

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: P722731

Luminaire Tested: **IFLD-M-SA4D-940-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722731
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4D-940-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (64) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	23115.1 lumens	Max Intensity:	16136.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	92.6 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:	14746.4 lumens	Field Lumens:	21792.3 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

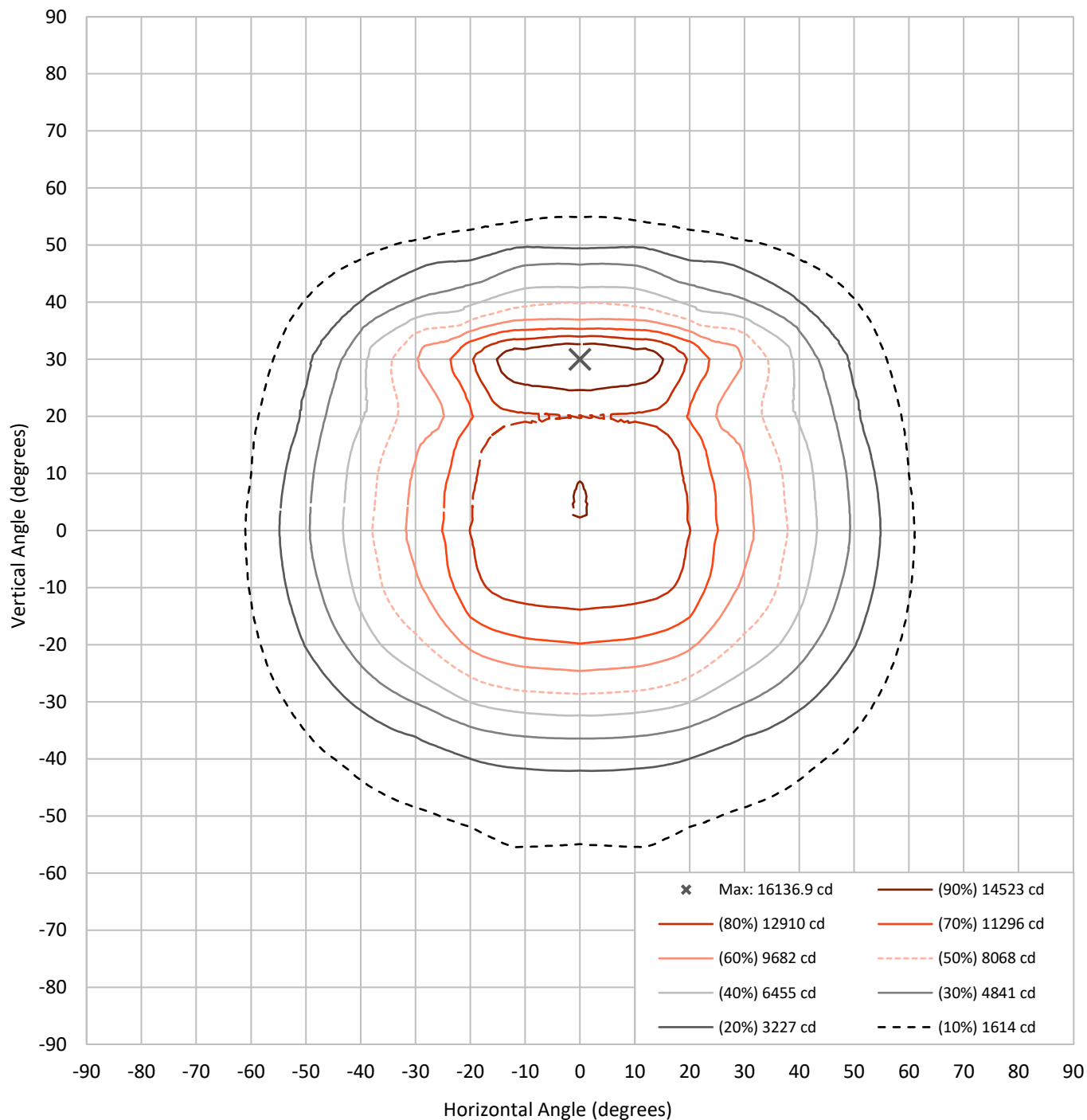
Input Watts (W): 249.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P722731

