6	568.7	558.7	550.4	543.8	537.2
-62.5°	454.3	467.5	480.8	497.4	512.3	525.5	527.2	525.5	523.9	525.5	513.9
-65°	407.8	414.5	422.8	441.0	457.6	472.5	480.8	485.8	494.0	502.3	490.7
-67.5°	358.1	366.4	376.3	389.6	402.9	412.8	424.4	437.7	450.9	464.2	455.9
-70°	313.3	320.0	328.3	334.9	343.2	349.8	359.8	374.7	389.6	402.9	399.5
-72.5°	266.9	273.5	278.5	281.8	286.8	290.1	295.1	308.4	318.3	324.9	324.9
-75°	220.5	227.1	232.1	233.8	237.1	238.7	242.1	247.0	252.0	253.7	255.3
-77.5°	169.1	175.7	180.7	184.0	187.3	190.7	192.3	195.6	197.3	197.3	198.9
-80°	126.0	131.0	134.3	139.3	140.9	144.2	147.6	149.2	150.9	150.9	152.5
-82.5°	89.5	92.8	96.2	99.5	102.8	104.4	107.8	109.4	111.1	112.7	114.4
-85°	59.7	63.0	66.3	69.6	71.3	72.9	74.6	76.3	77.9	79.6	81.2
-87.5°	34.8	36.5	38.1	41.4	43.1	46.4	48.1	46.4	48.1	48.1	48.1
-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°	64.7	64.7	64.7	64.7	63.0	59.7	58.0	54.7	51.4	48.1	44.8
85°	134.3	135.9	135.9	135.9	132.6	131.0	126.0	121.0	114.4	104.4	96.2
82.5°	223.8	225.5	225.5	223.8	220.5	215.5	208.9	200.6	187.3	174.1	162.5
80°	336.5	338.2	338.2	336.5	328.3	320.0	311.7	301.7	285.2	266.9	247.0
77.5°	470.8	474.2	474.2	469.2	457.6	447.6	434.4	417.8	392.9	366.4	339.9
75°	626.7	635.0	636.6	631.7	616.7	598.5	576.9	548.8	510.6	477.5	446.0
72.5°	807.4	815.7	822.3	815.7	794.1	769.3	737.8	704.6	666.5	621.7	568.7
70°	1044.5	1052.8	1057.7	1036.2	998.0	956.6	918.5	880.3	835.6	780.9	722.8
67.5°	1342.9	1334.6	1324.6	1281.5	1233.5	1183.7	1130.7	1074.3	1016.3	958.3	890.3
65°	1629.7	1606.5	1584.9	1533.5	1472.2	1407.5	1346.2	1283.2	1213.6	1140.6	1076.0
62.5°	1931.4	1881.7	1828.6	1765.6	1702.6	1631.4	1570.0	1495.4	1417.5	1328.0	1245.1
60°	2228.2	2168.5	2115.5	2037.5	1954.6	1858.5	1792.2	1719.2	1628.0	1531.9	1434.1
57.5°	2515.0	2450.3	2392.3	2324.3	2234.8	2130.4	2057.4	1962.9	1866.8	1745.7	1646.3
55°	2820.0	2755.4	2709.0	2632.7	2534.9	2438.7	2359.2	2259.7	2125.4	1996.1	1873.4
52.5°	3169.9	3118.5	3068.7	2990.8	2873.1	2775.3	2687.4	2576.3	2435.4	2276.3	2128.7
50°	3561.1	3534.6	3481.5	3390.4	3256.1	3169.9	3053.8	2906.3	2755.4	2587.9	2403.9
47.5°	4080.0	4036.9	3962.3	3862.9	3750.1	3620.8	3465.0	3292.5	3078.7	2893.0	2697.4
45°	4700.1	4620.5	4524.3	4390.1	4250.8	4104.9	3934.1	3715.3	3428.5	3186.4	2980.9
42.5°	5371.5	5263.8	5132.8	4957.1	4776.3	4597.3	4413.3	4114.9	3756.7	3478.2	3246.1
