

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: P722100

Luminaire Tested: **IFLD-L-SA8A-740-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722100  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA8A-740-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (128) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

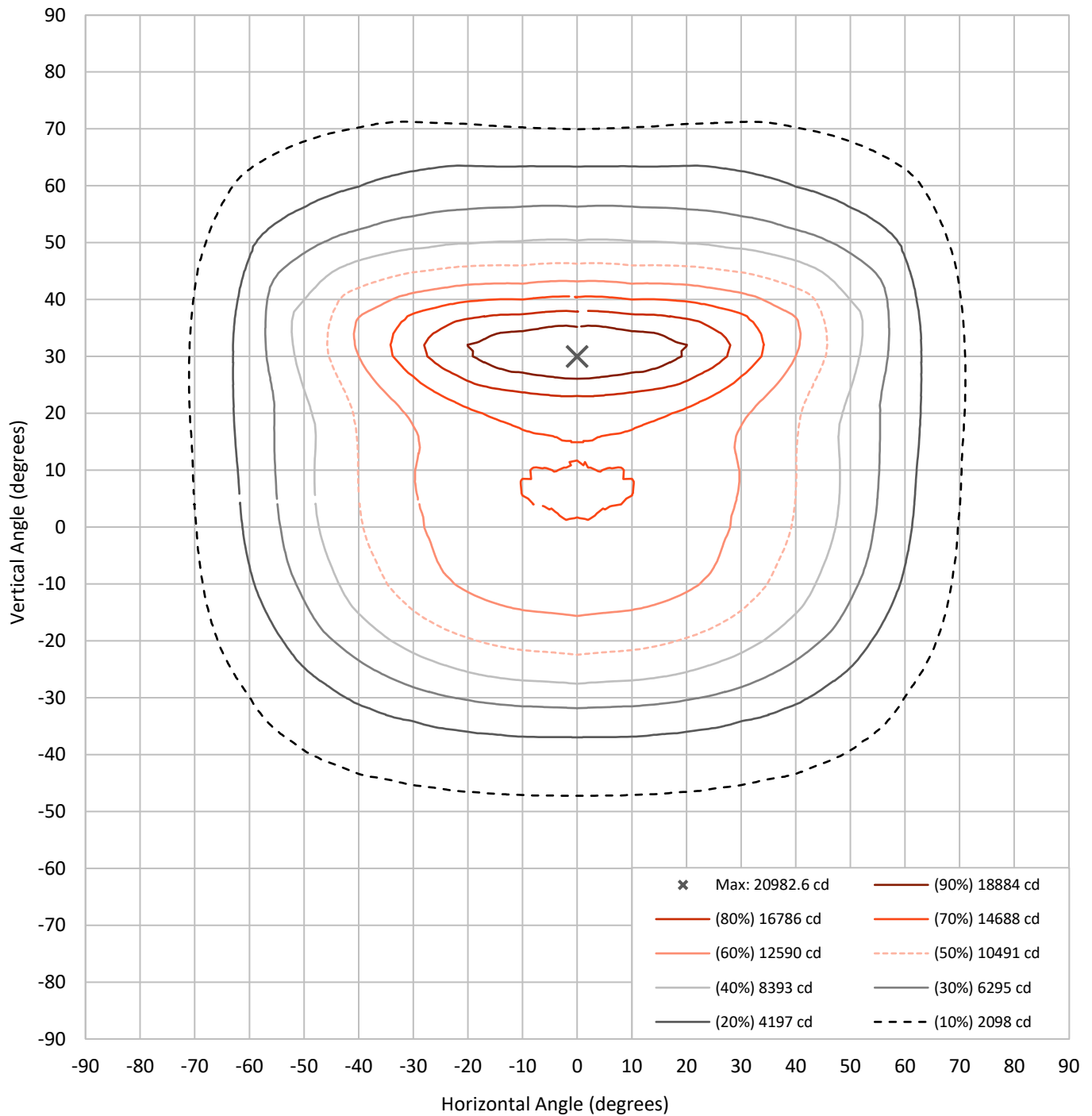
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	35025.3 lumens	Max Intensity:	20982.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	141.3 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	20367.6 lumens	Field Lumens:	32823.2 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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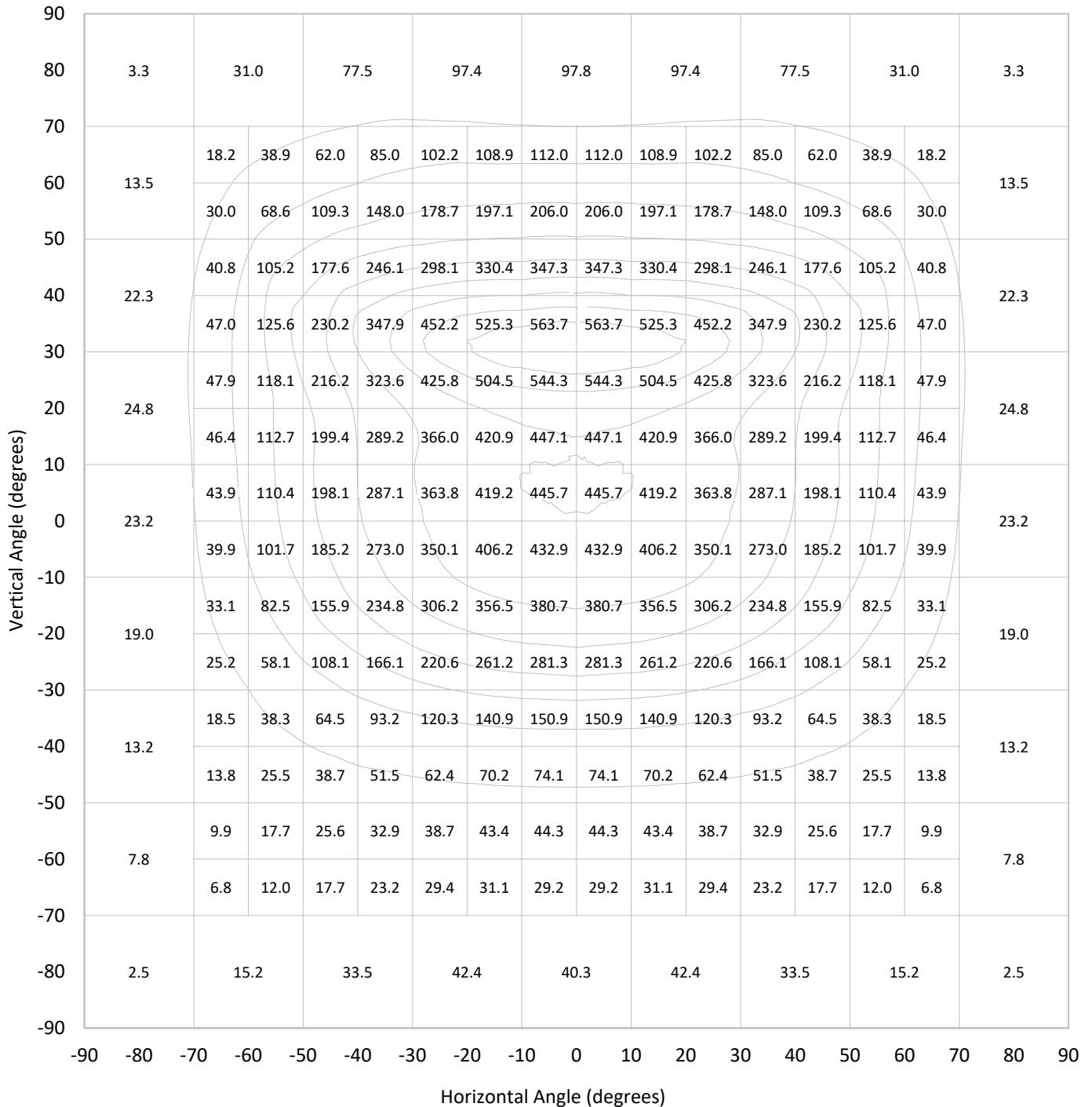
### Iso-Candela Plot





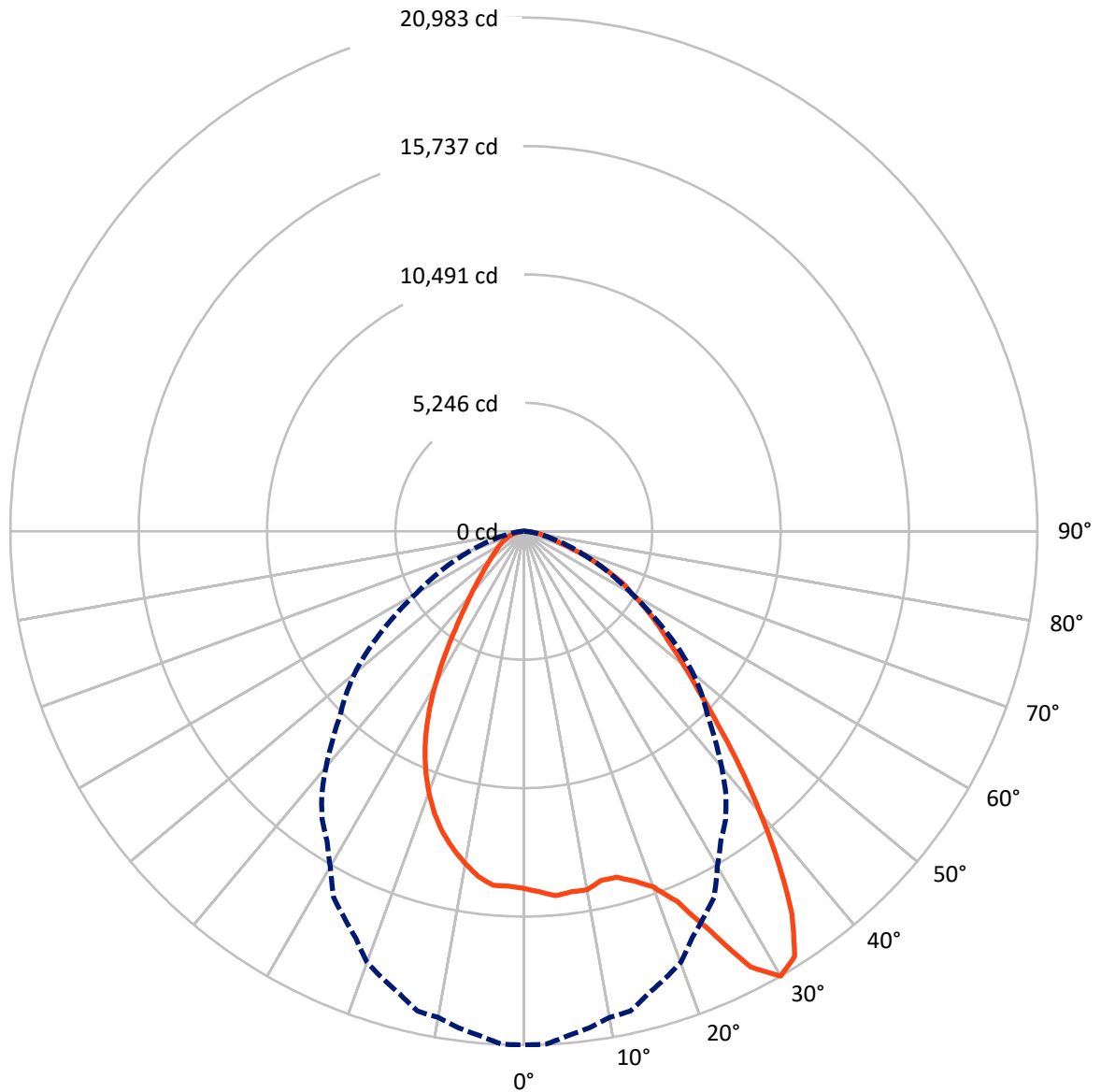
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### Lumen Table



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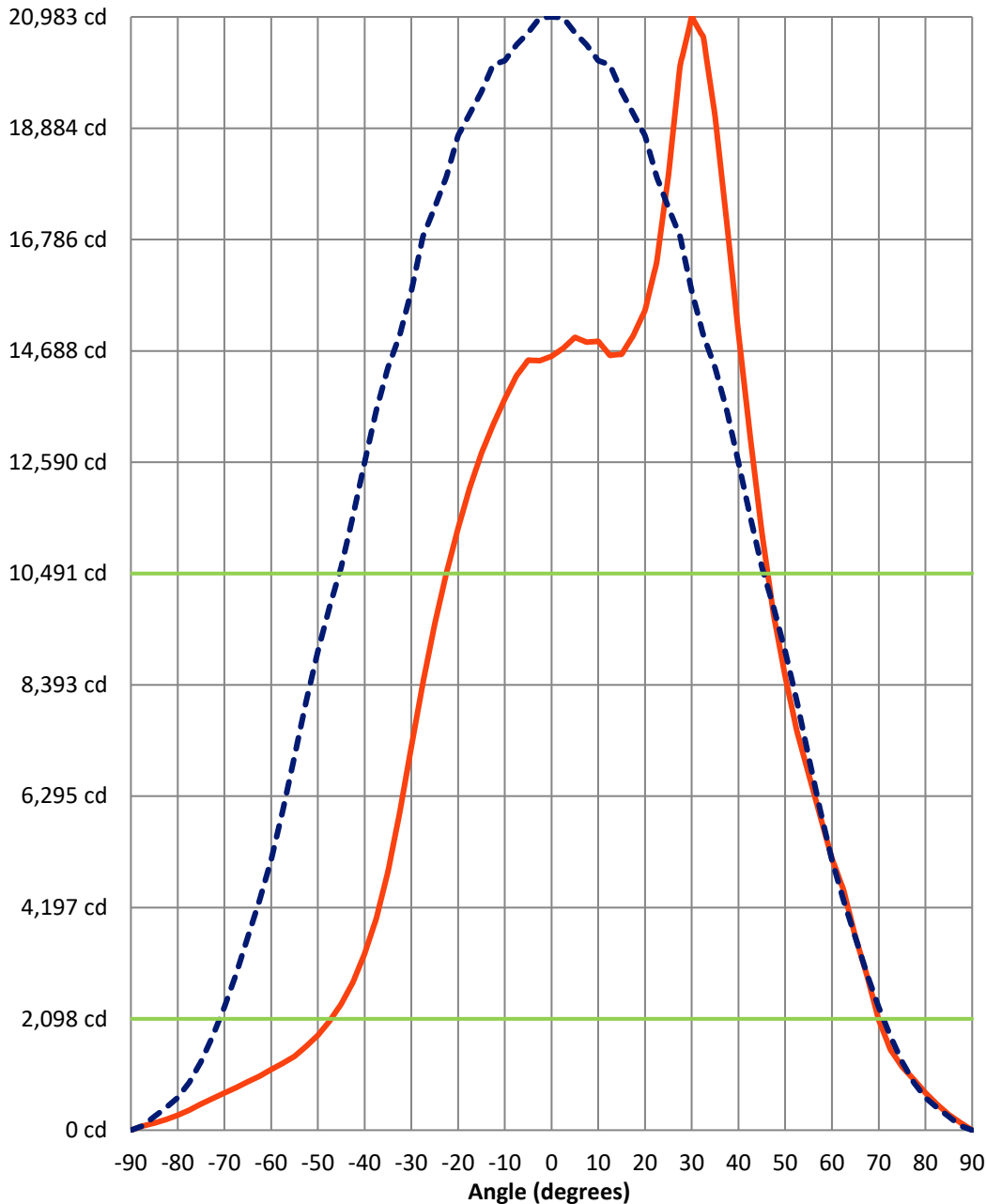
### Luminous Intensity Polar Plot



— 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: 20367.6  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 32823.2  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 2202.1  
 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°	141.0	144.7	148.4	148.4	144.7	144.7	144.7	141.0	144.7	144.7	144.7
85°	293.1	300.5	308.0	304.3	300.5	293.1	285.7	289.4	293.1	296.8	296.8
82.5°	486.1	497.2	504.6	500.9	493.5	486.1	478.6	482.4	489.8	493.5	493.5
80°	705.0	708.7	712.4	719.8	708.7	708.7	705.0	719.8	727.2	734.7	742.1
77.5°	957.3	961.0	961.0	964.7	968.4	972.1	972.1	998.1	1016.7	1027.8	1038.9
75°	1194.8	1205.9	1217.0	1228.2	1243.0	1250.4	1261.6	1298.7	1328.3	1350.6	1372.9
72.5°	1521.3	1536.1	1554.7	1580.7	1606.6	1625.2	1651.2	1695.7	1729.1	1751.3	1777.3
70°	2081.6	2096.4	2115.0	2133.5	2159.5	2178.0	2204.0	2259.7	2293.1	2307.9	2322.7
67.5°	2912.7	2949.8	2983.2	2946.1	2927.6	2901.6	2909.0	2960.9	2994.3	3016.6	3012.9
65°	3651.1	3677.1	3677.1	3673.4	3658.5	3625.1	3643.7	3706.7	3743.9	3762.4	3706.7
62.5°	4519.3	4519.3	4500.8	4530.5	4534.2	4511.9	4500.8	4504.5	4508.2	4519.3	4426.6
60°	5120.4	5157.5	5168.7	5194.6	5202.1	5202.1	5220.6	5235.5	5235.5	5213.2	5105.6
57.5°	5914.5	5985.0	5999.8	5981.3	5944.2	5895.9	5888.5	5866.2	5821.7	5777.2	5725.2
55°	6715.9	6753.0	6749.3	6738.2	6701.1	6645.4	6652.9	6623.2	6552.7	6497.0	6426.5
52.5°	7521.1	7610.1	7625.0	7602.7	7550.8	7491.4	7495.1	7461.7	7391.2	7331.9	7235.4
50°	8548.9	8623.1	8615.7	8578.6	8504.4	8459.8	8463.6	8400.5	8318.8	8300.3	8174.1
47.5°	9725.1	9810.4	9795.6	9743.7	9643.5	9624.9	9643.5	9561.8	9513.6	9472.8	9324.4
