

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: P722703

Luminaire Tested: **IFLD-M-SA4E-935-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722703
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4E-935-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (64) 3500K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

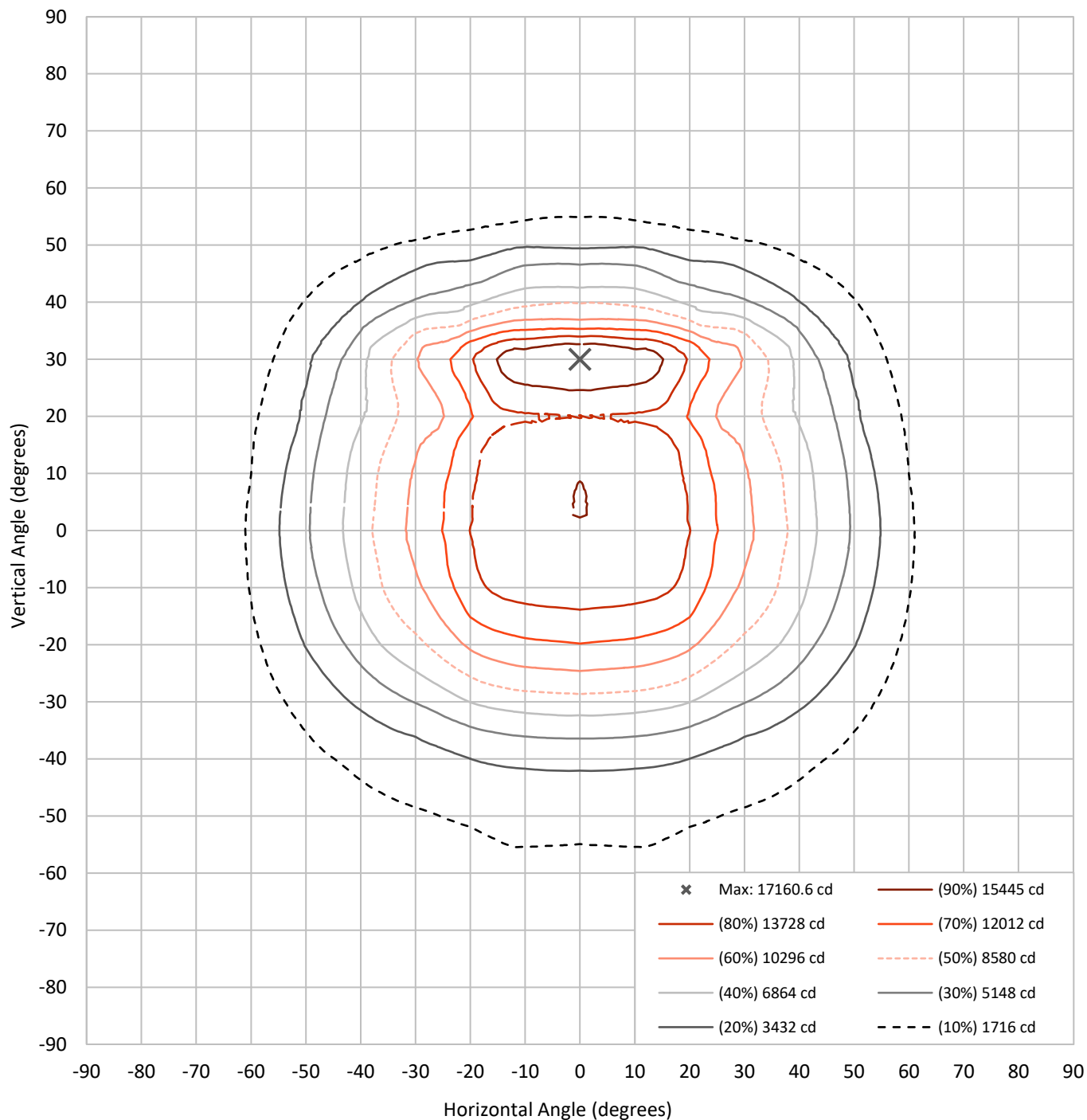
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	24581.4 lumens	Max Intensity:	17160.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	78.1 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	15681.9 lumens	Field Lumens:	23174.8 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	314.8		
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: P722703