CATALOG NUMBER: IFLD-M-SA4D-940-U-76-VI

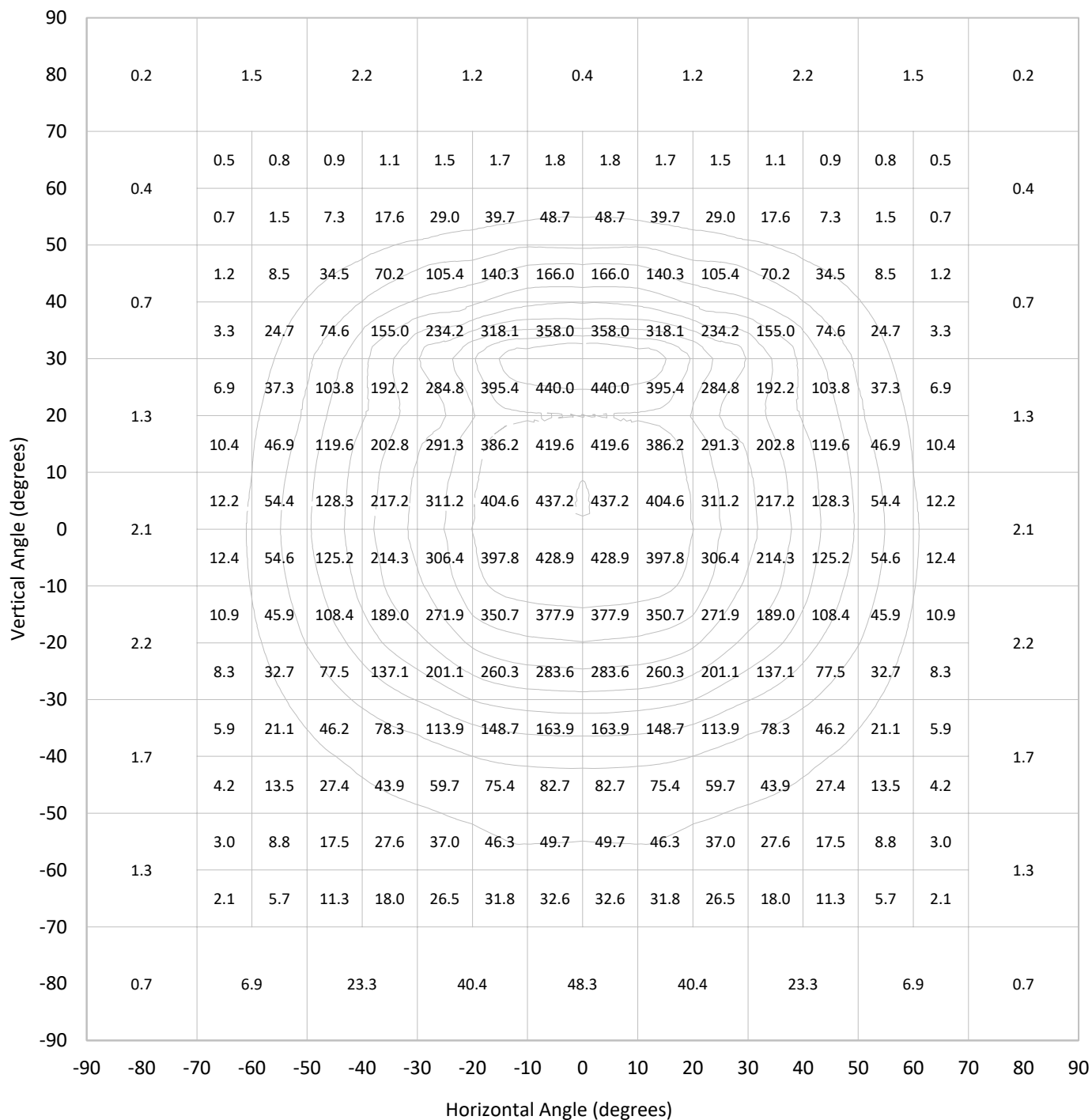
Iso-Candela Plot



REPORT NUMBER: P722731

CATALOG NUMBER: IFLD-M-SA4D-940-U-76-VI

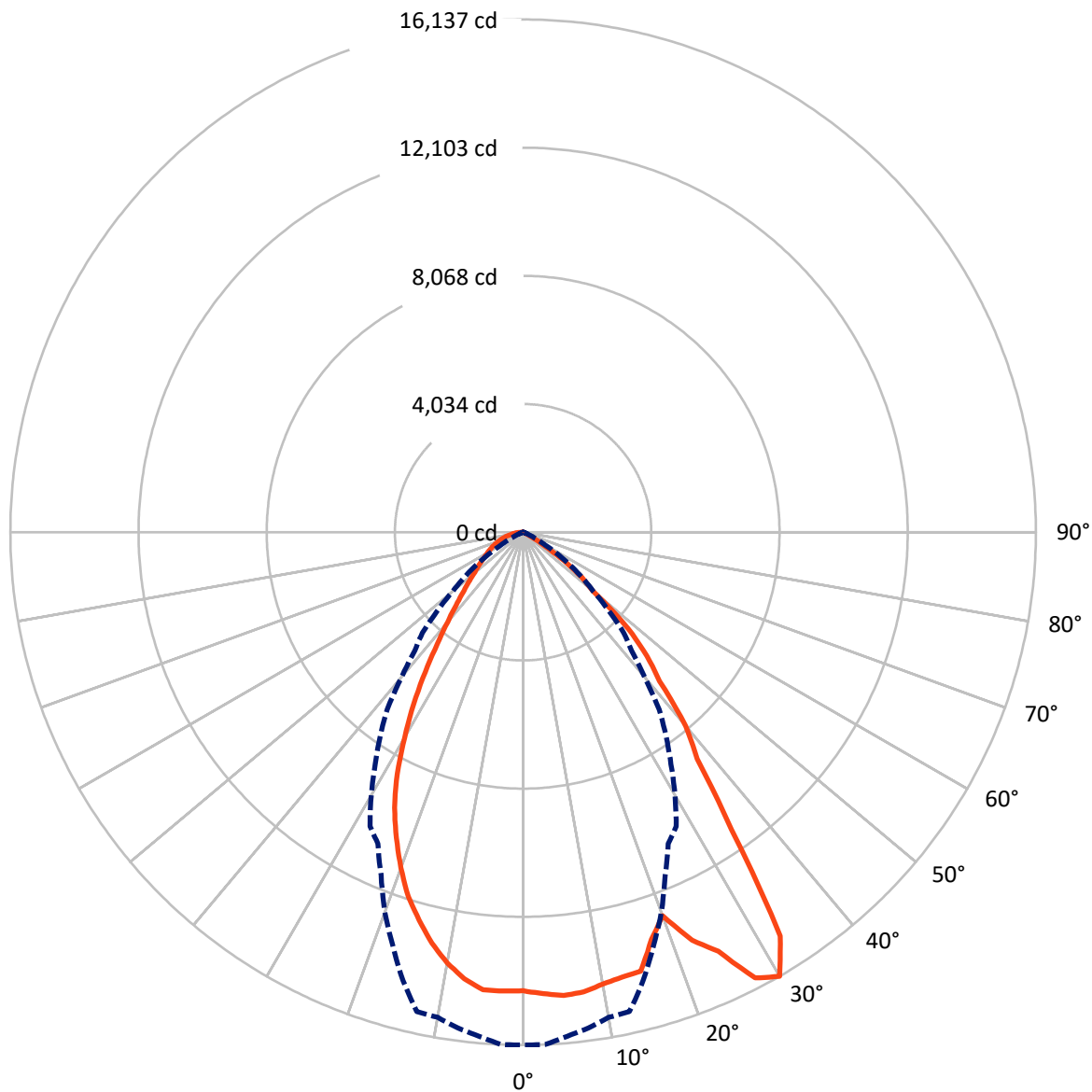
Lumen Table



REPORT NUMBER: P722731

CATALOG NUMBER: IFLD-M-SA4D-940-U-76-VI

Luminous Intensity Polar Plot



