

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: P722672

Luminaire Tested: **IFLD-M-SA4C-930-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722672
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4C-930-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (64) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	18606.2 lumens	Max Intensity:	12989.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	85.3 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:	11870 lumens	Field Lumens:	17541.5 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

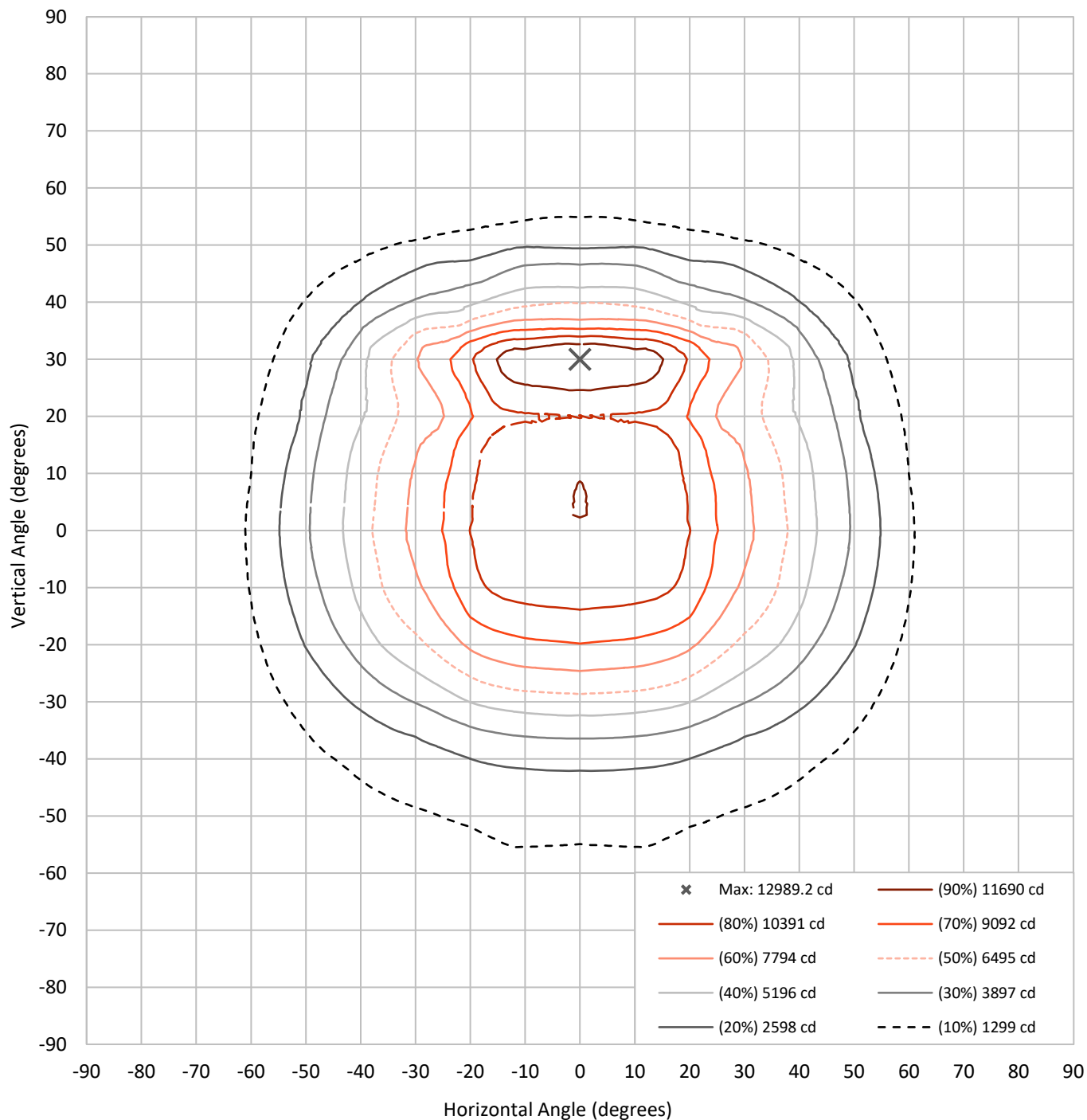
Input Watts (W): 218.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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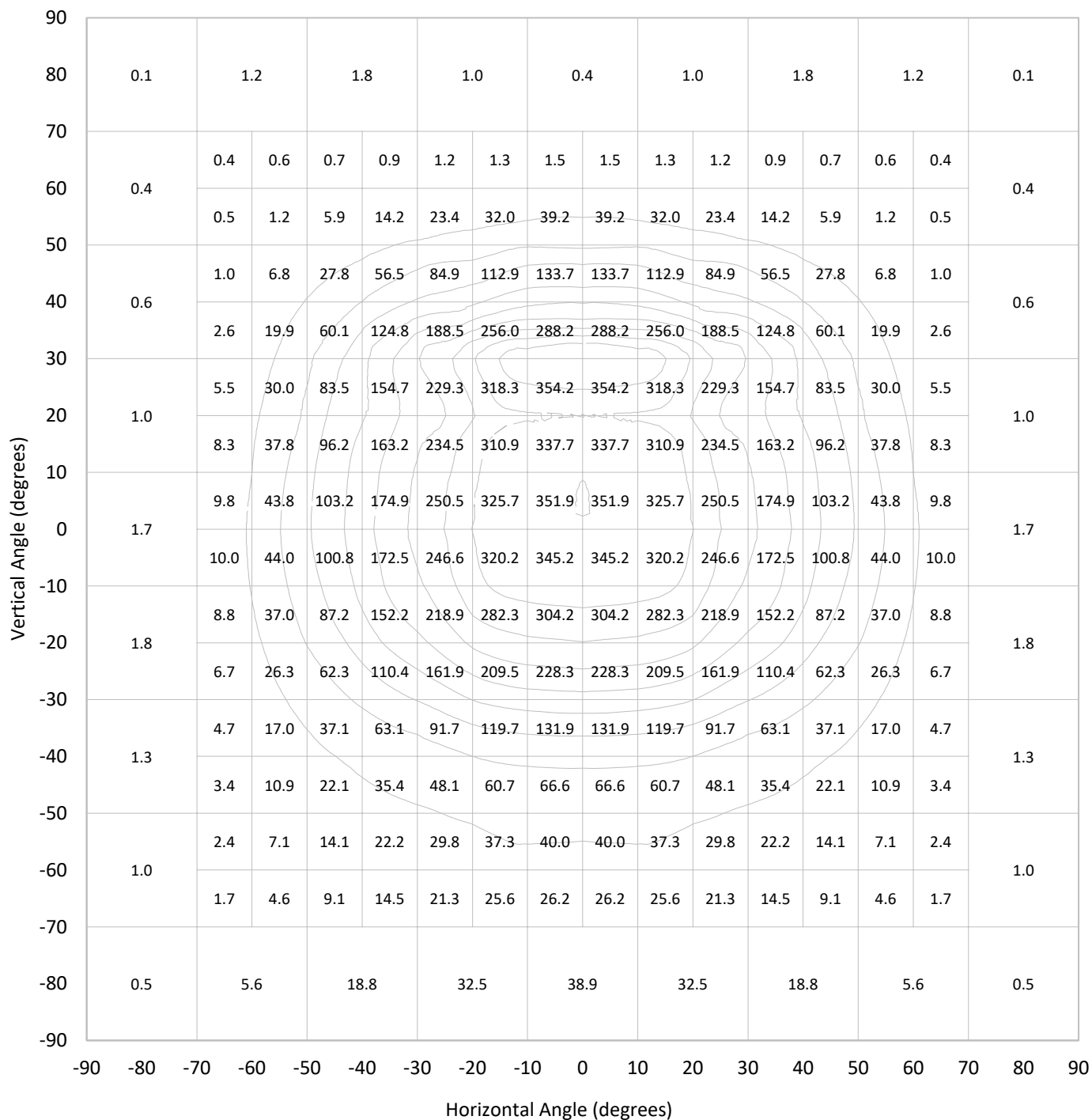
Iso-Candela Plot



