

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: P722470

Luminaire Tested: **IFLD-M-SA4D-735-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722470
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4D-735-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (64) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

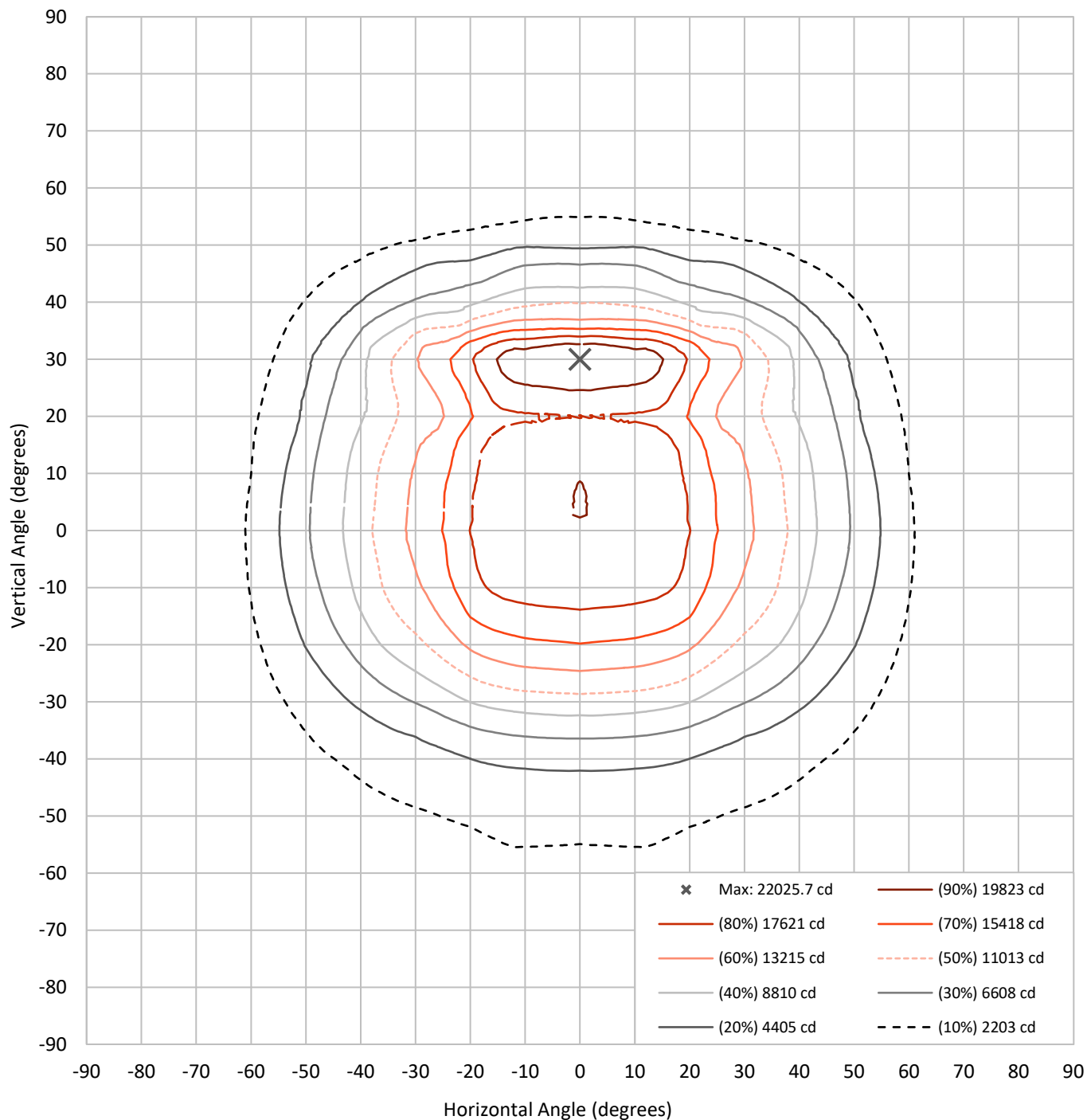
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	31550.5 lumens	Max Intensity:	22025.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	126.4 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	20127.8 lumens	Field Lumens:	29745 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	249.7		
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: P722470