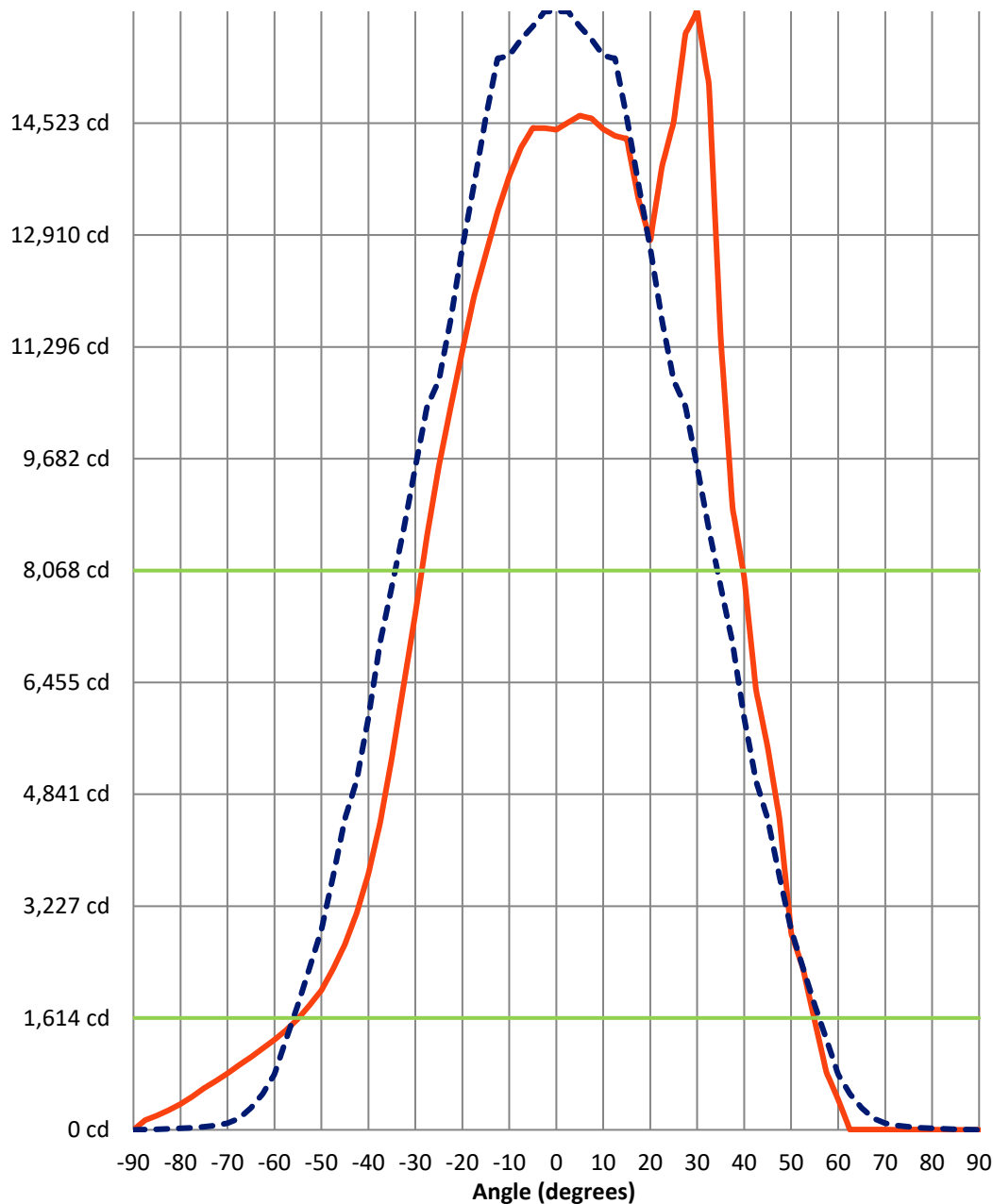
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

REPORT NUMBER: P722731

CATALOG NUMBER: IFLD-M-SA4D-940-U-76-VI

Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 14746.4

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 21792.3

Efficiency: 94.3%

Spill:

Lumens: 1322.7

Efficiency: 5.7%

— Vertical Distribution through 0-Deg

- - - Horizontal Distribution through 30-Deg

REPORT NUMBER: P722731

CATALOG NUMBER: IFLD-M-SA4D-940-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	3.7	3.7	3.7	3.7	3.7	3.7	3.7
85°	0.0	3.7	3.7	3.7	7.4	7.4	7.4	7.4	7.4	7.4	11.0
82.5°	0.0	3.7	3.7	3.7	7.4	7.4	7.4	7.4	11.0	11.0	14.7
80°	3.7	3.7	3.7	3.7	7.4	7.4	7.4	11.0	11.0	14.7	14.7
77.5°	3.7	3.7	3.7	7.4	7.4	7.4	11.0	11.0	14.7	14.7	18.4
75°	3.7	3.7	3.7	7.4	7.4	11.0	11.0	11.0	14.7	14.7	18.4
72.5°	0.0	3.7	3.7	7.4	7.4	11.0	11.0	11.0	14.7	14.7	14.7
70°	3.7	3.7	3.7	7.4	7.4	11.0	11.0	11.0	14.7	14.7	14.7
67.5°	3.7	3.7	3.7	7.4	7.4	11.0	11.0	14.7	14.7	14.7	18.4
65°	3.7	3.7	3.7	7.4	11.0	11.0	14.7	18.4	18.4	22.1	25.8
62.5°	3.7	7.4	7.4	11.0	14.7	18.4	40.5	62.6	62.6	44.2	36.8
60°	437.9	474.7	471.0	426.9	371.7	312.8	301.8	290.7	268.6	235.5	246.6
57.5°	831.7	875.8	894.2	883.2	853.8	802.2	772.8	739.7	695.5	644.0	585.1
55°	1575.0	1593.4	1553.0	1475.7	1391.0	1306.4	1277.0	1232.8	1166.6	1100.3	1012.0
52.5°	2329.5	2392.0	2373.6	2296.3	2182.3	2031.4	1865.8	1737.0	1659.7	1586.1	1497.8
50°	2844.7	2870.4	2921.9	3013.9	3047.1	2944.0	2675.4	2329.5	2082.9	2208.0	2112.3
47.5°	4489.6	4618.4	4592.7	4526.4	4416.0	4136.3	3761.0	3451.9	3194.3	3109.6	3124.3
45°	5516.3	5567.9	5549.5	5520.0	5468.5	5207.2	4791.4	4316.7	4077.5	3981.8	3882.4
42.5°	6359.1	6414.3	6425.3	6429.0	6373.8	6134.6	5759.2	5284.5	5045.3	4769.3	4552.2
40°	7967.2	8048.2	7956.2	7834.8	7650.8	7378.4	7010.4	6572.5	6149.3	5810.7	5553.1
37.5°	8994.0	9093.3	9130.1	9122.8	9082.3	8964.5	8511.9	8096.0	7448.4	6690.3	6826.4
35°	11430.1	11533.2	11503.7	11393.3	11334.5	11209.3	10767.7	10274.6	9461.3	8637.0	8416.2
32.5°	15062.3	15286.8	14867.3	14407.3	14123.9	14223.3	13774.3	12567.3	12191.9	10705.2	10017.0
30°	16136.9	16133.2	15919.8	15732.1	15500.2	15452.4	14606.0	13641.8	12721.8	11680.4	10811.9
27.5°	15809.4	15743.1	15562.8	15426.6	15209.5	15095.4	14267.4	13502.0	12438.5	11507.4	10668.4
25°	14547.1	14598.6	14414.6	14388.9	14304.2	14083.4	13671.3	12810.1	11860.7	10830.3	10226.8
22.5°	13895.7	13877.3	13656.5	13527.7	13630.8	13395.3	13229.7	12361.2	11371.3	10502.8	9777.8
20°	12835.9	12839.6	12784.4	12773.3	12710.8	12604.1	12471.6	11857.0	11157.8	10414.5	9542.3
17.5°	13428.4	13579.3	13645.5	13097.2	13251.7	13130.3	12990.5	12133.0	11606.8	10948.1	9810.9
15°	14296.9	14241.7	14175.4	14146.0	14061.3	13947.3	13693.3	13008.9	12103.6	11422.8	10535.9
12.5°	14341.0	14234.3	14208.5	14204.9	14116.5	13958.3	13711.7	13145.0	12342.8	11514.8	10793.5
10°	14436.7	14326.3	14311.6	14330.0	14193.8	14094.5	13847.9	13321.7	12416.4	11673.0	10992.2
7.5°	14591.3	14407.3	14491.9	14436.7	14374.2	14215.9	13950.9	13435.7	12685.0	11882.8	11168.9
5°	14631.8	14429.4	14521.4	14469.8	14377.8	14223.3	13936.2	13509.3	12850.6	11967.4	11238.8
2.5°	14532.4	14473.5	14433.0	14337.4	14296.9	14127.6	13855.3	13398.9	12773.3	11930.6	11224.1
0°	14429.4	14480.9	14388.9	14293.2	14274.8	14138.6	13906.8	13494.6	12953.7	12033.7	11349.2
-2.5°	14451.4	14411.0	14348.4	14249.0	14153.3	13958.3	13748.5	13362.1	12780.7	11809.2	11172.5
-5°	14451.4	14263.8	14271.1	14274.8	14179.1	13976.7	13722.8	13395.3	12677.7	11805.5	11121.0
-7.5°	14171.7	14009.8	13984.1	13962.0	13936.2	13748.5	13549.8	13141.3	12504.7	11709.8	10977.5
-10°	13759.6	13601.3	13616.1	13582.9	13502.0	13376.9	13226.0	12858.0	12335.4	11408.1	10686.8
-12.5°	13244.4	13174.5	13134.0	13078.8	12997.8	12887.4	12732.9	12386.9	11827.6	11036.4	10351.9
-15°	12633.5	12582.0	12545.2	12512.1	12394.3	12280.2	12077.8	11757.7	11408.1	10558.0	9858.8
-17.5°	12022.6	11893.8	11842.3	11798.1	11720.9	11536.9	11352.9	11113.7	10624.2	9950.8	9350.9
-20°	11238.8	11161.5	11098.9	11040.1	10929.7	10786.1	10635.3	10359.3	9936.0	9391.4	8769.5

