

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: P722306

Luminaire Tested: **IFLD-L-SA8D-935-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722306
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8D-935-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (128) 3500K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

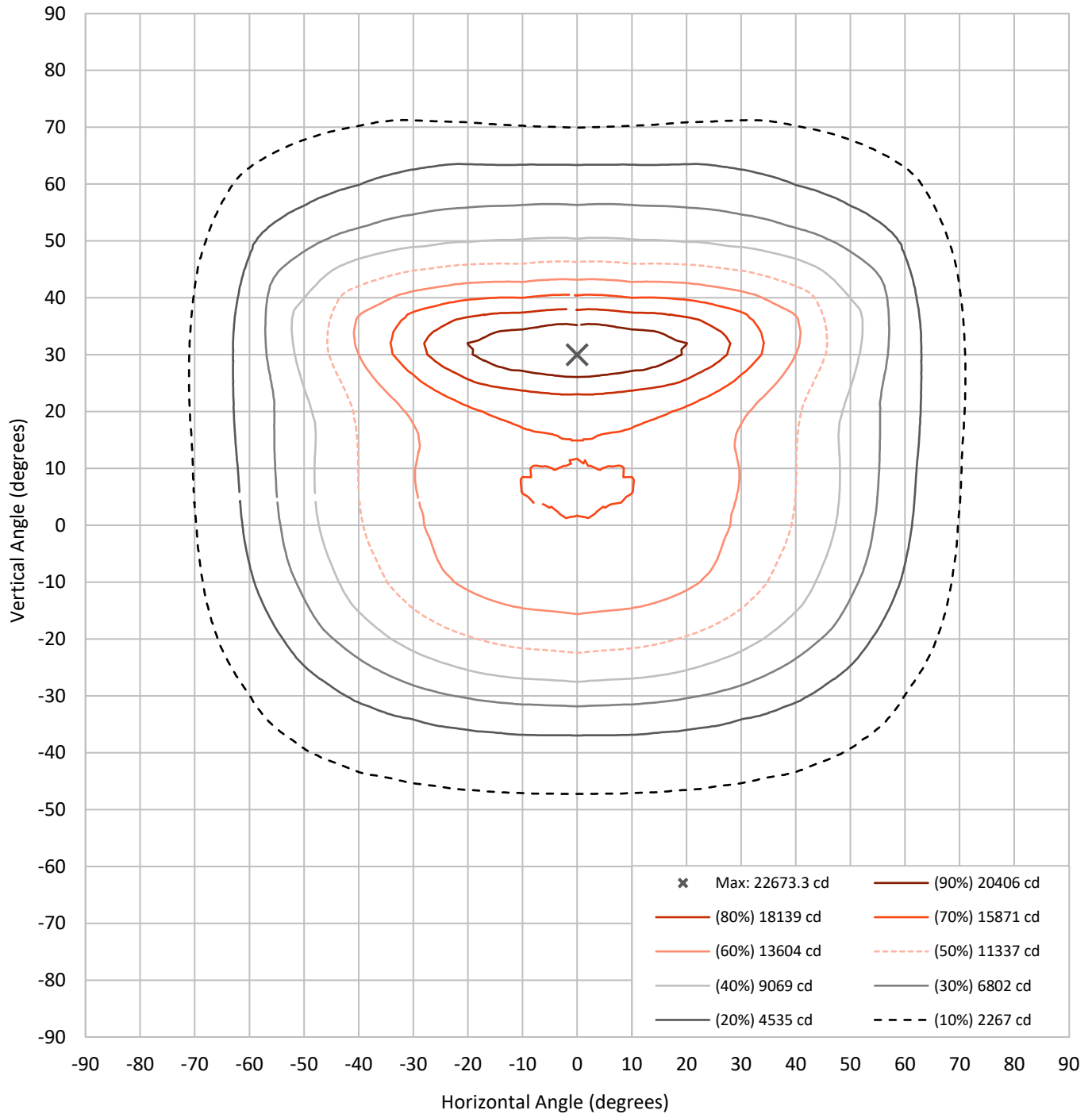
Lumens per Lamp: N/A	NEMA Type: 7H x 6V
Luminaire Lumens: 37847.5 lumens	Max Intensity: 22673.3 candela
Efficiency: N/A	Max Intensity Angle: 0°H x 30°V
Efficacy: 77.5 lumens/watt	
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')	
Beam Angle (50%): 90.8°H x 68.8°V	Field Angle (10%): 142°H x 117.1°V
Beam Lumens: 22008.7 lumens	Field Lumens: 35468 lumens
Beam Efficiency: 58.2%	Field Efficiency: 93.7%

