

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: P722071

Luminaire Tested: **IFLD-L-SA8A-735-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722071
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8A-735-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (128) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

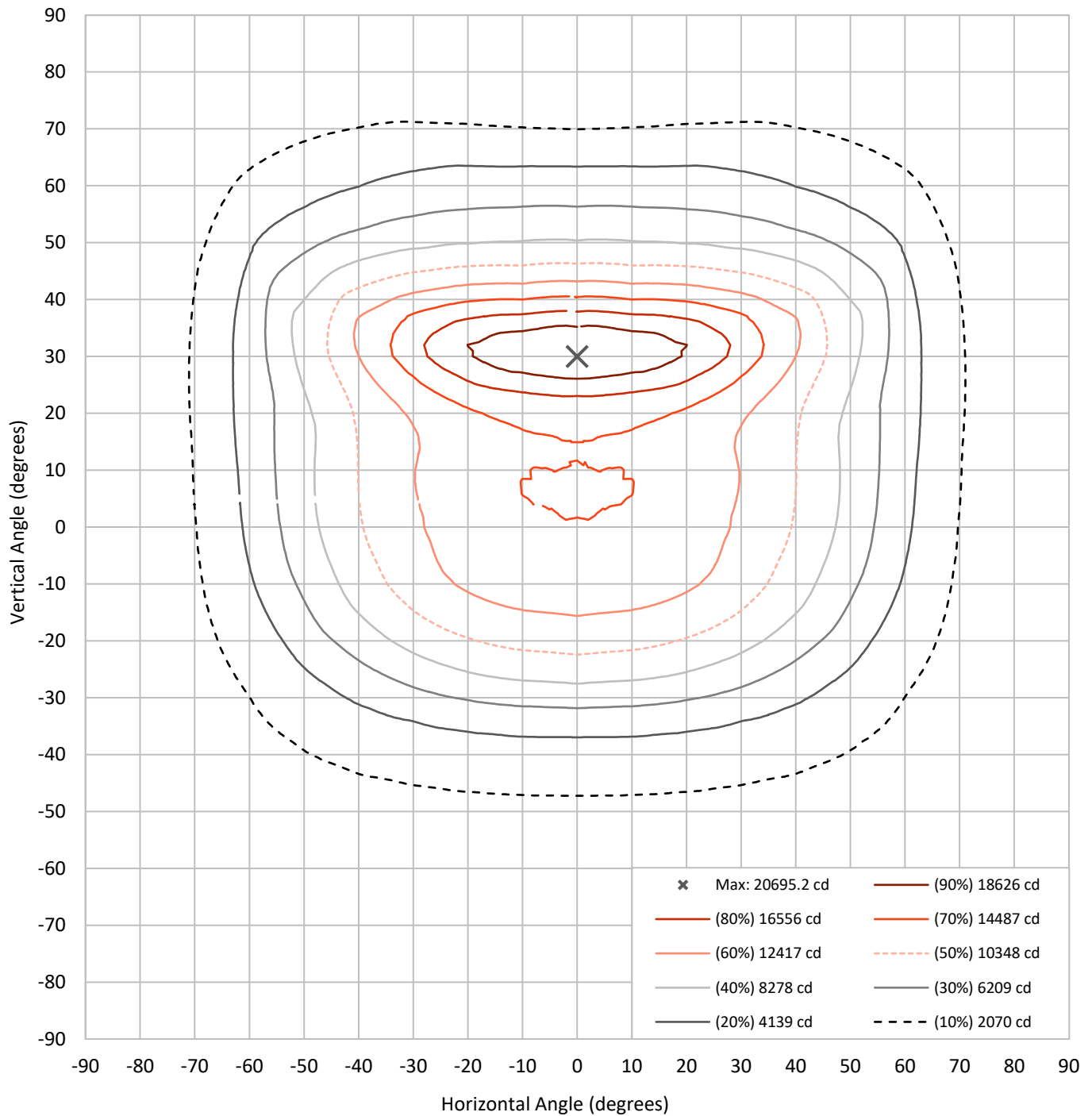
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	34545.4 lumens	Max Intensity:	20695.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	139.4 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	20088.6 lumens	Field Lumens:	32373.5 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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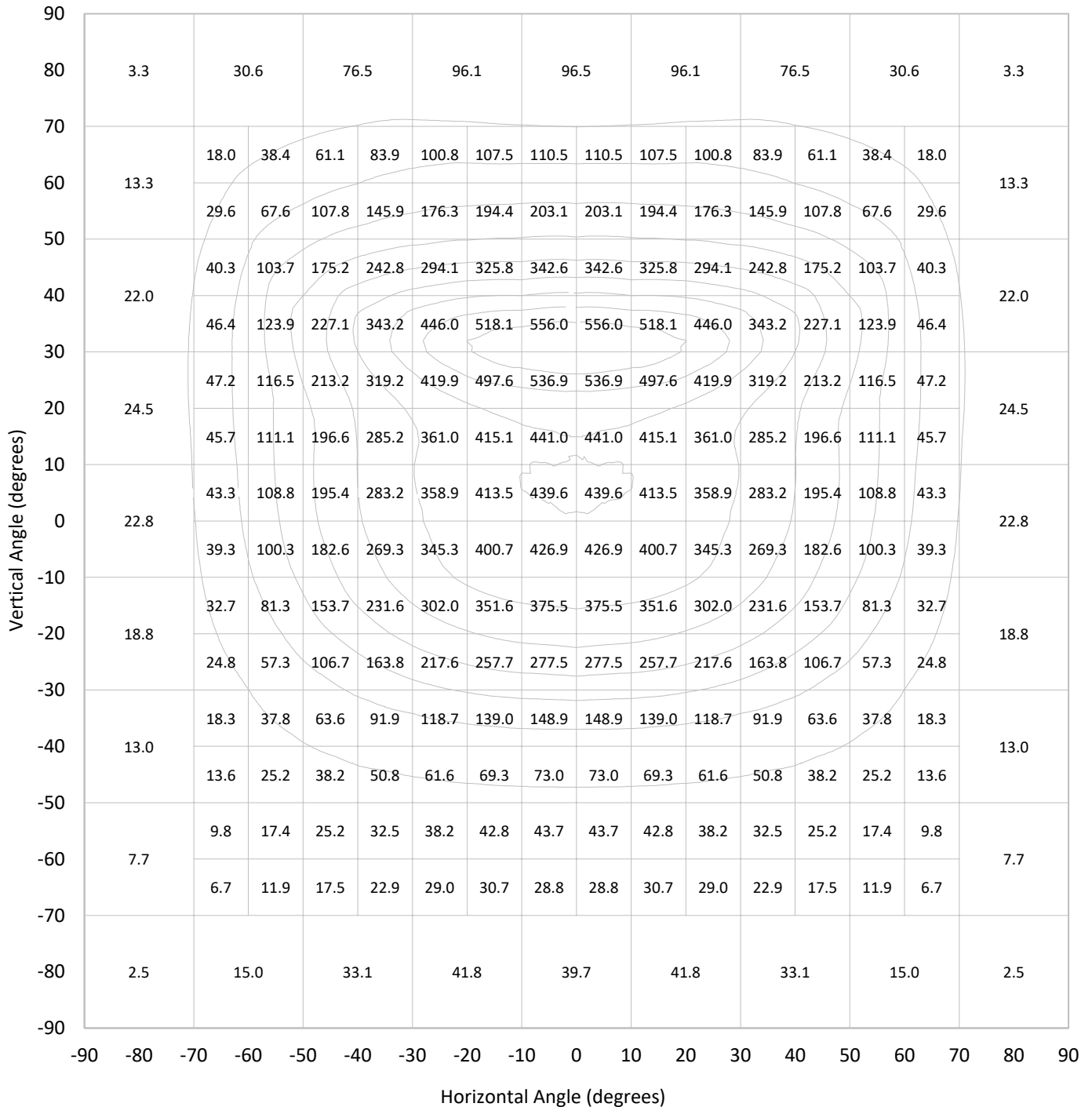
Iso-Candela Plot





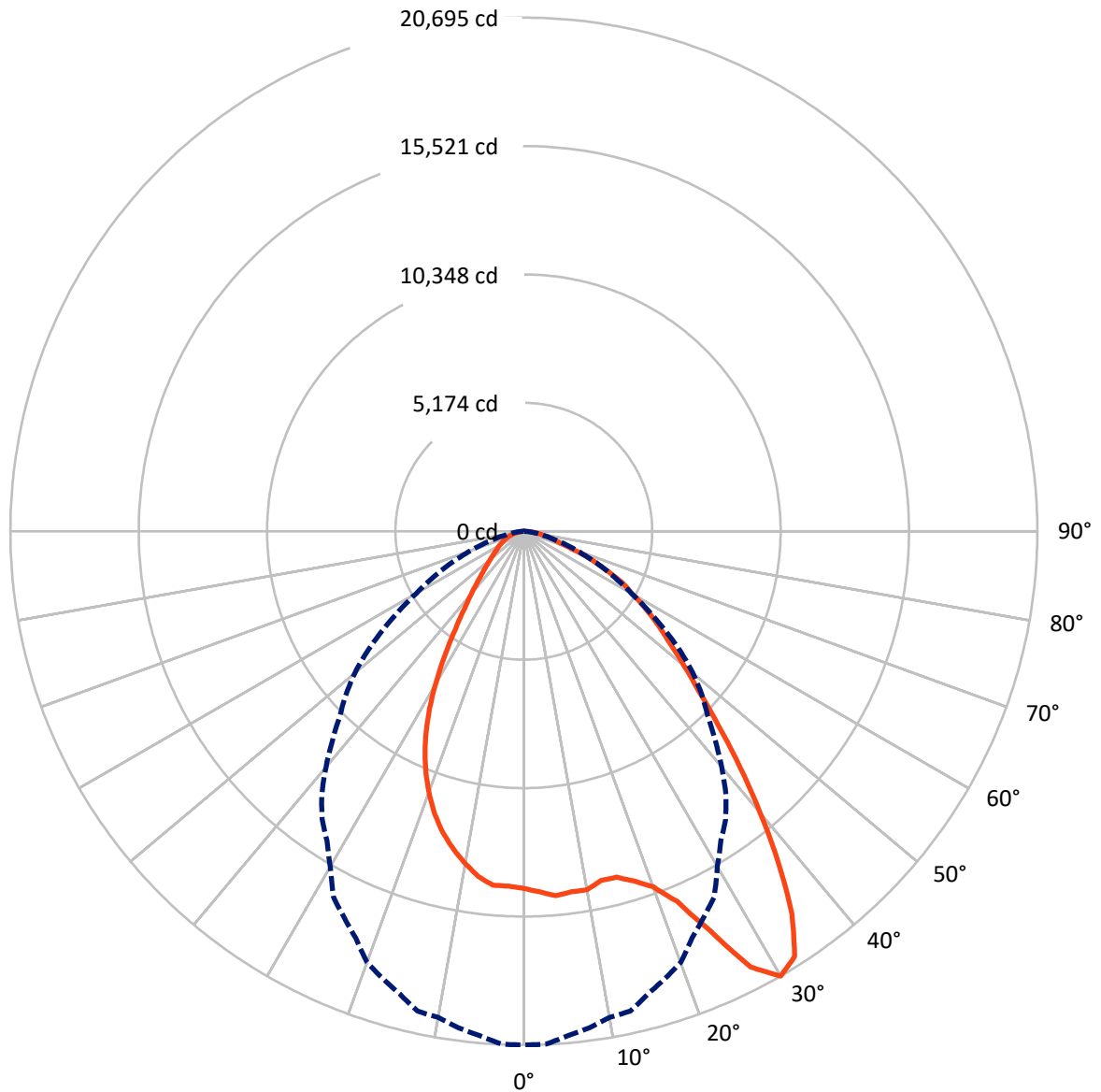
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Lumen Table



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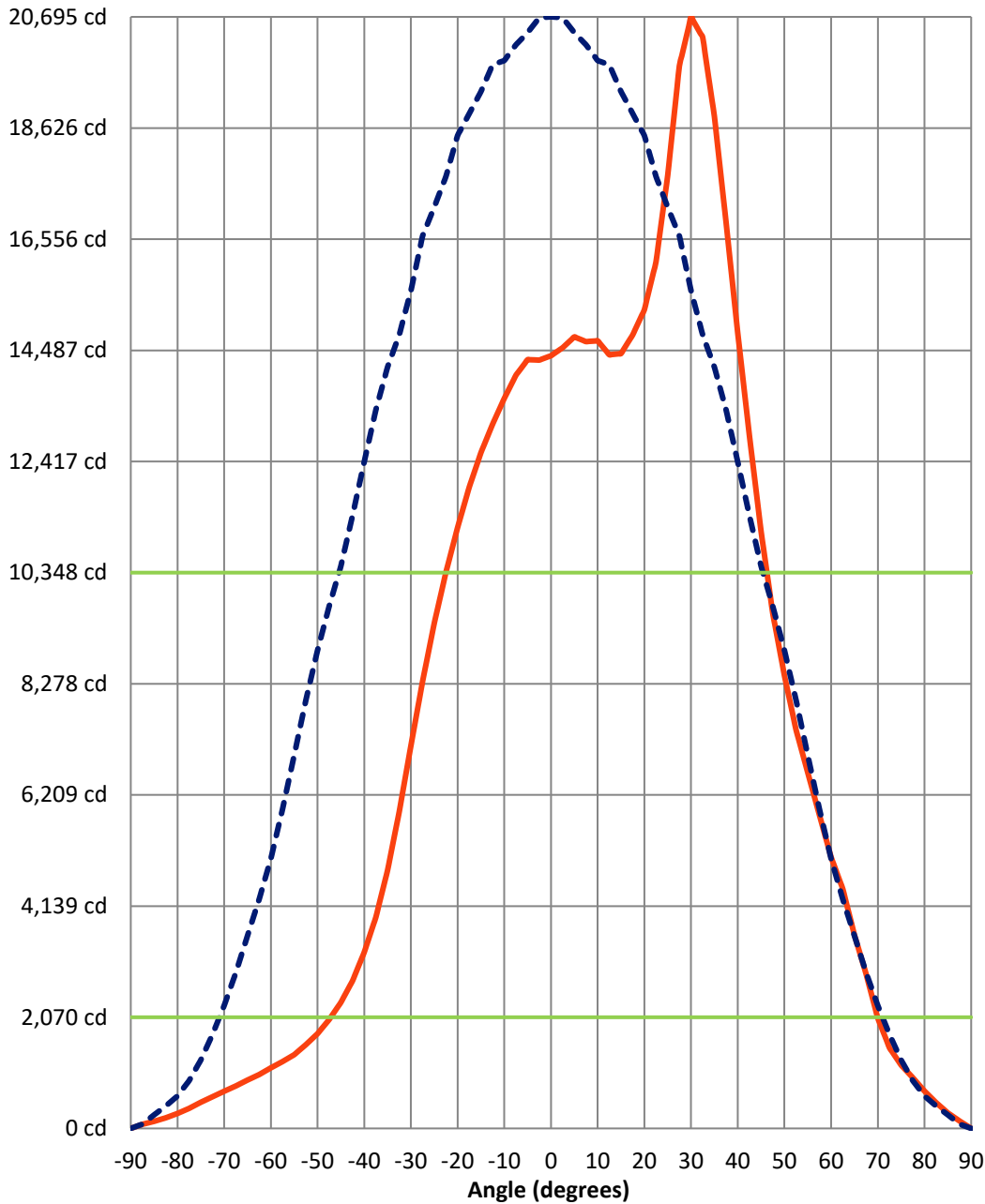
Luminous Intensity Polar Plot



— 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: 20088.6
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 32373.5
 Efficiency: 93.7%

Spill:
 Lumens: 2171.9
 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°	139.1	142.7	146.4	146.4	142.7	142.7	142.7	139.1	142.7	142.7	142.7
85°	289.1	296.4	303.7	300.1	296.4	289.1	281.8	285.5	289.1	292.8	292.8
82.5°	479.4	490.4	497.7	494.0	486.7	479.4	472.1	475.8	483.1	486.7	486.7
80°	695.3	699.0	702.6	710.0	699.0	699.0	695.3	710.0	717.3	724.6	731.9
77.5°	944.2	947.8	947.8	951.5	955.2	958.8	958.8	984.4	1002.7	1013.7	1024.7
75°	1178.4	1189.4	1200.4	1211.3	1226.0	1233.3	1244.3	1280.9	1310.1	1332.1	1354.1
72.5°	1500.4	1515.1	1533.4	1559.0	1584.6	1602.9	1628.5	1672.4	1705.4	1727.3	1753.0
70°	2053.0	2067.7	2086.0	2104.3	2129.9	2148.2	2173.8	2228.7	2261.6	2276.3	2290.9
67.5°	2872.8	2909.4	2942.3	2905.7	2887.4	2861.8	2869.1	2920.4	2953.3	2975.3	2971.6
65°	3601.1	3626.7	3626.7	3623.0	3608.4	3575.5	3593.8	3656.0	3692.6	3710.9	3656.0
62.5°	4457.4	4457.4	4439.1	4468.4	4472.1	4450.1	4439.1	4442.8	4446.4	4457.4	4365.9
60°	5050.3	5086.9	5097.9	5123.5	5130.8	5130.8	5149.1	5163.7	5163.7	5141.8	5035.6
57.5°	5833.4	5903.0	5917.6	5899.3	5862.7	5815.1	5807.8	5785.9	5742.0	5698.0	5646.8
55°	6623.9	6660.5	6656.9	6645.9	6609.3	6554.4	6561.7	6532.4	6462.9	6408.0	6338.5
52.5°	7418.1	7505.9	7520.5	7498.6	7447.3	7388.8	7392.4	7359.5	7290.0	7231.4	7136.3
50°	8431.8	8505.0	8497.6	8461.1	8387.9	8343.9	8347.6	8285.4	8204.9	8186.6	8062.2
47.5°	9591.9	9676.0	9661.4	9610.2	9511.4	9493.1	9511.4	9430.9	9383.3	9343.0	9196.6
