

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: P722410

Luminaire Tested: **IFLD-M-SA4B-727-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722410
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4B-727-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (64) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	19530.9 lumens	Max Intensity:	13634.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	117.6 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	12459.9 lumens	Field Lumens:	18413.3 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

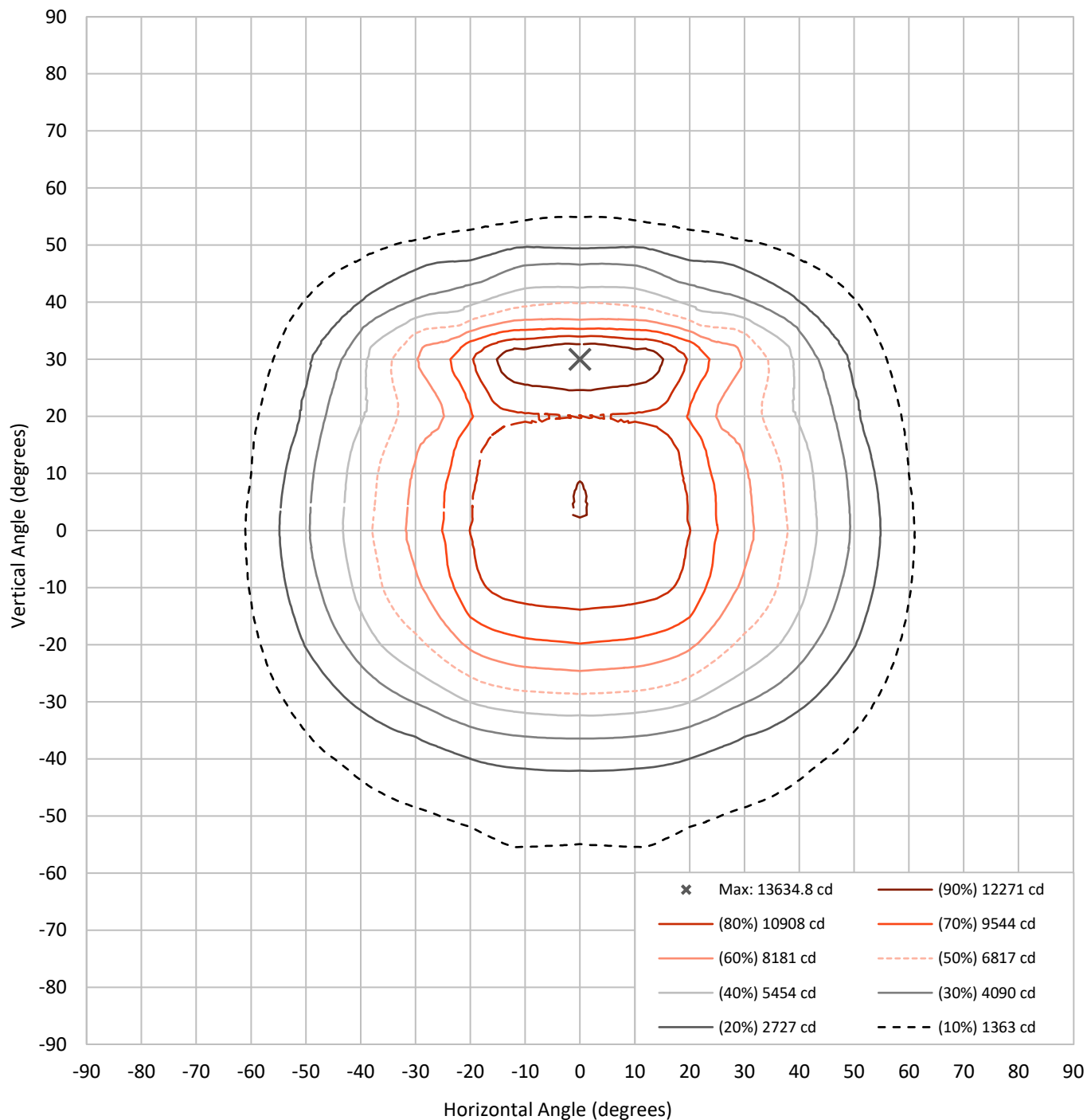
Input Watts (W): 166.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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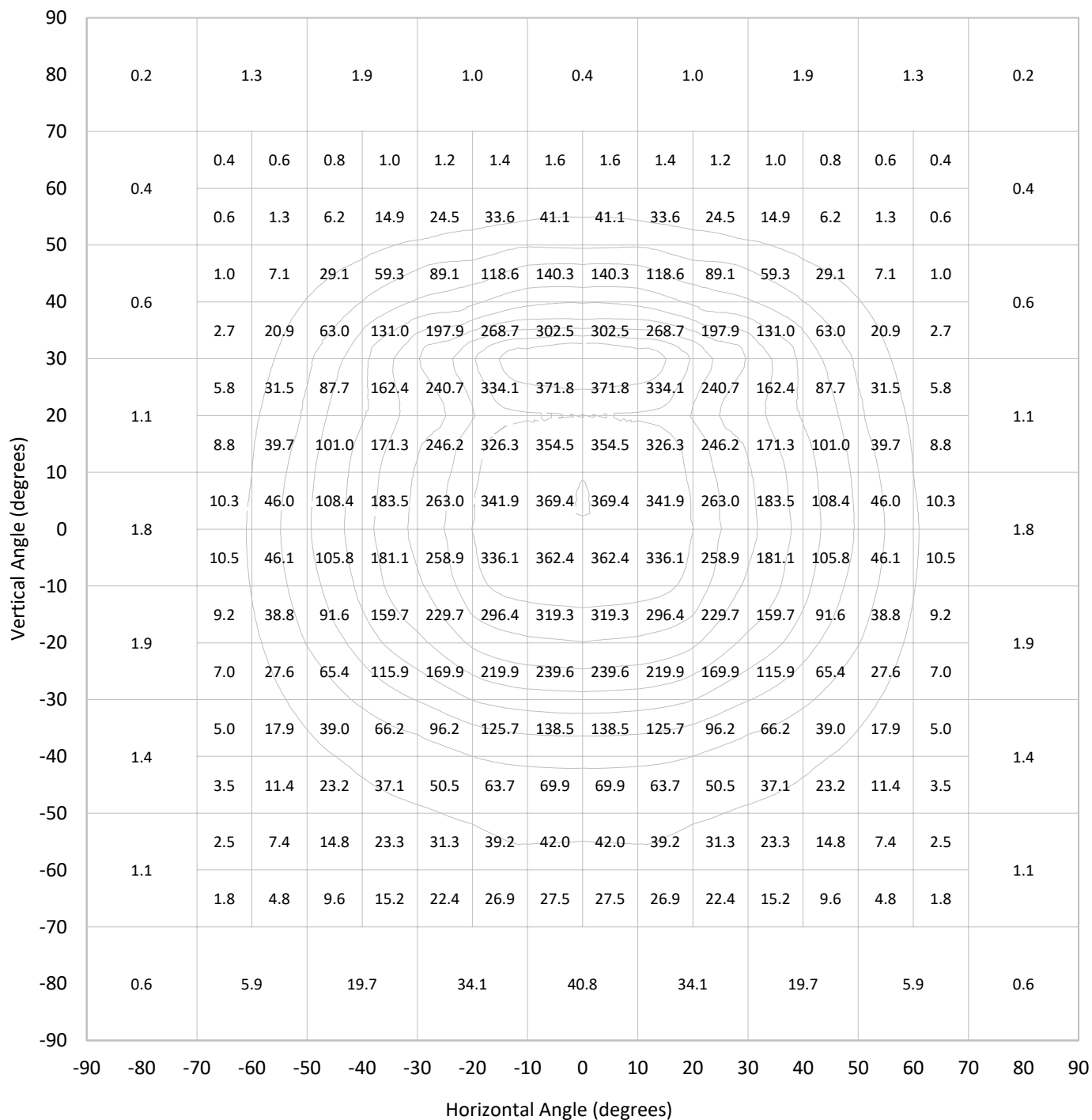
Iso-Candela Plot



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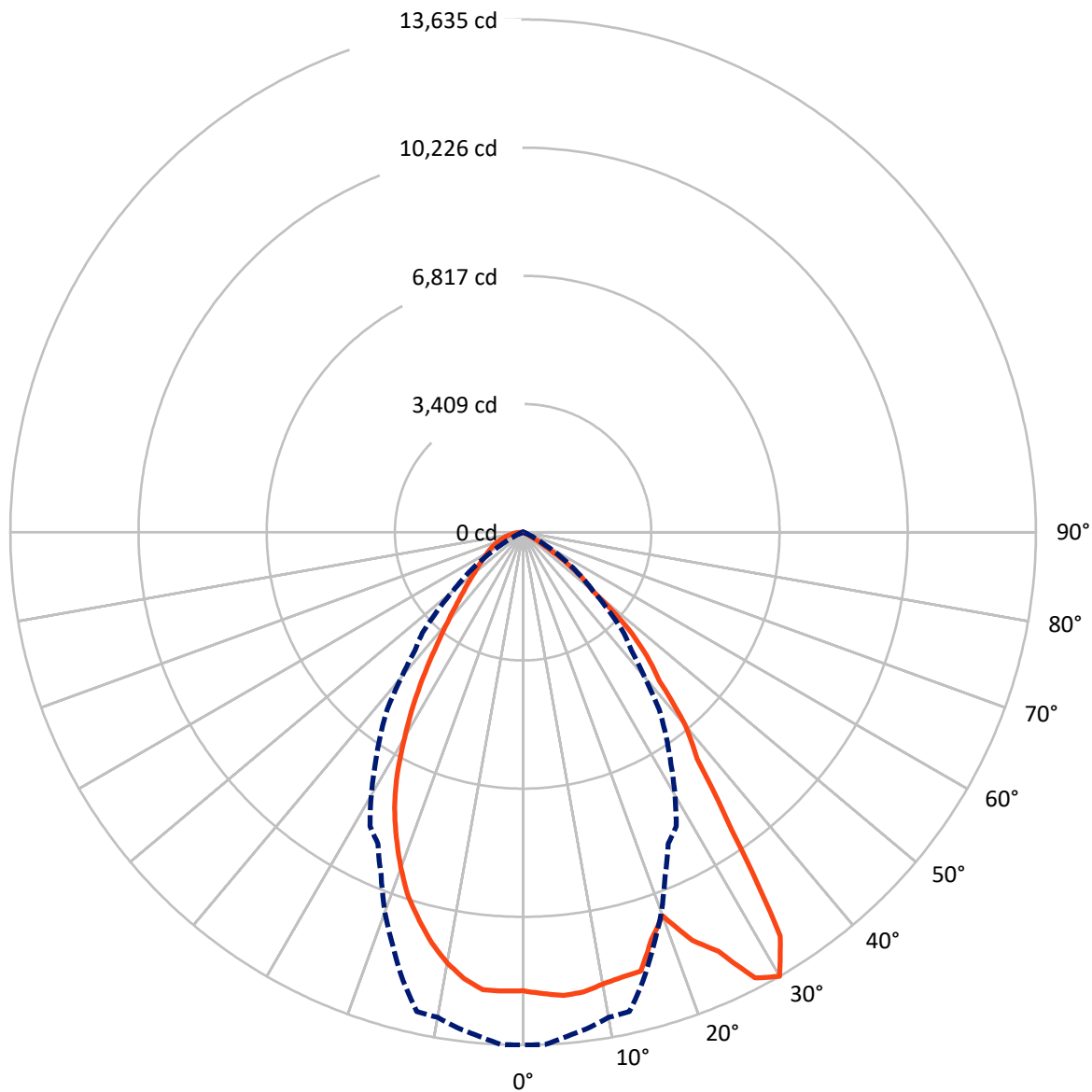
Lumen Table



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Luminous Intensity Polar Plot



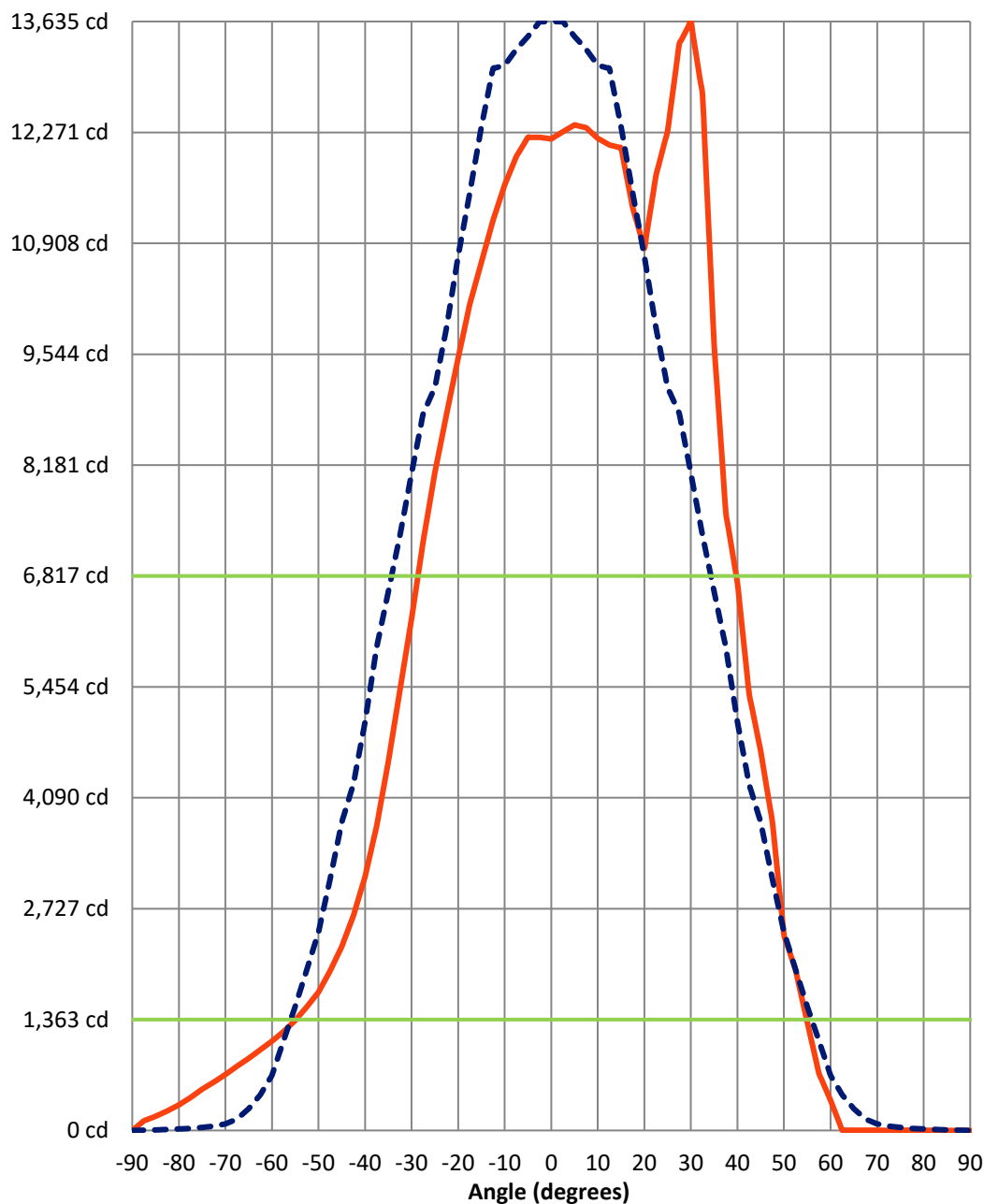
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 12459.9

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 18413.3

Efficiency: 94.3%

Spill:

Lumens: 1117.6

Efficiency: 5.7%

— 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°	0.0	0.0	0.0	0.0	3.1	3.1	3.1	3.1	3.1	3.1	3.1
85°	0.0	3.1	3.1	3.1	6.2	6.2	6.2	6.2	6.2	6.2	9.3
82.5°	0.0	3.1	3.1	3.1	6.2	6.2	6.2	6.2	9.3	9.3	12.4
80°	3.1	3.1	3.1	3.1	6.2	6.2	6.2	9.3	9.3	12.4	12.4
77.5°	3.1	3.1	3.1	6.2	6.2	6.2	9.3	9.3	12.4	12.4	15.5
75°	3.1	3.1	3.1	6.2	6.2	9.3	9.3	9.3	12.4	12.4	15.5
72.5°	0.0	3.1	3.1	6.2	6.2	9.3	9.3	9.3	12.4	12.4	12.4
70°	3.1	3.1	3.1	6.2	6.2	9.3	9.3	9.3	12.4	12.4	12.4
67.5°	3.1	3.1	3.1	6.2	6.2	9.3	9.3	12.4	12.4	12.4	15.5
65°	3.1	3.1	3.1	6.2	9.3	9.3	12.4	15.5	15.5	18.7	21.8
62.5°	3.1	6.2	6.2	9.3	12.4	15.5	34.2	52.9	52.9	37.3	31.1
60°	370.0	401.1	398.0	360.7	314.1	264.3	255.0	245.6	227.0	199.0	208.3