CATALOG NUMBER: IFLD-M-SA4D-735-U-76-VI

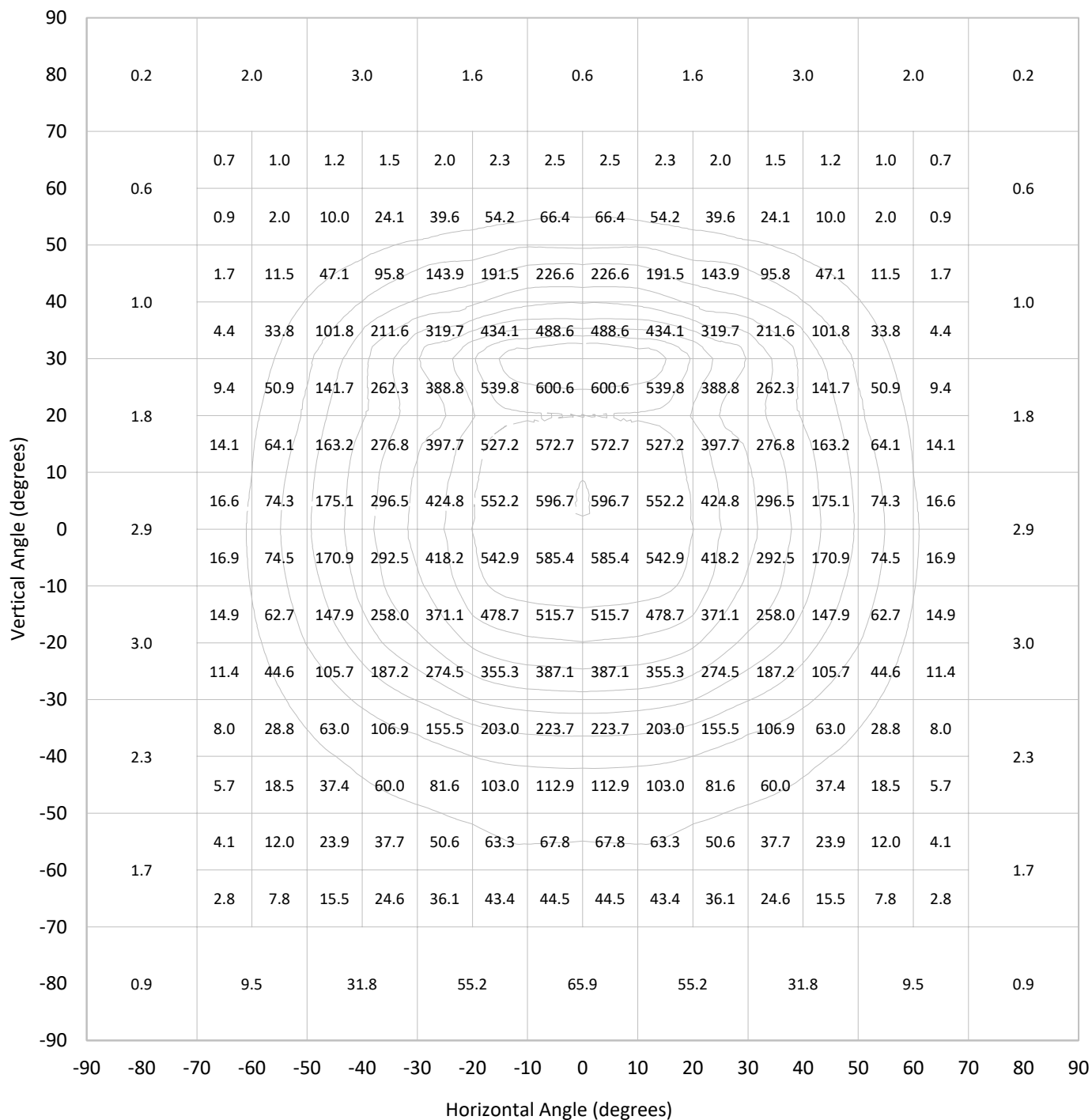
Iso-Candela Plot



REPORT NUMBER: P722470

CATALOG NUMBER: IFLD-M-SA4D-735-U-76-VI

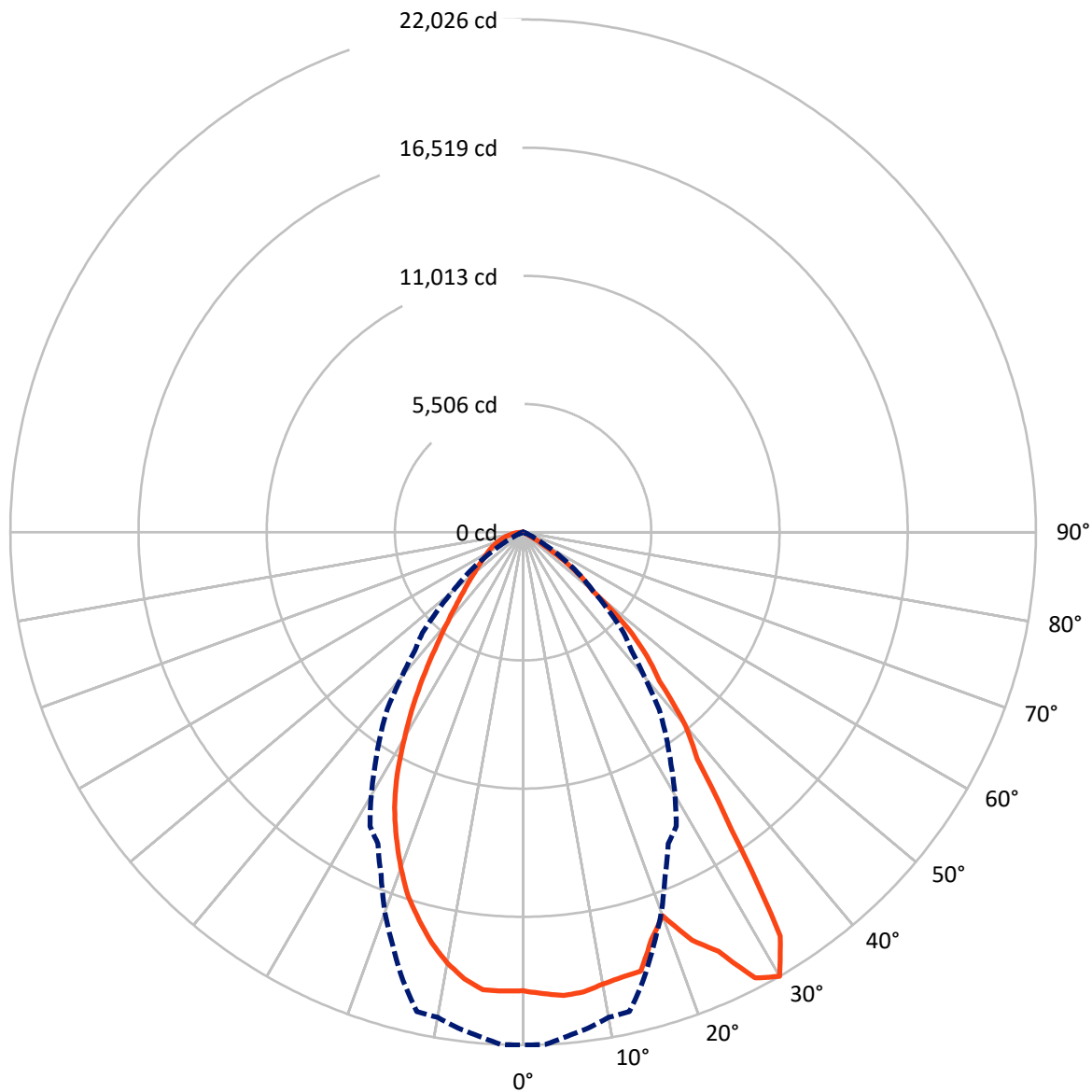
Lumen Table



REPORT NUMBER: P722470

CATALOG NUMBER: IFLD-M-SA4D-735-U-76-VI

Luminous Intensity Polar Plot