Input Watts (W): 488.3
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



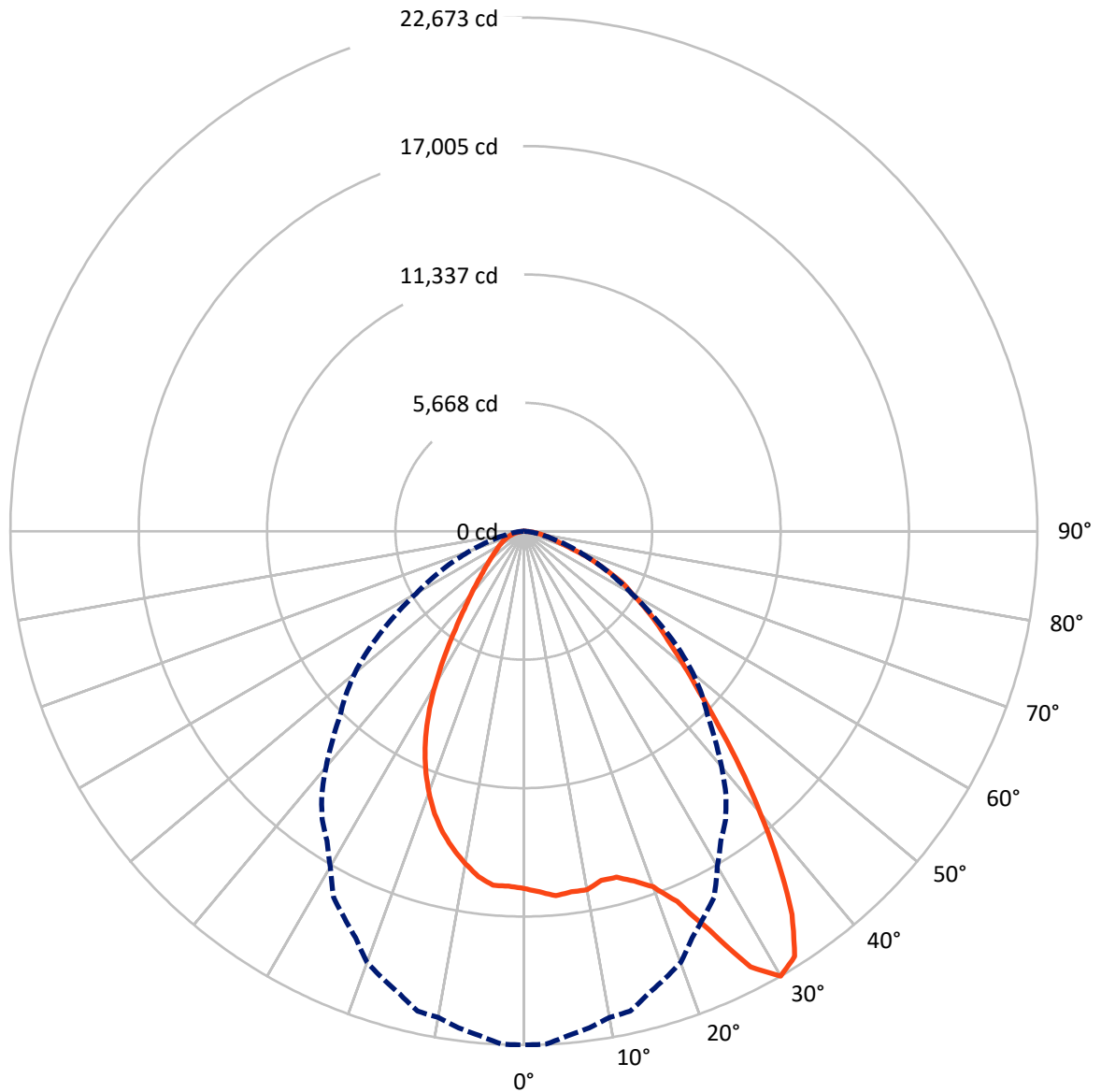
REPORT NUMBER: P722306
CATALOG NUMBER: IFLD-L-SA8D-935-U-76

