

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: P722158

Luminaire Tested: **IFLD-L-SA8A-760-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722158
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8A-760-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (128) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

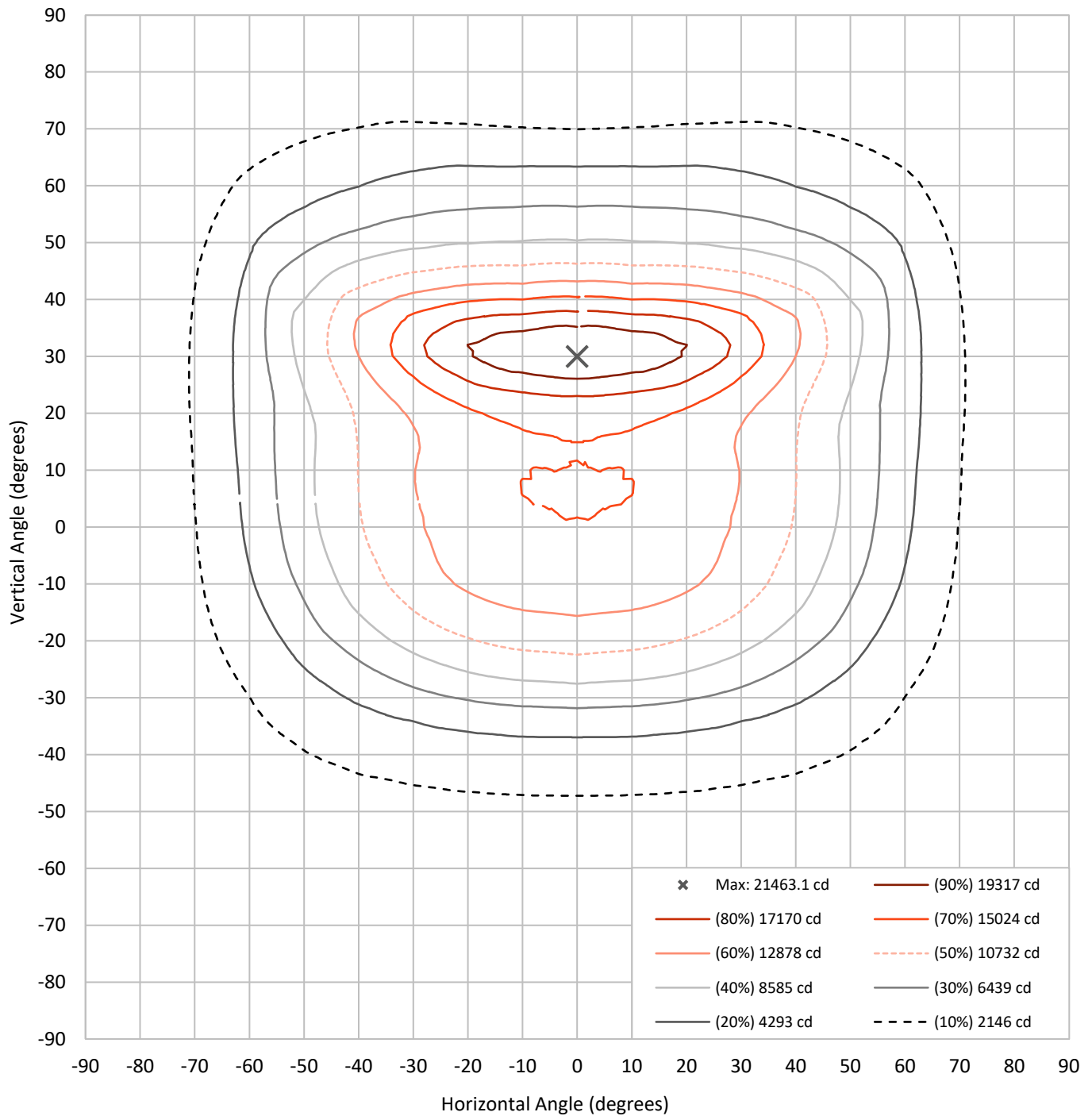
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	35827.4 lumens	Max Intensity:	21463.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	144.6 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	20834 lumens	Field Lumens:	33574.9 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 247.8
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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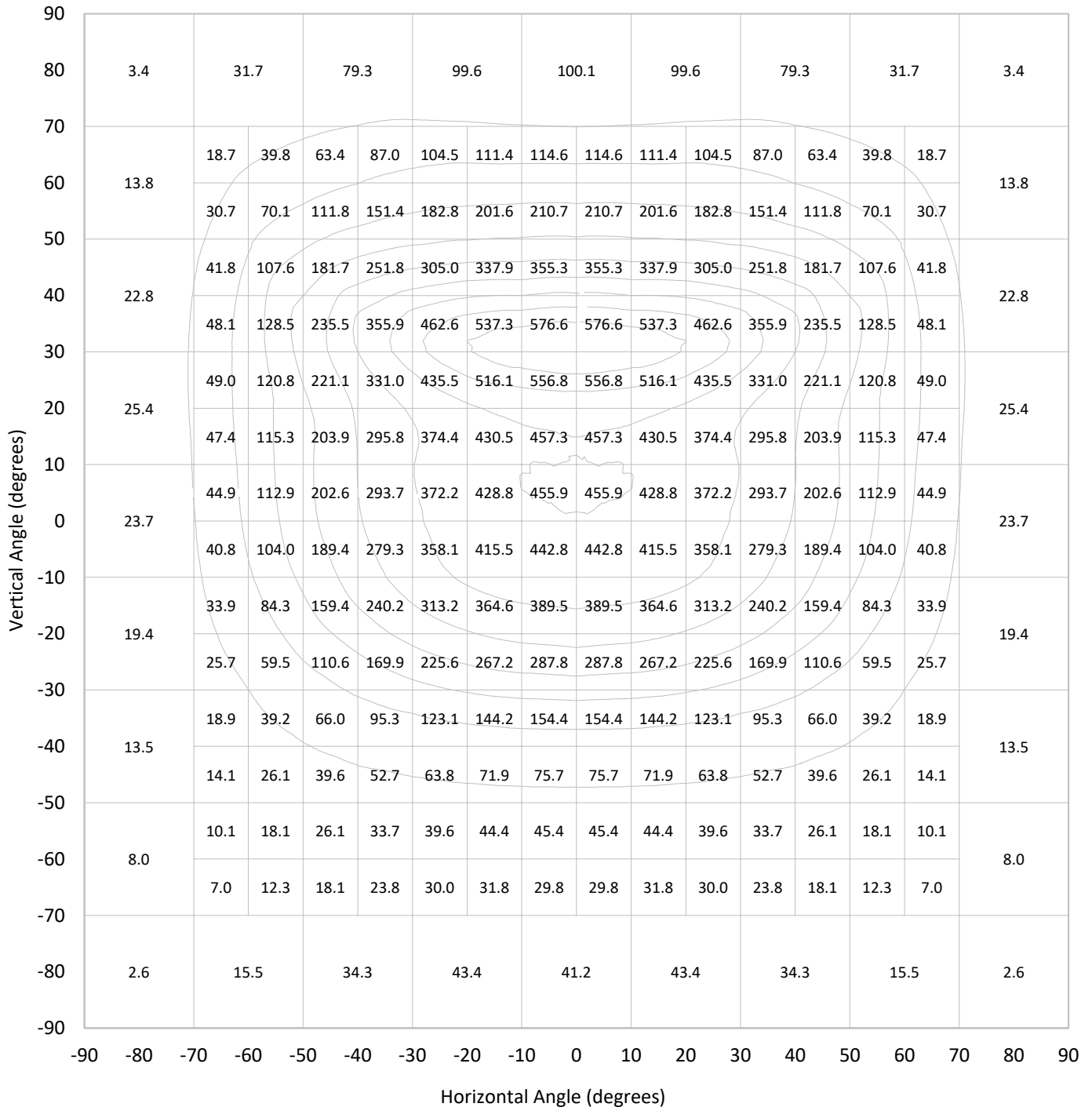
Iso-Candela Plot





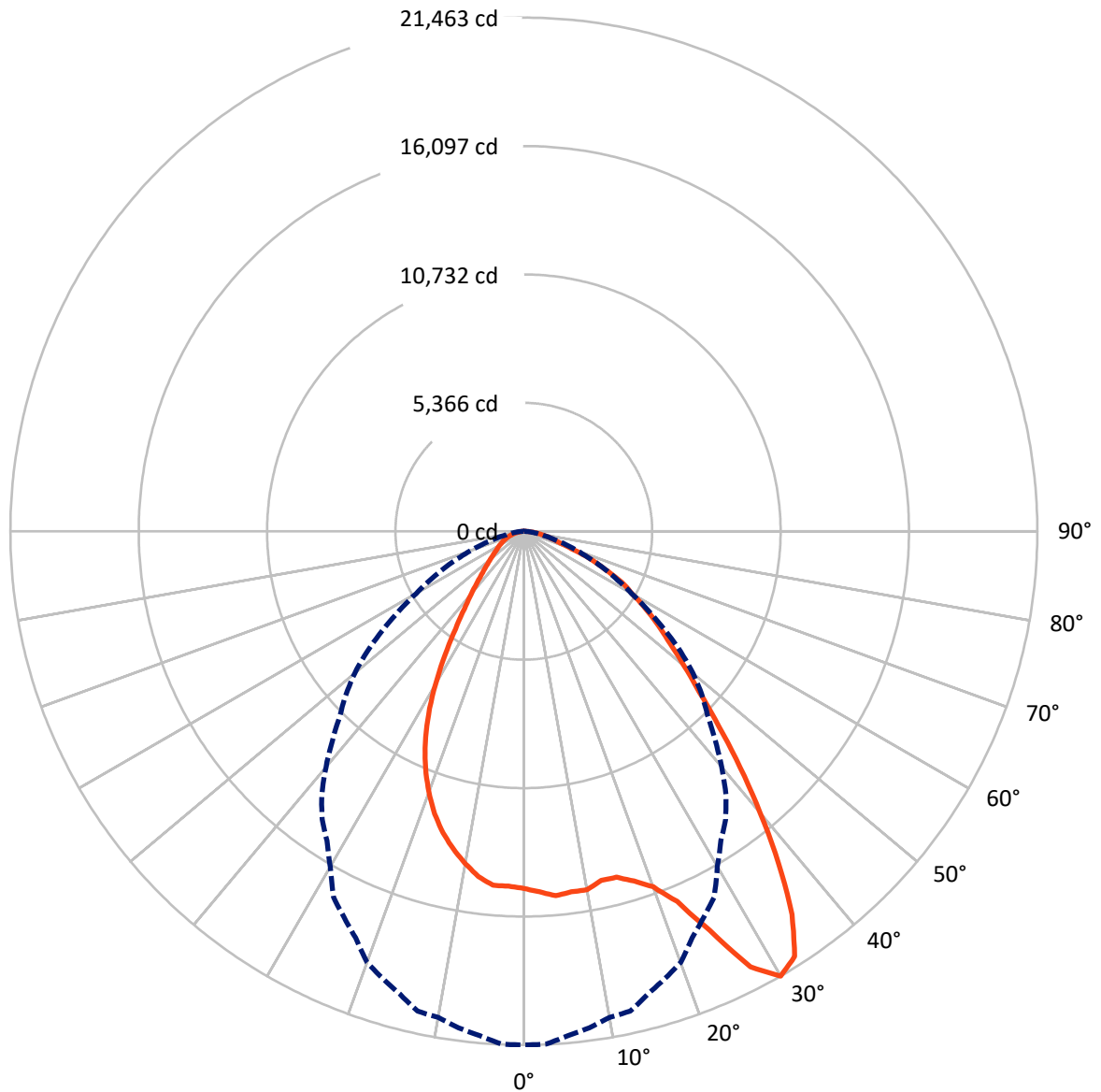
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Lumen Table



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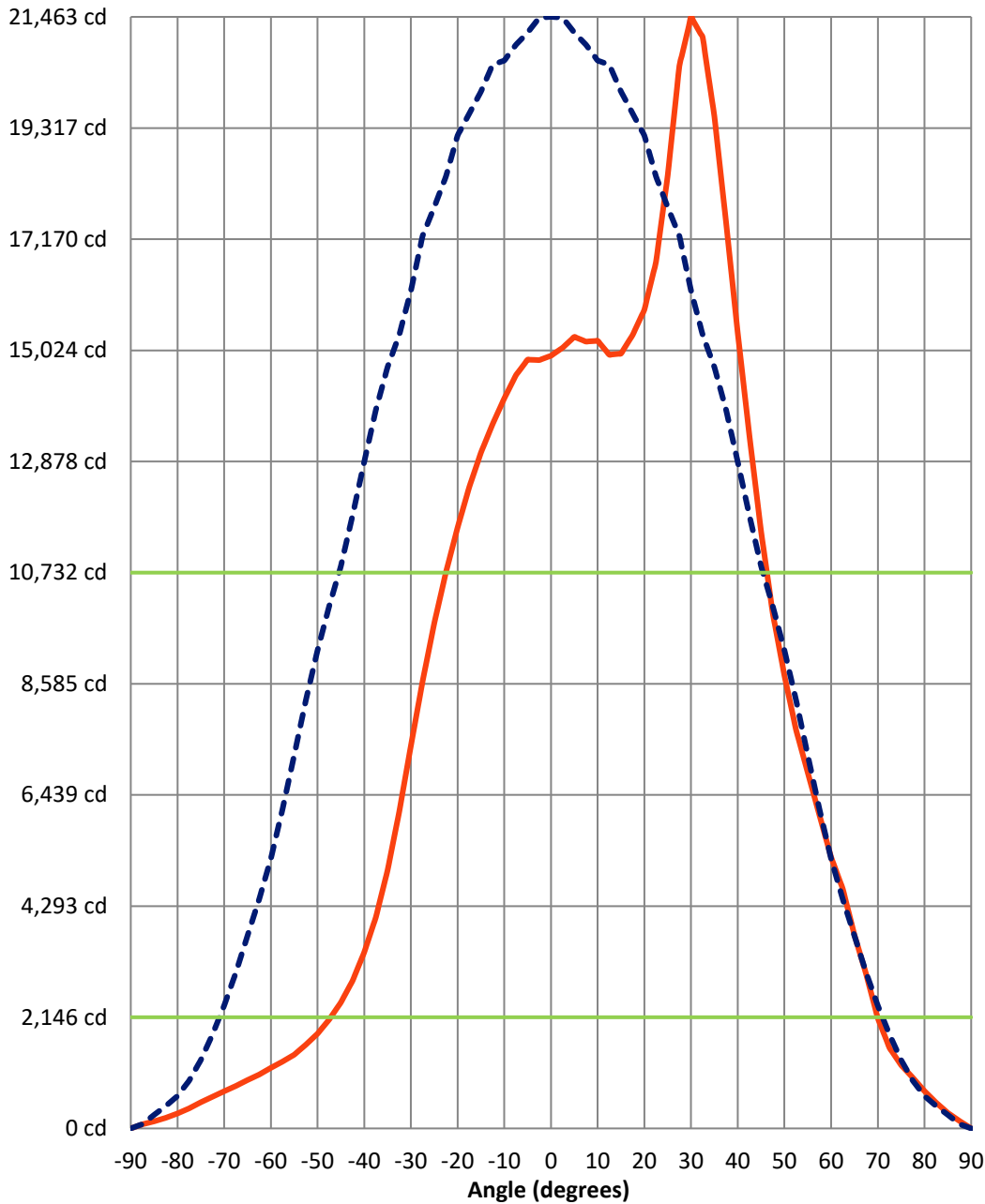
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 20834
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 33574.9
 Efficiency: 93.7%

Spill:
 Lumens: 2252.5
 Efficiency: 6.3%

— 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°	144.2	148.0	151.8	151.8	148.0	148.0	148.0	144.2	148.0	148.0	148.0
85°	299.8	307.4	315.0	311.2	307.4	299.8	292.2	296.0	299.8	303.6	303.6
82.5°	497.2	508.6	516.2	512.4	504.8	497.2	489.6	493.4	501.0	504.8	504.8
80°	721.1	724.9	728.7	736.3	724.9	724.9	721.1	736.3	743.9	751.5	759.1
77.5°	979.2	983.0	983.0	986.8	990.6	994.4	994.4	1021.0	1039.9	1051.3	1062.7
75°	1222.1	1233.5	1244.9	1256.3	1271.5	1279.1	1290.4	1328.4	1358.8	1381.5	1404.3
72.5°	1556.1	1571.3	1590.3	1616.9	1643.4	1662.4	1689.0	1734.5	1768.7	1791.4	1818.0
70°	2129.2	2144.4	2163.4	2182.4	2208.9	2227.9	2254.5	2311.4	2345.6	2360.8	2375.9
67.5°	2979.4	3017.4	3051.5	3013.6	2994.6	2968.0	2975.6	3028.8	3062.9	3085.7	3081.9
65°	3734.7	3761.3	3761.3	3757.5	3742.3	3708.1	3727.1	3791.6	3829.6	3848.6	3791.6
62.5°	4622.8	4622.8	4603.9	4634.2	4638.0	4615.2	4603.9	4607.6	4611.4	4622.8	4527.9
60°	5237.7	5275.6	5287.0	5313.6	5321.2	5321.2	5340.2	5355.3	5355.3	5332.6	5222.5
57.5°	6049.9	6122.0	6137.2	6118.2	6080.3	6030.9	6023.3	6000.6	5955.0	5909.5	5856.3
55°	6869.7	6907.7	6903.9	6892.5	6854.5	6797.6	6805.2	6774.8	6702.7	6645.8	6573.7
52.5°	7693.3	7784.4	7799.6	7776.8	7723.7	7663.0	7666.8	7632.6	7560.5	7499.8	7401.1
50°	8744.7	8820.6	8813.0	8775.0	8699.1	8653.6	8657.4	8592.8	8509.3	8490.4	8361.3
47.5°	9947.8	10035.1	10019.9	9966.8	9864.3	9845.3	9864.3	9780.8	9731.5	9689.7	9537.9