40°	6072.8	5935.2	5771.1	5515.8	5315.2	5084.7	4874.2	4428.2	4046.9	3745.1	3498.1
37.5°	6759.2	6585.1	6309.9	5999.9	5766.1	5577.1	5114.6	4637.1	4295.6	3964.0	3713.6
35°	7284.7	7137.2	6651.4	6329.8	6129.2	5830.8	5252.2	4763.1	4401.7	4126.5	3736.9
32.5°	7596.4	7215.1	6789.0	6464.1	6298.3	5809.2	5262.1	4799.6	4451.4	4143.0	3677.2
30°	7526.8	7065.9	6692.8	6421.0	6061.2	5621.9	5169.3	4743.2	4405.0	4032.0	3610.9
27.5°	7107.3	6750.9	6417.6	6134.1	5781.0	5386.4	4968.7	4594.0	4279.0	3917.6	3519.7
25°	6633.2	6309.9	6062.9	5815.8	5480.9	5104.6	4736.6	4466.3	4149.7	3793.2	3400.3
22.5°	6197.1	5965.0	5771.1	5512.4	5185.8	4857.6	4628.8	4348.6	4023.7	3662.3	3277.6
20°	5918.6	5761.1	5539.0	5253.8	4996.8	4791.3	4537.6	4240.8	3906.0	3528.0	3173.2
17.5°	5784.3	5602.0	5354.9	5169.3	4972.0	4746.5	4463.0	4148.0	3791.6	3466.6	3184.8
15°	5714.7	5522.4	5359.9	5177.5	4955.4	4718.3	4403.3	4076.7	3791.6	3491.5	3193.1
12.5°	5729.6	5563.8	5386.4	5187.5	4948.8	4695.1	4410.0	4106.6	3811.5	3509.7	3194.7
10°	5776.0	5602.0	5413.0	5192.5	4952.1	4701.7	4428.2	4124.8	3821.4	3518.0	3191.4
7.5°	5792.6	5603.6	5401.4	5179.2	4943.8	4698.4	4431.5	4129.8	3823.1	3516.4	3181.5
5°	5741.2	5570.5	5374.8	5151.0	4920.6	4681.8	4418.2	4123.1	3809.8	3499.8	3156.6
2.5°	5671.6	5534.0	5346.7	5131.1	4897.4	4658.6	4396.7	4093.3	3780.0	3469.9	3125.1
0°	5660.0	5489.2	5300.2	5107.9	4859.2	4607.2	4347.0	4036.9	3725.2	3413.6	3070.4
-2.5°	5583.7	5403.0	5214.0	5005.1	4786.3	4532.6	4259.1	3955.7	3647.3	3340.6	3010.7
-5°	5525.7	5325.1	5124.5	4899.0	4678.5	4424.9	4141.4	3846.3	3544.5	3246.1	2927.8
-7.5°	5447.8	5242.2	5031.7	4796.2	4557.5	4298.9	4018.7	3723.6	3426.8	3130.1	2825.0
-10°	5290.3	5109.6	4912.3	4668.6	4416.6	4158.0	3879.4	3589.3	3292.5	2992.5	2685.8
-12.5°	5099.6	4909.0	4693.4	4469.6	4244.2	4003.8	3725.2	3440.1	3141.7	2839.9	2534.9
-15°	4852.6	4665.3	4444.8	4225.9	4008.7	3778.3	3532.9	3276.0	2972.6	2675.8	2370.8
-17.5°	4544.2	4368.5	4171.2	3962.3	3746.8	3514.7	3276.0	3058.8	2775.3	2496.8	2195.0
-20°	4212.7	4048.5	3871.1	3673.9	3458.3	3231.2	3005.7	2778.6	2533.2	2287.9	2007.7



REPORT NUMBER: P722343
 CATALOG NUMBER: IFLD-S-SA3C-950-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	3867.8	3702.0	3523.0	3339.0	3140.0	2929.5	2720.6	2503.4	2287.9	2065.7	1828.6
-25°	3469.9	3324.0	3159.9	2980.9	2803.5	2619.4	2420.5	2223.2	2039.2	1846.9	1652.9
-27.5°	3053.8	2919.5	2770.3	2614.5	2461.9	2307.8	2135.3	1953.0	1800.5	1641.3	1480.5
