

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: P721984

Luminaire Tested: **IFLD-L-SA8A-722-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P721984
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8A-722-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (128) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

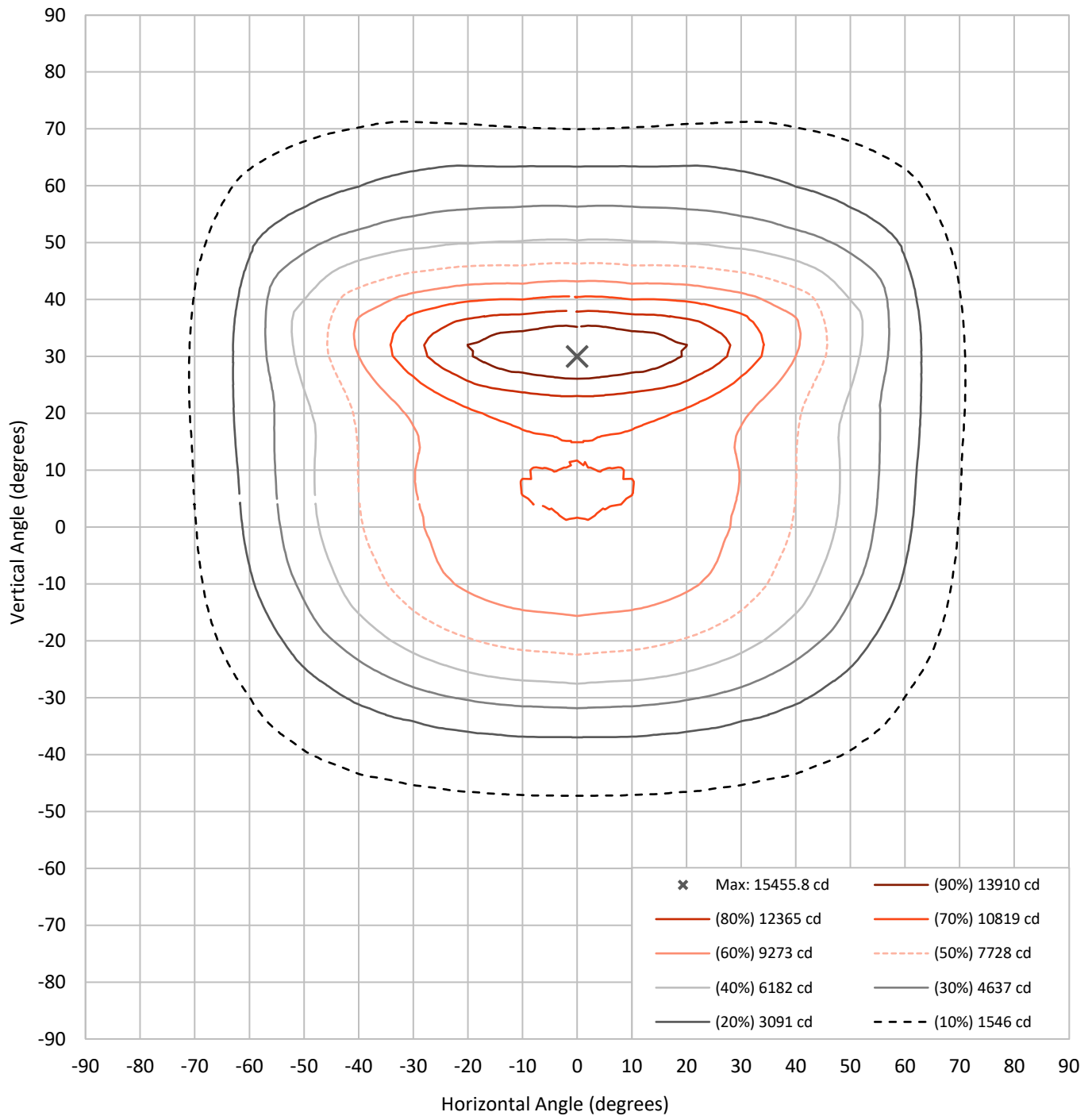
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	25799.6 lumens	Max Intensity:	15455.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	104.1 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	15002.8 lumens	Field Lumens:	24177.6 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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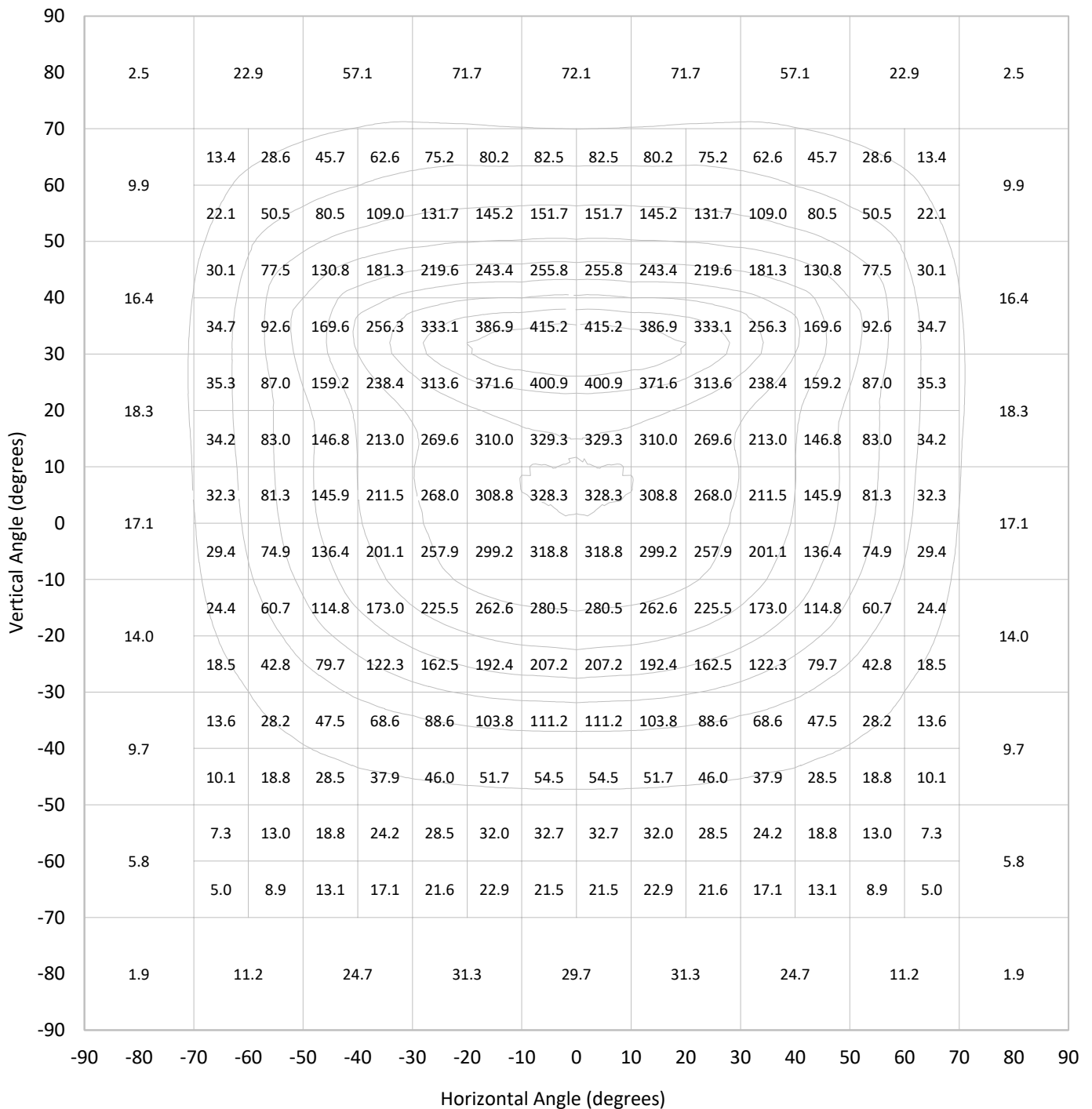
Iso-Candela Plot





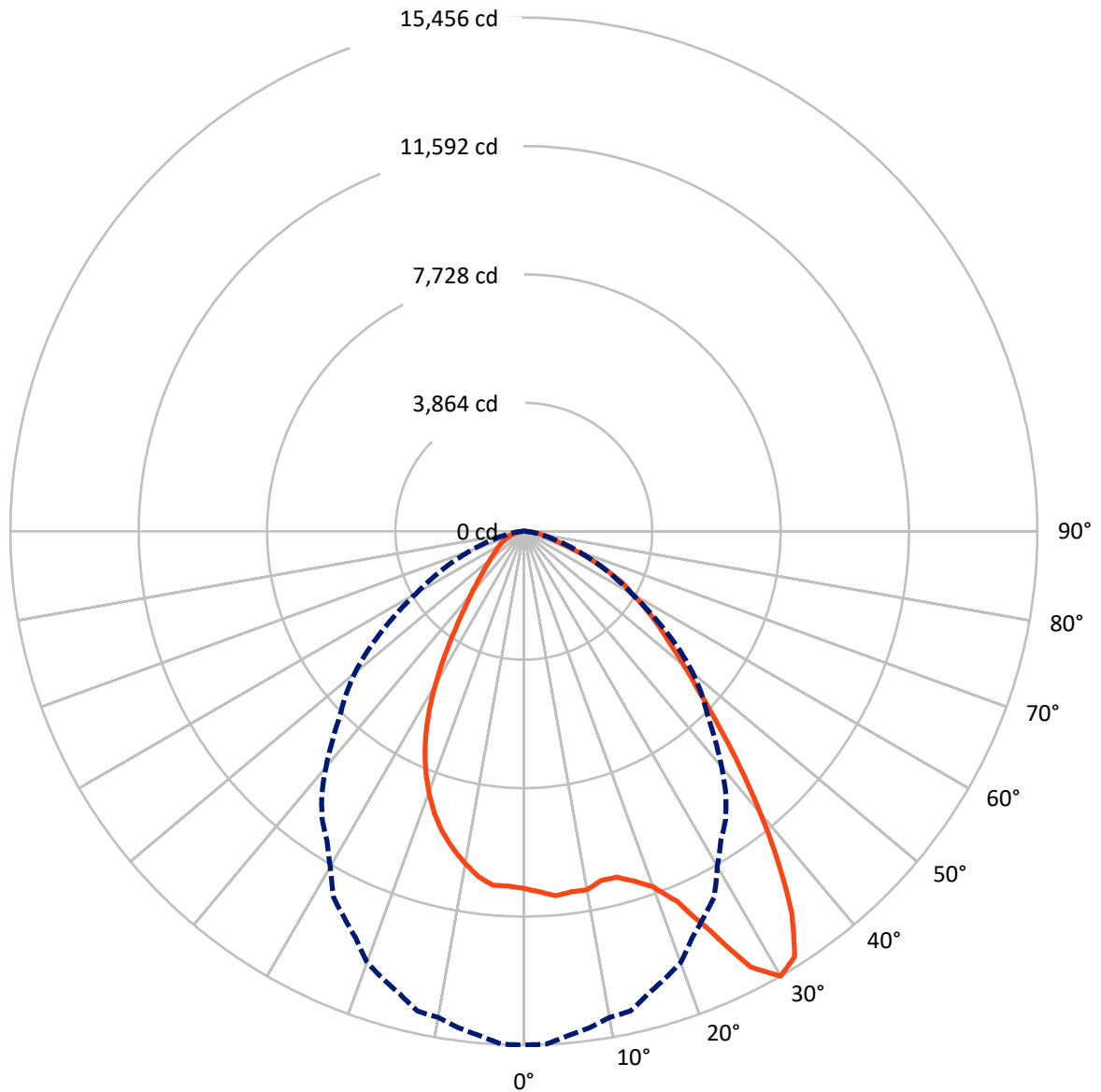
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Lumen Table



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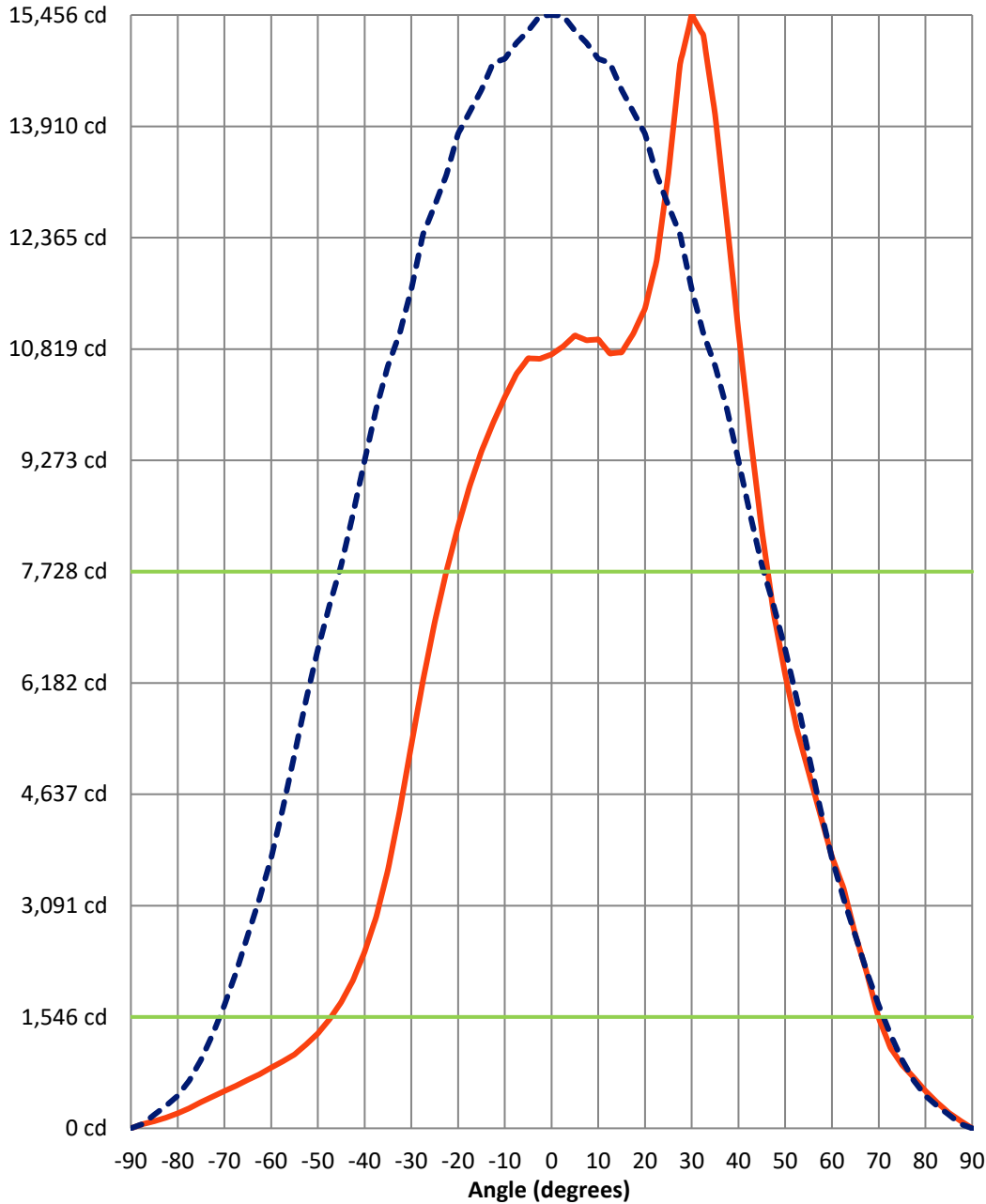
Luminous Intensity Polar Plot



— 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: 15002.8
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 24177.6
 Efficiency: 93.7%

Spill:
 Lumens: 1622
 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°	103.9	106.6	109.3	109.3	106.6	106.6	106.6	103.9	106.6	106.6	106.6
85°	215.9	221.4	226.8	224.1	221.4	215.9	210.5	213.2	215.9	218.6	218.6
82.5°	358.0	366.2	371.7	369.0	363.5	358.0	352.6	355.3	360.8	363.5	363.5
80°	519.3	522.0	524.8	530.2	522.0	522.0	519.3	530.2	535.7	541.2	546.6
77.5°	705.1	707.9	707.9	710.6	713.3	716.1	716.1	735.2	748.9	757.1	765.3
75°	880.1	888.3	896.5	904.7	915.6	921.1	929.3	956.6	978.5	994.9	1011.3
72.5°	1120.6	1131.5	1145.2	1164.3	1183.4	1197.1	1216.2	1249.0	1273.6	1290.0	1309.2
70°	1533.3	1544.2	1557.9	1571.5	1590.7	1604.3	1623.5	1664.5	1689.1	1700.0	1710.9
67.5°	2145.5	2172.8	2197.4	2170.1	2156.4	2137.3	2142.8	2181.0	2205.6	2222.0	2219.3
65°	2689.4	2708.5	2708.5	2705.8	2694.9	2670.3	2683.9	2730.4	2757.7	2771.4	2730.4
62.5°	3328.9	3328.9	3315.3	3337.1	3339.9	3323.5	3315.3	3318.0	3320.7	3328.9	3260.6
60°	3771.7	3799.0	3807.2	3826.4	3831.8	3831.8	3845.5	3856.4	3856.4	3840.0	3760.8
57.5°	4356.6	4408.5	4419.5	4405.8	4378.5	4342.9	4337.5	4321.1	4288.3	4255.5	4217.2
55°	4947.0	4974.3	4971.6	4963.4	4936.0	4895.0	4900.5	4878.6	4826.7	4785.7	4733.8
52.5°	5540.0	5605.6	5616.6	5600.2	5561.9	5518.2	5520.9	5496.3	5444.4	5400.7	5329.6
50°	6297.1	6351.8	6346.3	6319.0	6264.3	6231.5	6234.3	6187.8	6127.7	6114.0	6021.1
47.5°	7163.5	7226.4	7215.4	7177.2	7103.4	7089.7	7103.4	7043.3	7007.7	6977.7	6868.3