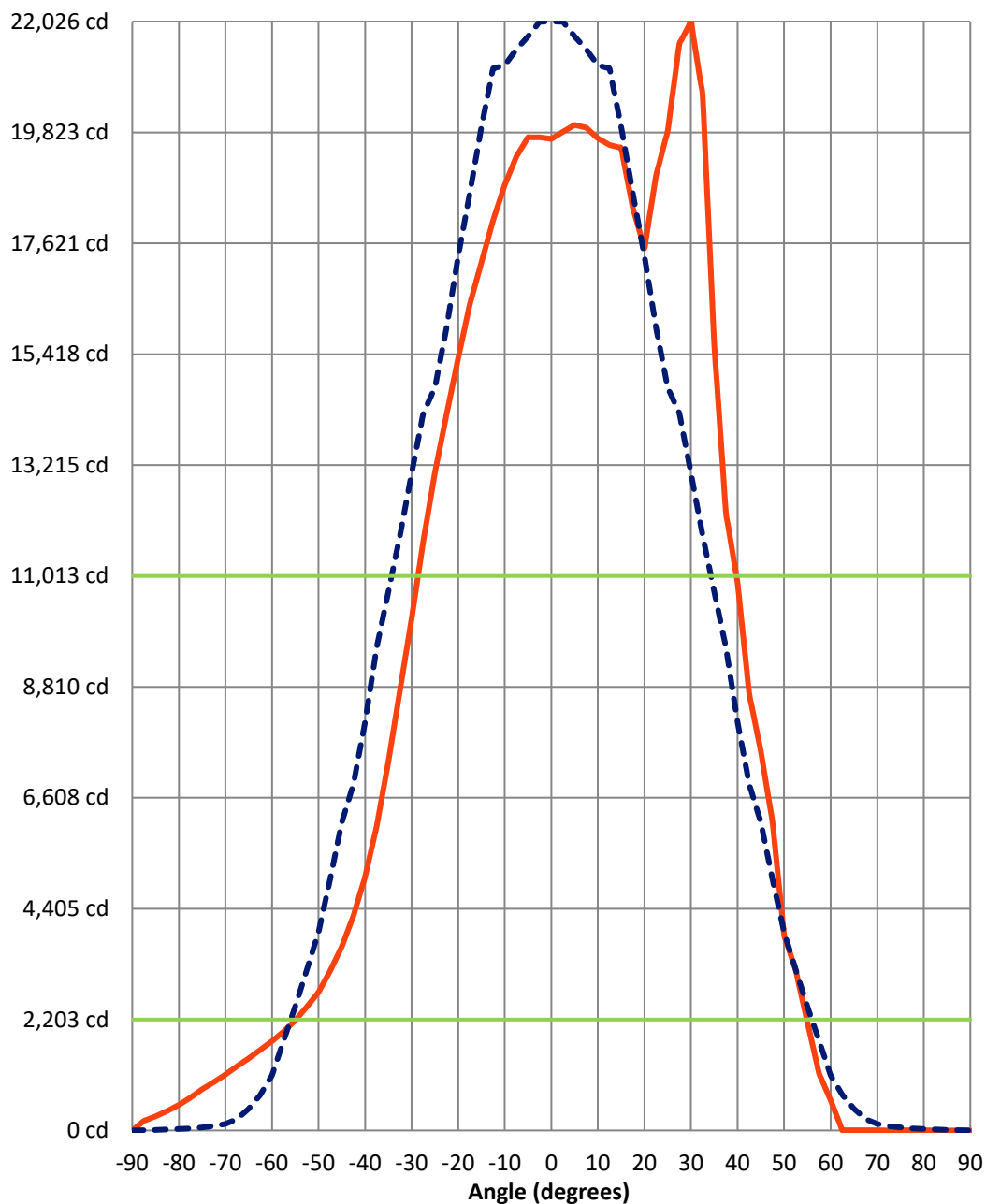
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

REPORT NUMBER: P722470

CATALOG NUMBER: IFLD-M-SA4D-735-U-76-VI

Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 20127.8

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 29745

Efficiency: 94.3%

Spill:

Lumens: 1805.5

Efficiency: 5.7%

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



REPORT NUMBER: P722470

CATALOG NUMBER: IFLD-M-SA4D-735-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	5.0	5.0	5.0	5.0	5.0	5.0	5.0
85°	0.0	5.0	5.0	5.0	10.0	10.0	10.0	10.0	10.0	10.0	15.1
82.5°	0.0	5.0	5.0	5.0	10.0	10.0	10.0	10.0	15.1	15.1	20.1
80°	5.0	5.0	5.0	5.0	10.0	10.0	10.0	15.1	15.1	20.1	20.1
77.5°	5.0	5.0	5.0	10.0	10.0	10.0	15.1	15.1	20.1	20.1	25.1
75°	5.0	5.0	5.0	10.0	10.0	15.1	15.1	15.1	20.1	20.1	25.1
72.5°	0.0	5.0	5.0	10.0	10.0	15.1	15.1	15.1	20.1	20.1	20.1
70°	5.0	5.0	5.0	10.0	10.0	15.1	15.1	15.1	20.1	20.1	20.1
67.5°	5.0	5.0	5.0	10.0	10.0	15.1	15.1	20.1	20.1	20.1	25.1
65°	5.0	5.0	5.0	10.0	15.1	15.1	20.1	25.1	25.1	30.1	35.2
62.5°	5.0	10.0	10.0	15.1	20.1	25.1	55.3	85.4	85.4	60.3	50.2
60°	597.7	648.0	642.9	582.7	507.3	427.0	411.9	396.8	366.7	321.5	336.5
57.5°	1135.2	1195.5	1220.6	1205.5	1165.3	1095.0	1054.8	1009.6	949.3	879.0	798.7
55°	2149.8	2174.9	2119.7	2014.2	1898.7	1783.2	1743.0	1682.7	1592.3	1501.9	1381.3
52.5°	3179.5	3264.9	3239.8	3134.3	2978.6	2772.7	2546.6	2370.8	2265.4	2164.9	2044.4
50°	3882.8	3917.9	3988.2	4113.8	4159.0	4018.4	3651.7	3179.5	2843.0	3013.8	2883.2
47.5°	6128.0	6303.8	6268.7	6178.3	6027.6	5645.8	5133.5	4711.6	4359.9	4244.4	4264.5
45°	7529.4	7599.8	7574.6	7534.5	7464.1	7107.5	6539.9	5891.9	5565.5	5434.9	5299.2
42.5°	8679.7	8755.0	8770.1	8775.1	8699.8	8373.3	7861.0	7213.0	6886.5	6509.8	6213.4
40°	10874.7	10985.2	10859.7	10693.9	10442.8	10071.1	9568.8	8971.0	8393.4	7931.3	7579.7
37.5°	12276.2	12411.8	12462.0	12452.0	12396.7	12236.0	11618.1	11050.5	10166.5	9131.8	9317.6
35°	15601.4	15742.0	15701.8	15551.1	15470.8	15300.0	14697.2	14024.1	12914.1	11788.9	11487.5
32.5°	20559.0	20865.4	20292.8	19664.9	19278.2	19413.8	18801.0	17153.5	16641.1	14611.8	13672.5
30°	22025.7	22020.7	21729.4	21473.2	21156.8	21091.5	19936.2	18620.2	17364.4	15942.9	14757.5
27.5°	21578.7	21488.3	21242.2	21056.3	20760.0	20604.2	19474.1	18429.3	16977.7	15706.8	14561.6
25°	19855.8	19926.1	19675.0	19639.8	19524.3	19222.9	18660.4	17485.0	16189.0	14782.6	13958.8
22.5°	18966.8	18941.6	18640.3	18464.5	18605.1	18283.6	18057.6	16872.2	15521.0	14335.6	13346.0
20°	17520.1	17525.2	17449.8	17434.7	17349.4	17203.7	17022.9	16184.0	15229.7	14215.0	13024.6
17.5°	18328.8	18534.8	18625.2	17876.8	18087.7	17922.0	17731.1	16560.7	15842.5	14943.4	13391.3
15°	19514.3	19438.9	19348.5	19308.3	19192.8	19037.1	18690.5	17756.2	16520.6	15591.3	14380.8
12.5°	19574.5	19428.9	19393.7	19388.7	19268.1	19052.1	18715.6	17942.1	16847.1	15716.9	14732.4
10°	19705.1	19554.4	19534.4	19559.5	19373.6	19238.0	18901.5	18183.2	16947.5	15932.9	15003.6
7.5°	19916.1	19664.9	19780.5	19705.1	19619.7	19403.8	19042.1	18338.9	17314.2	16219.2	15244.7
5°	19971.3	19695.1	19820.7	19750.3	19624.8	19413.8	19022.0	18439.3	17540.2	16334.7	15340.2
2.5°	19835.7	19755.4	19700.1	19569.5	19514.3	19283.2	18911.5	18288.7	17434.7	16284.5	15320.1
0°	19695.1	19765.4	19639.8	19509.2	19484.1	19298.3	18981.8	18419.2	17680.9	16425.1	15490.9
-2.5°	19725.2	19670.0	19584.6	19449.0	19318.4	19052.1	18765.8	18238.4	17444.8	16118.7	15249.8
-5°	19725.2	19469.1	19479.1	19484.1	19353.5	19077.3	18730.7	18283.6	17304.1	16113.7	15179.4
-7.5°	19343.5	19122.5	19087.3	19057.2	19022.0	18765.8	18494.6	17937.0	17068.1	15983.1	14983.5
-10°	18780.9	18564.9	18585.0	18539.8	18429.3	18258.5	18052.6	17550.3	16837.0	15571.2	14586.7
-12.5°	18077.7	17982.3	17927.0	17851.7	17741.1	17590.5	17379.5	16907.3	16143.8	15063.9	14129.6
-15°	17243.9	17173.6	17123.3	17078.1	16917.4	16761.7	16485.4	16048.4	15571.2	14410.9	13456.6
-17.5°	16410.1	16234.3	16163.9	16103.7	15998.2	15747.0	15495.9	15169.4	14501.3	13582.1	12763.4
-20°	15340.2	15234.7	15149.3	15068.9	14918.2	14722.3	14516.4	14139.7	13562.0	12818.6	11969.7

