

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: P722757

Luminaire Tested: **IFLD-M-SA4A-950-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722757
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4A-950-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (64) 5000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

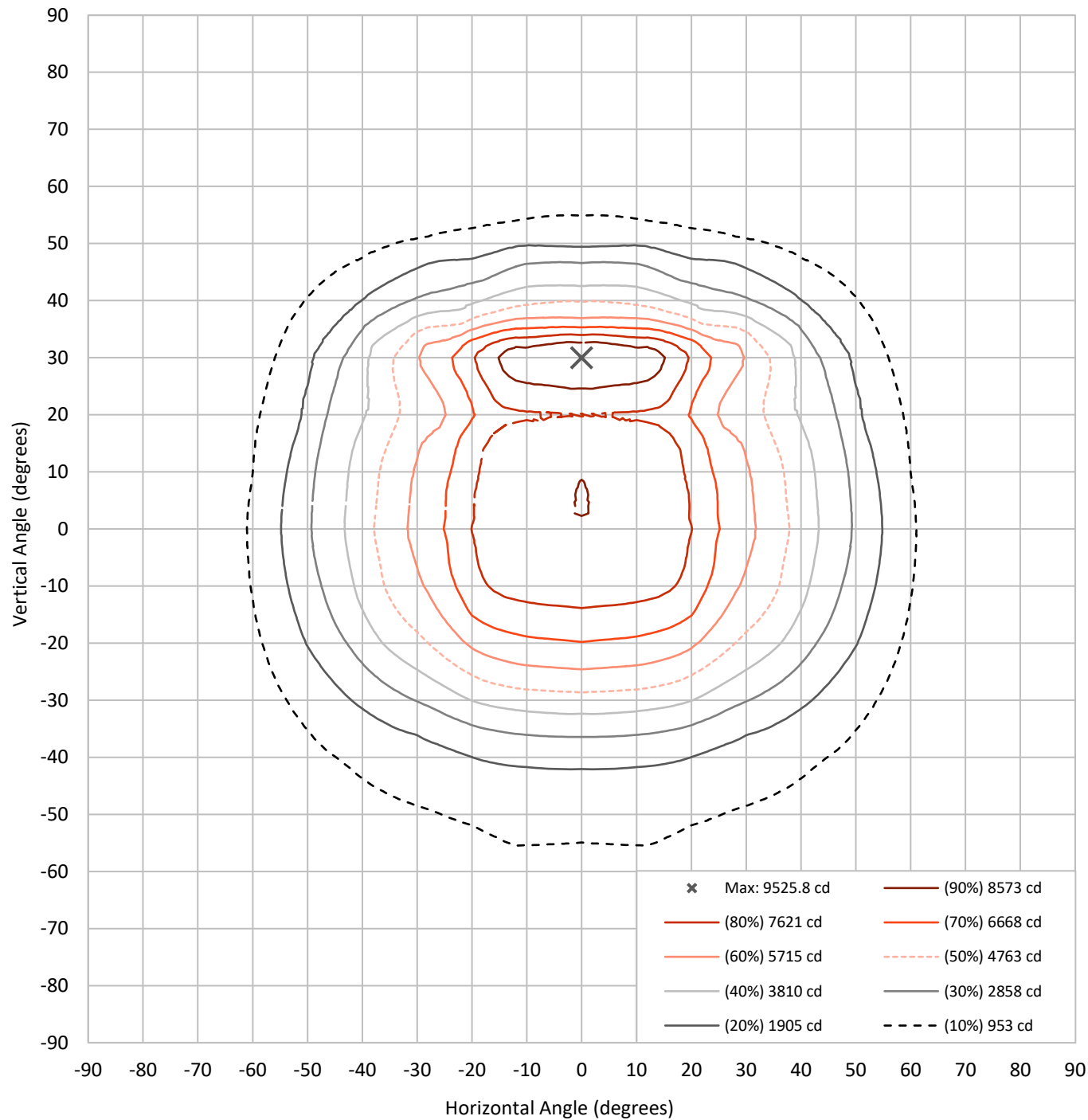
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	13645.2 lumens	Max Intensity:	9525.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	106.1 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	8705 lumens	Field Lumens:	12864.3 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	128.6		
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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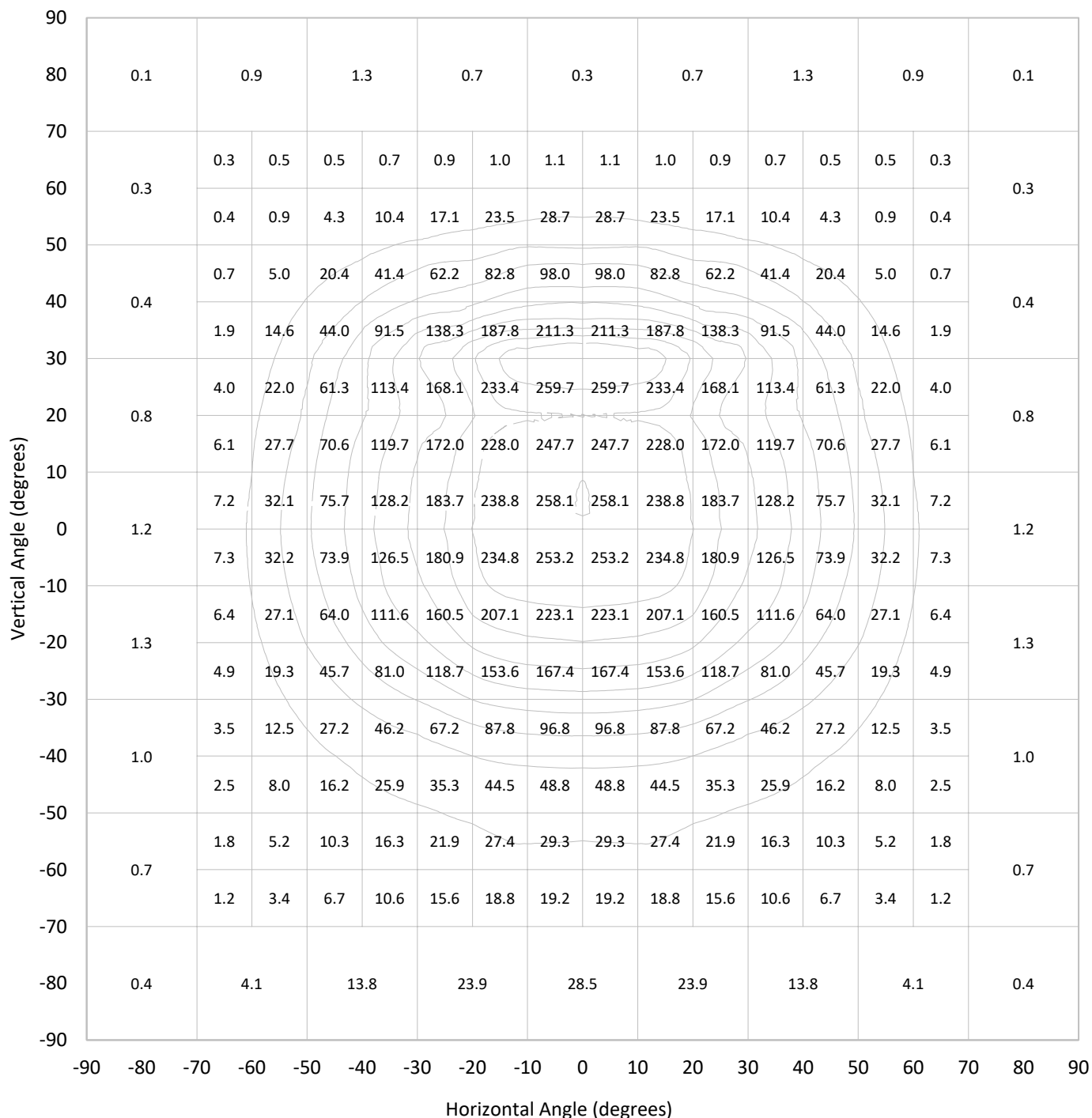
Iso-Candela Plot