45°	8300.5	8374.3	8333.3	8259.5	8142.0	8155.6	8174.8	8163.8	8087.3	8008.1	7868.7
42.5°	9634.3	9680.7	9631.5	9557.7	9410.1	9437.5	9426.5	9360.9	9314.5	9183.3	9005.6
40°	11060.9	11162.1	11085.5	10970.8	10817.7	10858.7	10828.6	10743.9	10634.6	10470.6	10246.5
37.5°	12599.7	12679.0	12591.5	12457.6	12320.9	12307.3	12247.1	12115.9	11960.1	11779.8	11421.7
35°	14072.9	14277.8	14116.6	13903.4	13736.7	13673.8	13616.4	13313.0	13135.4	12842.9	12353.7
32.5°	15168.8	15319.2	15119.6	14898.3	14696.0	14608.5	14406.3	14045.5	13949.9	13334.9	12886.7
30°	15455.8	15444.9	15237.2	15067.7	14849.1	14788.9	14417.2	14111.1	13805.0	13236.5	12810.1
27.5°	14772.5	14704.2	14504.7	14357.1	14141.2	14070.1	13703.9	13539.9	13067.1	12586.0	12225.3
25°	13250.2	13285.7	13135.4	13061.6	12919.5	12766.4	12621.6	12400.2	12105.0	11684.1	11353.4
22.5°	12050.3	12096.8	12033.9	11946.5	11837.2	11752.4	11643.1	11470.9	11186.7	10927.0	10615.4
20°	11383.5	11369.8	11315.1	11249.5	11145.7	11085.5	10965.3	10820.4	10601.8	10377.7	10041.5
17.5°	11033.6	10948.9	10897.0	10872.4	10817.7	10741.2	10599.1	10451.5	10282.0	10027.8	9781.8
15°	10774.0	10787.6	10746.6	10727.5	10683.8	10577.2	10432.3	10312.1	10082.5	9954.0	9729.9
12.5°	10757.6	10743.9	10746.6	10738.4	10683.8	10547.1	10473.3	10320.3	10172.7	10003.2	9746.3
10°	10951.6	10806.8	10817.7	10856.0	10768.5	10659.2	10579.9	10413.2	10273.8	10057.9	9803.7
7.5°	10940.7	10866.9	10888.8	10825.9	10853.2	10719.3	10610.0	10443.3	10268.3	10038.8	9809.2
5°	11006.3	10894.2	10875.1	10880.6	10812.2	10711.1	10563.5	10405.0	10241.0	9984.1	9749.0
2.5°	10856.0	10872.4	10784.9	10752.1	10743.9	10574.5	10437.8	10284.7	10115.3	9888.4	9678.0
0°	10743.9	10774.0	10683.8	10637.3	10634.6	10489.7	10402.3	10227.3	10107.1	9918.5	9664.3
-2.5°	10683.8	10719.3	10730.2	10645.5	10563.5	10451.5	10303.9	10115.3	9918.5	9699.9	9481.2
-5°	10689.2	10618.2	10588.1	10615.4	10544.4	10432.3	10268.3	10101.6	9907.6	9672.5	9399.2
-7.5°	10473.3	10402.3	10396.8	10383.1	10366.7	10260.1	10123.5	9943.1	9746.3	9527.7	9273.5
-10°	10150.8	10098.9	10085.2	10071.6	10027.8	9965.0	9836.5	9672.5	9494.9	9276.2	9005.6
-12.5°	9792.8	9768.2	9716.3	9680.7	9637.0	9563.2	9440.2	9289.9	9112.2	8918.2	8685.9
-15°	9396.5	9350.0	9298.1	9268.0	9205.2	9117.7	8994.7	8855.3	8661.3	8469.9	8251.3
-17.5°	8918.2	8860.8	8803.4	8795.2	8751.5	8617.5	8502.7	8333.3	8163.8	7980.7	7767.5
-20°	8355.2	8275.9	8237.6	8215.8	8155.6	8057.2	7934.3	7778.5	7614.5	7439.6	7193.6



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CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	7732.0	7663.7	7598.1	7557.1	7505.2	7428.6	7311.1	7174.4	7013.2	6816.4	6589.6
