

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: P722124

Luminaire Tested: **IFLD-L-SA7A-750-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722124
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7A-750-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (112) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

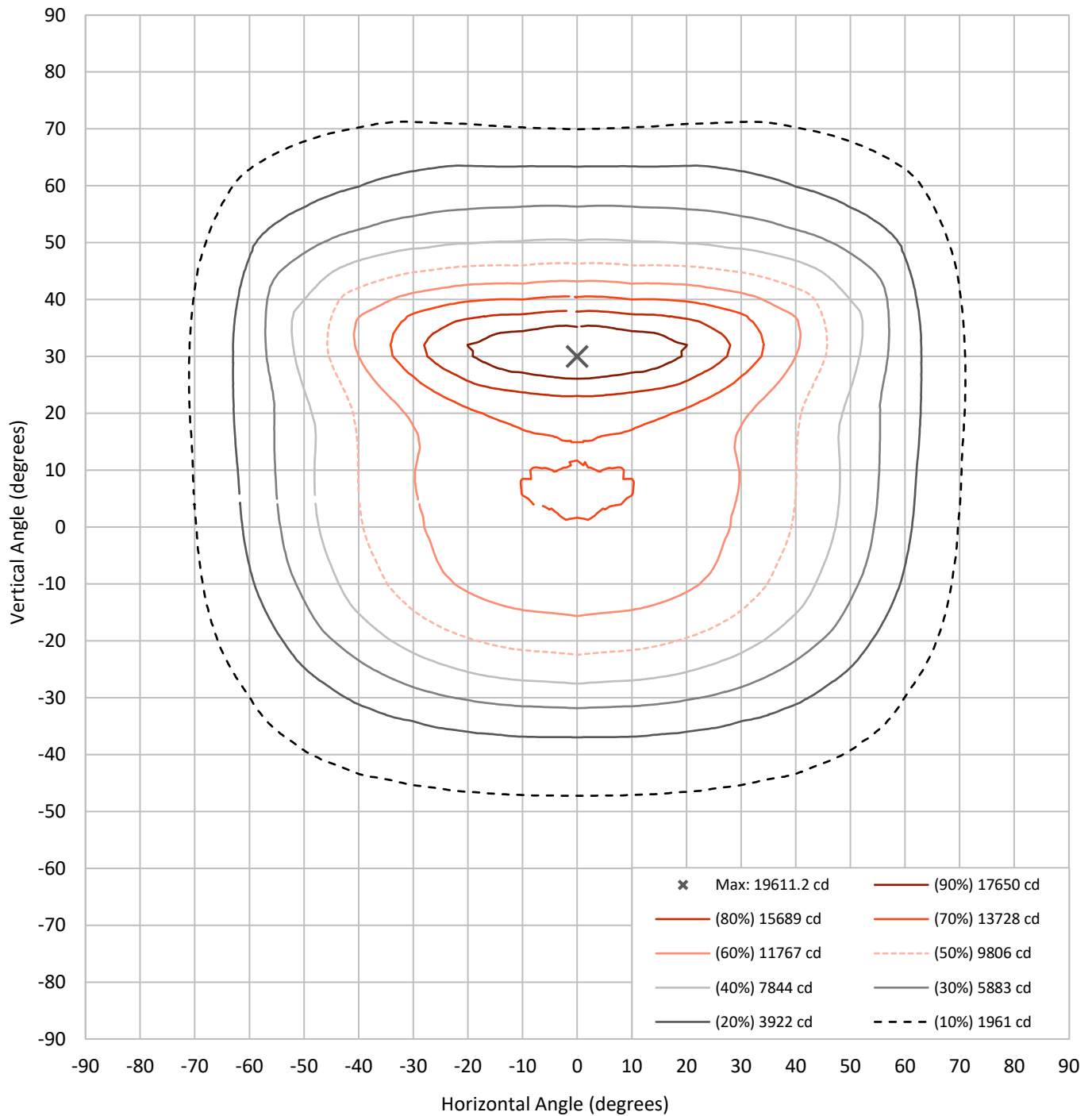
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	32736.1 lumens	Max Intensity:	19611.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	150.4 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	19036.4 lumens	Field Lumens:	30678 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

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



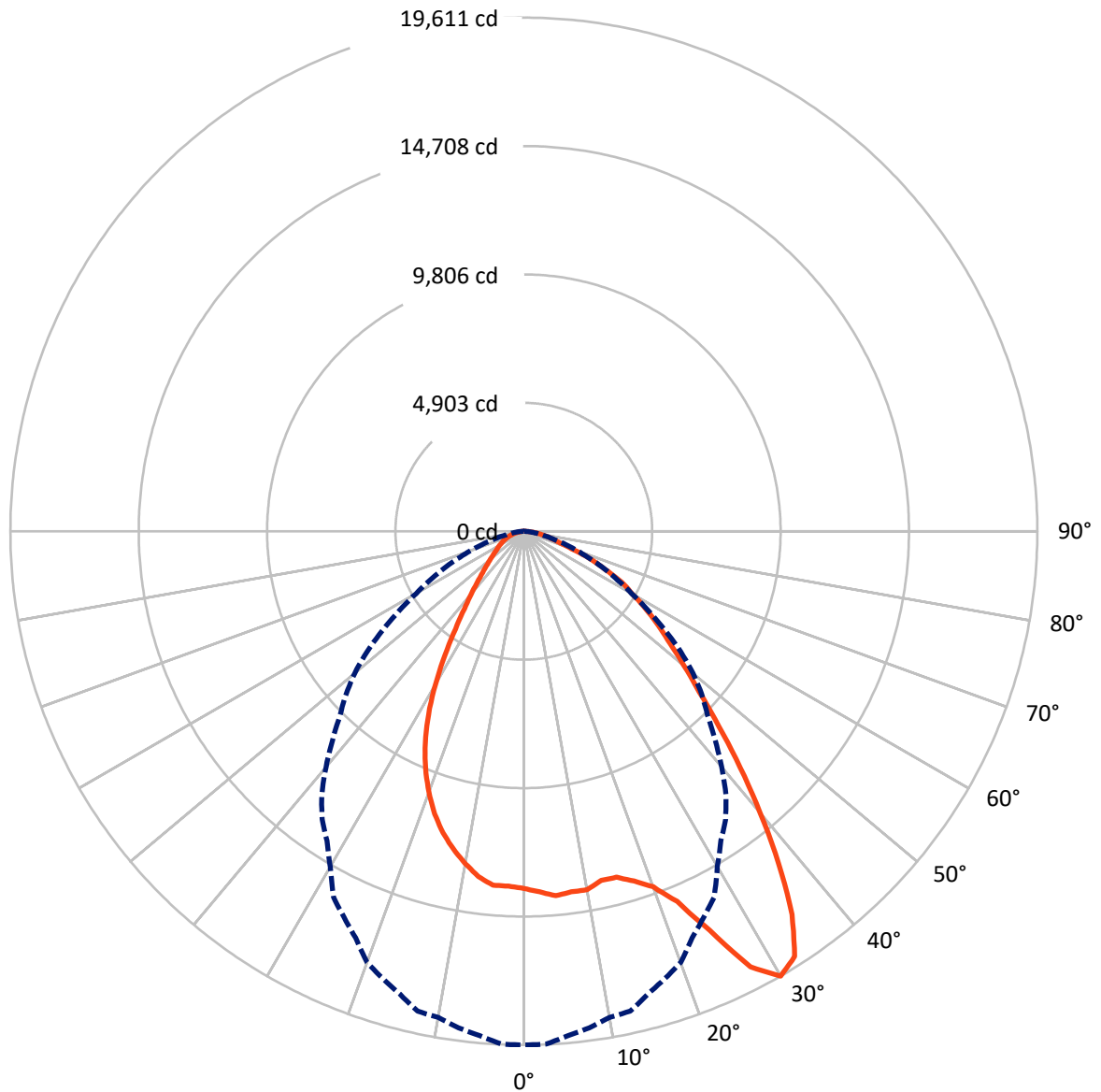
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Iso-Candela Plot



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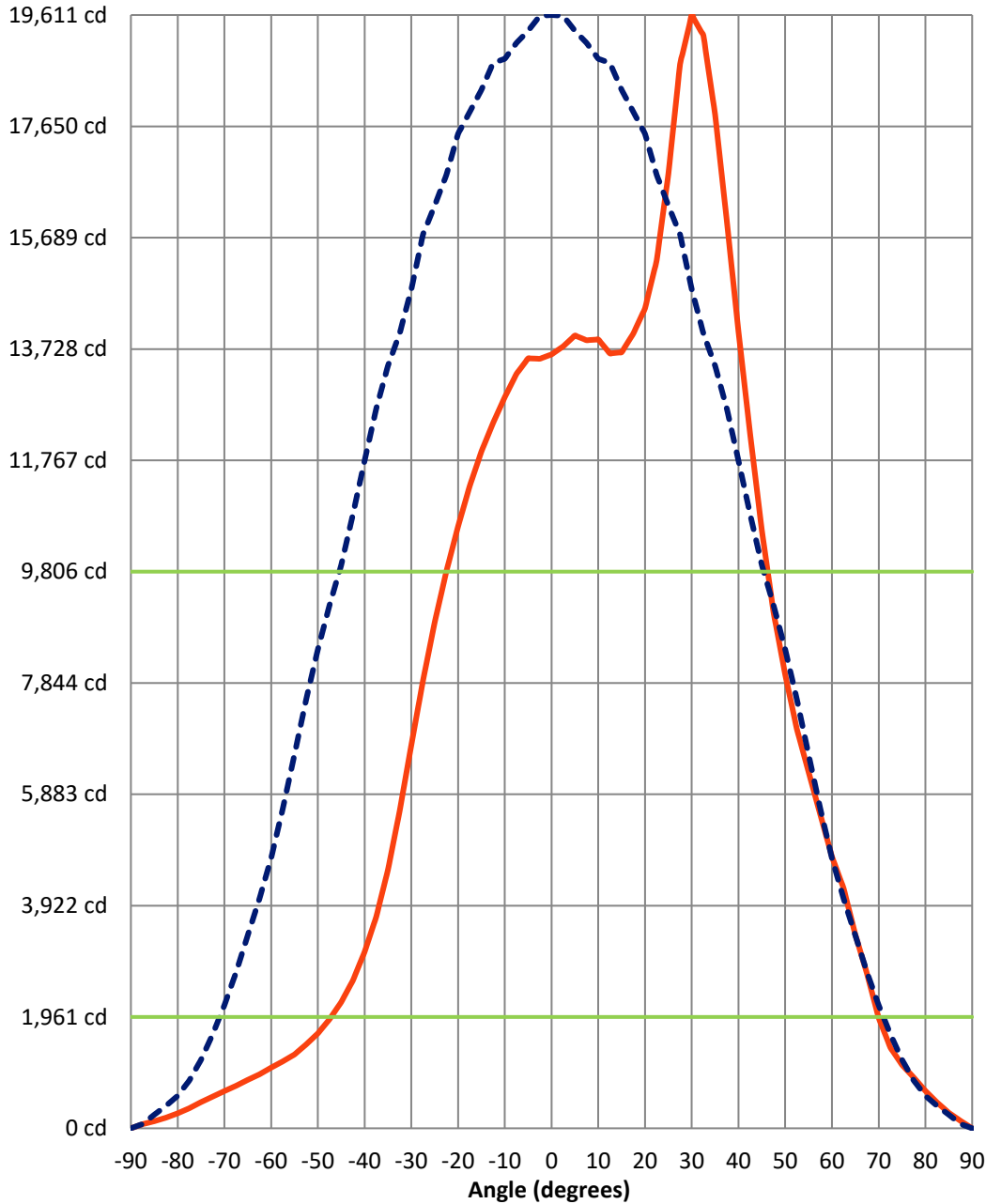
Luminous Intensity Polar Plot



— 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: 19036.4
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 30678
 Efficiency: 93.7%

Spill:
 Lumens: 2058.1
 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°	131.8	135.2	138.7	138.7	135.2	135.2	135.2	131.8	135.2	135.2	135.2
85°	274.0	280.9	287.8	284.4	280.9	274.0	267.0	270.5	274.0	277.4	277.4
82.5°	454.3	464.7	471.6	468.2	461.2	454.3	447.4	450.8	457.8	461.2	461.2
80°	658.9	662.4	665.8	672.8	662.4	662.4	658.9	672.8	679.7	686.7	693.6
77.5°	894.7	898.2	898.2	901.7	905.1	908.6	908.6	932.9	950.2	960.6	971.0
75°	1116.7	1127.1	1137.5	1147.9	1161.8	1168.7	1179.1	1213.8	1241.5	1262.3	1283.1
72.5°	1421.9	1435.7	1453.1	1477.3	1501.6	1519.0	1543.2	1584.9	1616.1	1636.9	1661.1
70°	1945.5	1959.4	1976.7	1994.1	2018.3	2035.7	2060.0	2112.0	2143.2	2157.1	2170.9
67.5°	2722.3	2757.0	2788.2	2753.6	2736.2	2711.9	2718.9	2767.4	2798.6	2819.4	2816.0
65°	3412.5	3436.7	3436.7	3433.3	3419.4	3388.2	3405.5	3464.5	3499.2	3516.5	3464.5
62.5°	4224.0	4224.0	4206.6	4234.4	4237.8	4217.0	4206.6	4210.1	4213.6	4224.0	4137.3
60°	4785.8	4820.4	4830.9	4855.1	4862.1	4862.1	4879.4	4893.3	4893.3	4872.5	4771.9
57.5°	5527.9	5593.8	5607.7	5590.3	5555.7	5510.6	5503.6	5482.8	5441.2	5399.6	5351.0
55°	6277.0	6311.7	6308.2	6297.8	6263.1	6211.1	6218.0	6190.3	6124.4	6072.4	6006.5
52.5°	7029.5	7112.8	7126.6	7105.8	7057.3	7001.8	7005.3	6974.0	6908.2	6852.7	6762.5
50°	7990.2	8059.5	8052.6	8017.9	7948.5	7906.9	7910.4	7851.4	7775.1	7757.8	7639.9
47.5°	9089.5	9169.3	9155.4	9106.8	9013.2	8995.9	9013.2	8936.9	8891.8	8853.7	8715.0
45°	10532.2	10625.8	10573.8	10480.1	10331.0	10348.4	10372.6	10358.8	10261.7	10161.1	9984.2
