

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: P722706

Luminaire Tested: **IFLD-L-SA7C-935-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722706
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7C-935-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (112) 3500K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	30098.9 lumens	Max Intensity:	21012.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	81.6 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' 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:	19201.8 lumens	Field Lumens:	28376.5 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

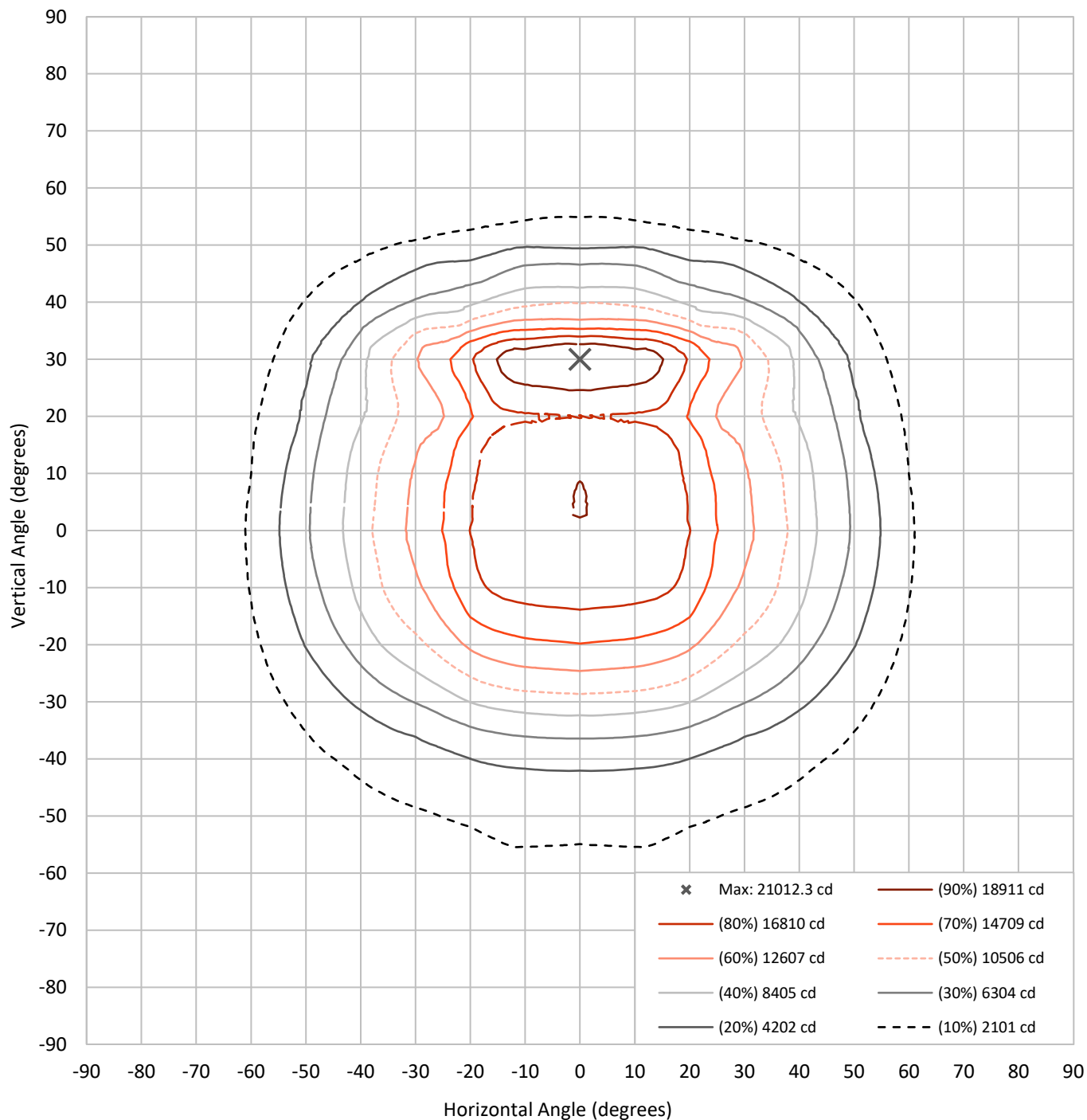
Input Watts (W): 369
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P722706

