

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: P722027

Luminaire Tested: **IFLD-S-SA6A-730-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722027
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6A-730-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (96) 3000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

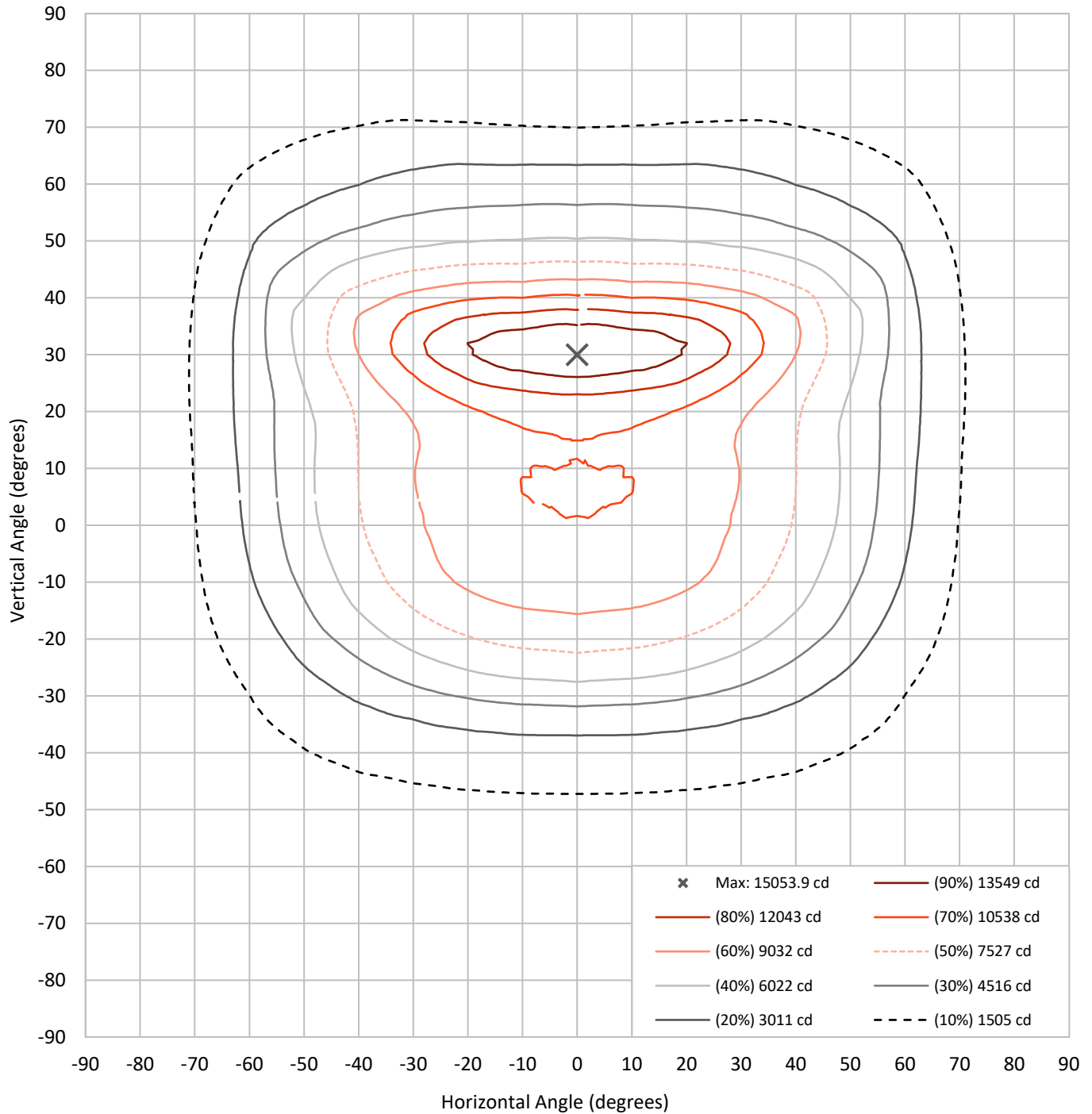
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	25128.8 lumens	Max Intensity:	15053.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	132.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	14612.7 lumens	Field Lumens:	23548.9 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 189.6
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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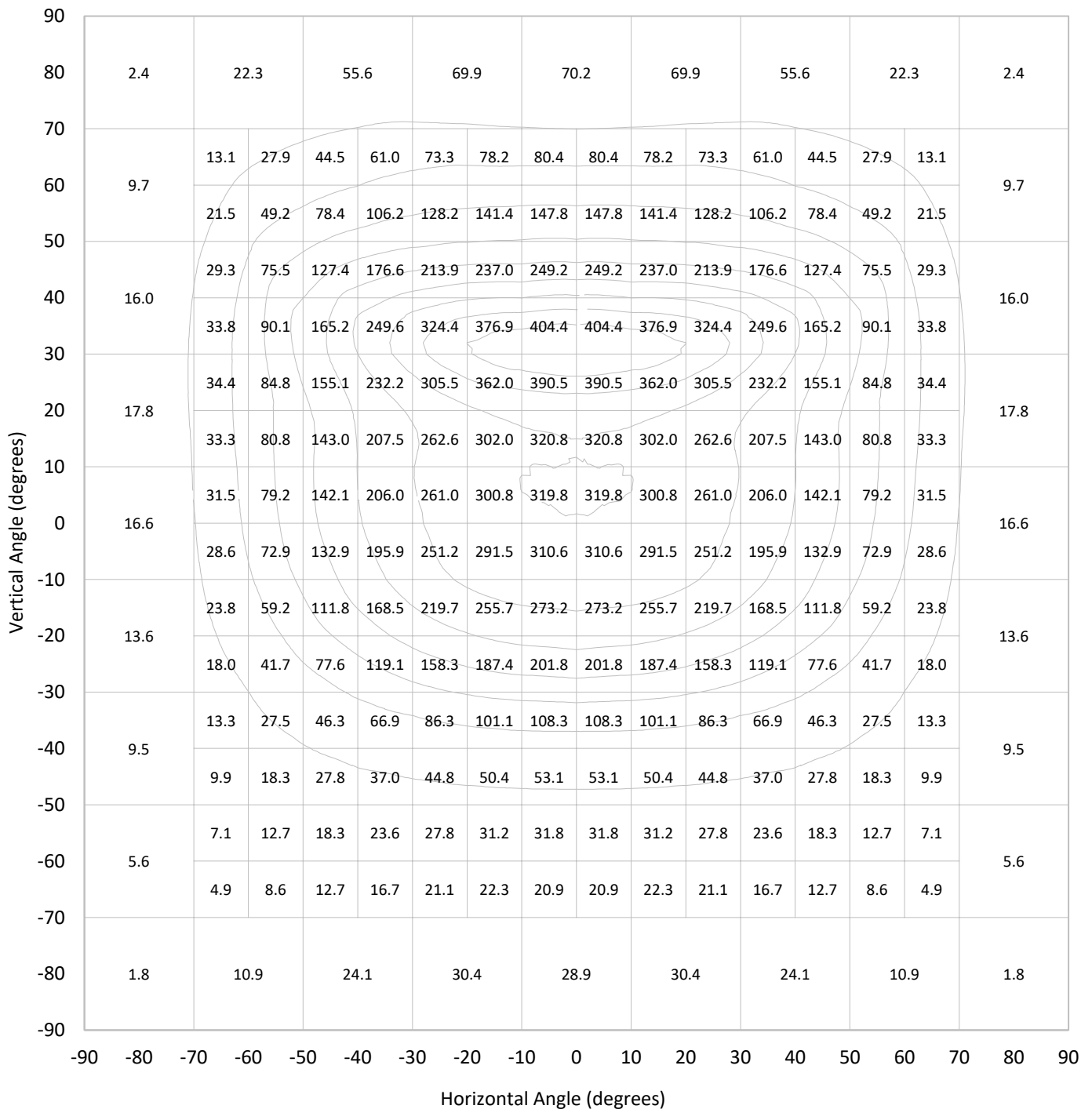
Iso-Candela Plot





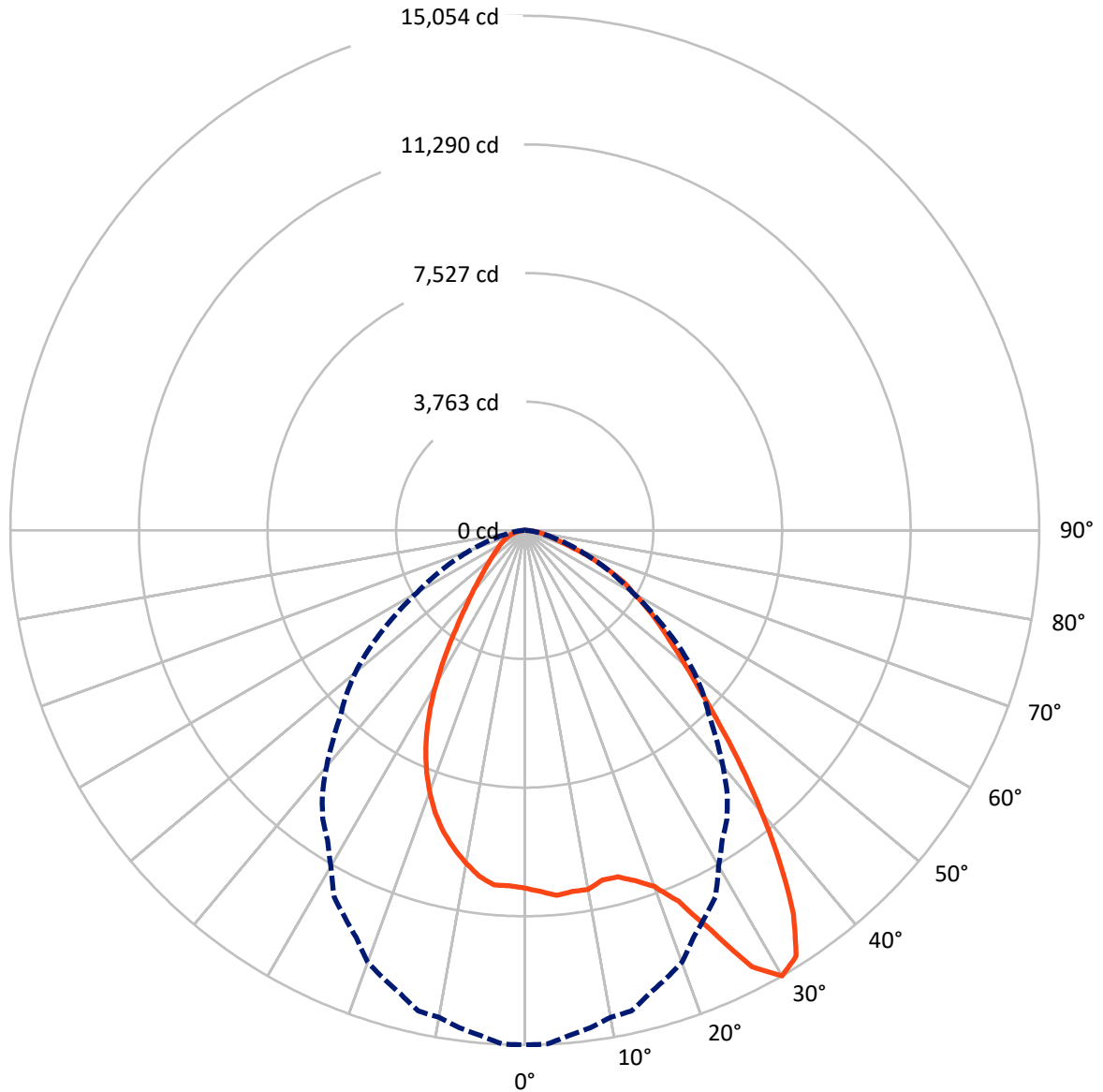
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Lumen Table



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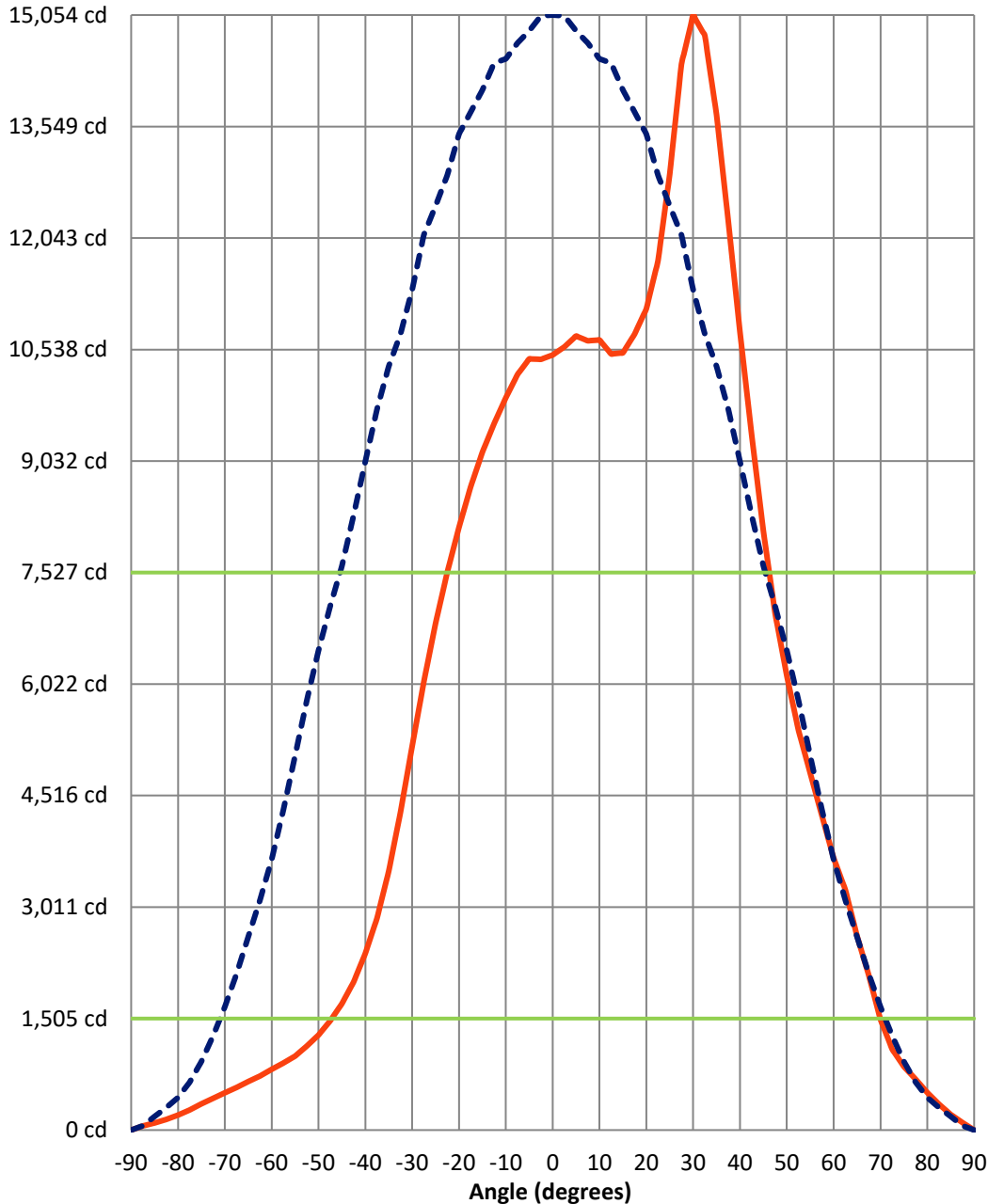
Luminous Intensity Polar Plot



— 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: 14612.7
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 23548.9
 Efficiency: 93.7%

Spill:
 Lumens: 1579.9
 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°	101.2	103.8	106.5	106.5	103.8	103.8	103.8	101.2	103.8	103.8	103.8
85°	210.3	215.6	221.0	218.3	215.6	210.3	205.0	207.6	210.3	213.0	213.0
82.5°	348.7	356.7	362.0	359.4	354.1	348.7	343.4	346.1	351.4	354.1	354.1
80°	505.8	508.5	511.1	516.4	508.5	508.5	505.8	516.4	521.8	527.1	532.4
77.5°	686.8	689.5	689.5	692.1	694.8	697.5	697.5	716.1	729.4	737.4	745.4
75°	857.2	865.2	873.2	881.1	891.8	897.1	905.1	931.7	953.0	969.0	985.0
72.5°	1091.4	1102.1	1115.4	1134.0	1152.7	1166.0	1184.6	1216.6	1240.5	1256.5	1275.1
70°	1493.4	1504.1	1517.4	1530.7	1549.3	1562.6	1581.3	1621.2	1645.2	1655.8	1666.4
67.5°	2089.7	2116.3	2140.3	2113.7	2100.4	2081.7	2087.1	2124.3	2148.3	2164.3	2161.6
65°	2619.5	2638.1	2638.1	2635.4	2624.8	2600.8	2614.1	2659.4	2686.0	2699.3	2659.4
62.5°	3242.4	3242.4	3229.1	3250.4	3253.0	3237.1	3229.1	3231.7	3234.4	3242.4	3175.8
60°	3673.6	3700.3	3708.2	3726.9	3732.2	3732.2	3745.5	3756.2	3756.2	3740.2	3663.0
57.5°	4243.3	4293.9	4304.5	4291.2	4264.6	4230.0	4224.7	4208.7	4176.8	4144.8	4107.6
55°	4818.3	4844.9	4842.3	4834.3	4807.7	4767.7	4773.1	4751.8	4701.2	4661.3	4610.7
52.5°	5396.0	5459.9	5470.5	5454.6	5417.3	5374.7	5377.4	5353.4	5302.8	5260.2	5191.0
50°	6133.4	6186.6	6181.3	6154.7	6101.4	6069.5	6072.2	6026.9	5968.3	5955.0	5864.5