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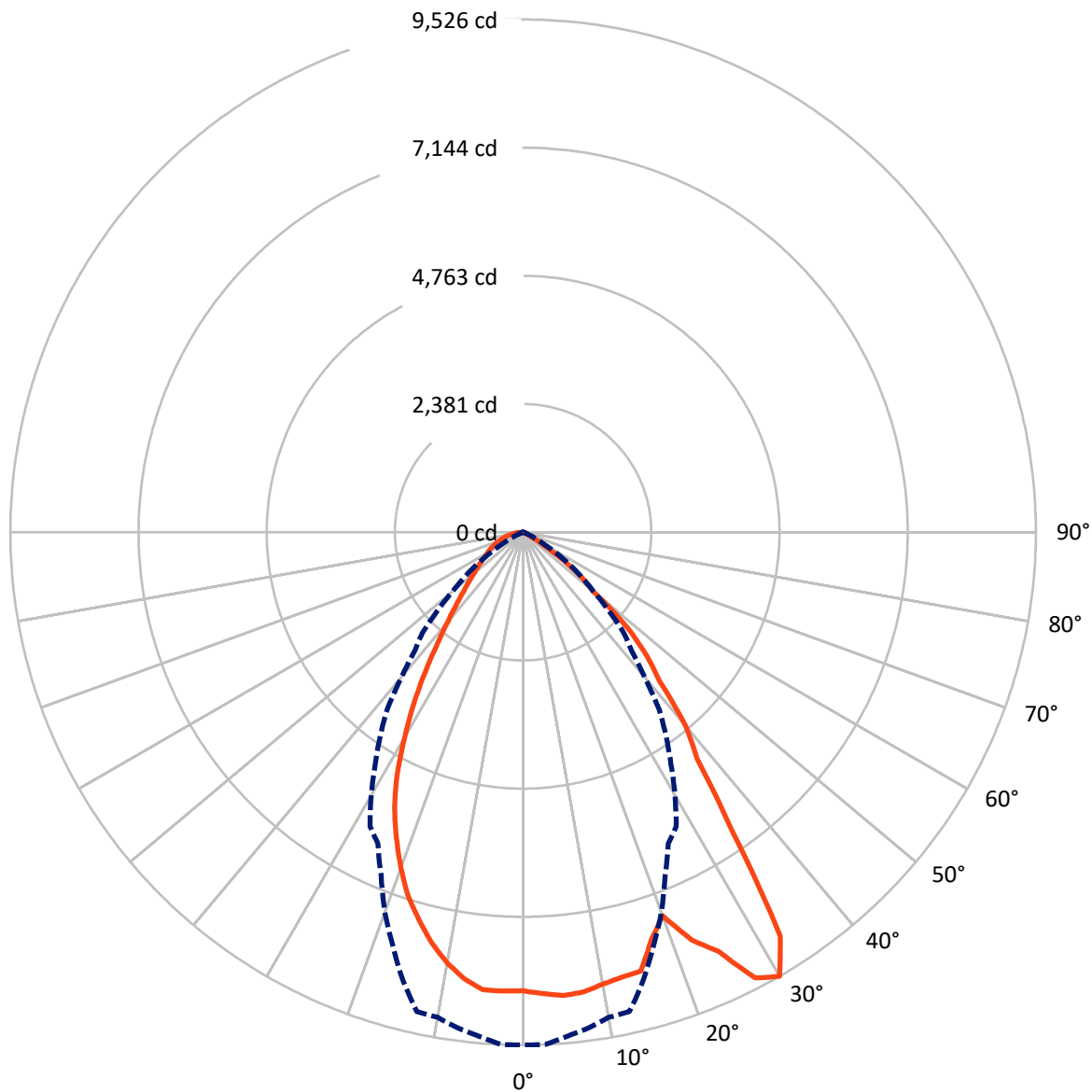
Lumen Table