Iso-Candela Plot



REPORT NUMBER: P722306
CATALOG NUMBER: IFLD-L-SA8D-935-U-76

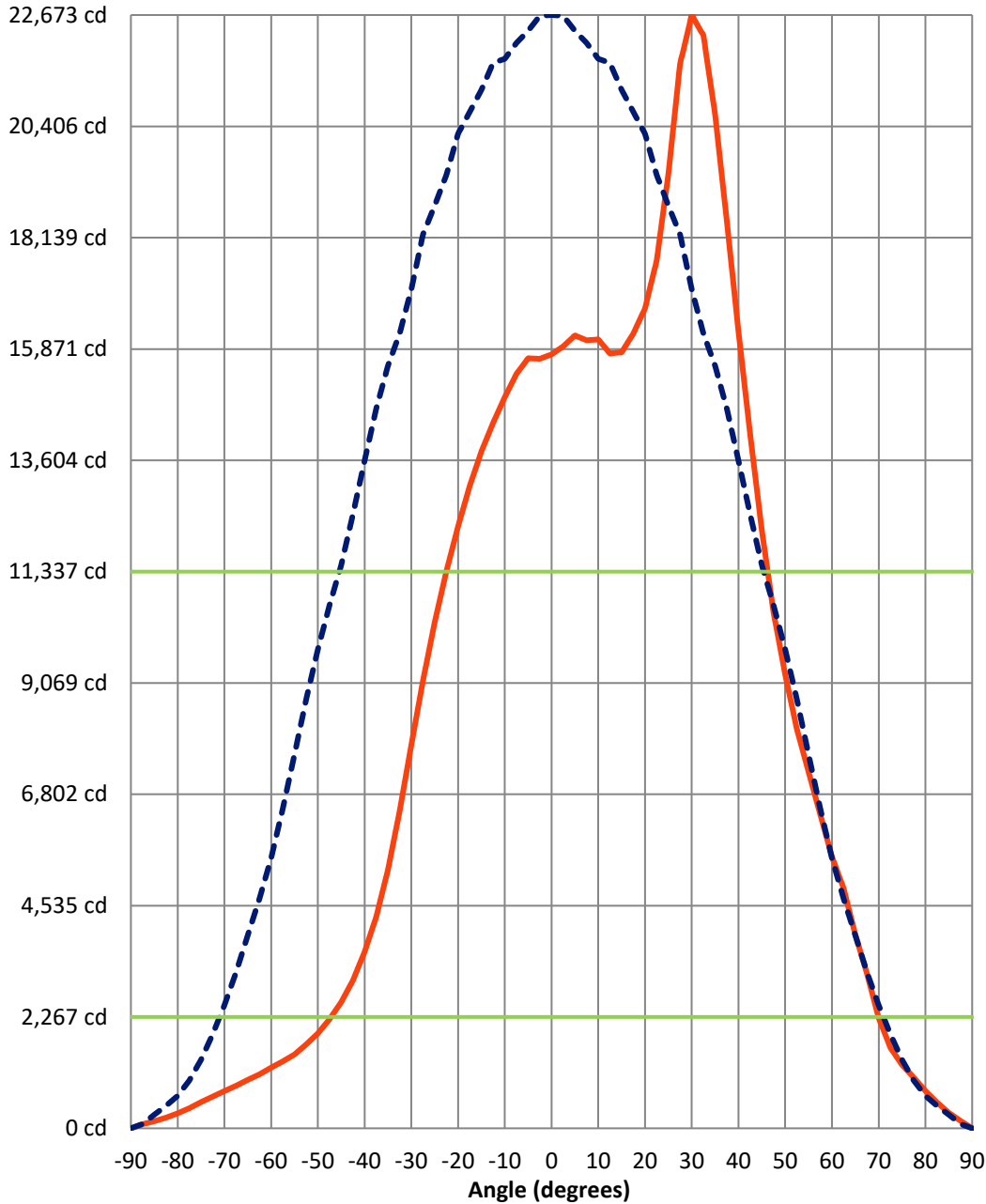
Luminous Intensity Polar Plot



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

REPORT NUMBER: P722306
 CATALOG NUMBER: IFLD-L-SA8D-935-U-76

Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 22008.7
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 35468
 Efficiency: 93.7%

Spill:
 Lumens: 2379.5
 Efficiency: 6.3%

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



REPORT NUMBER: P722306
 CATALOG NUMBER: IFLD-L-SA8D-935-U-76

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°	152.4	156.4	160.4	160.4	156.4	156.4	156.4	152.4	156.4	156.4	156.4
85°	316.7	324.8	332.8	328.8	324.8	316.7	308.7	312.7	316.7	320.8	320.8
82.5°	525.2	537.3	545.3	541.3	533.3	525.2	517.2	521.2	529.2	533.3	533.3
80°	761.8	765.8	769.8	777.8	765.8	765.8	761.8	777.8	785.8	793.9	801.9
77.5°	1034.4	1038.4	1038.4	1042.5	1046.5	1050.5	1050.5	1078.5	1098.6	1110.6	1122.6
75°	1291.0	1303.1	1315.1	1327.1	1343.2	1351.2	1363.2	1403.3	1435.4	1459.4	1483.5
72.5°	1643.9	1659.9	1680.0	1708.0	1736.1	1756.1	1784.2	1832.3	1868.4	1892.5	1920.5
70°	2249.3	2265.3	2285.4	2305.4	2333.5	2353.5	2381.6	2441.7	2477.8	2493.9	2509.9
67.5°	3147.4	3187.5	3223.6	3183.5	3163.4	3135.4	3143.4	3199.5	3235.6	3259.7	3255.7
65°	3945.3	3973.3	3973.3	3969.3	3953.3	3917.2	3937.3	4005.4	4045.5	4065.6	4005.4
62.5°	4883.5	4883.5	4863.4	4895.5	4899.5	4875.5	4863.4	4867.4	4871.5	4883.5	4783.2
60°	5533.0	5573.1	5585.1	5613.2	5621.2	5621.2	5641.3	5657.3	5657.3	5633.2	5517.0
57.5°	6391.0	6467.2	6483.2	6463.2	6423.1	6371.0	6363.0	6338.9	6290.8	6242.7	6186.5
55°	7257.1	7297.2	7293.1	7281.1	7241.0	7180.9	7188.9	7156.8	7080.6	7020.5	6944.3
52.5°	8127.1	8223.3	8239.4	8215.3	8159.2	8095.0	8099.0	8063.0	7986.8	7922.6	7818.4
50°	9237.7	9317.9	9309.9	9269.8	9189.6	9141.5	9145.5	9077.3	8989.1	8969.1	8832.8
47.5°	10508.7	10600.9	10584.9	10528.8	10420.5	10400.5	10420.5	10332.3	10280.2	10236.1	10075.7
45°	12176.6	12284.9	12224.7	12116.5	11944.1	11964.1	11992.2	11976.2	11863.9	11747.6	11543.1
42.5°	14133.2	14201.4	14129.2	14021.0	13804.5	13844.6	13828.5	13732.3	13664.1	13471.7	13211.1
40°	16226.2	16374.5	16262.2	16093.8	15869.3	15929.5	15885.4	15761.1	15600.7	15360.1	15031.3