47.5°	6977.3	7038.5	7027.8	6990.6	6918.7	6905.4	6918.7	6860.1	6825.5	6796.2	6689.7
45°	8084.7	8156.5	8116.6	8044.7	7930.3	7943.6	7962.2	7951.6	7877.0	7799.8	7664.1
42.5°	9383.8	9429.0	9381.1	9309.2	9165.5	9192.1	9181.4	9117.5	9072.3	8944.5	8771.5
40°	10773.3	10871.8	10797.3	10685.5	10536.4	10576.4	10547.1	10464.5	10358.1	10198.3	9980.1
37.5°	12272.1	12349.3	12264.1	12133.7	12000.6	11987.2	11928.7	11800.9	11649.2	11473.5	11124.7
35°	13706.9	13906.6	13749.5	13541.9	13379.5	13318.3	13262.4	12966.9	12793.8	12509.0	12032.5
32.5°	14774.4	14920.8	14726.5	14510.9	14313.9	14228.7	14031.7	13680.3	13587.1	12988.2	12551.6
30°	15053.9	15043.3	14841.0	14675.9	14463.0	14404.4	14042.4	13744.2	13446.1	12892.3	12477.1
27.5°	14388.4	14321.9	14127.5	13983.8	13773.5	13704.3	13347.6	13187.8	12727.3	12258.8	11907.4
25°	12905.7	12940.3	12793.8	12722.0	12583.5	12434.5	12293.4	12077.8	11790.3	11380.3	11058.2
22.5°	11737.0	11782.3	11721.0	11635.9	11529.4	11446.8	11340.4	11172.7	10895.8	10642.9	10339.4
20°	11087.5	11074.2	11020.9	10957.0	10855.9	10797.3	10680.2	10539.1	10326.1	10107.8	9780.4
17.5°	10746.7	10664.2	10613.6	10589.7	10536.4	10461.9	10323.5	10179.7	10014.7	9767.1	9527.5
15°	10493.8	10507.1	10467.2	10448.6	10406.0	10302.2	10161.1	10043.9	9820.3	9695.2	9476.9
12.5°	10477.9	10464.5	10467.2	10459.2	10406.0	10272.9	10201.0	10051.9	9908.2	9743.1	9492.9
10°	10666.9	10525.8	10536.4	10573.7	10488.5	10382.0	10304.8	10142.4	10006.7	9796.4	9548.8
7.5°	10656.2	10584.3	10605.6	10544.4	10571.0	10440.6	10334.1	10171.7	10001.3	9777.7	9554.1
5°	10720.1	10611.0	10592.3	10597.6	10531.1	10432.6	10288.9	10134.5	9974.7	9724.5	9495.6
2.5°	10573.7	10589.7	10504.5	10472.5	10464.5	10299.5	10166.4	10017.3	9852.3	9631.3	9426.3
0°	10464.5	10493.8	10406.0	10360.7	10358.1	10217.0	10131.8	9961.4	9844.3	9660.6	9413.0
-2.5°	10406.0	10440.6	10451.2	10368.7	10288.9	10179.7	10036.0	9852.3	9660.6	9447.6	9234.7
-5°	10411.3	10342.1	10312.8	10339.4	10270.2	10161.1	10001.3	9839.0	9650.0	9421.0	9154.8
-7.5°	10201.0	10131.8	10126.5	10113.2	10097.2	9993.4	9860.3	9684.6	9492.9	9279.9	9032.4
-10°	9886.9	9836.3	9823.0	9809.7	9767.1	9705.9	9580.7	9421.0	9248.0	9035.0	8771.5
-12.5°	9538.2	9514.2	9463.6	9429.0	9386.4	9314.5	9194.7	9048.3	8875.3	8686.3	8460.0
-15°	9152.2	9106.9	9056.3	9027.0	8965.8	8880.6	8760.8	8625.1	8436.1	8249.7	8036.8
-17.5°	8686.3	8630.4	8574.5	8566.5	8523.9	8393.5	8281.7	8116.6	7951.6	7773.2	7565.6
-20°	8137.9	8060.7	8023.4	8002.1	7943.6	7847.7	7728.0	7576.2	7416.5	7246.1	7006.5



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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°	7531.0	7464.4	7400.5	7360.6	7310.0	7235.5	7121.0	6987.9	6830.8	6639.2	6418.2