-30°	2616.1	2508.4	2387.3	2251.4	2133.7	2009.3	1865.1	1714.2	1575.0	1454.0	1324.6
-32.5°	2201.7	2110.5	2024.3	1934.7	1818.7	1722.5	1623.1	1512.0	1389.3	1274.9	1182.1
-35°	1845.2	1747.4	1710.9	1644.6	1561.7	1477.2	1404.2	1324.6	1231.8	1130.7	1054.4
-37.5°	1545.1	1487.1	1435.7	1399.2	1344.5	1276.6	1218.5	1160.5	1089.2	1013.0	936.7
-40°	1311.4	1271.6	1215.2	1197.0	1162.2	1115.8	1056.1	1011.3	963.2	905.2	840.5
-42.5°	1124.0	1094.2	1057.7	1026.2	1011.3	978.1	931.7	888.6	850.5	810.7	761.0
-45°	969.9	950.0	926.8	898.6	887.0	860.4	827.3	779.2	757.6	724.5	688.0
-47.5°	845.5	835.6	819.0	800.8	784.2	764.3	734.4	704.6	674.8	653.2	625.0
-50°	747.7	741.1	731.1	716.2	694.7	681.4	661.5	635.0	606.8	588.5	568.7
-52.5°	669.8	663.2	656.5	644.9	628.3	615.1	598.5	576.9	553.7	535.5	518.9
-55°	610.1	600.2	595.2	585.2	572.0	557.0	542.1	527.2	507.3	490.7	474.2
-57.5°	563.7	550.4	543.8	535.5	522.2	507.3	495.7	480.8	467.5	449.3	434.4
-60°	527.2	512.3	499.0	490.7	479.1	464.2	452.6	441.0	427.7	412.8	394.6
-62.5°	497.4	479.1	460.9	450.9	439.3	426.1	414.5	402.9	389.6	374.7	358.1
-65°	469.2	447.6	424.4	414.5	402.9	389.6	374.7	366.4	354.8	341.5	324.9
-67.5°	434.4	411.2	391.3	379.7	368.0	356.4	343.2	334.9	323.3	306.7	290.1
-70°	383.0	368.0	354.8	344.8	334.9	324.9	311.7	298.4	285.2	270.2	255.3
-72.5°	318.3	313.3	311.7	306.7	295.1	283.5	270.2	257.0	245.4	233.8	222.2
-75°	257.0	260.3	263.6	261.9	250.3	238.7	227.1	215.5	207.2	197.3	187.3
-77.5°	203.9	207.2	210.6	210.6	202.3	195.6	187.3	179.1	172.4	164.1	154.2
-80°	157.5	162.5	167.4	170.8	164.1	159.2	152.5	145.9	139.3	132.6	126.0
-82.5°	119.4	124.3	129.3	132.6	127.7	124.3	119.4	114.4	109.4	102.8	97.8
-85°	86.2	89.5	92.8	94.5	91.2	87.9	84.6	81.2	77.9	72.9	69.6
-87.5°	49.7	51.4	53.1	54.7	51.4	48.1	46.4	43.1	41.4	38.1	36.5
-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: P722343
 CATALOG NUMBER: IFLD-S-SA3C-950-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°	41.4	38.1	34.8	33.2	29.8	24.9	21.6	18.2	14.9	11.6	9.9
85°	87.9	79.6	69.6	64.7	58.0	51.4	44.8	38.1	31.5	24.9	18.2
82.5°	150.9	140.9	131.0	119.4	104.4	86.2	68.0	56.4	46.4	36.5	28.2
80°	227.1	208.9	192.3	177.4	160.8	137.6	112.7	89.5	63.0	48.1	36.5
77.5°	315.0	293.4	270.2	245.4	218.8	187.3	159.2	129.3	97.8	66.3	46.4
75°	414.5	386.3	354.8	320.0	285.2	243.7	203.9	169.1	132.6	92.8	56.4