REPORT NUMBER: P722470

CATALOG NUMBER: IFLD-M-SA4D-735-U-76-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	14220.0	14159.8	14089.4	13989.0	13888.5	13702.7	13416.4	13054.7	12602.6	11799.0	11005.3
-25°	13064.8	12949.2	12863.8	12768.4	12688.0	12517.3	12241.0	11894.4	11326.8	10633.6	9970.6
-27.5°	11703.5	11593.0	11547.8	11437.3	11367.0	11211.3	10935.0	10613.5	10101.2	9518.5	8845.5
-30°	10166.5	10186.6	10136.4	10030.9	9945.5	9744.6	9533.6	9262.4	8860.5	8303.0	7700.2
-32.5°	8745.0	8770.1	8709.8	8599.3	8488.8	8343.2	8147.3	7901.1	7599.8	7067.3	6544.9
-35°	7323.5	7313.5	7263.2	7197.9	7122.6	7002.0	6781.0	6595.2	6248.6	5876.9	5515.2
-37.5°	6047.7	6072.8	6057.7	6022.5	5937.2	5836.7	5655.9	5485.1	5228.9	4902.4	4621.1
-40°	5038.0	5068.2	5048.1	5012.9	4937.6	4877.3	4756.8	4606.1	4400.1	4118.8	3882.8
-42.5°	4264.5	4284.6	4259.5	4229.3	4164.0	4118.8	4023.4	3897.8	3727.0	3511.1	3300.1
-45°	3651.7	3656.7	3631.6	3611.5	3561.3	3506.0	3425.7	3325.2	3189.6	3038.9	2868.1
-47.5°	3169.5	3164.5	3139.4	3119.3	3079.1	3028.9	2963.6	2873.1	2767.7	2652.1	2516.5
-50°	2747.6	2772.7	2762.6	2742.5	2712.4	2677.2	2611.9	2516.5	2411.0	2325.6	2230.2
-52.5°	2456.2	2461.3	2456.2	2456.2	2451.2	2426.1	2350.8	2255.3	2139.8	2064.4	1984.1
-55°	2185.0	2210.1	2220.2	2230.2	2235.2	2235.2	2144.8	2044.4	1933.8	1858.5	1798.2
-57.5°	1964.0	1979.1	1989.1	2014.2	2034.3	2049.4	1969.0	1878.6	1793.2	1722.9	1667.6
-60°	1773.1	1793.2	1808.3	1833.4	1848.5	1858.5	1808.3	1748.0	1697.8	1652.6	1572.2
-62.5°	1602.3	1617.4	1632.5	1647.5	1662.6	1672.7	1652.6	1622.4	1597.3	1577.2	1476.8
-65°	1431.5	1446.6	1461.7	1481.8	1496.8	1506.9	1501.9	1481.8	1461.7	1441.6	1351.2
-67.5°	1275.8	1290.9	1311.0	1316.0	1326.1	1331.1	1321.0	1306.0	1280.9	1255.7	1185.4
-70°	1110.1	1120.1	1130.2	1130.2	1130.2	1125.1	1115.1	1095.0	1069.9	1034.7	979.5
-72.5°	959.4	969.4	979.5	964.4	954.4	939.3	924.2	899.1	874.0	848.9	818.7
-75°	818.7	823.8	823.8	803.7	788.6	773.5	753.4	738.4	713.3	693.2	668.1
-77.5°	653.0	653.0	653.0	637.9	627.9	617.8	602.8	587.7	567.6	552.5	532.4
-80°	507.3	507.3	507.3	502.3	487.2	477.2	467.1	457.1	442.0	432.0	421.9
-82.5°	386.8	386.8	386.8	381.7	371.7	366.7	356.6	346.6	341.6	331.5	326.5
-85°	281.3	286.3	286.3	281.3	276.3	266.2	261.2	256.2	251.1	246.1	236.1
-87.5°	190.9	190.9	190.9	185.9	180.8	180.8	175.8	165.8	155.7	150.7	145.7
-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: P722470

CATALOG NUMBER: IFLD-M-SA4D-735-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°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
85°	15.1	15.1	15.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	15.1
82.5°	25.1	25.1	30.1	30.1	35.2	35.2	35.2	35.2	35.2	35.2	35.2
80°	25.1	30.1	35.2	40.2	45.2	50.2	50.2	50.2	50.2	45.2	45.2
77.5°	30.1	30.1	35.2	40.2	45.2	50.2	55.3	60.3	55.3	55.3	55.3
75°	30.1	35.2	35.2	40.2	45.2	50.2	55.3	60.3	60.3	60.3	60.3
72.5°	25.1	30.1	35.2	40.2	40.2	45.2	50.2	50.2	55.3	55.3	60.3
70°	25.1	30.1	35.2	35.2	40.2	40.2	45.2	50.2	50.2	55.3	55.3
67.5°	30.1	35.2	35.2	40.2	45.2	45.2	45.2	50.2	50.2	55.3	55.3
65°	35.2	40.2	40.2	45.2	50.2	50.2	55.3	55.3	55.3	60.3	60.3
62.5°	60.3	60.3	60.3	55.3	60.3	60.3	60.3	65.3	65.3	60.3	65.3
60°	311.4	226.0	155.7	195.9	175.8	80.4	80.4	80.4	75.3	75.3	70.3
57.5°	733.4	683.1	587.7	497.3	447.0	396.8	246.1	100.5	100.5	90.4	80.4
55°	1225.6	1059.8	989.5	869.0	738.4	678.1	562.6	381.7	180.8	120.6	105.5
52.5°	1898.7	1743.0	1562.1	1316.0	1140.2	999.6	904.1	718.3	482.2	256.2	160.7
50°	2541.6	2471.3	2360.8	2119.7	1753.0	1516.9	1361.2	1150.3	864.0	527.4	301.4
47.5°	4093.7	3506.0	3149.4	2963.6	2657.2	2210.1	1908.7	1672.7	1326.1	889.1	532.4
45°	5153.6	4781.9	4214.3	3822.5	3370.4	2898.3	2506.5	2235.2	1823.3	1331.1	833.8
42.5°	6062.7	5741.3	5228.9	4656.3	4179.1	3561.3	3059.0	2702.4	2355.8	1818.3	1245.7
40°	7233.1	6851.3	6359.1	5801.5	5244.0	4455.4	3641.7	3209.7	2827.9	2350.8	1682.7
37.5°	9161.9	8488.8	7685.2	7067.3	6339.0	5670.9	4555.8	3792.3	3340.3	2843.0	2195.0
35°	11482.5	10744.1	9403.0	8584.3	7609.8	6615.3	5610.7	4480.5	3837.6	3310.1	2667.2
32.5°	13642.4	12562.5	10844.6	9885.2	9237.3	7403.9	6364.1	5384.6	4349.9	3701.9	2938.4
30°	14240.1	13049.7	11819.1	10698.9	9593.9	8112.1	6881.5	6118.0	4992.8	3938.0	3194.6
27.5°	13637.4	12818.6	11864.3	10824.5	9629.0	8358.2	7197.9	6469.6	5465.0	4098.7	3395.5
25°	13024.6	12170.7	11502.6	10633.6	9528.6	8343.2	7208.0	6690.6	5831.7	4410.2	3506.0
22.5°	12376.6	11844.2	11291.6	10322.2	9277.4	8388.4	7534.5	6881.5	6022.5	4761.8	3551.2
20°	12411.8	12065.2	11457.4	10161.5	9232.2	8654.6	7926.3	7122.6	6228.5	5068.2	3586.4
17.5°	12974.3	12522.3	11758.8	10633.6	9639.1	8925.8	8252.7	7454.1	6439.5	5339.4	4013.4
15°	13667.5	12979.4	12180.7	11191.2	10066.0	9222.2	8503.9	7685.2	6680.6	5590.6	4395.1
12.5°	14169.8	13190.3	12441.9	11547.8	10528.2	9543.7	8669.7	7861.0	6906.6	5796.5	4681.4
10°	14340.6	13451.5	12567.5	11768.8	10764.2	9714.4	8795.2	7971.5	7102.5	5957.2	4892.4
7.5°	14431.0	13677.6	12652.9	11869.3	10904.9	9819.9	8895.7	8031.7	7258.2	6067.8	5028.0
5°	14421.0	13798.1	12718.2	11899.4	10980.2	9865.1	8966.0	8046.8	7368.7	6163.2	5108.4
2.5°	14375.8	13878.5	12823.7	11949.7	11130.9	9950.5	9101.6	8076.9	7408.9	6268.7	5163.6
0°	14541.5	13883.5	12934.2	11964.7	11231.4	9980.7	9161.9	8051.8	7353.6	6298.8	5158.6
-2.5°	14184.9	13587.1	12909.0	11834.1	11095.8	9910.3	9051.4	7971.5	7233.1	6263.7	5138.5
-5°	14124.6	13371.2	12698.1	11713.6	10869.7	9764.7	8845.5	7820.8	7042.2	6148.1	5058.1
-7.5°	13963.9	13165.2	12492.1	11618.1	10658.8	9614.0	8649.6	7665.1	6836.3	5967.3	4942.6
-10°	13612.3	12848.8	12271.1	11412.2	10402.6	9398.0	8413.5	7459.1	6595.2	5721.2	4761.8
-12.5°	13110.0	12346.5	11773.9	10975.2	10081.1	9106.7	8132.2	7192.9	6318.9	5460.0	4545.8
-15°	12542.4	11768.8	11196.2	10467.9	9603.9	8654.6	7775.6	6856.4	6002.5	5183.7	4289.6
-17.5°	11899.4	11166.1	10613.5	9905.3	9046.4	8142.2	7268.2	6434.4	5635.8	4897.4	3993.3
-20°	11156.0	10442.8	9935.4	9227.2	8438.6	7559.6	6710.7	5922.1	5203.8	4510.6	3666.8