42.5°	12224.5	12283.5	12221.0	12127.4	11940.1	11974.8	11961.0	11877.7	11818.8	11652.3	11426.9
40°	14034.8	14163.1	14066.0	13920.3	13726.1	13778.2	13740.0	13632.5	13493.8	13285.7	13001.3
37.5°	15987.2	16087.8	15976.8	15806.9	15633.5	15616.2	15539.9	15373.4	15175.7	14946.9	14492.6
35°	17856.5	18116.6	17912.0	17641.5	17429.9	17350.1	17277.3	16892.4	16667.0	16295.9	15675.1
32.5°	19247.1	19437.8	19184.7	18903.8	18647.2	18536.2	18279.6	17821.8	17700.4	16920.1	16351.4
30°	19611.2	19597.4	19333.8	19118.8	18841.4	18765.1	18293.4	17905.0	17516.6	16795.3	16254.3
27.5°	18744.3	18657.6	18404.4	18217.1	17943.2	17853.0	17388.3	17180.2	16580.3	15969.9	15512.1
25°	16812.6	16857.7	16667.0	16573.3	16393.0	16198.8	16015.0	15734.1	15359.5	14825.5	14405.9
22.5°	15290.2	15349.1	15269.4	15158.4	15019.7	14912.2	14773.5	14555.0	14194.3	13864.9	13469.5
20°	14444.0	14426.7	14357.3	14274.1	14142.3	14066.0	13913.4	13729.6	13452.2	13167.8	12741.2
17.5°	14000.1	13892.6	13826.7	13795.5	13726.1	13629.0	13448.7	13261.4	13046.4	12723.9	12411.8
15°	13670.7	13688.0	13636.0	13611.7	13556.2	13421.0	13237.2	13084.6	12793.3	12630.3	12345.9
12.5°	13649.8	13632.5	13636.0	13625.6	13556.2	13382.8	13289.2	13095.0	12907.7	12692.7	12366.7
10°	13896.1	13712.3	13726.1	13774.7	13663.7	13525.0	13424.4	13212.9	13036.0	12762.0	12439.5
7.5°	13882.2	13788.6	13816.3	13736.5	13771.2	13601.3	13462.6	13251.0	13029.1	12737.8	12446.5
5°	13965.4	13823.2	13799.0	13805.9	13719.2	13590.9	13403.6	13202.5	12994.4	12668.4	12370.2
2.5°	13774.7	13795.5	13684.5	13642.9	13632.5	13417.5	13244.1	13049.9	12834.9	12547.0	12280.0
0°	13632.5	13670.7	13556.2	13497.3	13493.8	13310.0	13199.0	12977.1	12824.5	12585.2	12262.7
-2.5°	13556.2	13601.3	13615.2	13507.7	13403.6	13261.4	13074.2	12834.9	12585.2	12307.7	12030.3
-5°	13563.1	13473.0	13434.8	13469.5	13379.3	13237.2	13029.1	12817.5	12571.3	12273.1	11926.3
-7.5°	13289.2	13199.0	13192.1	13174.7	13153.9	13018.7	12845.3	12616.4	12366.7	12089.3	11766.7
-10°	12880.0	12814.1	12796.7	12779.4	12723.9	12644.1	12481.1	12273.1	12047.7	11770.2	11426.9
-12.5°	12425.7	12394.4	12328.6	12283.5	12228.0	12134.3	11978.3	11787.6	11562.1	11315.9	11021.1
-15°	11922.8	11863.8	11798.0	11759.8	11680.0	11569.1	11413.0	11236.2	10989.9	10747.2	10469.7
-17.5°	11315.9	11243.1	11170.3	11159.9	11104.4	10934.4	10788.8	10573.8	10358.8	10126.4	9855.9
-20°	10601.5	10500.9	10452.4	10424.7	10348.4	10223.5	10067.5	9869.8	9661.7	9439.8	9127.6



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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°	9810.8	9724.1	9640.9	9588.9	9523.0	9425.9	9276.8	9103.4	8898.8	8649.1	8361.2