-25°	7024.1	6928.5	6887.5	6841.0	6813.7	6742.6	6627.8	6502.1	6335.4	6144.1	5928.1
-27.5°	6215.1	6138.6	6116.7	6051.1	6018.3	5944.5	5848.9	5731.4	5578.3	5397.9	5220.3
-30°	5321.4	5274.9	5239.4	5173.8	5149.2	5069.9	5007.1	4908.7	4769.3	4640.8	4498.7
-32.5°	4403.1	4356.6	4345.7	4315.6	4299.2	4247.3	4176.2	4105.2	3993.1	3897.4	3782.6
-35°	3588.6	3555.8	3558.5	3555.8	3539.4	3501.1	3413.7	3394.5	3312.5	3225.1	3151.3
-37.5°	2938.1	2940.8	2938.1	2935.4	2913.5	2897.1	2834.2	2809.7	2760.5	2675.7	2632.0
-40°	2448.9	2454.3	2451.6	2446.1	2421.5	2413.3	2372.4	2339.6	2320.4	2260.3	2213.8
-42.5°	2052.6	2060.8	2058.0	2055.3	2038.9	2036.2	2014.3	1976.0	1965.1	1929.6	1880.4
-45°	1751.9	1749.2	1743.7	1749.2	1741.0	1732.8	1719.1	1694.5	1680.9	1664.5	1623.5
-47.5°	1514.2	1516.9	1511.4	1511.4	1500.5	1492.3	1486.8	1470.4	1459.5	1445.8	1421.2
-50°	1317.4	1328.3	1325.6	1322.8	1314.6	1309.2	1309.2	1292.8	1276.4	1270.9	1254.5
-52.5°	1164.3	1172.5	1175.2	1180.7	1183.4	1186.2	1178.0	1161.6	1134.2	1131.5	1123.3
-55°	1024.9	1049.5	1065.9	1076.9	1087.8	1096.0	1079.6	1057.7	1030.4	1019.5	1016.7
-57.5°	929.3	953.9	973.0	989.4	1003.1	1016.7	1000.3	978.5	953.9	940.2	937.5
-60°	841.8	863.7	882.8	904.7	923.8	945.7	937.5	921.1	907.4	896.5	885.5
-62.5°	748.9	770.7	792.6	819.9	844.5	866.4	869.1	866.4	863.7	866.4	847.3
-65°	672.3	683.3	696.9	727.0	754.3	778.9	792.6	800.8	814.5	828.1	809.0
-67.5°	590.4	604.0	620.4	642.3	664.1	680.5	699.7	721.5	743.4	765.3	751.6
-70°	516.6	527.5	541.2	552.1	565.8	576.7	593.1	617.7	642.3	664.1	658.7
-72.5°	440.0	451.0	459.2	464.6	472.8	478.3	486.5	508.4	524.8	535.7	535.7
-75°	363.5	374.4	382.6	385.4	390.8	393.6	399.0	407.2	415.4	418.2	420.9
-77.5°	278.8	289.7	297.9	303.4	308.8	314.3	317.0	322.5	325.2	325.2	328.0
-80°	207.7	215.9	221.4	229.6	232.3	237.8	243.2	246.0	248.7	248.7	251.4
-82.5°	147.6	153.1	158.5	164.0	169.5	172.2	177.7	180.4	183.1	185.9	188.6
-85°	98.4	103.9	109.3	114.8	117.5	120.3	123.0	125.7	128.5	131.2	133.9
-87.5°	57.4	60.1	62.9	68.3	71.1	76.5	79.3	76.5	79.3	79.3	79.3
-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):

	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°	106.6	106.6	106.6	106.6	103.9	98.4	95.7	90.2	84.7	79.3	73.8
85°	221.4	224.1	224.1	224.1	218.6	215.9	207.7	199.5	188.6	172.2	158.5
82.5°	369.0	371.7	371.7	369.0	363.5	355.3	344.4	330.7	308.8	287.0	267.8
80°	554.8	557.6	557.6	554.8	541.2	527.5	513.8	497.4	470.1	440.0	407.2
77.5°	776.2	781.7	781.7	773.5	754.3	737.9	716.1	688.7	647.8	604.0	560.3
75°	1033.1	1046.8	1049.5	1041.3	1016.7	986.7	951.1	904.7	841.8	787.1	735.2