CATALOG NUMBER: IFLD-M-SA4E-935-U-76-VI

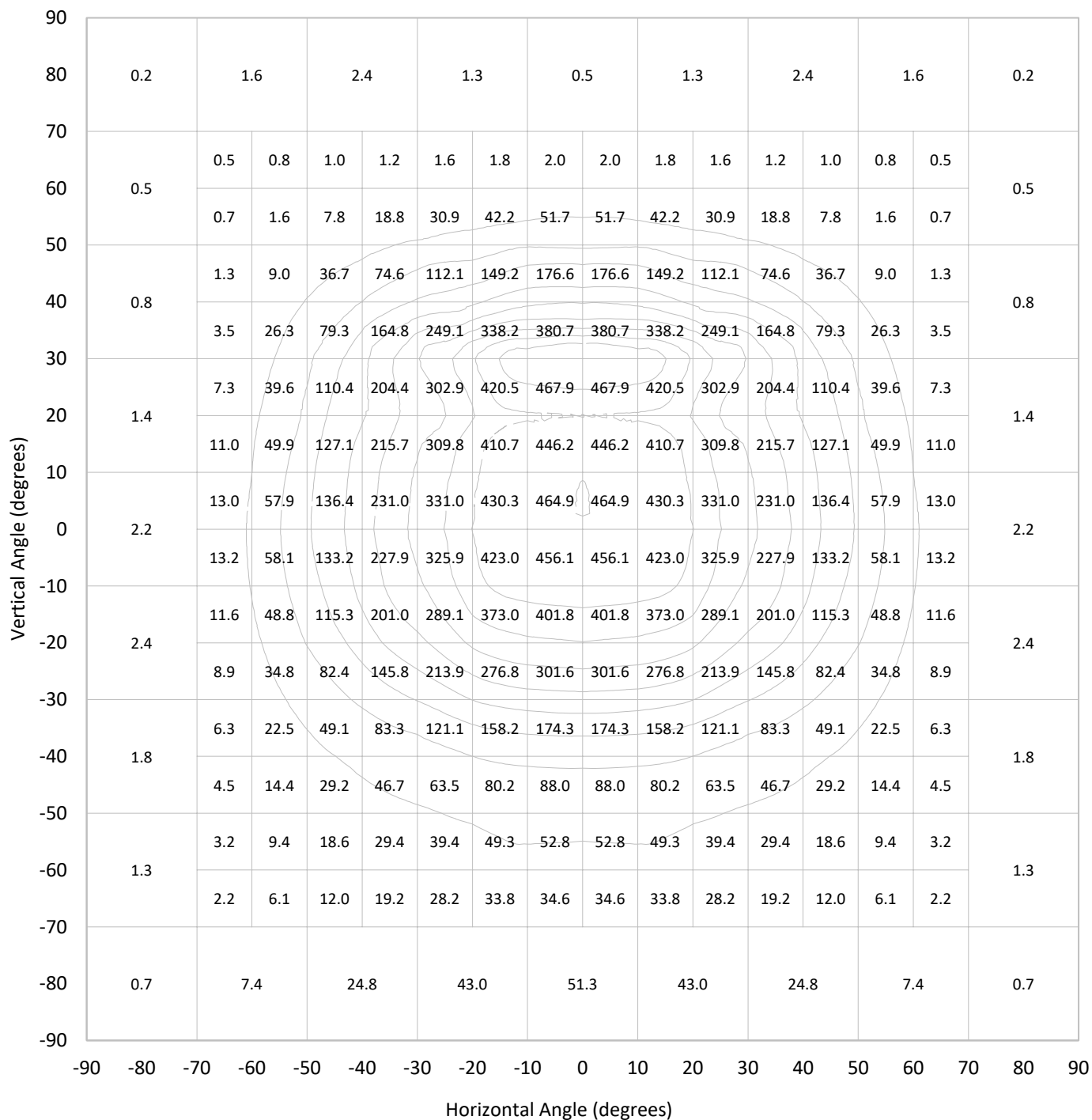
Iso-Candela Plot



REPORT NUMBER: P722703

CATALOG NUMBER: IFLD-M-SA4E-935-U-76-VI

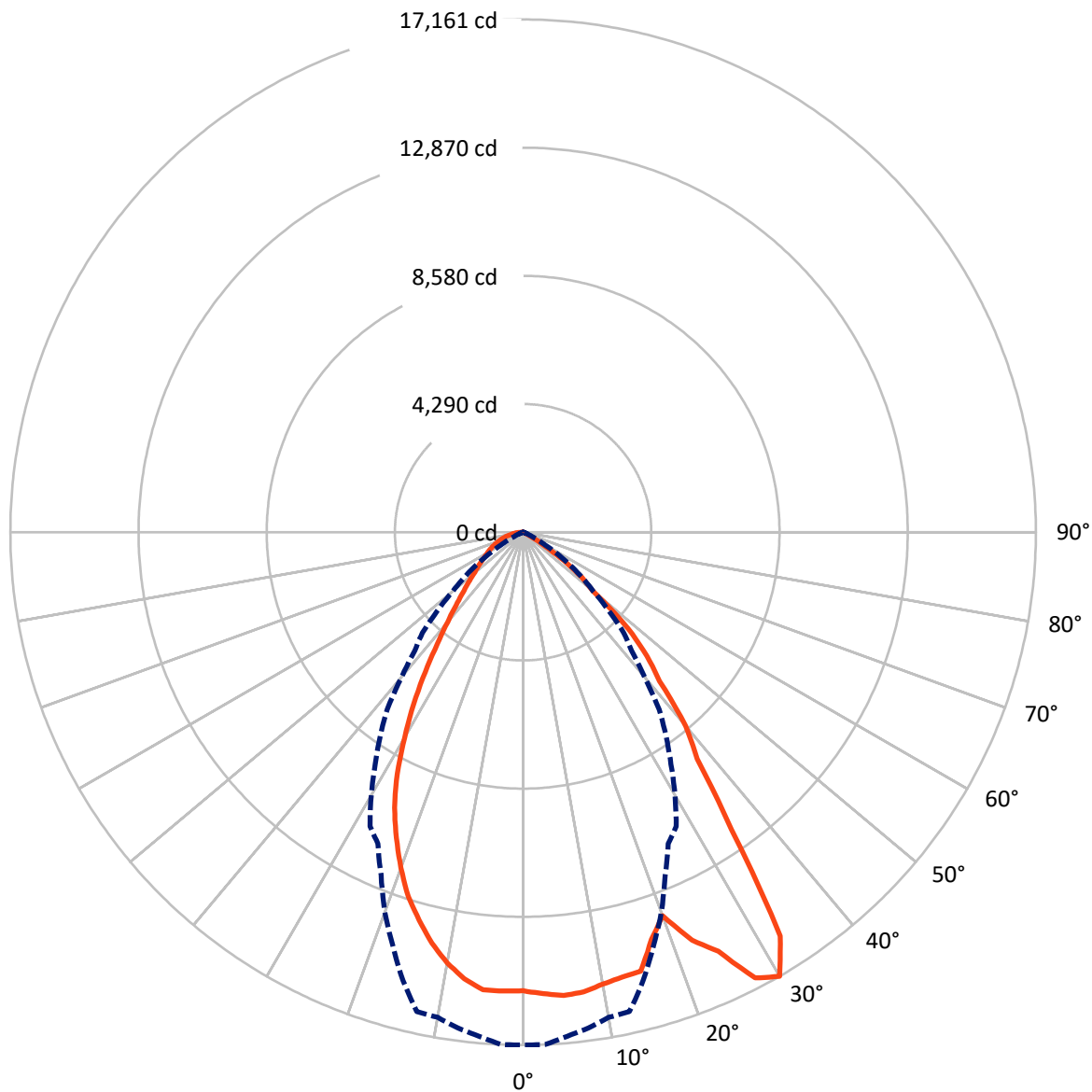
Lumen Table



REPORT NUMBER: P722703

CATALOG NUMBER: IFLD-M-SA4E-935-U-76-VI

Luminous Intensity Polar Plot