72.5°	525.5	490.7	452.6	406.2	351.5	303.4	255.3	208.9	165.8	117.7	76.3
70°	668.1	613.4	557.0	507.3	437.7	361.4	305.0	252.0	197.3	144.2	96.2
67.5°	820.6	754.3	686.4	613.4	525.5	436.0	354.8	295.1	230.4	169.1	114.4
65°	986.4	903.5	817.3	736.1	615.1	509.0	417.8	336.5	261.9	192.3	132.6
62.5°	1157.2	1059.4	959.9	853.8	714.5	583.6	477.5	383.0	291.8	213.9	149.2
60°	1339.6	1225.2	1104.1	971.5	809.0	664.8	533.8	431.0	323.3	235.4	167.4
57.5°	1531.9	1407.5	1265.0	1085.9	906.9	742.7	598.5	474.2	351.5	255.3	180.7
55°	1740.8	1598.2	1442.4	1205.3	1003.0	820.6	663.2	517.3	381.3	271.9	194.0
52.5°	1966.2	1800.5	1603.2	1331.3	1104.1	900.2	722.8	555.4	409.5	290.1	205.6
50°	2218.2	2009.3	1744.1	1447.3	1192.0	974.8	782.5	596.8	432.7	310.0	215.5
47.5°	2480.2	2254.7	1870.1	1555.1	1281.5	1047.8	843.9	633.3	455.9	326.6	225.5
45°	2753.7	2425.5	2001.1	1651.2	1359.5	1114.1	890.3	666.5	484.1	341.5	233.8
42.5°	3024.0	2554.8	2115.5	1747.4	1432.4	1173.8	928.4	698.0	507.3	356.4	242.1
40°	3151.6	2652.6	2206.6	1813.7	1493.7	1226.8	961.6	726.2	527.2	366.4	250.3
37.5°	3204.7	2712.3	2266.3	1876.7	1541.8	1255.0	989.8	751.0	543.8	376.3	257.0
35°	3216.3	2733.8	2296.2	1919.8	1581.6	1281.5	1011.3	769.3	557.0	386.3	263.6
32.5°	3194.7	2727.2	2304.4	1934.7	1606.5	1301.4	1026.2	782.5	567.0	396.2	270.2
30°	3146.7	2692.4	2274.6	1933.1	1624.7	1313.0	1036.2	792.5	576.9	402.9	273.5
27.5°	3068.7	2631.1	2236.5	1934.7	1634.7	1318.0	1041.1	797.4	583.6	407.8	280.2
25°	2972.6	2548.2	2238.1	1931.4	1636.3	1319.7	1041.1	797.4	585.2	409.5	285.2
22.5°	2861.5	2548.2	2238.1	1926.5	1626.4	1316.4	1036.2	794.1	585.2	412.8	290.1
20°	2868.1	2549.8	2233.2	1916.5	1611.5	1306.4	1024.6	785.8	580.3	417.8	293.4
17.5°	2873.1	2546.5	2223.2	1903.2	1591.6	1289.8	1009.6	774.2	580.3	422.8	295.1
15°	2873.1	2536.6	2208.3	1883.3	1566.7	1266.6	988.1	764.3	581.9	424.4	298.4
12.5°	2868.1	2518.3	2185.1	1856.8	1536.9	1238.4	974.8	761.0	581.9	426.1	298.4
10°	2858.2	2493.4	2155.2	1823.7	1508.7	1228.5	968.2	754.3	578.6	426.1	298.4
7.5°	2839.9	2463.6	2130.4	1803.8	1492.1	1216.9	958.3	744.4	573.6	422.8	301.7
5°	2811.8	2447.0	2110.5	1780.6	1468.9	1208.6	951.6	736.1	570.3	422.8	298.4
2.5°	2775.3	2427.1	2087.3	1750.7	1442.4	1180.4	930.1	717.9	558.7	416.1	295.1
0°	2715.6	2387.3	2047.5	1709.3	1405.9	1152.2	908.5	699.6	547.1	409.5	291.8
-2.5°	2660.9	2334.3	1996.1	1666.2	1371.1	1127.4	891.9	689.7	542.1	407.8	290.1