72.5°	1331.0	1344.7	1355.6	1344.7	1309.2	1268.2	1216.2	1161.6	1098.7	1024.9	937.5
70°	1721.9	1735.5	1743.7	1708.2	1645.3	1577.0	1514.2	1451.3	1377.5	1287.3	1191.6
67.5°	2213.8	2200.2	2183.8	2112.7	2033.4	1951.4	1864.0	1771.1	1675.4	1579.7	1467.7
65°	2686.7	2648.4	2612.9	2528.1	2427.0	2320.4	2219.3	2115.4	2000.6	1880.4	1773.8
62.5°	3184.1	3102.1	3014.6	2910.8	2806.9	2689.4	2588.3	2465.3	2336.8	2189.2	2052.6
60°	3673.3	3574.9	3487.5	3359.0	3222.4	3063.8	2954.5	2834.2	2683.9	2525.4	2364.2
57.5°	4146.1	4039.6	3943.9	3831.8	3684.2	3512.1	3391.8	3236.0	3077.5	2878.0	2714.0
55°	4649.0	4542.5	4465.9	4340.2	4178.9	4020.4	3889.2	3725.2	3503.9	3290.7	3088.4
52.5°	5225.7	5141.0	5059.0	4930.6	4736.5	4575.2	4430.4	4247.3	4015.0	3752.6	3509.3
50°	5870.7	5827.0	5739.6	5589.2	5367.9	5225.7	5034.4	4791.2	4542.5	4266.4	3963.0
47.5°	6726.2	6655.2	6532.2	6368.2	6182.3	5969.1	5712.2	5428.0	5075.4	4769.3	4446.8
45°	7748.4	7617.2	7458.7	7237.3	7007.7	6767.2	6485.7	6124.9	5652.1	5253.1	4914.2
42.5°	8855.3	8677.7	8461.7	8172.0	7874.1	7578.9	7275.6	6783.6	6193.3	5734.1	5351.5
40°	10011.4	9784.6	9514.0	9093.1	8762.4	8382.5	8035.4	7300.2	6671.6	6174.1	5766.9
37.5°	11142.9	10856.0	10402.3	9891.2	9505.8	9194.2	8431.7	7644.5	7081.5	6534.9	6122.2
35°	12009.3	11766.1	10965.3	10435.1	10104.4	9612.4	8658.5	7852.3	7256.4	6802.7	6160.5
32.5°	12523.2	11894.6	11192.1	10656.4	10383.1	9576.9	8674.9	7912.4	7338.4	6830.1	6062.1
30°	12408.4	11648.6	11033.6	10585.4	9992.3	9268.0	8521.9	7819.5	7261.9	6647.0	5952.7
27.5°	11716.9	11129.3	10579.9	10112.6	9530.4	8879.9	8191.2	7573.5	7054.2	6458.4	5802.4
25°	10935.2	10402.3	9995.0	9587.8	9035.7	8415.3	7808.5	7363.0	6841.0	6253.4	5605.6
22.5°	10216.4	9833.8	9514.0	9087.6	8549.2	8008.1	7630.9	7169.0	6633.3	6037.5	5403.4
20°	9757.2	9497.6	9131.4	8661.3	8237.6	7898.7	7480.6	6991.3	6439.2	5816.1	5231.2
17.5°	9535.9	9235.2	8828.0	8521.9	8196.6	7824.9	7357.6	6838.3	6250.7	5715.0	5250.3
15°	9421.1	9104.0	8836.2	8535.5	8169.3	7778.5	7259.2	6720.7	6250.7	5756.0	5264.0
12.5°	9445.7	9172.4	8879.9	8551.9	8158.4	7740.2	7270.1	6769.9	6283.4	5786.0	5266.7
10°	9522.2	9235.2	8923.6	8560.1	8163.8	7751.1	7300.2	6800.0	6299.8	5799.7	5261.3
7.5°	9549.5	9238.0	8904.5	8538.3	8150.2	7745.7	7305.6	6808.2	6302.6	5797.0	5244.9
5°	9464.8	9183.3	8860.8	8491.8	8111.9	7718.3	7283.8	6797.3	6280.7	5769.6	5203.9
2.5°	9350.0	9123.2	8814.3	8459.0	8073.6	7680.1	7248.2	6748.1	6231.5	5720.4	5151.9
0°	9330.9	9049.4	8737.8	8420.8	8010.8	7595.3	7166.2	6655.2	6141.3	5627.5	5061.7
-2.5°	9205.2	8907.2	8595.7	8251.3	7890.5	7472.4	7021.4	6521.2	6012.9	5507.2	4963.4