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Luminous Intensity Polar Plot



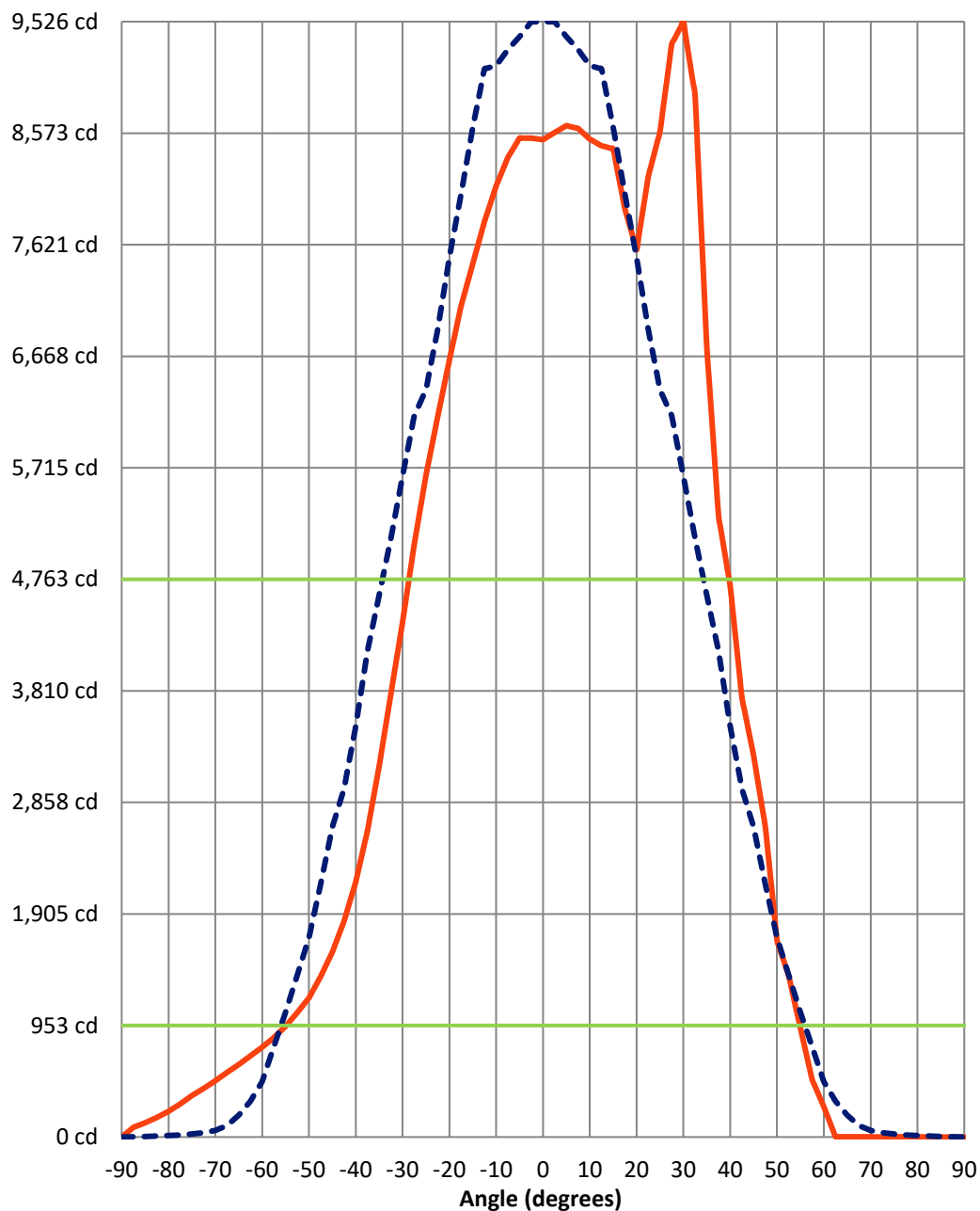
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 8705

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 12864.3

Efficiency: 94.3%

Spill:

Lumens: 780.8

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	2.2	2.2	2.2	2.2	2.2	2.2	2.2
85°	0.0	2.2	2.2	2.2	4.3	4.3	4.3	4.3	4.3	4.3	6.5
82.5°	0.0	2.2	2.2	2.2	4.3	4.3	4.3	4.3	6.5	6.5	8.7
80°	2.2	2.2	2.2	2.2	4.3	4.3	4.3	6.5	6.5	8.7	8.7
77.5°	2.2	2.2	2.2	4.3	4.3	4.3	6.5	6.5	8.7	8.7	10.9
75°	2.2	2.2	2.2	4.3	4.3	6.5	6.5	6.5	8.7	8.7	10.9
72.5°	0.0	2.2	2.2	4.3	4.3	6.5	6.5	6.5	8.7	8.7	8.7
70°	2.2	2.2	2.2	4.3	4.3	6.5	6.5	6.5	8.7	8.7	8.7
67.5°	2.2	2.2	2.2	4.3	4.3	6.5	6.5	8.7	8.7	8.7	10.9
65°	2.2	2.2	2.2	4.3	6.5	6.5	8.7	10.9	10.9	13.0	15.2
62.5°	2.2	4.3	4.3	6.5	8.7	10.9	23.9	36.9	36.9	26.1	21.7
60°	258.5	280.2	278.1	252.0	219.4	184.7	178.1	171.6	158.6	139.0	145.5
57.5°	491.0	517.0	527.9	521.4	504.0	473.6	456.2	436.6	410.6	380.2	345.4
55°	929.8	940.6	916.7	871.1	821.2	771.2	753.8	727.7	688.6	649.5	597.4
52.5°	1375.1	1412.0	1401.2	1355.6	1288.2	1199.1	1101.4	1025.4	979.7	936.3	884.2
50°	1679.2	1694.4	1724.9	1779.2	1798.7	1737.9	1579.3	1375.1	1229.6	1303.4	1246.9
47.5°	2650.3	2726.3	2711.1	2672.0	2606.8	2441.7	2220.2	2037.7	1885.6	1835.7	1844.3
45°	3256.4	3286.8	3275.9	3258.6	3228.1	3073.9	2828.4	2548.2	2407.0	2350.5	2291.8
42.5°	3753.9	3786.4	3793.0	3795.1	3762.5	3621.3	3399.8	3119.5	2978.3	2815.4	2687.2
40°	4703.2	4751.0	4696.7	4625.0	4516.4	4355.6	4138.4	3879.9	3630.0	3430.2	3278.1
37.5°	5309.3	5367.9	5389.6	5385.3	5361.4	5291.9	5024.7	4779.2	4396.9	3949.4	4029.7
35°	6747.4	6808.2	6790.8	6725.7	6690.9	6617.0	6356.4	6065.3	5585.2	5098.6	4968.2
32.5°	8891.5	9024.0	8776.4	8504.8	8337.6	8396.2	8131.2	7418.6	7197.1	6319.4	5913.2
30°	9525.8	9523.7	9397.7	9286.9	9150.0	9121.8	8622.1	8053.0	7509.9	6895.1	6382.4
27.5°	9332.5	9293.4	9186.9	9106.6	8978.4	8911.1	8422.3	7970.4	7342.6	6793.0	6297.7
25°	8587.4	8617.8	8509.2	8494.0	8444.0	8313.7	8070.4	7562.0	7001.5	6393.3	6037.0
22.5°	8202.9	8192.0	8061.7	7985.6	8046.5	7907.4	7809.7	7297.0	6712.6	6199.9	5772.0
20°	7577.2	7579.4	7546.8	7540.3	7503.4	7440.4	7362.2	6999.4	6586.6	6147.8	5633.0
17.5°	7927.0	8016.0	8055.1	7731.5	7822.7	7751.0	7668.5	7162.3	6851.7	6462.8	5791.5
15°	8439.7	8407.1	8368.0	8350.6	8300.6	8233.3	8083.4	7679.3	7144.9	6743.0	6219.5
12.5°	8465.7	8402.7	8387.5	8385.3	8333.2	8239.8	8094.2	7759.7	7286.1	6797.3	6371.6
10°	8522.2	8457.0	8448.3	8459.2	8378.8	8320.2	8174.6	7864.0	7329.6	6890.8	6488.9
7.5°	8613.4	8504.8	8554.8	8522.2	8485.3	8391.9	8235.5	7931.3	7488.2	7014.6	6593.1
5°	8637.3	8517.9	8572.2	8541.8	8487.4	8396.2	8226.8	7974.8	7585.9	7064.5	6634.4
2.5°	8578.7	8543.9	8520.0	8463.6	8439.7	8339.7	8179.0	7909.6	7540.3	7042.8	6625.7
0°	8517.9	8548.3	8494.0	8437.5	8426.6	8346.2	8209.4	7966.1	7646.7	7103.6	6699.6
-2.5°	8530.9	8507.0	8470.1	8411.4	8354.9	8239.8	8116.0	7887.9	7544.6	6971.1	6595.3
-5°	8530.9	8420.1	8424.4	8426.6	8370.1	8250.7	8100.8	7907.4	7483.8	6969.0	6564.9
-7.5°	8365.8	8270.2	8255.0	8242.0	8226.8	8116.0	7998.7	7757.5	7381.7	6912.5	6480.2
-10°	8122.5	8029.1	8037.8	8018.2	7970.4	7896.6	7807.5	7590.3	7281.8	6734.3	6308.6
-12.5°	7818.4	7777.1	7753.2	7720.6	7672.8	7607.6	7516.4	7312.2	6982.0	6514.9	6110.9
-15°	7457.7	7427.3	7405.6	7386.1	7316.5	7249.2	7129.7	6940.7	6734.3	6232.5	5819.8
-17.5°	7097.1	7021.1	6990.7	6964.6	6919.0	6810.4	6701.8	6560.6	6271.6	5874.1	5520.0
-20°	6634.4	6588.8	6551.9	6517.1	6451.9	6367.2	6278.1	6115.2	5865.4	5543.9	5176.8