REPORT NUMBER: P722470

CATALOG NUMBER: IFLD-M-SA4D-735-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°	10236.8	9609.0	9031.3	8398.4	7710.3	6906.6	6118.0	5419.8	4731.6	4053.5	3330.2
-25°	9297.5	8689.7	8127.2	7549.5	6891.5	6198.4	5525.3	4892.4	4219.3	3606.5	3003.7
-27.5°	8252.7	7710.3	7208.0	6675.5	6072.8	5475.0	4922.5	4304.7	3722.0	3199.6	2682.3
-30°	7137.6	6695.6	6258.6	5786.5	5299.2	4796.9	4304.7	3722.0	3264.9	2848.0	2411.0
-32.5°	6067.8	5670.9	5319.3	4967.7	4545.8	4133.9	3696.9	3264.9	2883.2	2516.5	2149.8
-35°	5128.5	4706.5	4510.6	4229.3	3892.8	3521.1	3164.5	2863.1	2556.7	2225.2	1898.7
-37.5°	4314.7	4043.5	3812.4	3601.5	3335.3	3013.8	2757.6	2511.5	2255.3	1953.9	1672.7
-40°	3676.8	3480.9	3249.9	3094.2	2878.2	2647.1	2390.9	2185.0	1969.0	1722.9	1491.8
-42.5°	3164.5	3003.7	2853.0	2687.3	2526.6	2330.7	2109.6	1913.8	1717.9	1537.0	1346.2
-45°	2742.5	2627.0	2506.5	2370.8	2230.2	2059.4	1878.6	1677.7	1537.0	1376.3	1215.6
-47.5°	2396.0	2310.6	2210.1	2104.6	1984.1	1833.4	1667.6	1522.0	1376.3	1240.7	1085.0
-50°	2119.7	2039.3	1959.0	1868.5	1763.1	1632.5	1506.9	1371.3	1235.7	1105.1	959.4
-52.5°	1888.6	1818.3	1753.0	1677.7	1577.2	1466.7	1351.2	1230.6	1105.1	974.5	858.9
-55°	1727.9	1647.5	1582.2	1506.9	1416.5	1311.0	1205.5	1095.0	974.5	874.0	778.6
-57.5°	1597.3	1506.9	1431.5	1351.2	1260.8	1170.4	1074.9	974.5	884.0	788.6	698.2
-60°	1486.8	1381.3	1295.9	1215.6	1130.2	1044.8	964.4	879.0	793.6	708.2	617.8
-62.5°	1371.3	1260.8	1155.3	1079.9	1014.6	939.3	869.0	788.6	713.3	627.9	562.6
-65°	1240.7	1135.2	1034.7	969.4	909.2	843.9	778.6	708.2	642.9	577.6	517.4
-67.5°	1095.0	1004.6	934.3	874.0	813.7	758.5	698.2	637.9	582.7	517.4	457.1
-70°	919.2	869.0	828.8	783.6	728.3	678.1	622.8	567.6	507.3	452.1	396.8
-72.5°	783.6	753.4	723.3	678.1	627.9	582.7	537.5	487.2	437.0	386.8	341.6
-75°	642.9	617.8	592.7	562.6	522.4	487.2	447.0	401.8	361.7	326.5	291.3
-77.5°	517.4	497.3	482.2	457.1	427.0	396.8	371.7	341.6	311.4	276.3	241.1
-80°	411.9	401.8	396.8	386.8	361.7	336.5	316.4	291.3	261.2	236.1	211.0
-82.5°	321.5	321.5	316.4	311.4	291.3	271.2	256.2	236.1	216.0	195.9	170.8
-85°	236.1	231.1	231.1	226.0	211.0	200.9	185.9	175.8	160.7	140.6	130.6
-87.5°	140.6	135.6	130.6	125.6	115.5	110.5	100.5	95.4	85.4	75.3	70.3
-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: P722470