37.5°	18483.5	18599.7	18471.4	18275.0	18074.5	18054.5	17966.2	17773.8	17545.3	17280.6	16755.4
35°	20644.5	20945.3	20708.7	20396.0	20151.4	20059.2	19975.0	19529.9	19269.3	18840.3	18122.6
32.5°	22252.3	22472.8	22180.2	21855.4	21558.7	21430.4	21133.7	20604.5	20464.1	19562.0	18904.5
30°	22673.3	22657.3	22352.6	22104.0	21783.2	21695.0	21149.7	20700.7	20251.6	19417.7	18792.2
27.5°	21671.0	21570.7	21278.0	21061.5	20744.8	20640.5	20103.3	19862.7	19169.1	18463.4	17934.2
25°	19437.7	19489.8	19269.3	19161.1	18952.6	18728.0	18515.5	18190.8	17757.8	17140.3	16655.2
22.5°	17677.6	17745.7	17653.5	17525.2	17364.8	17240.5	17080.2	16827.6	16410.6	16029.7	15572.6
20°	16699.3	16679.2	16599.0	16502.8	16350.4	16262.2	16085.8	15873.3	15552.6	15223.8	14730.6
17.5°	16186.1	16061.8	15985.6	15949.5	15869.3	15757.1	15548.6	15332.1	15083.5	14710.6	14349.7
15°	15805.2	15825.2	15765.1	15737.0	15672.9	15516.5	15304.0	15127.6	14790.8	14602.3	14273.6
12.5°	15781.1	15761.1	15765.1	15753.0	15672.9	15472.4	15364.1	15139.6	14923.1	14674.5	14297.6
10°	16065.8	15853.3	15869.3	15925.4	15797.1	15636.8	15520.5	15275.9	15071.4	14754.7	14381.8
7.5°	16049.7	15941.5	15973.6	15881.3	15921.4	15725.0	15564.6	15320.0	15063.4	14726.6	14389.8
5°	16146.0	15981.6	15953.5	15961.5	15861.3	15712.9	15496.4	15263.9	15023.3	14646.4	14301.6
2.5°	15925.4	15949.5	15821.2	15773.1	15761.1	15512.5	15312.0	15087.5	14838.9	14506.1	14197.4
0°	15761.1	15805.2	15672.9	15604.7	15600.7	15388.2	15259.9	15003.3	14826.9	14550.2	14177.3
-2.5°	15672.9	15725.0	15741.0	15616.7	15496.4	15332.1	15115.5	14838.9	14550.2	14229.5	13908.7
-5°	15680.9	15576.6	15532.5	15572.6	15468.4	15304.0	15063.4	14818.8	14534.2	14189.4	13788.4
-7.5°	15364.1	15259.9	15251.9	15231.8	15207.8	15051.4	14850.9	14586.3	14297.6	13976.9	13604.0
-10°	14891.0	14814.8	14794.8	14774.7	14710.6	14618.4	14429.9	14189.4	13928.8	13608.0	13211.1
-12.5°	14365.8	14329.7	14253.5	14201.4	14137.2	14029.0	13848.6	13628.0	13367.4	13082.8	12742.0
-15°	13784.4	13716.3	13640.1	13596.0	13503.8	13375.5	13195.0	12990.5	12705.9	12425.2	12104.5
-17.5°	13082.8	12998.6	12914.4	12902.3	12838.2	12641.7	12473.3	12224.7	11976.2	11707.5	11394.8
-20°	12256.8	12140.5	12084.4	12052.3	11964.1	11819.8	11639.4	11410.8	11170.3	10913.7	10552.8



