

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: P722704

Luminaire Tested: **IFLD-L-SA7A-935-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722704
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7A-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:	21251.8 lumens	Max Intensity:	14836.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	97.7 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:	13557.7 lumens	Field Lumens:	20035.7 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

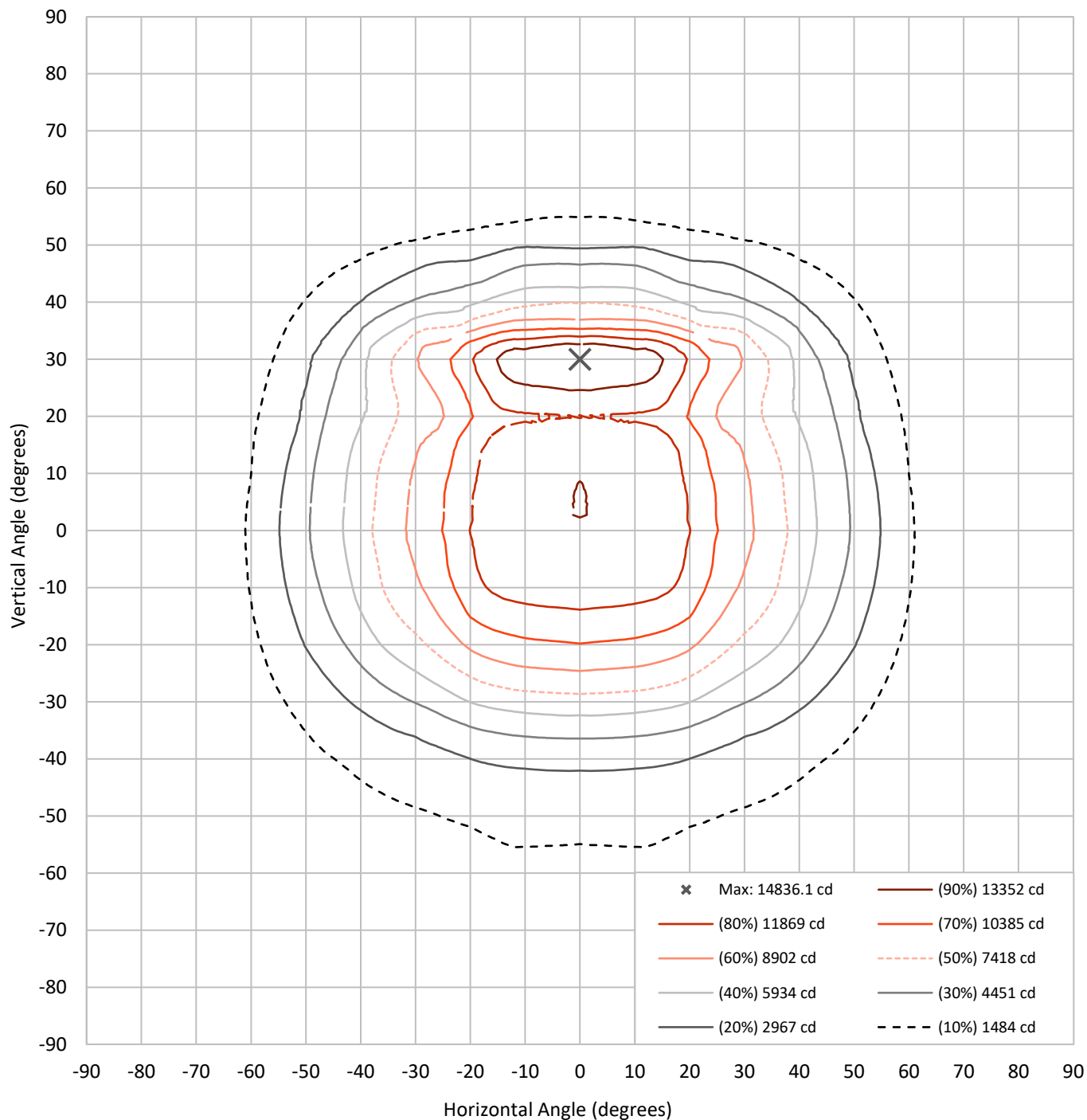
Input Watts (W): 217.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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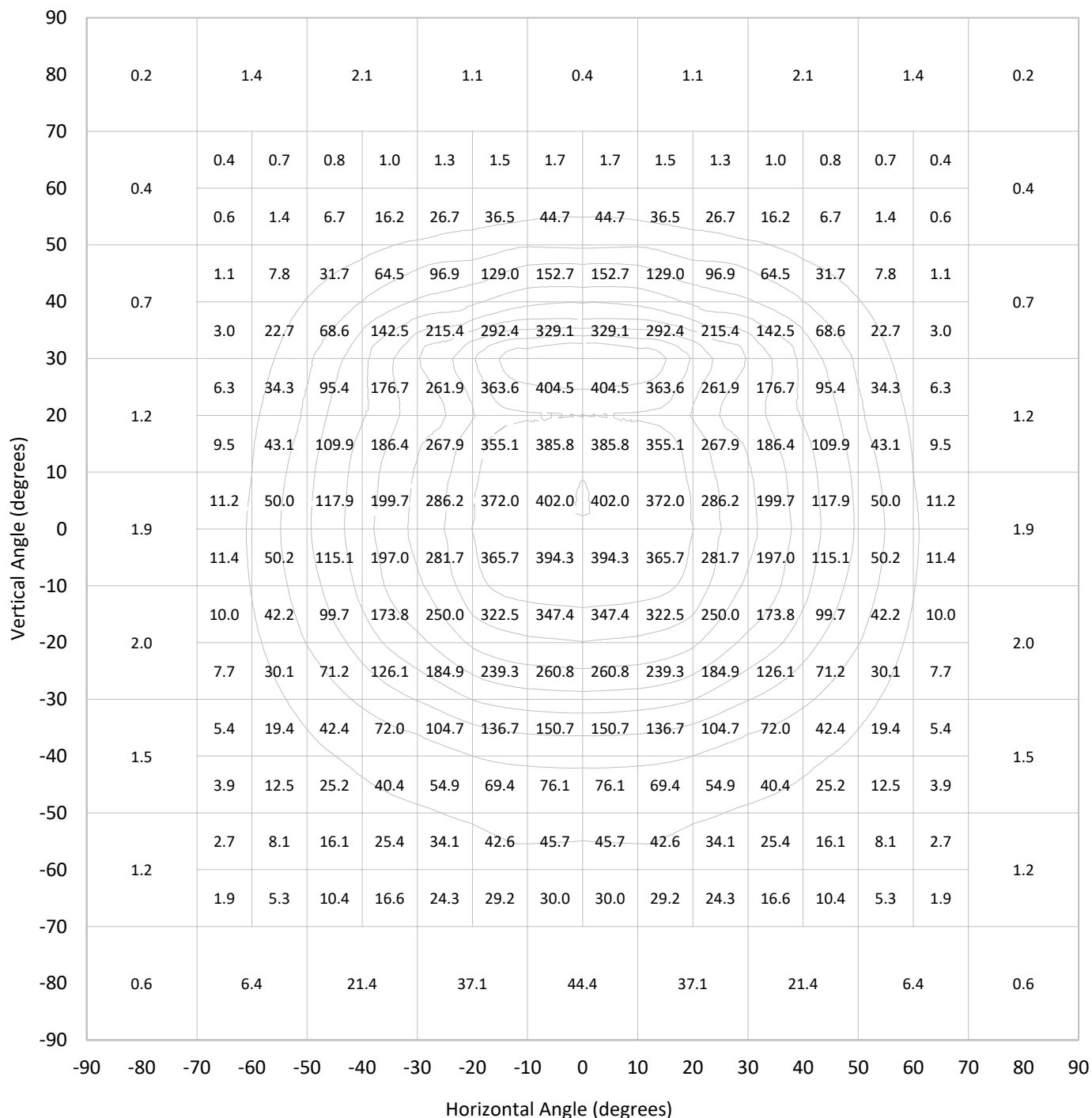
Iso-Candela Plot