45°	11114.3	11213.1	11158.2	11059.4	10902.0	10920.3	10945.9	10931.3	10828.8	10722.7	10536.1
42.5°	12900.2	12962.4	12896.5	12797.7	12600.1	12636.7	12622.0	12534.2	12472.0	12296.3	12058.5
40°	14810.5	14945.9	14843.4	14689.7	14484.8	14539.7	14499.4	14386.0	14239.6	14020.0	13719.9
37.5°	16870.9	16977.0	16859.9	16680.6	16497.6	16479.3	16398.8	16223.1	16014.5	15773.0	15293.6
35°	18843.4	19117.9	18902.0	18616.5	18393.3	18309.1	18232.2	17826.0	17588.2	17196.6	16541.5
32.5°	20310.9	20512.2	20245.0	19948.6	19677.8	19560.7	19289.9	18806.8	18678.7	17855.3	17255.1
30°	20695.2	20680.5	20402.4	20175.5	19882.7	19802.2	19304.5	18894.6	18484.8	17723.6	17152.7
27.5°	19780.3	19688.8	19421.6	19224.0	18934.9	18839.7	18349.4	18129.8	17496.7	16852.6	16369.5
25°	17741.9	17789.4	17588.2	17489.3	17299.0	17094.1	16900.1	16603.7	16208.5	15644.9	15202.1
22.5°	16135.3	16197.5	16113.3	15996.2	15849.8	15736.4	15590.0	15359.4	14978.8	14631.2	14214.0
20°	15242.3	15224.0	15150.8	15063.0	14923.9	14843.4	14682.4	14488.5	14195.7	13895.6	13445.5
17.5°	14773.9	14660.5	14590.9	14558.0	14484.8	14382.3	14192.0	13994.4	13767.5	13427.2	13097.8
15°	14426.2	14444.5	14389.6	14364.0	14305.5	14162.7	13968.8	13807.8	13500.4	13328.4	13028.3
12.5°	14404.3	14386.0	14389.6	14378.7	14305.5	14122.5	14023.7	13818.7	13621.1	13394.2	13050.2
10°	14664.1	14470.2	14484.8	14536.0	14418.9	14272.5	14166.4	13943.2	13756.5	13467.4	13127.1
7.5°	14649.5	14550.7	14579.9	14495.8	14532.4	14353.0	14206.7	13983.4	13749.2	13441.8	13134.4
5°	14737.3	14587.3	14561.6	14569.0	14477.5	14342.1	14144.4	13932.2	13712.6	13368.6	13053.9
2.5°	14536.0	14558.0	14440.9	14397.0	14386.0	14159.1	13976.1	13771.2	13544.3	13240.5	12958.7
0°	14386.0	14426.2	14305.5	14243.3	14239.6	14045.6	13928.5	13694.3	13533.3	13280.8	12940.4
-2.5°	14305.5	14353.0	14367.7	14254.2	14144.4	13994.4	13796.8	13544.3	13280.8	12988.0	12695.2
-5°	14312.8	14217.6	14177.4	14214.0	14118.8	13968.8	13749.2	13526.0	13266.1	12951.4	12585.4
-7.5°	14023.7	13928.5	13921.2	13902.9	13881.0	13738.2	13555.2	13313.7	13050.2	12757.4	12417.1
-10°	13591.8	13522.3	13504.0	13485.7	13427.2	13343.0	13171.0	12951.4	12713.5	12420.8	12058.5
-12.5°	13112.4	13079.5	13010.0	12962.4	12903.8	12805.0	12640.3	12439.1	12201.2	11941.4	11630.3
-15°	12581.8	12519.6	12450.0	12409.8	12325.6	12208.5	12043.8	11857.2	11597.3	11341.2	11048.4
-17.5°	11941.4	11864.5	11787.6	11776.7	11718.1	11538.8	11385.1	11158.2	10931.3	10686.1	10400.7
-20°	11187.5	11081.3	11030.1	11000.8	10920.3	10788.6	10623.9	10415.3	10195.7	9961.5	9632.1



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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°	10353.1	10261.6	10173.8	10118.9	10049.3	9946.9	9789.5	9606.5	9390.6	9127.1	8823.4