45°	11526.7	11629.2	11572.3	11469.8	11306.6	11325.6	11352.1	11336.9	11230.7	11120.6	10927.0
42.5°	13378.9	13443.4	13375.1	13272.6	13067.7	13105.6	13090.4	12999.3	12934.8	12752.6	12505.9
40°	15360.1	15500.5	15394.3	15234.8	15022.3	15079.2	15037.5	14919.8	14768.0	14540.3	14229.1
37.5°	17496.9	17607.0	17485.5	17299.6	17109.8	17090.8	17007.3	16825.1	16608.8	16358.3	15861.1
35°	19542.7	19827.3	19603.4	19307.3	19075.8	18988.5	18908.8	18487.5	18240.8	17834.7	17155.3
32.5°	21064.6	21273.4	20996.3	20688.9	20408.0	20286.6	20005.7	19504.7	19371.9	18517.9	17895.4
30°	21463.1	21448.0	21159.5	20924.2	20620.6	20537.1	20020.9	19595.8	19170.7	18381.3	17789.2
27.5°	20514.3	20419.4	20142.3	19937.4	19637.5	19538.9	19030.3	18802.5	18145.9	17477.9	16976.9
25°	18400.2	18449.6	18240.8	18138.3	17941.0	17728.4	17527.3	17219.9	16809.9	16225.5	15766.2
22.5°	16734.0	16798.6	16711.3	16589.8	16438.0	16320.3	16168.5	15929.4	15534.7	15174.1	14741.4
20°	15808.0	15789.0	15713.1	15622.0	15477.8	15394.3	15227.3	15026.1	14722.5	14411.2	13944.4
17.5°	15322.1	15204.5	15132.4	15098.2	15022.3	14916.0	14718.7	14513.7	14278.4	13925.4	13583.8
15°	14961.6	14980.6	14923.6	14897.1	14836.3	14688.3	14487.1	14320.1	14001.3	13822.9	13511.7
12.5°	14938.8	14919.8	14923.6	14912.2	14836.3	14646.6	14544.1	14331.5	14126.6	13891.3	13534.5
10°	15208.3	15007.1	15022.3	15075.4	14954.0	14802.2	14692.1	14460.6	14267.0	13967.2	13614.2
7.5°	15193.1	15090.6	15121.0	15033.7	15071.6	14885.7	14733.8	14502.3	14259.4	13940.6	13621.8
5°	15284.2	15128.6	15102.0	15109.6	15014.7	14874.3	14669.3	14449.2	14221.5	13864.7	13538.3
2.5°	15075.4	15098.2	14976.8	14931.2	14919.8	14684.5	14494.7	14282.2	14046.9	13731.9	13439.6
0°	14919.8	14961.6	14836.3	14771.8	14768.0	14566.8	14445.4	14202.5	14035.5	13773.6	13420.6
-2.5°	14836.3	14885.7	14900.8	14783.2	14669.3	14513.7	14308.8	14046.9	13773.6	13470.0	13166.3
-5°	14843.9	14745.2	14703.5	14741.4	14642.8	14487.1	14259.4	14027.9	13758.4	13432.0	13052.5
-7.5°	14544.1	14445.4	14437.8	14418.8	14396.1	14248.0	14058.3	13807.8	13534.5	13230.9	12877.9
-10°	14096.2	14024.1	14005.1	13986.1	13925.4	13838.1	13659.7	13432.0	13185.3	12881.7	12505.9
-12.5°	13599.0	13564.9	13492.7	13443.4	13382.7	13280.2	13109.4	12900.7	12654.0	12384.5	12061.9
-15°	13048.7	12984.2	12912.0	12870.3	12783.0	12661.5	12490.7	12297.2	12027.7	11762.0	11458.4
-17.5°	12384.5	12304.8	12225.1	12213.7	12153.0	11967.0	11807.6	11572.3	11336.9	11082.6	10786.6
-20°	11602.6	11492.6	11439.4	11409.1	11325.6	11188.9	11018.1	10801.8	10574.1	10331.2	9989.6



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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°	10737.3	10642.4	10551.3	10494.4	10422.2	10316.0	10152.8	9963.0	9739.1	9465.8	9150.8