-5°	2584.6	2261.3	1928.1	1609.8	1324.6	1102.5	875.4	678.1	537.2	404.5	290.1
-7.5°	2500.1	2185.1	1856.8	1551.8	1278.2	1059.4	843.9	659.8	525.5	397.9	288.5
-10°	2369.1	2070.7	1767.3	1485.5	1228.5	1021.3	817.3	643.3	515.6	391.3	281.8
-12.5°	2229.8	1944.7	1664.5	1404.2	1172.1	981.5	787.5	625.0	504.0	384.6	278.5
-15°	2082.3	1815.4	1556.7	1319.7	1110.8	933.4	756.0	605.1	492.4	376.3	273.5
-17.5°	1928.1	1679.4	1445.7	1233.5	1049.4	883.6	722.8	586.9	479.1	368.0	268.6
-20°	1765.6	1540.2	1332.9	1145.6	984.8	833.9	688.0	565.3	464.2	358.1	261.9



REPORT NUMBER: P722343
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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1604.8	1402.6	1216.9	1059.4	918.5	782.5	653.2	543.8	447.6	346.5	257.0
-25°	1462.2	1273.2	1114.1	976.5	853.8	732.8	616.7	522.2	429.4	334.9	250.3
-27.5°	1323.0	1162.2	1013.0	898.6	790.8	684.7	581.9	499.0	411.2	321.6	243.7
-30°	1193.7	1056.1	933.4	822.3	731.1	641.6	552.1	475.8	391.3	308.4	235.4
-32.5°	1076.0	964.9	862.1	756.0	674.8	598.5	523.9	452.6	371.4	295.1	227.1
-35°	966.5	880.3	790.8	701.3	618.4	558.7	494.0	427.7	353.1	280.2	218.8
-37.5°	868.7	799.1	727.8	651.5	580.3	520.6	465.9	402.9	334.9	266.9	210.6
-40°	784.2	727.8	664.8	603.5	543.8	487.4	437.7	378.0	316.7	257.0	202.3
-42.5°	706.3	663.2	611.8	560.4	507.3	457.6	409.5	351.5	298.4	245.4	194.0
-45°	646.6	603.5	562.0	515.6	470.8	427.7	379.7	328.3	281.8	232.1	185.7
-47.5°	590.2	552.1	513.9	475.8	439.3	399.5	351.5	308.4	263.6	220.5	179.1
-50°	540.5	504.0	470.8	437.7	406.2	368.0	323.3	288.5	248.7	208.9	170.8
-52.5°	494.0	462.5	429.4	402.9	376.3	338.2	301.7	268.6	233.8	195.6	162.5
-55°	452.6	422.8	392.9	368.0	343.2	310.0	280.2	252.0	218.8	185.7	154.2
-57.5°	412.8	387.9	359.8	336.5	311.7	285.2	260.3	233.8	203.9	175.7	145.9
-60°	376.3	353.1	328.3	305.0	283.5	261.9	238.7	217.2	190.7	164.1	137.6
-62.5°	339.9	320.0	298.4	275.2	258.6	238.7	220.5	198.9	177.4	154.2	122.7
-65°	306.7	288.5	268.6	248.7	233.8	218.8	202.3	182.4	164.1	142.6	109.4
-67.5°	273.5	257.0	240.4	223.8	210.6	198.9	182.4	167.4	152.5	129.3	96.2
-70°	242.1	228.8	213.9	200.6	190.7	177.4	165.8	152.5	139.3	112.7	81.2
-72.5°	212.2	198.9	187.3	177.4	169.1	157.5	147.6	137.6	119.4	94.5	68.0
-75°	177.4	169.1	162.5	154.2	145.9	137.6	129.3	117.7	99.5	76.3	53.1
-77.5°	145.9	140.9	135.9	129.3	122.7	116.1	106.1	94.5	79.6	59.7	43.1