REPORT NUMBER: P722306
 CATALOG NUMBER: IFLD-L-SA8D-935-U-76

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	11342.7	11242.4	11146.2	11086.1	11009.9	10897.6	10725.2	10524.7	10288.2	9999.5	9666.7
-25°	10304.2	10163.9	10103.8	10035.6	9995.5	9891.3	9722.9	9538.4	9293.9	9013.2	8696.4
-27.5°	9117.4	9005.2	8973.1	8876.9	8828.8	8720.5	8580.2	8407.8	8183.2	7918.6	7658.0
-30°	7806.4	7738.2	7686.1	7589.8	7553.8	7437.5	7345.3	7200.9	6996.5	6808.0	6599.5
-32.5°	6459.2	6391.0	6375.0	6330.9	6306.8	6230.7	6126.4	6022.2	5857.8	5717.4	5549.0
-35°	5264.4	5216.3	5220.3	5216.3	5192.2	5136.1	5007.8	4979.7	4859.4	4731.1	4622.9
-37.5°	4310.1	4314.1	4310.1	4306.1	4274.1	4250.0	4157.8	4121.7	4049.5	3925.2	3861.1
-40°	3592.4	3600.5	3596.5	3588.4	3552.4	3540.3	3480.2	3432.1	3404.0	3315.8	3247.6
-42.5°	3011.1	3023.1	3019.1	3015.1	2991.0	2987.0	2954.9	2898.8	2882.8	2830.7	2758.5
-45°	2570.0	2566.0	2558.0	2566.0	2554.0	2542.0	2521.9	2485.8	2465.8	2441.7	2381.6
-47.5°	2221.2	2225.2	2217.2	2217.2	2201.2	2189.1	2181.1	2157.1	2141.0	2121.0	2084.9
-50°	1932.5	1948.6	1944.6	1940.6	1928.5	1920.5	1920.5	1896.5	1872.4	1864.4	1840.3
-52.5°	1708.0	1720.0	1724.1	1732.1	1736.1	1740.1	1728.1	1704.0	1663.9	1659.9	1647.9
-55°	1503.5	1539.6	1563.7	1579.7	1595.8	1607.8	1583.7	1551.6	1511.6	1495.5	1491.5
-57.5°	1363.2	1399.3	1427.4	1451.4	1471.5	1491.5	1467.5	1435.4	1399.3	1379.2	1375.2
-60°	1234.9	1267.0	1295.0	1327.1	1355.2	1387.3	1375.2	1351.2	1331.1	1315.1	1299.1
-62.5°	1098.6	1130.7	1162.7	1202.8	1238.9	1271.0	1275.0	1271.0	1267.0	1271.0	1242.9
-65°	986.3	1002.4	1022.4	1066.5	1106.6	1142.7	1162.7	1174.8	1194.8	1214.9	1186.8
-67.5°	866.0	886.1	910.1	942.2	974.3	998.3	1026.4	1058.5	1090.6	1122.6	1102.6
-70°	757.8	773.8	793.9	809.9	830.0	846.0	870.0	906.1	942.2	974.3	966.3
-72.5°	645.5	661.6	673.6	681.6	693.6	701.6	713.7	745.8	769.8	785.8	785.8
-75°	533.3	549.3	561.3	565.3	573.3	577.4	585.4	597.4	609.4	613.4	617.5
-77.5°	409.0	425.0	437.0	445.0	453.1	461.1	465.1	473.1	477.1	477.1	481.1
-80°	304.7	316.7	324.8	336.8	340.8	348.8	356.8	360.8	364.9	364.9	368.9
-82.5°	216.5	224.5	232.5	240.6	248.6	252.6	260.6	264.6	268.6	272.6	276.7
-85°	144.3	152.4	160.4	168.4	172.4	176.4	180.4	184.4	188.4	192.5	196.5
-87.5°	84.2	88.2	92.2	100.2	104.2	112.3	116.3	112.3	116.3	116.3	116.3
-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: P722306
 CATALOG NUMBER: IFLD-L-SA8D-935-U-76

