

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: P722151

Luminaire Tested: **IFLD-M-SA4D-760-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722151
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4D-760-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (64) 5700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

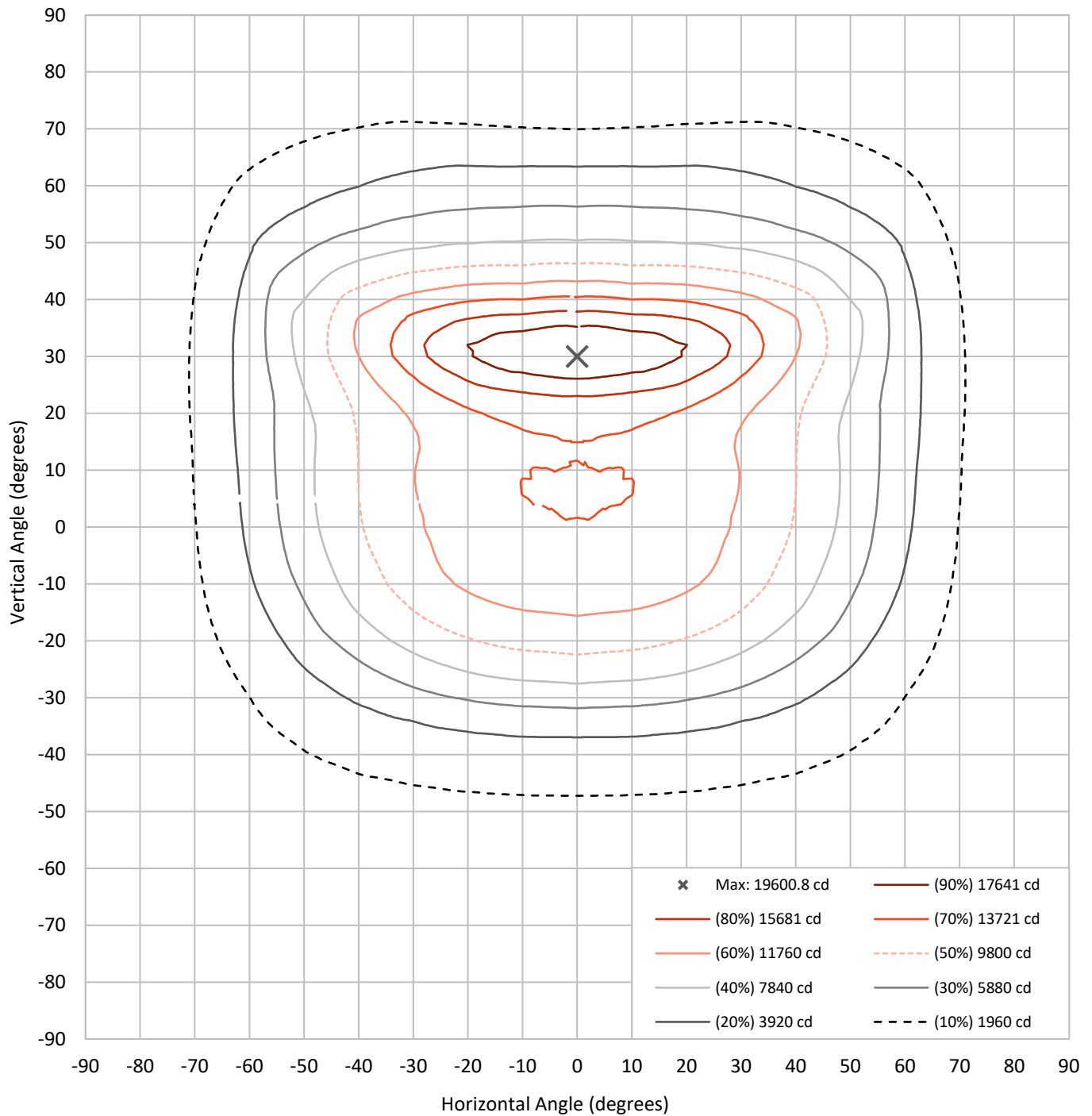
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	32718.7 lumens	Max Intensity:	19600.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	131.0 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	19026.3 lumens	Field Lumens:	30661.7 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 249.7
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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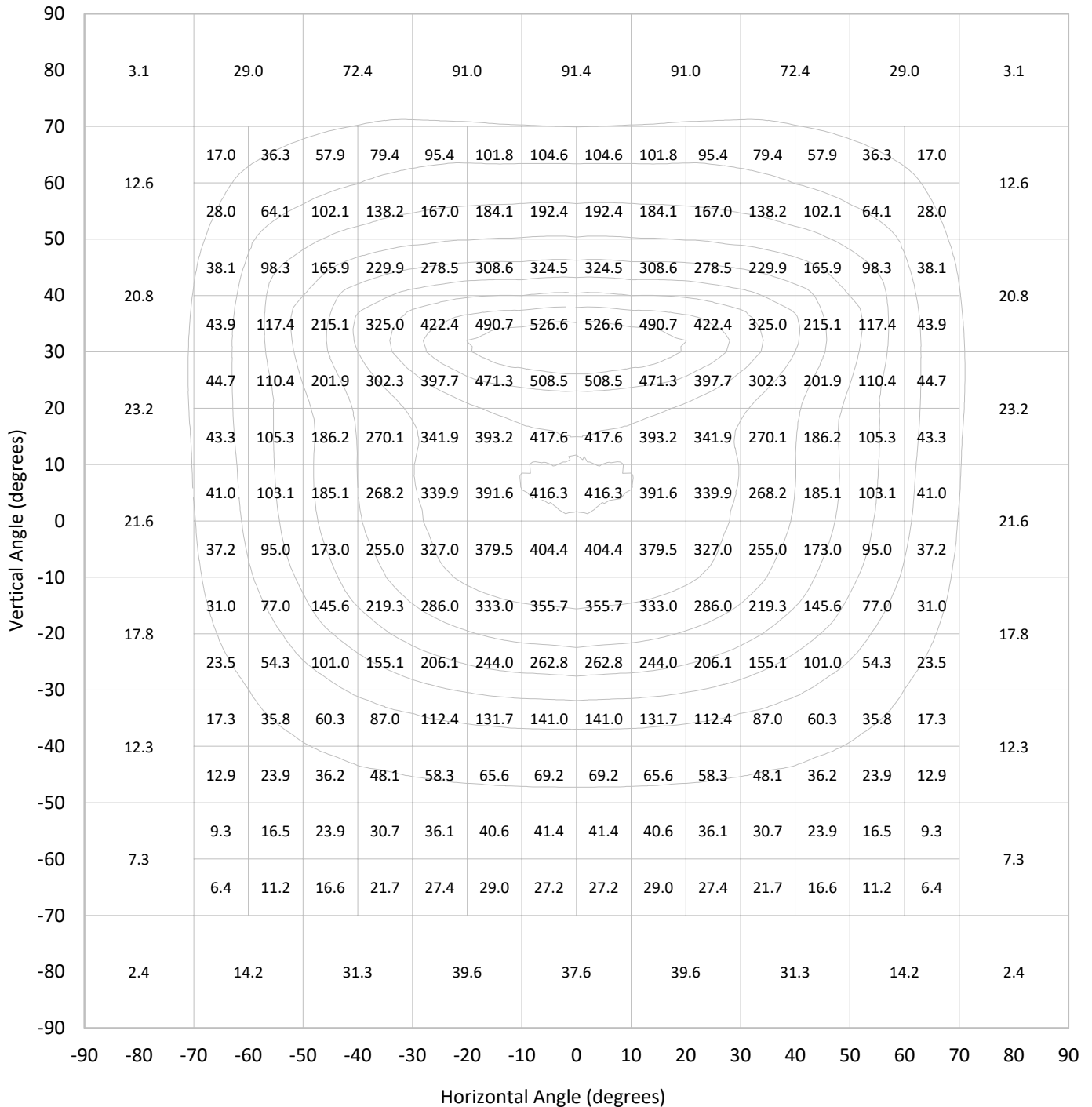
Iso-Candela Plot





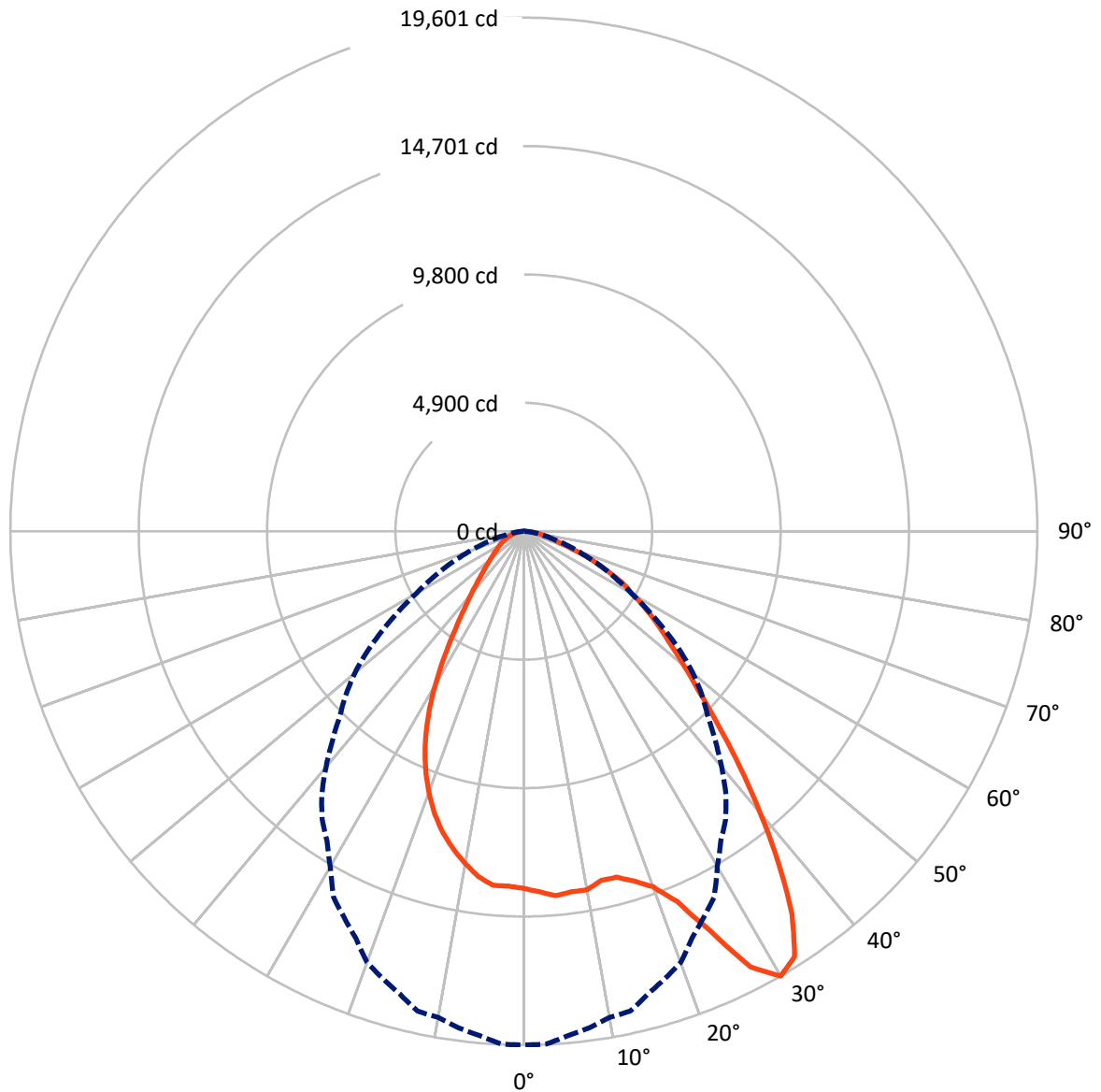
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Lumen Table



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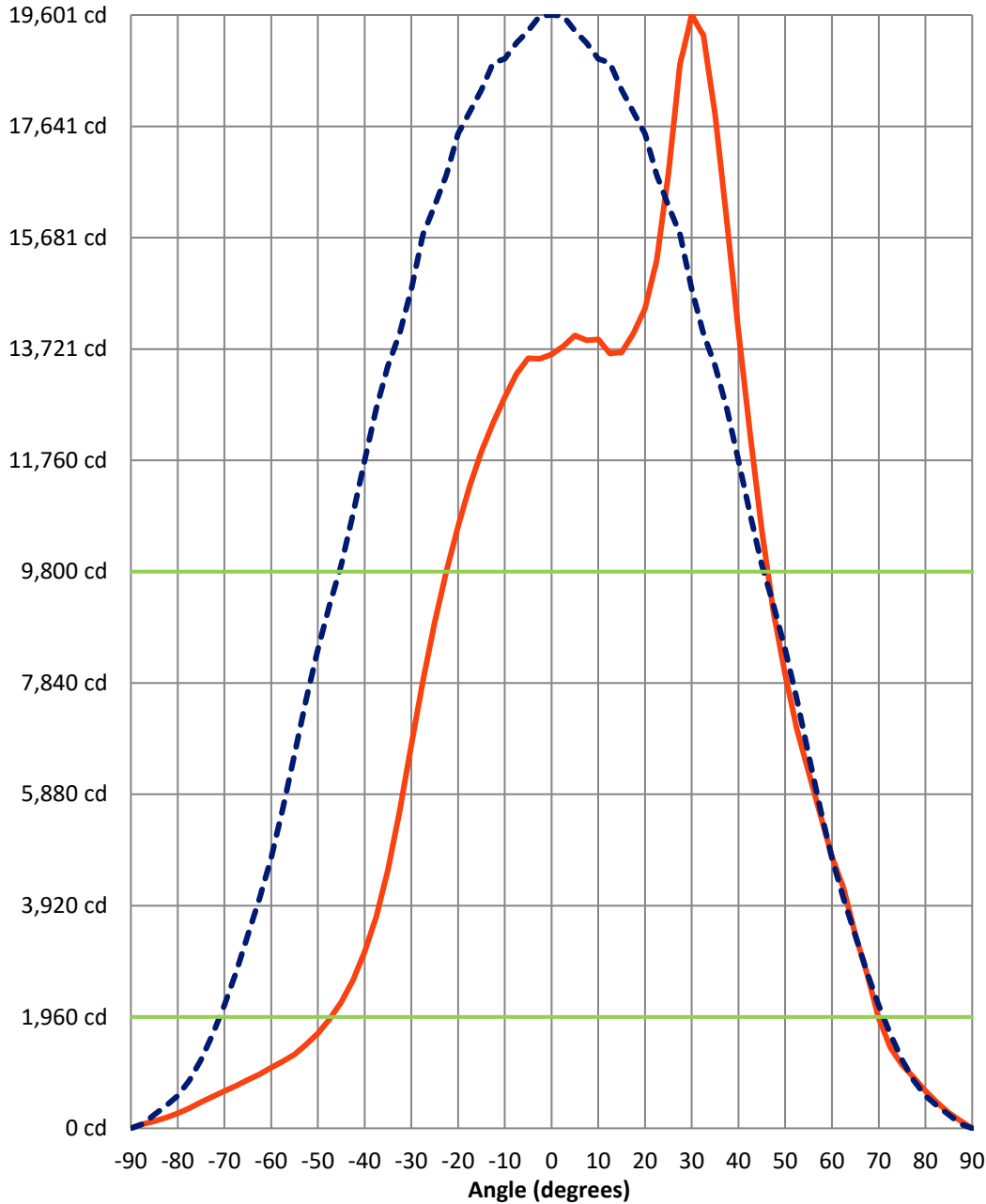
Luminous Intensity Polar Plot



— 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: 19026.3
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 30661.7
 Efficiency: 93.7%

Spill:
 Lumens: 2057.1
 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°	131.7	135.2	138.6	138.6	135.2	135.2	135.2	131.7	135.2	135.2	135.2
85°	273.8	280.8	287.7	284.2	280.8	273.8	266.9	270.4	273.8	277.3	277.3
82.5°	454.1	464.5	471.4	467.9	461.0	454.1	447.1	450.6	457.5	461.0	461.0
80°	658.6	662.0	665.5	672.4	662.0	662.0	658.6	672.4	679.4	686.3	693.2
77.5°	894.3	897.7	897.7	901.2	904.7	908.1	908.1	932.4	949.7	960.1	970.5
75°	1116.1	1126.5	1136.9	1147.3	1161.1	1168.1	1178.5	1213.1	1240.9	1261.7	1282.5
72.5°	1421.1	1435.0	1452.3	1476.6	1500.8	1518.2	1542.4	1584.0	1615.2	1636.0	1660.3
70°	1944.5	1958.4	1975.7	1993.0	2017.3	2034.6	2058.9	2110.9	2142.1	2155.9	2169.8
67.5°	2720.9	2755.6	2786.8	2752.1	2734.8	2710.5	2717.4	2766.0	2797.2	2817.9	2814.5
65°	3410.7	3434.9	3434.9	3431.4	3417.6	3386.4	3403.7	3462.6	3497.3	3514.6	3462.6
62.5°	4221.7	4221.7	4204.4	4232.1	4235.6	4214.8	4204.4	4207.9	4211.3	4221.7	4135.1
60°	4783.2	4817.9	4828.3	4852.6	4859.5	4859.5	4876.8	4890.7	4890.7	4869.9	4769.4
57.5°	5525.0	5590.8	5604.7	5587.4	5552.7	5507.6	5500.7	5479.9	5438.3	5396.7	5348.2
55°	6273.7	6308.3	6304.9	6294.5	6259.8	6207.8	6214.7	6187.0	6121.1	6069.2	6003.3
52.5°	7025.8	7109.0	7122.9	7102.1	7053.5	6998.1	7001.5	6970.3	6904.5	6849.0	6758.9
50°	7985.9	8055.2	8048.3	8013.6	7944.3	7902.7	7906.2	7847.3	7771.0	7753.7	7635.8
47.5°	9084.7	9164.4	9150.5	9102.0	9008.4	8991.1	9008.4	8932.2	8887.1	8849.0	8710.3