-25°	6841.5	6748.3	6708.4	6663.1	6636.5	6567.3	6455.5	6333.0	6170.6	5984.3	5774.0
-27.5°	6053.5	5979.0	5957.7	5893.8	5861.8	5790.0	5696.8	5582.3	5433.3	5257.6	5084.5
-30°	5183.0	5137.8	5103.2	5039.3	5015.3	4938.1	4876.9	4781.1	4645.3	4520.2	4381.7
-32.5°	4288.6	4243.3	4232.7	4203.4	4187.4	4136.8	4067.6	3998.4	3889.3	3796.1	3684.3
-35°	3495.3	3463.3	3466.0	3463.3	3447.4	3410.1	3324.9	3306.3	3226.4	3141.2	3069.4
-37.5°	2861.7	2864.4	2861.7	2859.0	2837.8	2821.8	2760.6	2736.6	2688.7	2606.2	2563.6
-40°	2385.2	2390.5	2387.9	2382.5	2358.6	2350.6	2310.7	2278.7	2260.1	2201.5	2156.3
-42.5°	1999.2	2007.2	2004.5	2001.9	1985.9	1983.2	1961.9	1924.7	1914.0	1879.4	1831.5
-45°	1706.4	1703.7	1698.4	1703.7	1695.7	1687.7	1674.4	1650.5	1637.2	1621.2	1581.3
-47.5°	1474.8	1477.4	1472.1	1472.1	1461.5	1453.5	1448.2	1432.2	1421.5	1408.2	1384.3
-50°	1283.1	1293.8	1291.1	1288.4	1280.4	1275.1	1275.1	1259.2	1243.2	1237.9	1221.9
-52.5°	1134.0	1142.0	1144.7	1150.0	1152.7	1155.3	1147.3	1131.4	1104.8	1102.1	1094.1
-55°	998.3	1022.2	1038.2	1048.9	1059.5	1067.5	1051.5	1030.2	1003.6	992.9	990.3
-57.5°	905.1	929.1	947.7	963.7	977.0	990.3	974.3	953.0	929.1	915.7	913.1
-60°	819.9	841.2	859.8	881.1	899.8	921.1	913.1	897.1	883.8	873.2	862.5
-62.5°	729.4	750.7	772.0	798.6	822.6	843.9	846.5	843.9	841.2	843.9	825.2
-65°	654.9	665.5	678.8	708.1	734.7	758.7	772.0	780.0	793.3	806.6	788.0
-67.5°	575.0	588.3	604.3	625.6	646.9	662.9	681.5	702.8	724.1	745.4	732.1
-70°	503.1	513.8	527.1	537.7	551.0	561.7	577.7	601.6	625.6	646.9	641.6
-72.5°	428.6	439.2	447.2	452.5	460.5	465.9	473.8	495.1	511.1	521.8	521.8
-75°	354.1	364.7	372.7	375.4	380.7	383.3	388.7	396.6	404.6	407.3	410.0
-77.5°	271.5	282.2	290.2	295.5	300.8	306.1	308.8	314.1	316.8	316.8	319.4
-80°	202.3	210.3	215.6	223.6	226.3	231.6	236.9	239.6	242.2	242.2	244.9
-82.5°	143.8	149.1	154.4	159.7	165.0	167.7	173.0	175.7	178.4	181.0	183.7
-85°	95.8	101.2	106.5	111.8	114.5	117.1	119.8	122.5	125.1	127.8	130.4
-87.5°	55.9	58.6	61.2	66.6	69.2	74.5	77.2	74.5	77.2	77.2	77.2
-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°	103.8	103.8	103.8	103.8	101.2	95.8	93.2	87.8	82.5	77.2	71.9
85°	215.6	218.3	218.3	218.3	213.0	210.3	202.3	194.3	183.7	167.7	154.4
82.5°	359.4	362.0	362.0	359.4	354.1	346.1	335.4	322.1	300.8	279.5	260.9
80°	540.4	543.1	543.1	540.4	527.1	513.8	500.5	484.5	457.9	428.6	396.6
77.5°	756.0	761.3	761.3	753.4	734.7	718.8	697.5	670.8	630.9	588.3	545.7
75°	1006.3	1019.6	1022.2	1014.2	990.3	961.0	926.4	881.1	819.9	766.7	716.1