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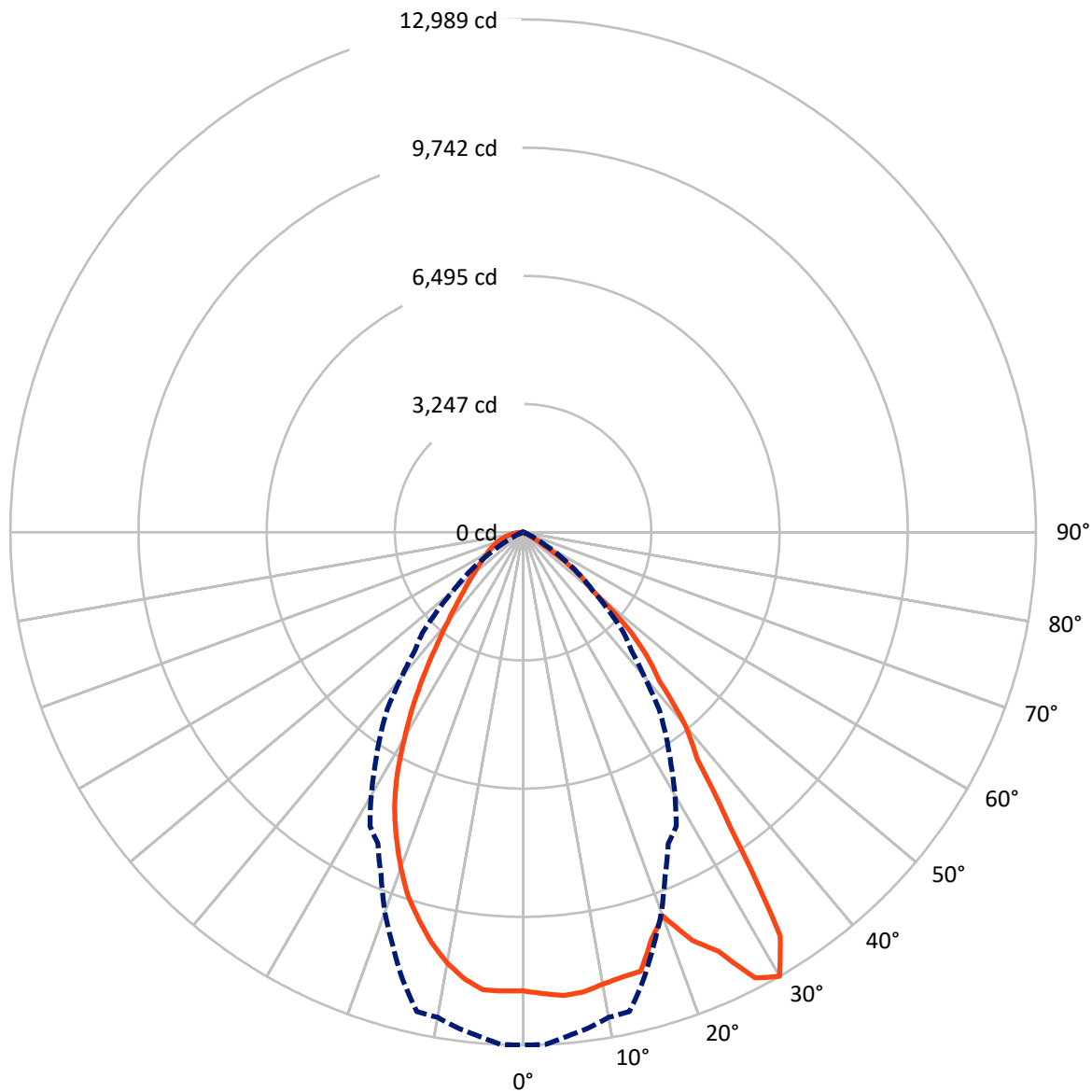
Lumen Table



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Luminous Intensity Polar Plot