45°	11268.7	11368.8	11313.2	11213.0	11053.5	11072.0	11098.0	11083.1	10979.2	10871.6	10682.4
42.5°	13079.4	13142.4	13075.7	12975.5	12775.1	12812.2	12797.4	12708.3	12645.2	12467.1	12226.0
40°	15016.2	15153.5	15049.6	14893.8	14686.0	14741.6	14700.8	14585.8	14437.4	14214.8	13910.5
37.5°	17105.2	17212.8	17094.1	16912.3	16726.7	16708.2	16626.6	16448.5	16237.0	15992.1	15506.0
35°	19105.1	19383.4	19164.5	18875.1	18648.8	18563.4	18485.5	18073.6	17832.5	17435.4	16771.3
32.5°	20593.0	20797.1	20526.3	20225.7	19951.1	19832.4	19557.8	19068.0	18938.2	18103.3	17494.8
30°	20982.6	20967.8	20685.8	20455.8	20158.9	20077.3	19572.7	19157.1	18741.5	17969.7	17390.9
27.5°	20055.0	19962.3	19691.4	19491.0	19197.9	19101.4	18604.2	18381.6	17739.7	17086.7	16596.9
25°	17988.3	18036.5	17832.5	17732.3	17539.3	17331.5	17134.9	16834.3	16433.6	15862.2	15413.2
22.5°	16359.4	16422.5	16337.1	16218.4	16070.0	15955.0	15806.5	15572.8	15186.9	14834.4	14411.4
20°	15454.1	15435.5	15361.3	15272.2	15131.2	15049.6	14886.4	14689.7	14392.9	14088.6	13632.2
17.5°	14979.1	14864.1	14793.6	14760.2	14686.0	14582.1	14389.2	14188.8	13958.7	13613.7	13279.7
15°	14626.6	14645.2	14589.5	14563.5	14504.2	14359.5	14162.8	13999.6	13687.9	13513.5	13209.2
12.5°	14604.4	14585.8	14589.5	14578.4	14504.2	14318.7	14218.5	14010.7	13810.3	13580.3	13231.5
10°	14867.8	14671.1	14686.0	14737.9	14619.2	14470.8	14363.2	14136.8	13947.6	13654.5	13309.4
7.5°	14853.0	14752.8	14782.5	14697.1	14734.2	14552.4	14404.0	14177.7	13940.2	13628.5	13316.8
5°	14942.0	14789.9	14763.9	14771.3	14678.6	14541.3	14340.9	14125.7	13903.1	13554.3	13235.2
2.5°	14737.9	14760.2	14641.5	14596.9	14585.8	14355.8	14170.2	13962.5	13732.4	13424.4	13138.7
0°	14585.8	14626.6	14504.2	14441.1	14437.4	14240.7	14122.0	13884.5	13721.3	13465.3	13120.2
-2.5°	14504.2	14552.4	14567.3	14452.2	14340.9	14188.8	13988.4	13732.4	13465.3	13168.4	12871.6
-5°	14511.6	14415.1	14374.3	14411.4	14314.9	14162.8	13940.2	13713.9	13450.4	13131.3	12760.3
-7.5°	14218.5	14122.0	14114.6	14096.0	14073.8	13929.1	13743.5	13498.6	13231.5	12934.7	12589.6
-10°	13780.6	13710.1	13691.6	13673.0	13613.7	13528.3	13353.9	13131.3	12890.1	12593.3	12226.0
-12.5°	13294.6	13261.2	13190.7	13142.4	13083.1	12982.9	12815.9	12611.8	12370.7	12107.2	11791.8
-15°	12756.6	12693.5	12623.0	12582.2	12496.8	12378.1	12211.1	12021.9	11758.4	11498.7	11201.9
-17.5°	12107.2	12029.3	11951.4	11940.3	11880.9	11699.1	11543.2	11313.2	11083.1	10834.5	10545.1
-20°	11342.9	11235.3	11183.3	11153.6	11072.0	10938.4	10771.5	10560.0	10337.3	10099.9	9765.9



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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°	10496.9	10404.1	10315.1	10259.4	10188.9	10085.0	9925.5	9740.0	9521.0	9253.9	8945.9