REPORT NUMBER: P722731

CATALOG NUMBER: IFLD-M-SA4D-940-U-76-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	10418.1	10374.0	10322.5	10248.9	10175.3	10039.1	9829.3	9564.4	9233.2	8644.4	8062.9
-25°	9571.7	9487.1	9424.5	9354.6	9295.7	9170.6	8968.2	8714.3	8298.4	7790.6	7304.8
-27.5°	8574.4	8493.5	8460.4	8379.4	8327.9	8213.8	8011.4	7775.9	7400.5	6973.6	6480.5
-30°	7448.4	7463.1	7426.3	7349.0	7286.4	7139.2	6984.7	6786.0	6491.6	6083.1	5641.5
-32.5°	6406.9	6425.3	6381.2	6300.2	6219.2	6112.5	5969.0	5788.7	5567.9	5177.8	4795.1
-35°	5365.5	5358.1	5321.3	5273.5	5218.3	5129.9	4968.0	4831.9	4577.9	4305.6	4040.7
-37.5°	4430.7	4449.1	4438.1	4412.3	4349.8	4276.2	4143.7	4018.6	3830.9	3591.7	3385.6
-40°	3691.1	3713.1	3698.4	3672.7	3617.5	3573.3	3485.0	3374.6	3223.7	3017.6	2844.7
-42.5°	3124.3	3139.1	3120.7	3098.6	3050.7	3017.6	2947.7	2855.7	2730.6	2572.3	2417.8
-45°	2675.4	2679.1	2660.7	2645.9	2609.1	2568.7	2509.8	2436.2	2336.8	2226.4	2101.3
-47.5°	2322.1	2318.4	2300.0	2285.3	2255.9	2219.1	2171.2	2105.0	2027.7	1943.0	1843.7
-50°	2013.0	2031.4	2024.0	2009.3	1987.2	1961.4	1913.6	1843.7	1766.4	1703.8	1633.9
-52.5°	1799.5	1803.2	1799.5	1799.5	1795.8	1777.4	1722.2	1652.3	1567.7	1512.5	1453.6
-55°	1600.8	1619.2	1626.6	1633.9	1637.6	1637.6	1571.4	1497.8	1416.8	1361.6	1317.4
-57.5°	1438.9	1449.9	1457.3	1475.7	1490.4	1501.4	1442.6	1376.3	1313.8	1262.2	1221.8
-60°	1299.0	1313.8	1324.8	1343.2	1354.2	1361.6	1324.8	1280.6	1243.8	1210.7	1151.8
-62.5°	1173.9	1185.0	1196.0	1207.0	1218.1	1225.4	1210.7	1188.6	1170.2	1155.5	1081.9
-65°	1048.8	1059.8	1070.9	1085.6	1096.6	1104.0	1100.3	1085.6	1070.9	1056.2	989.9
-67.5°	934.7	945.8	960.5	964.2	971.5	975.2	967.8	956.8	938.4	920.0	868.5
-70°	813.3	820.6	828.0	828.0	828.0	824.3	817.0	802.2	783.8	758.1	717.6
-72.5°	702.9	710.2	717.6	706.6	699.2	688.2	677.1	658.7	640.3	621.9	599.8
-75°	599.8	603.5	603.5	588.8	577.8	566.7	552.0	541.0	522.6	507.8	489.4
-77.5°	478.4	478.4	478.4	467.4	460.0	452.6	441.6	430.6	415.8	404.8	390.1
-80°	371.7	371.7	371.7	368.0	357.0	349.6	342.2	334.9	323.8	316.5	309.1
-82.5°	283.4	283.4	283.4	279.7	272.3	268.6	261.3	253.9	250.2	242.9	239.2
-85°	206.1	209.8	209.8	206.1	202.4	195.0	191.4	187.7	184.0	180.3	173.0
-87.5°	139.8	139.8	139.8	136.2	132.5	132.5	128.8	121.4	114.1	110.4	106.7
-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: P722731

CATALOG NUMBER: IFLD-M-SA4D-940-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°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
85°	11.0	11.0	11.0	14.7	14.7	14.7	14.7	14.7	14.7	14.7	11.0
82.5°	18.4	18.4	22.1	22.1	25.8	25.8	25.8	25.8	25.8	25.8	25.8
80°	18.4	22.1	25.8	29.4	33.1	36.8	36.8	36.8	36.8	33.1	33.1
77.5°	22.1	22.1	25.8	29.4	33.1	36.8	40.5	44.2	40.5	40.5	40.5
75°	22.1	25.8	25.8	29.4	33.1	36.8	40.5	44.2	44.2	44.2	44.2
72.5°	18.4	22.1	25.8	29.4	29.4	33.1	36.8	36.8	40.5	40.5	44.2
70°	18.4	22.1	25.8	25.8	29.4	29.4	33.1	36.8	36.8	40.5	40.5
67.5°	22.1	25.8	25.8	29.4	33.1	33.1	33.1	36.8	36.8	40.5	40.5
65°	25.8	29.4	29.4	33.1	36.8	36.8	40.5	40.5	40.5	44.2	44.2
62.5°	44.2	44.2	44.2	40.5	44.2	44.2	44.2	47.8	47.8	44.2	47.8
60°	228.2	165.6	114.1	143.5	128.8	58.9	58.9	58.9	55.2	55.2	51.5
57.5°	537.3	500.5	430.6	364.3	327.5	290.7	180.3	73.6	73.6	66.2	58.9
55°	897.9	776.5	725.0	636.6	541.0	496.8	412.2	279.7	132.5	88.3	77.3
52.5°	1391.0	1277.0	1144.5	964.2	835.4	732.3	662.4	526.2	353.3	187.7	117.8
50°	1862.1	1810.6	1729.6	1553.0	1284.3	1111.4	997.3	842.7	633.0	386.4	220.8
47.5°	2999.2	2568.7	2307.4	2171.2	1946.7	1619.2	1398.4	1225.4	971.5	651.4	390.1
45°	3775.7	3503.4	3087.5	2800.5	2469.3	2123.4	1836.3	1637.6	1335.8	975.2	610.9
42.5°	4441.8	4206.3	3830.9	3411.4	3061.8	2609.1	2241.1	1979.8	1725.9	1332.2	912.6
40°	5299.2	5019.5	4658.9	4250.4	3841.9	3264.2	2668.0	2351.5	2071.9	1722.2	1232.8
37.5°	6712.4	6219.2	5630.4	5177.8	4644.2	4154.7	3337.8	2778.4	2447.2	2082.9	1608.2
35°	8412.5	7871.6	6889.0	6289.2	5575.2	4846.6	4110.6	3282.6	2811.5	2425.1	1954.1
32.5°	9994.9	9203.7	7945.2	7242.3	6767.6	5424.3	4662.6	3945.0	3186.9	2712.2	2152.8
30°	10432.9	9560.7	8659.1	7838.4	7028.8	5943.2	5041.6	4482.3	3657.9	2885.1	2340.5
27.5°	9991.2	9391.4	8692.2	7930.4	7054.6	6123.6	5273.5	4739.9	4003.9	3002.9	2487.7
25°	9542.3	8916.7	8427.2	7790.6	6981.0	6112.5	5280.8	4901.8	4272.5	3231.1	2568.7
22.5°	9067.6	8677.5	8272.7	7562.4	6797.0	6145.6	5520.0	5041.6	4412.3	3488.7	2601.8
20°	9093.3	8839.4	8394.1	7444.7	6763.9	6340.7	5807.1	5218.3	4563.2	3713.1	2627.5
17.5°	9505.5	9174.3	8614.9	7790.6	7062.0	6539.4	6046.3	5461.1	4717.8	3911.9	2940.3
15°	10013.3	9509.2	8924.0	8199.1	7374.8	6756.5	6230.3	5630.4	4894.4	4095.9	3220.0
12.5°	10381.3	9663.7	9115.4	8460.4	7713.3	6992.0	6351.7	5759.2	5060.0	4246.7	3429.8
10°	10506.5	9855.1	9207.4	8622.3	7886.3	7117.2	6443.7	5840.2	5203.5	4364.5	3584.3
7.5°	10572.7	10020.7	9270.0	8695.9	7989.3	7194.4	6517.3	5884.3	5317.6	4445.5	3683.7
5°	10565.3	10109.0	9317.8	8718.0	8044.5	7227.6	6568.8	5895.4	5398.6	4515.4	3742.6
2.5°	10532.2	10167.9	9395.1	8754.8	8154.9	7290.1	6668.2	5917.5	5428.0	4592.7	3783.1
0°	10653.7	10171.6	9476.0	8765.8	8228.5	7312.2	6712.4	5899.1	5387.5	4614.7	3779.4
-2.5°	10392.4	9954.4	9457.6	8670.1	8129.2	7260.7	6631.4	5840.2	5299.2	4589.0	3764.7
-5°	10348.2	9796.2	9303.1	8581.8	7963.6	7154.0	6480.5	5729.8	5159.4	4504.3	3705.8
-7.5°	10230.5	9645.3	9152.2	8511.9	7809.0	7043.6	6337.0	5615.7	5008.5	4371.9	3621.1
-10°	9972.8	9413.5	8990.3	8361.0	7621.3	6885.3	6164.0	5464.8	4831.9	4191.5	3488.7
-12.5°	9604.8	9045.5	8626.0	8040.8	7385.8	6671.9	5957.9	5269.8	4629.5	4000.2	3330.4
-15°	9189.0	8622.3	8202.8	7669.2	7036.2	6340.7	5696.7	5023.2	4397.6	3797.8	3142.7
-17.5°	8718.0	8180.7	7775.9	7257.0	6627.7	5965.3	5325.0	4714.1	4129.0	3588.0	2925.6
-20°	8173.3	7650.8	7279.1	6760.2	6182.4	5538.4	4916.5	4338.7	3812.5	3304.7	2686.4