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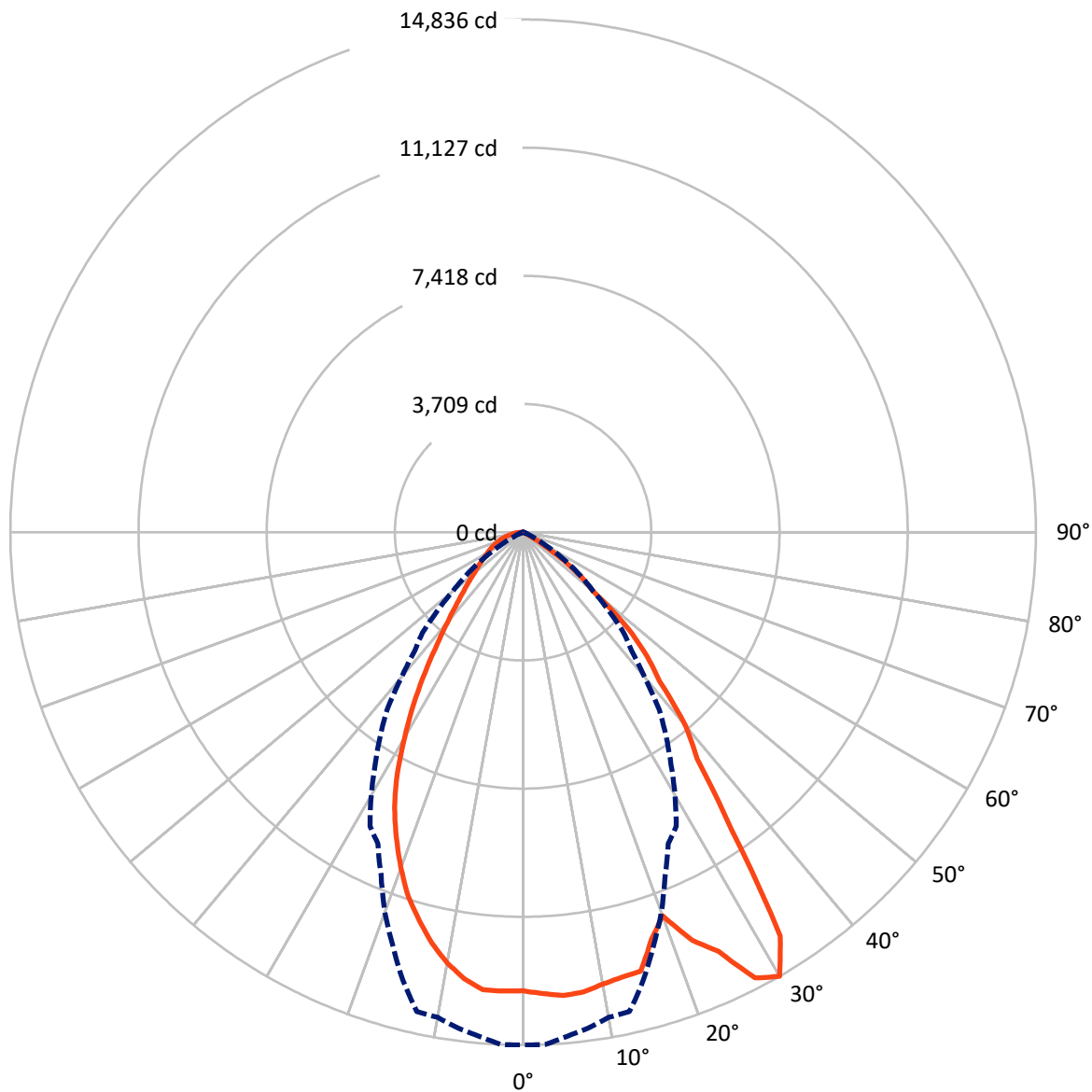
Lumen Table



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Luminous Intensity Polar Plot