CATALOG NUMBER: IFLD-L-SA7C-935-U-76-VI

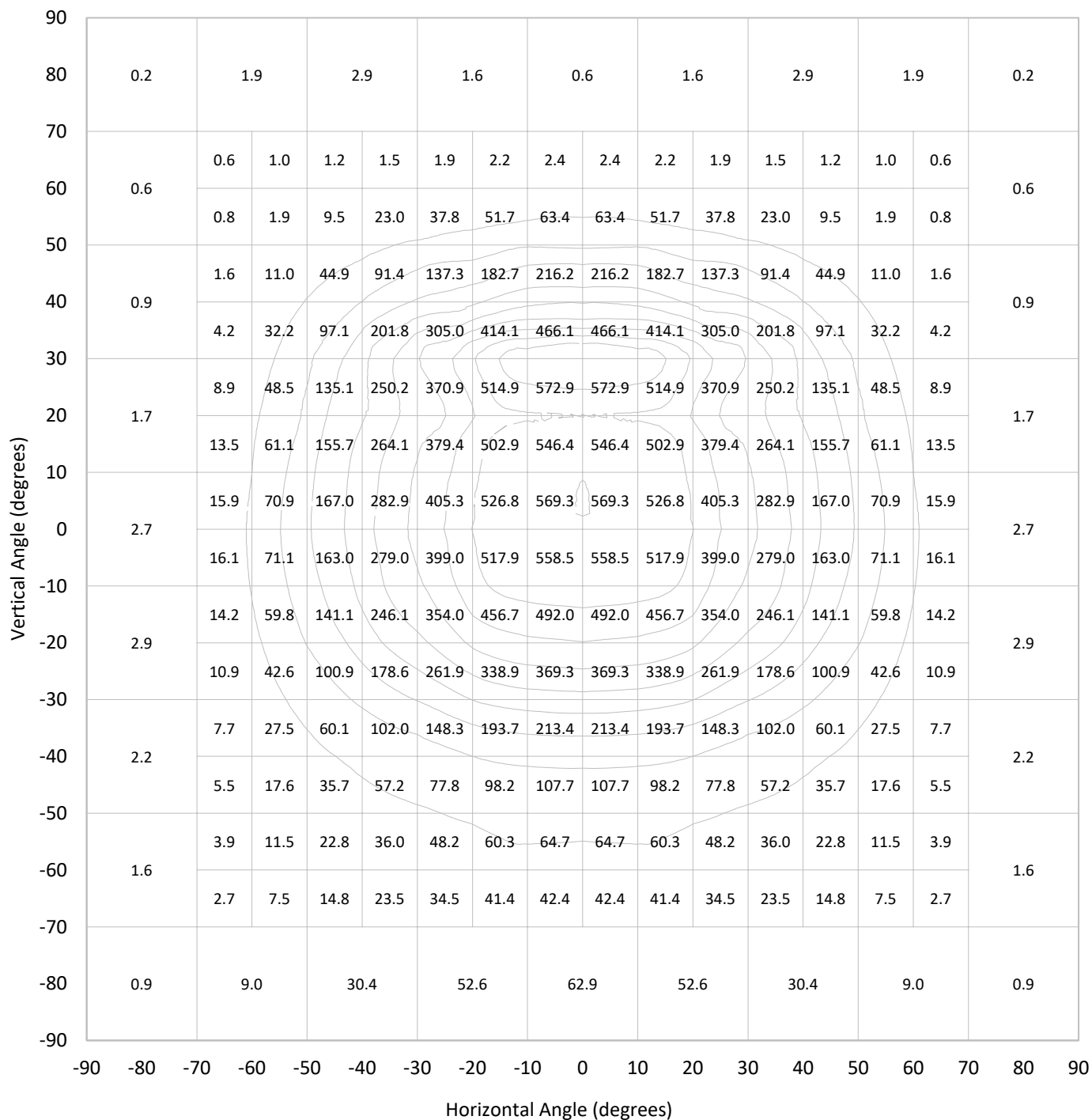
Iso-Candela Plot



REPORT NUMBER: P722706

CATALOG NUMBER: IFLD-L-SA7C-935-U-76-VI

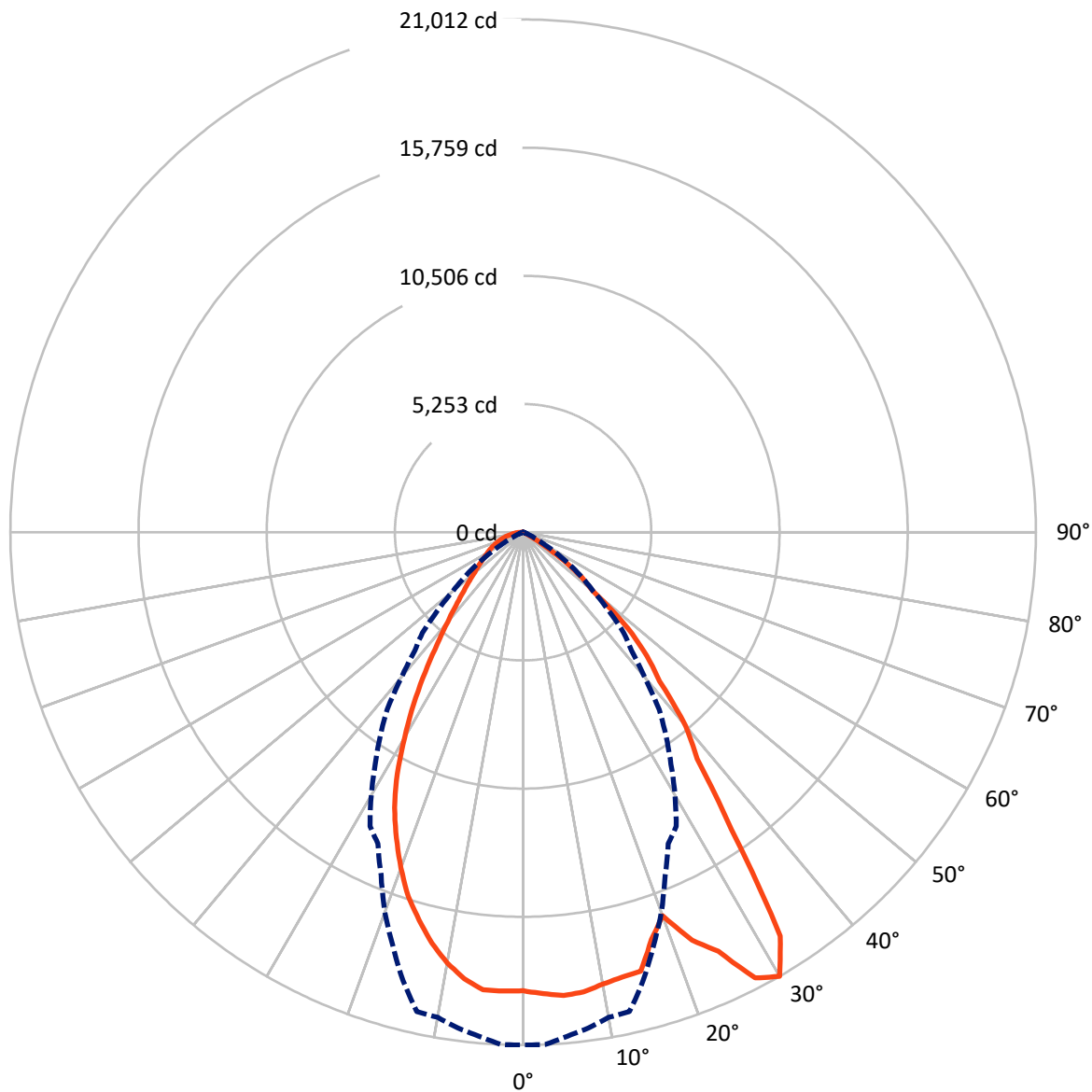
Lumen Table



REPORT NUMBER: P722706

CATALOG NUMBER: IFLD-L-SA7C-935-U-76-VI

Luminous Intensity Polar Plot