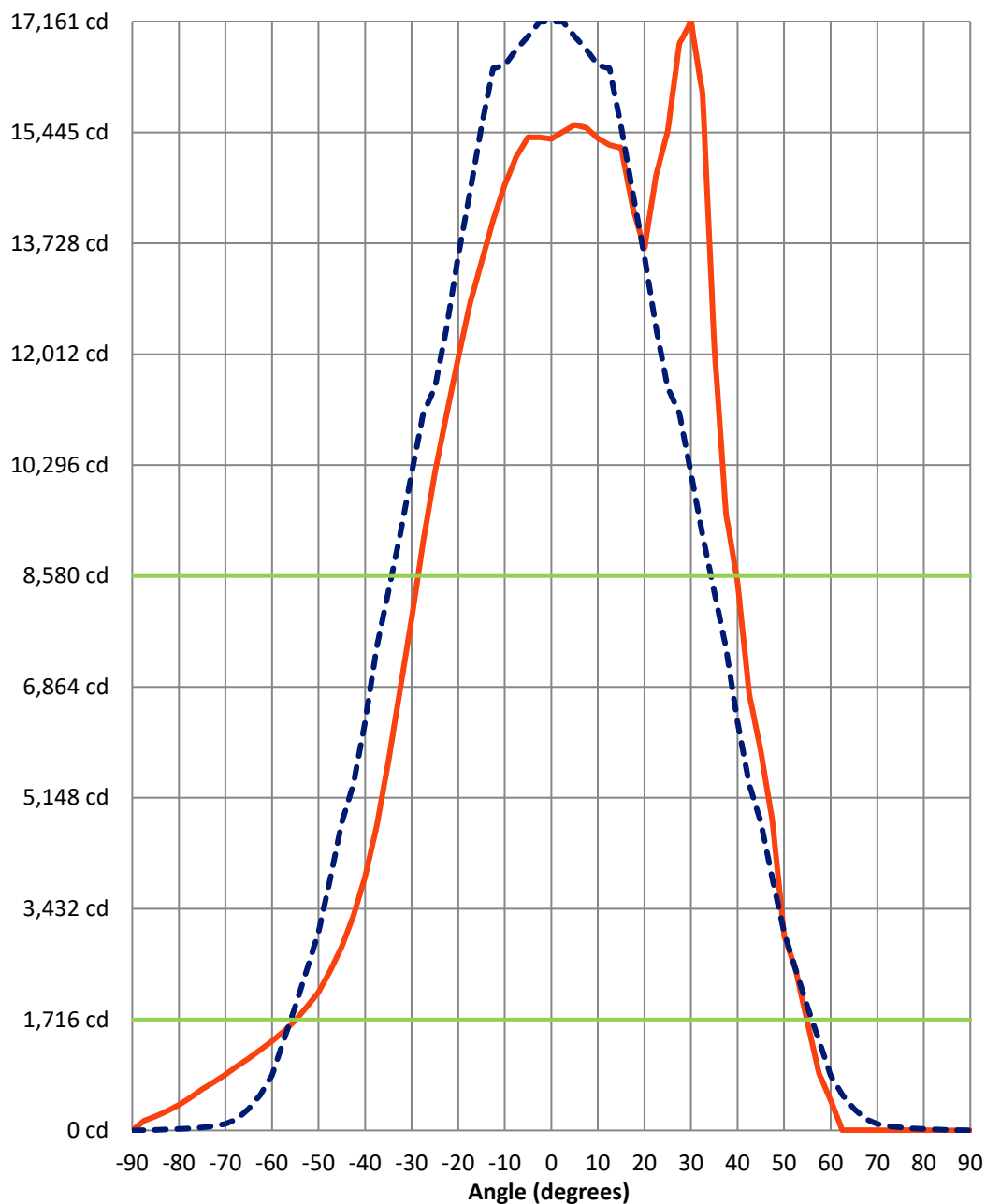
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

REPORT NUMBER: P722703

CATALOG NUMBER: IFLD-M-SA4E-935-U-76-VI

Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 15681.9

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 23174.8

Efficiency: 94.3%

Spill:

Lumens: 1406.6

Efficiency: 5.7%

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

REPORT NUMBER: P722703

CATALOG NUMBER: IFLD-M-SA4E-935-U-76-VI

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	3.9	3.9	3.9	3.9	3.9	3.9	3.9
85°	0.0	3.9	3.9	3.9	7.8	7.8	7.8	7.8	7.8	7.8	11.7
82.5°	0.0	3.9	3.9	3.9	7.8	7.8	7.8	7.8	11.7	11.7	15.7
80°	3.9	3.9	3.9	3.9	7.8	7.8	7.8	11.7	11.7	15.7	15.7
77.5°	3.9	3.9	3.9	7.8	7.8	7.8	11.7	11.7	15.7	15.7	19.6
75°	3.9	3.9	3.9	7.8	7.8	11.7	11.7	11.7	15.7	15.7	19.6
72.5°	0.0	3.9	3.9	7.8	7.8	11.7	11.7	11.7	15.7	15.7	15.7
70°	3.9	3.9	3.9	7.8	7.8	11.7	11.7	11.7	15.7	15.7	15.7
67.5°	3.9	3.9	3.9	7.8	7.8	11.7	11.7	15.7	15.7	15.7	19.6
65°	3.9	3.9	3.9	7.8	11.7	11.7	15.7	19.6	19.6	23.5	27.4
62.5°	3.9	7.8	7.8	11.7	15.7	19.6	43.0	66.5	66.5	47.0	39.1
60°	465.7	504.8	500.9	454.0	395.3	332.6	320.9	309.2	285.7	250.5	262.2
57.5°	884.4	931.4	951.0	939.2	907.9	853.1	821.8	786.6	739.6	684.9	622.2
55°	1675.0	1694.5	1651.5	1569.3	1479.3	1389.3	1358.0	1311.0	1240.6	1170.1	1076.2
52.5°	2477.2	2543.8	2524.2	2442.0	2320.7	2160.2	1984.1	1847.2	1765.0	1686.7	1592.8
50°	3025.1	3052.5	3107.3	3205.1	3240.4	3130.8	2845.1	2477.2	2215.0	2348.1	2246.3
47.5°	4774.4	4911.4	4884.0	4813.6	4696.2	4398.7	3999.6	3670.8	3396.9	3306.9	3322.5
45°	5866.3	5921.1	5901.5	5870.2	5815.4	5537.6	5095.3	4590.5	4336.1	4234.4	4128.7
42.5°	6762.5	6821.2	6832.9	6836.8	6778.1	6523.8	6124.6	5619.7	5365.4	5071.9	4841.0
40°	8472.7	8558.8	8460.9	8331.8	8136.1	7846.5	7455.2	6989.5	6539.4	6179.4	5905.4
37.5°	9564.5	9670.2	9709.3	9701.5	9658.5	9533.2	9051.9	8609.6	7920.9	7114.7	7259.5
35°	12155.2	12264.8	12233.5	12116.1	12053.5	11920.4	11450.8	10926.4	10061.5	9184.9	8950.1
32.5°	16017.8	16256.6	15810.4	15321.2	15019.9	15125.6	14648.1	13364.5	12965.3	11384.3	10652.5
30°	17160.6	17156.7	16929.7	16730.1	16483.6	16432.7	15532.6	14507.2	13528.9	12421.4	11497.8
27.5°	16812.3	16741.8	16550.1	16405.3	16174.4	16053.1	15172.5	14358.5	13227.5	12237.4	11345.2
25°	15470.0	15524.8	15329.1	15301.7	15211.7	14976.9	14538.6	13622.8	12613.1	11517.4	10875.5
22.5°	14777.3	14757.7	14522.9	14385.9	14495.5	14245.0	14068.9	13145.4	12092.6	11169.1	10398.1
20°	13650.2	13654.1	13595.4	13583.7	13517.1	13403.6	13262.8	12609.2	11865.7	11075.1	10147.6
17.5°	14280.3	14440.7	14511.2	13928.1	14092.4	13963.3	13814.6	12902.7	12343.1	11642.6	10433.3
15°	15203.8	15145.1	15074.7	15043.4	14953.4	14832.1	14562.0	13834.1	12871.4	12147.4	11204.3
12.5°	15250.8	15137.3	15109.9	15106.0	15012.1	14843.8	14581.6	13978.9	13125.8	12245.3	11478.2
10°	15352.6	15235.2	15219.5	15239.1	15094.3	14988.6	14726.4	14166.8	13204.1	12413.5	11689.5
7.5°	15516.9	15321.2	15411.3	15352.6	15286.0	15117.7	14836.0	14288.1	13489.7	12636.6	11877.4
5°	15560.0	15344.7	15442.6	15387.8	15289.9	15125.6	14820.3	14366.4	13665.9	12726.6	11951.7
2.5°	15454.3	15391.7	15348.6	15246.9	15203.8	15023.8	14734.2	14249.0	13583.7	12687.5	11936.1
0°	15344.7	15399.5	15301.7	15199.9	15180.4	15035.6	14789.0	14350.7	13775.4	12797.1	12069.2
-2.5°	15368.2	15325.2	15258.6	15153.0	15051.2	14843.8	14620.7	14209.8	13591.5	12558.3	11881.3
-5°	15368.2	15168.6	15176.5	15180.4	15078.6	14863.4	14593.3	14245.0	13481.9	12554.4	11826.5
-7.5°	15070.8	14898.6	14871.2	14847.7	14820.3	14620.7	14409.4	13975.0	13298.0	12452.7	11673.9
-10°	14632.5	14464.2	14479.9	14444.6	14358.5	14225.5	14065.0	13673.7	13118.0	12131.8	11364.7
-12.5°	14084.6	14010.2	13967.2	13908.5	13822.4	13705.0	13540.6	13172.8	12577.9	11736.5	11008.6
-15°	13435.0	13380.2	13341.0	13305.8	13180.6	13059.3	12844.0	12503.5	12131.8	11227.8	10484.2
-17.5°	12785.3	12648.3	12593.6	12546.6	12464.4	12268.7	12073.1	11818.7	11298.2	10582.0	9944.1
-20°	11951.7	11869.6	11803.0	11740.4	11623.0	11470.4	11309.9	11016.4	10566.4	9987.2	9325.8