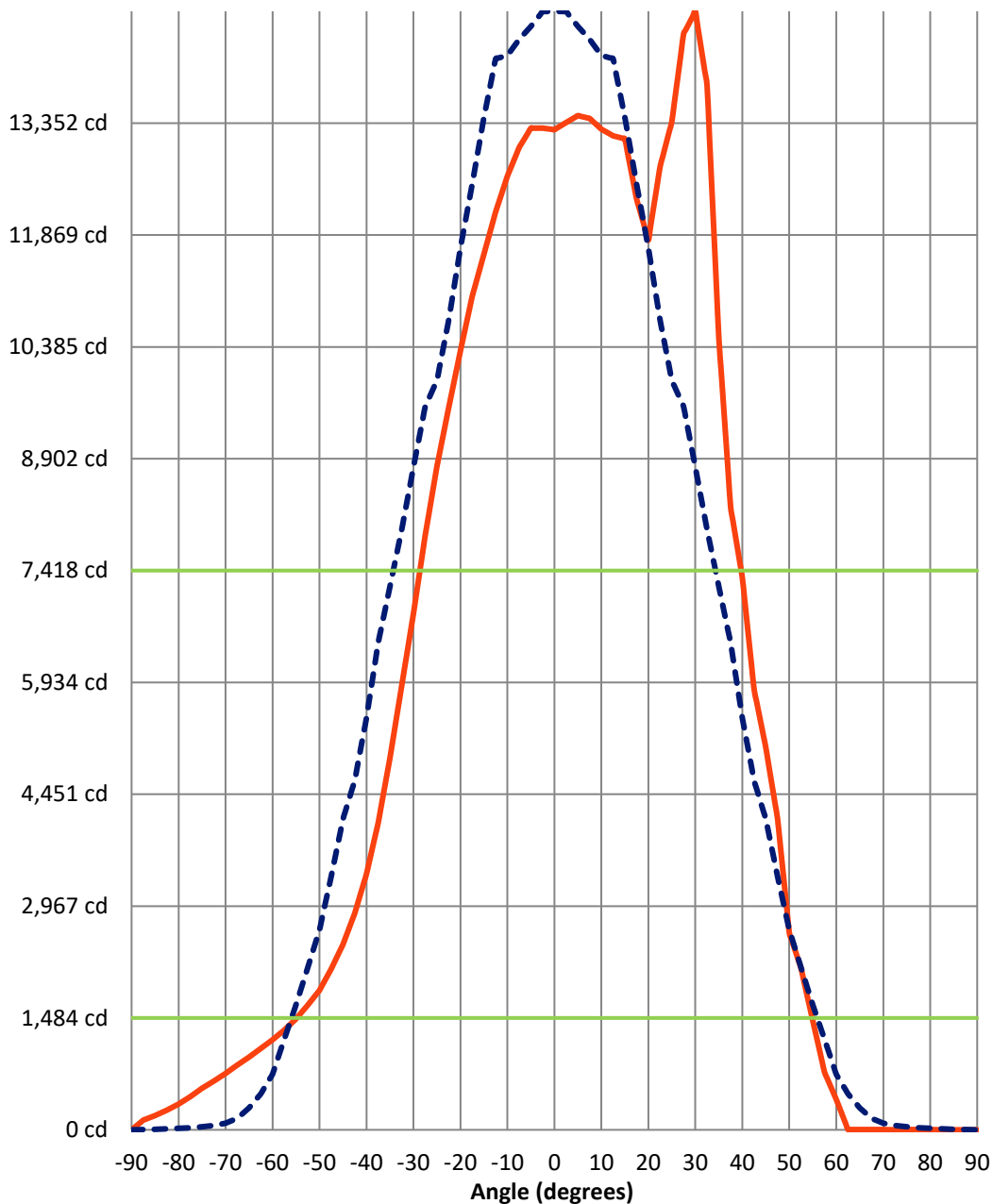
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 13557.7

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 20035.7

Efficiency: 94.3%

Spill:

Lumens: 1216.1

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	3.4	3.4	3.4	3.4	3.4	3.4	3.4
85°	0.0	3.4	3.4	3.4	6.8	6.8	6.8	6.8	6.8	6.8	10.2
82.5°	0.0	3.4	3.4	3.4	6.8	6.8	6.8	6.8	10.2	10.2	13.5
80°	3.4	3.4	3.4	3.4	6.8	6.8	6.8	10.2	10.2	13.5	13.5
77.5°	3.4	3.4	3.4	6.8	6.8	6.8	10.2	10.2	13.5	13.5	16.9
75°	3.4	3.4	3.4	6.8	6.8	10.2	10.2	10.2	13.5	13.5	16.9
72.5°	0.0	3.4	3.4	6.8	6.8	10.2	10.2	10.2	13.5	13.5	13.5
70°	3.4	3.4	3.4	6.8	6.8	10.2	10.2	10.2	13.5	13.5	13.5
67.5°	3.4	3.4	3.4	6.8	6.8	10.2	10.2	13.5	13.5	13.5	16.9
65°	3.4	3.4	3.4	6.8	10.2	10.2	13.5	16.9	16.9	20.3	23.7
62.5°	3.4	6.8	6.8	10.2	13.5	16.9	37.2	57.5	57.5	40.6	33.8
60°	402.6	436.5	433.1	392.5	341.7	287.6	277.4	267.3	247.0	216.5	226.7
57.5°	764.6	805.2	822.2	812.0	784.9	737.6	710.5	680.1	639.5	592.1	538.0
55°	1448.1	1465.0	1427.8	1356.7	1278.9	1201.1	1174.0	1133.4	1072.5	1011.6	930.4
52.5°	2141.7	2199.2	2182.3	2111.2	2006.3	1867.6	1715.4	1597.0	1525.9	1458.2	1377.0
50°	2615.4	2639.0	2686.4	2771.0	2801.4	2706.7	2459.7	2141.7	1915.0	2030.0	1942.1
47.5°	4127.7	4246.1	4222.5	4161.6	4060.1	3802.9	3457.8	3173.6	2936.8	2859.0	2872.5
45°	5071.7	5119.0	5102.1	5075.1	5027.7	4787.5	4405.2	3968.7	3748.8	3660.8	3569.5
42.5°	5846.5	5897.2	5907.4	5910.8	5860.0	5640.1	5295.0	4858.5	4638.6	4384.9	4185.2
40°	7325.0	7399.4	7314.9	7203.2	7034.0	6783.7	6445.3	6042.7	5653.6	5342.4	5105.5
37.5°	8269.0	8360.3	8394.2	8387.4	8350.2	8241.9	7825.8	7443.4	6848.0	6151.0	6276.2
35°	10508.8	10603.5	10576.4	10474.9	10420.8	10305.8	9899.8	9446.4	8698.7	7940.8	7737.8
32.5°	13848.2	14054.5	13668.8	13245.9	12985.4	13076.8	12664.0	11554.2	11209.1	9842.2	9209.6
30°	14836.1	14832.7	14636.5	14463.9	14250.8	14206.8	13428.6	12542.2	11696.3	10738.8	9940.4
27.5°	14535.0	14474.1	14308.3	14183.1	13983.5	13878.6	13117.4	12413.6	11435.8	10579.8	9808.4
25°	13374.5	13421.9	13252.7	13229.0	13151.2	12948.2	12569.2	11777.5	10904.6	9957.3	9402.4
22.5°	12775.6	12758.7	12555.7	12437.3	12532.0	12315.5	12163.2	11364.8	10454.6	9656.2	8989.6
20°	11801.2	11804.6	11753.9	11743.7	11686.2	11588.1	11466.3	10901.2	10258.4	9575.0	8773.1
17.5°	12345.9	12484.7	12545.6	12041.4	12183.5	12071.9	11943.3	11155.0	10671.2	10065.5	9020.1
15°	13144.4	13093.7	13032.8	13005.7	12927.9	12823.0	12589.5	11960.2	11127.9	10502.0	9686.6
12.5°	13185.0	13086.9	13063.2	13059.8	12978.6	12833.1	12606.5	12085.4	11347.8	10586.6	9923.4
10°	13273.0	13171.5	13158.0	13174.9	13049.7	12958.3	12731.6	12247.8	11415.5	10732.1	10106.1
7.5°	13415.1	13245.9	13323.7	13273.0	13215.5	13070.0	12826.4	12352.7	11662.5	10924.9	10268.5
5°	13452.3	13266.2	13350.8	13303.4	13218.9	13076.8	12812.8	12420.4	11814.8	11002.7	10332.8
2.5°	13361.0	13306.8	13269.6	13181.6	13144.4	12988.8	12738.4	12318.9	11743.7	10968.9	10319.3
0°	13266.2	13313.6	13229.0	13141.0	13124.1	12998.9	12785.8	12406.8	11909.5	11063.6	10434.3
-2.5°	13286.5	13249.3	13191.8	13100.4	13012.5	12833.1	12640.3	12285.0	11750.5	10857.3	10271.9
-5°	13286.5	13114.0	13120.7	13124.1	13036.2	12850.1	12616.6	12315.5	11655.7	10853.9	10224.6
-7.5°	13029.4	12880.5	12856.8	12836.5	12812.8	12640.3	12457.6	12082.0	11496.7	10765.9	10092.6
-10°	12650.4	12505.0	12518.5	12488.0	12413.6	12298.6	12159.9	11821.5	11341.1	10488.5	9825.3
-12.5°	12176.8	12112.5	12075.3	12024.5	11950.1	11848.6	11706.5	11388.4	10874.2	10146.7	9517.4
-15°	11615.1	11567.8	11533.9	11503.5	11395.2	11290.3	11104.2	10809.9	10488.5	9706.9	9064.1
-17.5°	11053.5	10935.1	10887.7	10847.1	10776.1	10606.9	10437.7	10217.8	9767.8	9148.7	8597.2
-20°	10332.8	10261.8	10204.3	10150.1	10048.6	9916.7	9778.0	9524.2	9135.1	8634.4	8062.6