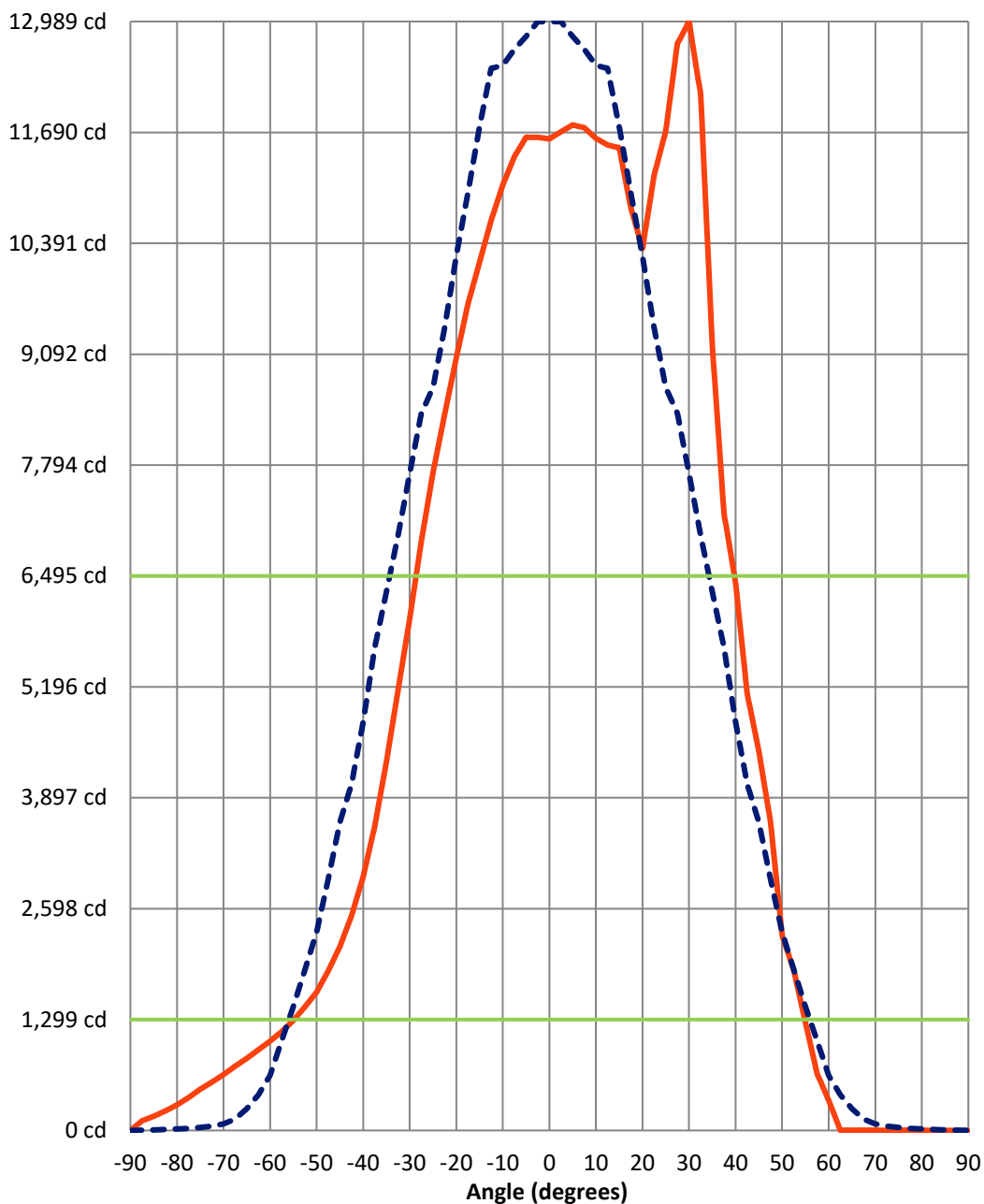
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 11870

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 17541.5

Efficiency: 94.3%

Spill:

Lumens: 1064.7

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	3.0	3.0	3.0	3.0	3.0	3.0	3.0
85°	0.0	3.0	3.0	3.0	5.9	5.9	5.9	5.9	5.9	5.9	8.9
82.5°	0.0	3.0	3.0	3.0	5.9	5.9	5.9	5.9	8.9	8.9	11.8
80°	3.0	3.0	3.0	3.0	5.9	5.9	5.9	8.9	8.9	11.8	11.8
77.5°	3.0	3.0	3.0	5.9	5.9	5.9	8.9	8.9	11.8	11.8	14.8
75°	3.0	3.0	3.0	5.9	5.9	8.9	8.9	8.9	11.8	11.8	14.8
72.5°	0.0	3.0	3.0	5.9	5.9	8.9	8.9	8.9	11.8	11.8	11.8
70°	3.0	3.0	3.0	5.9	5.9	8.9	8.9	8.9	11.8	11.8	11.8
67.5°	3.0	3.0	3.0	5.9	5.9	8.9	8.9	11.8	11.8	11.8	14.8
65°	3.0	3.0	3.0	5.9	8.9	8.9	11.8	14.8	14.8	17.8	20.7
62.5°	3.0	5.9	5.9	8.9	11.8	14.8	32.6	50.4	50.4	35.5	29.6
60°	352.5	382.1	379.2	343.6	299.2	251.8	242.9	234.0	216.2	189.6	198.5
57.5°	669.5	705.0	719.8	710.9	687.2	645.8	622.1	595.4	559.9	518.4	471.0
55°	1267.8	1282.6	1250.0	1187.8	1119.7	1051.6	1027.9	992.3	939.0	885.7	814.6
52.5°	1875.1	1925.4	1910.6	1848.4	1756.6	1635.1	1501.8	1398.2	1335.9	1276.7	1205.6
50°	2289.8	2310.5	2352.0	2426.0	2452.7	2369.8	2153.5	1875.1	1676.6	1777.3	1700.3
47.5°	3613.9	3717.6	3696.8	3643.5	3554.6	3329.5	3027.4	2778.5	2571.2	2503.1	2514.9
45°	4440.3	4481.8	4467.0	4443.3	4401.8	4191.5	3856.8	3474.7	3282.1	3205.1	3125.1
42.5°	5118.7	5163.1	5172.0	5174.9	5130.5	4938.0	4635.8	4253.7	4061.2	3839.0	3664.2
40°	6413.1	6478.3	6404.3	6306.5	6158.4	5939.2	5643.0	5290.5	4949.8	4677.3	4469.9
37.5°	7239.6	7319.6	7349.2	7343.3	7310.7	7215.9	6851.6	6516.8	5995.5	5385.3	5494.9
35°	9200.6	9283.5	9259.8	9170.9	9123.6	9022.8	8667.4	8270.4	7615.8	6952.3	6774.5
32.5°	12124.3	12304.9	11967.3	11597.0	11368.9	11448.9	11087.5	10115.9	9813.7	8617.0	8063.1
30°	12989.2	12986.3	12814.4	12663.4	12476.8	12438.2	11756.9	10980.8	10240.3	9402.0	8702.9
27.5°	12725.6	12672.3	12527.1	12417.5	12242.7	12150.9	11484.4	10868.3	10012.2	9262.8	8587.4
25°	11709.5	11751.0	11602.9	11582.2	11514.0	11336.3	11004.5	10311.4	9547.1	8717.7	8231.9
22.5°	11185.2	11170.4	10992.7	10889.0	10972.0	10782.4	10649.1	9950.0	9153.2	8454.1	7870.5
20°	10332.1	10335.1	10290.7	10281.8	10231.4	10145.5	10038.9	9544.2	8981.4	8383.0	7681.0
17.5°	10809.0	10930.5	10983.8	10542.4	10666.9	10569.1	10456.5	9766.3	9342.8	8812.5	7897.2
15°	11508.1	11463.7	11410.4	11386.7	11318.5	11226.7	11022.3	10471.3	9742.7	9194.6	8480.8
12.5°	11543.7	11457.8	11437.0	11434.1	11363.0	11235.6	11037.1	10581.0	9935.2	9268.7	8688.1
10°	11620.7	11531.8	11520.0	11534.8	11425.2	11345.2	11146.7	10723.1	9994.4	9396.1	8848.1
7.5°	11745.1	11597.0	11665.1	11620.7	11570.3	11442.9	11229.7	10815.0	10210.7	9564.9	8990.3
5°	11777.7	11614.8	11688.8	11647.3	11573.3	11448.9	11217.8	10874.2	10344.0	9633.0	9046.5
2.5°	11697.7	11650.3	11617.7	11540.7	11508.1	11371.9	11152.7	10785.3	10281.8	9603.4	9034.7
0°	11614.8	11656.2	11582.2	11505.2	11490.3	11380.7	11194.1	10862.4	10426.9	9686.4	9135.4
-2.5°	11632.5	11599.9	11549.6	11469.6	11392.6	11235.6	11066.8	10755.7	10287.7	9505.7	8993.2
-5°	11632.5	11481.5	11487.4	11490.3	11413.3	11250.4	11046.0	10782.4	10204.8	9502.7	8951.7
-7.5°	11407.4	11277.1	11256.3	11238.6	11217.8	11066.8	10906.8	10578.0	10065.5	9425.7	8836.2
-10°	11075.6	10948.3	10960.1	10933.5	10868.3	10767.6	10646.1	10349.9	9929.3	9182.8	8602.2
-12.5°	10660.9	10604.6	10572.1	10527.6	10462.5	10373.6	10249.2	9970.7	9520.5	8883.6	8332.6
-15°	10169.2	10127.7	10098.1	10071.5	9976.7	9884.8	9721.9	9464.2	9182.8	8498.5	7935.7
-17.5°	9677.5	9573.8	9532.3	9496.8	9434.6	9286.5	9138.4	8945.8	8551.8	8009.8	7526.9
-20°	9046.5	8984.3	8934.0	8886.6	8797.7	8682.2	8560.7	8338.6	7997.9	7559.5	7058.9