57.5°	702.7	740.0	755.6	746.3	721.4	677.9	653.0	625.0	587.7	544.1	494.4
55°	1330.8	1346.4	1312.2	1246.9	1175.4	1103.8	1079.0	1041.7	985.7	929.7	855.1
52.5°	1968.3	2021.1	2005.6	1940.3	1843.9	1716.4	1576.5	1467.6	1402.3	1340.2	1265.5
50°	2403.6	2425.3	2468.9	2546.6	2574.6	2487.5	2260.5	1968.3	1759.9	1865.6	1784.8
47.5°	3793.5	3902.3	3880.5	3824.6	3731.3	3495.0	3177.8	2916.6	2699.0	2627.5	2639.9
45°	4661.0	4704.5	4689.0	4664.1	4620.6	4399.8	4048.5	3647.3	3445.2	3364.4	3280.4
42.5°	5373.1	5419.7	5429.0	5432.1	5385.5	5183.4	4866.2	4465.1	4263.0	4029.8	3846.3
40°	6731.9	6800.3	6722.5	6619.9	6464.5	6234.4	5923.4	5553.4	5195.8	4909.8	4692.1
37.5°	7599.4	7683.4	7714.5	7708.2	7674.0	7574.5	7192.1	6840.7	6293.5	5652.9	5768.0
35°	9657.8	9744.9	9720.0	9626.7	9577.0	9471.3	9098.1	8681.5	7994.3	7297.8	7111.2
32.5°	12726.8	12916.5	12562.0	12173.4	11933.9	12017.9	11638.5	10618.6	10301.5	9045.3	8463.8
30°	13634.8	13631.7	13451.3	13292.7	13096.8	13056.4	12341.3	11526.6	10749.2	9869.3	9135.5
27.5°	13358.0	13302.1	13149.7	13034.7	12851.2	12754.8	12055.2	11408.4	10509.8	9723.1	9014.2
25°	12291.5	12335.0	12179.6	12157.8	12086.3	11899.7	11551.5	10823.9	10021.6	9151.0	8641.1
22.5°	11741.1	11725.6	11539.0	11430.2	11517.3	11318.3	11178.3	10444.5	9608.1	8874.3	8261.7
20°	10845.6	10848.7	10802.1	10792.8	10739.9	10649.7	10537.8	10018.5	9427.7	8799.6	8062.7
17.5°	11346.2	11473.7	11529.7	11066.4	11197.0	11094.4	10976.2	10251.7	9807.1	9250.5	8289.7
15°	12080.1	12033.4	11977.5	11952.6	11881.1	11784.7	11570.1	10991.8	10226.9	9651.6	8902.2
12.5°	12117.4	12027.2	12005.4	12002.3	11927.7	11794.0	11585.7	11106.8	10429.0	9729.4	9119.9
10°	12198.2	12104.9	12092.5	12108.1	11993.0	11909.1	11700.7	11256.1	10491.2	9863.1	9287.8
7.5°	12328.8	12173.4	12244.9	12198.2	12145.4	12011.7	11787.8	11352.5	10718.1	10040.3	9437.1
5°	12363.0	12192.0	12269.7	12226.2	12148.5	12017.9	11775.3	11414.7	10858.1	10111.8	9496.1