-5°	9109.5	8778.8	8448.1	8076.4	7712.9	7294.7	6827.3	6340.8	5843.4	5351.5	4826.7
-7.5°	8981.0	8642.1	8295.0	7906.9	7513.4	7087.0	6625.1	6138.6	5649.4	5160.1	4657.2
-10°	8721.4	8423.5	8098.2	7696.5	7281.0	6854.7	6395.5	5917.2	5428.0	4933.3	4427.7
-12.5°	8407.1	8092.8	7737.5	7368.5	6996.8	6600.5	6141.3	5671.2	5179.3	4681.8	4178.9
-15°	7999.9	7691.0	7327.5	6966.7	6608.7	6228.8	5824.3	5400.7	4900.5	4411.3	3908.4
-17.5°	7491.5	7201.8	6876.5	6532.2	6176.9	5794.2	5400.7	5042.6	4575.2	4116.1	3618.7
-20°	6944.9	6674.3	6381.8	6056.6	5701.3	5326.9	4955.2	4580.7	4176.2	3771.7	3309.8



REPORT NUMBER: P721984
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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°	6376.4	6103.1	5807.9	5504.5	5176.5	4829.4	4485.1	4127.0	3771.7	3405.5	3014.6
-25°	5720.4	5479.9	5209.3	4914.2	4621.7	4318.3	3990.4	3665.1	3361.7	3044.7	2724.9
-27.5°	5034.4	4813.0	4567.0	4310.1	4058.7	3804.5	3520.3	3219.6	2968.2	2705.8	2440.7
-30°	4312.9	4135.2	3935.7	3711.6	3517.5	3312.5	3074.8	2826.0	2596.5	2396.9	2183.8
-32.5°	3629.6	3479.3	3337.1	3189.6	2998.2	2839.7	2675.7	2492.6	2290.4	2101.8	1948.7
-35°	3042.0	2880.7	2820.6	2711.3	2574.6	2435.2	2315.0	2183.8	2030.7	1864.0	1738.3
-37.5°	2547.3	2451.6	2366.9	2306.8	2216.6	2104.5	2008.8	1913.2	1795.7	1669.9	1544.2
-40°	2161.9	2096.3	2003.4	1973.3	1915.9	1839.4	1741.0	1667.2	1587.9	1492.3	1385.7
-42.5°	1853.1	1803.9	1743.7	1691.8	1667.2	1612.5	1536.0	1465.0	1402.1	1336.5	1254.5
-45°	1598.9	1566.1	1527.8	1481.4	1462.2	1418.5	1363.8	1284.6	1249.0	1194.4	1134.2
-47.5°	1393.9	1377.5	1350.2	1320.1	1292.8	1260.0	1210.8	1161.6	1112.4	1076.9	1030.4
-50°	1232.6	1221.7	1205.3	1180.7	1145.2	1123.3	1090.5	1046.8	1000.3	970.3	937.5
-52.5°	1104.2	1093.2	1082.3	1063.2	1035.9	1014.0	986.7	951.1	912.9	882.8	855.5
-55°	1005.8	989.4	981.2	964.8	942.9	918.3	893.7	869.1	836.3	809.0	781.7
-57.5°	929.3	907.4	896.5	882.8	860.9	836.3	817.2	792.6	770.7	740.7	716.1
-60°	869.1	844.5	822.7	809.0	789.9	765.3	746.1	727.0	705.1	680.5	650.5
-62.5°	819.9	789.9	759.8	743.4	724.3	702.4	683.3	664.1	642.3	617.7	590.4
-65°	773.5	737.9	699.7	683.3	664.1	642.3	617.7	604.0	584.9	563.0	535.7
-67.5°	716.1	677.8	645.0	625.9	606.8	587.6	565.8	552.1	533.0	505.6	478.3
-70°	631.4	606.8	584.9	568.5	552.1	535.7	513.8	492.0	470.1	445.5	420.9
-72.5°	524.8	516.6	513.8	505.6	486.5	467.4	445.5	423.6	404.5	385.4	366.2
-75°	423.6	429.1	434.6	431.8	412.7	393.6	374.4	355.3	341.6	325.2	308.8
-77.5°	336.2	341.6	347.1	347.1	333.4	322.5	308.8	295.2	284.2	270.6	254.2
-80°	259.6	267.8	276.0	281.5	270.6	262.4	251.4	240.5	229.6	218.6	207.7
-82.5°	196.8	205.0	213.2	218.6	210.5	205.0	196.8	188.6	180.4	169.5	161.3