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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°	8386.0	8350.4	8308.9	8249.7	8190.5	8080.9	7912.0	7698.7	7432.1	6958.2	6490.2
-25°	7704.7	7636.5	7586.2	7529.9	7482.5	7381.8	7218.9	7014.5	6679.7	6271.0	5880.0
-27.5°	6901.9	6836.7	6810.1	6744.9	6703.4	6611.6	6448.7	6259.1	5957.0	5613.4	5216.4
-30°	5995.5	6007.3	5977.7	5915.5	5865.1	5746.7	5622.2	5462.3	5225.3	4896.5	4541.0
-32.5°	5157.2	5172.0	5136.4	5071.3	5006.1	4920.2	4804.7	4659.5	4481.8	4167.8	3859.7
-35°	4318.9	4313.0	4283.3	4244.8	4200.4	4129.3	3999.0	3889.4	3685.0	3465.8	3252.5
-37.5°	3566.5	3581.3	3572.4	3551.7	3501.3	3442.1	3335.4	3234.7	3083.6	2891.1	2725.2
-40°	2971.1	2988.9	2977.0	2956.3	2911.8	2876.3	2805.2	2716.3	2594.9	2429.0	2289.8
-42.5°	2514.9	2526.7	2511.9	2494.2	2455.7	2429.0	2372.7	2298.7	2197.9	2070.6	1946.2
-45°	2153.5	2156.5	2141.7	2129.8	2100.2	2067.6	2020.2	1961.0	1881.0	1792.1	1691.4
-47.5°	1869.1	1866.2	1851.4	1839.5	1815.8	1786.2	1747.7	1694.4	1632.2	1564.0	1484.1
-50°	1620.3	1635.1	1629.2	1617.4	1599.6	1578.8	1540.3	1484.1	1421.9	1371.5	1315.2
-52.5°	1448.5	1451.5	1448.5	1448.5	1445.5	1430.7	1386.3	1330.0	1261.9	1217.5	1170.1
-55°	1288.6	1303.4	1309.3	1315.2	1318.2	1318.2	1264.9	1205.6	1140.4	1096.0	1060.5
-57.5°	1158.2	1167.1	1173.0	1187.8	1199.7	1208.6	1161.2	1107.9	1057.5	1016.0	983.4
-60°	1045.7	1057.5	1066.4	1081.2	1090.1	1096.0	1066.4	1030.8	1001.2	974.6	927.2
-62.5°	944.9	953.8	962.7	971.6	980.5	986.4	974.6	956.8	942.0	930.1	870.9
-65°	844.2	853.1	862.0	873.8	882.7	888.7	885.7	873.8	862.0	850.1	796.8
-67.5°	752.4	761.3	773.1	776.1	782.0	785.0	779.1	770.2	755.4	740.5	699.1
-70°	654.6	660.6	666.5	666.5	666.5	663.5	657.6	645.8	630.9	610.2	577.6
-72.5°	565.8	571.7	577.6	568.7	562.8	553.9	545.0	530.2	515.4	500.6	482.8
-75°	482.8	485.8	485.8	474.0	465.1	456.2	444.3	435.4	420.6	408.8	394.0
-77.5°	385.1	385.1	385.1	376.2	370.3	364.3	355.5	346.6	334.7	325.8	314.0
-80°	299.2	299.2	299.2	296.2	287.3	281.4	275.5	269.6	260.7	254.7	248.8
-82.5°	228.1	228.1	228.1	225.1	219.2	216.2	210.3	204.4	201.4	195.5	192.5
-85°	165.9	168.8	168.8	165.9	162.9	157.0	154.0	151.1	148.1	145.1	139.2
-87.5°	112.6	112.6	112.6	109.6	106.6	106.6	103.7	97.8	91.8	88.9	85.9
-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°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
85°	8.9	8.9	8.9	11.8	11.8	11.8	11.8	11.8	11.8	11.8	8.9
82.5°	14.8	14.8	17.8	17.8	20.7	20.7	20.7	20.7	20.7	20.7	20.7
80°	14.8	17.8	20.7	23.7	26.7	29.6	29.6	29.6	29.6	26.7	26.7
77.5°	17.8	17.8	20.7	23.7	26.7	29.6	32.6	35.5	32.6	32.6	32.6
75°	17.8	20.7	20.7	23.7	26.7	29.6	32.6	35.5	35.5	35.5	35.5
72.5°	14.8	17.8	20.7	23.7	23.7	26.7	29.6	29.6	32.6	32.6	35.5
70°	14.8	17.8	20.7	20.7	23.7	23.7	26.7	29.6	29.6	32.6	32.6
67.5°	17.8	20.7	20.7	23.7	26.7	26.7	26.7	29.6	29.6	32.6	32.6
65°	20.7	23.7	23.7	26.7	29.6	29.6	32.6	32.6	32.6	35.5	35.5
62.5°	35.5	35.5	35.5	32.6	35.5	35.5	35.5	38.5	38.5	35.5	38.5
60°	183.7	133.3	91.8	115.5	103.7	47.4	47.4	47.4	44.4	44.4	41.5
57.5°	432.5	402.9	346.6	293.3	263.6	234.0	145.1	59.2	59.2	53.3	47.4
55°	722.8	625.0	583.6	512.5	435.4	399.9	331.8	225.1	106.6	71.1	62.2
52.5°	1119.7	1027.9	921.2	776.1	672.4	589.5	533.2	423.6	284.4	151.1	94.8
50°	1498.9	1457.4	1392.2	1250.0	1033.8	894.6	802.8	678.3	509.5	311.0	177.7
47.5°	2414.2	2067.6	1857.3	1747.7	1567.0	1303.4	1125.6	986.4	782.0	524.3	314.0
45°	3039.2	2820.0	2485.3	2254.2	1987.6	1709.2	1478.1	1318.2	1075.3	785.0	491.7
42.5°	3575.4	3385.8	3083.6	2746.0	2464.5	2100.2	1804.0	1593.7	1389.3	1072.3	734.6
40°	4265.6	4040.4	3750.1	3421.3	3092.5	2627.5	2147.6	1892.8	1667.7	1386.3	992.3
37.5°	5403.0	5006.1	4532.2	4167.8	3738.3	3344.3	2686.7	2236.5	1969.9	1676.6	1294.5
35°	6771.6	6336.1	5545.2	5062.4	4487.7	3901.2	3308.8	2642.3	2263.1	1952.1	1572.9
32.5°	8045.3	7408.4	6395.4	5829.6	5447.5	4366.3	3753.1	3175.5	2565.3	2183.1	1732.9
30°	8397.8	7695.8	6970.0	6309.5	5657.8	4783.9	4058.2	3608.0	2944.4	2322.4	1884.0
27.5°	8042.4	7559.5	6996.7	6383.5	5678.5	4929.1	4244.8	3815.3	3222.9	2417.1	2002.4
25°	7681.0	7177.4	6783.4	6271.0	5619.3	4920.2	4250.7	3945.6	3439.1	2600.8	2067.6
22.5°	7298.8	6984.8	6659.0	6087.3	5471.2	4946.9	4443.3	4058.2	3551.7	2808.2	2094.3
20°	7319.6	7115.2	6756.8	5992.5	5444.5	5103.9	4674.3	4200.4	3673.1	2988.9	2115.0
17.5°	7651.3	7384.7	6934.5	6271.0	5684.4	5263.8	4866.9	4395.9	3797.5	3148.8	2366.8
15°	8060.1	7654.3	7183.3	6599.8	5936.2	5438.6	5015.0	4532.2	3939.7	3296.9	2591.9
12.5°	8356.3	7778.7	7337.4	6810.1	6208.8	5628.2	5112.7	4635.8	4073.0	3418.4	2760.8
10°	8457.1	7932.8	7411.4	6940.4	6348.0	5728.9	5186.8	4701.0	4188.5	3513.2	2885.2
7.5°	8510.4	8066.0	7461.8	6999.7	6430.9	5791.1	5246.0	4736.5	4280.4	3578.3	2965.2
5°	8504.5	8137.1	7500.3	7017.4	6475.4	5817.7	5287.5	4745.4	4345.5	3634.6	3012.5
2.5°	8477.8	8184.5	7562.5	7047.1	6564.2	5868.1	5367.5	4763.2	4369.2	3696.8	3045.1
0°	8575.5	8187.5	7627.6	7055.9	6623.5	5885.9	5403.0	4748.4	4336.6	3714.6	3042.2
-2.5°	8365.2	8012.7	7612.8	6978.9	6543.5	5844.4	5337.9	4701.0	4265.6	3693.9	3030.3
-5°	8329.7	7885.4	7488.4	6907.8	6410.2	5758.5	5216.4	4612.1	4153.0	3625.7	2982.9
-7.5°	8234.9	7763.9	7367.0	6851.6	6285.8	5669.6	5100.9	4520.3	4031.5	3519.1	2914.8
-10°	8027.5	7577.3	7236.6	6730.1	6134.7	5542.3	4961.7	4398.9	3889.4	3373.9	2808.2
-12.5°	7731.3	7281.1	6943.4	6472.4	5945.1	5370.5	4795.8	4241.9	3726.4	3219.9	2680.8
-15°	7396.6	6940.4	6602.7	6173.2	5663.7	5103.9	4585.5	4043.4	3539.8	3057.0	2529.7
-17.5°	7017.4	6585.0	6259.1	5841.4	5334.9	4801.7	4286.3	3794.6	3323.6	2888.1	2354.9
-20°	6579.0	6158.4	5859.2	5441.5	4976.5	4458.1	3957.5	3492.4	3068.8	2660.0	2162.4