2.5°	12279.1	12229.3	12195.1	12114.3	12080.1	11937.0	11706.9	11321.4	10792.8	10080.7	9483.7
0°	12192.0	12235.5	12157.8	12077.0	12061.4	11946.4	11750.5	11402.2	10945.1	10167.8	9589.4
-2.5°	12210.7	12176.5	12123.6	12039.6	11958.8	11794.0	11616.8	11290.3	10799.0	9978.1	9440.2
-5°	12210.7	12052.1	12058.3	12061.4	11980.6	11809.5	11595.0	11318.3	10711.9	9975.0	9396.6
-7.5°	11974.3	11837.5	11815.8	11797.1	11775.3	11616.8	11448.9	11103.7	10565.8	9894.2	9275.4
-10°	11626.1	11492.4	11504.8	11476.8	11408.4	11302.7	11175.2	10864.3	10422.8	9639.2	9029.7
-12.5°	11190.8	11131.7	11097.5	11050.9	10982.4	10889.2	10758.6	10466.3	9993.7	9325.1	8746.8
-15°	10674.6	10631.1	10600.0	10572.0	10472.5	10376.1	10205.1	9934.6	9639.2	8920.9	8330.1
-17.5°	10158.5	10049.6	10006.1	9968.8	9903.5	9748.0	9592.5	9390.4	8976.9	8407.9	7901.0
-20°	9496.1	9430.8	9378.0	9328.2	9235.0	9113.7	8986.2	8753.0	8395.4	7935.2	7409.7

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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°	8802.7	8765.4	8721.9	8659.7	8597.5	8482.5	8305.2	8081.4	7801.5	7304.0	6812.7
-25°	8087.6	8016.1	7963.2	7904.1	7854.4	7748.7	7577.6	7363.1	7011.7	6582.6	6172.2
-27.5°	7244.9	7176.5	7148.5	7080.1	7036.6	6940.2	6769.2	6570.2	6253.0	5892.3	5475.7
-30°	6293.5	6305.9	6274.8	6209.5	6156.6	6032.3	5901.7	5733.8	5485.0	5139.9	4766.7
-32.5°	5413.5	5429.0	5391.7	5323.3	5254.9	5164.7	5043.5	4891.1	4704.5	4374.9	4051.6
-35°	4533.5	4527.3	4496.2	4455.8	4409.1	4334.5	4197.7	4082.7	3868.1	3638.0	3414.1
-37.5°	3743.7	3759.3	3750.0	3728.2	3675.3	3613.1	3501.2	3395.5	3236.9	3034.8	2860.7
-40°	3118.7	3137.4	3125.0	3103.2	3056.6	3019.2	2944.6	2851.3	2723.8	2549.7	2403.6
-42.5°	2639.9	2652.3	2636.8	2618.1	2577.7	2549.7	2490.6	2412.9	2307.2	2173.5	2042.9
-45°	2260.5	2263.7	2248.1	2235.7	2204.6	2170.4	2120.6	2058.4	1974.5	1881.2	1775.5