45°	10526.6	10620.2	10568.2	10474.6	10325.5	10342.9	10367.1	10353.3	10256.2	10155.7	9978.9
42.5°	12218.0	12277.0	12214.6	12121.0	11933.8	11968.5	11954.6	11871.4	11812.5	11646.1	11420.8
40°	14027.3	14155.6	14058.5	13913.0	13718.9	13770.9	13732.7	13625.3	13486.6	13278.7	12994.4
37.5°	15978.8	16079.3	15968.4	15798.5	15625.2	15607.9	15531.6	15365.3	15167.7	14938.9	14484.9
35°	17847.0	18107.0	17902.5	17632.1	17420.7	17340.9	17268.2	16883.4	16658.1	16287.2	15666.8
32.5°	19236.9	19427.5	19174.5	18893.8	18637.3	18526.4	18269.9	17812.3	17691.0	16911.1	16342.7
30°	19600.8	19587.0	19323.6	19108.7	18831.4	18755.1	18283.7	17895.5	17507.3	16786.4	16245.7
27.5°	18734.3	18647.7	18394.6	18207.5	17933.6	17843.5	17379.1	17171.1	16571.5	15961.4	15503.9
25°	16803.7	16848.8	16658.1	16564.5	16384.3	16190.2	16006.5	15725.7	15351.4	14817.6	14398.2
22.5°	15282.1	15341.0	15261.3	15150.4	15011.7	14904.3	14765.6	14547.3	14186.8	13857.5	13462.4
20°	14436.3	14419.0	14349.7	14266.5	14134.8	14058.5	13906.0	13722.3	13445.0	13160.8	12734.5
17.5°	13992.7	13885.2	13819.4	13788.2	13718.9	13621.8	13441.6	13254.4	13039.5	12717.2	12405.2
15°	13663.4	13680.7	13628.7	13604.5	13549.0	13413.8	13230.1	13077.6	12786.5	12623.6	12339.3
12.5°	13642.6	13625.3	13628.7	13618.3	13549.0	13375.7	13282.1	13088.0	12900.9	12686.0	12360.1
10°	13888.7	13705.0	13718.9	13767.4	13656.5	13517.8	13417.3	13205.9	13029.1	12755.3	12432.9
7.5°	13874.8	13781.3	13809.0	13729.3	13763.9	13594.1	13455.4	13244.0	13022.2	12731.0	12439.9
5°	13958.0	13815.9	13791.6	13798.6	13711.9	13583.7	13396.5	13195.5	12987.5	12661.7	12363.6
2.5°	13767.4	13788.2	13677.3	13635.7	13625.3	13410.4	13237.1	13043.0	12828.1	12540.4	12273.5
0°	13625.3	13663.4	13549.0	13490.1	13486.6	13302.9	13192.0	12970.2	12817.7	12578.5	12256.2
-2.5°	13549.0	13594.1	13607.9	13500.5	13396.5	13254.4	13067.2	12828.1	12578.5	12301.2	12023.9
-5°	13556.0	13465.8	13427.7	13462.4	13372.2	13230.1	13022.2	12810.7	12564.6	12266.6	11919.9
-7.5°	13282.1	13192.0	13185.1	13167.7	13147.0	13011.8	12838.5	12609.7	12360.1	12082.9	11760.5
-10°	12873.1	12807.3	12789.9	12772.6	12717.2	12637.4	12474.5	12266.6	12041.3	11764.0	11420.8
-12.5°	12419.1	12387.9	12322.0	12277.0	12221.5	12127.9	11971.9	11781.3	11556.0	11309.9	11015.3
-15°	11916.5	11857.6	11791.7	11753.6	11673.9	11562.9	11407.0	11230.2	10984.1	10741.5	10464.2
-17.5°	11309.9	11237.1	11164.3	11153.9	11098.5	10928.6	10783.1	10568.2	10353.3	10121.0	9850.7
-20°	10595.9	10495.4	10446.9	10419.1	10342.9	10218.1	10062.1	9864.5	9656.6	9434.7	9122.8