-25°	8912.6	8791.2	8739.2	8680.3	8645.6	8555.4	8409.8	8250.2	8038.7	7795.9	7522.0
-27.5°	7886.1	7789.0	7761.3	7678.0	7636.4	7542.8	7421.4	7272.3	7078.1	6849.2	6623.8
-30°	6752.1	6693.1	6648.1	6564.8	6533.6	6433.0	6353.3	6228.4	6051.6	5888.6	5708.2
-32.5°	5586.9	5527.9	5514.0	5475.9	5455.1	5389.2	5299.0	5208.9	5066.7	4945.3	4799.6
-35°	4553.4	4511.8	4515.3	4511.8	4491.0	4442.4	4331.5	4307.2	4203.2	4092.2	3998.5
-37.5°	3728.0	3731.5	3728.0	3724.6	3696.8	3676.0	3596.3	3565.1	3502.6	3395.1	3339.6
-40°	3107.3	3114.2	3110.7	3103.8	3072.6	3062.2	3010.2	2968.6	2944.3	2868.0	2809.0
-42.5°	2604.4	2614.8	2611.4	2607.9	2587.1	2583.6	2555.9	2507.3	2493.5	2448.4	2385.9
-45°	2223.0	2219.5	2212.6	2219.5	2209.1	2198.7	2181.3	2150.1	2132.8	2112.0	2060.0
-47.5°	1921.2	1924.7	1917.8	1917.8	1903.9	1893.5	1886.6	1865.8	1851.9	1834.5	1803.3
-50°	1671.6	1685.4	1682.0	1678.5	1668.1	1661.1	1661.1	1640.3	1619.5	1612.6	1591.8
-52.5°	1477.3	1487.7	1491.2	1498.2	1501.6	1505.1	1494.7	1473.9	1439.2	1435.7	1425.3
-55°	1300.5	1331.7	1352.5	1366.4	1380.2	1390.6	1369.8	1342.1	1307.4	1293.5	1290.1
-57.5°	1179.1	1210.3	1234.6	1255.4	1272.7	1290.1	1269.3	1241.5	1210.3	1193.0	1189.5
-60°	1068.1	1095.9	1120.1	1147.9	1172.2	1199.9	1189.5	1168.7	1151.4	1137.5	1123.6
-62.5°	950.2	978.0	1005.7	1040.4	1071.6	1099.3	1102.8	1099.3	1095.9	1099.3	1075.1
-65°	853.1	867.0	884.3	922.5	957.2	988.4	1005.7	1016.1	1033.4	1050.8	1026.5
-67.5°	749.1	766.4	787.2	815.0	842.7	863.5	887.8	915.5	943.3	971.0	953.7
-70°	655.4	669.3	686.7	700.5	717.9	731.7	752.5	783.8	815.0	842.7	835.8
-72.5°	558.3	572.2	582.6	589.6	600.0	606.9	617.3	645.0	665.8	679.7	679.7
-75°	461.2	475.1	485.5	489.0	495.9	499.4	506.3	516.7	527.1	530.6	534.1
-77.5°	353.7	367.6	378.0	384.9	391.9	398.8	402.3	409.2	412.7	412.7	416.2
-80°	263.6	274.0	280.9	291.3	294.8	301.7	308.6	312.1	315.6	315.6	319.1
-82.5°	187.3	194.2	201.1	208.1	215.0	218.5	225.4	228.9	232.4	235.8	239.3
-85°	124.8	131.8	138.7	145.7	149.1	152.6	156.1	159.5	163.0	166.5	169.9
-87.5°	72.8	76.3	79.8	86.7	90.2	97.1	100.6	97.1	100.6	100.6	100.6
-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°	135.2	135.2	135.2	135.2	131.8	124.8	121.4	114.4	107.5	100.6	93.6
85°	280.9	284.4	284.4	284.4	277.4	274.0	263.6	253.2	239.3	218.5	201.1
82.5°	468.2	471.6	471.6	468.2	461.2	450.8	437.0	419.6	391.9	364.1	339.9
80°	704.0	707.5	707.5	704.0	686.7	669.3	652.0	631.2	596.5	558.3	516.7
77.5°	984.9	991.8	991.8	981.4	957.2	936.3	908.6	873.9	821.9	766.4	710.9
75°	1310.9	1328.2	1331.7	1321.3	1290.1	1251.9	1206.8	1147.9	1068.1	998.8	932.9
72.5°	1688.9	1706.2	1720.1	1706.2	1661.1	1609.1	1543.2	1473.9	1394.1	1300.5	1189.5
70°	2184.8	2202.1	2212.6	2167.5	2087.7	2001.0	1921.2	1841.5	1747.8	1633.4	1512.0