-47.5°	1962.0	1958.9	1943.4	1930.9	1906.1	1875.0	1834.6	1778.6	1713.3	1641.8	1557.8
-50°	1700.8	1716.4	1710.2	1697.7	1679.1	1657.3	1616.9	1557.8	1492.5	1439.7	1380.6
-52.5°	1520.5	1523.6	1520.5	1520.5	1517.4	1501.8	1455.2	1396.1	1324.6	1278.0	1228.2
-55°	1352.6	1368.1	1374.4	1380.6	1383.7	1383.7	1327.7	1265.5	1197.1	1150.5	1113.2
-57.5°	1215.8	1225.1	1231.3	1246.9	1259.3	1268.6	1218.9	1162.9	1110.1	1066.5	1032.3
-60°	1097.6	1110.1	1119.4	1134.9	1144.3	1150.5	1119.4	1082.1	1051.0	1023.0	973.2
-62.5°	991.9	1001.2	1010.6	1019.9	1029.2	1035.4	1023.0	1004.3	988.8	976.4	914.2
-65°	886.2	895.5	904.8	917.3	926.6	932.8	929.7	917.3	904.8	892.4	836.4
-67.5°	789.8	799.1	811.6	814.7	820.9	824.0	817.8	808.4	792.9	777.4	733.8
-70°	687.2	693.4	699.6	699.6	699.6	696.5	690.3	677.9	662.3	640.5	606.3
-72.5°	593.9	600.1	606.3	597.0	590.8	581.5	572.1	556.6	541.0	525.5	506.8
-75°	506.8	509.9	509.9	497.5	488.2	478.8	466.4	457.1	441.5	429.1	413.6
-77.5°	404.2	404.2	404.2	394.9	388.7	382.5	373.1	363.8	351.4	342.0	329.6
-80°	314.1	314.1	314.1	310.9	301.6	295.4	289.2	283.0	273.6	267.4	261.2
-82.5°	239.4	239.4	239.4	236.3	230.1	227.0	220.8	214.5	211.4	205.2	202.1
-85°	174.1	177.2	177.2	174.1	171.0	164.8	161.7	158.6	155.5	152.4	146.1
-87.5°	118.2	118.2	118.2	115.0	111.9	111.9	108.8	102.6	96.4	93.3	90.2
-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°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
85°	9.3	9.3	9.3	12.4	12.4	12.4	12.4	12.4	12.4	12.4	9.3
82.5°	15.5	15.5	18.7	18.7	21.8	21.8	21.8	21.8	21.8	21.8	21.8
80°	15.5	18.7	21.8	24.9	28.0	31.1	31.1	31.1	31.1	28.0	28.0
77.5°	18.7	18.7	21.8	24.9	28.0	31.1	34.2	37.3	34.2	34.2	34.2
75°	18.7	21.8	21.8	24.9	28.0	31.1	34.2	37.3	37.3	37.3	37.3
72.5°	15.5	18.7	21.8	24.9	24.9	28.0	31.1	31.1	34.2	34.2	37.3
70°	15.5	18.7	21.8	21.8	24.9	24.9	28.0	31.1	31.1	34.2	34.2
67.5°	18.7	21.8	21.8	24.9	28.0	28.0	28.0	31.1	31.1	34.2	34.2
65°	21.8	24.9	24.9	28.0	31.1	31.1	34.2	34.2	34.2	37.3	37.3