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°	156.4	156.4	156.4	156.4	152.4	144.3	140.3	132.3	124.3	116.3	108.3
85°	324.8	328.8	328.8	328.8	320.8	316.7	304.7	292.7	276.7	252.6	232.5
82.5°	541.3	545.3	545.3	541.3	533.3	521.2	505.2	485.1	453.1	421.0	392.9
80°	813.9	817.9	817.9	813.9	793.9	773.8	753.8	729.7	689.6	645.5	597.4
77.5°	1138.7	1146.7	1146.7	1134.7	1106.6	1082.5	1050.5	1010.4	950.2	886.1	821.9
75°	1515.6	1535.6	1539.6	1527.6	1491.5	1447.4	1395.3	1327.1	1234.9	1154.7	1078.5
72.5°	1952.6	1972.6	1988.7	1972.6	1920.5	1860.4	1784.2	1704.0	1611.8	1503.5	1375.2
70°	2525.9	2546.0	2558.0	2505.9	2413.7	2313.4	2221.2	2129.0	2020.8	1888.4	1748.1
67.5°	3247.6	3227.6	3203.5	3099.3	2983.0	2862.7	2734.4	2598.1	2457.8	2317.4	2153.1
65°	3941.3	3885.1	3833.0	3708.7	3560.4	3404.0	3255.7	3103.3	2934.9	2758.5	2602.1
62.5°	4671.0	4550.7	4422.4	4270.0	4117.7	3945.3	3796.9	3616.5	3428.1	3211.6	3011.1
60°	5388.7	5244.3	5116.0	4927.6	4727.1	4494.6	4334.2	4157.8	3937.3	3704.7	3468.2
57.5°	6082.3	5925.9	5785.6	5621.2	5404.7	5152.1	4975.7	4747.2	4514.6	4221.9	3981.4
55°	6820.0	6663.7	6551.4	6367.0	6130.4	5897.9	5705.4	5464.9	5140.1	4827.4	4530.7
52.5°	7666.0	7541.7	7421.5	7233.0	6948.3	6711.8	6499.3	6230.7	5889.8	5504.9	5148.1
50°	8612.3	8548.1	8419.8	8199.3	7874.5	7666.0	7385.4	7028.5	6663.7	6258.7	5813.7
47.5°	9867.2	9763.0	9582.5	9342.0	9069.3	8756.6	8379.7	7962.7	7445.5	6996.5	6523.3
45°	11366.7	11174.3	10941.7	10617.0	10280.2	9927.3	9514.4	8985.1	8291.5	7706.1	7209.0
42.5°	12990.5	12729.9	12413.2	11988.2	11551.2	11118.1	10673.1	9951.4	9085.4	8411.8	7850.5
40°	14686.5	14353.8	13956.8	13339.4	12854.2	12296.9	11787.7	10709.2	9787.0	9057.3	8459.9
37.5°	16346.4	15925.4	15259.9	14510.1	13944.8	13487.7	12369.1	11214.4	10388.4	9586.5	8981.1
35°	17617.4	17260.6	16085.8	15308.0	14822.9	14101.2	12701.9	11519.1	10645.0	9979.5	9037.3
32.5°	18371.2	17449.0	16418.6	15632.8	15231.8	14049.0	12725.9	11607.3	10765.3	10019.6	8892.9
30°	18202.8	17088.2	16186.1	15528.5	14658.5	13596.0	12501.4	11471.0	10653.1	9750.9	8732.5
27.5°	17188.4	16326.4	15520.5	14834.9	13980.9	13026.6	12016.3	11110.1	10348.3	9474.3	8512.0
25°	16041.7	15259.9	14662.5	14065.1	13255.2	12345.0	11454.9	10801.4	10035.6	9173.6	8223.3
22.5°	14987.2	14425.9	13956.8	13331.3	12541.5	11747.6	11194.3	10516.7	9730.9	8856.8	7926.6
20°	14313.7	13932.8	13395.5	12705.9	12084.4	11587.2	10973.8	10256.1	9446.2	8532.1	7674.0
17.5°	13988.9	13547.9	12950.5	12501.4	12024.3	11479.0	10793.4	10031.6	9169.6	8383.7	7702.1
15°	13820.5	13355.4	12962.5	12521.4	11984.2	11410.8	10649.0	9859.2	9169.6	8443.9	7722.2
12.5°	13856.6	13455.6	13026.6	12545.5	11968.1	11354.7	10665.1	9931.4	9217.7	8488.0	7726.2
10°	13968.8	13547.9	13090.8	12557.5	11976.2	11370.7	10709.2	9975.5	9241.7	8508.0	7718.1
7.5°	14008.9	13551.9	13062.7	12525.5	11956.1	11362.7	10717.2	9987.5	9245.7	8504.0	7694.1
5°	13884.6	13471.7	12998.6	12457.3	11900.0	11322.6	10685.1	9971.4	9213.7	8463.9	7634.0
2.5°	13716.3	13383.5	12930.4	12409.2	11843.9	11266.5	10633.0	9899.3	9141.5	8391.7	7557.8
0°	13688.2	13275.2	12818.1	12353.0	11751.6	11142.2	10512.7	9763.0	9009.2	8255.4	7425.5
-2.5°	13503.8	13066.7	12609.7	12104.5	11575.2	10961.8	10300.2	9566.5	8820.7	8079.0	7281.1
-5°	13363.4	12878.3	12393.1	11847.9	11314.6	10701.2	10015.6	9301.9	8572.2	7850.5	7080.6
-7.5°	13175.0	12677.8	12168.6	11599.3	11021.9	10396.4	9718.9	9005.2	8287.5	7569.8	6832.1
-10°	12794.1	12357.1	11879.9	11290.5	10681.1	10055.6	9382.1	8680.4	7962.7	7237.0	6495.3
-12.5°	12333.0	11871.9	11350.7	10809.4	10264.1	9682.8	9009.2	8319.6	7597.9	6868.2	6130.4
-15°	11735.6	11282.5	10749.3	10220.0	9694.8	9137.5	8544.1	7922.6	7188.9	6471.2	5733.5
-17.5°	10989.8	10564.8	10087.7	9582.5	9061.3	8500.0	7922.6	7397.4	6711.8	6038.2	5308.5
-20°	10188.0	9791.0	9362.0	8884.9	8363.7	7814.4	7269.1	6719.8	6126.4	5533.0	4855.4