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CATALOG NUMBER: IFLD-M-SA4C-930-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°	6036.9	5666.7	5326.0	4952.8	4547.0	4073.0	3608.0	3196.2	2790.4	2390.5	1963.9
-25°	5483.0	5124.6	4792.8	4452.2	4064.1	3655.3	3258.4	2885.2	2488.2	2126.9	1771.4
-27.5°	4866.9	4547.0	4250.7	3936.8	3581.3	3228.8	2902.9	2538.6	2195.0	1886.9	1581.8
-30°	4209.3	3948.6	3690.9	3412.4	3125.1	2828.9	2538.6	2195.0	1925.4	1679.6	1421.9
-32.5°	3578.3	3344.3	3137.0	2929.6	2680.8	2437.9	2180.2	1925.4	1700.3	1484.1	1267.8
-35°	3024.4	2775.6	2660.0	2494.2	2295.7	2076.5	1866.2	1688.4	1507.8	1312.3	1119.7
-37.5°	2544.5	2384.6	2248.3	2123.9	1966.9	1777.3	1626.2	1481.1	1330.0	1152.3	986.4
-40°	2168.3	2052.8	1916.5	1824.7	1697.3	1561.1	1410.0	1288.6	1161.2	1016.0	879.8
-42.5°	1866.2	1771.4	1682.5	1584.8	1490.0	1374.5	1244.1	1128.6	1013.1	906.4	793.9
-45°	1617.4	1549.2	1478.1	1398.2	1315.2	1214.5	1107.9	989.4	906.4	811.6	716.9
-47.5°	1413.0	1362.6	1303.4	1241.2	1170.1	1081.2	983.4	897.5	811.6	731.7	639.8
-50°	1250.0	1202.7	1155.3	1101.9	1039.7	962.7	888.7	808.7	728.7	651.7	565.8
-52.5°	1113.8	1072.3	1033.8	989.4	930.1	865.0	796.8	725.7	651.7	574.7	506.5
-55°	1019.0	971.6	933.1	888.7	835.3	773.1	710.9	645.8	574.7	515.4	459.1
-57.5°	942.0	888.7	844.2	796.8	743.5	690.2	633.9	574.7	521.3	465.1	411.7
-60°	876.8	814.6	764.2	716.9	666.5	616.1	568.7	518.4	468.0	417.7	364.3
-62.5°	808.7	743.5	681.3	636.9	598.4	553.9	512.5	465.1	420.6	370.3	331.8
-65°	731.7	669.5	610.2	571.7	536.2	497.6	459.1	417.7	379.2	340.7	305.1
-67.5°	645.8	592.4	551.0	515.4	479.9	447.3	411.7	376.2	343.6	305.1	269.6
-70°	542.1	512.5	488.8	462.1	429.5	399.9	367.3	334.7	299.2	266.6	234.0
-72.5°	462.1	444.3	426.6	399.9	370.3	343.6	317.0	287.3	257.7	228.1	201.4
-75°	379.2	364.3	349.5	331.8	308.1	287.3	263.6	237.0	213.3	192.5	171.8
-77.5°	305.1	293.3	284.4	269.6	251.8	234.0	219.2	201.4	183.7	162.9	142.2
-80°	242.9	237.0	234.0	228.1	213.3	198.5	186.6	171.8	154.0	139.2	124.4
-82.5°	189.6	189.6	186.6	183.7	171.8	160.0	151.1	139.2	127.4	115.5	100.7
-85°	139.2	136.3	136.3	133.3	124.4	118.5	109.6	103.7	94.8	82.9	77.0
-87.5°	82.9	80.0	77.0	74.1	68.1	65.2	59.2	56.3	50.4	44.4	41.5
-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: P722672