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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°	9805.6	9719.0	9635.8	9583.8	9517.9	9420.9	9271.8	9098.5	8894.0	8644.5	8356.8
-25°	8907.9	8786.6	8734.6	8675.7	8641.0	8550.9	8405.3	8245.9	8034.4	7791.8	7518.0
-27.5°	7881.9	7784.9	7757.2	7674.0	7632.4	7538.8	7417.5	7268.4	7074.3	6845.6	6620.3
-30°	6748.5	6689.6	6644.5	6561.3	6530.1	6429.6	6349.9	6225.1	6048.4	5885.5	5705.2
-32.5°	5583.9	5525.0	5511.1	5473.0	5452.2	5386.3	5296.2	5206.1	5064.0	4942.7	4797.1
-35°	4551.0	4509.4	4512.9	4509.4	4488.6	4440.1	4329.2	4304.9	4200.9	4090.0	3996.4
-37.5°	3726.1	3729.5	3726.1	3722.6	3694.9	3674.1	3594.4	3563.2	3500.8	3393.3	3337.9
-40°	3105.6	3112.6	3109.1	3102.2	3071.0	3060.6	3008.6	2967.0	2942.7	2866.5	2807.5
-42.5°	2603.0	2613.4	2610.0	2606.5	2585.7	2582.3	2554.5	2506.0	2492.1	2447.1	2384.7
-45°	2221.8	2218.3	2211.4	2218.3	2207.9	2197.5	2180.2	2149.0	2131.7	2110.9	2058.9
-47.5°	1920.2	1923.7	1916.8	1916.8	1902.9	1892.5	1885.6	1864.8	1850.9	1833.6	1802.4
-50°	1670.7	1684.5	1681.1	1677.6	1667.2	1660.3	1660.3	1639.5	1618.7	1611.7	1590.9
-52.5°	1476.6	1487.0	1490.4	1497.4	1500.8	1504.3	1493.9	1473.1	1438.4	1435.0	1424.6
-55°	1299.8	1331.0	1351.8	1365.6	1379.5	1389.9	1369.1	1341.4	1306.7	1292.9	1289.4
-57.5°	1178.5	1209.7	1233.9	1254.7	1272.1	1289.4	1268.6	1240.9	1209.7	1192.3	1188.9
-60°	1067.6	1095.3	1119.6	1147.3	1171.5	1199.3	1188.9	1168.1	1150.7	1136.9	1123.0
-62.5°	949.7	977.4	1005.2	1039.8	1071.0	1098.8	1102.2	1098.8	1095.3	1098.8	1074.5
-65°	852.7	866.5	883.9	922.0	956.6	987.8	1005.2	1015.6	1032.9	1050.2	1026.0
-67.5°	748.7	766.0	786.8	814.5	842.3	863.1	887.3	915.1	942.8	970.5	953.2
-70°	655.1	669.0	686.3	700.2	717.5	731.3	752.1	783.3	814.5	842.3	835.3
-72.5°	558.0	571.9	582.3	589.2	599.6	606.6	617.0	644.7	665.5	679.4	679.4
-75°	461.0	474.9	485.3	488.7	495.7	499.1	506.1	516.5	526.8	530.3	533.8
-77.5°	353.5	367.4	377.8	384.7	391.7	398.6	402.1	409.0	412.5	412.5	415.9
-80°	263.4	273.8	280.8	291.2	294.6	301.6	308.5	311.9	315.4	315.4	318.9
-82.5°	187.2	194.1	201.0	208.0	214.9	218.4	225.3	228.8	232.2	235.7	239.2
-85°	124.8	131.7	138.6	145.6	149.0	152.5	156.0	159.4	162.9	166.4	169.8
-87.5°	72.8	76.3	79.7	86.7	90.1	97.1	100.5	97.1	100.5	100.5	100.5
-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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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	131.7	124.8	121.3	114.4	107.4	100.5	93.6
85°	280.8	284.2	284.2	284.2	277.3	273.8	263.4	253.0	239.2	218.4	201.0
82.5°	467.9	471.4	471.4	467.9	461.0	450.6	436.7	419.4	391.7	363.9	339.7
80°	703.6	707.1	707.1	703.6	686.3	669.0	651.6	630.8	596.2	558.0	516.5
77.5°	984.4	991.3	991.3	980.9	956.6	935.8	908.1	873.5	821.5	766.0	710.6