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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°	9578.3	9537.7	9490.4	9422.7	9355.0	9229.9	9037.0	8793.4	8488.9	7947.6	7413.0
-25°	8800.2	8722.3	8664.8	8600.5	8546.4	8431.4	8245.3	8011.8	7629.5	7162.6	6716.0
-27.5°	7883.3	7808.8	7778.4	7703.9	7656.6	7551.7	7365.6	7149.1	6804.0	6411.5	5958.1
-30°	6848.0	6861.5	6827.7	6756.6	6699.1	6563.8	6421.6	6238.9	5968.3	5592.7	5186.7
-32.5°	5890.5	5907.4	5866.8	5792.3	5717.9	5619.8	5487.8	5322.1	5119.0	4760.4	4408.5
-35°	4933.0	4926.2	4892.4	4848.4	4797.6	4716.4	4567.6	4442.4	4208.9	3958.6	3714.9
-37.5°	4073.6	4090.5	4080.4	4056.7	3999.2	3931.5	3809.7	3694.6	3522.1	3302.2	3112.7
-40°	3393.5	3413.8	3400.3	3376.6	3325.9	3285.3	3204.1	3102.6	2963.8	2774.4	2615.4
-42.5°	2872.5	2886.0	2869.1	2848.8	2804.8	2774.4	2710.1	2625.5	2510.5	2365.0	2222.9
-45°	2459.7	2463.1	2446.2	2432.6	2398.8	2361.6	2307.5	2239.8	2148.4	2046.9	1931.9
-47.5°	2134.9	2131.5	2114.6	2101.1	2074.0	2040.2	1996.2	1935.3	1864.2	1786.4	1695.1
-50°	1850.7	1867.6	1860.9	1847.3	1827.0	1803.3	1759.4	1695.1	1624.0	1566.5	1502.2
-52.5°	1654.5	1657.9	1654.5	1654.5	1651.1	1634.2	1583.4	1519.1	1441.3	1390.6	1336.4
-55°	1471.8	1488.7	1495.5	1502.2	1505.6	1505.6	1444.7	1377.0	1302.6	1251.8	1211.2
-57.5°	1322.9	1333.1	1339.8	1356.7	1370.3	1380.4	1326.3	1265.4	1207.9	1160.5	1123.3
-60°	1194.3	1207.9	1218.0	1234.9	1245.1	1251.8	1218.0	1177.4	1143.6	1113.1	1059.0
-62.5°	1079.3	1089.4	1099.6	1109.7	1119.9	1126.7	1113.1	1092.8	1075.9	1062.4	994.7
-65°	964.3	974.4	984.6	998.1	1008.2	1015.0	1011.6	998.1	984.6	971.0	910.1
-67.5°	859.4	869.5	883.1	886.4	893.2	896.6	889.8	879.7	862.8	845.8	798.5
-70°	747.7	754.5	761.3	761.3	761.3	757.9	751.1	737.6	720.7	697.0	659.8
-72.5°	646.2	653.0	659.8	649.6	642.8	632.7	622.5	605.6	588.7	571.8	551.5
-75°	551.5	554.9	554.9	541.3	531.2	521.0	507.5	497.4	480.4	466.9	450.0
-77.5°	439.8	439.8	439.8	429.7	422.9	416.2	406.0	395.9	382.3	372.2	358.6
-80°	341.7	341.7	341.7	338.3	328.2	321.4	314.7	307.9	297.7	291.0	284.2
-82.5°	260.5	260.5	260.5	257.1	250.4	247.0	240.2	233.5	230.1	223.3	219.9
-85°	189.5	192.9	192.9	189.5	186.1	179.3	175.9	172.6	169.2	165.8	159.0
-87.5°	128.6	128.6	128.6	125.2	121.8	121.8	118.4	111.7	104.9	101.5	98.1
-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°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
85°	10.2	10.2	10.2	13.5	13.5	13.5	13.5	13.5	13.5	13.5	10.2
82.5°	16.9	16.9	20.3	20.3	23.7	23.7	23.7	23.7	23.7	23.7	23.7
80°	16.9	20.3	23.7	27.1	30.5	33.8	33.8	33.8	33.8	30.5	30.5
77.5°	20.3	20.3	23.7	27.1	30.5	33.8	37.2	40.6	37.2	37.2	37.2
75°	20.3	23.7	23.7	27.1	30.5	33.8	37.2	40.6	40.6	40.6	40.6
72.5°	16.9	20.3	23.7	27.1	27.1	30.5	33.8	33.8	37.2	37.2	40.6
70°	16.9	20.3	23.7	23.7	27.1	27.1	30.5	33.8	33.8	37.2	37.2
67.5°	20.3	23.7	23.7	27.1	30.5	30.5	30.5	33.8	33.8	37.2	37.2
65°	23.7	27.1	27.1	30.5	33.8	33.8	37.2	37.2	37.2	40.6	40.6
62.5°	40.6	40.6	40.6	37.2	40.6	40.6	40.6	44.0	44.0	40.6	44.0
60°	209.8	152.3	104.9	132.0	118.4	54.1	54.1	54.1	50.8	50.8	47.4
57.5°	494.0	460.1	395.9	335.0	301.1	267.3	165.8	67.7	67.7	60.9	54.1
55°	825.5	713.9	666.5	585.3	497.4	456.8	378.9	257.1	121.8	81.2	71.1
52.5°	1278.9	1174.0	1052.2	886.4	768.0	673.3	609.0	483.8	324.8	172.6	108.3
50°	1712.0	1664.6	1590.2	1427.8	1180.8	1021.8	916.9	774.8	581.9	355.3	203.0
47.5°	2757.5	2361.6	2121.4	1996.2	1789.8	1488.7	1285.7	1126.7	893.2	598.9	358.6
45°	3471.3	3221.0	2838.7	2574.7	2270.2	1952.2	1688.3	1505.6	1228.2	896.6	561.6
42.5°	4083.7	3867.2	3522.1	3136.4	2815.0	2398.8	2060.5	1820.3	1586.8	1224.8	839.1
40°	4872.1	4614.9	4283.4	3907.8	3532.2	3001.1	2452.9	2162.0	1904.8	1583.4	1133.4
37.5°	6171.3	5717.9	5176.6	4760.4	4269.8	3819.8	3068.7	2554.4	2249.9	1915.0	1478.5
35°	7734.4	7237.0	6333.7	5782.2	5125.8	4455.9	3779.2	3018.0	2584.9	2229.6	1796.6
32.5°	9189.3	8461.8	7304.7	6658.5	6222.0	4987.1	4286.7	3627.0	2930.0	2493.5	1979.3
30°	9591.9	8790.0	7961.1	7206.6	6462.2	5464.2	4635.2	4121.0	3363.1	2652.6	2151.8
27.5°	9185.9	8634.4	7991.5	7291.2	6485.9	5629.9	4848.4	4357.8	3681.1	2760.8	2287.2
25°	8773.1	8197.9	7747.9	7162.6	6418.3	5619.8	4855.1	4506.7	3928.1	2970.6	2361.6
22.5°	8336.6	7978.0	7605.8	6952.8	6249.1	5650.2	5075.1	4635.2	4056.7	3207.4	2392.0
20°	8360.3	8126.9	7717.5	6844.6	6218.6	5829.6	5339.0	4797.6	4195.4	3413.8	2415.7
17.5°	8739.3	8434.8	7920.5	7162.6	6492.7	6012.3	5558.9	5020.9	4337.5	3596.5	2703.3
15°	9206.2	8742.6	8204.7	7538.2	6780.3	6211.9	5728.1	5176.6	4499.9	3765.7	2960.5
12.5°	9544.5	8884.7	8380.6	7778.4	7091.6	6428.4	5839.7	5295.0	4652.1	3904.4	3153.3
10°	9659.5	9060.7	8465.2	7927.3	7250.6	6543.5	5924.3	5369.4	4784.1	4012.7	3295.4
7.5°	9720.4	9212.9	8522.7	7994.9	7345.3	6614.5	5992.0	5410.0	4889.0	4087.1	3386.8
5°	9713.7	9294.1	8566.7	8015.2	7396.1	6645.0	6039.3	5420.2	4963.4	4151.4	3440.9
2.5°	9683.2	9348.3	8637.8	8049.1	7497.6	6702.5	6130.7	5440.5	4990.5	4222.5	3478.1
0°	9794.9	9351.7	8712.2	8059.2	7565.2	6722.8	6171.3	5423.6	4953.3	4242.8	3474.7
-2.5°	9554.7	9152.0	8695.3	7971.2	7473.9	6675.4	6096.8	5369.4	4872.1	4219.1	3461.2
-5°	9514.1	9006.5	8553.2	7890.0	7321.6	6577.3	5958.1	5267.9	4743.5	4141.3	3407.1
-7.5°	9405.8	8867.8	8414.5	7825.8	7179.5	6475.8	5826.2	5163.0	4604.8	4019.5	3329.2
-10°	9169.0	8654.7	8265.6	7687.0	7007.0	6330.3	5667.2	5024.3	4442.4	3853.7	3207.4
-12.5°	8830.6	8316.3	7930.6	7392.7	6790.4	6134.1	5477.7	4845.0	4256.3	3677.7	3062.0
-15°	8448.3	7927.3	7541.5	7051.0	6469.0	5829.6	5237.5	4618.3	4043.1	3491.6	2889.4
-17.5°	8015.2	7521.2	7149.1	6672.0	6093.5	5484.5	4895.7	4334.1	3796.1	3298.8	2689.8
-20°	7514.5	7034.0	6692.3	6215.3	5684.1	5092.0	4520.2	3989.0	3505.2	3038.3	2469.9