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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°	6150.0	6123.9	6093.5	6050.0	6006.6	5926.2	5802.4	5646.0	5450.5	5102.9	4759.7
-25°	5650.3	5600.4	5563.4	5522.2	5487.4	5413.5	5294.1	5144.2	4898.7	4598.9	4312.2
-27.5°	5061.6	5013.8	4994.3	4946.5	4916.1	4848.7	4729.2	4590.2	4368.6	4116.6	3825.5
-30°	4396.9	4405.6	4383.8	4338.2	4301.3	4214.4	4123.2	4005.8	3832.1	3590.9	3330.2
-32.5°	3782.1	3793.0	3766.9	3719.1	3671.3	3608.3	3523.6	3417.1	3286.8	3056.5	2830.6
-35°	3167.3	3163.0	3141.2	3113.0	3080.4	3028.3	2932.7	2852.3	2702.4	2541.7	2385.3
-37.5°	2615.5	2626.4	2619.9	2604.7	2567.7	2524.3	2446.1	2372.2	2261.4	2120.2	1998.6
-40°	2178.9	2191.9	2183.2	2168.0	2135.4	2109.4	2057.2	1992.1	1903.0	1781.3	1679.2
-42.5°	1844.3	1853.0	1842.2	1829.1	1800.9	1781.3	1740.1	1685.8	1611.9	1518.5	1427.2
-45°	1579.3	1581.5	1570.6	1561.9	1540.2	1516.3	1481.6	1438.1	1379.5	1314.3	1240.4
-47.5°	1370.8	1368.6	1357.7	1349.0	1331.7	1309.9	1281.7	1242.6	1197.0	1147.0	1088.4
-50°	1188.3	1199.1	1194.8	1186.1	1173.1	1157.9	1129.6	1088.4	1042.7	1005.8	964.5
-52.5°	1062.3	1064.5	1062.3	1062.3	1060.1	1049.3	1016.7	975.4	925.4	892.8	858.1
-55°	945.0	955.8	960.2	964.5	966.7	966.7	927.6	884.2	836.4	803.8	777.7
-57.5°	849.4	855.9	860.3	871.1	879.8	886.3	851.6	812.5	775.5	745.1	721.2
-60°	766.8	775.5	782.1	792.9	799.4	803.8	782.1	756.0	734.3	714.7	680.0
-62.5°	693.0	699.5	706.0	712.5	719.1	723.4	714.7	701.7	690.8	682.1	638.7
-65°	619.1	625.6	632.2	640.8	647.4	651.7	649.5	640.8	632.2	623.5	584.4
-67.5°	551.8	558.3	567.0	569.2	573.5	575.7	571.3	564.8	554.0	543.1	512.7
-70°	480.1	484.4	488.8	488.8	488.8	486.6	482.3	473.6	462.7	447.5	423.6
-72.5°	414.9	419.3	423.6	417.1	412.8	406.2	399.7	388.9	378.0	367.1	354.1
-75°	354.1	356.3	356.3	347.6	341.1	334.5	325.9	319.3	308.5	299.8	288.9
-77.5°	282.4	282.4	282.4	275.9	271.5	267.2	260.7	254.2	245.5	239.0	230.3
-80°	219.4	219.4	219.4	217.2	210.7	206.4	202.0	197.7	191.2	186.8	182.5
-82.5°	167.3	167.3	167.3	165.1	160.8	158.6	154.2	149.9	147.7	143.4	141.2
-85°	121.7	123.8	123.8	121.7	119.5	115.1	113.0	110.8	108.6	106.4	102.1
-87.5°	82.6	82.6	82.6	80.4	78.2	78.2	76.0	71.7	67.3	65.2	63.0
-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°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
85°	6.5	6.5	6.5	8.7	8.7	8.7	8.7	8.7	8.7	8.7	6.5
82.5°	10.9	10.9	13.0	13.0	15.2	15.2	15.2	15.2	15.2	15.2	15.2
80°	10.9	13.0	15.2	17.4	19.6	21.7	21.7	21.7	21.7	19.6	19.6
77.5°	13.0	13.0	15.2	17.4	19.6	21.7	23.9	26.1	23.9	23.9	23.9
75°	13.0	15.2	15.2	17.4	19.6	21.7	23.9	26.1	26.1	26.1	26.1
72.5°	10.9	13.0	15.2	17.4	17.4	19.6	21.7	21.7	23.9	23.9	26.1
70°	10.9	13.0	15.2	15.2	17.4	17.4	19.6	21.7	21.7	23.9	23.9
67.5°	13.0	15.2	15.2	17.4	19.6	19.6	19.6	21.7	21.7	23.9	23.9
65°	15.2	17.4	17.4	19.6	21.7	21.7	23.9	23.9	23.9	26.1	26.1
62.5°	26.1	26.1	26.1	23.9	26.1	26.1	26.1	28.2	28.2	26.1	28.2
60°	134.7	97.8	67.3	84.7	76.0	34.8	34.8	34.8	32.6	32.6	30.4
57.5°	317.2	295.4	254.2	215.1	193.3	171.6	106.4	43.4	43.4	39.1	34.8
55°	530.1	458.4	428.0	375.8	319.3	293.3	243.3	165.1	78.2	52.1	45.6
52.5°	821.2	753.8	675.6	569.2	493.1	432.3	391.0	310.6	208.5	110.8	69.5
50°	1099.2	1068.8	1021.0	916.7	758.2	656.1	588.7	497.5	373.6	228.1	130.3
47.5°	1770.5	1516.3	1362.1	1281.7	1149.2	955.8	825.5	723.4	573.5	384.5	230.3
45°	2228.9	2068.1	1822.6	1653.2	1457.7	1253.5	1084.0	966.7	788.6	575.7	360.6
42.5°	2622.0	2483.0	2261.4	2013.8	1807.4	1540.2	1323.0	1168.7	1018.8	786.4	538.7
40°	3128.2	2963.1	2750.2	2509.1	2268.0	1926.9	1575.0	1388.1	1223.0	1016.7	727.7
37.5°	3962.4	3671.3	3323.7	3056.5	2741.5	2452.6	1970.3	1640.1	1444.6	1229.6	949.3
35°	4966.0	4646.7	4066.7	3712.6	3291.1	2861.0	2426.5	1937.8	1659.7	1431.6	1153.5
32.5°	5900.2	5433.1	4690.1	4275.2	3995.0	3202.1	2752.4	2328.8	1881.3	1601.0	1270.8
30°	6158.7	5643.8	5111.6	4627.1	4149.2	3508.4	2976.1	2645.9	2159.3	1703.1	1381.6
27.5°	5898.0	5543.9	5131.1	4681.5	4164.4	3614.8	3113.0	2798.0	2363.5	1772.7	1468.5
25°	5633.0	5263.7	4974.7	4598.9	4121.0	3608.3	3117.3	2893.6	2522.1	1907.3	1516.3
22.5°	5352.7	5122.4	4883.5	4464.2	4012.4	3627.9	3258.6	2976.1	2604.7	2059.4	1535.9
20°	5367.9	5218.0	4955.2	4394.7	3992.8	3743.0	3428.0	3080.4	2693.7	2191.9	1551.1
17.5°	5611.2	5415.7	5085.5	4598.9	4168.8	3860.3	3569.2	3223.8	2785.0	2309.2	1735.7
15°	5911.0	5613.4	5268.0	4840.0	4353.4	3988.5	3677.8	3323.7	2889.3	2417.8	1900.8
12.5°	6128.3	5704.6	5381.0	4994.3	4553.3	4127.5	3749.5	3399.8	2987.0	2506.9	2024.6
10°	6202.1	5817.6	5435.3	5089.9	4655.4	4201.4	3803.8	3447.6	3071.7	2576.4	2115.9
7.5°	6241.2	5915.4	5472.2	5133.3	4716.2	4247.0	3847.3	3473.6	3139.1	2624.2	2174.5
5°	6236.9	5967.5	5500.4	5146.3	4748.8	4266.5	3877.7	3480.1	3186.9	2665.5	2209.3
2.5°	6217.3	6002.3	5546.1	5168.1	4814.0	4303.5	3936.3	3493.2	3204.2	2711.1	2233.2
0°	6289.0	6004.4	5593.9	5174.6	4857.4	4316.5	3962.4	3482.3	3180.3	2724.2	2231.0
-2.5°	6134.8	5876.3	5583.0	5118.1	4798.8	4286.1	3914.6	3447.6	3128.2	2708.9	2222.3
-5°	6108.7	5782.8	5491.7	5066.0	4701.0	4223.1	3825.5	3382.4	3045.7	2659.0	2187.6
-7.5°	6039.2	5693.8	5402.7	5024.7	4609.8	4157.9	3740.8	3315.0	2956.6	2580.8	2137.6
-10°	5887.1	5556.9	5307.1	4935.6	4499.0	4064.5	3638.7	3226.0	2852.3	2474.3	2059.4
-12.5°	5669.9	5339.7	5092.0	4746.6	4359.9	3938.5	3517.1	3110.8	2732.8	2361.4	1966.0
-15°	5424.4	5089.9	4842.2	4527.2	4153.6	3743.0	3362.8	2965.3	2596.0	2241.9	1855.2
-17.5°	5146.3	4829.2	4590.2	4283.9	3912.4	3521.4	3143.4	2782.8	2437.4	2118.1	1727.0
-20°	4824.8	4516.4	4296.9	3990.6	3649.6	3269.4	2902.3	2561.2	2250.6	1950.8	1585.8