62.5°	37.3	37.3	37.3	34.2	37.3	37.3	37.3	40.4	40.4	37.3	40.4
60°	192.8	139.9	96.4	121.3	108.8	49.8	49.8	49.8	46.6	46.6	43.5
57.5°	454.0	422.9	363.8	307.8	276.7	245.6	152.4	62.2	62.2	56.0	49.8
55°	758.7	656.1	612.6	537.9	457.1	419.8	348.3	236.3	111.9	74.6	65.3
52.5°	1175.4	1079.0	967.0	814.7	705.8	618.8	559.7	444.6	298.5	158.6	99.5
50°	1573.4	1529.8	1461.4	1312.2	1085.2	939.0	842.7	712.1	534.8	326.5	186.6
47.5°	2534.2	2170.4	1949.6	1834.6	1644.9	1368.1	1181.6	1035.4	820.9	550.4	329.6
45°	3190.3	2960.2	2608.8	2366.3	2086.4	1794.1	1551.6	1383.7	1128.7	824.0	516.2
42.5°	3753.1	3554.1	3236.9	2882.4	2587.0	2204.6	1893.6	1672.9	1458.3	1125.6	771.1
40°	4477.6	4241.2	3936.5	3591.4	3246.2	2758.0	2254.3	1986.9	1750.6	1455.2	1041.7
37.5°	5671.6	5254.9	4757.4	4374.9	3924.1	3510.5	2820.2	2347.6	2067.8	1759.9	1358.8
35°	7108.1	6651.0	5820.8	5314.0	4710.8	4095.1	3473.2	2773.6	2375.6	2049.1	1651.1
32.5°	8445.2	7776.6	6713.2	6119.3	5718.2	4583.3	3939.6	3333.3	2692.8	2291.6	1819.0
30°	8815.2	8078.3	7316.4	6623.0	5939.0	5021.7	4259.9	3787.3	3090.8	2437.8	1977.6
27.5°	8442.1	7935.2	7344.4	6700.8	5960.7	5174.1	4455.8	4004.9	3383.0	2537.3	2102.0
25°	8062.7	7534.1	7120.6	6582.6	5898.6	5164.7	4462.0	4141.7	3610.0	2730.1	2170.4
22.5°	7661.6	7332.0	6990.0	6389.8	5743.1	5192.7	4664.1	4259.9	3728.2	2947.7	2198.4
20°	7683.4	7468.8	7092.6	6290.3	5715.1	5357.5	4906.7	4409.1	3855.7	3137.4	2220.1
17.5°	8031.6	7751.8	7279.1	6582.6	5967.0	5525.4	5108.8	4614.4	3986.3	3305.3	2484.4
15°	8460.7	8034.7	7540.3	6927.8	6231.3	5708.9	5264.2	4757.4	4135.5	3460.8	2720.7
12.5°	8771.7	8165.3	7702.0	7148.5	6517.3	5907.9	5366.8	4866.2	4275.4	3588.3	2898.0
10°	8877.4	8327.0	7779.8	7285.4	6663.5	6013.6	5444.6	4934.6	4396.7	3687.8	3028.6
7.5°	8933.3	8466.9	7832.6	7347.5	6750.5	6078.9	5506.8	4972.0	4493.1	3756.2	3112.5
5°	8927.1	8541.6	7873.0	7366.2	6797.2	6106.9	5550.3	4981.3	4561.5	3815.2	3162.3