REPORT NUMBER: P722704

CATALOG NUMBER: IFLD-L-SA7A-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°	6895.3	6472.4	6083.3	5657.0	5193.5	4652.1	4121.0	3650.7	3187.1	2730.4	2243.2
-25°	6262.6	5853.2	5474.3	5085.2	4642.0	4175.1	3721.7	3295.4	2842.0	2429.3	2023.3
-27.5°	5558.9	5193.5	4855.1	4496.5	4090.5	3687.9	3315.7	2899.6	2507.1	2155.2	1806.7
-30°	4807.8	4510.0	4215.7	3897.7	3569.5	3231.1	2899.6	2507.1	2199.2	1918.4	1624.0
-32.5°	4087.1	3819.8	3583.0	3346.2	3062.0	2784.5	2490.2	2199.2	1942.1	1695.1	1448.1
-35°	3454.4	3170.2	3038.3	2848.8	2622.1	2371.7	2131.5	1928.5	1722.1	1498.8	1278.9
-37.5°	2906.3	2723.6	2568.0	2425.9	2246.6	2030.0	1857.5	1691.7	1519.1	1316.1	1126.7
-40°	2476.6	2344.7	2189.0	2084.2	1938.7	1783.0	1610.5	1471.8	1326.3	1160.5	1004.9
-42.5°	2131.5	2023.3	1921.8	1810.1	1701.8	1569.9	1421.0	1289.1	1157.1	1035.3	906.7
-45°	1847.3	1769.5	1688.3	1597.0	1502.2	1387.2	1265.4	1130.0	1035.3	927.0	818.8
-47.5°	1613.9	1556.4	1488.7	1417.6	1336.4	1234.9	1123.3	1025.2	927.0	835.7	730.8
-50°	1427.8	1373.7	1319.5	1258.6	1187.6	1099.6	1015.0	923.7	832.3	744.3	646.2
-52.5°	1272.1	1224.8	1180.8	1130.0	1062.4	987.9	910.1	828.9	744.3	656.4	578.6
-55°	1163.9	1109.7	1065.8	1015.0	954.1	883.1	812.0	737.6	656.4	588.7	524.4
-57.5°	1075.9	1015.0	964.3	910.1	849.2	788.3	724.0	656.4	595.5	531.2	470.3
-60°	1001.5	930.4	872.9	818.8	761.3	703.7	649.6	592.1	534.6	477.1	416.2
-62.5°	923.7	849.2	778.2	727.4	683.4	632.7	585.3	531.2	480.4	422.9	378.9
-65°	835.7	764.6	697.0	653.0	612.4	568.4	524.4	477.1	433.1	389.1	348.5
-67.5°	737.6	676.7	629.3	588.7	548.1	510.9	470.3	429.7	392.5	348.5	307.9
-70°	619.2	585.3	558.3	527.8	490.6	456.8	419.5	382.3	341.7	304.5	267.3
-72.5°	527.8	507.5	487.2	456.8	422.9	392.5	362.0	328.2	294.4	260.5	230.1
-75°	433.1	416.2	399.2	378.9	351.9	328.2	301.1	270.7	243.6	219.9	196.2
-77.5°	348.5	335.0	324.8	307.9	287.6	267.3	250.4	230.1	209.8	186.1	162.4
-80°	277.4	270.7	267.3	260.5	243.6	226.7	213.2	196.2	175.9	159.0	142.1
-82.5°	216.5	216.5	213.2	209.8	196.2	182.7	172.6	159.0	145.5	132.0	115.0
-85°	159.0	155.6	155.6	152.3	142.1	135.3	125.2	118.4	108.3	94.7	88.0
-87.5°	94.7	91.4	88.0	84.6	77.8	74.4	67.7	64.3	57.5	50.8	47.4
-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: P722704