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CATALOG NUMBER: IFLD-M-SA4A-950-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°	4427.3	4155.7	3905.9	3632.2	3334.6	2987.0	2645.9	2344.0	2046.4	1753.1	1440.3
-25°	4021.1	3758.2	3514.9	3265.1	2980.5	2680.7	2389.6	2115.9	1824.8	1559.8	1299.1
-27.5°	3569.2	3334.6	3117.3	2887.1	2626.4	2367.9	2128.9	1861.7	1609.7	1383.8	1160.0
-30°	3086.9	2895.8	2706.8	2502.6	2291.8	2074.6	1861.7	1609.7	1412.0	1231.7	1042.7
-32.5°	2624.2	2452.6	2300.5	2148.5	1966.0	1787.9	1598.9	1412.0	1246.9	1088.4	929.8
-35°	2218.0	2035.5	1950.8	1829.1	1683.6	1522.8	1368.6	1238.3	1105.7	962.4	821.2
-37.5°	1866.1	1748.8	1648.8	1557.6	1442.5	1303.4	1192.6	1086.2	975.4	845.1	723.4
-40°	1590.2	1505.5	1405.5	1338.2	1244.8	1144.8	1034.0	945.0	851.6	745.1	645.2
-42.5°	1368.6	1299.1	1233.9	1162.2	1092.7	1008.0	912.4	827.7	743.0	664.7	582.2
-45°	1186.1	1136.1	1084.0	1025.4	964.5	890.7	812.5	725.6	664.7	595.2	525.7
-47.5°	1036.2	999.3	955.8	910.2	858.1	792.9	721.2	658.2	595.2	536.6	469.2
-50°	916.7	882.0	847.2	808.1	762.5	706.0	651.7	593.1	534.4	477.9	414.9
-52.5°	816.8	786.4	758.2	725.6	682.1	634.3	584.4	532.2	477.9	421.4	371.5
-55°	747.3	712.5	684.3	651.7	612.6	567.0	521.4	473.6	421.4	378.0	336.7
-57.5°	690.8	651.7	619.1	584.4	545.3	506.2	464.9	421.4	382.3	341.1	302.0
-60°	643.0	597.4	560.5	525.7	488.8	451.9	417.1	380.2	343.2	306.3	267.2
-62.5°	593.1	545.3	499.6	467.1	438.8	406.2	375.8	341.1	308.5	271.5	243.3
-65°	536.6	491.0	447.5	419.3	393.2	365.0	336.7	306.3	278.1	249.8	223.8
-67.5°	473.6	434.5	404.1	378.0	351.9	328.0	302.0	275.9	252.0	223.8	197.7
-70°	397.5	375.8	358.4	338.9	315.0	293.3	269.4	245.5	219.4	195.5	171.6
-72.5°	338.9	325.9	312.8	293.3	271.5	252.0	232.4	210.7	189.0	167.3	147.7
-75°	278.1	267.2	256.3	243.3	225.9	210.7	193.3	173.8	156.4	141.2	126.0
-77.5°	223.8	215.1	208.5	197.7	184.7	171.6	160.8	147.7	134.7	119.5	104.3
-80°	178.1	173.8	171.6	167.3	156.4	145.5	136.9	126.0	113.0	102.1	91.2
-82.5°	139.0	139.0	136.9	134.7	126.0	117.3	110.8	102.1	93.4	84.7	73.9
-85°	102.1	99.9	99.9	97.8	91.2	86.9	80.4	76.0	69.5	60.8	56.5
-87.5°	60.8	58.7	56.5	54.3	50.0	47.8	43.4	41.3	36.9	32.6	30.4
-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: P722757