CATALOG NUMBER: IFLD-M-SA4D-735-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°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	0.0	0.0
85°	15.1	10.0	10.0	10.0	10.0	10.0	5.0	5.0	5.0	5.0	5.0
82.5°	30.1	30.1	25.1	25.1	20.1	15.1	10.0	10.0	10.0	5.0	5.0
80°	45.2	45.2	45.2	40.2	35.2	25.1	20.1	15.1	10.0	5.0	5.0
77.5°	55.3	50.2	50.2	45.2	45.2	40.2	30.1	25.1	15.1	10.0	5.0
75°	55.3	55.3	55.3	50.2	50.2	45.2	40.2	30.1	25.1	15.1	10.0
72.5°	60.3	55.3	55.3	55.3	50.2	45.2	40.2	35.2	30.1	20.1	10.0
70°	55.3	55.3	55.3	55.3	50.2	50.2	40.2	35.2	35.2	20.1	15.1
67.5°	55.3	55.3	55.3	50.2	50.2	45.2	40.2	35.2	35.2	25.1	15.1
65°	60.3	55.3	55.3	55.3	50.2	45.2	40.2	35.2	35.2	30.1	20.1
62.5°	65.3	60.3	60.3	55.3	50.2	45.2	40.2	35.2	35.2	30.1	20.1
60°	70.3	65.3	60.3	60.3	55.3	50.2	40.2	40.2	35.2	30.1	20.1
57.5°	75.3	70.3	70.3	65.3	60.3	55.3	45.2	40.2	35.2	30.1	25.1
55°	90.4	80.4	75.3	75.3	70.3	60.3	50.2	40.2	35.2	30.1	25.1
52.5°	120.6	95.4	85.4	85.4	80.4	70.3	55.3	45.2	35.2	30.1	25.1
50°	190.9	120.6	100.5	90.4	90.4	80.4	65.3	50.2	35.2	30.1	25.1
47.5°	301.4	200.9	120.6	105.5	100.5	95.4	75.3	50.2	40.2	30.1	25.1
45°	497.3	296.4	195.9	125.6	105.5	100.5	85.4	55.3	40.2	35.2	25.1
42.5°	683.1	462.1	301.4	150.7	125.6	110.5	90.4	60.3	45.2	35.2	25.1
40°	1074.9	632.9	421.9	246.1	145.7	115.5	100.5	70.3	45.2	35.2	25.1
37.5°	1456.7	838.8	567.6	361.7	165.8	130.6	105.5	75.3	50.2	35.2	30.1
35°	1838.4	1175.4	703.2	482.2	221.0	155.7	110.5	80.4	50.2	35.2	30.1
32.5°	2180.0	1491.8	843.9	602.8	331.5	185.9	120.6	85.4	55.3	40.2	30.1
30°	2461.3	1783.2	1095.0	708.2	432.0	226.0	130.6	85.4	60.3	40.2	30.1
27.5°	2672.2	2009.2	1351.2	818.7	517.4	266.2	150.7	95.4	60.3	40.2	30.1
25°	2843.0	2185.0	1577.2	934.3	592.7	331.5	180.8	100.5	65.3	45.2	30.1
22.5°	2978.6	2330.7	1763.1	1090.0	683.1	396.8	221.0	110.5	65.3	45.2	30.1
20°	3164.5	2476.3	1888.6	1255.7	778.6	457.1	256.2	120.6	65.3	45.2	35.2
17.5°	3325.2	2622.0	1989.1	1396.4	874.0	502.3	296.4	130.6	70.3	45.2	35.2
15°	3511.1	2762.6	2079.5	1506.9	964.4	542.5	331.5	140.6	70.3	50.2	35.2
12.5°	3712.0	2893.2	2144.8	1597.3	1059.8	577.6	361.7	160.7	75.3	50.2	35.2
10°	3917.9	3003.7	2200.1	1662.6	1130.2	612.8	381.7	180.8	80.4	50.2	35.2
7.5°	4123.9	3104.2	2270.4	1692.7	1160.3	653.0	391.8	200.9	80.4	55.3	35.2
5°	4264.5	3169.5	2370.8	1712.8	1175.4	698.2	406.9	226.0	85.4	55.3	35.2
2.5°	4385.1	3209.7	2476.3	1727.9	1180.4	723.3	401.8	241.1	90.4	55.3	35.2
0°	4440.3	3209.7	2546.6	1717.9	1165.3	748.4	401.8	256.2	90.4	55.3	35.2
-2.5°	4354.9	3300.1	2526.6	1722.9	1170.4	748.4	421.9	261.2	100.5	60.3	35.2
-5°	4219.3	3335.3	2466.3	1697.8	1160.3	748.4	447.0	266.2	105.5	60.3	40.2
-7.5°	4088.7	3350.3	2396.0	1672.7	1145.2	728.3	452.1	261.2	115.5	65.3	40.2
-10°	3917.9	3184.6	2305.5	1627.4	1115.1	713.3	462.1	261.2	120.6	65.3	40.2
-12.5°	3722.0	2983.6	2195.0	1562.1	1079.9	698.2	467.1	261.2	125.6	70.3	40.2
-15°	3496.0	2777.7	2069.5	1491.8	1029.7	678.1	457.1	256.2	130.6	70.3	45.2
-17.5°	3239.8	2576.8	1938.9	1406.4	974.5	653.0	437.0	251.1	130.6	70.3	45.2
-20°	2948.5	2375.9	1793.2	1321.0	909.2	622.8	416.9	241.1	130.6	70.3	45.2