CATALOG NUMBER: IFLD-M-SA4C-930-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°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	0.0	0.0
85°	8.9	5.9	5.9	5.9	5.9	5.9	3.0	3.0	3.0	3.0	3.0
82.5°	17.8	17.8	14.8	14.8	11.8	8.9	5.9	5.9	5.9	3.0	3.0
80°	26.7	26.7	26.7	23.7	20.7	14.8	11.8	8.9	5.9	3.0	3.0
77.5°	32.6	29.6	29.6	26.7	26.7	23.7	17.8	14.8	8.9	5.9	3.0
75°	32.6	32.6	32.6	29.6	29.6	26.7	23.7	17.8	14.8	8.9	5.9
72.5°	35.5	32.6	32.6	32.6	29.6	26.7	23.7	20.7	17.8	11.8	5.9
70°	32.6	32.6	32.6	32.6	29.6	29.6	23.7	20.7	20.7	11.8	8.9
67.5°	32.6	32.6	32.6	29.6	29.6	26.7	23.7	20.7	20.7	14.8	8.9
65°	35.5	32.6	32.6	32.6	29.6	26.7	23.7	20.7	20.7	17.8	11.8
62.5°	38.5	35.5	35.5	32.6	29.6	26.7	23.7	20.7	20.7	17.8	11.8
60°	41.5	38.5	35.5	35.5	32.6	29.6	23.7	23.7	20.7	17.8	11.8
57.5°	44.4	41.5	41.5	38.5	35.5	32.6	26.7	23.7	20.7	17.8	14.8
55°	53.3	47.4	44.4	44.4	41.5	35.5	29.6	23.7	20.7	17.8	14.8
52.5°	71.1	56.3	50.4	50.4	47.4	41.5	32.6	26.7	20.7	17.8	14.8
50°	112.6	71.1	59.2	53.3	53.3	47.4	38.5	29.6	20.7	17.8	14.8
47.5°	177.7	118.5	71.1	62.2	59.2	56.3	44.4	29.6	23.7	17.8	14.8
45°	293.3	174.8	115.5	74.1	62.2	59.2	50.4	32.6	23.7	20.7	14.8
42.5°	402.9	272.5	177.7	88.9	74.1	65.2	53.3	35.5	26.7	20.7	14.8
40°	633.9	373.2	248.8	145.1	85.9	68.1	59.2	41.5	26.7	20.7	14.8
37.5°	859.0	494.7	334.7	213.3	97.8	77.0	62.2	44.4	29.6	20.7	17.8
35°	1084.2	693.2	414.7	284.4	130.3	91.8	65.2	47.4	29.6	20.7	17.8
32.5°	1285.6	879.8	497.6	355.5	195.5	109.6	71.1	50.4	32.6	23.7	17.8
30°	1451.5	1051.6	645.8	417.7	254.7	133.3	77.0	50.4	35.5	23.7	17.8
27.5°	1575.9	1184.9	796.8	482.8	305.1	157.0	88.9	56.3	35.5	23.7	17.8
25°	1676.6	1288.6	930.1	551.0	349.5	195.5	106.6	59.2	38.5	26.7	17.8
22.5°	1756.6	1374.5	1039.7	642.8	402.9	234.0	130.3	65.2	38.5	26.7	17.8
20°	1866.2	1460.4	1113.8	740.5	459.1	269.6	151.1	71.1	38.5	26.7	20.7
17.5°	1961.0	1546.3	1173.0	823.5	515.4	296.2	174.8	77.0	41.5	26.7	20.7
15°	2070.6	1629.2	1226.3	888.7	568.7	319.9	195.5	82.9	41.5	29.6	20.7
12.5°	2189.1	1706.2	1264.9	942.0	625.0	340.7	213.3	94.8	44.4	29.6	20.7
10°	2310.5	1771.4	1297.4	980.5	666.5	361.4	225.1	106.6	47.4	29.6	20.7
7.5°	2432.0	1830.6	1338.9	998.3	684.3	385.1	231.1	118.5	47.4	32.6	20.7
5°	2514.9	1869.1	1398.2	1010.1	693.2	411.7	239.9	133.3	50.4	32.6	20.7
2.5°	2586.0	1892.8	1460.4	1019.0	696.1	426.6	237.0	142.2	53.3	32.6	20.7
0°	2618.6	1892.8	1501.8	1013.1	687.2	441.4	237.0	151.1	53.3	32.6	20.7
-2.5°	2568.2	1946.2	1490.0	1016.0	690.2	441.4	248.8	154.0	59.2	35.5	20.7
-5°	2488.2	1966.9	1454.4	1001.2	684.3	441.4	263.6	157.0	62.2	35.5	23.7
-7.5°	2411.2	1975.8	1413.0	986.4	675.4	429.5	266.6	154.0	68.1	38.5	23.7
-10°	2310.5	1878.0	1359.6	959.8	657.6	420.6	272.5	154.0	71.1	38.5	23.7
-12.5°	2195.0	1759.5	1294.5	921.2	636.9	411.7	275.5	154.0	74.1	41.5	23.7
-15°	2061.7	1638.1	1220.4	879.8	607.2	399.9	269.6	151.1	77.0	41.5	26.7
-17.5°	1910.6	1519.6	1143.4	829.4	574.7	385.1	257.7	148.1	77.0	41.5	26.7
-20°	1738.8	1401.1	1057.5	779.1	536.2	367.3	245.9	142.2	77.0	41.5	26.7