-25°	9535.9	9406.0	9350.4	9287.3	9250.2	9153.7	8997.9	8827.2	8600.8	8341.1	8048.0
-27.5°	8437.6	8333.7	8304.0	8215.0	8170.4	8070.2	7940.4	7780.8	7573.0	7328.2	7087.0
-30°	7224.3	7161.2	7112.9	7023.9	6990.5	6882.9	6797.6	6664.0	6474.7	6300.4	6107.4
-32.5°	5977.5	5914.5	5899.6	5858.8	5836.5	5766.1	5669.6	5573.1	5421.0	5291.1	5135.3
-35°	4871.8	4827.3	4831.0	4827.3	4805.0	4753.1	4634.4	4608.4	4497.1	4378.3	4278.2
-37.5°	3988.7	3992.5	3988.7	3985.0	3955.3	3933.1	3847.7	3814.4	3747.6	3632.5	3573.2
-40°	3324.6	3332.0	3328.3	3320.9	3287.5	3276.3	3220.7	3176.2	3150.2	3068.5	3005.5
-42.5°	2786.6	2797.7	2794.0	2790.3	2768.0	2764.3	2734.6	2682.7	2667.8	2619.6	2552.8
-45°	2378.4	2374.7	2367.3	2374.7	2363.6	2352.4	2333.9	2300.5	2281.9	2259.7	2204.0
-47.5°	2055.6	2059.3	2051.9	2051.9	2037.0	2025.9	2018.5	1996.2	1981.4	1962.8	1929.4
-50°	1788.4	1803.3	1799.6	1795.9	1784.7	1777.3	1777.3	1755.0	1732.8	1725.4	1703.1
-52.5°	1580.7	1591.8	1595.5	1602.9	1606.6	1610.3	1599.2	1576.9	1539.8	1536.1	1525.0
-55°	1391.4	1424.8	1447.1	1461.9	1476.8	1487.9	1465.6	1435.9	1398.8	1384.0	1380.3
-57.5°	1261.6	1294.9	1320.9	1343.2	1361.7	1380.3	1358.0	1328.3	1294.9	1276.4	1272.7
-60°	1142.8	1172.5	1198.5	1228.2	1254.1	1283.8	1272.7	1250.4	1231.9	1217.0	1202.2
-62.5°	1016.7	1046.3	1076.0	1113.1	1146.5	1176.2	1179.9	1176.2	1172.5	1176.2	1150.2
-65°	912.8	927.6	946.2	987.0	1024.1	1057.5	1076.0	1087.2	1105.7	1124.3	1098.3
-67.5°	801.5	820.0	842.3	872.0	901.6	923.9	949.9	979.6	1009.2	1038.9	1020.4
-70°	701.3	716.1	734.7	749.5	768.1	782.9	805.2	838.6	872.0	901.6	894.2
-72.5°	597.4	612.2	623.4	630.8	641.9	649.3	660.5	690.1	712.4	727.2	727.2
-75°	493.5	508.3	519.5	523.2	530.6	534.3	541.7	552.9	564.0	567.7	571.4
-77.5°	378.5	393.3	404.4	411.9	419.3	426.7	430.4	437.8	441.5	441.5	445.3
-80°	282.0	293.1	300.5	311.7	315.4	322.8	330.2	333.9	337.7	337.7	341.4
-82.5°	200.4	207.8	215.2	222.6	230.0	233.8	241.2	244.9	248.6	252.3	256.0
-85°	133.6	141.0	148.4	155.8	159.5	163.3	167.0	170.7	174.4	178.1	181.8
-87.5°	77.9	81.6	85.3	92.8	96.5	103.9	107.6	103.9	107.6	107.6	107.6
-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°	144.7	144.7	144.7	144.7	141.0	133.6	129.9	122.4	115.0	107.6	100.2
85°	300.5	304.3	304.3	304.3	296.8	293.1	282.0	270.9	256.0	233.8	215.2
82.5°	500.9	504.6	504.6	500.9	493.5	482.4	467.5	449.0	419.3	389.6	363.6
80°	753.2	756.9	756.9	753.2	734.7	716.1	697.6	675.3	638.2	597.4	552.9
77.5°	1053.8	1061.2	1061.2	1050.1	1024.1	1001.8	972.1	935.0	879.4	820.0	760.6
75°	1402.6	1421.1	1424.8	1413.7	1380.3	1339.5	1291.2	1228.2	1142.8	1068.6	998.1
72.5°	1807.0	1825.5	1840.4	1825.5	1777.3	1721.7	1651.2	1576.9	1491.6	1391.4	1272.7