REPORT NUMBER: P722703

CATALOG NUMBER: IFLD-M-SA4E-935-U-76-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	11079.0	11032.1	10977.3	10899.0	10820.8	10676.0	10452.9	10171.1	9818.9	9192.7	8574.4
-25°	10178.9	10088.9	10022.4	9948.1	9885.4	9752.4	9537.1	9267.1	8824.9	8284.8	7768.2
-27.5°	9118.4	9032.3	8997.1	8911.0	8856.2	8734.9	8519.6	8269.2	7870.0	7416.0	6891.6
-30°	7920.9	7936.5	7897.4	7815.2	7748.7	7592.1	7427.8	7216.4	6903.4	6469.0	5999.4
-32.5°	6813.4	6832.9	6786.0	6699.9	6613.8	6500.3	6347.7	6155.9	5921.1	5506.3	5099.3
-35°	5705.8	5698.0	5658.9	5608.0	5549.3	5455.4	5283.2	5138.4	4868.4	4578.8	4297.0
-37.5°	4711.8	4731.4	4719.6	4692.3	4625.7	4547.5	4406.6	4273.5	4073.9	3819.6	3600.4
-40°	3925.2	3948.7	3933.0	3905.6	3846.9	3800.0	3706.1	3588.7	3428.2	3209.0	3025.1
-42.5°	3322.5	3338.2	3318.6	3295.1	3244.3	3209.0	3134.7	3036.9	2903.8	2735.5	2571.2
-45°	2845.1	2849.0	2829.4	2813.8	2774.7	2731.6	2669.0	2590.7	2485.1	2367.7	2234.6
-47.5°	2469.4	2465.5	2445.9	2430.3	2399.0	2359.8	2308.9	2238.5	2156.3	2066.3	1960.7
-50°	2140.7	2160.2	2152.4	2136.8	2113.3	2085.9	2035.0	1960.7	1878.5	1811.9	1737.6
-52.5°	1913.7	1917.6	1913.7	1913.7	1909.8	1890.2	1831.5	1757.1	1667.1	1608.4	1545.8
-55°	1702.4	1721.9	1729.8	1737.6	1741.5	1741.5	1671.1	1592.8	1506.7	1448.0	1401.0
-57.5°	1530.2	1541.9	1549.7	1569.3	1585.0	1596.7	1534.1	1463.6	1397.1	1342.3	1299.3
-60°	1381.5	1397.1	1408.9	1428.4	1440.2	1448.0	1408.9	1361.9	1322.8	1287.5	1224.9
-62.5°	1248.4	1260.1	1271.9	1283.6	1295.4	1303.2	1287.5	1264.1	1244.5	1228.8	1150.6
-65°	1115.3	1127.1	1138.8	1154.5	1166.2	1174.0	1170.1	1154.5	1138.8	1123.2	1052.7
-67.5°	994.0	1005.8	1021.4	1025.3	1033.2	1037.1	1029.2	1017.5	997.9	978.4	923.6
-70°	864.9	872.7	880.5	880.5	880.5	876.6	868.8	853.1	833.6	806.2	763.1
-72.5°	747.5	755.3	763.1	751.4	743.6	731.8	720.1	700.5	680.9	661.4	637.9
-75°	637.9	641.8	641.8	626.2	614.4	602.7	587.0	575.3	555.7	540.1	520.5
-77.5°	508.8	508.8	508.8	497.0	489.2	481.4	469.6	457.9	442.2	430.5	414.8
-80°	395.3	395.3	395.3	391.3	379.6	371.8	364.0	356.1	344.4	336.6	328.7
-82.5°	301.3	301.3	301.3	297.4	289.6	285.7	277.9	270.0	266.1	258.3	254.4
-85°	219.2	223.1	223.1	219.2	215.2	207.4	203.5	199.6	195.7	191.8	183.9
-87.5°	148.7	148.7	148.7	144.8	140.9	140.9	137.0	129.1	121.3	117.4	113.5
-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: P722703

CATALOG NUMBER: IFLD-M-SA4E-935-U-76-VI

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°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
85°	11.7	11.7	11.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	11.7
82.5°	19.6	19.6	23.5	23.5	27.4	27.4	27.4	27.4	27.4	27.4	27.4
80°	19.6	23.5	27.4	31.3	35.2	39.1	39.1	39.1	39.1	35.2	35.2
77.5°	23.5	23.5	27.4	31.3	35.2	39.1	43.0	47.0	43.0	43.0	43.0
75°	23.5	27.4	27.4	31.3	35.2	39.1	43.0	47.0	47.0	47.0	47.0
72.5°	19.6	23.5	27.4	31.3	31.3	35.2	39.1	39.1	43.0	43.0	47.0
70°	19.6	23.5	27.4	27.4	31.3	31.3	35.2	39.1	39.1	43.0	43.0
67.5°	23.5	27.4	27.4	31.3	35.2	35.2	35.2	39.1	39.1	43.0	43.0
65°	27.4	31.3	31.3	35.2	39.1	39.1	43.0	43.0	43.0	47.0	47.0
62.5°	47.0	47.0	47.0	43.0	47.0	47.0	47.0	50.9	50.9	47.0	50.9
60°	242.6	176.1	121.3	152.6	137.0	62.6	62.6	62.6	58.7	58.7	54.8
57.5°	571.4	532.2	457.9	387.4	348.3	309.2	191.8	78.3	78.3	70.4	62.6
55°	954.9	825.7	771.0	677.0	575.3	528.3	438.3	297.4	140.9	93.9	82.2
52.5°	1479.3	1358.0	1217.1	1025.3	888.4	778.8	704.4	559.6	375.7	199.6	125.2
50°	1980.2	1925.4	1839.3	1651.5	1365.8	1181.9	1060.6	896.2	673.1	410.9	234.8
47.5°	3189.5	2731.6	2453.7	2308.9	2070.2	1721.9	1487.1	1303.2	1033.2	692.7	414.8
45°	4015.2	3725.6	3283.4	2978.2	2625.9	2258.1	1952.8	1741.5	1420.6	1037.1	649.6
42.5°	4723.6	4473.1	4073.9	3627.8	3256.0	2774.7	2383.3	2105.4	1835.4	1416.7	970.5
40°	5635.4	5338.0	4954.5	4520.1	4085.7	3471.3	2837.3	2500.7	2203.3	1831.5	1311.0
37.5°	7138.2	6613.8	5987.6	5506.3	4938.8	4418.3	3549.5	2954.7	2602.5	2215.0	1710.2
35°	8946.2	8370.9	7326.0	6688.1	5928.9	5154.0	4371.4	3490.8	2989.9	2579.0	2078.1
32.5°	10629.0	9787.6	8449.2	7701.7	7196.9	5768.5	4958.4	4195.2	3389.1	2884.2	2289.4
30°	11094.7	10167.2	9208.4	8335.7	7474.7	6320.3	5361.5	4766.6	3890.0	3068.2	2489.0
27.5°	10625.1	9987.2	9243.6	8433.5	7502.1	6512.0	5608.0	5040.6	4257.9	3193.4	2645.5
25°	10147.6	9482.3	8961.9	8284.8	7423.9	6500.3	5615.8	5212.7	4543.5	3436.0	2731.6
22.5°	9642.8	9228.0	8797.5	8042.2	7228.2	6535.5	5870.2	5361.5	4692.3	3710.0	2766.8
20°	9670.2	9400.2	8926.6	7917.0	7193.0	6742.9	6175.5	5549.3	4852.7	3948.7	2794.2
17.5°	10108.5	9756.3	9161.4	8284.8	7510.0	6954.2	6429.8	5807.6	5017.1	4160.0	3126.9
15°	10648.6	10112.4	9490.2	8719.2	7842.6	7185.1	6625.5	5987.6	5204.9	4355.7	3424.3
12.5°	11039.9	10276.8	9693.7	8997.1	8202.6	7435.6	6754.7	6124.6	5381.0	4516.1	3647.4
10°	11173.0	10480.3	9791.5	9169.3	8386.6	7568.7	6852.5	6210.7	5533.7	4641.4	3811.7
7.5°	11243.4	10656.4	9858.0	9247.5	8496.2	7650.8	6930.8	6257.6	5655.0	4727.5	3917.4
5°	11235.6	10750.3	9908.9	9271.0	8554.9	7686.1	6985.6	6269.4	5741.1	4801.8	3980.0
2.5°	11200.4	10812.9	9991.1	9310.2	8672.3	7752.6	7091.2	6292.9	5772.4	4884.0	4023.1
0°	11329.5	10816.8	10077.2	9321.9	8750.5	7776.1	7138.2	6273.3	5729.3	4907.5	4019.1
-2.5°	11051.6	10585.9	10057.6	9220.1	8644.9	7721.3	7052.1	6210.7	5635.4	4880.1	4003.5
-5°	11004.7	10417.7	9893.3	9126.2	8468.8	7607.8	6891.6	6093.3	5486.7	4790.1	3940.9
-7.5°	10879.5	10257.2	9732.8	9051.9	8304.4	7490.4	6739.0	5972.0	5326.2	4649.2	3850.9
-10°	10605.5	10010.7	9560.6	8891.4	8104.8	7322.1	6555.1	5811.5	5138.4	4457.4	3710.0
-12.5°	10214.2	9619.3	9173.2	8550.9	7854.3	7095.1	6335.9	5604.1	4923.1	4253.9	3541.7
-15°	9771.9	9169.3	8723.1	8155.7	7482.6	6742.9	6058.1	5341.9	4676.6	4038.7	3342.1
-17.5°	9271.0	8699.7	8269.2	7717.4	7048.2	6343.7	5662.8	5013.2	4390.9	3815.6	3111.2
-20°	8691.8	8136.1	7740.9	7189.1	6574.6	5889.8	5228.4	4614.0	4054.4	3514.3	2856.8