2.5°	8899.1	8591.3	7938.3	7397.3	6890.5	6159.7	5634.3	4999.9	4586.4	3880.5	3196.5
0°	9001.7	8594.4	8006.7	7406.6	6952.6	6178.4	5671.6	4984.4	4552.2	3899.2	3193.4
-2.5°	8781.0	8411.0	7991.2	7325.8	6868.7	6134.9	5603.2	4934.6	4477.6	3877.4	3180.9
-5°	8743.7	8277.3	7860.6	7251.2	6728.8	6044.7	5475.7	4841.4	4359.4	3805.9	3131.2
-7.5°	8644.2	8149.8	7733.1	7192.1	6598.2	5951.4	5354.4	4745.0	4231.9	3694.0	3059.7
-10°	8426.5	7953.9	7596.3	7064.6	6439.6	5817.7	5208.3	4617.5	4082.7	3541.6	2947.7
-12.5°	8115.6	7642.9	7288.5	6794.1	6240.6	5637.4	5034.1	4452.7	3911.6	3379.9	2814.0
-15°	7764.2	7285.4	6930.9	6480.0	5945.2	5357.5	4813.4	4244.3	3715.7	3208.9	2655.4
-17.5°	7366.2	6912.2	6570.2	6131.8	5600.1	5040.4	4499.3	3983.2	3488.8	3031.7	2472.0
-20°	6906.0	6464.5	6150.4	5712.0	5223.8	4679.7	4154.2	3666.0	3221.4	2792.3	2269.9

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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°	6337.0	5948.3	5590.7	5198.9	4772.9	4275.4	3787.3	3355.1	2929.1	2509.3	2061.5
-25°	5755.5	5379.3	5031.0	4673.4	4266.1	3837.0	3420.4	3028.6	2611.9	2232.6	1859.4
-27.5°	5108.8	4772.9	4462.0	4132.4	3759.3	3389.3	3047.2	2664.8	2304.1	1980.7	1660.4
-30°	4418.5	4144.8	3874.3	3582.0	3280.4	2969.5	2664.8	2304.1	2021.1	1763.0	1492.5
-32.5°	3756.2	3510.5	3292.9	3075.2	2814.0	2559.0	2288.5	2021.1	1784.8	1557.8	1330.8
-35°	3174.7	2913.5	2792.3	2618.1	2409.8	2179.7	1958.9	1772.4	1582.7	1377.5	1175.4
-37.5°	2671.0	2503.1	2360.0	2229.4	2064.6	1865.6	1707.1	1554.7	1396.1	1209.6	1035.4
-40°	2276.1	2154.8	2011.8	1915.4	1781.7	1638.7	1480.1	1352.6	1218.9	1066.5	923.5
-42.5°	1958.9	1859.4	1766.1	1663.5	1564.0	1442.8	1306.0	1184.7	1063.4	951.5	833.3
-45°	1697.7	1626.2	1551.6	1467.6	1380.6	1274.9	1162.9	1038.5	951.5	852.0	752.5
-47.5°	1483.2	1430.3	1368.1	1302.8	1228.2	1134.9	1032.3	942.2	852.0	768.0	671.6
-50°	1312.2	1262.4	1212.7	1156.7	1091.4	1010.6	932.8	848.9	764.9	684.1	593.9