-85°	142.1	147.6	153.1	155.8	150.3	144.9	139.4	133.9	128.5	120.3	114.8
-87.5°	82.0	84.7	87.5	90.2	84.7	79.3	76.5	71.1	68.3	62.9	60.1
-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):

	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°	68.3	62.9	57.4	54.7	49.2	41.0	35.5	30.1	24.6	19.1	16.4
85°	144.9	131.2	114.8	106.6	95.7	84.7	73.8	62.9	51.9	41.0	30.1
82.5°	248.7	232.3	215.9	196.8	172.2	142.1	112.1	92.9	76.5	60.1	46.5
80°	374.4	344.4	317.0	292.4	265.1	226.8	185.9	147.6	103.9	79.3	60.1
77.5°	519.3	483.8	445.5	404.5	360.8	308.8	262.4	213.2	161.3	109.3	76.5
75°	683.3	636.8	584.9	527.5	470.1	401.8	336.2	278.8	218.6	153.1	92.9
72.5°	866.4	809.0	746.1	669.6	579.4	500.2	420.9	344.4	273.3	194.1	125.7
70°	1101.4	1011.3	918.3	836.3	721.5	595.8	502.9	415.4	325.2	237.8	158.5
67.5°	1352.9	1243.6	1131.5	1011.3	866.4	718.8	584.9	486.5	379.9	278.8	188.6
65°	1626.2	1489.6	1347.4	1213.5	1014.0	839.1	688.7	554.8	431.8	317.0	218.6
62.5°	1907.7	1746.5	1582.5	1407.6	1178.0	962.1	787.1	631.4	481.0	352.6	246.0
60°	2208.4	2019.8	1820.3	1601.6	1333.8	1096.0	880.1	710.6	533.0	388.1	276.0
57.5°	2525.4	2320.4	2085.4	1790.2	1495.0	1224.4	986.7	781.7	579.4	420.9	297.9
55°	2869.8	2634.7	2377.8	1987.0	1653.5	1352.9	1093.2	852.7	628.6	448.2	319.8
52.5°	3241.5	2968.2	2642.9	2194.7	1820.3	1484.1	1191.6	915.6	675.1	478.3	338.9
50°	3656.9	3312.5	2875.2	2386.0	1965.1	1607.1	1290.0	983.9	713.3	511.1	355.3
47.5°	4088.8	3717.0	3083.0	2563.7	2112.7	1727.3	1391.2	1044.1	751.6	538.4	371.7
45°	4539.7	3998.6	3298.9	2722.2	2241.2	1836.7	1467.7	1098.7	798.1	563.0	385.4
42.5°	4985.2	4211.7	3487.5	2880.7	2361.4	1935.1	1530.5	1150.6	836.3	587.6	399.0
40°	5195.7	4373.0	3637.8	2990.0	2462.5	2022.5	1585.2	1197.1	869.1	604.0	412.7
37.5°	5283.1	4471.4	3736.2	3093.9	2541.8	2069.0	1631.7	1238.1	896.5	620.4	423.6
35°	5302.3	4506.9	3785.4	3165.0	2607.4	2112.7	1667.2	1268.2	918.3	636.8	434.6
32.5°	5266.7	4496.0	3799.0	3189.6	2648.4	2145.5	1691.8	1290.0	934.7	653.2	445.5
30°	5187.5	4438.6	3749.8	3186.8	2678.5	2164.6	1708.2	1306.4	951.1	664.1	451.0
27.5°	5059.0	4337.5	3687.0	3189.6	2694.9	2172.8	1716.4	1314.6	962.1	672.3	461.9
25°	4900.5	4200.8	3689.7	3184.1	2697.6	2175.6	1716.4	1314.6	964.8	675.1	470.1
22.5°	4717.4	4200.8	3689.7	3175.9	2681.2	2170.1	1708.2	1309.2	964.8	680.5	478.3
20°	4728.3	4203.5	3681.5	3159.5	2656.6	2153.7	1689.1	1295.5	956.6	688.7	483.8
17.5°	4736.5	4198.1	3665.1	3137.6	2623.8	2126.4	1664.5	1276.4	956.6	696.9	486.5
15°	4736.5	4181.7	3640.5	3104.8	2582.8	2088.1	1628.9	1260.0	959.3	699.7	492.0