REPORT NUMBER: P722306
 CATALOG NUMBER: IFLD-L-SA8D-935-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	9354.0	8953.1	8520.0	8075.0	7593.9	7084.7	6579.5	6054.2	5533.0	4995.7	4422.4
-25°	8391.7	8038.9	7642.0	7209.0	6779.9	6334.9	5853.8	5376.6	4931.6	4466.5	3997.4
-27.5°	7385.4	7060.6	6699.8	6322.9	5954.0	5581.1	5164.1	4723.1	4354.2	3969.3	3580.4
-30°	6326.9	6066.3	5773.6	5444.8	5160.1	4859.4	4510.6	4145.7	3809.0	3516.3	3203.5
-32.5°	5324.5	5104.0	4895.5	4679.0	4398.3	4165.8	3925.2	3656.6	3359.9	3083.3	2858.7
-35°	4462.5	4225.9	4137.7	3977.4	3776.9	3572.4	3396.0	3203.5	2979.0	2734.4	2550.0
-37.5°	3736.8	3596.5	3472.2	3384.0	3251.6	3087.3	2946.9	2806.6	2634.2	2449.8	2265.3
-40°	3171.5	3075.2	2938.9	2894.8	2810.6	2698.3	2554.0	2445.8	2329.5	2189.1	2032.8
-42.5°	2718.4	2646.2	2558.0	2481.8	2445.8	2365.6	2253.3	2149.1	2056.8	1960.6	1840.3
-45°	2345.5	2297.4	2241.3	2173.1	2145.0	2080.9	2000.7	1884.4	1832.3	1752.1	1663.9
-47.5°	2044.8	2020.8	1980.7	1936.6	1896.5	1848.3	1776.2	1704.0	1631.8	1579.7	1511.6
-50°	1808.3	1792.2	1768.2	1732.1	1680.0	1647.9	1599.8	1535.6	1467.5	1423.3	1375.2
-52.5°	1619.8	1603.8	1587.7	1559.7	1519.6	1487.5	1447.4	1395.3	1339.1	1295.0	1255.0
-55°	1475.5	1451.4	1439.4	1415.3	1383.3	1347.2	1311.1	1275.0	1226.9	1186.8	1146.7
-57.5°	1363.2	1331.1	1315.1	1295.0	1263.0	1226.9	1198.8	1162.7	1130.7	1086.6	1050.5
-60°	1275.0	1238.9	1206.8	1186.8	1158.7	1122.6	1094.6	1066.5	1034.4	998.3	954.2
-62.5°	1202.8	1158.7	1114.6	1090.6	1062.5	1030.4	1002.4	974.3	942.2	906.1	866.0
-65°	1134.7	1082.5	1026.4	1002.4	974.3	942.2	906.1	886.1	858.0	825.9	785.8
-67.5°	1050.5	994.3	946.2	918.2	890.1	862.0	830.0	809.9	781.8	741.7	701.6
-70°	926.2	890.1	858.0	834.0	809.9	785.8	753.8	721.7	689.6	653.5	617.5
-72.5°	769.8	757.8	753.8	741.7	713.7	685.6	653.5	621.5	593.4	565.3	537.3
-75°	621.5	629.5	637.5	633.5	605.4	577.4	549.3	521.2	501.2	477.1	453.1
-77.5°	493.2	501.2	509.2	509.2	489.2	473.1	453.1	433.0	417.0	396.9	372.9
-80°	380.9	392.9	405.0	413.0	396.9	384.9	368.9	352.8	336.8	320.8	304.7
-82.5°	288.7	300.7	312.7	320.8	308.7	300.7	288.7	276.7	264.6	248.6	236.6
-85°	208.5	216.5	224.5	228.5	220.5	212.5	204.5	196.5	188.4	176.4	168.4
-87.5°	120.3	124.3	128.3	132.3	124.3	116.3	112.3	104.2	100.2	92.2	88.2
-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: P722306
 CATALOG NUMBER: IFLD-L-SA8D-935-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°	100.2	92.2	84.2	80.2	72.2	60.1	52.1	44.1	36.1	28.1	24.1
85°	212.5	192.5	168.4	156.4	140.3	124.3	108.3	92.2	76.2	60.1	44.1
82.5°	364.9	340.8	316.7	288.7	252.6	208.5	164.4	136.3	112.3	88.2	68.2
80°	549.3	505.2	465.1	429.0	388.9	332.8	272.6	216.5	152.4	116.3	88.2
77.5°	761.8	709.7	653.5	593.4	529.2	453.1	384.9	312.7	236.6	160.4	112.3
75°	1002.4	934.2	858.0	773.8	689.6	589.4	493.2	409.0	320.8	224.5	136.3
72.5°	1271.0	1186.8	1094.6	982.3	850.0	733.7	617.5	505.2	400.9	284.7	184.4
70°	1615.8	1483.5	1347.2	1226.9	1058.5	874.1	737.7	609.4	477.1	348.8	232.5
67.5°	1984.7	1824.3	1659.9	1483.5	1271.0	1054.5	858.0	713.7	557.3	409.0	276.7
65°	2385.6	2185.1	1976.6	1780.2	1487.5	1230.9	1010.4	813.9	633.5	465.1	320.8
62.5°	2798.6	2562.0	2321.5	2064.9	1728.1	1411.3	1154.7	926.2	705.7	517.2	360.8
60°	3239.6	2963.0	2670.3	2349.5	1956.6	1607.8	1291.0	1042.5	781.8	569.3	405.0
57.5°	3704.7	3404.0	3059.2	2626.2	2193.2	1796.2	1447.4	1146.7	850.0	617.5	437.0
55°	4209.9	3865.1	3488.2	2914.9	2425.7	1984.7	1603.8	1250.9	922.2	657.5	469.1
52.5°	4755.2	4354.2	3877.1	3219.6	2670.3	2177.1	1748.1	1343.2	990.3	701.6	497.2
50°	5364.6	4859.4	4217.9	3500.2	2882.8	2357.5	1892.5	1443.4	1046.5	749.8	521.2
47.5°	5998.1	5452.8	4522.6	3760.8	3099.3	2534.0	2040.8	1531.6	1102.6	789.9	545.3
45°	6659.7	5865.8	4839.4	3993.4	3287.7	2694.3	2153.1	1611.8	1170.8	825.9	565.3
42.5°	7313.2	6178.5	5116.0	4225.9	3464.1	2838.7	2245.3	1688.0	1226.9	862.0	585.4
40°	7621.9	6415.1	5336.5	4386.3	3612.5	2967.0	2325.5	1756.1	1275.0	886.1	605.4
37.5°	7750.2	6559.4	5480.9	4538.7	3728.8	3035.1	2393.6	1816.3	1315.1	910.1	621.5
35°	7778.3	6611.5	5553.1	4642.9	3825.0	3099.3	2445.8	1860.4	1347.2	934.2	637.5
32.5°	7726.2	6595.5	5573.1	4679.0	3885.1	3147.4	2481.8	1892.5	1371.2	958.3	653.5
30°	7609.9	6511.3	5500.9	4675.0	3929.2	3175.5	2505.9	1916.5	1395.3	974.3	661.6
27.5°	7421.5	6363.0	5408.7	4679.0	3953.3	3187.5	2517.9	1928.5	1411.3	986.3	677.6
25°	7188.9	6162.5	5412.7	4671.0	3957.3	3191.5	2517.9	1928.5	1415.3	990.3	689.6
22.5°	6920.3	6162.5	5412.7	4659.0	3933.2	3183.5	2505.9	1920.5	1415.3	998.3	701.6
20°	6936.3	6166.5	5400.7	4634.9	3897.2	3159.4	2477.8	1900.5	1403.3	1010.4	709.7
17.5°	6948.3	6158.5	5376.6	4602.8	3849.1	3119.3	2441.7	1872.4	1403.3	1022.4	713.7
15°	6948.3	6134.4	5340.6	4554.7	3788.9	3063.2	2389.6	1848.3	1407.3	1026.4	721.7
12.5°	6936.3	6090.3	5284.4	4490.6	3716.7	2995.0	2357.5	1840.3	1407.3	1030.4	721.7
10°	6912.3	6030.2	5212.3	4410.4	3648.6	2971.0	2341.5	1824.3	1399.3	1030.4	721.7
7.5°	6868.2	5958.0	5152.1	4362.3	3608.5	2942.9	2317.4	1800.2	1387.3	1022.4	729.7
5°	6800.0	5917.9	5104.0	4306.1	3552.4	2922.9	2301.4	1780.2	1379.2	1022.4	721.7
2.5°	6711.8	5869.8	5047.9	4234.0	3488.2	2854.7	2249.3	1736.1	1351.2	1006.4	713.7
0°	6567.4	5773.6	4951.6	4133.7	3400.0	2786.6	2197.2	1692.0	1323.1	990.3	705.7
-2.5°	6435.1	5645.3	4827.4	4029.5	3315.8	2726.4	2157.1	1667.9	1311.1	986.3	701.6
-5°	6250.7	5468.9	4663.0	3893.2	3203.5	2666.3	2117.0	1639.9	1299.1	978.3	701.6
-7.5°	6046.2	5284.4	4490.6	3752.8	3091.3	2562.0	2040.8	1595.8	1271.0	962.3	697.6
-10°	5729.5	5007.8	4274.1	3592.4	2971.0	2469.8	1976.6	1555.7	1246.9	946.2	681.6
-12.5°	5392.7	4703.1	4025.5	3396.0	2834.7	2373.6	1904.5	1511.6	1218.9	930.2	673.6
-15°	5035.8	4390.3	3764.9	3191.5	2686.3	2257.3	1828.3	1463.4	1190.8	910.1	661.6
-17.5°	4663.0	4061.6	3496.2	2983.0	2538.0	2137.0	1748.1	1419.3	1158.7	890.1	649.5
-20°	4270.0	3724.8	3223.6	2770.5	2381.6	2016.7	1663.9	1367.2	1122.6	866.0	633.5