75°	1310.2	1327.5	1331.0	1320.6	1289.4	1251.3	1206.2	1147.3	1067.6	998.2	932.4
72.5°	1688.0	1705.3	1719.2	1705.3	1660.3	1608.3	1542.4	1473.1	1393.4	1299.8	1188.9
70°	2183.6	2201.0	2211.4	2166.3	2086.6	1999.9	1920.2	1840.5	1746.9	1632.5	1511.2
67.5°	2807.5	2790.2	2769.4	2679.3	2578.8	2474.8	2363.9	2246.0	2124.7	2003.4	1861.3
65°	3407.2	3358.7	3313.6	3206.2	3077.9	2942.7	2814.5	2682.8	2537.2	2384.7	2249.5
62.5°	4038.0	3934.0	3823.1	3691.4	3559.7	3410.7	3282.4	3126.4	2963.5	2776.4	2603.0
60°	4658.5	4533.7	4422.8	4259.8	4086.5	3885.5	3746.9	3594.4	3403.7	3202.7	2998.2
57.5°	5258.1	5122.9	5001.6	4859.5	4672.3	4454.0	4301.4	4103.9	3902.8	3649.8	3441.8
55°	5895.9	5760.7	5663.6	5504.2	5299.7	5098.6	4932.3	4724.3	4443.6	4173.2	3916.7
52.5°	6627.2	6519.8	6415.8	6252.9	6006.8	5802.3	5618.6	5386.3	5091.7	4759.0	4450.5
50°	7445.2	7389.7	7278.8	7088.2	6807.4	6627.2	6384.6	6076.1	5760.7	5410.6	5025.9
47.5°	8530.1	8440.0	8284.0	8076.0	7840.3	7570.0	7244.2	6883.7	6436.6	6048.4	5639.4
45°	9826.4	9660.0	9459.0	9178.3	8887.1	8582.1	8225.1	7767.6	7167.9	6661.9	6232.1
42.5°	11230.2	11004.9	10731.1	10363.7	9985.9	9611.5	9226.8	8602.9	7854.2	7271.9	6786.6
40°	12696.4	12408.7	12065.5	11531.7	11112.3	10630.6	10190.4	9258.0	8460.8	7829.9	7313.5
37.5°	14131.3	13767.4	13192.0	12543.8	12055.1	11660.0	10692.9	9694.7	8980.7	8287.5	7764.1
35°	15230.1	14921.6	13906.0	13233.6	12814.2	12190.3	10980.6	9958.1	9202.5	8627.1	7812.6
32.5°	15881.7	15084.5	14193.7	13514.4	13167.7	12145.2	11001.4	10034.4	9306.5	8661.8	7687.8
30°	15736.1	14772.6	13992.7	13424.2	12672.1	11753.6	10807.3	9916.5	9209.5	8429.6	7549.2
27.5°	14859.2	14114.0	13417.3	12824.6	12086.3	11261.4	10387.9	9604.6	8946.0	8190.4	7358.5
25°	13867.9	13192.0	12675.6	12159.1	11459.0	10672.2	9902.7	9337.7	8675.7	7930.5	7109.0
22.5°	12956.3	12471.1	12065.5	11524.8	10842.0	10155.7	9677.4	9091.6	8412.2	7656.6	6852.5
20°	12374.0	12044.7	11580.3	10984.1	10446.9	10017.1	9486.7	8866.3	8166.2	7375.9	6634.1
17.5°	12093.3	11712.0	11195.5	10807.3	10394.9	9923.5	9330.8	8672.2	7927.0	7247.6	6658.4
15°	11947.7	11545.6	11205.9	10824.7	10360.2	9864.5	9206.0	8523.2	7927.0	7299.6	6675.7
12.5°	11978.9	11632.3	11261.4	10845.5	10346.3	9816.0	9219.9	8585.6	7968.6	7337.8	6679.2
10°	12075.9	11712.0	11316.8	10855.9	10353.3	9829.9	9258.0	8623.7	7989.4	7355.1	6672.3
7.5°	12110.6	11715.4	11292.6	10828.1	10335.9	9823.0	9264.9	8634.1	7992.8	7351.6	6651.5
5°	12003.1	11646.1	11237.1	10769.2	10287.4	9788.3	9237.2	8620.2	7965.1	7317.0	6599.5
2.5°	11857.6	11569.9	11178.2	10727.6	10238.9	9739.8	9192.1	8557.8	7902.7	7254.6	6533.6
0°	11833.3	11476.3	11081.2	10679.1	10159.2	9632.3	9088.1	8440.0	7788.3	7136.7	6419.2