REPORT NUMBER: P722731

CATALOG NUMBER: IFLD-M-SA4D-940-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°	7499.9	7039.9	6616.7	6153.0	5648.8	5060.0	4482.3	3970.7	3466.6	2969.8	2439.9
-25°	6811.7	6366.4	5954.3	5531.1	5049.0	4541.1	4048.0	3584.3	3091.2	2642.3	2200.7
-27.5°	6046.3	5648.8	5280.8	4890.7	4449.1	4011.2	3606.4	3153.8	2726.9	2344.2	1965.1
-30°	5229.3	4905.5	4585.3	4239.4	3882.4	3514.4	3153.8	2726.9	2392.0	2086.6	1766.4
-32.5°	4445.5	4154.7	3897.1	3639.5	3330.4	3028.7	2708.5	2392.0	2112.3	1843.7	1575.0
-35°	3757.3	3448.2	3304.7	3098.6	2852.0	2579.7	2318.4	2097.6	1873.1	1630.2	1391.0
-37.5°	3161.1	2962.4	2793.1	2638.6	2443.5	2208.0	2020.3	1840.0	1652.3	1431.5	1225.4
-40°	2693.8	2550.3	2381.0	2266.9	2108.7	1939.4	1751.7	1600.8	1442.6	1262.2	1093.0
-42.5°	2318.4	2200.7	2090.3	1968.8	1851.0	1707.5	1545.6	1402.1	1258.6	1126.1	986.2
-45°	2009.3	1924.6	1836.3	1737.0	1633.9	1508.8	1376.3	1229.1	1126.1	1008.3	890.6
-47.5°	1755.4	1692.8	1619.2	1541.9	1453.6	1343.2	1221.8	1115.0	1008.3	909.0	794.9
-50°	1553.0	1494.1	1435.2	1369.0	1291.7	1196.0	1104.0	1004.6	905.3	809.6	702.9
-52.5°	1383.7	1332.2	1284.3	1229.1	1155.5	1074.6	989.9	901.6	809.6	713.9	629.3
-55°	1265.9	1207.0	1159.2	1104.0	1037.8	960.5	883.2	802.2	713.9	640.3	570.4
-57.5°	1170.2	1104.0	1048.8	989.9	923.7	857.4	787.5	713.9	647.7	577.8	511.5
-60°	1089.3	1012.0	949.4	890.6	828.0	765.4	706.6	644.0	581.4	518.9	452.6
-62.5°	1004.6	923.7	846.4	791.2	743.4	688.2	636.6	577.8	522.6	460.0	412.2
-65°	909.0	831.7	758.1	710.2	666.1	618.2	570.4	518.9	471.0	423.2	379.0
-67.5°	802.2	736.0	684.5	640.3	596.2	555.7	511.5	467.4	426.9	379.0	334.9
-70°	673.4	636.6	607.2	574.1	533.6	496.8	456.3	415.8	371.7	331.2	290.7
-72.5°	574.1	552.0	529.9	496.8	460.0	426.9	393.8	357.0	320.2	283.4	250.2
-75°	471.0	452.6	434.2	412.2	382.7	357.0	327.5	294.4	265.0	239.2	213.4
-77.5°	379.0	364.3	353.3	334.9	312.8	290.7	272.3	250.2	228.2	202.4	176.6
-80°	301.8	294.4	290.7	283.4	265.0	246.6	231.8	213.4	191.4	173.0	154.6
-82.5°	235.5	235.5	231.8	228.2	213.4	198.7	187.7	173.0	158.2	143.5	125.1
-85°	173.0	169.3	169.3	165.6	154.6	147.2	136.2	128.8	117.8	103.0	95.7
-87.5°	103.0	99.4	95.7	92.0	84.6	81.0	73.6	69.9	62.6	55.2	51.5
-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: P722731