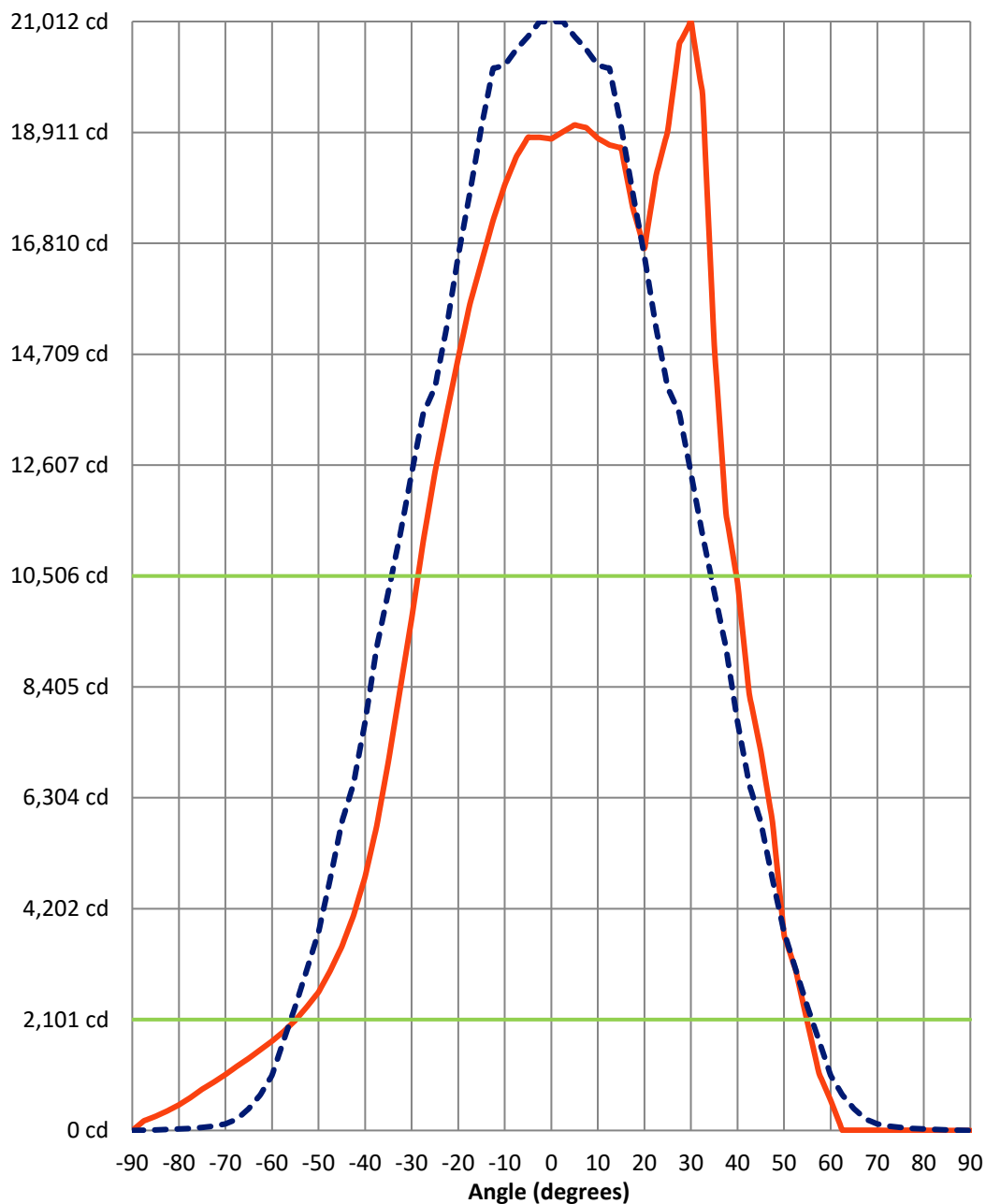
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

REPORT NUMBER: P722706

CATALOG NUMBER: IFLD-L-SA7C-935-U-76-VI

Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 19201.8

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 28376.5

Efficiency: 94.3%

Spill:

Lumens: 1722.4

Efficiency: 5.7%

— Vertical Distribution through 0-Deg

- - - Horizontal Distribution through 30-Deg

REPORT NUMBER: P722706

CATALOG NUMBER: IFLD-L-SA7C-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	4.8	4.8	4.8	4.8	4.8	4.8	4.8
85°	0.0	4.8	4.8	4.8	9.6	9.6	9.6	9.6	9.6	9.6	14.4
82.5°	0.0	4.8	4.8	4.8	9.6	9.6	9.6	9.6	14.4	14.4	19.2
80°	4.8	4.8	4.8	4.8	9.6	9.6	9.6	14.4	14.4	19.2	19.2
77.5°	4.8	4.8	4.8	9.6	9.6	9.6	14.4	14.4	19.2	19.2	24.0
75°	4.8	4.8	4.8	9.6	9.6	14.4	14.4	14.4	19.2	19.2	24.0
72.5°	0.0	4.8	4.8	9.6	9.6	14.4	14.4	14.4	19.2	19.2	19.2
70°	4.8	4.8	4.8	9.6	9.6	14.4	14.4	14.4	19.2	19.2	19.2
67.5°	4.8	4.8	4.8	9.6	9.6	14.4	14.4	19.2	19.2	19.2	24.0
65°	4.8	4.8	4.8	9.6	14.4	14.4	19.2	24.0	24.0	28.8	33.5
62.5°	4.8	9.6	9.6	14.4	19.2	24.0	52.7	81.5	81.5	57.5	47.9
60°	570.2	618.2	613.4	555.9	484.0	407.3	392.9	378.6	349.8	306.7	321.1
57.5°	1083.0	1140.5	1164.4	1150.0	1111.7	1044.6	1006.3	963.2	905.7	838.6	761.9
55°	2050.9	2074.9	2022.2	1921.5	1811.3	1701.1	1662.8	1605.3	1519.0	1432.8	1317.8
52.5°	3033.3	3114.7	3090.8	2990.1	2841.6	2645.1	2429.5	2261.8	2161.1	2065.3	1950.3
50°	3704.1	3737.7	3804.7	3924.5	3967.7	3833.5	3483.7	3033.3	2712.2	2875.1	2750.5
47.5°	5846.1	6013.8	5980.3	5894.0	5750.2	5386.1	4897.3	4494.8	4159.3	4049.1	4068.3
45°	7183.0	7250.1	7226.1	7187.8	7120.7	6780.5	6239.0	5620.9	5309.4	5184.8	5055.4
42.5°	8280.3	8352.2	8366.6	8371.4	8299.5	7988.0	7499.3	6881.1	6569.7	6210.3	5927.5
40°	10374.4	10479.8	10360.0	10201.9	9962.3	9607.7	9128.5	8558.3	8007.2	7566.4	7230.9
37.5°	11711.3	11840.7	11888.6	11879.0	11826.3	11673.0	11083.6	10542.1	9698.7	8711.6	8888.9
35°	14883.5	15017.7	14979.4	14835.6	14759.0	14596.0	14021.0	13378.9	12319.9	11246.5	10959.0
32.5°	19613.1	19905.4	19359.1	18760.2	18391.2	18520.6	17936.0	16364.2	15875.5	13939.5	13043.5
30°	21012.3	21007.6	20729.6	20485.2	20183.4	20121.1	19018.9	17763.5	16565.5	15209.4	14078.5
27.5°	20585.9	20499.6	20264.8	20087.5	19804.8	19656.2	18578.1	17581.4	16196.5	14984.2	13891.6
25°	18942.3	19009.3	18769.7	18736.2	18626.0	18338.5	17801.8	16680.5	15444.2	14102.5	13316.6
22.5°	18094.1	18070.1	17782.6	17614.9	17749.1	17442.4	17226.8	16095.9	14806.9	13676.0	12732.0
20°	16714.0	16718.8	16647.0	16632.6	16551.1	16412.2	16239.6	15439.4	14528.9	13561.0	12425.3
17.5°	17485.5	17682.0	17768.2	17054.3	17255.5	17097.4	16915.3	15798.8	15113.6	14255.8	12775.1
15°	18616.4	18544.5	18458.3	18419.9	18309.7	18161.2	17830.5	16939.3	15760.5	14874.0	13719.1
12.5°	18673.9	18534.9	18501.4	18496.6	18381.6	18175.6	17854.5	17116.6	16071.9	14993.8	14054.6
10°	18798.5	18654.7	18635.6	18659.5	18482.2	18352.9	18031.8	17346.6	16167.8	15199.8	14313.3
7.5°	18999.8	18760.2	18870.4	18798.5	18717.0	18511.0	18166.0	17495.1	16517.6	15472.9	14543.3
5°	19052.5	18788.9	18908.7	18841.6	18721.8	18520.6	18146.8	17591.0	16733.2	15583.2	14634.4
2.5°	18923.1	18846.4	18793.7	18669.1	18616.4	18396.0	18041.4	17447.2	16632.6	15535.2	14615.2
0°	18788.9	18856.0	18736.2	18611.6	18587.7	18410.4	18108.5	17571.8	16867.4	15669.4	14778.1
-2.5°	18817.7	18765.0	18683.5	18554.1	18429.5	18175.6	17902.4	17399.3	16642.2	15377.1	14548.1
-5°	18817.7	18573.3	18582.9	18587.7	18463.1	18199.5	17868.9	17442.4	16508.0	15372.3	14481.0
-7.5°	18453.5	18242.6	18209.1	18180.3	18146.8	17902.4	17643.7	17111.8	16282.8	15247.7	14294.1
-10°	17916.8	17710.7	17729.9	17686.8	17581.4	17418.4	17222.0	16742.8	16062.3	14854.8	13915.6
-12.5°	17245.9	17154.9	17102.2	17030.3	16924.9	16781.1	16579.9	16129.4	15401.1	14370.8	13479.5
-15°	16450.5	16383.4	16335.5	16292.4	16139.0	15990.5	15726.9	15310.0	14854.8	13747.9	12837.4
-17.5°	15655.0	15487.3	15420.2	15362.7	15262.1	15022.5	14782.9	14471.4	13834.1	12957.2	12176.1
-20°	14634.4	14533.7	14452.3	14375.6	14231.9	14045.0	13848.5	13489.1	12938.0	12228.8	11419.0