67.5°	2809.0	2791.7	2770.9	2680.7	2580.2	2476.1	2365.1	2247.2	2125.9	2004.5	1862.3
65°	3409.0	3360.4	3315.4	3207.9	3079.5	2944.3	2816.0	2684.2	2538.5	2385.9	2250.7
62.5°	4040.2	3936.1	3825.1	3693.4	3561.6	3412.5	3284.1	3128.1	2965.1	2777.8	2604.4
60°	4660.9	4536.1	4425.1	4262.1	4088.7	3887.6	3748.9	3596.3	3405.5	3204.4	2999.8
57.5°	5260.9	5125.6	5004.2	4862.1	4674.8	4456.3	4303.7	4106.1	3904.9	3651.7	3443.7
55°	5899.0	5763.7	5666.6	5507.1	5302.5	5101.4	4934.9	4726.8	4445.9	4175.4	3918.8
52.5°	6630.7	6523.2	6419.2	6256.2	6010.0	5805.3	5621.5	5389.2	5094.4	4761.5	4452.8
50°	7449.2	7393.7	7282.7	7092.0	6811.0	6630.7	6388.0	6079.3	5763.7	5413.5	5028.5
47.5°	8534.6	8444.5	8288.4	8080.3	7844.5	7574.0	7248.0	6887.3	6440.0	6051.6	5642.4
45°	9831.6	9665.2	9464.0	9183.1	8891.8	8586.6	8229.4	7771.7	7171.7	6665.4	6235.4
42.5°	11236.2	11010.7	10736.8	10369.2	9991.2	9616.6	9231.7	8607.4	7858.4	7275.8	6790.2
40°	12703.1	12415.3	12071.9	11537.9	11118.2	10636.2	10195.8	9262.9	8465.3	7834.1	7317.4
37.5°	14138.8	13774.7	13199.0	12550.5	12061.5	11666.2	10698.6	9699.8	8985.5	8291.9	7768.2
35°	15238.2	14929.5	13913.4	13240.6	12821.0	12196.8	10986.5	9963.4	9207.4	8631.7	7816.8
32.5°	15890.1	15092.5	14201.2	13521.5	13174.7	12151.7	11007.3	10039.7	9311.4	8666.4	7691.9
30°	15744.5	14780.4	14000.1	13431.4	12678.8	11759.8	10813.1	9921.8	9214.3	8434.0	7553.2
27.5°	14867.1	14121.5	13424.4	12831.4	12092.7	11267.4	10393.4	9609.7	8950.8	8194.8	7362.5
25°	13875.3	13199.0	12682.3	12165.6	11465.0	10677.8	9907.9	9342.7	8680.3	7934.7	7112.8
22.5°	12963.2	12477.7	12071.9	11530.9	10847.7	10161.1	9682.5	9096.4	8416.7	7660.7	6856.1
20°	12380.6	12051.1	11586.4	10989.9	10452.4	10022.4	9491.8	8871.0	8170.5	7379.8	6637.7
17.5°	12099.7	11718.2	11201.5	10813.1	10400.4	9928.7	9335.7	8676.8	7931.2	7251.5	6661.9
15°	11954.0	11551.7	11211.9	10830.4	10365.7	9869.8	9210.9	8527.7	7931.2	7303.5	6679.3
12.5°	11985.2	11638.4	11267.4	10851.2	10351.8	9821.2	9224.7	8590.1	7972.8	7341.6	6682.7
10°	12082.3	11718.2	11322.8	10861.6	10358.8	9835.1	9262.9	8628.3	7993.6	7359.0	6675.8
7.5°	12117.0	11721.7	11298.6	10833.9	10341.4	9828.2	9269.8	8638.7	7997.1	7355.5	6655.0
5°	12009.5	11652.3	11243.1	10774.9	10292.9	9793.5	9242.1	8624.8	7969.3	7320.8	6603.0
2.5°	11863.8	11576.0	11184.1	10733.3	10244.3	9744.9	9197.0	8562.4	7906.9	7258.4	6537.1
0°	11839.6	11482.4	11087.0	10684.7	10164.6	9637.4	9093.0	8444.5	7792.5	7140.5	6422.6
-2.5°	11680.0	11302.0	10906.7	10469.7	10012.0	9481.4	8909.2	8274.5	7629.5	6987.9	6297.8
-5°	11558.7	11139.0	10719.4	10247.8	9786.5	9256.0	8662.9	8045.6	7414.5	6790.2	6124.4