-25°	9754.2	9621.4	9564.5	9500.0	9462.0	9363.3	9203.9	9029.3	8797.8	8532.1	8232.3
-27.5°	8630.8	8524.5	8494.2	8403.1	8357.5	8255.1	8122.2	7959.0	7746.5	7496.0	7249.3
-30°	7389.7	7325.2	7275.8	7184.7	7150.6	7040.5	6953.2	6816.6	6623.0	6444.6	6247.3
-32.5°	6114.4	6049.9	6034.7	5993.0	5970.2	5898.1	5799.4	5700.7	5545.1	5412.3	5252.9
-35°	4983.4	4937.9	4941.6	4937.9	4915.1	4861.9	4740.5	4713.9	4600.1	4478.6	4376.1
-37.5°	4080.1	4083.9	4080.1	4076.3	4045.9	4023.2	3935.9	3901.7	3833.4	3715.7	3655.0
-40°	3400.7	3408.3	3404.5	3396.9	3362.7	3351.4	3294.4	3248.9	3222.3	3138.8	3074.3
-42.5°	2850.4	2861.8	2858.0	2854.2	2831.4	2827.6	2797.2	2744.1	2728.9	2679.6	2611.3
-45°	2432.9	2429.1	2421.5	2429.1	2417.7	2406.3	2387.3	2353.2	2334.2	2311.4	2254.5
-47.5°	2102.7	2106.5	2098.9	2098.9	2083.7	2072.3	2064.7	2041.9	2026.8	2007.8	1973.6
-50°	1829.4	1844.6	1840.8	1837.0	1825.6	1818.0	1818.0	1795.2	1772.5	1764.9	1742.1
-52.5°	1616.9	1628.2	1632.0	1639.6	1643.4	1647.2	1635.8	1613.1	1575.1	1571.3	1559.9
-55°	1423.3	1457.4	1480.2	1495.4	1510.6	1522.0	1499.2	1468.8	1430.9	1415.7	1411.9
-57.5°	1290.4	1324.6	1351.2	1373.9	1392.9	1411.9	1389.1	1358.8	1324.6	1305.6	1301.8
-60°	1169.0	1199.4	1225.9	1256.3	1282.9	1313.2	1301.8	1279.1	1260.1	1244.9	1229.7
-62.5°	1039.9	1070.3	1100.7	1138.6	1172.8	1203.2	1206.9	1203.2	1199.4	1203.2	1176.6
-65°	933.7	948.9	967.8	1009.6	1047.5	1081.7	1100.7	1112.1	1131.0	1150.0	1123.4
-67.5°	819.8	838.8	861.6	891.9	922.3	945.1	971.6	1002.0	1032.4	1062.7	1043.7
-70°	717.3	732.5	751.5	766.7	785.7	800.8	823.6	857.8	891.9	922.3	914.7
-72.5°	611.1	626.2	637.6	645.2	656.6	664.2	675.6	705.9	728.7	743.9	743.9
-75°	504.8	520.0	531.4	535.2	542.7	546.5	554.1	565.5	576.9	580.7	584.5
-77.5°	387.1	402.3	413.7	421.3	428.9	436.5	440.3	447.9	451.7	451.7	455.5
-80°	288.5	299.8	307.4	318.8	322.6	330.2	337.8	341.6	345.4	345.4	349.2
-82.5°	205.0	212.5	220.1	227.7	235.3	239.1	246.7	250.5	254.3	258.1	261.9
-85°	136.6	144.2	151.8	159.4	163.2	167.0	170.8	174.6	178.4	182.2	186.0
-87.5°	79.7	83.5	87.3	94.9	98.7	106.3	110.1	106.3	110.1	110.1	110.1
-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°	148.0	148.0	148.0	148.0	144.2	136.6	132.8	125.2	117.7	110.1	102.5
85°	307.4	311.2	311.2	311.2	303.6	299.8	288.5	277.1	261.9	239.1	220.1
82.5°	512.4	516.2	516.2	512.4	504.8	493.4	478.2	459.2	428.9	398.5	372.0
80°	770.5	774.3	774.3	770.5	751.5	732.5	713.5	690.8	652.8	611.1	565.5
77.5°	1077.9	1085.5	1085.5	1074.1	1047.5	1024.8	994.4	956.4	899.5	838.8	778.1
75°	1434.7	1453.6	1457.4	1446.1	1411.9	1370.1	1320.8	1256.3	1169.0	1093.1	1021.0
72.5°	1848.4	1867.4	1882.5	1867.4	1818.0	1761.1	1689.0	1613.1	1525.8	1423.3	1301.8