REPORT NUMBER: P722706

CATALOG NUMBER: IFLD-L-SA7C-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°	13565.8	13508.3	13441.2	13345.4	13249.5	13072.2	12799.1	12454.1	12022.8	11256.1	10499.0
-25°	12463.7	12353.4	12272.0	12180.9	12104.3	11941.3	11677.8	11347.1	10805.7	10144.4	9511.9
-27.5°	11165.1	11059.6	11016.5	10911.1	10844.0	10695.5	10431.9	10125.2	9636.4	9080.6	8438.5
-30°	9698.7	9717.9	9670.0	9569.4	9487.9	9296.2	9095.0	8836.2	8452.9	7921.0	7345.9
-32.5°	8342.6	8366.6	8309.1	8203.7	8098.3	7959.3	7772.4	7537.6	7250.1	6742.2	6243.8
-35°	6986.5	6977.0	6929.0	6866.7	6794.9	6679.9	6469.0	6291.7	5961.1	5606.5	5261.5
-37.5°	5769.4	5793.4	5779.0	5745.5	5664.0	5568.2	5395.6	5232.7	4988.3	4676.9	4408.5
-40°	4806.2	4835.0	4815.8	4782.3	4710.4	4652.9	4537.9	4394.1	4197.7	3929.3	3704.1
-42.5°	4068.3	4087.5	4063.5	4034.8	3972.5	3929.3	3838.3	3718.5	3555.6	3349.5	3148.3
-45°	3483.7	3488.5	3464.5	3445.4	3397.4	3344.7	3268.1	3172.2	3042.8	2899.1	2736.2
-47.5°	3023.7	3018.9	2994.9	2975.8	2937.4	2889.5	2827.2	2740.9	2640.3	2530.1	2400.7
-50°	2621.2	2645.1	2635.5	2616.4	2587.6	2554.1	2491.8	2400.7	2300.1	2218.6	2127.6
-52.5°	2343.2	2348.0	2343.2	2343.2	2338.4	2314.5	2242.6	2151.5	2041.3	1969.5	1892.8
-55°	2084.5	2108.4	2118.0	2127.6	2132.4	2132.4	2046.1	1950.3	1844.9	1773.0	1715.5
-57.5°	1873.6	1888.0	1897.6	1921.5	1940.7	1955.1	1878.4	1792.2	1710.7	1643.6	1590.9
-60°	1691.5	1710.7	1725.1	1749.0	1763.4	1773.0	1725.1	1667.6	1619.7	1576.5	1499.9
-62.5°	1528.6	1543.0	1557.4	1571.7	1586.1	1595.7	1576.5	1547.8	1523.8	1504.6	1408.8
-65°	1365.7	1380.1	1394.4	1413.6	1428.0	1437.6	1432.8	1413.6	1394.4	1375.3	1289.0
-67.5°	1217.1	1231.5	1250.7	1255.5	1265.1	1269.8	1260.3	1245.9	1221.9	1198.0	1130.9
-70°	1059.0	1068.6	1078.2	1078.2	1078.2	1073.4	1063.8	1044.6	1020.7	987.1	934.4
-72.5°	915.2	924.8	934.4	920.0	910.5	896.1	881.7	857.7	833.8	809.8	781.1
-75°	781.1	785.9	785.9	766.7	752.3	737.9	718.8	704.4	680.4	661.3	637.3
-77.5°	622.9	622.9	622.9	608.6	599.0	589.4	575.0	560.6	541.5	527.1	507.9
-80°	484.0	484.0	484.0	479.2	464.8	455.2	445.6	436.1	421.7	412.1	402.5
-82.5°	369.0	369.0	369.0	364.2	354.6	349.8	340.2	330.6	325.8	316.3	311.5
-85°	268.3	273.1	273.1	268.3	263.6	254.0	249.2	244.4	239.6	234.8	225.2
-87.5°	182.1	182.1	182.1	177.3	172.5	172.5	167.7	158.1	148.5	143.8	139.0
-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: P722706

CATALOG NUMBER: IFLD-L-SA7C-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°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
85°	14.4	14.4	14.4	19.2	19.2	19.2	19.2	19.2	19.2	19.2	14.4
82.5°	24.0	24.0	28.8	28.8	33.5	33.5	33.5	33.5	33.5	33.5	33.5
80°	24.0	28.8	33.5	38.3	43.1	47.9	47.9	47.9	47.9	43.1	43.1
77.5°	28.8	28.8	33.5	38.3	43.1	47.9	52.7	57.5	52.7	52.7	52.7
75°	28.8	33.5	33.5	38.3	43.1	47.9	52.7	57.5	57.5	57.5	57.5
72.5°	24.0	28.8	33.5	38.3	38.3	43.1	47.9	47.9	52.7	52.7	57.5
70°	24.0	28.8	33.5	33.5	38.3	38.3	43.1	47.9	47.9	52.7	52.7
67.5°	28.8	33.5	33.5	38.3	43.1	43.1	43.1	47.9	47.9	52.7	52.7
65°	33.5	38.3	38.3	43.1	47.9	47.9	52.7	52.7	52.7	57.5	57.5
62.5°	57.5	57.5	57.5	52.7	57.5	57.5	57.5	62.3	62.3	57.5	62.3
60°	297.1	215.6	148.5	186.9	167.7	76.7	76.7	76.7	71.9	71.9	67.1
57.5°	699.6	651.7	560.6	474.4	426.5	378.6	234.8	95.8	95.8	86.3	76.7
55°	1169.2	1011.1	944.0	829.0	704.4	646.9	536.7	364.2	172.5	115.0	100.6
52.5°	1811.3	1662.8	1490.3	1255.5	1087.8	953.6	862.5	685.2	460.0	244.4	153.3
50°	2424.7	2357.6	2252.2	2022.2	1672.4	1447.1	1298.6	1097.3	824.2	503.1	287.5
47.5°	3905.4	3344.7	3004.5	2827.2	2534.9	2108.4	1820.9	1595.7	1265.1	848.2	507.9
45°	4916.5	4561.9	4020.4	3646.6	3215.3	2764.9	2391.1	2132.4	1739.4	1269.8	795.5
42.5°	5783.8	5477.1	4988.3	4442.1	3986.8	3397.4	2918.2	2578.0	2247.4	1734.7	1188.4
40°	6900.3	6536.1	6066.5	5534.6	5002.7	4250.4	3474.1	3062.0	2697.8	2242.6	1605.3
37.5°	8740.4	8098.3	7331.6	6742.2	6047.3	5410.0	4346.2	3617.9	3186.6	2712.2	2094.0
35°	10954.2	10249.8	8970.4	8189.3	7259.7	6310.9	5352.5	4274.3	3661.0	3157.8	2544.5
32.5°	13014.7	11984.5	10345.6	9430.4	8812.2	7063.2	6071.3	5136.9	4149.8	3531.6	2803.2
30°	13584.9	12449.3	11275.3	10206.7	9152.5	7738.9	6564.9	5836.5	4763.1	3756.8	3047.6
27.5°	13009.9	12228.8	11318.4	10326.5	9186.0	7973.7	6866.7	6171.9	5213.6	3910.2	3239.3
25°	12425.3	11610.7	10973.4	10144.4	9090.2	7959.3	6876.3	6382.8	5563.4	4207.3	3344.7
22.5°	11807.2	11299.2	10772.1	9847.3	8850.6	8002.4	7187.8	6564.9	5745.5	4542.7	3387.9
20°	11840.7	11510.1	10930.3	9694.0	8807.5	8256.4	7561.6	6794.9	5941.9	4835.0	3421.4
17.5°	12377.4	11946.1	11217.8	10144.4	9195.6	8515.2	7873.0	7111.1	6143.2	5093.8	3828.7
15°	13038.7	12382.2	11620.3	10676.3	9602.9	8797.9	8112.6	7331.6	6373.2	5333.3	4192.9
12.5°	13517.9	12583.4	11869.5	11016.5	10043.8	9104.6	8270.8	7499.3	6588.8	5529.8	4466.0
10°	13680.8	12832.6	11989.3	11227.3	10269.0	9267.5	8390.6	7604.7	6775.7	5683.2	4667.3
7.5°	13767.0	13048.3	12070.7	11323.2	10403.1	9368.1	8486.4	7662.2	6924.3	5788.6	4796.7
5°	13757.5	13163.3	12133.0	11351.9	10475.0	9411.2	8553.5	7676.6	7029.7	5879.6	4873.3
2.5°	13714.3	13239.9	12233.6	11399.9	10618.8	9492.7	8682.9	7705.3	7068.0	5980.3	4926.0
0°	13872.5	13244.7	12339.1	11414.2	10714.6	9521.4	8740.4	7681.4	7015.3	6009.0	4921.2
-2.5°	13532.2	12962.0	12315.1	11289.6	10585.2	9454.4	8634.9	7604.7	6900.3	5975.5	4902.1
-5°	13474.7	12756.0	12113.8	11174.6	10369.6	9315.4	8438.5	7460.9	6718.2	5865.2	4825.4
-7.5°	13321.4	12559.5	11917.4	11083.6	10168.3	9171.6	8251.6	7312.4	6521.7	5692.7	4715.2
-10°	12986.0	12257.6	11706.5	10887.1	9924.0	8965.6	8026.4	7115.9	6291.7	5457.9	4542.7
-12.5°	12506.8	11778.4	11232.1	10470.2	9617.3	8687.7	7758.0	6862.0	6028.2	5208.8	4336.6
-15°	11965.3	11227.3	10681.1	9986.3	9162.1	8256.4	7417.8	6540.9	5726.3	4945.2	4092.3
-17.5°	11351.9	10652.3	10125.2	9449.6	8630.2	7767.6	6933.8	6138.4	5376.5	4672.1	3809.5
-20°	10642.7	9962.3	9478.3	8802.7	8050.3	7211.8	6401.9	5649.6	4964.4	4303.1	3498.1