-2.5°	11673.9	11296.0	10900.9	10464.2	10006.7	9476.3	8904.4	8270.1	7625.4	6984.2	6294.5
-5°	11552.5	11133.1	10713.7	10242.4	9781.4	9251.0	8658.3	8041.4	7410.5	6786.6	6121.1
-7.5°	11389.6	10959.8	10519.6	10027.5	9528.3	8987.6	8401.8	7784.9	7164.4	6544.0	5906.3
-10°	11060.4	10682.5	10270.1	9760.6	9233.7	8693.0	8110.7	7504.1	6883.7	6256.3	5615.1
-12.5°	10661.8	10263.1	9812.6	9344.6	8873.2	8370.7	7788.3	7192.2	6568.3	5937.4	5299.7
-15°	10145.3	9753.6	9292.6	8835.1	8381.1	7899.3	7386.3	6849.0	6214.7	5594.3	4956.5
-17.5°	9500.6	9133.2	8720.7	8284.0	7833.4	7348.2	6849.0	6395.0	5802.3	5220.0	4589.1
-20°	8807.4	8464.2	8093.4	7680.9	7230.3	6755.4	6284.1	5809.2	5296.2	4783.2	4197.5



REPORT NUMBER: P722151
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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	8086.4	7739.8	7365.5	6980.7	6564.8	6124.6	5687.9	5233.8	4783.2	4318.8	3823.1
-25°	7254.6	6949.5	6606.4	6232.1	5861.2	5476.5	5060.5	4648.1	4263.3	3861.2	3455.7
-27.5°	6384.6	6103.8	5791.9	5466.1	5147.2	4824.8	4464.3	4083.1	3764.2	3431.4	3095.2
-30°	5469.5	5244.2	4991.2	4707.0	4460.9	4200.9	3899.4	3584.0	3292.8	3039.8	2769.4
-32.5°	4603.0	4412.4	4232.1	4044.9	3802.3	3601.3	3393.3	3161.1	2904.6	2665.4	2471.3
-35°	3857.8	3653.3	3577.0	3438.4	3265.1	3088.3	2935.8	2769.4	2575.3	2363.9	2204.4
-37.5°	3230.4	3109.1	3001.7	2925.4	2811.0	2668.9	2547.6	2426.3	2277.2	2117.8	1958.4
-40°	2741.7	2658.5	2540.7	2502.5	2429.7	2332.7	2207.9	2114.3	2013.8	1892.5	1757.3
-42.5°	2350.0	2287.6	2211.4	2145.5	2114.3	2045.0	1948.0	1857.8	1778.1	1694.9	1590.9
-45°	2027.7	1986.1	1937.6	1878.6	1854.4	1798.9	1729.6	1629.1	1584.0	1514.7	1438.4
-47.5°	1767.7	1746.9	1712.3	1674.1	1639.5	1597.9	1535.5	1473.1	1410.7	1365.6	1306.7
-50°	1563.2	1549.4	1528.6	1497.4	1452.3	1424.6	1383.0	1327.5	1268.6	1230.5	1188.9
-52.5°	1400.3	1386.4	1372.6	1348.3	1313.7	1285.9	1251.3	1206.2	1157.7	1119.6	1084.9
-55°	1275.5	1254.7	1244.3	1223.5	1195.8	1164.6	1133.4	1102.2	1060.6	1026.0	991.3
-57.5°	1178.5	1150.7	1136.9	1119.6	1091.8	1060.6	1036.4	1005.2	977.4	939.3	908.1
-60°	1102.2	1071.0	1043.3	1026.0	1001.7	970.5	946.2	922.0	894.3	863.1	824.9
-62.5°	1039.8	1001.7	963.6	942.8	918.5	890.8	866.5	842.3	814.5	783.3	748.7
-65°	980.9	935.8	887.3	866.5	842.3	814.5	783.3	766.0	741.7	714.0	679.4
-67.5°	908.1	859.6	818.0	793.7	769.5	745.2	717.5	700.2	675.9	641.2	606.6
-70°	800.7	769.5	741.7	721.0	700.2	679.4	651.6	623.9	596.2	565.0	533.8
-72.5°	665.5	655.1	651.6	641.2	617.0	592.7	565.0	537.2	513.0	488.7	464.5
-75°	537.2	544.2	551.1	547.6	523.4	499.1	474.9	450.6	433.3	412.5	391.7
-77.5°	426.3	433.3	440.2	440.2	422.9	409.0	391.7	374.3	360.5	343.1	322.3