70°	2391.1	2410.1	2421.5	2372.1	2284.8	2190.0	2102.7	2015.4	1912.9	1787.6	1654.8
67.5°	3074.3	3055.3	3032.5	2933.9	2823.8	2709.9	2588.5	2459.4	2326.6	2193.8	2038.1
65°	3730.9	3677.8	3628.4	3510.8	3370.3	3222.3	3081.9	2937.7	2778.3	2611.3	2463.2
62.5°	4421.7	4307.8	4186.4	4042.1	3897.9	3734.7	3594.3	3423.5	3245.1	3040.1	2850.4
60°	5101.1	4964.4	4843.0	4664.6	4474.8	4254.7	4102.9	3935.9	3727.1	3507.0	3283.0
57.5°	5757.7	5609.6	5476.8	5321.2	5116.2	4877.1	4710.1	4493.8	4273.7	3996.6	3768.9
55°	6456.0	6308.0	6201.7	6027.1	5803.2	5583.1	5400.9	5173.2	4865.7	4569.7	4288.8
52.5°	7256.9	7139.2	7025.3	6847.0	6577.5	6353.5	6152.4	5898.1	5575.5	5211.1	4873.3
50°	8152.6	8091.9	7970.4	7761.6	7454.2	7256.9	6991.2	6653.4	6308.0	5924.7	5503.4
47.5°	9340.5	9241.9	9071.1	8843.3	8585.3	8289.2	7932.4	7537.7	7048.1	6623.0	6175.2
45°	10760.0	10577.9	10357.7	10050.3	9731.5	9397.5	9006.5	8505.6	7848.9	7294.8	6824.2
42.5°	12297.2	12050.5	11750.6	11348.3	10934.6	10524.7	10103.4	9420.2	8600.4	7962.8	7431.4
40°	13902.6	13587.6	13211.9	12627.4	12168.1	11640.6	11158.6	10137.6	9264.6	8573.9	8008.4
37.5°	15474.0	15075.4	14445.4	13735.7	13200.5	12767.8	11708.9	10615.8	9834.0	9074.9	8501.8
35°	16677.1	16339.3	15227.3	14490.9	14031.7	13348.5	12023.9	10904.3	10076.9	9446.8	8554.9
32.5°	17390.6	16517.7	15542.3	14798.4	14418.8	13299.2	12046.7	10987.8	10190.7	9484.8	8418.3
30°	17231.2	16176.1	15322.1	14699.7	13876.1	12870.3	11834.1	10858.7	10084.4	9230.5	8266.4
27.5°	16271.0	15455.0	14692.1	14043.1	13234.7	12331.3	11374.9	10517.1	9796.0	8968.6	8057.7
25°	15185.5	14445.4	13879.9	13314.4	12547.7	11686.1	10843.5	10224.9	9500.0	8683.9	7784.4
22.5°	14187.3	13655.9	13211.9	12619.8	11872.1	11120.6	10596.8	9955.4	9211.5	8384.1	7503.6
20°	13549.7	13189.1	12680.5	12027.7	11439.4	10968.8	10388.1	9708.7	8942.0	8076.7	7264.4
17.5°	13242.2	12824.7	12259.2	11834.1	11382.5	10866.3	10217.3	9496.2	8680.1	7936.2	7291.0
15°	13082.8	12642.6	12270.6	11853.1	11344.5	10801.8	10080.7	9333.0	8680.1	7993.2	7310.0
12.5°	13117.0	12737.5	12331.3	11875.9	11329.3	10748.6	10095.8	9401.3	8725.7	8034.9	7313.8
10°	13223.3	12824.7	12392.1	11887.3	11336.9	10763.8	10137.6	9443.0	8748.5	8053.9	7306.2
7.5°	13261.2	12828.5	12365.5	11856.9	11318.0	10756.2	10145.2	9454.4	8752.3	8050.1	7283.4
5°	13143.6	12752.6	12304.8	11792.4	11264.8	10718.3	10114.8	9439.2	8721.9	8012.1	7226.5
2.5°	12984.2	12669.1	12240.3	11746.8	11211.7	10665.1	10065.5	9370.9	8653.6	7943.8	7154.4
0°	12957.6	12566.7	12134.0	11693.7	11124.4	10547.5	9951.6	9241.9	8528.3	7814.8	7029.1
-2.5°	12783.0	12369.3	11936.6	11458.4	10957.4	10376.7	9750.5	9055.9	8349.9	7647.8	6892.5
-5°	12650.2	12190.9	11731.7	11215.5	10710.7	10130.0	9481.0	8805.4	8114.6	7431.4	6702.7