REPORT NUMBER: P722306

CATALOG NUMBER: IFLD-L-SA8D-935-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3881.1	3392.0	2942.9	2562.0	2221.2	1892.5	1579.7	1315.1	1082.5	838.0	621.5
-25°	3536.3	3079.2	2694.3	2361.6	2064.9	1772.2	1491.5	1263.0	1038.4	809.9	605.4
-27.5°	3199.5	2810.6	2449.8	2173.1	1912.5	1655.9	1407.3	1206.8	994.3	777.8	589.4
-30°	2886.8	2554.0	2257.3	1988.7	1768.2	1551.6	1335.1	1150.7	946.2	745.8	569.3
-32.5°	2602.1	2333.5	2084.9	1828.3	1631.8	1447.4	1267.0	1094.6	898.1	713.7	549.3
-35°	2337.5	2129.0	1912.5	1696.0	1495.5	1351.2	1194.8	1034.4	854.0	677.6	529.2
-37.5°	2100.9	1932.5	1760.1	1575.7	1403.3	1259.0	1126.6	974.3	809.9	645.5	509.2
-40°	1896.5	1760.1	1607.8	1459.4	1315.1	1178.8	1058.5	914.1	765.8	621.5	489.2
-42.5°	1708.0	1603.8	1479.5	1355.2	1226.9	1106.6	990.3	850.0	721.7	593.4	469.1
-45°	1563.7	1459.4	1359.2	1246.9	1138.7	1034.4	918.2	793.9	681.6	561.3	449.1
-47.5°	1427.4	1335.1	1242.9	1150.7	1062.5	966.3	850.0	745.8	637.5	533.3	433.0
-50°	1307.1	1218.9	1138.7	1058.5	982.3	890.1	781.8	697.6	601.4	505.2	413.0
-52.5°	1194.8	1118.6	1038.4	974.3	910.1	817.9	729.7	649.5	565.3	473.1	392.9
-55°	1094.6	1022.4	950.2	890.1	830.0	749.8	677.6	609.4	529.2	449.1	372.9
-57.5°	998.3	938.2	870.0	813.9	753.8	689.6	629.5	565.3	493.2	425.0	352.8
-60°	910.1	854.0	793.9	737.7	685.6	633.5	577.4	525.2	461.1	396.9	332.8
-62.5°	821.9	773.8	721.7	665.6	625.5	577.4	533.3	481.1	429.0	372.9	296.7
-65°	741.7	697.6	649.5	601.4	565.3	529.2	489.2	441.0	396.9	344.8	264.6
-67.5°	661.6	621.5	581.4	541.3	509.2	481.1	441.0	405.0	368.9	312.7	232.5
-70°	585.4	553.3	517.2	485.1	461.1	429.0	400.9	368.9	336.8	272.6	196.5
-72.5°	513.2	481.1	453.1	429.0	409.0	380.9	356.8	332.8	288.7	228.5	164.4
-75°	429.0	409.0	392.9	372.9	352.8	332.8	312.7	284.7	240.6	184.4	128.3
-77.5°	352.8	340.8	328.8	312.7	296.7	280.7	256.6	228.5	192.5	144.3	104.2
-80°	288.7	276.7	268.6	252.6	240.6	224.5	200.5	176.4	140.3	112.3	84.2
-82.5°	220.5	212.5	204.5	196.5	184.4	168.4	144.3	124.3	104.2	84.2	64.2
-85°	156.4	152.4	144.3	136.3	124.3	112.3	96.2	84.2	72.2	56.1	44.1
-87.5°	80.2	76.2	72.2	68.2	64.2	56.1	48.1	40.1	36.1	28.1	20.0
-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: P722306
 CATALOG NUMBER: IFLD-L-SA8D-935-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	16.0	12.0	4.0	0.0
85°	32.1	20.0	8.0	0.0
82.5°	48.1	32.1	12.0	0.0
80°	64.2	40.1	20.0	0.0
77.5°	80.2	48.1	24.1	0.0
75°	96.2	60.1	28.1	0.0
72.5°	108.3	68.2	32.1	0.0
70°	128.3	80.2	36.1	0.0
67.5°	160.4	88.2	40.1	0.0
65°	188.4	96.2	44.1	0.0
62.5°	220.5	104.2	48.1	0.0
60°	248.6	112.3	52.1	0.0
57.5°	276.7	132.3	56.1	0.0
55°	300.7	148.3	60.1	0.0
52.5°	328.8	164.4	64.2	0.0
50°	352.8	180.4	68.2	0.0
47.5°	372.9	196.5	68.2	0.0
45°	388.9	208.5	72.2	0.0
42.5°	400.9	220.5	76.2	0.0
40°	413.0	232.5	80.2	0.0
37.5°	425.0	244.6	80.2	0.0
35°	437.0	256.6	84.2	0.0
32.5°	449.1	268.6	84.2	0.0
30°	457.1	276.7	88.2	0.0
27.5°	469.1	284.7	88.2	0.0
25°	473.1	292.7	92.2	0.0
22.5°	481.1	296.7	92.2	0.0
20°	489.2	304.7	92.2	0.0
17.5°	493.2	308.7	96.2	0.0
15°	493.2	312.7	100.2	0.0
12.5°	497.2	316.7	100.2	0.0
10°	497.2	324.8	96.2	0.0
7.5°	505.2	320.8	96.2	0.0
5°	501.2	320.8	96.2	0.0
2.5°	497.2	316.7	96.2	0.0
0°	493.2	316.7	96.2	0.0
-2.5°	493.2	316.7	96.2	0.0
-5°	493.2	316.7	96.2	0.0
-7.5°	489.2	320.8	96.2	0.0
-10°	481.1	320.8	96.2	0.0
-12.5°	477.1	308.7	96.2	0.0
-15°	473.1	304.7	96.2	0.0
-17.5°	465.1	300.7	92.2	0.0
-20°	457.1	296.7	92.2	0.0



REPORT NUMBER: P722306

CATALOG NUMBER: IFLD-L-SA8D-935-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	449.1	288.7	92.2	0.0
-25°	441.0	280.7	88.2	0.0
-27.5°	433.0	272.6	88.2	0.0
-30°	421.0	264.6	84.2	0.0
-32.5°	409.0	256.6	84.2	0.0
-35°	400.9	244.6	80.2	0.0
-37.5°	388.9	232.5	80.2	0.0
-40°	376.9	220.5	76.2	0.0
-42.5°	364.9	208.5	72.2	0.0
-45°	348.8	196.5	72.2	0.0
-47.5°	336.8	184.4	68.2	0.0
-50°	316.7	168.4	64.2	0.0
-52.5°	292.7	152.4	60.1	0.0
-55°	268.6	140.3	56.1	0.0
-57.5°	244.6	124.3	56.1	0.0
-60°	220.5	108.3	52.1	0.0
-62.5°	196.5	100.2	48.1	0.0
-65°	172.4	92.2	44.1	0.0
-67.5°	144.3	80.2	40.1	0.0
-70°	120.3	72.2	36.1	0.0
-72.5°	104.2	64.2	32.1	0.0
-75°	88.2	56.1	28.1	0.0
-77.5°	76.2	48.1	24.1	0.0
-80°	60.1	36.1	16.0	0.0
-82.5°	44.1	28.1	12.0	0.0
-85°	28.1	20.0	8.0	0.0
-87.5°	16.0	8.0	4.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)