CATALOG NUMBER: IFLD-M-SA4A-950-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°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	0.0	0.0
85°	6.5	4.3	4.3	4.3	4.3	4.3	2.2	2.2	2.2	2.2	2.2
82.5°	13.0	13.0	10.9	10.9	8.7	6.5	4.3	4.3	4.3	2.2	2.2
80°	19.6	19.6	19.6	17.4	15.2	10.9	8.7	6.5	4.3	2.2	2.2
77.5°	23.9	21.7	21.7	19.6	19.6	17.4	13.0	10.9	6.5	4.3	2.2
75°	23.9	23.9	23.9	21.7	21.7	19.6	17.4	13.0	10.9	6.5	4.3
72.5°	26.1	23.9	23.9	23.9	21.7	19.6	17.4	15.2	13.0	8.7	4.3
70°	23.9	23.9	23.9	23.9	21.7	21.7	17.4	15.2	15.2	8.7	6.5
67.5°	23.9	23.9	23.9	21.7	21.7	19.6	17.4	15.2	15.2	10.9	6.5
65°	26.1	23.9	23.9	23.9	21.7	19.6	17.4	15.2	15.2	13.0	8.7
62.5°	28.2	26.1	26.1	23.9	21.7	19.6	17.4	15.2	15.2	13.0	8.7
60°	30.4	28.2	26.1	26.1	23.9	21.7	17.4	17.4	15.2	13.0	8.7
57.5°	32.6	30.4	30.4	28.2	26.1	23.9	19.6	17.4	15.2	13.0	10.9
55°	39.1	34.8	32.6	32.6	30.4	26.1	21.7	17.4	15.2	13.0	10.9
52.5°	52.1	41.3	36.9	36.9	34.8	30.4	23.9	19.6	15.2	13.0	10.9
50°	82.6	52.1	43.4	39.1	39.1	34.8	28.2	21.7	15.2	13.0	10.9
47.5°	130.3	86.9	52.1	45.6	43.4	41.3	32.6	21.7	17.4	13.0	10.9
45°	215.1	128.2	84.7	54.3	45.6	43.4	36.9	23.9	17.4	15.2	10.9
42.5°	295.4	199.9	130.3	65.2	54.3	47.8	39.1	26.1	19.6	15.2	10.9
40°	464.9	273.7	182.5	106.4	63.0	50.0	43.4	30.4	19.6	15.2	10.9
37.5°	630.0	362.8	245.5	156.4	71.7	56.5	45.6	32.6	21.7	15.2	13.0
35°	795.1	508.3	304.1	208.5	95.6	67.3	47.8	34.8	21.7	15.2	13.0
32.5°	942.8	645.2	365.0	260.7	143.4	80.4	52.1	36.9	23.9	17.4	13.0
30°	1064.5	771.2	473.6	306.3	186.8	97.8	56.5	36.9	26.1	17.4	13.0
27.5°	1155.7	868.9	584.4	354.1	223.8	115.1	65.2	41.3	26.1	17.4	13.0
25°	1229.6	945.0	682.1	404.1	256.3	143.4	78.2	43.4	28.2	19.6	13.0
22.5°	1288.2	1008.0	762.5	471.4	295.4	171.6	95.6	47.8	28.2	19.6	13.0
20°	1368.6	1071.0	816.8	543.1	336.7	197.7	110.8	52.1	28.2	19.6	15.2
17.5°	1438.1	1134.0	860.3	603.9	378.0	217.2	128.2	56.5	30.4	19.6	15.2
15°	1518.5	1194.8	899.4	651.7	417.1	234.6	143.4	60.8	30.4	21.7	15.2
12.5°	1605.4	1251.3	927.6	690.8	458.4	249.8	156.4	69.5	32.6	21.7	15.2
10°	1694.4	1299.1	951.5	719.1	488.8	265.0	165.1	78.2	34.8	21.7	15.2
7.5°	1783.5	1342.5	981.9	732.1	501.8	282.4	169.4	86.9	34.8	23.9	15.2
5°	1844.3	1370.8	1025.4	740.8	508.3	302.0	176.0	97.8	36.9	23.9	15.2
2.5°	1896.5	1388.1	1071.0	747.3	510.5	312.8	173.8	104.3	39.1	23.9	15.2
0°	1920.4	1388.1	1101.4	743.0	504.0	323.7	173.8	110.8	39.1	23.9	15.2
-2.5°	1883.4	1427.2	1092.7	745.1	506.2	323.7	182.5	113.0	43.4	26.1	15.2
-5°	1824.8	1442.5	1066.6	734.3	501.8	323.7	193.3	115.1	45.6	26.1	17.4
-7.5°	1768.3	1449.0	1036.2	723.4	495.3	315.0	195.5	113.0	50.0	28.2	17.4
-10°	1694.4	1377.3	997.1	703.8	482.3	308.5	199.9	113.0	52.1	28.2	17.4
-12.5°	1609.7	1290.4	949.3	675.6	467.1	302.0	202.0	113.0	54.3	30.4	17.4
-15°	1512.0	1201.3	895.0	645.2	445.3	293.3	197.7	110.8	56.5	30.4	19.6
-17.5°	1401.2	1114.4	838.5	608.3	421.4	282.4	189.0	108.6	56.5	30.4	19.6
-20°	1275.2	1027.5	775.5	571.3	393.2	269.4	180.3	104.3	56.5	30.4	19.6