REPORT NUMBER: P722706

CATALOG NUMBER: IFLD-L-SA7C-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°	9765.8	9166.8	8615.8	8012.0	7355.5	6588.8	5836.5	5170.4	4513.9	3867.0	3177.0
-25°	8869.7	8289.9	7753.2	7202.2	6574.4	5913.2	5271.1	4667.3	4025.2	3440.6	2865.5
-27.5°	7873.0	7355.5	6876.3	6368.4	5793.4	5223.1	4696.0	4106.6	3550.8	3052.4	2558.9
-30°	6809.2	6387.6	5970.7	5520.2	5055.4	4576.2	4106.6	3550.8	3114.7	2717.0	2300.1
-32.5°	5788.6	5410.0	5074.6	4739.2	4336.6	3943.7	3526.8	3114.7	2750.5	2400.7	2050.9
-35°	4892.5	4490.0	4303.1	4034.8	3713.7	3359.1	3018.9	2731.4	2439.1	2122.8	1811.3
-37.5°	4116.2	3857.5	3637.0	3435.8	3181.8	2875.1	2630.7	2395.9	2151.5	1864.0	1595.7
-40°	3507.6	3320.8	3100.3	2951.8	2745.7	2525.3	2280.9	2084.5	1878.4	1643.6	1423.2
-42.5°	3018.9	2865.5	2721.8	2563.6	2410.3	2223.4	2012.6	1825.7	1638.8	1466.3	1284.2
-45°	2616.4	2506.1	2391.1	2261.8	2127.6	1964.7	1792.2	1600.5	1466.3	1313.0	1159.6
-47.5°	2285.7	2204.3	2108.4	2007.8	1892.8	1749.0	1590.9	1451.9	1313.0	1183.6	1035.0
-50°	2022.2	1945.5	1868.8	1782.6	1681.9	1557.4	1437.6	1308.2	1178.8	1054.2	915.2
-52.5°	1801.7	1734.7	1672.4	1600.5	1504.6	1399.2	1289.0	1174.0	1054.2	929.6	819.4
-55°	1648.4	1571.7	1509.4	1437.6	1351.3	1250.7	1150.0	1044.6	929.6	833.8	742.7
-57.5°	1523.8	1437.6	1365.7	1289.0	1202.8	1116.5	1025.5	929.6	843.4	752.3	666.1
-60°	1418.4	1317.8	1236.3	1159.6	1078.2	996.7	920.0	838.6	757.1	675.7	589.4
-62.5°	1308.2	1202.8	1102.1	1030.3	968.0	896.1	829.0	752.3	680.4	599.0	536.7
-65°	1183.6	1083.0	987.1	924.8	867.3	805.0	742.7	675.7	613.4	551.1	493.6
-67.5°	1044.6	958.4	891.3	833.8	776.3	723.6	666.1	608.6	555.9	493.6	436.1
-70°	876.9	829.0	790.7	747.5	694.8	646.9	594.2	541.5	484.0	431.3	378.6
-72.5°	747.5	718.8	690.0	646.9	599.0	555.9	512.7	464.8	416.9	369.0	325.8
-75°	613.4	589.4	565.4	536.7	498.4	464.8	426.5	383.3	345.0	311.5	277.9
-77.5°	493.6	474.4	460.0	436.1	407.3	378.6	354.6	325.8	297.1	263.6	230.0
-80°	392.9	383.3	378.6	369.0	345.0	321.1	301.9	277.9	249.2	225.2	201.3
-82.5°	306.7	306.7	301.9	297.1	277.9	258.8	244.4	225.2	206.1	186.9	162.9
-85°	225.2	220.4	220.4	215.6	201.3	191.7	177.3	167.7	153.3	134.2	124.6
-87.5°	134.2	129.4	124.6	119.8	110.2	105.4	95.8	91.0	81.5	71.9	67.1
-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: P722706