REPORT NUMBER: P722703

CATALOG NUMBER: IFLD-M-SA4E-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°	7975.7	7486.5	7036.4	6543.3	6007.2	5381.0	4766.6	4222.6	3686.5	3158.2	2594.6
-25°	7243.8	6770.3	6332.0	5882.0	5369.3	4829.2	4304.8	3811.7	3287.3	2809.9	2340.3
-27.5°	6429.8	6007.2	5615.8	5201.0	4731.4	4265.7	3835.2	3353.8	2899.9	2492.9	2089.8
-30°	5561.0	5216.7	4876.2	4508.3	4128.7	3737.4	3353.8	2899.9	2543.8	2218.9	1878.5
-32.5°	4727.5	4418.3	4144.4	3870.4	3541.7	3220.8	2880.3	2543.8	2246.3	1960.7	1675.0
-35°	3995.7	3666.9	3514.3	3295.1	3032.9	2743.3	2465.5	2230.7	1992.0	1733.7	1479.3
-37.5°	3361.7	3150.3	2970.3	2806.0	2598.5	2348.1	2148.5	1956.7	1757.1	1522.3	1303.2
-40°	2864.7	2712.0	2532.0	2410.7	2242.4	2062.4	1862.8	1702.4	1534.1	1342.3	1162.3
-42.5°	2465.5	2340.3	2222.9	2093.7	1968.5	1815.9	1643.7	1491.0	1338.4	1197.5	1048.8
-45°	2136.8	2046.7	1952.8	1847.2	1737.6	1604.5	1463.6	1307.1	1197.5	1072.3	947.1
-47.5°	1866.7	1800.2	1721.9	1639.7	1545.8	1428.4	1299.3	1185.8	1072.3	966.6	845.3
-50°	1651.5	1588.9	1526.3	1455.8	1373.6	1271.9	1174.0	1068.4	962.7	861.0	747.5
-52.5°	1471.5	1416.7	1365.8	1307.1	1228.8	1142.7	1052.7	958.8	861.0	759.2	669.2
-55°	1346.2	1283.6	1232.7	1174.0	1103.6	1021.4	939.2	853.1	759.2	680.9	606.6
-57.5°	1244.5	1174.0	1115.3	1052.7	982.3	911.8	837.5	759.2	688.8	614.4	544.0
-60°	1158.4	1076.2	1009.7	947.1	880.5	814.0	751.4	684.9	618.3	551.8	481.4
-62.5°	1068.4	982.3	900.1	841.4	790.5	731.8	677.0	614.4	555.7	489.2	438.3
-65°	966.6	884.4	806.2	755.3	708.3	657.5	606.6	551.8	500.9	450.0	403.1
-67.5°	853.1	782.7	727.9	680.9	634.0	590.9	544.0	497.0	454.0	403.1	356.1
-70°	716.2	677.0	645.7	610.5	567.5	528.3	485.3	442.2	395.3	352.2	309.2
-72.5°	610.5	587.0	563.5	528.3	489.2	454.0	418.7	379.6	340.5	301.3	266.1
-75°	500.9	481.4	461.8	438.3	407.0	379.6	348.3	313.1	281.8	254.4	227.0
-77.5°	403.1	387.4	375.7	356.1	332.6	309.2	289.6	266.1	242.6	215.2	187.8
-80°	320.9	313.1	309.2	301.3	281.8	262.2	246.5	227.0	203.5	183.9	164.4
-82.5°	250.5	250.5	246.5	242.6	227.0	211.3	199.6	183.9	168.3	152.6	133.1
-85°	183.9	180.0	180.0	176.1	164.4	156.5	144.8	137.0	125.2	109.6	101.8
-87.5°	109.6	105.7	101.8	97.8	90.0	86.1	78.3	74.4	66.5	58.7	54.8
-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: P722703