-7.5°	11395.7	10965.7	10525.2	10032.8	9533.4	8992.4	8406.3	7789.0	7168.2	6547.5	5909.4
-10°	11066.2	10688.2	10275.5	9765.7	9238.6	8697.6	8115.0	7508.1	6887.3	6259.6	5618.1
-12.5°	10667.4	10268.6	9817.8	9349.6	8877.9	8375.1	7792.5	7196.0	6571.8	5940.6	5302.5
-15°	10150.7	9758.8	9297.6	8839.8	8385.5	7903.5	7390.2	6852.7	6218.0	5597.3	4959.2
-17.5°	9505.6	9138.0	8725.4	8288.4	7837.6	7352.0	6852.7	6398.4	5805.3	5222.7	4591.6
-20°	8812.1	8468.7	8097.7	7685.0	7234.1	6759.0	6287.4	5812.3	5299.0	4785.8	4199.7



REPORT NUMBER: P722124

CATALOG NUMBER: IFLD-L-SA7A-750-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	8090.7	7743.9	7369.4	6984.4	6568.3	6127.9	5690.9	5236.6	4785.8	4321.1	3825.1
-25°	7258.4	6953.2	6609.9	6235.4	5864.3	5479.4	5063.2	4650.5	4265.6	3863.3	3457.5
-27.5°	6388.0	6107.1	5794.9	5469.0	5149.9	4827.4	4466.7	4085.2	3766.2	3433.3	3096.9
-30°	5472.4	5247.0	4993.8	4709.5	4463.2	4203.2	3901.4	3585.9	3294.6	3041.4	2770.9
-32.5°	4605.4	4414.7	4234.4	4047.1	3804.3	3603.2	3395.1	3162.8	2906.1	2666.9	2472.6
-35°	3859.8	3655.2	3578.9	3440.2	3266.8	3089.9	2937.4	2770.9	2576.7	2365.1	2205.6
-37.5°	3232.1	3110.7	3003.2	2926.9	2812.5	2670.3	2548.9	2427.6	2278.4	2118.9	1959.4
-40°	2743.1	2659.9	2542.0	2503.9	2431.0	2333.9	2209.1	2115.4	2014.9	1893.5	1758.2
-42.5°	2351.3	2288.8	2212.6	2146.7	2115.4	2046.1	1949.0	1858.8	1779.1	1695.8	1591.8
-45°	2028.7	1987.1	1938.6	1879.6	1855.4	1799.9	1730.5	1629.9	1584.9	1515.5	1439.2
-47.5°	1768.7	1747.8	1713.2	1675.0	1640.3	1598.7	1536.3	1473.9	1411.5	1366.4	1307.4
-50°	1564.0	1550.2	1529.4	1498.2	1453.1	1425.3	1383.7	1328.2	1269.3	1231.1	1189.5
-52.5°	1401.1	1387.2	1373.3	1349.0	1314.4	1286.6	1251.9	1206.8	1158.3	1120.1	1085.5
-55°	1276.2	1255.4	1245.0	1224.2	1196.4	1165.2	1134.0	1102.8	1061.2	1026.5	991.8
-57.5°	1179.1	1151.4	1137.5	1120.1	1092.4	1061.2	1036.9	1005.7	978.0	939.8	908.6
-60°	1102.8	1071.6	1043.9	1026.5	1002.2	971.0	946.7	922.5	894.7	863.5	825.4
-62.5°	1040.4	1002.2	964.1	943.3	919.0	891.3	867.0	842.7	815.0	783.8	749.1
-65°	981.4	936.3	887.8	867.0	842.7	815.0	783.8	766.4	742.1	714.4	679.7
-67.5°	908.6	860.1	818.4	794.2	769.9	745.6	717.9	700.5	676.2	641.6	606.9
-70°	801.1	769.9	742.1	721.3	700.5	679.7	652.0	624.2	596.5	565.3	534.1
-72.5°	665.8	655.4	652.0	641.6	617.3	593.0	565.3	537.5	513.3	489.0	464.7
-75°	537.5	544.5	551.4	547.9	523.7	499.4	475.1	450.8	433.5	412.7	391.9
-77.5°	426.6	433.5	440.4	440.4	423.1	409.2	391.9	374.5	360.7	343.3	322.5
-80°	329.5	339.9	350.3	357.2	343.3	332.9	319.1	305.2	291.3	277.4	263.6
-82.5°	249.7	260.1	270.5	277.4	267.0	260.1	249.7	239.3	228.9	215.0	204.6
-85°	180.3	187.3	194.2	197.7	190.7	183.8	176.9	169.9	163.0	152.6	145.7