72.5°	1296.4	1309.7	1320.4	1309.7	1275.1	1235.2	1184.6	1131.4	1070.1	998.3	913.1
70°	1677.1	1690.4	1698.4	1663.8	1602.6	1536.0	1474.8	1413.6	1341.7	1253.8	1160.7
67.5°	2156.3	2143.0	2127.0	2057.8	1980.6	1900.7	1815.5	1725.0	1631.8	1538.7	1429.5
65°	2616.8	2579.5	2544.9	2462.4	2363.9	2260.1	2161.6	2060.4	1948.6	1831.5	1727.7
62.5°	3101.3	3021.4	2936.2	2835.1	2733.9	2619.5	2521.0	2401.2	2276.1	2132.3	1999.2
60°	3577.8	3482.0	3396.8	3271.7	3138.6	2984.2	2877.7	2760.6	2614.1	2459.7	2302.7
57.5°	4038.3	3934.5	3841.3	3732.2	3588.5	3420.7	3303.6	3151.9	2997.5	2803.1	2643.4
55°	4528.2	4424.3	4349.8	4227.3	4070.3	3915.9	3788.1	3628.4	3412.8	3205.1	3008.1
52.5°	5089.9	5007.3	4927.5	4802.4	4613.3	4456.3	4315.2	4136.8	3910.6	3655.0	3418.1
50°	5718.1	5675.5	5590.3	5443.9	5228.3	5089.9	4903.5	4666.6	4424.3	4155.5	3860.0
47.5°	6551.3	6482.1	6362.3	6202.6	6021.6	5813.9	5563.7	5286.8	4943.4	4645.3	4331.2
45°	7546.9	7419.2	7264.8	7049.1	6825.5	6591.3	6317.1	5965.7	5505.1	5116.5	4786.4
42.5°	8625.1	8452.0	8241.7	7959.6	7669.4	7381.9	7086.4	6607.2	6032.2	5585.0	5212.3
40°	9751.1	9530.2	9266.6	8856.7	8534.6	8164.5	7826.4	7110.4	6498.1	6013.6	5616.9
37.5°	10853.2	10573.7	10131.8	9634.0	9258.6	8955.2	8212.4	7445.8	6897.4	6365.0	5963.0
35°	11697.1	11460.2	10680.2	10163.7	9841.6	9362.5	8433.4	7648.1	7067.8	6625.9	6000.3
32.5°	12197.5	11585.3	10901.1	10379.4	10113.2	9327.8	8449.4	7706.7	7147.6	6652.5	5904.4
30°	12085.7	11345.7	10746.7	10310.1	9732.5	9027.0	8300.3	7616.1	7073.1	6474.1	5798.0
27.5°	11412.2	10839.9	10304.8	9849.6	9282.6	8649.0	7978.2	7376.6	6870.8	6290.4	5651.5
25°	10650.9	10131.8	9735.1	9338.5	8800.8	8196.5	7605.5	7171.6	6663.1	6090.8	5459.9
22.5°	9950.8	9578.1	9266.6	8851.3	8326.9	7799.8	7432.5	6982.6	6460.8	5880.5	5262.9
20°	9503.5	9250.6	8893.9	8436.1	8023.4	7693.3	7286.1	6809.5	6271.8	5664.9	5095.2
17.5°	9287.9	8995.1	8598.4	8300.3	7983.5	7621.5	7166.3	6660.5	6088.1	5566.4	5113.8
15°	9176.1	8867.3	8606.4	8313.6	7956.9	7576.2	7070.4	6546.0	6088.1	5606.3	5127.1
12.5°	9200.1	8933.9	8649.0	8329.6	7946.2	7538.9	7081.1	6593.9	6120.1	5635.6	5129.8
10°	9274.6	8995.1	8691.6	8337.6	7951.6	7549.6	7110.4	6623.2	6136.0	5648.9	5124.5
7.5°	9301.2	8997.8	8673.0	8316.3	7938.3	7544.3	7115.7	6631.2	6138.7	5646.2	5108.5
5°	9218.7	8944.5	8630.4	8271.0	7901.0	7517.6	7094.4	6620.5	6117.4	5619.6	5068.6
2.5°	9106.9	8885.9	8585.1	8239.1	7863.7	7480.4	7059.8	6572.6	6069.5	5571.7	5018.0
0°	9088.3	8814.1	8510.6	8201.8	7802.5	7397.9	6979.9	6482.1	5981.6	5481.2	4930.1
-2.5°	8965.8	8675.6	8372.2	8036.8	7685.4	7278.1	6838.8	6351.7	5856.5	5364.0	4834.3
-5°	8872.6	8550.5	8228.4	7866.4	7512.3	7105.0	6649.8	6176.0	5691.5	5212.3	4701.2