-25°	9405.2	9277.1	9222.3	9160.0	9123.4	9028.3	8874.6	8706.2	8483.0	8226.8	7937.7
-27.5°	8322.0	8219.5	8190.2	8102.4	8058.5	7959.7	7831.6	7674.2	7469.3	7227.8	6989.9
-30°	7125.3	7063.1	7015.5	6927.7	6894.7	6788.6	6704.4	6572.7	6386.0	6214.0	6023.7
-32.5°	5895.7	5833.4	5818.8	5778.5	5756.6	5687.1	5591.9	5496.8	5346.7	5218.6	5064.9
-35°	4805.1	4761.2	4764.8	4761.2	4739.2	4688.0	4570.9	4545.3	4435.5	4318.4	4219.5
-37.5°	3934.1	3937.8	3934.1	3930.4	3901.2	3879.2	3795.0	3762.1	3696.2	3582.8	3524.2
-40°	3279.0	3286.3	3282.7	3275.4	3242.4	3231.4	3176.6	3132.6	3107.0	3026.5	2964.3
-42.5°	2748.4	2759.4	2755.7	2752.0	2730.1	2726.4	2697.1	2645.9	2631.3	2583.7	2517.8
-45°	2345.8	2342.2	2334.8	2342.2	2331.2	2320.2	2301.9	2269.0	2250.7	2228.7	2173.8
-47.5°	2027.4	2031.1	2023.8	2023.8	2009.1	1998.2	1990.8	1968.9	1954.2	1935.9	1903.0
-50°	1763.9	1778.6	1774.9	1771.3	1760.3	1753.0	1753.0	1731.0	1709.0	1701.7	1679.8
-52.5°	1559.0	1570.0	1573.6	1581.0	1584.6	1588.3	1577.3	1555.3	1518.7	1515.1	1504.1
-55°	1372.4	1405.3	1427.3	1441.9	1456.5	1467.5	1445.6	1416.3	1379.7	1365.0	1361.4
-57.5°	1244.3	1277.2	1302.8	1324.8	1343.1	1361.4	1339.4	1310.1	1277.2	1258.9	1255.3
-60°	1127.2	1156.4	1182.1	1211.3	1237.0	1266.2	1255.3	1233.3	1215.0	1200.4	1185.7
-62.5°	1002.7	1032.0	1061.3	1097.9	1130.8	1160.1	1163.8	1160.1	1156.4	1160.1	1134.5
-65°	900.3	914.9	933.2	973.5	1010.1	1043.0	1061.3	1072.3	1090.6	1108.9	1083.2
-67.5°	790.5	808.8	830.7	860.0	889.3	911.2	936.9	966.1	995.4	1024.7	1006.4
-70°	691.7	706.3	724.6	739.2	757.5	772.2	794.1	827.1	860.0	889.3	882.0
-72.5°	589.2	603.8	614.8	622.1	633.1	640.4	651.4	680.7	702.6	717.3	717.3
-75°	486.7	501.4	512.3	516.0	523.3	527.0	534.3	545.3	556.3	559.9	563.6
-77.5°	373.3	387.9	398.9	406.2	413.5	420.9	424.5	431.8	435.5	435.5	439.2
-80°	278.1	289.1	296.4	307.4	311.1	318.4	325.7	329.4	333.0	333.0	336.7
-82.5°	197.6	204.9	212.3	219.6	226.9	230.6	237.9	241.5	245.2	248.9	252.5
-85°	131.7	139.1	146.4	153.7	157.4	161.0	164.7	168.3	172.0	175.7	179.3
-87.5°	76.9	80.5	84.2	91.5	95.2	102.5	106.1	102.5	106.1	106.1	106.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	142.7	142.7	142.7	142.7	139.1	131.7	128.1	120.8	113.4	106.1	98.8
85°	296.4	300.1	300.1	300.1	292.8	289.1	278.1	267.2	252.5	230.6	212.3
82.5°	494.0	497.7	497.7	494.0	486.7	475.8	461.1	442.8	413.5	384.3	358.6
80°	742.9	746.6	746.6	742.9	724.6	706.3	688.0	666.1	629.5	589.2	545.3
77.5°	1039.3	1046.7	1046.7	1035.7	1010.1	988.1	958.8	922.2	867.3	808.8	750.2
75°	1383.3	1401.6	1405.3	1394.3	1361.4	1321.1	1273.5	1211.3	1127.2	1054.0	984.4
72.5°	1782.2	1800.5	1815.2	1800.5	1753.0	1698.1	1628.5	1555.3	1471.2	1372.4	1255.3