CATALOG NUMBER: IFLD-M-SA4E-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°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	0.0	0.0
85°	11.7	7.8	7.8	7.8	7.8	7.8	3.9	3.9	3.9	3.9	3.9
82.5°	23.5	23.5	19.6	19.6	15.7	11.7	7.8	7.8	7.8	3.9	3.9
80°	35.2	35.2	35.2	31.3	27.4	19.6	15.7	11.7	7.8	3.9	3.9
77.5°	43.0	39.1	39.1	35.2	35.2	31.3	23.5	19.6	11.7	7.8	3.9
75°	43.0	43.0	43.0	39.1	39.1	35.2	31.3	23.5	19.6	11.7	7.8
72.5°	47.0	43.0	43.0	43.0	39.1	35.2	31.3	27.4	23.5	15.7	7.8
70°	43.0	43.0	43.0	43.0	39.1	39.1	31.3	27.4	27.4	15.7	11.7
67.5°	43.0	43.0	43.0	39.1	39.1	35.2	31.3	27.4	27.4	19.6	11.7
65°	47.0	43.0	43.0	43.0	39.1	35.2	31.3	27.4	27.4	23.5	15.7
62.5°	50.9	47.0	47.0	43.0	39.1	35.2	31.3	27.4	27.4	23.5	15.7
60°	54.8	50.9	47.0	47.0	43.0	39.1	31.3	31.3	27.4	23.5	15.7
57.5°	58.7	54.8	54.8	50.9	47.0	43.0	35.2	31.3	27.4	23.5	19.6
55°	70.4	62.6	58.7	58.7	54.8	47.0	39.1	31.3	27.4	23.5	19.6
52.5°	93.9	74.4	66.5	66.5	62.6	54.8	43.0	35.2	27.4	23.5	19.6
50°	148.7	93.9	78.3	70.4	70.4	62.6	50.9	39.1	27.4	23.5	19.6
47.5°	234.8	156.5	93.9	82.2	78.3	74.4	58.7	39.1	31.3	23.5	19.6
45°	387.4	230.9	152.6	97.8	82.2	78.3	66.5	43.0	31.3	27.4	19.6
42.5°	532.2	360.0	234.8	117.4	97.8	86.1	70.4	47.0	35.2	27.4	19.6
40°	837.5	493.1	328.7	191.8	113.5	90.0	78.3	54.8	35.2	27.4	19.6
37.5°	1134.9	653.6	442.2	281.8	129.1	101.8	82.2	58.7	39.1	27.4	23.5
35°	1432.3	915.8	547.9	375.7	172.2	121.3	86.1	62.6	39.1	27.4	23.5
32.5°	1698.4	1162.3	657.5	469.6	258.3	144.8	93.9	66.5	43.0	31.3	23.5
30°	1917.6	1389.3	853.1	551.8	336.6	176.1	101.8	66.5	47.0	31.3	23.5
27.5°	2082.0	1565.4	1052.7	637.9	403.1	207.4	117.4	74.4	47.0	31.3	23.5
25°	2215.0	1702.4	1228.8	727.9	461.8	258.3	140.9	78.3	50.9	35.2	23.5
22.5°	2320.7	1815.9	1373.6	849.2	532.2	309.2	172.2	86.1	50.9	35.2	23.5
20°	2465.5	1929.3	1471.5	978.4	606.6	356.1	199.6	93.9	50.9	35.2	27.4
17.5°	2590.7	2042.8	1549.7	1087.9	680.9	391.3	230.9	101.8	54.8	35.2	27.4
15°	2735.5	2152.4	1620.2	1174.0	751.4	422.7	258.3	109.6	54.8	39.1	27.4
12.5°	2892.1	2254.2	1671.1	1244.5	825.7	450.0	281.8	125.2	58.7	39.1	27.4
10°	3052.5	2340.3	1714.1	1295.4	880.5	477.4	297.4	140.9	62.6	39.1	27.4
7.5°	3213.0	2418.5	1768.9	1318.8	904.0	508.8	305.3	156.5	62.6	43.0	27.4
5°	3322.5	2469.4	1847.2	1334.5	915.8	544.0	317.0	176.1	66.5	43.0	27.4
2.5°	3416.5	2500.7	1929.3	1346.2	919.7	563.5	313.1	187.8	70.4	43.0	27.4
0°	3459.5	2500.7	1984.1	1338.4	907.9	583.1	313.1	199.6	70.4	43.0	27.4
-2.5°	3393.0	2571.2	1968.5	1342.3	911.8	583.1	328.7	203.5	78.3	47.0	27.4
-5°	3287.3	2598.5	1921.5	1322.8	904.0	583.1	348.3	207.4	82.2	47.0	31.3
-7.5°	3185.6	2610.3	1866.7	1303.2	892.3	567.5	352.2	203.5	90.0	50.9	31.3
-10°	3052.5	2481.1	1796.3	1268.0	868.8	555.7	360.0	203.5	93.9	50.9	31.3
-12.5°	2899.9	2324.6	1710.2	1217.1	841.4	544.0	364.0	203.5	97.8	54.8	31.3
-15°	2723.8	2164.2	1612.4	1162.3	802.3	528.3	356.1	199.6	101.8	54.8	35.2
-17.5°	2524.2	2007.6	1510.6	1095.8	759.2	508.8	340.5	195.7	101.8	54.8	35.2
-20°	2297.2	1851.1	1397.1	1029.2	708.3	485.3	324.8	187.8	101.8	54.8	35.2