-7.5°	8747.5	8417.4	8079.3	7701.3	7318.0	6902.7	6452.8	5979.0	5502.5	5026.0	4536.1
-10°	8494.6	8204.5	7887.7	7496.4	7091.7	6676.4	6229.2	5763.4	5286.8	4805.0	4312.5
-12.5°	8188.5	7882.4	7536.3	7176.9	6814.9	6428.9	5981.6	5523.8	5044.6	4560.1	4070.3
-15°	7791.8	7491.0	7137.0	6785.6	6436.9	6066.8	5672.8	5260.2	4773.1	4296.6	3806.7
-17.5°	7296.7	7014.5	6697.7	6362.3	6016.2	5643.6	5260.2	4911.5	4456.3	4009.1	3524.6
-20°	6764.3	6500.7	6215.9	5899.1	5553.1	5188.3	4826.3	4461.6	4067.6	3673.6	3223.8



REPORT NUMBER: P722027
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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°	6210.6	5944.4	5656.9	5361.4	5041.9	4703.9	4368.4	4019.7	3673.6	3316.9	2936.2
-25°	5571.7	5337.4	5073.9	4786.4	4501.5	4206.1	3886.6	3569.8	3274.3	2965.5	2654.1
-27.5°	4903.5	4687.9	4448.3	4198.1	3953.2	3705.6	3428.7	3135.9	2891.0	2635.4	2377.2
-30°	4200.7	4027.7	3833.4	3615.1	3426.1	3226.4	2994.8	2752.6	2529.0	2334.6	2127.0
-32.5°	3535.2	3388.8	3250.4	3106.6	2920.3	2765.9	2606.2	2427.8	2230.8	2047.1	1898.0
-35°	2962.9	2805.8	2747.2	2640.8	2507.7	2371.9	2254.8	2127.0	1977.9	1815.5	1693.1
-37.5°	2481.0	2387.9	2305.3	2246.8	2158.9	2049.8	1956.6	1863.4	1749.0	1626.5	1504.1
-40°	2105.7	2041.8	1951.3	1922.0	1866.1	1791.6	1695.7	1623.9	1546.7	1453.5	1349.7
-42.5°	1804.9	1757.0	1698.4	1647.8	1623.9	1570.6	1496.1	1426.9	1365.6	1301.7	1221.9
-45°	1557.3	1525.4	1488.1	1442.8	1424.2	1381.6	1328.4	1251.2	1216.6	1163.3	1104.8
-47.5°	1357.6	1341.7	1315.1	1285.8	1259.2	1227.2	1179.3	1131.4	1083.5	1048.9	1003.6
-50°	1200.6	1189.9	1174.0	1150.0	1115.4	1094.1	1062.2	1019.6	974.3	945.0	913.1
-52.5°	1075.5	1064.8	1054.2	1035.5	1008.9	987.6	961.0	926.4	889.1	859.8	833.2
-55°	979.6	963.7	955.7	939.7	918.4	894.5	870.5	846.5	814.6	788.0	761.3
-57.5°	905.1	883.8	873.2	859.8	838.5	814.6	796.0	772.0	750.7	721.4	697.5
-60°	846.5	822.6	801.3	788.0	769.3	745.4	726.7	708.1	686.8	662.9	633.6
-62.5°	798.6	769.3	740.1	724.1	705.4	684.1	665.5	646.9	625.6	601.6	575.0
-65°	753.4	718.8	681.5	665.5	646.9	625.6	601.6	588.3	569.7	548.4	521.8
-67.5°	697.5	660.2	628.2	609.6	591.0	572.3	551.0	537.7	519.1	492.5	465.9
-70°	614.9	591.0	569.7	553.7	537.7	521.8	500.5	479.2	457.9	433.9	410.0
-72.5°	511.1	503.1	500.5	492.5	473.8	455.2	433.9	412.6	394.0	375.4	356.7
-75°	412.6	417.9	423.3	420.6	402.0	383.3	364.7	346.1	332.8	316.8	300.8
-77.5°	327.4	332.8	338.1	338.1	324.8	314.1	300.8	287.5	276.9	263.5	247.6
-80°	252.9	260.9	268.9	274.2	263.5	255.6	244.9	234.3	223.6	213.0	202.3
-82.5°	191.7	199.7	207.6	213.0	205.0	199.7	191.7	183.7	175.7	165.0	157.1