-80°	329.3	339.7	350.1	357.0	343.1	332.7	318.9	305.0	291.2	277.3	263.4
-82.5°	249.6	260.0	270.4	277.3	266.9	260.0	249.6	239.2	228.8	214.9	204.5
-85°	180.2	187.2	194.1	197.6	190.6	183.7	176.8	169.8	162.9	152.5	145.6
-87.5°	104.0	107.4	110.9	114.4	107.4	100.5	97.1	90.1	86.7	79.7	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



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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	79.7	72.8	69.3	62.4	52.0	45.1	38.1	31.2	24.3	20.8
85°	183.7	166.4	145.6	135.2	121.3	107.4	93.6	79.7	65.9	52.0	38.1
82.5°	315.4	294.6	273.8	249.6	218.4	180.2	142.1	117.8	97.1	76.3	58.9
80°	474.9	436.7	402.1	370.9	336.2	287.7	235.7	187.2	131.7	100.5	76.3
77.5°	658.6	613.5	565.0	513.0	457.5	391.7	332.7	270.4	204.5	138.6	97.1
75°	866.5	807.6	741.7	669.0	596.2	509.5	426.3	353.5	277.3	194.1	117.8
72.5°	1098.8	1026.0	946.2	849.2	734.8	634.3	533.8	436.7	346.6	246.1	159.4
70°	1396.8	1282.5	1164.6	1060.6	915.1	755.6	637.8	526.8	412.5	301.6	201.0
67.5°	1715.7	1577.1	1435.0	1282.5	1098.8	911.6	741.7	617.0	481.8	353.5	239.2
65°	2062.3	1889.0	1708.8	1539.0	1285.9	1064.1	873.5	703.6	547.6	402.1	277.3
62.5°	2419.3	2214.8	2006.9	1785.0	1493.9	1220.1	998.2	800.7	610.0	447.1	311.9
60°	2800.6	2561.5	2308.4	2031.1	1691.5	1389.9	1116.1	901.2	675.9	492.2	350.1
57.5°	3202.7	2942.7	2644.6	2270.3	1896.0	1552.8	1251.3	991.3	734.8	533.8	377.8
55°	3639.4	3341.3	3015.5	2519.9	2097.0	1715.7	1386.4	1081.4	797.2	568.4	405.5
52.5°	4110.8	3764.2	3351.7	2783.3	2308.4	1882.1	1511.2	1161.1	856.1	606.6	429.8
50°	4637.7	4200.9	3646.3	3025.9	2492.1	2038.1	1636.0	1247.8	904.7	648.2	450.6
47.5°	5185.3	4713.9	3909.8	3251.2	2679.3	2190.6	1764.2	1324.1	953.2	682.8	471.4
45°	5757.2	5070.9	4183.6	3452.2	2842.2	2329.2	1861.3	1393.4	1012.1	714.0	488.7
42.5°	6322.2	5341.3	4422.8	3653.3	2994.7	2454.0	1941.0	1459.2	1060.6	745.2	506.1
40°	6589.1	5545.8	4613.4	3791.9	3123.0	2564.9	2010.3	1518.2	1102.2	766.0	523.4
37.5°	6700.0	5670.6	4738.2	3923.6	3223.5	2623.8	2069.3	1570.1	1136.9	786.8	537.2
35°	6724.3	5715.6	4800.6	4013.8	3306.7	2679.3	2114.3	1608.3	1164.6	807.6	551.1
32.5°	6679.2	5701.7	4817.9	4044.9	3358.7	2720.9	2145.5	1636.0	1185.4	828.4	565.0
30°	6578.7	5629.0	4755.5	4041.5	3396.8	2745.2	2166.3	1656.8	1206.2	842.3	571.9
27.5°	6415.8	5500.7	4675.8	4044.9	3417.6	2755.6	2176.7	1667.2	1220.1	852.7	585.8
25°	6214.7	5327.4	4679.2	4038.0	3421.0	2759.0	2176.7	1667.2	1223.5	856.1	596.2
22.5°	5982.5	5327.4	4679.2	4027.6	3400.3	2752.1	2166.3	1660.3	1223.5	863.1	606.6
20°	5996.4	5330.9	4668.8	4006.8	3369.1	2731.3	2142.1	1642.9	1213.1	873.5	613.5