12.5°	4728.3	4151.6	3602.3	3061.1	2533.6	2041.6	1607.1	1254.5	959.3	702.4	492.0
10°	4711.9	4110.6	3553.1	3006.4	2487.1	2025.2	1596.1	1243.6	953.9	702.4	492.0
7.5°	4681.8	4061.4	3512.1	2973.6	2459.8	2006.1	1579.7	1227.2	945.7	696.9	497.4
5°	4635.4	4034.1	3479.3	2935.4	2421.5	1992.4	1568.8	1213.5	940.2	696.9	492.0
2.5°	4575.2	4001.3	3441.0	2886.2	2377.8	1946.0	1533.3	1183.4	921.1	686.0	486.5
0°	4476.9	3935.7	3375.4	2817.8	2317.7	1899.5	1497.8	1153.4	901.9	675.1	481.0
-2.5°	4386.7	3848.2	3290.7	2746.8	2260.3	1858.5	1470.4	1137.0	893.7	672.3	478.3
-5°	4260.9	3728.0	3178.6	2653.9	2183.8	1817.5	1443.1	1117.8	885.5	666.9	478.3
-7.5°	4121.5	3602.3	3061.1	2558.2	2107.2	1746.5	1391.2	1087.8	866.4	655.9	475.6
-10°	3905.6	3413.7	2913.5	2448.9	2025.2	1683.6	1347.4	1060.5	850.0	645.0	464.6
-12.5°	3676.1	3206.0	2744.1	2315.0	1932.3	1618.0	1298.2	1030.4	830.9	634.1	459.2
-15°	3432.8	2992.8	2566.4	2175.6	1831.2	1538.7	1246.3	997.6	811.7	620.4	451.0
-17.5°	3178.6	2768.7	2383.3	2033.4	1730.1	1456.8	1191.6	967.5	789.9	606.8	442.8
-20°	2910.8	2539.1	2197.4	1888.6	1623.5	1374.8	1134.2	932.0	765.3	590.4	431.8



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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°	2645.7	2312.2	2006.1	1746.5	1514.2	1290.0	1076.9	896.5	737.9	571.2	423.6
-25°	2410.6	2099.0	1836.7	1609.8	1407.6	1208.0	1016.7	860.9	707.9	552.1	412.7
-27.5°	2181.0	1915.9	1669.9	1481.4	1303.7	1128.8	959.3	822.7	677.8	530.2	401.8
-30°	1967.8	1741.0	1538.7	1355.6	1205.3	1057.7	910.1	784.4	645.0	508.4	388.1
-32.5°	1773.8	1590.7	1421.2	1246.3	1112.4	986.7	863.7	746.1	612.2	486.5	374.4
-35°	1593.4	1451.3	1303.7	1156.1	1019.5	921.1	814.5	705.1	582.2	461.9	360.8
-37.5°	1432.2	1317.4	1199.8	1074.1	956.6	858.2	768.0	664.1	552.1	440.0	347.1
-40°	1292.8	1199.8	1096.0	994.9	896.5	803.5	721.5	623.2	522.0	423.6	333.4
-42.5°	1164.3	1093.2	1008.5	923.8	836.3	754.3	675.1	579.4	492.0	404.5	319.8
-45°	1065.9	994.9	926.5	850.0	776.2	705.1	625.9	541.2	464.6	382.6	306.1
-47.5°	973.0	910.1	847.3	784.4	724.3	658.7	579.4	508.4	434.6	363.5	295.2
-50°	891.0	830.9	776.2	721.5	669.6	606.8	533.0	475.6	410.0	344.4	281.5
-52.5°	814.5	762.5	707.9	664.1	620.4	557.6	497.4	442.8	385.4	322.5	267.8
-55°	746.1	696.9	647.8	606.8	565.8	511.1	461.9	415.4	360.8	306.1	254.2
-57.5°	680.5	639.6	593.1	554.8	513.8	470.1	429.1	385.4	336.2	289.7	240.5
-60°	620.4	582.2	541.2	502.9	467.4	431.8	393.6	358.0	314.3	270.6	226.8
-62.5°	560.3	527.5	492.0	453.7	426.4	393.6	363.5	328.0	292.4	254.2	202.3
-65°	505.6	475.6	442.8	410.0	385.4	360.8	333.4	300.6	270.6	235.0	180.4
-67.5°	451.0	423.6	396.3	369.0	347.1	328.0	300.6	276.0	251.4	213.2	158.5