-85°	138.4	143.8	149.1	151.7	146.4	141.1	135.8	130.4	125.1	117.1	111.8
-87.5°	79.9	82.5	85.2	87.8	82.5	77.2	74.5	69.2	66.6	61.2	58.6
-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):

	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°	66.6	61.2	55.9	53.2	47.9	39.9	34.6	29.3	24.0	18.6	16.0
85°	141.1	127.8	111.8	103.8	93.2	82.5	71.9	61.2	50.6	39.9	29.3
82.5°	242.2	226.3	210.3	191.7	167.7	138.4	109.1	90.5	74.5	58.6	45.3
80°	364.7	335.4	308.8	284.8	258.2	221.0	181.0	143.8	101.2	77.2	58.6
77.5°	505.8	471.2	433.9	394.0	351.4	300.8	255.6	207.6	157.1	106.5	74.5
75°	665.5	620.3	569.7	513.8	457.9	391.3	327.4	271.5	213.0	149.1	90.5
72.5°	843.9	788.0	726.7	652.2	564.4	487.2	410.0	335.4	266.2	189.0	122.5
70°	1072.8	985.0	894.5	814.6	702.8	580.3	489.8	404.6	316.8	231.6	154.4
67.5°	1317.7	1211.2	1102.1	985.0	843.9	700.1	569.7	473.8	370.0	271.5	183.7
65°	1583.9	1450.8	1312.4	1182.0	987.6	817.3	670.8	540.4	420.6	308.8	213.0
62.5°	1858.1	1701.1	1541.3	1371.0	1147.3	937.0	766.7	614.9	468.5	343.4	239.6
60°	2150.9	1967.3	1772.9	1560.0	1299.1	1067.5	857.2	692.1	519.1	378.0	268.9
57.5°	2459.7	2260.1	2031.1	1743.6	1456.1	1192.6	961.0	761.3	564.4	410.0	290.2
55°	2795.2	2566.2	2316.0	1935.3	1610.5	1317.7	1064.8	830.6	612.3	436.6	311.5
52.5°	3157.2	2891.0	2574.2	2137.6	1772.9	1445.5	1160.7	891.8	657.5	465.9	330.1
50°	3561.8	3226.4	2800.5	2324.0	1914.0	1565.3	1256.5	958.3	694.8	497.8	346.1
47.5°	3982.4	3620.4	3002.8	2497.0	2057.8	1682.4	1355.0	1016.9	732.1	524.4	362.0
45°	4421.7	3894.6	3213.1	2651.4	2182.9	1788.9	1429.5	1070.1	777.3	548.4	375.4
42.5°	4855.6	4102.2	3396.8	2805.8	2300.0	1884.7	1490.8	1120.7	814.6	572.3	388.7
40°	5060.6	4259.3	3543.2	2912.3	2398.5	1969.9	1544.0	1166.0	846.5	588.3	402.0
37.5°	5145.8	4355.1	3639.0	3013.4	2475.7	2015.2	1589.2	1205.9	873.2	604.3	412.6
35°	5164.4	4389.7	3686.9	3082.7	2539.6	2057.8	1623.9	1235.2	894.5	620.3	423.3
32.5°	5129.8	4379.1	3700.3	3106.6	2579.5	2089.7	1647.8	1256.5	910.4	636.2	433.9
30°	5052.6	4323.2	3652.3	3104.0	2608.8	2108.3	1663.8	1272.5	926.4	646.9	439.2
27.5°	4927.5	4224.7	3591.1	3106.6	2624.8	2116.3	1671.8	1280.4	937.0	654.9	449.9
25°	4773.1	4091.6	3593.8	3101.3	2627.5	2119.0	1671.8	1280.4	939.7	657.5	457.9
22.5°	4594.7	4091.6	3593.8	3093.3	2611.5	2113.7	1663.8	1275.1	939.7	662.9	465.9
20°	4605.4	4094.2	3585.8	3077.3	2587.5	2097.7	1645.2	1261.8	931.7	670.8	471.2
17.5°	4613.3	4088.9	3569.8	3056.0	2555.6	2071.1	1621.2	1243.2	931.7	678.8	473.8
15°	4613.3	4072.9	3545.9	3024.1	2515.6	2033.8	1586.6	1227.2	934.4	681.5	479.2
12.5°	4605.4	4043.7	3508.6	2981.5	2467.7	1988.6	1565.3	1221.9	934.4	684.1	479.2