-87.5°	104.0	107.5	111.0	114.4	107.5	100.6	97.1	90.2	86.7	79.8	76.3
-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: P722124
 CATALOG NUMBER: IFLD-L-SA7A-750-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°	86.7	79.8	72.8	69.4	62.4	52.0	45.1	38.1	31.2	24.3	20.8
85°	183.8	166.5	145.7	135.2	121.4	107.5	93.6	79.8	65.9	52.0	38.1
82.5°	315.6	294.8	274.0	249.7	218.5	180.3	142.2	117.9	97.1	76.3	59.0
80°	475.1	437.0	402.3	371.1	336.4	287.8	235.8	187.3	131.8	100.6	76.3
77.5°	658.9	613.8	565.3	513.3	457.8	391.9	332.9	270.5	204.6	138.7	97.1
75°	867.0	808.0	742.1	669.3	596.5	509.8	426.6	353.7	277.4	194.2	117.9
72.5°	1099.3	1026.5	946.7	849.6	735.2	634.6	534.1	437.0	346.8	246.2	159.5
70°	1397.6	1283.1	1165.2	1061.2	915.5	756.0	638.1	527.1	412.7	301.7	201.1
67.5°	1716.6	1577.9	1435.7	1283.1	1099.3	912.1	742.1	617.3	482.0	353.7	239.3
65°	2063.4	1890.0	1709.7	1539.8	1286.6	1064.7	873.9	704.0	547.9	402.3	277.4
62.5°	2420.6	2216.0	2007.9	1786.0	1494.7	1220.7	998.8	801.1	610.4	447.4	312.1
60°	2802.1	2562.8	2309.7	2032.2	1692.4	1390.6	1116.7	901.7	676.2	492.4	350.3
57.5°	3204.4	2944.3	2646.0	2271.5	1897.0	1553.6	1251.9	991.8	735.2	534.1	378.0
55°	3641.3	3343.1	3017.1	2521.2	2098.1	1716.6	1387.2	1082.0	797.6	568.7	405.7
52.5°	4113.0	3766.2	3353.5	2784.8	2309.7	1883.1	1512.0	1161.8	856.6	606.9	430.0
50°	4640.1	4203.2	3648.3	3027.5	2493.5	2039.2	1636.9	1248.5	905.1	648.5	450.8
47.5°	5188.0	4716.4	3911.8	3252.9	2680.7	2191.7	1765.2	1324.8	953.7	683.2	471.6
45°	5760.3	5073.6	4185.8	3454.1	2843.7	2330.5	1862.3	1394.1	1012.6	714.4	489.0
42.5°	6325.5	5344.1	4425.1	3655.2	2996.3	2455.3	1942.1	1460.0	1061.2	745.6	506.3
40°	6592.6	5548.7	4615.8	3793.9	3124.6	2566.3	2011.4	1519.0	1102.8	766.4	523.7
37.5°	6703.5	5673.6	4740.7	3925.7	3225.2	2625.2	2070.4	1571.0	1137.5	787.2	537.5
35°	6727.8	5718.6	4803.1	4015.9	3308.4	2680.7	2115.4	1609.1	1165.2	808.0	551.4
32.5°	6682.7	5704.8	4820.4	4047.1	3360.4	2722.3	2146.7	1636.9	1186.0	828.8	565.3
30°	6582.2	5631.9	4758.0	4043.6	3398.6	2746.6	2167.5	1657.7	1206.8	842.7	572.2
27.5°	6419.2	5503.6	4678.3	4047.1	3419.4	2757.0	2177.9	1668.1	1220.7	853.1	586.1
25°	6218.0	5330.2	4681.7	4040.2	3422.9	2760.5	2177.9	1668.1	1224.2	856.6	596.5
22.5°	5985.7	5330.2	4681.7	4029.8	3402.1	2753.6	2167.5	1661.1	1224.2	863.5	606.9
20°	5999.5	5333.7	4671.3	4008.9	3370.8	2732.7	2143.2	1643.8	1213.8	873.9	613.8
17.5°	6010.0	5326.8	4650.5	3981.2	3329.2	2698.1	2112.0	1619.5	1213.8	884.3	617.3
15°	6010.0	5306.0	4619.3	3939.6	3277.2	2649.5	2066.9	1598.7	1217.2	887.8	624.2
12.5°	5999.5	5267.8	4570.8	3884.1	3214.8	2590.6	2039.2	1591.8	1217.2	891.3	624.2