-7.5°	12471.8	12001.1	11519.1	10980.2	10433.6	9841.5	9200.1	8524.5	7845.1	7165.8	6467.4
-10°	12111.2	11697.5	11245.8	10687.9	10111.0	9518.9	8881.3	8217.1	7537.7	6850.7	6148.6
-12.5°	11674.7	11238.3	10744.9	10232.5	9716.3	9166.0	8528.3	7875.5	7192.3	6501.6	5803.2
-15°	11109.2	10680.3	10175.5	9674.5	9177.3	8649.8	8088.1	7499.8	6805.2	6125.8	5427.5
-17.5°	10403.3	10000.9	9549.3	9071.1	8577.7	8046.3	7499.8	7002.6	6353.5	5715.9	5025.1
-20°	9644.2	9268.4	8862.3	8410.7	7917.3	7397.3	6881.1	6361.1	5799.4	5237.7	4596.3



REPORT NUMBER: P722158
 CATALOG NUMBER: IFLD-L-SA8A-760-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	8854.7	8475.2	8065.3	7644.0	7188.5	6706.5	6228.3	5731.1	5237.7	4729.1	4186.4
-25°	7943.8	7609.8	7234.1	6824.2	6418.1	5996.8	5541.3	5089.7	4668.4	4228.1	3784.0
-27.5°	6991.2	6683.7	6342.2	5985.4	5636.2	5283.2	4888.5	4471.0	4121.8	3757.5	3389.3
-30°	5989.2	5742.5	5465.4	5154.2	4884.7	4600.1	4269.9	3924.5	3605.7	3328.6	3032.5
-32.5°	5040.3	4831.6	4634.2	4429.3	4163.6	3943.4	3715.7	3461.4	3180.6	2918.7	2706.1
-35°	4224.3	4000.4	3916.9	3765.1	3575.3	3381.7	3214.7	3032.5	2820.0	2588.5	2413.9
-37.5°	3537.3	3404.5	3286.8	3203.3	3078.1	2922.5	2789.6	2656.8	2493.6	2319.0	2144.4
-40°	3002.2	2911.1	2782.0	2740.3	2660.6	2554.3	2417.7	2315.2	2205.1	2072.3	1924.3
-42.5°	2573.3	2505.0	2421.5	2349.4	2315.2	2239.3	2133.0	2034.3	1947.1	1856.0	1742.1
-45°	2220.3	2174.8	2121.6	2057.1	2030.6	1969.8	1893.9	1783.9	1734.5	1658.6	1575.1
-47.5°	1935.7	1912.9	1874.9	1833.2	1795.2	1749.7	1681.4	1613.1	1544.7	1495.4	1430.9
-50°	1711.7	1696.6	1673.8	1639.6	1590.3	1559.9	1514.4	1453.6	1389.1	1347.4	1301.8
-52.5°	1533.4	1518.2	1503.0	1476.4	1438.5	1408.1	1370.1	1320.8	1267.7	1225.9	1188.0
-55°	1396.7	1373.9	1362.6	1339.8	1309.4	1275.3	1241.1	1206.9	1161.4	1123.4	1085.5
-57.5°	1290.4	1260.1	1244.9	1225.9	1195.6	1161.4	1134.8	1100.7	1070.3	1028.6	994.4
-60°	1206.9	1172.8	1142.4	1123.4	1096.9	1062.7	1036.2	1009.6	979.2	945.1	903.3
-62.5°	1138.6	1096.9	1055.1	1032.4	1005.8	975.4	948.9	922.3	891.9	857.8	819.8
-65°	1074.1	1024.8	971.6	948.9	922.3	891.9	857.8	838.8	812.2	781.9	743.9
-67.5°	994.4	941.3	895.7	869.2	842.6	816.0	785.7	766.7	740.1	702.2	664.2
-70°	876.7	842.6	812.2	789.4	766.7	743.9	713.5	683.2	652.8	618.7	584.5
-72.5°	728.7	717.3	713.5	702.2	675.6	649.0	618.7	588.3	561.7	535.2	508.6
-75°	588.3	595.9	603.5	599.7	573.1	546.5	520.0	493.4	474.4	451.7	428.9
-77.5°	466.8	474.4	482.0	482.0	463.0	447.9	428.9	409.9	394.7	375.7	353.0
-80°	360.6	372.0	383.3	390.9	375.7	364.4	349.2	334.0	318.8	303.6	288.5
-82.5°	273.3	284.7	296.0	303.6	292.2	284.7	273.3	261.9	250.5	235.3	223.9