70°	2337.6	2356.1	2367.3	2319.0	2233.7	2140.9	2055.6	1970.3	1870.1	1747.6	1617.8
67.5°	3005.5	2986.9	2964.7	2868.2	2760.6	2649.3	2530.5	2404.4	2274.5	2144.6	1992.5
65°	3647.4	3595.4	3547.2	3432.2	3294.9	3150.2	3012.9	2871.9	2716.1	2552.8	2408.1
62.5°	4322.7	4211.4	4092.6	3951.6	3810.6	3651.1	3513.8	3346.8	3172.4	2972.1	2786.6
60°	4986.9	4853.3	4734.5	4560.2	4374.6	4159.4	4011.0	3847.7	3643.7	3428.5	3209.5
57.5°	5628.8	5484.1	5354.2	5202.1	5001.7	4767.9	4604.7	4393.2	4178.0	3907.1	3684.5
55°	6311.5	6166.8	6062.9	5892.2	5673.3	5458.1	5280.0	5057.4	4756.8	4467.4	4192.8
52.5°	7094.4	6979.4	6868.1	6693.7	6430.2	6211.3	6014.7	5766.1	5450.7	5094.5	4764.2
50°	7970.1	7910.7	7792.0	7587.9	7287.3	7094.4	6834.7	6504.4	6166.8	5792.0	5380.2
47.5°	9131.4	9035.0	8868.0	8645.4	8393.1	8103.6	7754.9	7369.0	6890.3	6474.7	6036.9
45°	10519.1	10341.0	10125.8	9825.3	9513.6	9187.1	8804.9	8315.1	7673.2	7131.5	6671.4
42.5°	12021.9	11780.7	11487.6	11094.3	10689.8	10289.1	9877.2	9209.4	8407.9	7784.5	7265.1
40°	13591.4	13283.4	12916.1	12344.7	11895.7	11380.0	10908.7	9910.6	9057.2	8381.9	7829.1
37.5°	15127.5	14737.9	14122.0	13428.1	12905.0	12482.0	11446.8	10378.1	9613.8	8871.7	8311.4
35°	16303.7	15973.5	14886.4	14166.5	13717.6	13049.7	11754.7	10660.1	9851.3	9235.3	8363.4
32.5°	17001.3	16147.9	15194.3	14467.1	14096.0	13001.4	11777.0	10741.8	9962.6	9272.4	8229.8
30°	16845.5	15814.0	14979.1	14370.6	13565.4	12582.2	11569.2	10615.6	9858.7	9023.8	8081.4
27.5°	15906.7	15109.0	14363.2	13728.7	12938.4	12055.3	11120.2	10281.7	9576.7	8767.8	7877.3
25°	14845.5	14122.0	13569.1	13016.3	12266.8	11424.5	10600.8	9996.0	9287.3	8489.5	7610.1
22.5°	13869.7	13350.2	12916.1	12337.3	11606.3	10871.6	10359.6	9732.5	9005.3	8196.4	7335.6
20°	13246.3	12893.8	12396.6	11758.4	11183.3	10723.2	10155.5	9491.4	8741.8	7895.9	7101.8
17.5°	12945.8	12537.6	11984.8	11569.2	11127.7	10623.0	9988.6	9283.6	8485.8	7758.6	7127.8
15°	12789.9	12359.5	11995.9	11587.8	11090.6	10560.0	9855.0	9124.0	8485.8	7814.2	7146.3
12.5°	12823.3	12452.3	12055.3	11610.0	11075.7	10508.0	9869.8	9190.8	8530.3	7855.0	7150.1
10°	12927.2	12537.6	12114.6	11621.2	11083.1	10522.9	9910.6	9231.6	8552.6	7873.6	7142.6
7.5°	12964.3	12541.3	12088.7	11591.5	11064.6	10515.4	9918.1	9242.7	8556.3	7869.9	7120.4
5°	12849.3	12467.1	12029.3	11528.4	11012.6	10478.3	9888.4	9227.9	8526.6	7832.8	7064.7
2.5°	12693.5	12385.5	11966.2	11483.9	10960.7	10426.4	9840.1	9161.1	8459.8	7766.0	6994.2
0°	12667.5	12285.3	11862.3	11431.9	10875.4	10311.4	9728.8	9035.0	8337.4	7639.8	6871.8
-2.5°	12496.8	12092.4	11669.4	11201.9	10712.1	10144.4	9532.2	8853.2	8163.0	7476.6	6738.2
-5°	12367.0	11918.0	11469.0	10964.4	10470.9	9903.2	9268.7	8608.3	7933.0	7265.1	6552.7