10°	5978.7	5215.8	4508.3	3814.7	3155.8	2569.7	2025.3	1577.9	1210.3	891.3	624.2
7.5°	5940.6	5153.4	4456.3	3773.1	3121.2	2545.5	2004.5	1557.1	1199.9	884.3	631.2
5°	5881.6	5118.7	4414.7	3724.6	3072.6	2528.1	1990.6	1539.8	1193.0	884.3	624.2
2.5°	5805.3	5077.1	4366.1	3662.2	3017.1	2469.2	1945.5	1501.6	1168.7	870.5	617.3
0°	5680.5	4993.8	4282.9	3575.5	2940.8	2410.2	1900.4	1463.5	1144.4	856.6	610.4
-2.5°	5566.1	4882.9	4175.4	3485.3	2868.0	2358.2	1865.8	1442.7	1134.0	853.1	606.9
-5°	5406.5	4730.3	4033.2	3367.4	2770.9	2306.2	1831.1	1418.4	1123.6	846.2	606.9
-7.5°	5229.7	4570.8	3884.1	3246.0	2673.8	2216.0	1765.2	1380.2	1099.3	832.3	603.4
-10°	4955.7	4331.5	3696.8	3107.3	2569.7	2136.3	1709.7	1345.6	1078.5	818.4	589.6
-12.5°	4664.4	4067.9	3481.8	2937.4	2451.8	2053.0	1647.3	1307.4	1054.3	804.6	582.6
-15°	4355.7	3797.4	3256.4	2760.5	2323.5	1952.5	1581.4	1265.8	1030.0	787.2	572.2
-17.5°	4033.2	3513.0	3024.1	2580.2	2195.2	1848.4	1512.0	1227.7	1002.2	769.9	561.8
-20°	3693.4	3221.7	2788.2	2396.4	2060.0	1744.4	1439.2	1182.6	971.0	749.1	547.9



REPORT NUMBER: P722124
 CATALOG NUMBER: IFLD-L-SA7A-750-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3357.0	2933.9	2545.5	2216.0	1921.2	1636.9	1366.4	1137.5	936.3	724.8	537.5
-25°	3058.7	2663.4	2330.5	2042.6	1786.0	1532.8	1290.1	1092.4	898.2	700.5	523.7
-27.5°	2767.4	2431.0	2118.9	1879.6	1654.2	1432.3	1217.2	1043.9	860.1	672.8	509.8
-30°	2496.9	2209.1	1952.5	1720.1	1529.4	1342.1	1154.8	995.3	818.4	645.0	492.4
-32.5°	2250.7	2018.3	1803.3	1581.4	1411.5	1251.9	1095.9	946.7	776.8	617.3	475.1
-35°	2021.8	1841.5	1654.2	1466.9	1293.5	1168.7	1033.4	894.7	738.7	586.1	457.8
-37.5°	1817.2	1671.6	1522.4	1362.9	1213.8	1088.9	974.5	842.7	700.5	558.3	440.4
-40°	1640.3	1522.4	1390.6	1262.3	1137.5	1019.6	915.5	790.7	662.4	537.5	423.1
-42.5°	1477.3	1387.2	1279.7	1172.2	1061.2	957.2	856.6	735.2	624.2	513.3	405.7
-45°	1352.5	1262.3	1175.6	1078.5	984.9	894.7	794.2	686.7	589.6	485.5	388.4
-47.5°	1234.6	1154.8	1075.1	995.3	919.0	835.8	735.2	645.0	551.4	461.2	374.5
-50°	1130.6	1054.3	984.9	915.5	849.6	769.9	676.2	603.4	520.2	437.0	357.2
-52.5°	1033.4	967.6	898.2	842.7	787.2	707.5	631.2	561.8	489.0	409.2	339.9
-55°	946.7	884.3	821.9	769.9	717.9	648.5	586.1	527.1	457.8	388.4	322.5
-57.5°	863.5	811.5	752.5	704.0	652.0	596.5	544.5	489.0	426.6	367.6	305.2
-60°	787.2	738.7	686.7	638.1	593.0	547.9	499.4	454.3	398.8	343.3	287.8
-62.5°	710.9	669.3	624.2	575.7	541.0	499.4	461.2	416.2	371.1	322.5	256.6
-65°	641.6	603.4	561.8	520.2	489.0	457.8	423.1	381.5	343.3	298.2	228.9
-67.5°	572.2	537.5	502.9	468.2	440.4	416.2	381.5	350.3	319.1	270.5	201.1
-70°	506.3	478.6	447.4	419.6	398.8	371.1	346.8	319.1	291.3	235.8	169.9