-85°	197.4	205.0	212.5	216.3	208.7	201.2	193.6	186.0	178.4	167.0	159.4
-87.5°	113.9	117.7	121.5	125.2	117.7	110.1	106.3	98.7	94.9	87.3	83.5
-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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 CATALOG NUMBER: IFLD-L-SA8A-760-U-76

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°	94.9	87.3	79.7	75.9	68.3	56.9	49.3	41.7	34.2	26.6	22.8
85°	201.2	182.2	159.4	148.0	132.8	117.7	102.5	87.3	72.1	56.9	41.7
82.5°	345.4	322.6	299.8	273.3	239.1	197.4	155.6	129.0	106.3	83.5	64.5
80°	520.0	478.2	440.3	406.1	368.2	315.0	258.1	205.0	144.2	110.1	83.5
77.5°	721.1	671.8	618.7	561.7	501.0	428.9	364.4	296.0	223.9	151.8	106.3
75°	948.9	884.3	812.2	732.5	652.8	557.9	466.8	387.1	303.6	212.5	129.0
72.5°	1203.2	1123.4	1036.2	929.9	804.6	694.6	584.5	478.2	379.5	269.5	174.6
70°	1529.6	1404.3	1275.3	1161.4	1002.0	827.4	698.4	576.9	451.7	330.2	220.1
67.5°	1878.7	1726.9	1571.3	1404.3	1203.2	998.2	812.2	675.6	527.6	387.1	261.9
65°	2258.3	2068.5	1871.1	1685.2	1408.1	1165.2	956.4	770.5	599.7	440.3	303.6
62.5°	2649.2	2425.3	2197.6	1954.6	1635.8	1336.0	1093.1	876.7	668.0	489.6	341.6
60°	3066.7	2804.8	2527.8	2224.1	1852.2	1522.0	1222.1	986.8	740.1	539.0	383.3
57.5°	3507.0	3222.3	2895.9	2486.0	2076.1	1700.4	1370.1	1085.5	804.6	584.5	413.7
55°	3985.2	3658.8	3302.0	2759.3	2296.2	1878.7	1518.2	1184.2	872.9	622.5	444.1
52.5°	4501.4	4121.8	3670.2	3047.7	2527.8	2060.9	1654.8	1271.5	937.5	664.2	470.6
50°	5078.3	4600.1	3992.8	3313.4	2728.9	2231.7	1791.4	1366.4	990.6	709.7	493.4
47.5°	5678.0	5161.8	4281.2	3560.1	2933.9	2398.7	1931.9	1449.9	1043.7	747.7	516.2
45°	6304.2	5552.7	4581.1	3780.2	3112.3	2550.5	2038.1	1525.8	1108.3	781.9	535.2
42.5°	6922.9	5848.8	4843.0	4000.4	3279.2	2687.2	2125.4	1597.9	1161.4	816.0	554.1
40°	7215.1	6072.7	5051.7	4152.2	3419.7	2808.6	2201.3	1662.4	1206.9	838.8	573.1
37.5°	7336.6	6209.3	5188.3	4296.4	3529.7	2873.1	2265.9	1719.3	1244.9	861.6	588.3
35°	7363.1	6258.7	5256.7	4395.1	3620.8	2933.9	2315.2	1761.1	1275.3	884.3	603.5
32.5°	7313.8	6243.5	5275.6	4429.3	3677.8	2979.4	2349.4	1791.4	1298.0	907.1	618.7
30°	7203.7	6163.8	5207.3	4425.5	3719.5	3006.0	2372.1	1814.2	1320.8	922.3	626.2
27.5°	7025.3	6023.3	5120.0	4429.3	3742.3	3017.4	2383.5	1825.6	1336.0	933.7	641.4
25°	6805.2	5833.6	5123.8	4421.7	3746.1	3021.2	2383.5	1825.6	1339.8	937.5	652.8
22.5°	6550.9	5833.6	5123.8	4410.3	3723.3	3013.6	2372.1	1818.0	1339.8	945.1	664.2
20°	6566.1	5837.4	5112.4	4387.5	3689.2	2990.8	2345.6	1799.0	1328.4	956.4	671.8
17.5°	6577.5	5829.8	5089.7	4357.2	3643.6	2952.8	2311.4	1772.5	1328.4	967.8	675.6
15°	6577.5	5807.0	5055.5	4311.6	3586.7	2899.7	2262.1	1749.7	1332.2	971.6	683.2
12.5°	6566.1	5765.3	5002.4	4250.9	3518.4	2835.2	2231.7	1742.1	1332.2	975.4	683.2