CATALOG NUMBER: IFLD-L-SA7C-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°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	0.0	0.0
85°	14.4	9.6	9.6	9.6	9.6	9.6	4.8	4.8	4.8	4.8	4.8
82.5°	28.8	28.8	24.0	24.0	19.2	14.4	9.6	9.6	9.6	4.8	4.8
80°	43.1	43.1	43.1	38.3	33.5	24.0	19.2	14.4	9.6	4.8	4.8
77.5°	52.7	47.9	47.9	43.1	43.1	38.3	28.8	24.0	14.4	9.6	4.8
75°	52.7	52.7	52.7	47.9	47.9	43.1	38.3	28.8	24.0	14.4	9.6
72.5°	57.5	52.7	52.7	52.7	47.9	43.1	38.3	33.5	28.8	19.2	9.6
70°	52.7	52.7	52.7	52.7	47.9	47.9	38.3	33.5	33.5	19.2	14.4
67.5°	52.7	52.7	52.7	47.9	47.9	43.1	38.3	33.5	33.5	24.0	14.4
65°	57.5	52.7	52.7	52.7	47.9	43.1	38.3	33.5	33.5	28.8	19.2
62.5°	62.3	57.5	57.5	52.7	47.9	43.1	38.3	33.5	33.5	28.8	19.2
60°	67.1	62.3	57.5	57.5	52.7	47.9	38.3	38.3	33.5	28.8	19.2
57.5°	71.9	67.1	67.1	62.3	57.5	52.7	43.1	38.3	33.5	28.8	24.0
55°	86.3	76.7	71.9	71.9	67.1	57.5	47.9	38.3	33.5	28.8	24.0
52.5°	115.0	91.0	81.5	81.5	76.7	67.1	52.7	43.1	33.5	28.8	24.0
50°	182.1	115.0	95.8	86.3	86.3	76.7	62.3	47.9	33.5	28.8	24.0
47.5°	287.5	191.7	115.0	100.6	95.8	91.0	71.9	47.9	38.3	28.8	24.0
45°	474.4	282.7	186.9	119.8	100.6	95.8	81.5	52.7	38.3	33.5	24.0
42.5°	651.7	440.9	287.5	143.8	119.8	105.4	86.3	57.5	43.1	33.5	24.0
40°	1025.5	603.8	402.5	234.8	139.0	110.2	95.8	67.1	43.1	33.5	24.0
37.5°	1389.6	800.2	541.5	345.0	158.1	124.6	100.6	71.9	47.9	33.5	28.8
35°	1753.8	1121.3	670.9	460.0	210.8	148.5	105.4	76.7	47.9	33.5	28.8
32.5°	2079.7	1423.2	805.0	575.0	316.3	177.3	115.0	81.5	52.7	38.3	28.8
30°	2348.0	1701.1	1044.6	675.7	412.1	215.6	124.6	81.5	57.5	38.3	28.8
27.5°	2549.3	1916.7	1289.0	781.1	493.6	254.0	143.8	91.0	57.5	38.3	28.8
25°	2712.2	2084.5	1504.6	891.3	565.4	316.3	172.5	95.8	62.3	43.1	28.8
22.5°	2841.6	2223.4	1681.9	1039.8	651.7	378.6	210.8	105.4	62.3	43.1	28.8
20°	3018.9	2362.4	1801.7	1198.0	742.7	436.1	244.4	115.0	62.3	43.1	33.5
17.5°	3172.2	2501.4	1897.6	1332.1	833.8	479.2	282.7	124.6	67.1	43.1	33.5
15°	3349.5	2635.5	1983.8	1437.6	920.0	517.5	316.3	134.2	67.1	47.9	33.5
12.5°	3541.2	2760.1	2046.1	1523.8	1011.1	551.1	345.0	153.3	71.9	47.9	33.5
10°	3737.7	2865.5	2098.8	1586.1	1078.2	584.6	364.2	172.5	76.7	47.9	33.5
7.5°	3934.1	2961.4	2165.9	1614.9	1106.9	622.9	373.8	191.7	76.7	52.7	33.5
5°	4068.3	3023.7	2261.8	1634.0	1121.3	666.1	388.1	215.6	81.5	52.7	33.5
2.5°	4183.3	3062.0	2362.4	1648.4	1126.1	690.0	383.3	230.0	86.3	52.7	33.5
0°	4236.0	3062.0	2429.5	1638.8	1111.7	714.0	383.3	244.4	86.3	52.7	33.5
-2.5°	4154.6	3148.3	2410.3	1643.6	1116.5	714.0	402.5	249.2	95.8	57.5	33.5
-5°	4025.2	3181.8	2352.8	1619.7	1106.9	714.0	426.5	254.0	100.6	57.5	38.3
-7.5°	3900.6	3196.2	2285.7	1595.7	1092.5	694.8	431.3	249.2	110.2	62.3	38.3
-10°	3737.7	3038.0	2199.5	1552.6	1063.8	680.4	440.9	249.2	115.0	62.3	38.3
-12.5°	3550.8	2846.4	2094.0	1490.3	1030.3	666.1	445.6	249.2	119.8	67.1	38.3
-15°	3335.1	2649.9	1974.2	1423.2	982.3	646.9	436.1	244.4	124.6	67.1	43.1
-17.5°	3090.8	2458.2	1849.7	1341.7	929.6	622.9	416.9	239.6	124.6	67.1	43.1
-20°	2812.8	2266.6	1710.7	1260.3	867.3	594.2	397.7	230.0	124.6	67.1	43.1