-70°	399.0	377.2	352.6	330.7	314.3	292.4	273.3	251.4	229.6	185.9	133.9
-72.5°	349.8	328.0	308.8	292.4	278.8	259.6	243.2	226.8	196.8	155.8	112.1
-75°	292.4	278.8	267.8	254.2	240.5	226.8	213.2	194.1	164.0	125.7	87.5
-77.5°	240.5	232.3	224.1	213.2	202.3	191.3	174.9	155.8	131.2	98.4	71.1
-80°	196.8	188.6	183.1	172.2	164.0	153.1	136.7	120.3	95.7	76.5	57.4
-82.5°	150.3	144.9	139.4	133.9	125.7	114.8	98.4	84.7	71.1	57.4	43.7
-85°	106.6	103.9	98.4	92.9	84.7	76.5	65.6	57.4	49.2	38.3	30.1
-87.5°	54.7	51.9	49.2	46.5	43.7	38.3	32.8	27.3	24.6	19.1	13.7
-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°	10.9	8.2	2.7	0.0
85°	21.9	13.7	5.5	0.0
82.5°	32.8	21.9	8.2	0.0
80°	43.7	27.3	13.7	0.0
77.5°	54.7	32.8	16.4	0.0
75°	65.6	41.0	19.1	0.0
72.5°	73.8	46.5	21.9	0.0
70°	87.5	54.7	24.6	0.0
67.5°	109.3	60.1	27.3	0.0
65°	128.5	65.6	30.1	0.0
62.5°	150.3	71.1	32.8	0.0
60°	169.5	76.5	35.5	0.0
57.5°	188.6	90.2	38.3	0.0
55°	205.0	101.1	41.0	0.0
52.5°	224.1	112.1	43.7	0.0
50°	240.5	123.0	46.5	0.0
47.5°	254.2	133.9	46.5	0.0
45°	265.1	142.1	49.2	0.0
42.5°	273.3	150.3	51.9	0.0
40°	281.5	158.5	54.7	0.0
37.5°	289.7	166.7	54.7	0.0
35°	297.9	174.9	57.4	0.0
32.5°	306.1	183.1	57.4	0.0
30°	311.6	188.6	60.1	0.0
27.5°	319.8	194.1	60.1	0.0
25°	322.5	199.5	62.9	0.0
22.5°	328.0	202.3	62.9	0.0
20°	333.4	207.7	62.9	0.0
17.5°	336.2	210.5	65.6	0.0
15°	336.2	213.2	68.3	0.0
12.5°	338.9	215.9	68.3	0.0
10°	338.9	221.4	65.6	0.0
7.5°	344.4	218.6	65.6	0.0
5°	341.6	218.6	65.6	0.0
2.5°	338.9	215.9	65.6	0.0
0°	336.2	215.9	65.6	0.0
-2.5°	336.2	215.9	65.6	0.0
-5°	336.2	215.9	65.6	0.0
-7.5°	333.4	218.6	65.6	0.0
-10°	328.0	218.6	65.6	0.0
-12.5°	325.2	210.5	65.6	0.0
-15°	322.5	207.7	65.6	0.0
-17.5°	317.0	205.0	62.9	0.0
-20°	311.6	202.3	62.9	0.0



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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	306.1	196.8	62.9	0.0
-25°	300.6	191.3	60.1	0.0
-27.5°	295.2	185.9	60.1	0.0
-30°	287.0	180.4	57.4	0.0
-32.5°	278.8	174.9	57.4	0.0
-35°	273.3	166.7	54.7	0.0
-37.5°	265.1	158.5	54.7	0.0
-40°	256.9	150.3	51.9	0.0
-42.5°	248.7	142.1	49.2	0.0
-45°	237.8	133.9	49.2	0.0
-47.5°	229.6	125.7	46.5	0.0
-50°	215.9	114.8	43.7	0.0
-52.5°	199.5	103.9	41.0	0.0
-55°	183.1	95.7	38.3	0.0
-57.5°	166.7	84.7	38.3	0.0
-60°	150.3	73.8	35.5	0.0
-62.5°	133.9	68.3	32.8	0.0
-65°	117.5	62.9	30.1	0.0
-67.5°	98.4	54.7	27.3	0.0
-70°	82.0	49.2	24.6	0.0
-72.5°	71.1	43.7	21.9	0.0
-75°	60.1	38.3	19.1	0.0
-77.5°	51.9	32.8	16.4	0.0
-80°	41.0	24.6	10.9	0.0
-82.5°	30.1	19.1	8.2	0.0
-85°	19.1	13.7	5.5	0.0
-87.5°	10.9	5.5	2.7	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)