CATALOG NUMBER: IFLD-M-SA4D-940-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°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	0.0	0.0
85°	11.0	7.4	7.4	7.4	7.4	7.4	3.7	3.7	3.7	3.7	3.7
82.5°	22.1	22.1	18.4	18.4	14.7	11.0	7.4	7.4	7.4	3.7	3.7
80°	33.1	33.1	33.1	29.4	25.8	18.4	14.7	11.0	7.4	3.7	3.7
77.5°	40.5	36.8	36.8	33.1	33.1	29.4	22.1	18.4	11.0	7.4	3.7
75°	40.5	40.5	40.5	36.8	36.8	33.1	29.4	22.1	18.4	11.0	7.4
72.5°	44.2	40.5	40.5	40.5	36.8	33.1	29.4	25.8	22.1	14.7	7.4
70°	40.5	40.5	40.5	40.5	36.8	36.8	29.4	25.8	25.8	14.7	11.0
67.5°	40.5	40.5	40.5	36.8	36.8	33.1	29.4	25.8	25.8	18.4	11.0
65°	44.2	40.5	40.5	40.5	36.8	33.1	29.4	25.8	25.8	22.1	14.7
62.5°	47.8	44.2	44.2	40.5	36.8	33.1	29.4	25.8	25.8	22.1	14.7
60°	51.5	47.8	44.2	44.2	40.5	36.8	29.4	29.4	25.8	22.1	14.7
57.5°	55.2	51.5	51.5	47.8	44.2	40.5	33.1	29.4	25.8	22.1	18.4
55°	66.2	58.9	55.2	55.2	51.5	44.2	36.8	29.4	25.8	22.1	18.4
52.5°	88.3	69.9	62.6	62.6	58.9	51.5	40.5	33.1	25.8	22.1	18.4
50°	139.8	88.3	73.6	66.2	66.2	58.9	47.8	36.8	25.8	22.1	18.4
47.5°	220.8	147.2	88.3	77.3	73.6	69.9	55.2	36.8	29.4	22.1	18.4
45°	364.3	217.1	143.5	92.0	77.3	73.6	62.6	40.5	29.4	25.8	18.4
42.5°	500.5	338.6	220.8	110.4	92.0	81.0	66.2	44.2	33.1	25.8	18.4
40°	787.5	463.7	309.1	180.3	106.7	84.6	73.6	51.5	33.1	25.8	18.4
37.5°	1067.2	614.6	415.8	265.0	121.4	95.7	77.3	55.2	36.8	25.8	22.1
35°	1346.9	861.1	515.2	353.3	161.9	114.1	81.0	58.9	36.8	25.8	22.1
32.5°	1597.1	1093.0	618.2	441.6	242.9	136.2	88.3	62.6	40.5	29.4	22.1
30°	1803.2	1306.4	802.2	518.9	316.5	165.6	95.7	62.6	44.2	29.4	22.1
27.5°	1957.8	1472.0	989.9	599.8	379.0	195.0	110.4	69.9	44.2	29.4	22.1
25°	2082.9	1600.8	1155.5	684.5	434.2	242.9	132.5	73.6	47.8	33.1	22.1
22.5°	2182.3	1707.5	1291.7	798.6	500.5	290.7	161.9	81.0	47.8	33.1	22.1
20°	2318.4	1814.2	1383.7	920.0	570.4	334.9	187.7	88.3	47.8	33.1	25.8
17.5°	2436.2	1921.0	1457.3	1023.0	640.3	368.0	217.1	95.7	51.5	33.1	25.8
15°	2572.3	2024.0	1523.5	1104.0	706.6	397.4	242.9	103.0	51.5	36.8	25.8
12.5°	2719.5	2119.7	1571.4	1170.2	776.5	423.2	265.0	117.8	55.2	36.8	25.8
10°	2870.4	2200.7	1611.8	1218.1	828.0	449.0	279.7	132.5	58.9	36.8	25.8
7.5°	3021.3	2274.3	1663.4	1240.2	850.1	478.4	287.0	147.2	58.9	40.5	25.8
5°	3124.3	2322.1	1737.0	1254.9	861.1	511.5	298.1	165.6	62.6	40.5	25.8
2.5°	3212.7	2351.5	1814.2	1265.9	864.8	529.9	294.4	176.6	66.2	40.5	25.8
0°	3253.1	2351.5	1865.8	1258.6	853.8	548.3	294.4	187.7	66.2	40.5	25.8
-2.5°	3190.6	2417.8	1851.0	1262.2	857.4	548.3	309.1	191.4	73.6	44.2	25.8
-5°	3091.2	2443.5	1806.9	1243.8	850.1	548.3	327.5	195.0	77.3	44.2	29.4
-7.5°	2995.5	2454.6	1755.4	1225.4	839.0	533.6	331.2	191.4	84.6	47.8	29.4
-10°	2870.4	2333.1	1689.1	1192.3	817.0	522.6	338.6	191.4	88.3	47.8	29.4
-12.5°	2726.9	2185.9	1608.2	1144.5	791.2	511.5	342.2	191.4	92.0	51.5	29.4
-15°	2561.3	2035.1	1516.2	1093.0	754.4	496.8	334.9	187.7	95.7	51.5	33.1
-17.5°	2373.6	1887.8	1420.5	1030.4	713.9	478.4	320.2	184.0	95.7	51.5	33.1
-20°	2160.2	1740.6	1313.8	967.8	666.1	456.3	305.4	176.6	95.7	51.5	33.1