-52.5°	1169.1	1125.6	1085.2	1038.5	976.4	907.9	836.4	761.8	684.1	603.2	531.7
-55°	1069.6	1019.9	979.5	932.8	876.9	811.6	746.3	677.9	603.2	541.0	482.0
-57.5°	988.8	932.8	886.2	836.4	780.5	724.5	665.4	603.2	547.3	488.2	432.2
-60°	920.4	855.1	802.2	752.5	699.6	646.8	597.0	544.1	491.3	438.4	382.5
-62.5°	848.9	780.5	715.2	668.5	628.1	581.5	537.9	488.2	441.5	388.7	348.3
-65°	768.0	702.7	640.5	600.1	562.8	522.4	482.0	438.4	398.0	357.6	320.3
-67.5°	677.9	621.9	578.4	541.0	503.7	469.5	432.2	394.9	360.7	320.3	283.0
-70°	569.0	537.9	513.1	485.1	450.9	419.8	385.6	351.4	314.1	279.8	245.6
-72.5°	485.1	466.4	447.8	419.8	388.7	360.7	332.7	301.6	270.5	239.4	211.4
-75°	398.0	382.5	366.9	348.3	323.4	301.6	276.7	248.8	223.9	202.1	180.3
-77.5°	320.3	307.8	298.5	283.0	264.3	245.6	230.1	211.4	192.8	171.0	149.3
-80°	255.0	248.8	245.6	239.4	223.9	208.3	195.9	180.3	161.7	146.1	130.6
-82.5°	199.0	199.0	195.9	192.8	180.3	167.9	158.6	146.1	133.7	121.3	105.7
-85°	146.1	143.0	143.0	139.9	130.6	124.4	115.0	108.8	99.5	87.1	80.8
-87.5°	87.1	84.0	80.8	77.7	71.5	68.4	62.2	59.1	52.9	46.6	43.5
-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°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	0.0	0.0
85°	9.3	6.2	6.2	6.2	6.2	6.2	3.1	3.1	3.1	3.1	3.1
82.5°	18.7	18.7	15.5	15.5	12.4	9.3	6.2	6.2	6.2	3.1	3.1
80°	28.0	28.0	28.0	24.9	21.8	15.5	12.4	9.3	6.2	3.1	3.1
77.5°	34.2	31.1	31.1	28.0	28.0	24.9	18.7	15.5	9.3	6.2	3.1
75°	34.2	34.2	34.2	31.1	31.1	28.0	24.9	18.7	15.5	9.3	6.2
72.5°	37.3	34.2	34.2	34.2	31.1	28.0	24.9	21.8	18.7	12.4	6.2
70°	34.2	34.2	34.2	34.2	31.1	31.1	24.9	21.8	21.8	12.4	9.3
67.5°	34.2	34.2	34.2	31.1	31.1	28.0	24.9	21.8	21.8	15.5	9.3
65°	37.3	34.2	34.2	34.2	31.1	28.0	24.9	21.8	21.8	18.7	12.4
62.5°	40.4	37.3	37.3	34.2	31.1	28.0	24.9	21.8	21.8	18.7	12.4
60°	43.5	40.4	37.3	37.3	34.2	31.1	24.9	24.9	21.8	18.7	12.4
57.5°	46.6	43.5	43.5	40.4	37.3	34.2	28.0	24.9	21.8	18.7	15.5