-7.5°	12192.6	11732.5	11261.2	10734.4	10200.0	9621.2	8994.1	8333.7	7669.5	7005.3	6322.6
-10°	11840.1	11435.6	10994.1	10448.6	9884.7	9305.8	8682.5	8033.1	7369.0	6697.4	6010.9
-12.5°	11413.4	10986.7	10504.3	10003.4	9498.8	8960.8	8337.4	7699.2	7031.3	6356.0	5673.3
-15°	10860.5	10441.2	9947.7	9458.0	8971.9	8456.1	7907.0	7331.9	6652.9	5988.7	5306.0
-17.5°	10170.4	9777.1	9335.5	8868.0	8385.6	7866.2	7331.9	6845.8	6211.3	5587.9	4912.6
-20°	9428.3	9060.9	8663.9	8222.4	7740.0	7231.7	6727.1	6218.7	5669.6	5120.4	4493.4



REPORT NUMBER: P722100  
 CATALOG NUMBER: IFLD-L-SA8A-740-U-76

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	8656.5	8285.5	7884.7	7472.9	7027.6	6556.4	6088.9	5602.8	5120.4	4623.2	4092.6
-25°	7766.0	7439.5	7072.1	6671.4	6274.4	5862.5	5417.3	4975.7	4563.9	4133.4	3699.3
-27.5°	6834.7	6534.1	6200.2	5851.4	5510.0	5165.0	4779.1	4370.9	4029.6	3673.4	3313.4
-30°	5855.1	5613.9	5343.1	5038.8	4775.4	4497.1	4174.3	3836.6	3524.9	3254.1	2964.7
-32.5°	4927.5	4723.4	4530.5	4330.1	4070.4	3855.2	3632.5	3383.9	3109.4	2853.3	2645.6
-35°	4129.7	3910.8	3829.2	3680.8	3495.3	3306.0	3142.8	2964.7	2756.9	2530.5	2359.9
-37.5°	3458.1	3328.3	3213.3	3131.6	3009.2	2857.1	2727.2	2597.3	2437.8	2267.1	2096.4
-40°	2935.0	2845.9	2719.8	2679.0	2601.0	2497.1	2363.6	2263.4	2155.8	2025.9	1881.2
-42.5°	2515.7	2448.9	2367.3	2296.8	2263.4	2189.2	2085.3	1988.8	1903.5	1814.4	1703.1
-45°	2170.6	2126.1	2074.1	2011.1	1985.1	1925.7	1851.5	1743.9	1695.7	1621.5	1539.8
-47.5°	1892.3	1870.1	1833.0	1792.2	1755.0	1710.5	1643.7	1576.9	1510.2	1461.9	1398.8
-50°	1673.4	1658.6	1636.3	1602.9	1554.7	1525.0	1480.5	1421.1	1358.0	1317.2	1272.7
-52.5°	1499.0	1484.2	1469.3	1443.4	1406.3	1376.6	1339.5	1291.2	1239.3	1198.5	1161.4
-55°	1365.4	1343.2	1332.1	1309.8	1280.1	1246.7	1213.3	1179.9	1135.4	1098.3	1061.2
-57.5°	1261.6	1231.9	1217.0	1198.5	1168.8	1135.4	1109.4	1076.0	1046.3	1005.5	972.1
-60°	1179.9	1146.5	1116.8	1098.3	1072.3	1038.9	1013.0	987.0	957.3	923.9	883.1
-62.5°	1113.1	1072.3	1031.5	1009.2	983.3	953.6	927.6	901.6	872.0	838.6	801.5
-65°	1050.1	1001.8	949.9	927.6	901.6	872.0	838.6	820.0	794.0	764.4	727.2
-67.5°	972.1	920.2	875.7	849.7	823.7	797.7	768.1	749.5	723.5	686.4	649.3
-70°	857.1	823.7	794.0	771.8	749.5	727.2	697.6	667.9	638.2	604.8	571.4
-72.5°	712.4	701.3	697.6	686.4	660.5	634.5	604.8	575.1	549.1	523.2	497.2
-75°	575.1	582.5	590.0	586.3	560.3	534.3	508.3	482.4	463.8	441.5	419.3
-77.5°	456.4	463.8	471.2	471.2	452.7	437.8	419.3	400.7	385.9	367.3	345.1
-80°	352.5	363.6	374.8	382.2	367.3	356.2	341.4	326.5	311.7	296.8	282.0
-82.5°	267.2	278.3	289.4	296.8	285.7	278.3	267.2	256.0	244.9	230.0	218.9