CATALOG NUMBER: IFLD-L-SA7A-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°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	0.0	0.0
85°	10.2	6.8	6.8	6.8	6.8	6.8	3.4	3.4	3.4	3.4	3.4
82.5°	20.3	20.3	16.9	16.9	13.5	10.2	6.8	6.8	6.8	3.4	3.4
80°	30.5	30.5	30.5	27.1	23.7	16.9	13.5	10.2	6.8	3.4	3.4
77.5°	37.2	33.8	33.8	30.5	30.5	27.1	20.3	16.9	10.2	6.8	3.4
75°	37.2	37.2	37.2	33.8	33.8	30.5	27.1	20.3	16.9	10.2	6.8
72.5°	40.6	37.2	37.2	37.2	33.8	30.5	27.1	23.7	20.3	13.5	6.8
70°	37.2	37.2	37.2	37.2	33.8	33.8	27.1	23.7	23.7	13.5	10.2
67.5°	37.2	37.2	37.2	33.8	33.8	30.5	27.1	23.7	23.7	16.9	10.2
65°	40.6	37.2	37.2	37.2	33.8	30.5	27.1	23.7	23.7	20.3	13.5
62.5°	44.0	40.6	40.6	37.2	33.8	30.5	27.1	23.7	23.7	20.3	13.5
60°	47.4	44.0	40.6	40.6	37.2	33.8	27.1	27.1	23.7	20.3	13.5
57.5°	50.8	47.4	47.4	44.0	40.6	37.2	30.5	27.1	23.7	20.3	16.9
55°	60.9	54.1	50.8	50.8	47.4	40.6	33.8	27.1	23.7	20.3	16.9
52.5°	81.2	64.3	57.5	57.5	54.1	47.4	37.2	30.5	23.7	20.3	16.9
50°	128.6	81.2	67.7	60.9	60.9	54.1	44.0	33.8	23.7	20.3	16.9
47.5°	203.0	135.3	81.2	71.1	67.7	64.3	50.8	33.8	27.1	20.3	16.9
45°	335.0	199.6	132.0	84.6	71.1	67.7	57.5	37.2	27.1	23.7	16.9
42.5°	460.1	311.3	203.0	101.5	84.6	74.4	60.9	40.6	30.5	23.7	16.9
40°	724.0	426.3	284.2	165.8	98.1	77.8	67.7	47.4	30.5	23.7	16.9
37.5°	981.2	565.0	382.3	243.6	111.7	88.0	71.1	50.8	33.8	23.7	20.3
35°	1238.3	791.7	473.7	324.8	148.9	104.9	74.4	54.1	33.8	23.7	20.3
32.5°	1468.4	1004.9	568.4	406.0	223.3	125.2	81.2	57.5	37.2	27.1	20.3
30°	1657.9	1201.1	737.6	477.1	291.0	152.3	88.0	57.5	40.6	27.1	20.3
27.5°	1800.0	1353.4	910.1	551.5	348.5	179.3	101.5	64.3	40.6	27.1	20.3
25°	1915.0	1471.8	1062.4	629.3	399.2	223.3	121.8	67.7	44.0	30.5	20.3
22.5°	2006.3	1569.9	1187.6	734.2	460.1	267.3	148.9	74.4	44.0	30.5	20.3
20°	2131.5	1668.0	1272.1	845.8	524.4	307.9	172.6	81.2	44.0	30.5	23.7
17.5°	2239.8	1766.1	1339.8	940.6	588.7	338.3	199.6	88.0	47.4	30.5	23.7
15°	2365.0	1860.9	1400.7	1015.0	649.6	365.4	223.3	94.7	47.4	33.8	23.7
12.5°	2500.3	1948.8	1444.7	1075.9	713.9	389.1	243.6	108.3	50.8	33.8	23.7
10°	2639.0	2023.3	1481.9	1119.9	761.3	412.8	257.1	121.8	54.1	33.8	23.7
7.5°	2777.8	2090.9	1529.3	1140.2	781.6	439.8	263.9	135.3	54.1	37.2	23.7
5°	2872.5	2134.9	1597.0	1153.7	791.7	470.3	274.1	152.3	57.5	37.2	23.7
2.5°	2953.7	2162.0	1668.0	1163.9	795.1	487.2	270.7	162.4	60.9	37.2	23.7
0°	2990.9	2162.0	1715.4	1157.1	784.9	504.1	270.7	172.6	60.9	37.2	23.7
-2.5°	2933.4	2222.9	1701.8	1160.5	788.3	504.1	284.2	175.9	67.7	40.6	23.7
-5°	2842.0	2246.6	1661.2	1143.6	781.6	504.1	301.1	179.3	71.1	40.6	27.1
-7.5°	2754.1	2256.7	1613.9	1126.7	771.4	490.6	304.5	175.9	77.8	44.0	27.1
-10°	2639.0	2145.1	1553.0	1096.2	751.1	480.4	311.3	175.9	81.2	44.0	27.1
-12.5°	2507.1	2009.7	1478.5	1052.2	727.4	470.3	314.7	175.9	84.6	47.4	27.1
-15°	2354.8	1871.0	1394.0	1004.9	693.6	456.8	307.9	172.6	88.0	47.4	30.5
-17.5°	2182.3	1735.7	1306.0	947.3	656.4	439.8	294.4	169.2	88.0	47.4	30.5
-20°	1986.0	1600.3	1207.9	889.8	612.4	419.5	280.8	162.4	88.0	47.4	30.5