10°	4589.4	4003.7	3460.7	2928.3	2422.5	1972.6	1554.6	1211.2	929.1	684.1	479.2
7.5°	4560.1	3955.8	3420.7	2896.3	2395.9	1953.9	1538.7	1195.3	921.1	678.8	484.5
5°	4514.8	3929.2	3388.8	2859.0	2358.6	1940.6	1528.0	1182.0	915.7	678.8	479.2
2.5°	4456.3	3897.3	3351.5	2811.1	2316.0	1895.4	1493.4	1152.7	897.1	668.2	473.8
0°	4360.4	3833.4	3287.6	2744.6	2257.4	1850.1	1458.8	1123.4	878.5	657.5	468.5
-2.5°	4272.6	3748.2	3205.1	2675.4	2201.5	1810.2	1432.2	1107.4	870.5	654.9	465.9
-5°	4150.1	3631.0	3096.0	2584.9	2127.0	1770.3	1405.6	1088.8	862.5	649.5	465.9
-7.5°	4014.4	3508.6	2981.5	2491.7	2052.4	1701.1	1355.0	1059.5	843.9	638.9	463.2
-10°	3804.1	3324.9	2837.8	2385.2	1972.6	1639.8	1312.4	1032.9	827.9	628.2	452.5
-12.5°	3580.5	3122.6	2672.7	2254.8	1882.1	1575.9	1264.5	1003.6	809.3	617.6	447.2
-15°	3343.5	2915.0	2499.7	2119.0	1783.6	1498.7	1213.9	971.7	790.6	604.3	439.2
-17.5°	3096.0	2696.7	2321.3	1980.6	1685.1	1418.9	1160.7	942.4	769.3	591.0	431.3
-20°	2835.1	2473.1	2140.3	1839.5	1581.3	1339.0	1104.8	907.8	745.4	575.0	420.6



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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°	2576.9	2252.1	1953.9	1701.1	1474.8	1256.5	1048.9	873.2	718.8	556.4	412.6
-25°	2347.9	2044.5	1788.9	1568.0	1371.0	1176.6	990.3	838.5	689.5	537.7	402.0
-27.5°	2124.3	1866.1	1626.5	1442.8	1269.8	1099.4	934.4	801.3	660.2	516.4	391.3
-30°	1916.7	1695.7	1498.7	1320.4	1174.0	1030.2	886.5	764.0	628.2	495.1	378.0
-32.5°	1727.7	1549.3	1384.3	1213.9	1083.5	961.0	841.2	726.7	596.3	473.8	364.7
-35°	1552.0	1413.6	1269.8	1126.1	992.9	897.1	793.3	686.8	567.0	449.9	351.4
-37.5°	1394.9	1283.1	1168.6	1046.2	931.7	835.9	748.0	646.9	537.7	428.6	338.1
-40°	1259.2	1168.6	1067.5	969.0	873.2	782.6	702.8	606.9	508.5	412.6	324.8
-42.5°	1134.0	1064.8	982.3	899.8	814.6	734.7	657.5	564.4	479.2	394.0	311.5
-45°	1038.2	969.0	902.4	827.9	756.0	686.8	609.6	527.1	452.5	372.7	298.2
-47.5°	947.7	886.5	825.2	764.0	705.4	641.6	564.4	495.1	423.3	354.1	287.5
-50°	867.8	809.3	756.0	702.8	652.2	591.0	519.1	463.2	399.3	335.4	274.2
-52.5°	793.3	742.7	689.5	646.9	604.3	543.1	484.5	431.3	375.4	314.1	260.9
-55°	726.7	678.8	630.9	591.0	551.0	497.8	449.9	404.6	351.4	298.2	247.6
-57.5°	662.9	622.9	577.7	540.4	500.5	457.9	417.9	375.4	327.4	282.2	234.3
-60°	604.3	567.0	527.1	489.8	455.2	420.6	383.3	348.7	306.1	263.5	221.0
-62.5°	545.7	513.8	479.2	441.9	415.3	383.3	354.1	319.4	284.8	247.6	197.0
-65°	492.5	463.2	431.3	399.3	375.4	351.4	324.8	292.8	263.5	228.9	175.7
-67.5°	439.2	412.6	386.0	359.4	338.1	319.4	292.8	268.9	244.9	207.6	154.4