REPORT NUMBER: P722706

CATALOG NUMBER: IFLD-L-SA7C-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°	2563.6	2089.3	1566.9	1169.2	800.2	560.6	373.8	220.4	124.6	71.9	43.1
-25°	2357.6	1916.7	1456.7	1078.2	728.4	522.3	349.8	210.8	124.6	71.9	43.1
-27.5°	2142.0	1729.9	1341.7	991.9	680.4	488.8	325.8	201.3	119.8	71.9	43.1
-30°	1921.5	1547.8	1221.9	896.1	632.5	455.2	306.7	186.9	119.8	71.9	43.1
-32.5°	1720.3	1399.2	1111.7	800.2	579.8	421.7	287.5	182.1	115.0	71.9	43.1
-35°	1523.8	1265.1	996.7	723.6	522.3	388.1	268.3	177.3	115.0	71.9	43.1
-37.5°	1360.9	1140.5	891.3	670.9	488.8	359.4	249.2	167.7	110.2	71.9	43.1
-40°	1226.7	1025.5	790.7	613.4	460.0	330.6	230.0	162.9	110.2	71.9	43.1
-42.5°	1102.1	915.2	728.4	565.4	431.3	311.5	215.6	158.1	105.4	71.9	43.1
-45°	991.9	819.4	666.1	522.3	397.7	287.5	206.1	148.5	100.6	71.9	47.9
-47.5°	881.7	752.3	608.6	484.0	364.2	258.8	196.5	143.8	95.8	67.1	47.9
-50°	795.5	680.4	560.6	440.9	330.6	249.2	186.9	134.2	95.8	67.1	47.9
-52.5°	718.8	613.4	507.9	397.7	301.9	234.8	177.3	124.6	91.0	67.1	47.9
-55°	646.9	551.1	455.2	354.6	282.7	220.4	162.9	115.0	91.0	67.1	47.9
-57.5°	575.0	493.6	402.5	321.1	258.8	206.1	153.3	115.0	91.0	67.1	47.9
-60°	517.5	440.9	364.2	297.1	239.6	186.9	139.0	110.2	86.3	67.1	47.9
-62.5°	469.6	397.7	330.6	268.3	220.4	167.7	134.2	110.2	86.3	67.1	43.1
-65°	421.7	359.4	297.1	244.4	196.5	158.1	129.4	105.4	86.3	67.1	43.1
-67.5°	373.8	316.3	268.3	215.6	182.1	153.3	124.6	105.4	81.5	62.3	43.1
-70°	325.8	277.9	234.8	201.3	172.5	143.8	119.8	100.6	81.5	57.5	38.3
-72.5°	287.5	244.4	210.8	186.9	162.9	139.0	115.0	95.8	76.7	52.7	33.5
-75°	244.4	215.6	191.7	167.7	148.5	129.4	110.2	86.3	67.1	47.9	33.5
-77.5°	206.1	186.9	167.7	153.3	134.2	115.0	95.8	76.7	62.3	43.1	28.8
-80°	177.3	162.9	148.5	134.2	119.8	100.6	86.3	67.1	52.7	38.3	24.0
-82.5°	143.8	134.2	119.8	110.2	100.6	86.3	71.9	57.5	38.3	28.8	19.2
-85°	110.2	100.6	95.8	86.3	76.7	62.3	47.9	38.3	28.8	19.2	9.6
-87.5°	57.5	52.7	47.9	43.1	38.3	28.8	24.0	19.2	14.4	9.6	4.8
-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: P722706

CATALOG NUMBER: IFLD-L-SA7C-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°	4.8	0.0	0.0	0.0
77.5°	4.8	0.0	0.0	0.0
75°	4.8	4.8	0.0	0.0
72.5°	4.8	4.8	0.0	0.0
70°	4.8	4.8	0.0	0.0
67.5°	9.6	4.8	0.0	0.0
65°	9.6	4.8	0.0	0.0
62.5°	9.6	4.8	0.0	0.0
60°	9.6	4.8	0.0	0.0
57.5°	14.4	4.8	4.8	0.0
55°	14.4	4.8	4.8	0.0
52.5°	14.4	4.8	4.8	0.0
50°	14.4	9.6	4.8	0.0
47.5°	14.4	9.6	4.8	0.0
45°	14.4	9.6	4.8	0.0
42.5°	14.4	9.6	4.8	0.0
40°	19.2	9.6	4.8	0.0
37.5°	19.2	9.6	4.8	0.0
35°	19.2	9.6	4.8	0.0
32.5°	19.2	9.6	4.8	0.0
30°	19.2	14.4	4.8	0.0
27.5°	19.2	14.4	4.8	0.0
25°	19.2	14.4	4.8	0.0
22.5°	24.0	14.4	4.8	0.0
20°	24.0	14.4	4.8	0.0
17.5°	24.0	14.4	4.8	0.0
15°	24.0	14.4	4.8	0.0
12.5°	24.0	14.4	4.8	0.0
10°	24.0	14.4	4.8	0.0
7.5°	24.0	14.4	4.8	0.0
5°	24.0	14.4	4.8	0.0
2.5°	24.0	14.4	4.8	0.0
0°	24.0	14.4	4.8	0.0
-2.5°	24.0	14.4	4.8	0.0
-5°	24.0	14.4	4.8	0.0
-7.5°	24.0	14.4	4.8	0.0
-10°	24.0	14.4	4.8	0.0
-12.5°	28.8	14.4	4.8	0.0
-15°	28.8	14.4	4.8	0.0
-17.5°	28.8	14.4	4.8	0.0
-20°	28.8	14.4	4.8	0.0

REPORT NUMBER: P722706

CATALOG NUMBER: IFLD-L-SA7C-935-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	28.8	14.4	4.8	0.0
-25°	28.8	14.4	4.8	0.0
-27.5°	28.8	14.4	4.8	0.0
-30°	28.8	14.4	4.8	0.0
-32.5°	28.8	14.4	4.8	0.0
-35°	28.8	14.4	4.8	0.0
-37.5°	28.8	14.4	4.8	0.0
-40°	28.8	14.4	4.8	0.0
-42.5°	24.0	14.4	4.8	0.0
-45°	28.8	14.4	4.8	0.0
-47.5°	28.8	14.4	4.8	0.0
-50°	28.8	14.4	4.8	0.0
-52.5°	28.8	14.4	4.8	0.0
-55°	28.8	14.4	4.8	0.0
-57.5°	28.8	14.4	4.8	0.0
-60°	28.8	14.4	4.8	0.0
-62.5°	24.0	14.4	4.8	0.0
-65°	24.0	9.6	4.8	0.0
-67.5°	24.0	9.6	4.8	0.0
-70°	24.0	9.6	4.8	0.0
-72.5°	19.2	9.6	4.8	0.0
-75°	19.2	9.6	4.8	0.0
-77.5°	14.4	4.8	0.0	0.0
-80°	14.4	4.8	0.0	0.0
-82.5°	9.6	4.8	0.0	0.0
-85°	4.8	4.8	0.0	0.0
-87.5°	4.8	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)