17.5°	6006.8	5323.9	4648.1	3979.1	3327.5	2696.6	2110.9	1618.7	1213.1	883.9	617.0
15°	6006.8	5303.1	4616.9	3937.5	3275.5	2648.1	2065.8	1597.9	1216.6	887.3	623.9
12.5°	5996.4	5265.0	4568.3	3882.0	3213.1	2589.2	2038.1	1590.9	1216.6	890.8	623.9
10°	5975.6	5213.0	4505.9	3812.7	3154.2	2568.4	2024.2	1577.1	1209.7	890.8	623.9
7.5°	5937.4	5150.6	4454.0	3771.1	3119.5	2544.1	2003.4	1556.3	1199.3	883.9	630.8
5°	5878.5	5116.0	4412.4	3722.6	3071.0	2526.8	1989.5	1539.0	1192.3	883.9	623.9
2.5°	5802.3	5074.4	4363.8	3660.2	3015.5	2467.9	1944.5	1500.8	1168.1	870.0	617.0
0°	5677.5	4991.2	4280.6	3573.6	2939.3	2408.9	1899.4	1462.7	1143.8	856.1	610.0
-2.5°	5563.1	4880.3	4173.2	3483.4	2866.5	2357.0	1864.8	1441.9	1133.4	852.7	606.6
-5°	5403.7	4727.8	4031.1	3365.6	2769.4	2305.0	1830.1	1417.6	1123.0	845.7	606.6
-7.5°	5226.9	4568.3	3882.0	3244.3	2672.4	2214.8	1764.2	1379.5	1098.8	831.9	603.1
-10°	4953.1	4329.2	3694.9	3105.6	2568.4	2135.1	1708.8	1344.9	1078.0	818.0	589.2
-12.5°	4661.9	4065.7	3480.0	2935.8	2450.5	2051.9	1646.4	1306.7	1053.7	804.1	582.3
-15°	4353.4	3795.4	3254.7	2759.0	2322.3	1951.4	1580.5	1265.1	1029.4	786.8	571.9
-17.5°	4031.1	3511.2	3022.4	2578.8	2194.0	1847.4	1511.2	1227.0	1001.7	769.5	561.5
-20°	3691.4	3220.0	2786.8	2395.1	2058.9	1743.5	1438.4	1181.9	970.5	748.7	547.6



REPORT NUMBER: P722151
 CATALOG NUMBER: IFLD-M-SA4D-760-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3355.2	2932.3	2544.1	2214.8	1920.2	1636.0	1365.6	1136.9	935.8	724.4	537.2
-25°	3057.1	2662.0	2329.2	2041.5	1785.0	1532.0	1289.4	1091.8	897.7	700.2	523.4
-27.5°	2766.0	2429.7	2117.8	1878.6	1653.3	1431.5	1216.6	1043.3	859.6	672.4	509.5
-30°	2495.6	2207.9	1951.4	1719.2	1528.6	1341.4	1154.2	994.8	818.0	644.7	492.2
-32.5°	2249.5	2017.3	1802.4	1580.5	1410.7	1251.3	1095.3	946.2	776.4	617.0	474.9
-35°	2020.7	1840.5	1653.3	1466.2	1292.9	1168.1	1032.9	894.3	738.3	585.8	457.5
-37.5°	1816.2	1670.7	1521.6	1362.2	1213.1	1088.4	974.0	842.3	700.2	558.0	440.2
-40°	1639.5	1521.6	1389.9	1261.7	1136.9	1019.0	915.1	790.3	662.0	537.2	422.9
-42.5°	1476.6	1386.4	1279.0	1171.5	1060.6	956.6	856.1	734.8	623.9	513.0	405.5
-45°	1351.8	1261.7	1175.0	1078.0	984.4	894.3	793.7	686.3	589.2	485.3	388.2
-47.5°	1233.9	1154.2	1074.5	994.8	918.5	835.3	734.8	644.7	551.1	461.0	374.3
-50°	1130.0	1053.7	984.4	915.1	849.2	769.5	675.9	603.1	519.9	436.7	357.0
-52.5°	1032.9	967.0	897.7	842.3	786.8	707.1	630.8	561.5	488.7	409.0	339.7
-55°	946.2	883.9	821.5	769.5	717.5	648.2	585.8	526.8	457.5	388.2	322.3
-57.5°	863.1	811.1	752.1	703.6	651.6	596.2	544.2	488.7	426.3	367.4	305.0
-60°	786.8	738.3	686.3	637.8	592.7	547.6	499.1	454.1	398.6	343.1	287.7
-62.5°	710.6	669.0	623.9	575.4	540.7	499.1	461.0	415.9	370.9	322.3	256.5