-70°	388.7	367.4	343.4	322.1	306.1	284.8	266.2	244.9	223.6	181.0	130.4
-72.5°	340.7	319.4	300.8	284.8	271.5	252.9	236.9	221.0	191.7	151.7	109.1
-75°	284.8	271.5	260.9	247.6	234.3	221.0	207.6	189.0	159.7	122.5	85.2
-77.5°	234.3	226.3	218.3	207.6	197.0	186.3	170.4	151.7	127.8	95.8	69.2
-80°	191.7	183.7	178.4	167.7	159.7	149.1	133.1	117.1	93.2	74.5	55.9
-82.5°	146.4	141.1	135.8	130.4	122.5	111.8	95.8	82.5	69.2	55.9	42.6
-85°	103.8	101.2	95.8	90.5	82.5	74.5	63.9	55.9	47.9	37.3	29.3
-87.5°	53.2	50.6	47.9	45.3	42.6	37.3	31.9	26.6	24.0	18.6	13.3
-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°	10.6	8.0	2.7	0.0
85°	21.3	13.3	5.3	0.0
82.5°	31.9	21.3	8.0	0.0
80°	42.6	26.6	13.3	0.0
77.5°	53.2	31.9	16.0	0.0
75°	63.9	39.9	18.6	0.0
72.5°	71.9	45.3	21.3	0.0
70°	85.2	53.2	24.0	0.0
67.5°	106.5	58.6	26.6	0.0
65°	125.1	63.9	29.3	0.0
62.5°	146.4	69.2	31.9	0.0
60°	165.0	74.5	34.6	0.0
57.5°	183.7	87.8	37.3	0.0
55°	199.7	98.5	39.9	0.0
52.5°	218.3	109.1	42.6	0.0
50°	234.3	119.8	45.3	0.0
47.5°	247.6	130.4	45.3	0.0
45°	258.2	138.4	47.9	0.0
42.5°	266.2	146.4	50.6	0.0
40°	274.2	154.4	53.2	0.0
37.5°	282.2	162.4	53.2	0.0
35°	290.2	170.4	55.9	0.0
32.5°	298.2	178.4	55.9	0.0
30°	303.5	183.7	58.6	0.0
27.5°	311.5	189.0	58.6	0.0
25°	314.1	194.3	61.2	0.0
22.5°	319.4	197.0	61.2	0.0
20°	324.8	202.3	61.2	0.0
17.5°	327.4	205.0	63.9	0.0
15°	327.4	207.6	66.6	0.0
12.5°	330.1	210.3	66.6	0.0
10°	330.1	215.6	63.9	0.0
7.5°	335.4	213.0	63.9	0.0
5°	332.8	213.0	63.9	0.0
2.5°	330.1	210.3	63.9	0.0
0°	327.4	210.3	63.9	0.0
-2.5°	327.4	210.3	63.9	0.0
-5°	327.4	210.3	63.9	0.0
-7.5°	324.8	213.0	63.9	0.0
-10°	319.4	213.0	63.9	0.0
-12.5°	316.8	205.0	63.9	0.0
-15°	314.1	202.3	63.9	0.0
-17.5°	308.8	199.7	61.2	0.0
-20°	303.5	197.0	61.2	0.0



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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	298.2	191.7	61.2	0.0
-25°	292.8	186.3	58.6	0.0
-27.5°	287.5	181.0	58.6	0.0
-30°	279.5	175.7	55.9	0.0
-32.5°	271.5	170.4	55.9	0.0
-35°	266.2	162.4	53.2	0.0
-37.5°	258.2	154.4	53.2	0.0
-40°	250.2	146.4	50.6	0.0
-42.5°	242.2	138.4	47.9	0.0
-45°	231.6	130.4	47.9	0.0
-47.5°	223.6	122.5	45.3	0.0
-50°	210.3	111.8	42.6	0.0
-52.5°	194.3	101.2	39.9	0.0
-55°	178.4	93.2	37.3	0.0
-57.5°	162.4	82.5	37.3	0.0
-60°	146.4	71.9	34.6	0.0
-62.5°	130.4	66.6	31.9	0.0
-65°	114.5	61.2	29.3	0.0
-67.5°	95.8	53.2	26.6	0.0
-70°	79.9	47.9	24.0	0.0
-72.5°	69.2	42.6	21.3	0.0
-75°	58.6	37.3	18.6	0.0
-77.5°	50.6	31.9	16.0	0.0
-80°	39.9	24.0	10.6	0.0
-82.5°	29.3	18.6	8.0	0.0
-85°	18.6	13.3	5.3	0.0
-87.5°	10.6	5.3	2.7	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)