-80°	119.4	114.4	111.1	104.4	99.5	92.8	82.9	72.9	58.0	46.4	34.8
-82.5°	91.2	87.9	84.6	81.2	76.3	69.6	59.7	51.4	43.1	34.8	26.5
-85°	64.7	63.0	59.7	56.4	51.4	46.4	39.8	34.8	29.8	23.2	18.2
-87.5°	33.2	31.5	29.8	28.2	26.5	23.2	19.9	16.6	14.9	11.6	8.3
-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: P722343
 CATALOG NUMBER: IFLD-S-SA3C-950-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	6.6	5.0	1.7	0.0
85°	13.3	8.3	3.3	0.0
82.5°	19.9	13.3	5.0	0.0
80°	26.5	16.6	8.3	0.0
77.5°	33.2	19.9	9.9	0.0
75°	39.8	24.9	11.6	0.0
72.5°	44.8	28.2	13.3	0.0
70°	53.1	33.2	14.9	0.0
67.5°	66.3	36.5	16.6	0.0
65°	77.9	39.8	18.2	0.0
62.5°	91.2	43.1	19.9	0.0
60°	102.8	46.4	21.6	0.0
57.5°	114.4	54.7	23.2	0.0
55°	124.3	61.3	24.9	0.0
52.5°	135.9	68.0	26.5	0.0
50°	145.9	74.6	28.2	0.0
47.5°	154.2	81.2	28.2	0.0
45°	160.8	86.2	29.8	0.0
42.5°	165.8	91.2	31.5	0.0
40°	170.8	96.2	33.2	0.0
37.5°	175.7	101.1	33.2	0.0
35°	180.7	106.1	34.8	0.0
32.5°	185.7	111.1	34.8	0.0
30°	189.0	114.4	36.5	0.0
27.5°	194.0	117.7	36.5	0.0
25°	195.6	121.0	38.1	0.0
22.5°	198.9	122.7	38.1	0.0
20°	202.3	126.0	38.1	0.0
17.5°	203.9	127.7	39.8	0.0
15°	203.9	129.3	41.4	0.0
12.5°	205.6	131.0	41.4	0.0
10°	205.6	134.3	39.8	0.0
7.5°	208.9	132.6	39.8	0.0
5°	207.2	132.6	39.8	0.0
2.5°	205.6	131.0	39.8	0.0
0°	203.9	131.0	39.8	0.0
-2.5°	203.9	131.0	39.8	0.0
-5°	203.9	131.0	39.8	0.0
-7.5°	202.3	132.6	39.8	0.0
-10°	198.9	132.6	39.8	0.0
-12.5°	197.3	127.7	39.8	0.0
-15°	195.6	126.0	39.8	0.0
-17.5°	192.3	124.3	38.1	0.0
-20°	189.0	122.7	38.1	0.0



REPORT NUMBER: P722343
 CATALOG NUMBER: IFLD-S-SA3C-950-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	185.7	119.4	38.1	0.0
-25°	182.4	116.1	36.5	0.0
-27.5°	179.1	112.7	36.5	0.0
-30°	174.1	109.4	34.8	0.0
-32.5°	169.1	106.1	34.8	0.0
-35°	165.8	101.1	33.2	0.0
-37.5°	160.8	96.2	33.2	0.0
-40°	155.8	91.2	31.5	0.0
-42.5°	150.9	86.2	29.8	0.0
-45°	144.2	81.2	29.8	0.0
-47.5°	139.3	76.3	28.2	0.0
-50°	131.0	69.6	26.5	0.0
-52.5°	121.0	63.0	24.9	0.0
-55°	111.1	58.0	23.2	0.0
-57.5°	101.1	51.4	23.2	0.0
-60°	91.2	44.8	21.6	0.0
-62.5°	81.2	41.4	19.9	0.0
-65°	71.3	38.1	18.2	0.0
-67.5°	59.7	33.2	16.6	0.0
-70°	49.7	29.8	14.9	0.0
-72.5°	43.1	26.5	13.3	0.0
-75°	36.5	23.2	11.6	0.0
-77.5°	31.5	19.9	9.9	0.0
-80°	24.9	14.9	6.6	0.0
-82.5°	18.2	11.6	5.0	0.0
-85°	11.6	8.3	3.3	0.0
-87.5°	6.6	3.3	1.7	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)