REPORT NUMBER: P722757

CATALOG NUMBER: IFLD-M-SA4A-950-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1162.2	947.2	710.4	530.1	362.8	254.2	169.4	99.9	56.5	32.6	19.6
-25°	1068.8	868.9	660.4	488.8	330.2	236.8	158.6	95.6	56.5	32.6	19.6
-27.5°	971.0	784.2	608.3	449.7	308.5	221.6	147.7	91.2	54.3	32.6	19.6
-30°	871.1	701.7	554.0	406.2	286.8	206.4	139.0	84.7	54.3	32.6	19.6
-32.5°	779.9	634.3	504.0	362.8	262.9	191.2	130.3	82.6	52.1	32.6	19.6
-35°	690.8	573.5	451.9	328.0	236.8	176.0	121.7	80.4	52.1	32.6	19.6
-37.5°	617.0	517.0	404.1	304.1	221.6	162.9	113.0	76.0	50.0	32.6	19.6
-40°	556.1	464.9	358.4	278.1	208.5	149.9	104.3	73.9	50.0	32.6	19.6
-42.5°	499.6	414.9	330.2	256.3	195.5	141.2	97.8	71.7	47.8	32.6	19.6
-45°	449.7	371.5	302.0	236.8	180.3	130.3	93.4	67.3	45.6	32.6	21.7
-47.5°	399.7	341.1	275.9	219.4	165.1	117.3	89.1	65.2	43.4	30.4	21.7
-50°	360.6	308.5	254.2	199.9	149.9	113.0	84.7	60.8	43.4	30.4	21.7
-52.5°	325.9	278.1	230.3	180.3	136.9	106.4	80.4	56.5	41.3	30.4	21.7
-55°	293.3	249.8	206.4	160.8	128.2	99.9	73.9	52.1	41.3	30.4	21.7
-57.5°	260.7	223.8	182.5	145.5	117.3	93.4	69.5	52.1	41.3	30.4	21.7
-60°	234.6	199.9	165.1	134.7	108.6	84.7	63.0	50.0	39.1	30.4	21.7
-62.5°	212.9	180.3	149.9	121.7	99.9	76.0	60.8	50.0	39.1	30.4	19.6
-65°	191.2	162.9	134.7	110.8	89.1	71.7	58.7	47.8	39.1	30.4	19.6
-67.5°	169.4	143.4	121.7	97.8	82.6	69.5	56.5	47.8	36.9	28.2	19.6
-70°	147.7	126.0	106.4	91.2	78.2	65.2	54.3	45.6	36.9	26.1	17.4
-72.5°	130.3	110.8	95.6	84.7	73.9	63.0	52.1	43.4	34.8	23.9	15.2
-75°	110.8	97.8	86.9	76.0	67.3	58.7	50.0	39.1	30.4	21.7	15.2
-77.5°	93.4	84.7	76.0	69.5	60.8	52.1	43.4	34.8	28.2	19.6	13.0
-80°	80.4	73.9	67.3	60.8	54.3	45.6	39.1	30.4	23.9	17.4	10.9
-82.5°	65.2	60.8	54.3	50.0	45.6	39.1	32.6	26.1	17.4	13.0	8.7
-85°	50.0	45.6	43.4	39.1	34.8	28.2	21.7	17.4	13.0	8.7	4.3
-87.5°	26.1	23.9	21.7	19.6	17.4	13.0	10.9	8.7	6.5	4.3	2.2
-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: P722757

CATALOG NUMBER: IFLD-M-SA4A-950-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°	2.2	0.0	0.0	0.0
77.5°	2.2	0.0	0.0	0.0
75°	2.2	2.2	0.0	0.0
72.5°	2.2	2.2	0.0	0.0
70°	2.2	2.2	0.0	0.0
67.5°	4.3	2.2	0.0	0.0
65°	4.3	2.2	0.0	0.0
62.5°	4.3	2.2	0.0	0.0
60°	4.3	2.2	0.0	0.0
57.5°	6.5	2.2	2.2	0.0
55°	6.5	2.2	2.2	0.0
52.5°	6.5	2.2	2.2	0.0
50°	6.5	4.3	2.2	0.0
47.5°	6.5	4.3	2.2	0.0
45°	6.5	4.3	2.2	0.0
42.5°	6.5	4.3	2.2	0.0
40°	8.7	4.3	2.2	0.0
37.5°	8.7	4.3	2.2	0.0
35°	8.7	4.3	2.2	0.0
32.5°	8.7	4.3	2.2	0.0
30°	8.7	4.3	2.2	0.0
27.5°	8.7	6.5	2.2	0.0
25°	8.7	6.5	2.2	0.0
22.5°	10.9	6.5	2.2	0.0
20°	10.9	6.5	2.2	0.0
17.5°	10.9	6.5	2.2	0.0
15°	10.9	6.5	2.2	0.0
12.5°	10.9	6.5	2.2	0.0
10°	10.9	6.5	2.2	0.0
7.5°	10.9	6.5	2.2	0.0
5°	10.9	6.5	2.2	0.0
2.5°	10.9	6.5	2.2	0.0
0°	10.9	6.5	2.2	0.0
-2.5°	10.9	6.5	2.2	0.0
-5°	10.9	6.5	2.2	0.0
-7.5°	10.9	6.5	2.2	0.0
-10°	10.9	6.5	2.2	0.0
-12.5°	13.0	6.5	2.2	0.0
-15°	13.0	6.5	2.2	0.0
-17.5°	13.0	6.5	2.2	0.0
-20°	13.0	6.5	2.2	0.0

REPORT NUMBER: P722757

CATALOG NUMBER: IFLD-M-SA4A-950-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	13.0	6.5	2.2	0.0
-25°	13.0	6.5	2.2	0.0
-27.5°	13.0	6.5	2.2	0.0
-30°	13.0	6.5	2.2	0.0
-32.5°	13.0	6.5	2.2	0.0
-35°	13.0	6.5	2.2	0.0
-37.5°	13.0	6.5	2.2	0.0
-40°	13.0	6.5	2.2	0.0
-42.5°	10.9	6.5	2.2	0.0
-45°	13.0	6.5	2.2	0.0
-47.5°	13.0	6.5	2.2	0.0
-50°	13.0	6.5	2.2	0.0
-52.5°	13.0	6.5	2.2	0.0
-55°	13.0	6.5	2.2	0.0
-57.5°	13.0	6.5	2.2	0.0
-60°	13.0	6.5	2.2	0.0
-62.5°	10.9	6.5	2.2	0.0
-65°	10.9	4.3	2.2	0.0
-67.5°	10.9	4.3	2.2	0.0
-70°	10.9	4.3	2.2	0.0
-72.5°	8.7	4.3	2.2	0.0
-75°	8.7	4.3	2.2	0.0
-77.5°	6.5	2.2	0.0	0.0
-80°	6.5	2.2	0.0	0.0
-82.5°	4.3	2.2	0.0	0.0
-85°	2.2	2.2	0.0	0.0
-87.5°	2.2	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)