-85°	192.9	200.4	207.8	211.5	204.1	196.7	189.2	181.8	174.4	163.3	155.8
-87.5°	111.3	115.0	118.7	122.4	115.0	107.6	103.9	96.5	92.8	85.3	81.6
-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: P722100  
 CATALOG NUMBER: IFLD-L-SA8A-740-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°	92.8	85.3	77.9	74.2	66.8	55.7	48.2	40.8	33.4	26.0	22.3
85°	196.7	178.1	155.8	144.7	129.9	115.0	100.2	85.3	70.5	55.7	40.8
82.5°	337.7	315.4	293.1	267.2	233.8	192.9	152.1	126.2	103.9	81.6	63.1
80°	508.3	467.5	430.4	397.0	359.9	308.0	252.3	200.4	141.0	107.6	81.6
77.5°	705.0	656.8	604.8	549.1	489.8	419.3	356.2	289.4	218.9	148.4	103.9
75°	927.6	864.5	794.0	716.1	638.2	545.4	456.4	378.5	296.8	207.8	126.2
72.5°	1176.2	1098.3	1013.0	909.1	786.6	679.0	571.4	467.5	371.0	263.4	170.7
70°	1495.3	1372.9	1246.7	1135.4	979.6	808.9	682.7	564.0	441.5	322.8	215.2
67.5°	1836.7	1688.3	1536.1	1372.9	1176.2	975.9	794.0	660.5	515.8	378.5	256.0
65°	2207.7	2022.2	1829.3	1647.4	1376.6	1139.1	935.0	753.2	586.3	430.4	296.8
62.5°	2589.9	2371.0	2148.4	1910.9	1599.2	1306.1	1068.6	857.1	653.0	478.6	333.9
60°	2998.0	2742.0	2471.2	2174.3	1810.7	1487.9	1194.8	964.7	723.5	526.9	374.8
57.5°	3428.5	3150.2	2831.1	2430.3	2029.6	1662.3	1339.5	1061.2	786.6	571.4	404.4
55°	3896.0	3576.9	3228.1	2697.5	2244.8	1836.7	1484.2	1157.7	853.4	608.5	434.1
52.5°	4400.6	4029.6	3588.0	2979.5	2471.2	2014.8	1617.8	1243.0	916.5	649.3	460.1
50°	4964.6	4497.1	3903.4	3239.2	2667.8	2181.7	1751.3	1335.8	968.4	693.9	482.4
47.5°	5550.8	5046.2	4185.4	3480.4	2868.2	2345.0	1888.6	1417.4	1020.4	731.0	504.6
45°	6163.1	5428.4	4478.5	3695.6	3042.6	2493.4	1992.5	1491.6	1083.5	764.4	523.2
42.5°	6767.9	5717.8	4734.5	3910.8	3205.8	2627.0	2077.9	1562.1	1135.4	797.7	541.7
40°	7053.6	5936.7	4938.6	4059.2	3343.1	2745.7	2152.1	1625.2	1179.9	820.0	560.3
37.5°	7172.3	6070.3	5072.2	4200.2	3450.7	2808.8	2215.1	1680.8	1217.0	842.3	575.1
35°	7198.3	6118.5	5139.0	4296.7	3539.8	2868.2	2263.4	1721.7	1246.7	864.5	590.0
32.5°	7150.1	6103.7	5157.5	4330.1	3595.4	2912.7	2296.8	1751.3	1269.0	886.8	604.8
30°	7042.4	6025.8	5090.7	4326.4	3636.2	2938.7	2319.0	1773.6	1291.2	901.6	612.2
27.5°	6868.1	5888.5	5005.4	4330.1	3658.5	2949.8	2330.2	1784.7	1306.1	912.8	627.1
25°	6652.9	5703.0	5009.1	4322.7	3662.2	2953.5	2330.2	1784.7	1309.8	916.5	638.2
22.5°	6404.2	5703.0	5009.1	4311.6	3640.0	2946.1	2319.0	1777.3	1309.8	923.9	649.3
20°	6419.1	5706.7	4998.0	4289.3	3606.6	2923.8	2293.1	1758.8	1298.7	935.0	656.8
17.5°	6430.2	5699.3	4975.7	4259.6	3562.0	2886.7	2259.7	1732.8	1298.7	946.2	660.5
15°	6430.2	5677.0	4942.3	4215.1	3506.4	2834.8	2211.4	1710.5	1302.4	949.9	667.9
12.5°	6419.1	5636.2	4890.4	4155.7	3439.6	2771.7	2181.7	1703.1	1302.4	953.6	667.9