70°	2305.6	2323.9	2334.8	2287.3	2203.1	2111.6	2027.4	1943.3	1844.5	1723.7	1595.6
67.5°	2964.3	2946.0	2924.0	2828.9	2722.8	2613.0	2495.9	2371.4	2243.3	2115.3	1965.2
65°	3597.4	3546.2	3498.6	3385.2	3249.7	3107.0	2971.6	2832.5	2678.8	2517.8	2375.1
62.5°	4263.5	4153.7	4036.6	3897.5	3758.4	3601.1	3465.7	3301.0	3129.0	2931.4	2748.4
60°	4918.5	4786.8	4669.7	4497.7	4314.7	4102.4	3956.1	3795.0	3593.8	3381.5	3165.6
57.5°	5551.6	5408.9	5280.8	5130.8	4933.2	4702.6	4541.6	4333.0	4120.7	3853.6	3634.0
55°	6225.0	6082.3	5979.8	5811.5	5595.6	5383.3	5207.6	4988.1	4691.6	4406.2	4135.4
52.5°	6997.2	6883.8	6774.0	6602.0	6342.1	6126.2	5932.3	5687.1	5376.0	5024.7	4699.0
50°	7860.9	7802.3	7685.2	7483.9	7187.5	6997.2	6741.0	6415.3	6082.3	5712.7	5306.5
47.5°	9006.3	8911.2	8746.5	8526.9	8278.1	7992.6	7648.6	7268.0	6795.9	6386.0	5954.2
45°	10375.0	10199.4	9987.1	9690.7	9383.3	9061.2	8684.3	8201.2	7568.1	7033.8	6580.0
42.5°	11857.2	11619.3	11330.2	10942.3	10543.4	10148.1	9741.9	9083.2	8292.7	7677.9	7165.5
40°	13405.2	13101.5	12739.2	12175.6	11732.8	11224.1	10759.3	9774.9	8933.1	8267.1	7721.8
37.5°	14920.3	14536.0	13928.5	13244.2	12728.2	12311.0	11289.9	10236.0	9482.1	8750.2	8197.6
35°	16080.4	15754.7	14682.4	13972.4	13529.6	12870.9	11593.7	10514.1	9716.3	9108.8	8248.8
32.5°	16768.4	15926.7	14986.2	14268.9	13902.9	12823.3	11615.6	10594.6	9826.1	9145.4	8117.0
30°	16614.7	15597.3	14773.9	14173.7	13379.6	12409.8	11410.7	10470.2	9723.6	8900.2	7970.7
27.5°	15688.8	14902.0	14166.4	13540.6	12761.1	11890.1	10967.9	10140.8	9445.5	8647.7	7769.4
25°	14642.2	13928.5	13383.2	12838.0	12098.7	11268.0	10455.5	9859.0	9160.0	8373.2	7505.9
22.5°	13679.7	13167.3	12739.2	12168.3	11447.3	10722.7	10217.7	9599.2	8881.9	8084.1	7235.1
20°	13064.9	12717.2	12226.8	11597.3	11030.1	10576.3	10016.4	9361.3	8622.1	7787.7	7004.5
17.5°	12768.4	12365.9	11820.6	11410.7	10975.2	10477.5	9851.7	9156.4	8369.6	7652.3	7030.1
15°	12614.7	12190.2	11831.6	11429.0	10938.6	10415.3	9720.0	8999.0	8369.6	7707.2	7048.4
12.5°	12647.7	12281.7	11890.1	11451.0	10924.0	10364.1	9734.6	9064.9	8413.5	7747.4	7052.1
10°	12750.1	12365.9	11948.7	11461.9	10931.3	10378.7	9774.9	9105.1	8435.4	7765.7	7044.8
7.5°	12786.7	12369.5	11923.1	11432.7	10913.0	10371.4	9782.2	9116.1	8439.1	7762.1	7022.8
5°	12673.3	12296.3	11864.5	11370.5	10861.8	10334.8	9752.9	9101.5	8409.8	7725.5	6967.9
2.5°	12519.6	12215.8	11802.3	11326.5	10810.5	10283.5	9705.3	9035.6	8343.9	7659.6	6898.4
0°	12494.0	12117.0	11699.8	11275.3	10726.4	10170.1	9595.5	8911.2	8223.2	7535.2	6777.6
-2.5°	12325.6	11926.7	11509.5	11048.4	10565.3	10005.4	9401.6	8731.9	8051.2	7374.1	6645.9