-72.5°	443.9	416.2	391.9	371.1	353.7	329.5	308.6	287.8	249.7	197.7	142.2
-75°	371.1	353.7	339.9	322.5	305.2	287.8	270.5	246.2	208.1	159.5	111.0
-77.5°	305.2	294.8	284.4	270.5	256.6	242.8	221.9	197.7	166.5	124.8	90.2
-80°	249.7	239.3	232.4	218.5	208.1	194.2	173.4	152.6	121.4	97.1	72.8
-82.5°	190.7	183.8	176.9	169.9	159.5	145.7	124.8	107.5	90.2	72.8	55.5
-85°	135.2	131.8	124.8	117.9	107.5	97.1	83.2	72.8	62.4	48.6	38.1
-87.5°	69.4	65.9	62.4	59.0	55.5	48.6	41.6	34.7	31.2	24.3	17.3
-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: P722124
 CATALOG NUMBER: IFLD-L-SA7A-750-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	13.9	10.4	3.5	0.0
85°	27.7	17.3	6.9	0.0
82.5°	41.6	27.7	10.4	0.0
80°	55.5	34.7	17.3	0.0
77.5°	69.4	41.6	20.8	0.0
75°	83.2	52.0	24.3	0.0
72.5°	93.6	59.0	27.7	0.0
70°	111.0	69.4	31.2	0.0
67.5°	138.7	76.3	34.7	0.0
65°	163.0	83.2	38.1	0.0
62.5°	190.7	90.2	41.6	0.0
60°	215.0	97.1	45.1	0.0
57.5°	239.3	114.4	48.6	0.0
55°	260.1	128.3	52.0	0.0
52.5°	284.4	142.2	55.5	0.0
50°	305.2	156.1	59.0	0.0
47.5°	322.5	169.9	59.0	0.0
45°	336.4	180.3	62.4	0.0
42.5°	346.8	190.7	65.9	0.0
40°	357.2	201.1	69.4	0.0
37.5°	367.6	211.5	69.4	0.0
35°	378.0	221.9	72.8	0.0
32.5°	388.4	232.4	72.8	0.0
30°	395.3	239.3	76.3	0.0
27.5°	405.7	246.2	76.3	0.0
25°	409.2	253.2	79.8	0.0
22.5°	416.2	256.6	79.8	0.0
20°	423.1	263.6	79.8	0.0
17.5°	426.6	267.0	83.2	0.0
15°	426.6	270.5	86.7	0.0
12.5°	430.0	274.0	86.7	0.0
10°	430.0	280.9	83.2	0.0
7.5°	437.0	277.4	83.2	0.0
5°	433.5	277.4	83.2	0.0
2.5°	430.0	274.0	83.2	0.0
0°	426.6	274.0	83.2	0.0
-2.5°	426.6	274.0	83.2	0.0
-5°	426.6	274.0	83.2	0.0
-7.5°	423.1	277.4	83.2	0.0
-10°	416.2	277.4	83.2	0.0
-12.5°	412.7	267.0	83.2	0.0
-15°	409.2	263.6	83.2	0.0
-17.5°	402.3	260.1	79.8	0.0
-20°	395.3	256.6	79.8	0.0



REPORT NUMBER: P722124
 CATALOG NUMBER: IFLD-L-SA7A-750-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	388.4	249.7	79.8	0.0
-25°	381.5	242.8	76.3	0.0
-27.5°	374.5	235.8	76.3	0.0
-30°	364.1	228.9	72.8	0.0
-32.5°	353.7	221.9	72.8	0.0
-35°	346.8	211.5	69.4	0.0
-37.5°	336.4	201.1	69.4	0.0
-40°	326.0	190.7	65.9	0.0
-42.5°	315.6	180.3	62.4	0.0
-45°	301.7	169.9	62.4	0.0
-47.5°	291.3	159.5	59.0	0.0
-50°	274.0	145.7	55.5	0.0
-52.5°	253.2	131.8	52.0	0.0
-55°	232.4	121.4	48.6	0.0
-57.5°	211.5	107.5	48.6	0.0
-60°	190.7	93.6	45.1	0.0
-62.5°	169.9	86.7	41.6	0.0
-65°	149.1	79.8	38.1	0.0
-67.5°	124.8	69.4	34.7	0.0
-70°	104.0	62.4	31.2	0.0
-72.5°	90.2	55.5	27.7	0.0
-75°	76.3	48.6	24.3	0.0
-77.5°	65.9	41.6	20.8	0.0
-80°	52.0	31.2	13.9	0.0
-82.5°	38.1	24.3	10.4	0.0
-85°	24.3	17.3	6.9	0.0
-87.5°	13.9	6.9	3.5	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)