REPORT NUMBER: P722704

CATALOG NUMBER: IFLD-L-SA7A-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°	1810.1	1475.2	1106.4	825.5	565.0	395.9	263.9	155.6	88.0	50.8	30.5
-25°	1664.6	1353.4	1028.5	761.3	514.3	368.8	247.0	148.9	88.0	50.8	30.5
-27.5°	1512.4	1221.4	947.3	700.4	480.4	345.1	230.1	142.1	84.6	50.8	30.5
-30°	1356.7	1092.8	862.8	632.7	446.6	321.4	216.5	132.0	84.6	50.8	30.5
-32.5°	1214.6	987.9	784.9	565.0	409.4	297.7	203.0	128.6	81.2	50.8	30.5
-35°	1075.9	893.2	703.7	510.9	368.8	274.1	189.5	125.2	81.2	50.8	30.5
-37.5°	960.9	805.2	629.3	473.7	345.1	253.8	175.9	118.4	77.8	50.8	30.5
-40°	866.1	724.0	558.3	433.1	324.8	233.5	162.4	115.0	77.8	50.8	30.5
-42.5°	778.2	646.2	514.3	399.2	304.5	219.9	152.3	111.7	74.4	50.8	30.5
-45°	700.4	578.6	470.3	368.8	280.8	203.0	145.5	104.9	71.1	50.8	33.8
-47.5°	622.5	531.2	429.7	341.7	257.1	182.7	138.7	101.5	67.7	47.4	33.8
-50°	561.6	480.4	395.9	311.3	233.5	175.9	132.0	94.7	67.7	47.4	33.8
-52.5°	507.5	433.1	358.6	280.8	213.2	165.8	125.2	88.0	64.3	47.4	33.8
-55°	456.8	389.1	321.4	250.4	199.6	155.6	115.0	81.2	64.3	47.4	33.8
-57.5°	406.0	348.5	284.2	226.7	182.7	145.5	108.3	81.2	64.3	47.4	33.8
-60°	365.4	311.3	257.1	209.8	169.2	132.0	98.1	77.8	60.9	47.4	33.8
-62.5°	331.6	280.8	233.5	189.5	155.6	118.4	94.7	77.8	60.9	47.4	30.5
-65°	297.7	253.8	209.8	172.6	138.7	111.7	91.4	74.4	60.9	47.4	30.5
-67.5°	263.9	223.3	189.5	152.3	128.6	108.3	88.0	74.4	57.5	44.0	30.5
-70°	230.1	196.2	165.8	142.1	121.8	101.5	84.6	71.1	57.5	40.6	27.1
-72.5°	203.0	172.6	148.9	132.0	115.0	98.1	81.2	67.7	54.1	37.2	23.7
-75°	172.6	152.3	135.3	118.4	104.9	91.4	77.8	60.9	47.4	33.8	23.7
-77.5°	145.5	132.0	118.4	108.3	94.7	81.2	67.7	54.1	44.0	30.5	20.3
-80°	125.2	115.0	104.9	94.7	84.6	71.1	60.9	47.4	37.2	27.1	16.9
-82.5°	101.5	94.7	84.6	77.8	71.1	60.9	50.8	40.6	27.1	20.3	13.5
-85°	77.8	71.1	67.7	60.9	54.1	44.0	33.8	27.1	20.3	13.5	6.8
-87.5°	40.6	37.2	33.8	30.5	27.1	20.3	16.9	13.5	10.2	6.8	3.4
-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: P722704

CATALOG NUMBER: IFLD-L-SA7A-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°	3.4	0.0	0.0	0.0
77.5°	3.4	0.0	0.0	0.0
75°	3.4	3.4	0.0	0.0
72.5°	3.4	3.4	0.0	0.0
70°	3.4	3.4	0.0	0.0
67.5°	6.8	3.4	0.0	0.0
65°	6.8	3.4	0.0	0.0
62.5°	6.8	3.4	0.0	0.0
60°	6.8	3.4	0.0	0.0
57.5°	10.2	3.4	3.4	0.0
55°	10.2	3.4	3.4	0.0
52.5°	10.2	3.4	3.4	0.0
50°	10.2	6.8	3.4	0.0
47.5°	10.2	6.8	3.4	0.0
45°	10.2	6.8	3.4	0.0
42.5°	10.2	6.8	3.4	0.0
40°	13.5	6.8	3.4	0.0
37.5°	13.5	6.8	3.4	0.0
35°	13.5	6.8	3.4	0.0
32.5°	13.5	6.8	3.4	0.0
30°	13.5	6.8	3.4	0.0
27.5°	13.5	10.2	3.4	0.0
25°	13.5	10.2	3.4	0.0
22.5°	16.9	10.2	3.4	0.0
20°	16.9	10.2	3.4	0.0
17.5°	16.9	10.2	3.4	0.0
15°	16.9	10.2	3.4	0.0
12.5°	16.9	10.2	3.4	0.0
10°	16.9	10.2	3.4	0.0
7.5°	16.9	10.2	3.4	0.0
5°	16.9	10.2	3.4	0.0
2.5°	16.9	10.2	3.4	0.0
0°	16.9	10.2	3.4	0.0
-2.5°	16.9	10.2	3.4	0.0
-5°	16.9	10.2	3.4	0.0
-7.5°	16.9	10.2	3.4	0.0
-10°	16.9	10.2	3.4	0.0
-12.5°	20.3	10.2	3.4	0.0
-15°	20.3	10.2	3.4	0.0
-17.5°	20.3	10.2	3.4	0.0
-20°	20.3	10.2	3.4	0.0



REPORT NUMBER: P722704

CATALOG NUMBER: IFLD-L-SA7A-935-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	20.3	10.2	3.4	0.0
-25°	20.3	10.2	3.4	0.0
-27.5°	20.3	10.2	3.4	0.0
-30°	20.3	10.2	3.4	0.0
-32.5°	20.3	10.2	3.4	0.0
-35°	20.3	10.2	3.4	0.0
-37.5°	20.3	10.2	3.4	0.0
-40°	20.3	10.2	3.4	0.0
-42.5°	16.9	10.2	3.4	0.0
-45°	20.3	10.2	3.4	0.0
-47.5°	20.3	10.2	3.4	0.0
-50°	20.3	10.2	3.4	0.0
-52.5°	20.3	10.2	3.4	0.0
-55°	20.3	10.2	3.4	0.0
-57.5°	20.3	10.2	3.4	0.0
-60°	20.3	10.2	3.4	0.0
-62.5°	16.9	10.2	3.4	0.0
-65°	16.9	6.8	3.4	0.0
-67.5°	16.9	6.8	3.4	0.0
-70°	16.9	6.8	3.4	0.0
-72.5°	13.5	6.8	3.4	0.0
-75°	13.5	6.8	3.4	0.0
-77.5°	10.2	3.4	0.0	0.0
-80°	10.2	3.4	0.0	0.0
-82.5°	6.8	3.4	0.0	0.0
-85°	3.4	3.4	0.0	0.0
-87.5°	3.4	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)