10°	6543.3	5708.3	4934.1	4175.0	3453.8	2812.4	2216.5	1726.9	1324.6	975.4	683.2
7.5°	6501.6	5640.0	4877.1	4129.4	3415.9	2785.8	2193.8	1704.1	1313.2	967.8	690.8
5°	6437.0	5602.1	4831.6	4076.3	3362.7	2766.9	2178.6	1685.2	1305.6	967.8	683.2
2.5°	6353.5	5556.5	4778.4	4008.0	3302.0	2702.3	2129.2	1643.4	1279.1	952.7	675.6
0°	6216.9	5465.4	4687.4	3913.1	3218.5	2637.8	2079.9	1601.7	1252.5	937.5	668.0
-2.5°	6091.7	5344.0	4569.7	3814.4	3138.8	2580.9	2041.9	1578.9	1241.1	933.7	664.2
-5°	5917.1	5177.0	4414.1	3685.4	3032.5	2524.0	2004.0	1552.3	1229.7	926.1	664.2
-7.5°	5723.5	5002.4	4250.9	3552.5	2926.3	2425.3	1931.9	1510.6	1203.2	910.9	660.4
-10°	5423.7	4740.5	4045.9	3400.7	2812.4	2338.0	1871.1	1472.6	1180.4	895.7	645.2
-12.5°	5104.8	4452.0	3810.6	3214.7	2683.4	2246.9	1802.8	1430.9	1153.8	880.5	637.6
-15°	4767.1	4156.0	3563.9	3021.2	2542.9	2136.8	1730.7	1385.3	1127.2	861.6	626.2
-17.5°	4414.1	3844.8	3309.6	2823.8	2402.5	2023.0	1654.8	1343.6	1096.9	842.6	614.9
-20°	4042.1	3526.0	3051.5	2622.6	2254.5	1909.1	1575.1	1294.2	1062.7	819.8	599.7



REPORT NUMBER: P722158

CATALOG NUMBER: IFLD-L-SA8A-760-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3674.0	3210.9	2785.8	2425.3	2102.7	1791.4	1495.4	1244.9	1024.8	793.2	588.3
-25°	3347.6	2914.9	2550.5	2235.5	1954.6	1677.6	1411.9	1195.6	983.0	766.7	573.1
-27.5°	3028.8	2660.6	2319.0	2057.1	1810.4	1567.5	1332.2	1142.4	941.3	736.3	557.9
-30°	2732.7	2417.7	2136.8	1882.5	1673.8	1468.8	1263.9	1089.3	895.7	705.9	539.0
-32.5°	2463.2	2208.9	1973.6	1730.7	1544.7	1370.1	1199.4	1036.2	850.2	675.6	520.0
-35°	2212.7	2015.4	1810.4	1605.5	1415.7	1279.1	1131.0	979.2	808.4	641.4	501.0
-37.5°	1988.8	1829.4	1666.2	1491.6	1328.4	1191.8	1066.5	922.3	766.7	611.1	482.0
-40°	1795.2	1666.2	1522.0	1381.5	1244.9	1115.9	1002.0	865.4	724.9	588.3	463.0
-42.5°	1616.9	1518.2	1400.5	1282.9	1161.4	1047.5	937.5	804.6	683.2	561.7	444.1
-45°	1480.2	1381.5	1286.6	1180.4	1077.9	979.2	869.2	751.5	645.2	531.4	425.1
-47.5°	1351.2	1263.9	1176.6	1089.3	1005.8	914.7	804.6	705.9	603.5	504.8	409.9
-50°	1237.3	1153.8	1077.9	1002.0	929.9	842.6	740.1	660.4	569.3	478.2	390.9
-52.5°	1131.0	1058.9	983.0	922.3	861.6	774.3	690.8	614.9	535.2	447.9	372.0
-55°	1036.2	967.8	899.5	842.6	785.7	709.7	641.4	576.9	501.0	425.1	353.0
-57.5°	945.1	888.1	823.6	770.5	713.5	652.8	595.9	535.2	466.8	402.3	334.0
-60°	861.6	808.4	751.5	698.4	649.0	599.7	546.5	497.2	436.5	375.7	315.0
-62.5°	778.1	732.5	683.2	630.0	592.1	546.5	504.8	455.5	406.1	353.0	280.9
-65°	702.2	660.4	614.9	569.3	535.2	501.0	463.0	417.5	375.7	326.4	250.5
-67.5°	626.2	588.3	550.3	512.4	482.0	455.5	417.5	383.3	349.2	296.0	220.1