REPORT NUMBER: P722731

CATALOG NUMBER: IFLD-M-SA4D-940-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1968.8	1604.5	1203.4	897.9	614.6	430.6	287.0	169.3	95.7	55.2	33.1
-25°	1810.6	1472.0	1118.7	828.0	559.4	401.1	268.6	161.9	95.7	55.2	33.1
-27.5°	1645.0	1328.5	1030.4	761.8	522.6	375.4	250.2	154.6	92.0	55.2	33.1
-30°	1475.7	1188.6	938.4	688.2	485.8	349.6	235.5	143.5	92.0	55.2	33.1
-32.5°	1321.1	1074.6	853.8	614.6	445.3	323.8	220.8	139.8	88.3	55.2	33.1
-35°	1170.2	971.5	765.4	555.7	401.1	298.1	206.1	136.2	88.3	55.2	33.1
-37.5°	1045.1	875.8	684.5	515.2	375.4	276.0	191.4	128.8	84.6	55.2	33.1
-40°	942.1	787.5	607.2	471.0	353.3	253.9	176.6	125.1	84.6	55.2	33.1
-42.5°	846.4	702.9	559.4	434.2	331.2	239.2	165.6	121.4	81.0	55.2	33.1
-45°	761.8	629.3	511.5	401.1	305.4	220.8	158.2	114.1	77.3	55.2	36.8
-47.5°	677.1	577.8	467.4	371.7	279.7	198.7	150.9	110.4	73.6	51.5	36.8
-50°	610.9	522.6	430.6	338.6	253.9	191.4	143.5	103.0	73.6	51.5	36.8
-52.5°	552.0	471.0	390.1	305.4	231.8	180.3	136.2	95.7	69.9	51.5	36.8
-55°	496.8	423.2	349.6	272.3	217.1	169.3	125.1	88.3	69.9	51.5	36.8
-57.5°	441.6	379.0	309.1	246.6	198.7	158.2	117.8	88.3	69.9	51.5	36.8
-60°	397.4	338.6	279.7	228.2	184.0	143.5	106.7	84.6	66.2	51.5	36.8
-62.5°	360.6	305.4	253.9	206.1	169.3	128.8	103.0	84.6	66.2	51.5	33.1
-65°	323.8	276.0	228.2	187.7	150.9	121.4	99.4	81.0	66.2	51.5	33.1
-67.5°	287.0	242.9	206.1	165.6	139.8	117.8	95.7	81.0	62.6	47.8	33.1
-70°	250.2	213.4	180.3	154.6	132.5	110.4	92.0	77.3	62.6	44.2	29.4
-72.5°	220.8	187.7	161.9	143.5	125.1	106.7	88.3	73.6	58.9	40.5	25.8
-75°	187.7	165.6	147.2	128.8	114.1	99.4	84.6	66.2	51.5	36.8	25.8
-77.5°	158.2	143.5	128.8	117.8	103.0	88.3	73.6	58.9	47.8	33.1	22.1
-80°	136.2	125.1	114.1	103.0	92.0	77.3	66.2	51.5	40.5	29.4	18.4
-82.5°	110.4	103.0	92.0	84.6	77.3	66.2	55.2	44.2	29.4	22.1	14.7
-85°	84.6	77.3	73.6	66.2	58.9	47.8	36.8	29.4	22.1	14.7	7.4
-87.5°	44.2	40.5	36.8	33.1	29.4	22.1	18.4	14.7	11.0	7.4	3.7
-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: P722731

CATALOG NUMBER: IFLD-M-SA4D-940-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°	3.7	0.0	0.0	0.0
77.5°	3.7	0.0	0.0	0.0
75°	3.7	3.7	0.0	0.0
72.5°	3.7	3.7	0.0	0.0
70°	3.7	3.7	0.0	0.0
67.5°	7.4	3.7	0.0	0.0
65°	7.4	3.7	0.0	0.0
62.5°	7.4	3.7	0.0	0.0
60°	7.4	3.7	0.0	0.0
57.5°	11.0	3.7	3.7	0.0
55°	11.0	3.7	3.7	0.0
52.5°	11.0	3.7	3.7	0.0
50°	11.0	7.4	3.7	0.0
47.5°	11.0	7.4	3.7	0.0
45°	11.0	7.4	3.7	0.0
42.5°	11.0	7.4	3.7	0.0
40°	14.7	7.4	3.7	0.0
37.5°	14.7	7.4	3.7	0.0
35°	14.7	7.4	3.7	0.0
32.5°	14.7	7.4	3.7	0.0
30°	14.7	7.4	3.7	0.0
27.5°	14.7	11.0	3.7	0.0
25°	14.7	11.0	3.7	0.0
22.5°	18.4	11.0	3.7	0.0
20°	18.4	11.0	3.7	0.0
17.5°	18.4	11.0	3.7	0.0
15°	18.4	11.0	3.7	0.0
12.5°	18.4	11.0	3.7	0.0
10°	18.4	11.0	3.7	0.0
7.5°	18.4	11.0	3.7	0.0
5°	18.4	11.0	3.7	0.0
2.5°	18.4	11.0	3.7	0.0
0°	18.4	11.0	3.7	0.0
-2.5°	18.4	11.0	3.7	0.0
-5°	18.4	11.0	3.7	0.0
-7.5°	18.4	11.0	3.7	0.0
-10°	18.4	11.0	3.7	0.0
-12.5°	22.1	11.0	3.7	0.0
-15°	22.1	11.0	3.7	0.0
-17.5°	22.1	11.0	3.7	0.0
-20°	22.1	11.0	3.7	0.0

REPORT NUMBER: P722731

CATALOG NUMBER: IFLD-M-SA4D-940-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	22.1	11.0	3.7	0.0
-25°	22.1	11.0	3.7	0.0
-27.5°	22.1	11.0	3.7	0.0
-30°	22.1	11.0	3.7	0.0
-32.5°	22.1	11.0	3.7	0.0
-35°	22.1	11.0	3.7	0.0
-37.5°	22.1	11.0	3.7	0.0
-40°	22.1	11.0	3.7	0.0
-42.5°	18.4	11.0	3.7	0.0
-45°	22.1	11.0	3.7	0.0
-47.5°	22.1	11.0	3.7	0.0
-50°	22.1	11.0	3.7	0.0
-52.5°	22.1	11.0	3.7	0.0
-55°	22.1	11.0	3.7	0.0
-57.5°	22.1	11.0	3.7	0.0
-60°	22.1	11.0	3.7	0.0
-62.5°	18.4	11.0	3.7	0.0
-65°	18.4	7.4	3.7	0.0
-67.5°	18.4	7.4	3.7	0.0
-70°	18.4	7.4	3.7	0.0
-72.5°	14.7	7.4	3.7	0.0
-75°	14.7	7.4	3.7	0.0
-77.5°	11.0	3.7	0.0	0.0
-80°	11.0	3.7	0.0	0.0
-82.5°	7.4	3.7	0.0	0.0
-85°	3.7	3.7	0.0	0.0
-87.5°	3.7	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)