REPORT NUMBER: P722470

CATALOG NUMBER: IFLD-M-SA4D-735-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2687.3	2190.0	1642.5	1225.6	838.8	587.7	391.8	231.1	130.6	75.3	45.2
-25°	2471.3	2009.2	1527.0	1130.2	763.5	547.5	366.7	221.0	130.6	75.3	45.2
-27.5°	2245.3	1813.3	1406.4	1039.8	713.3	512.3	341.6	211.0	125.6	75.3	45.2
-30°	2014.2	1622.4	1280.9	939.3	663.0	477.2	321.5	195.9	125.6	75.3	45.2
-32.5°	1803.2	1466.7	1165.3	838.8	607.8	442.0	301.4	190.9	120.6	75.3	45.2
-35°	1597.3	1326.1	1044.8	758.5	547.5	406.9	281.3	185.9	120.6	75.3	45.2
-37.5°	1426.5	1195.5	934.3	703.2	512.3	376.7	261.2	175.8	115.5	75.3	45.2
-40°	1285.9	1074.9	828.8	642.9	482.2	346.6	241.1	170.8	115.5	75.3	45.2
-42.5°	1155.3	959.4	763.5	592.7	452.1	326.5	226.0	165.8	110.5	75.3	45.2
-45°	1039.8	858.9	698.2	547.5	416.9	301.4	216.0	155.7	105.5	75.3	50.2
-47.5°	924.2	788.6	637.9	507.3	381.7	271.2	205.9	150.7	100.5	70.3	50.2
-50°	833.8	713.3	587.7	462.1	346.6	261.2	195.9	140.6	100.5	70.3	50.2
-52.5°	753.4	642.9	532.4	416.9	316.4	246.1	185.9	130.6	95.4	70.3	50.2
-55°	678.1	577.6	477.2	371.7	296.4	231.1	170.8	120.6	95.4	70.3	50.2
-57.5°	602.8	517.4	421.9	336.5	271.2	216.0	160.7	120.6	95.4	70.3	50.2
-60°	542.5	462.1	381.7	311.4	251.1	195.9	145.7	115.5	90.4	70.3	50.2
-62.5°	492.3	416.9	346.6	281.3	231.1	175.8	140.6	115.5	90.4	70.3	45.2
-65°	442.0	376.7	311.4	256.2	205.9	165.8	135.6	110.5	90.4	70.3	45.2
-67.5°	391.8	331.5	281.3	226.0	190.9	160.7	130.6	110.5	85.4	65.3	45.2
-70°	341.6	291.3	246.1	211.0	180.8	150.7	125.6	105.5	85.4	60.3	40.2
-72.5°	301.4	256.2	221.0	195.9	170.8	145.7	120.6	100.5	80.4	55.3	35.2
-75°	256.2	226.0	200.9	175.8	155.7	135.6	115.5	90.4	70.3	50.2	35.2
-77.5°	216.0	195.9	175.8	160.7	140.6	120.6	100.5	80.4	65.3	45.2	30.1
-80°	185.9	170.8	155.7	140.6	125.6	105.5	90.4	70.3	55.3	40.2	25.1
-82.5°	150.7	140.6	125.6	115.5	105.5	90.4	75.3	60.3	40.2	30.1	20.1
-85°	115.5	105.5	100.5	90.4	80.4	65.3	50.2	40.2	30.1	20.1	10.0
-87.5°	60.3	55.3	50.2	45.2	40.2	30.1	25.1	20.1	15.1	10.0	5.0
-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: P722470

CATALOG NUMBER: IFLD-M-SA4D-735-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°	5.0	0.0	0.0	0.0
77.5°	5.0	0.0	0.0	0.0
75°	5.0	5.0	0.0	0.0
72.5°	5.0	5.0	0.0	0.0
70°	5.0	5.0	0.0	0.0
67.5°	10.0	5.0	0.0	0.0
65°	10.0	5.0	0.0	0.0
62.5°	10.0	5.0	0.0	0.0
60°	10.0	5.0	0.0	0.0
57.5°	15.1	5.0	5.0	0.0
55°	15.1	5.0	5.0	0.0
52.5°	15.1	5.0	5.0	0.0
50°	15.1	10.0	5.0	0.0
47.5°	15.1	10.0	5.0	0.0
45°	15.1	10.0	5.0	0.0
42.5°	15.1	10.0	5.0	0.0
40°	20.1	10.0	5.0	0.0
37.5°	20.1	10.0	5.0	0.0
35°	20.1	10.0	5.0	0.0
32.5°	20.1	10.0	5.0	0.0
30°	20.1	10.0	5.0	0.0
27.5°	20.1	15.1	5.0	0.0
25°	20.1	15.1	5.0	0.0
22.5°	25.1	15.1	5.0	0.0
20°	25.1	15.1	5.0	0.0
17.5°	25.1	15.1	5.0	0.0
15°	25.1	15.1	5.0	0.0
12.5°	25.1	15.1	5.0	0.0
10°	25.1	15.1	5.0	0.0
7.5°	25.1	15.1	5.0	0.0
5°	25.1	15.1	5.0	0.0
2.5°	25.1	15.1	5.0	0.0
0°	25.1	15.1	5.0	0.0
-2.5°	25.1	15.1	5.0	0.0
-5°	25.1	15.1	5.0	0.0
-7.5°	25.1	15.1	5.0	0.0
-10°	25.1	15.1	5.0	0.0
-12.5°	30.1	15.1	5.0	0.0
-15°	30.1	15.1	5.0	0.0
-17.5°	30.1	15.1	5.0	0.0
-20°	30.1	15.1	5.0	0.0

REPORT NUMBER: P722470

CATALOG NUMBER: IFLD-M-SA4D-735-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	30.1	15.1	5.0	0.0
-25°	30.1	15.1	5.0	0.0
-27.5°	30.1	15.1	5.0	0.0
-30°	30.1	15.1	5.0	0.0
-32.5°	30.1	15.1	5.0	0.0
-35°	30.1	15.1	5.0	0.0
-37.5°	30.1	15.1	5.0	0.0
-40°	30.1	15.1	5.0	0.0
-42.5°	25.1	15.1	5.0	0.0
-45°	30.1	15.1	5.0	0.0
-47.5°	30.1	15.1	5.0	0.0
-50°	30.1	15.1	5.0	0.0
-52.5°	30.1	15.1	5.0	0.0
-55°	30.1	15.1	5.0	0.0
-57.5°	30.1	15.1	5.0	0.0
-60°	30.1	15.1	5.0	0.0
-62.5°	25.1	15.1	5.0	0.0
-65°	25.1	10.0	5.0	0.0
-67.5°	25.1	10.0	5.0	0.0
-70°	25.1	10.0	5.0	0.0
-72.5°	20.1	10.0	5.0	0.0
-75°	20.1	10.0	5.0	0.0
-77.5°	15.1	5.0	0.0	0.0
-80°	15.1	5.0	0.0	0.0
-82.5°	10.0	5.0	0.0	0.0
-85°	5.0	5.0	0.0	0.0
-87.5°	5.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)