REPORT NUMBER: P722672

CATALOG NUMBER: IFLD-M-SA4C-930-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1584.8	1291.5	968.6	722.8	494.7	346.6	231.1	136.3	77.0	44.4	26.7
-25°	1457.4	1184.9	900.5	666.5	450.3	322.9	216.2	130.3	77.0	44.4	26.7
-27.5°	1324.1	1069.4	829.4	613.2	420.6	302.1	201.4	124.4	74.1	44.4	26.7
-30°	1187.8	956.8	755.4	553.9	391.0	281.4	189.6	115.5	74.1	44.4	26.7
-32.5°	1063.4	865.0	687.2	494.7	358.4	260.7	177.7	112.6	71.1	44.4	26.7
-35°	942.0	782.0	616.1	447.3	322.9	239.9	165.9	109.6	71.1	44.4	26.7
-37.5°	841.3	705.0	551.0	414.7	302.1	222.2	154.0	103.7	68.1	44.4	26.7
-40°	758.3	633.9	488.8	379.2	284.4	204.4	142.2	100.7	68.1	44.4	26.7
-42.5°	681.3	565.8	450.3	349.5	266.6	192.5	133.3	97.8	65.2	44.4	26.7
-45°	613.2	506.5	411.7	322.9	245.9	177.7	127.4	91.8	62.2	44.4	29.6
-47.5°	545.0	465.1	376.2	299.2	225.1	160.0	121.4	88.9	59.2	41.5	29.6
-50°	491.7	420.6	346.6	272.5	204.4	154.0	115.5	82.9	59.2	41.5	29.6
-52.5°	444.3	379.2	314.0	245.9	186.6	145.1	109.6	77.0	56.3	41.5	29.6
-55°	399.9	340.7	281.4	219.2	174.8	136.3	100.7	71.1	56.3	41.5	29.6
-57.5°	355.5	305.1	248.8	198.5	160.0	127.4	94.8	71.1	56.3	41.5	29.6
-60°	319.9	272.5	225.1	183.7	148.1	115.5	85.9	68.1	53.3	41.5	29.6
-62.5°	290.3	245.9	204.4	165.9	136.3	103.7	82.9	68.1	53.3	41.5	26.7
-65°	260.7	222.2	183.7	151.1	121.4	97.8	80.0	65.2	53.3	41.5	26.7
-67.5°	231.1	195.5	165.9	133.3	112.6	94.8	77.0	65.2	50.4	38.5	26.7
-70°	201.4	171.8	145.1	124.4	106.6	88.9	74.1	62.2	50.4	35.5	23.7
-72.5°	177.7	151.1	130.3	115.5	100.7	85.9	71.1	59.2	47.4	32.6	20.7
-75°	151.1	133.3	118.5	103.7	91.8	80.0	68.1	53.3	41.5	29.6	20.7
-77.5°	127.4	115.5	103.7	94.8	82.9	71.1	59.2	47.4	38.5	26.7	17.8
-80°	109.6	100.7	91.8	82.9	74.1	62.2	53.3	41.5	32.6	23.7	14.8
-82.5°	88.9	82.9	74.1	68.1	62.2	53.3	44.4	35.5	23.7	17.8	11.8
-85°	68.1	62.2	59.2	53.3	47.4	38.5	29.6	23.7	17.8	11.8	5.9
-87.5°	35.5	32.6	29.6	26.7	23.7	17.8	14.8	11.8	8.9	5.9	3.0
-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: P722672

CATALOG NUMBER: IFLD-M-SA4C-930-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°	3.0	0.0	0.0	0.0
77.5°	3.0	0.0	0.0	0.0
75°	3.0	3.0	0.0	0.0
72.5°	3.0	3.0	0.0	0.0
70°	3.0	3.0	0.0	0.0
67.5°	5.9	3.0	0.0	0.0
65°	5.9	3.0	0.0	0.0
62.5°	5.9	3.0	0.0	0.0
60°	5.9	3.0	0.0	0.0
57.5°	8.9	3.0	3.0	0.0
55°	8.9	3.0	3.0	0.0
52.5°	8.9	3.0	3.0	0.0
50°	8.9	5.9	3.0	0.0
47.5°	8.9	5.9	3.0	0.0
45°	8.9	5.9	3.0	0.0
42.5°	8.9	5.9	3.0	0.0
40°	11.8	5.9	3.0	0.0
37.5°	11.8	5.9	3.0	0.0
35°	11.8	5.9	3.0	0.0
32.5°	11.8	5.9	3.0	0.0
30°	11.8	5.9	3.0	0.0
27.5°	11.8	8.9	3.0	0.0
25°	11.8	8.9	3.0	0.0
22.5°	14.8	8.9	3.0	0.0
20°	14.8	8.9	3.0	0.0
17.5°	14.8	8.9	3.0	0.0
15°	14.8	8.9	3.0	0.0
12.5°	14.8	8.9	3.0	0.0
10°	14.8	8.9	3.0	0.0
7.5°	14.8	8.9	3.0	0.0
5°	14.8	8.9	3.0	0.0
2.5°	14.8	8.9	3.0	0.0
0°	14.8	8.9	3.0	0.0
-2.5°	14.8	8.9	3.0	0.0
-5°	14.8	8.9	3.0	0.0
-7.5°	14.8	8.9	3.0	0.0
-10°	14.8	8.9	3.0	0.0
-12.5°	17.8	8.9	3.0	0.0
-15°	17.8	8.9	3.0	0.0
-17.5°	17.8	8.9	3.0	0.0
-20°	17.8	8.9	3.0	0.0

REPORT NUMBER: P722672

CATALOG NUMBER: IFLD-M-SA4C-930-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	17.8	8.9	3.0	0.0
-25°	17.8	8.9	3.0	0.0
-27.5°	17.8	8.9	3.0	0.0
-30°	17.8	8.9	3.0	0.0
-32.5°	17.8	8.9	3.0	0.0
-35°	17.8	8.9	3.0	0.0
-37.5°	17.8	8.9	3.0	0.0
-40°	17.8	8.9	3.0	0.0
-42.5°	14.8	8.9	3.0	0.0
-45°	17.8	8.9	3.0	0.0
-47.5°	17.8	8.9	3.0	0.0
-50°	17.8	8.9	3.0	0.0
-52.5°	17.8	8.9	3.0	0.0
-55°	17.8	8.9	3.0	0.0
-57.5°	17.8	8.9	3.0	0.0
-60°	17.8	8.9	3.0	0.0
-62.5°	14.8	8.9	3.0	0.0
-65°	14.8	5.9	3.0	0.0
-67.5°	14.8	5.9	3.0	0.0
-70°	14.8	5.9	3.0	0.0
-72.5°	11.8	5.9	3.0	0.0
-75°	11.8	5.9	3.0	0.0
-77.5°	8.9	3.0	0.0	0.0
-80°	8.9	3.0	0.0	0.0
-82.5°	5.9	3.0	0.0	0.0
-85°	3.0	3.0	0.0	0.0
-87.5°	3.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)