-65°	641.2	603.1	561.5	519.9	488.7	457.5	422.9	381.3	343.1	298.1	228.8
-67.5°	571.9	537.2	502.6	467.9	440.2	415.9	381.3	350.1	318.9	270.4	201.0
-70°	506.1	478.3	447.1	419.4	398.6	370.9	346.6	318.9	291.2	235.7	169.8
-72.5°	443.7	415.9	391.7	370.9	353.5	329.3	308.5	287.7	249.6	197.6	142.1
-75°	370.9	353.5	339.7	322.3	305.0	287.7	270.4	246.1	208.0	159.4	110.9
-77.5°	305.0	294.6	284.2	270.4	256.5	242.6	221.8	197.6	166.4	124.8	90.1
-80°	249.6	239.2	232.2	218.4	208.0	194.1	173.3	152.5	121.3	97.1	72.8
-82.5°	190.6	183.7	176.8	169.8	159.4	145.6	124.8	107.4	90.1	72.8	55.5
-85°	135.2	131.7	124.8	117.8	107.4	97.1	83.2	72.8	62.4	48.5	38.1
-87.5°	69.3	65.9	62.4	58.9	55.5	48.5	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



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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°	69.3	41.6	20.8	0.0
75°	83.2	52.0	24.3	0.0
72.5°	93.6	58.9	27.7	0.0
70°	110.9	69.3	31.2	0.0
67.5°	138.6	76.3	34.7	0.0
65°	162.9	83.2	38.1	0.0
62.5°	190.6	90.1	41.6	0.0
60°	214.9	97.1	45.1	0.0
57.5°	239.2	114.4	48.5	0.0
55°	260.0	128.2	52.0	0.0
52.5°	284.2	142.1	55.5	0.0
50°	305.0	156.0	58.9	0.0
47.5°	322.3	169.8	58.9	0.0
45°	336.2	180.2	62.4	0.0
42.5°	346.6	190.6	65.9	0.0
40°	357.0	201.0	69.3	0.0
37.5°	367.4	211.4	69.3	0.0
35°	377.8	221.8	72.8	0.0
32.5°	388.2	232.2	72.8	0.0
30°	395.1	239.2	76.3	0.0
27.5°	405.5	246.1	76.3	0.0
25°	409.0	253.0	79.7	0.0
22.5°	415.9	256.5	79.7	0.0
20°	422.9	263.4	79.7	0.0
17.5°	426.3	266.9	83.2	0.0
15°	426.3	270.4	86.7	0.0
12.5°	429.8	273.8	86.7	0.0
10°	429.8	280.8	83.2	0.0
7.5°	436.7	277.3	83.2	0.0
5°	433.3	277.3	83.2	0.0
2.5°	429.8	273.8	83.2	0.0
0°	426.3	273.8	83.2	0.0
-2.5°	426.3	273.8	83.2	0.0
-5°	426.3	273.8	83.2	0.0
-7.5°	422.9	277.3	83.2	0.0
-10°	415.9	277.3	83.2	0.0
-12.5°	412.5	266.9	83.2	0.0
-15°	409.0	263.4	83.2	0.0
-17.5°	402.1	260.0	79.7	0.0
-20°	395.1	256.5	79.7	0.0



REPORT NUMBER: P722151
 CATALOG NUMBER: IFLD-M-SA4D-760-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	388.2	249.6	79.7	0.0
-25°	381.3	242.6	76.3	0.0
-27.5°	374.3	235.7	76.3	0.0
-30°	363.9	228.8	72.8	0.0
-32.5°	353.5	221.8	72.8	0.0
-35°	346.6	211.4	69.3	0.0
-37.5°	336.2	201.0	69.3	0.0
-40°	325.8	190.6	65.9	0.0
-42.5°	315.4	180.2	62.4	0.0
-45°	301.6	169.8	62.4	0.0
-47.5°	291.2	159.4	58.9	0.0
-50°	273.8	145.6	55.5	0.0
-52.5°	253.0	131.7	52.0	0.0
-55°	232.2	121.3	48.5	0.0
-57.5°	211.4	107.4	48.5	0.0
-60°	190.6	93.6	45.1	0.0
-62.5°	169.8	86.7	41.6	0.0
-65°	149.0	79.7	38.1	0.0
-67.5°	124.8	69.3	34.7	0.0
-70°	104.0	62.4	31.2	0.0
-72.5°	90.1	55.5	27.7	0.0
-75°	76.3	48.5	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)