-5°	12197.5	11754.7	11311.9	10814.2	10327.5	9767.5	9141.7	8490.3	7824.3	7165.5	6462.9
-7.5°	12025.5	11571.7	11107.0	10587.3	10060.3	9489.4	8870.9	8219.5	7564.4	6909.4	6236.0
-10°	11677.9	11279.0	10843.5	10305.5	9749.2	9178.3	8563.5	7923.1	7268.0	6605.6	5928.6
-12.5°	11257.0	10836.1	10360.4	9866.3	9368.6	8838.0	8223.2	7593.7	6935.0	6268.9	5595.6
-15°	10711.7	10298.2	9811.5	9328.4	8849.0	8340.3	7798.7	7231.4	6561.7	5906.6	5233.3
-17.5°	10031.0	9643.1	9207.6	8746.5	8270.8	7758.4	7231.4	6752.0	6126.2	5511.4	4845.3
-20°	9299.1	8936.8	8545.2	8109.7	7634.0	7132.6	6634.9	6133.5	5591.9	5050.3	4431.8



REPORT NUMBER: P722071
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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°	8537.9	8171.9	7776.7	7370.5	6931.3	6466.6	6005.4	5526.0	5050.3	4559.9	4036.6
-25°	7659.6	7337.5	6975.2	6580.0	6188.4	5782.2	5343.1	4907.6	4501.3	4076.8	3648.6
-27.5°	6741.0	6444.6	6115.2	5771.2	5434.5	5094.2	4713.6	4311.0	3974.4	3623.0	3268.0
-30°	5774.9	5537.0	5269.9	4969.8	4709.9	4435.5	4117.1	3784.1	3476.6	3209.5	2924.0
-32.5°	4860.0	4658.7	4468.4	4270.8	4014.6	3802.3	3582.8	3337.6	3066.8	2814.3	2609.3
-35°	4073.2	3857.2	3776.7	3630.3	3447.4	3260.7	3099.7	2924.0	2719.1	2495.9	2327.5
-37.5°	3410.8	3282.7	3169.2	3088.7	2968.0	2817.9	2689.8	2561.7	2404.4	2236.0	2067.7
-40°	2894.8	2806.9	2682.5	2642.2	2565.4	2462.9	2331.2	2232.4	2126.2	1998.2	1855.4
-42.5°	2481.2	2415.4	2334.8	2265.3	2232.4	2159.2	2056.7	1961.6	1877.4	1789.6	1679.8
-45°	2140.9	2097.0	2045.7	1983.5	1957.9	1899.3	1826.2	1720.0	1672.4	1599.3	1518.7
-47.5°	1866.4	1844.5	1807.9	1767.6	1731.0	1687.1	1621.2	1555.3	1489.5	1441.9	1379.7
-50°	1650.5	1635.9	1613.9	1581.0	1533.4	1504.1	1460.2	1401.6	1339.4	1299.2	1255.3
-52.5°	1478.5	1463.8	1449.2	1423.6	1387.0	1357.7	1321.1	1273.5	1222.3	1182.1	1145.5
-55°	1346.7	1324.8	1313.8	1291.8	1262.6	1229.6	1196.7	1163.8	1119.8	1083.2	1046.7
-57.5°	1244.3	1215.0	1200.4	1182.1	1152.8	1119.8	1094.2	1061.3	1032.0	991.8	958.8
-60°	1163.8	1130.8	1101.5	1083.2	1057.6	1024.7	999.1	973.5	944.2	911.2	871.0
-62.5°	1097.9	1057.6	1017.4	995.4	969.8	940.5	914.9	889.3	860.0	827.1	790.5
-65°	1035.7	988.1	936.9	914.9	889.3	860.0	827.1	808.8	783.2	753.9	717.3
-67.5°	958.8	907.6	863.7	838.1	812.4	786.8	757.5	739.2	713.6	677.0	640.4
-70°	845.4	812.4	783.2	761.2	739.2	717.3	688.0	658.7	629.5	596.5	563.6
-72.5°	702.6	691.7	688.0	677.0	651.4	625.8	596.5	567.2	541.6	516.0	490.4
-75°	567.2	574.6	581.9	578.2	552.6	527.0	501.4	475.8	457.5	435.5	413.5
-77.5°	450.1	457.5	464.8	464.8	446.5	431.8	413.5	395.2	380.6	362.3	340.3
-80°	347.7	358.6	369.6	376.9	362.3	351.3	336.7	322.0	307.4	292.8	278.1