REPORT NUMBER: P722703

CATALOG NUMBER: IFLD-M-SA4E-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°	2093.7	1706.3	1279.7	954.9	653.6	457.9	305.3	180.0	101.8	58.7	35.2
-25°	1925.4	1565.4	1189.7	880.5	594.8	426.6	285.7	172.2	101.8	58.7	35.2
-27.5°	1749.3	1412.8	1095.8	810.1	555.7	399.2	266.1	164.4	97.8	58.7	35.2
-30°	1569.3	1264.1	997.9	731.8	516.6	371.8	250.5	152.6	97.8	58.7	35.2
-32.5°	1404.9	1142.7	907.9	653.6	473.5	344.4	234.8	148.7	93.9	58.7	35.2
-35°	1244.5	1033.2	814.0	590.9	426.6	317.0	219.2	144.8	93.9	58.7	35.2
-37.5°	1111.4	931.4	727.9	547.9	399.2	293.5	203.5	137.0	90.0	58.7	35.2
-40°	1001.8	837.5	645.7	500.9	375.7	270.0	187.8	133.1	90.0	58.7	35.2
-42.5°	900.1	747.5	594.8	461.8	352.2	254.4	176.1	129.1	86.1	58.7	35.2
-45°	810.1	669.2	544.0	426.6	324.8	234.8	168.3	121.3	82.2	58.7	39.1
-47.5°	720.1	614.4	497.0	395.3	297.4	211.3	160.5	117.4	78.3	54.8	39.1
-50°	649.6	555.7	457.9	360.0	270.0	203.5	152.6	109.6	78.3	54.8	39.1
-52.5°	587.0	500.9	414.8	324.8	246.5	191.8	144.8	101.8	74.4	54.8	39.1
-55°	528.3	450.0	371.8	289.6	230.9	180.0	133.1	93.9	74.4	54.8	39.1
-57.5°	469.6	403.1	328.7	262.2	211.3	168.3	125.2	93.9	74.4	54.8	39.1
-60°	422.7	360.0	297.4	242.6	195.7	152.6	113.5	90.0	70.4	54.8	39.1
-62.5°	383.5	324.8	270.0	219.2	180.0	137.0	109.6	90.0	70.4	54.8	35.2
-65°	344.4	293.5	242.6	199.6	160.5	129.1	105.7	86.1	70.4	54.8	35.2
-67.5°	305.3	258.3	219.2	176.1	148.7	125.2	101.8	86.1	66.5	50.9	35.2
-70°	266.1	227.0	191.8	164.4	140.9	117.4	97.8	82.2	66.5	47.0	31.3
-72.5°	234.8	199.6	172.2	152.6	133.1	113.5	93.9	78.3	62.6	43.0	27.4
-75°	199.6	176.1	156.5	137.0	121.3	105.7	90.0	70.4	54.8	39.1	27.4
-77.5°	168.3	152.6	137.0	125.2	109.6	93.9	78.3	62.6	50.9	35.2	23.5
-80°	144.8	133.1	121.3	109.6	97.8	82.2	70.4	54.8	43.0	31.3	19.6
-82.5°	117.4	109.6	97.8	90.0	82.2	70.4	58.7	47.0	31.3	23.5	15.7
-85°	90.0	82.2	78.3	70.4	62.6	50.9	39.1	31.3	23.5	15.7	7.8
-87.5°	47.0	43.0	39.1	35.2	31.3	23.5	19.6	15.7	11.7	7.8	3.9
-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: P722703

CATALOG NUMBER: IFLD-M-SA4E-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°	3.9	0.0	0.0	0.0
77.5°	3.9	0.0	0.0	0.0
75°	3.9	3.9	0.0	0.0
72.5°	3.9	3.9	0.0	0.0
70°	3.9	3.9	0.0	0.0
67.5°	7.8	3.9	0.0	0.0
65°	7.8	3.9	0.0	0.0
62.5°	7.8	3.9	0.0	0.0
60°	7.8	3.9	0.0	0.0
57.5°	11.7	3.9	3.9	0.0
55°	11.7	3.9	3.9	0.0
52.5°	11.7	3.9	3.9	0.0
50°	11.7	7.8	3.9	0.0
47.5°	11.7	7.8	3.9	0.0
45°	11.7	7.8	3.9	0.0
42.5°	11.7	7.8	3.9	0.0
40°	15.7	7.8	3.9	0.0
37.5°	15.7	7.8	3.9	0.0
35°	15.7	7.8	3.9	0.0
32.5°	15.7	7.8	3.9	0.0
30°	15.7	7.8	3.9	0.0
27.5°	15.7	11.7	3.9	0.0
25°	15.7	11.7	3.9	0.0
22.5°	19.6	11.7	3.9	0.0
20°	19.6	11.7	3.9	0.0
17.5°	19.6	11.7	3.9	0.0
15°	19.6	11.7	3.9	0.0
12.5°	19.6	11.7	3.9	0.0
10°	19.6	11.7	3.9	0.0
7.5°	19.6	11.7	3.9	0.0
5°	19.6	11.7	3.9	0.0
2.5°	19.6	11.7	3.9	0.0
0°	19.6	11.7	3.9	0.0
-2.5°	19.6	11.7	3.9	0.0
-5°	19.6	11.7	3.9	0.0
-7.5°	19.6	11.7	3.9	0.0
-10°	19.6	11.7	3.9	0.0
-12.5°	23.5	11.7	3.9	0.0
-15°	23.5	11.7	3.9	0.0
-17.5°	23.5	11.7	3.9	0.0
-20°	23.5	11.7	3.9	0.0

REPORT NUMBER: P722703

CATALOG NUMBER: IFLD-M-SA4E-935-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	23.5	11.7	3.9	0.0
-25°	23.5	11.7	3.9	0.0
-27.5°	23.5	11.7	3.9	0.0
-30°	23.5	11.7	3.9	0.0
-32.5°	23.5	11.7	3.9	0.0
-35°	23.5	11.7	3.9	0.0
-37.5°	23.5	11.7	3.9	0.0
-40°	23.5	11.7	3.9	0.0
-42.5°	19.6	11.7	3.9	0.0
-45°	23.5	11.7	3.9	0.0
-47.5°	23.5	11.7	3.9	0.0
-50°	23.5	11.7	3.9	0.0
-52.5°	23.5	11.7	3.9	0.0
-55°	23.5	11.7	3.9	0.0
-57.5°	23.5	11.7	3.9	0.0
-60°	23.5	11.7	3.9	0.0
-62.5°	19.6	11.7	3.9	0.0
-65°	19.6	7.8	3.9	0.0
-67.5°	19.6	7.8	3.9	0.0
-70°	19.6	7.8	3.9	0.0
-72.5°	15.7	7.8	3.9	0.0
-75°	15.7	7.8	3.9	0.0
-77.5°	11.7	3.9	0.0	0.0
-80°	11.7	3.9	0.0	0.0
-82.5°	7.8	3.9	0.0	0.0
-85°	3.9	3.9	0.0	0.0
-87.5°	3.9	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)