-70°	554.1	523.8	489.6	459.2	436.5	406.1	379.5	349.2	318.8	258.1	186.0
-72.5°	485.8	455.5	428.9	406.1	387.1	360.6	337.8	315.0	273.3	216.3	155.6
-75°	406.1	387.1	372.0	353.0	334.0	315.0	296.0	269.5	227.7	174.6	121.5
-77.5°	334.0	322.6	311.2	296.0	280.9	265.7	242.9	216.3	182.2	136.6	98.7
-80°	273.3	261.9	254.3	239.1	227.7	212.5	189.8	167.0	132.8	106.3	79.7
-82.5°	208.7	201.2	193.6	186.0	174.6	159.4	136.6	117.7	98.7	79.7	60.7
-85°	148.0	144.2	136.6	129.0	117.7	106.3	91.1	79.7	68.3	53.1	41.7
-87.5°	75.9	72.1	68.3	64.5	60.7	53.1	45.5	38.0	34.2	26.6	19.0
-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: P722158
 CATALOG NUMBER: IFLD-L-SA8A-760-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	15.2	11.4	3.8	0.0
85°	30.4	19.0	7.6	0.0
82.5°	45.5	30.4	11.4	0.0
80°	60.7	38.0	19.0	0.0
77.5°	75.9	45.5	22.8	0.0
75°	91.1	56.9	26.6	0.0
72.5°	102.5	64.5	30.4	0.0
70°	121.5	75.9	34.2	0.0
67.5°	151.8	83.5	38.0	0.0
65°	178.4	91.1	41.7	0.0
62.5°	208.7	98.7	45.5	0.0
60°	235.3	106.3	49.3	0.0
57.5°	261.9	125.2	53.1	0.0
55°	284.7	140.4	56.9	0.0
52.5°	311.2	155.6	60.7	0.0
50°	334.0	170.8	64.5	0.0
47.5°	353.0	186.0	64.5	0.0
45°	368.2	197.4	68.3	0.0
42.5°	379.5	208.7	72.1	0.0
40°	390.9	220.1	75.9	0.0
37.5°	402.3	231.5	75.9	0.0
35°	413.7	242.9	79.7	0.0
32.5°	425.1	254.3	79.7	0.0
30°	432.7	261.9	83.5	0.0
27.5°	444.1	269.5	83.5	0.0
25°	447.9	277.1	87.3	0.0
22.5°	455.5	280.9	87.3	0.0
20°	463.0	288.5	87.3	0.0
17.5°	466.8	292.2	91.1	0.0
15°	466.8	296.0	94.9	0.0
12.5°	470.6	299.8	94.9	0.0
10°	470.6	307.4	91.1	0.0
7.5°	478.2	303.6	91.1	0.0
5°	474.4	303.6	91.1	0.0
2.5°	470.6	299.8	91.1	0.0
0°	466.8	299.8	91.1	0.0
-2.5°	466.8	299.8	91.1	0.0
-5°	466.8	299.8	91.1	0.0
-7.5°	463.0	303.6	91.1	0.0
-10°	455.5	303.6	91.1	0.0
-12.5°	451.7	292.2	91.1	0.0
-15°	447.9	288.5	91.1	0.0
-17.5°	440.3	284.7	87.3	0.0
-20°	432.7	280.9	87.3	0.0



REPORT NUMBER: P722158
 CATALOG NUMBER: IFLD-L-SA8A-760-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	425.1	273.3	87.3	0.0
-25°	417.5	265.7	83.5	0.0
-27.5°	409.9	258.1	83.5	0.0
-30°	398.5	250.5	79.7	0.0
-32.5°	387.1	242.9	79.7	0.0
-35°	379.5	231.5	75.9	0.0
-37.5°	368.2	220.1	75.9	0.0
-40°	356.8	208.7	72.1	0.0
-42.5°	345.4	197.4	68.3	0.0
-45°	330.2	186.0	68.3	0.0
-47.5°	318.8	174.6	64.5	0.0
-50°	299.8	159.4	60.7	0.0
-52.5°	277.1	144.2	56.9	0.0
-55°	254.3	132.8	53.1	0.0
-57.5°	231.5	117.7	53.1	0.0
-60°	208.7	102.5	49.3	0.0
-62.5°	186.0	94.9	45.5	0.0
-65°	163.2	87.3	41.7	0.0
-67.5°	136.6	75.9	38.0	0.0
-70°	113.9	68.3	34.2	0.0
-72.5°	98.7	60.7	30.4	0.0
-75°	83.5	53.1	26.6	0.0
-77.5°	72.1	45.5	22.8	0.0
-80°	56.9	34.2	15.2	0.0
-82.5°	41.7	26.6	11.4	0.0
-85°	26.6	19.0	7.6	0.0
-87.5°	15.2	7.6	3.8	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)