-82.5°	263.5	274.5	285.5	292.8	281.8	274.5	263.5	252.5	241.5	226.9	215.9
-85°	190.3	197.6	204.9	208.6	201.3	194.0	186.6	179.3	172.0	161.0	153.7
-87.5°	109.8	113.4	117.1	120.8	113.4	106.1	102.5	95.2	91.5	84.2	80.5
-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):

	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°	91.5	84.2	76.9	73.2	65.9	54.9	47.6	40.3	32.9	25.6	22.0
85°	194.0	175.7	153.7	142.7	128.1	113.4	98.8	84.2	69.5	54.9	40.3
82.5°	333.0	311.1	289.1	263.5	230.6	190.3	150.0	124.4	102.5	80.5	62.2
80°	501.4	461.1	424.5	391.6	355.0	303.7	248.9	197.6	139.1	106.1	80.5
77.5°	695.3	647.8	596.5	541.6	483.1	413.5	351.3	285.5	215.9	146.4	102.5
75°	914.9	852.7	783.2	706.3	629.5	538.0	450.1	373.3	292.8	204.9	124.4
72.5°	1160.1	1083.2	999.1	896.6	775.8	669.7	563.6	461.1	366.0	259.8	168.3
70°	1474.8	1354.1	1229.6	1119.8	966.1	797.8	673.4	556.3	435.5	318.4	212.3
67.5°	1811.5	1665.1	1515.1	1354.1	1160.1	962.5	783.2	651.4	508.7	373.3	252.5
65°	2177.5	1994.5	1804.2	1624.9	1357.7	1123.5	922.2	742.9	578.2	424.5	292.8
62.5°	2554.4	2338.5	2118.9	1884.7	1577.3	1288.2	1054.0	845.4	644.1	472.1	329.4
60°	2957.0	2704.5	2437.3	2144.5	1785.9	1467.5	1178.4	951.5	713.6	519.7	369.6
57.5°	3381.5	3107.0	2792.3	2397.1	2001.8	1639.5	1321.1	1046.7	775.8	563.6	398.9
55°	3842.6	3527.9	3183.9	2660.5	2214.1	1811.5	1463.8	1141.8	841.7	600.2	428.2
52.5°	4340.3	3974.4	3538.9	2938.7	2437.3	1987.2	1595.6	1226.0	903.9	640.4	453.8
50°	4896.6	4435.5	3849.9	3194.9	2631.3	2151.9	1727.3	1317.5	955.2	684.3	475.8
47.5°	5474.8	4977.1	4128.1	3432.7	2828.9	2312.9	1862.7	1398.0	1006.4	720.9	497.7
45°	6078.6	5354.0	4417.2	3645.0	3000.9	2459.3	1965.2	1471.2	1068.6	753.9	516.0
42.5°	6675.2	5639.5	4669.7	3857.2	3161.9	2591.0	2049.4	1540.7	1119.8	786.8	534.3
40°	6956.9	5855.4	4871.0	4003.6	3297.3	2708.1	2122.6	1602.9	1163.8	808.8	552.6
37.5°	7074.1	5987.1	5002.7	4142.7	3403.5	2770.3	2184.8	1657.8	1200.4	830.7	567.2
35°	7099.7	6034.7	5068.6	4237.8	3491.3	2828.9	2232.4	1698.1	1229.6	852.7	581.9
32.5°	7052.1	6020.1	5086.9	4270.8	3546.2	2872.8	2265.3	1727.3	1251.6	874.7	596.5
30°	6946.0	5943.2	5021.0	4267.1	3586.4	2898.4	2287.3	1749.3	1273.5	889.3	603.8
27.5°	6774.0	5807.8	4936.8	4270.8	3608.4	2909.4	2298.2	1760.3	1288.2	900.3	618.5
25°	6561.7	5624.8	4940.5	4263.5	3612.0	2913.1	2298.2	1760.3	1291.8	903.9	629.5
22.5°	6316.5	5624.8	4940.5	4252.5	3590.1	2905.7	2287.3	1753.0	1291.8	911.2	640.4
20°	6331.1	5628.5	4929.5	4230.5	3557.2	2883.8	2261.6	1734.7	1280.9	922.2	647.8
17.5°	6342.1	5621.2	4907.6	4201.2	3513.2	2847.2	2228.7	1709.0	1280.9	933.2	651.4
15°	6342.1	5599.2	4874.6	4157.3	3458.3	2796.0	2181.1	1687.1	1284.5	936.9	658.7