10°	6396.8	5580.5	4823.6	4081.5	3376.5	2749.4	2166.9	1688.3	1294.9	953.6	667.9
7.5°	6356.0	5513.7	4767.9	4037.0	3339.4	2723.5	2144.6	1666.0	1283.8	946.2	675.3
5°	6292.9	5476.6	4723.4	3985.0	3287.5	2704.9	2129.8	1647.4	1276.4	946.2	667.9
2.5°	6211.3	5432.1	4671.5	3918.2	3228.1	2641.8	2081.6	1606.6	1250.4	931.3	660.5
0°	6077.7	5343.1	4582.4	3825.5	3146.5	2578.8	2033.3	1565.8	1224.5	916.5	653.0
-2.5°	5955.3	5224.3	4467.4	3729.0	3068.5	2523.1	1996.2	1543.6	1213.3	912.8	649.3
-5°	5784.6	5061.1	4315.3	3602.9	2964.7	2467.5	1959.1	1517.6	1202.2	905.4	649.3
-7.5°	5595.4	4890.4	4155.7	3473.0	2860.8	2371.0	1888.6	1476.8	1176.2	890.5	645.6
-10°	5302.2	4634.4	3955.3	3324.6	2749.4	2285.6	1829.3	1439.7	1154.0	875.7	630.8
-12.5°	4990.6	4352.4	3725.3	3142.8	2623.3	2196.6	1762.5	1398.8	1128.0	860.8	623.4
-15°	4660.3	4063.0	3484.1	2953.5	2486.0	2089.0	1692.0	1354.3	1102.0	842.3	612.2
-17.5°	4315.3	3758.7	3235.5	2760.6	2348.7	1977.7	1617.8	1313.5	1072.3	823.7	601.1
-20°	3951.6	3447.0	2983.2	2563.9	2204.0	1866.4	1539.8	1265.3	1038.9	801.5	586.3



REPORT NUMBER: P722100  
 CATALOG NUMBER: IFLD-L-SA8A-740-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3591.7	3139.0	2723.5	2371.0	2055.6	1751.3	1461.9	1217.0	1001.8	775.5	575.1
-25°	3272.6	2849.6	2493.4	2185.5	1910.9	1640.0	1380.3	1168.8	961.0	749.5	560.3
-27.5°	2960.9	2601.0	2267.1	2011.1	1769.9	1532.4	1302.4	1116.8	920.2	719.8	545.4
-30°	2671.5	2363.6	2089.0	1840.4	1636.3	1435.9	1235.6	1064.9	875.7	690.1	526.9
-32.5°	2408.1	2159.5	1929.4	1692.0	1510.2	1339.5	1172.5	1013.0	831.1	660.5	508.3
-35°	2163.2	1970.3	1769.9	1569.5	1384.0	1250.4	1105.7	957.3	790.3	627.1	489.8
-37.5°	1944.3	1788.4	1628.9	1458.2	1298.7	1165.1	1042.6	901.6	749.5	597.4	471.2
-40°	1755.0	1628.9	1487.9	1350.6	1217.0	1090.9	979.6	846.0	708.7	575.1	452.7
-42.5°	1580.7	1484.2	1369.2	1254.1	1135.4	1024.1	916.5	786.6	667.9	549.1	434.1
-45°	1447.1	1350.6	1257.8	1154.0	1053.8	957.3	849.7	734.7	630.8	519.5	415.6
-47.5°	1320.9	1235.6	1150.2	1064.9	983.3	894.2	786.6	690.1	590.0	493.5	400.7
-50°	1209.6	1128.0	1053.8	979.6	909.1	823.7	723.5	645.6	556.6	467.5	382.2
-52.5°	1105.7	1035.2	961.0	901.6	842.3	756.9	675.3	601.1	523.2	437.8	363.6
-55°	1013.0	946.2	879.4	823.7	768.1	693.9	627.1	564.0	489.8	415.6	345.1
-57.5°	923.9	868.2	805.2	753.2	697.6	638.2	582.5	523.2	456.4	393.3	326.5
-60°	842.3	790.3	734.7	682.7	634.5	586.3	534.3	486.1	426.7	367.3	308.0
-62.5°	760.6	716.1	667.9	615.9	578.8	534.3	493.5	445.3	397.0	345.1	274.6
-65°	686.4	645.6	601.1	556.6	523.2	489.8	452.7	408.2	367.3	319.1	244.9
-67.5°	612.2	575.1	538.0	500.9	471.2	445.3	408.2	374.8	341.4	289.4	215.2
-70°	541.7	512.0	478.6	449.0	426.7	397.0	371.0	341.4	311.7	252.3	181.8