12.5°	6331.1	5559.0	4823.4	4098.8	3392.5	2733.7	2151.9	1679.8	1284.5	940.5	658.7
10°	6309.2	5504.1	4757.5	4025.6	3330.3	2711.8	2137.2	1665.1	1277.2	940.5	658.7
7.5°	6268.9	5438.2	4702.6	3981.7	3293.7	2686.2	2115.3	1643.2	1266.2	933.2	666.1
5°	6206.7	5401.6	4658.7	3930.4	3242.4	2667.9	2100.6	1624.9	1258.9	933.2	658.7
2.5°	6126.2	5357.7	4607.5	3864.6	3183.9	2605.7	2053.0	1584.6	1233.3	918.6	651.4
0°	5994.5	5269.9	4519.6	3773.1	3103.4	2543.4	2005.5	1544.4	1207.7	903.9	644.1
-2.5°	5873.7	5152.8	4406.2	3677.9	3026.5	2488.5	1968.9	1522.4	1196.7	900.3	640.4
-5°	5705.4	4991.7	4256.1	3553.5	2924.0	2433.7	1932.3	1496.8	1185.7	892.9	640.4
-7.5°	5518.7	4823.4	4098.8	3425.4	2821.6	2338.5	1862.7	1456.5	1160.1	878.3	636.8
-10°	5229.6	4570.9	3901.2	3279.0	2711.8	2254.3	1804.2	1419.9	1138.1	863.7	622.1
-12.5°	4922.2	4292.7	3674.3	3099.7	2587.4	2166.5	1738.3	1379.7	1112.5	849.0	614.8
-15°	4596.5	4007.3	3436.4	2913.1	2451.9	2060.4	1668.8	1335.8	1086.9	830.7	603.8
-17.5°	4256.1	3707.2	3191.2	2722.8	2316.5	1950.6	1595.6	1295.5	1057.6	812.4	592.9
-20°	3897.5	3399.8	2942.3	2528.8	2173.8	1840.8	1518.7	1247.9	1024.7	790.5	578.2



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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3542.5	3096.0	2686.2	2338.5	2027.4	1727.3	1441.9	1200.4	988.1	764.9	567.2
-25°	3227.8	2810.6	2459.3	2155.5	1884.7	1617.6	1361.4	1152.8	947.8	739.2	552.6
-27.5°	2920.4	2565.4	2236.0	1983.5	1745.6	1511.4	1284.5	1101.5	907.6	710.0	538.0
-30°	2634.9	2331.2	2060.4	1815.2	1613.9	1416.3	1218.7	1050.3	863.7	680.7	519.7
-32.5°	2375.1	2129.9	1903.0	1668.8	1489.5	1321.1	1156.4	999.1	819.8	651.4	501.4
-35°	2133.6	1943.3	1745.6	1548.0	1365.0	1233.3	1090.6	944.2	779.5	618.5	483.1
-37.5°	1917.6	1763.9	1606.6	1438.2	1280.9	1149.1	1028.4	889.3	739.2	589.2	464.8
-40°	1731.0	1606.6	1467.5	1332.1	1200.4	1075.9	966.1	834.4	699.0	567.2	446.5
-42.5°	1559.0	1463.8	1350.4	1237.0	1119.8	1010.1	903.9	775.8	658.7	541.6	428.2
-45°	1427.3	1332.1	1240.6	1138.1	1039.3	944.2	838.1	724.6	622.1	512.3	409.9
-47.5°	1302.8	1218.7	1134.5	1050.3	969.8	882.0	775.8	680.7	581.9	486.7	395.2
-50°	1193.0	1112.5	1039.3	966.1	896.6	812.4	713.6	636.8	548.9	461.1	376.9
-52.5°	1090.6	1021.0	947.8	889.3	830.7	746.6	666.1	592.9	516.0	431.8	358.6
-55°	999.1	933.2	867.3	812.4	757.5	684.3	618.5	556.3	483.1	409.9	340.3
-57.5°	911.2	856.4	794.1	742.9	688.0	629.5	574.6	516.0	450.1	387.9	322.0
-60°	830.7	779.5	724.6	673.4	625.8	578.2	527.0	479.4	420.9	362.3	303.7
-62.5°	750.2	706.3	658.7	607.5	570.9	527.0	486.7	439.2	391.6	340.3	270.8
-65°	677.0	636.8	592.9	548.9	516.0	483.1	446.5	402.6	362.3	314.7	241.5
-67.5°	603.8	567.2	530.6	494.0	464.8	439.2	402.6	369.6	336.7	285.5	212.3
-70°	534.3	505.0	472.1	442.8	420.9	391.6	366.0	336.7	307.4	248.9	179.3
-72.5°	468.4	439.2	413.5	391.6	373.3	347.7	325.7	303.7	263.5	208.6	150.0
-75°	391.6	373.3	358.6	340.3	322.0	303.7	285.5	259.8	219.6	168.3	117.1
-77.5°	322.0	311.1	300.1	285.5	270.8	256.2	234.2	208.6	175.7	131.7	95.2
-80°	263.5	252.5	245.2	230.6	219.6	204.9	183.0	161.0	128.1	102.5	76.9
-82.5°	201.3	194.0	186.6	179.3	168.3	153.7	131.7	113.4	95.2	76.9	58.6
-85°	142.7	139.1	131.7	124.4	113.4	102.5	87.8	76.9	65.9	51.2	40.3
-87.5°	73.2	69.5	65.9	62.2	58.6	51.2	43.9	36.6	32.9	25.6	18.3
-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°	14.6	11.0	3.7	0.0
85°	29.3	18.3	7.3	0.0
82.5°	43.9	29.3	11.0	0.0
80°	58.6	36.6	18.3	0.0
77.5°	73.2	43.9	22.0	0.0
75°	87.8	54.9	25.6	0.0
72.5°	98.8	62.2	29.3	0.0
70°	117.1	73.2	32.9	0.0
67.5°	146.4	80.5	36.6	0.0
65°	172.0	87.8	40.3	0.0
62.5°	201.3	95.2	43.9	0.0
60°	226.9	102.5	47.6	0.0
57.5°	252.5	120.8	51.2	0.0
55°	274.5	135.4	54.9	0.0
52.5°	300.1	150.0	58.6	0.0
50°	322.0	164.7	62.2	0.0
47.5°	340.3	179.3	62.2	0.0
45°	355.0	190.3	65.9	0.0
42.5°	366.0	201.3	69.5	0.0
40°	376.9	212.3	73.2	0.0
37.5°	387.9	223.2	73.2	0.0
35°	398.9	234.2	76.9	0.0
32.5°	409.9	245.2	76.9	0.0
30°	417.2	252.5	80.5	0.0
27.5°	428.2	259.8	80.5	0.0
25°	431.8	267.2	84.2	0.0
22.5°	439.2	270.8	84.2	0.0
20°	446.5	278.1	84.2	0.0
17.5°	450.1	281.8	87.8	0.0
15°	450.1	285.5	91.5	0.0
12.5°	453.8	289.1	91.5	0.0
10°	453.8	296.4	87.8	0.0
7.5°	461.1	292.8	87.8	0.0
5°	457.5	292.8	87.8	0.0
2.5°	453.8	289.1	87.8	0.0
0°	450.1	289.1	87.8	0.0
-2.5°	450.1	289.1	87.8	0.0
-5°	450.1	289.1	87.8	0.0
-7.5°	446.5	292.8	87.8	0.0
-10°	439.2	292.8	87.8	0.0
-12.5°	435.5	281.8	87.8	0.0
-15°	431.8	278.1	87.8	0.0
-17.5°	424.5	274.5	84.2	0.0
-20°	417.2	270.8	84.2	0.0



REPORT NUMBER: P722071
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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	409.9	263.5	84.2	0.0
-25°	402.6	256.2	80.5	0.0
-27.5°	395.2	248.9	80.5	0.0
-30°	384.3	241.5	76.9	0.0
-32.5°	373.3	234.2	76.9	0.0
-35°	366.0	223.2	73.2	0.0
-37.5°	355.0	212.3	73.2	0.0
-40°	344.0	201.3	69.5	0.0
-42.5°	333.0	190.3	65.9	0.0
-45°	318.4	179.3	65.9	0.0
-47.5°	307.4	168.3	62.2	0.0
-50°	289.1	153.7	58.6	0.0
-52.5°	267.2	139.1	54.9	0.0
-55°	245.2	128.1	51.2	0.0
-57.5°	223.2	113.4	51.2	0.0
-60°	201.3	98.8	47.6	0.0
-62.5°	179.3	91.5	43.9	0.0
-65°	157.4	84.2	40.3	0.0
-67.5°	131.7	73.2	36.6	0.0
-70°	109.8	65.9	32.9	0.0
-72.5°	95.2	58.6	29.3	0.0
-75°	80.5	51.2	25.6	0.0
-77.5°	69.5	43.9	22.0	0.0
-80°	54.9	32.9	14.6	0.0
-82.5°	40.3	25.6	11.0	0.0
-85°	25.6	18.3	7.3	0.0
-87.5°	14.6	7.3	3.7	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)