-72.5°	474.9	445.3	419.3	397.0	378.5	352.5	330.2	308.0	267.2	211.5	152.1
-75°	397.0	378.5	363.6	345.1	326.5	308.0	289.4	263.4	222.6	170.7	118.7
-77.5°	326.5	315.4	304.3	289.4	274.6	259.7	237.5	211.5	178.1	133.6	96.5
-80°	267.2	256.0	248.6	233.8	222.6	207.8	185.5	163.3	129.9	103.9	77.9
-82.5°	204.1	196.7	189.2	181.8	170.7	155.8	133.6	115.0	96.5	77.9	59.4
-85°	144.7	141.0	133.6	126.2	115.0	103.9	89.1	77.9	66.8	51.9	40.8
-87.5°	74.2	70.5	66.8	63.1	59.4	51.9	44.5	37.1	33.4	26.0	18.6
-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: P722100  
 CATALOG NUMBER: IFLD-L-SA8A-740-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	14.8	11.1	3.7	0.0
85°	29.7	18.6	7.4	0.0
82.5°	44.5	29.7	11.1	0.0
80°	59.4	37.1	18.6	0.0
77.5°	74.2	44.5	22.3	0.0
75°	89.1	55.7	26.0	0.0
72.5°	100.2	63.1	29.7	0.0
70°	118.7	74.2	33.4	0.0
67.5°	148.4	81.6	37.1	0.0
65°	174.4	89.1	40.8	0.0
62.5°	204.1	96.5	44.5	0.0
60°	230.0	103.9	48.2	0.0
57.5°	256.0	122.4	51.9	0.0
55°	278.3	137.3	55.7	0.0
52.5°	304.3	152.1	59.4	0.0
50°	326.5	167.0	63.1	0.0
47.5°	345.1	181.8	63.1	0.0
45°	359.9	192.9	66.8	0.0
42.5°	371.0	204.1	70.5	0.0
40°	382.2	215.2	74.2	0.0
37.5°	393.3	226.3	74.2	0.0
35°	404.4	237.5	77.9	0.0
32.5°	415.6	248.6	77.9	0.0
30°	423.0	256.0	81.6	0.0
27.5°	434.1	263.4	81.6	0.0
25°	437.8	270.9	85.3	0.0
22.5°	445.3	274.6	85.3	0.0
20°	452.7	282.0	85.3	0.0
17.5°	456.4	285.7	89.1	0.0
15°	456.4	289.4	92.8	0.0
12.5°	460.1	293.1	92.8	0.0
10°	460.1	300.5	89.1	0.0
7.5°	467.5	296.8	89.1	0.0
5°	463.8	296.8	89.1	0.0
2.5°	460.1	293.1	89.1	0.0
0°	456.4	293.1	89.1	0.0
-2.5°	456.4	293.1	89.1	0.0
-5°	456.4	293.1	89.1	0.0
-7.5°	452.7	296.8	89.1	0.0
-10°	445.3	296.8	89.1	0.0
-12.5°	441.5	285.7	89.1	0.0
-15°	437.8	282.0	89.1	0.0
-17.5°	430.4	278.3	85.3	0.0
-20°	423.0	274.6	85.3	0.0



REPORT NUMBER: P722100  
 CATALOG NUMBER: IFLD-L-SA8A-740-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	415.6	267.2	85.3	0.0
-25°	408.2	259.7	81.6	0.0
-27.5°	400.7	252.3	81.6	0.0
-30°	389.6	244.9	77.9	0.0
-32.5°	378.5	237.5	77.9	0.0
-35°	371.0	226.3	74.2	0.0
-37.5°	359.9	215.2	74.2	0.0
-40°	348.8	204.1	70.5	0.0
-42.5°	337.7	192.9	66.8	0.0
-45°	322.8	181.8	66.8	0.0
-47.5°	311.7	170.7	63.1	0.0
-50°	293.1	155.8	59.4	0.0
-52.5°	270.9	141.0	55.7	0.0
-55°	248.6	129.9	51.9	0.0
-57.5°	226.3	115.0	51.9	0.0
-60°	204.1	100.2	48.2	0.0
-62.5°	181.8	92.8	44.5	0.0
-65°	159.5	85.3	40.8	0.0
-67.5°	133.6	74.2	37.1	0.0
-70°	111.3	66.8	33.4	0.0
-72.5°	96.5	59.4	29.7	0.0
-75°	81.6	51.9	26.0	0.0
-77.5°	70.5	44.5	22.3	0.0
-80°	55.7	33.4	14.8	0.0
-82.5°	40.8	26.0	11.1	0.0
-85°	26.0	18.6	7.4	0.0
-87.5°	14.8	7.4	3.7	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)