55°	56.0	49.8	46.6	46.6	43.5	37.3	31.1	24.9	21.8	18.7	15.5
52.5°	74.6	59.1	52.9	52.9	49.8	43.5	34.2	28.0	21.8	18.7	15.5
50°	118.2	74.6	62.2	56.0	56.0	49.8	40.4	31.1	21.8	18.7	15.5
47.5°	186.6	124.4	74.6	65.3	62.2	59.1	46.6	31.1	24.9	18.7	15.5
45°	307.8	183.5	121.3	77.7	65.3	62.2	52.9	34.2	24.9	21.8	15.5
42.5°	422.9	286.1	186.6	93.3	77.7	68.4	56.0	37.3	28.0	21.8	15.5
40°	665.4	391.8	261.2	152.4	90.2	71.5	62.2	43.5	28.0	21.8	15.5
37.5°	901.7	519.3	351.4	223.9	102.6	80.8	65.3	46.6	31.1	21.8	18.7
35°	1138.0	727.6	435.3	298.5	136.8	96.4	68.4	49.8	31.1	21.8	18.7
32.5°	1349.5	923.5	522.4	373.1	205.2	115.0	74.6	52.9	34.2	24.9	18.7
30°	1523.6	1103.8	677.9	438.4	267.4	139.9	80.8	52.9	37.3	24.9	18.7
27.5°	1654.2	1243.8	836.4	506.8	320.3	164.8	93.3	59.1	37.3	24.9	18.7
25°	1759.9	1352.6	976.4	578.4	366.9	205.2	111.9	62.2	40.4	28.0	18.7
22.5°	1843.9	1442.8	1091.4	674.7	422.9	245.6	136.8	68.4	40.4	28.0	18.7
20°	1958.9	1532.9	1169.1	777.4	482.0	283.0	158.6	74.6	40.4	28.0	21.8
17.5°	2058.4	1623.1	1231.3	864.4	541.0	310.9	183.5	80.8	43.5	28.0	21.8
15°	2173.5	1710.2	1287.3	932.8	597.0	335.8	205.2	87.1	43.5	31.1	21.8
12.5°	2297.9	1791.0	1327.7	988.8	656.1	357.6	223.9	99.5	46.6	31.1	21.8
10°	2425.3	1859.4	1361.9	1029.2	699.6	379.3	236.3	111.9	49.8	31.1	21.8
7.5°	2552.8	1921.6	1405.5	1047.9	718.3	404.2	242.5	124.4	49.8	34.2	21.8
5°	2639.9	1962.0	1467.6	1060.3	727.6	432.2	251.9	139.9	52.9	34.2	21.8
2.5°	2714.5	1986.9	1532.9	1069.6	730.7	447.8	248.8	149.3	56.0	34.2	21.8
0°	2748.7	1986.9	1576.5	1063.4	721.4	463.3	248.8	158.6	56.0	34.2	21.8
-2.5°	2695.9	2042.9	1564.0	1066.5	724.5	463.3	261.2	161.7	62.2	37.3	21.8
-5°	2611.9	2064.6	1526.7	1051.0	718.3	463.3	276.7	164.8	65.3	37.3	24.9
-7.5°	2531.1	2074.0	1483.2	1035.4	708.9	450.9	279.8	161.7	71.5	40.4	24.9
-10°	2425.3	1971.4	1427.2	1007.4	690.3	441.5	286.1	161.7	74.6	40.4	24.9
-12.5°	2304.1	1847.0	1358.8	967.0	668.5	432.2	289.2	161.7	77.7	43.5	24.9
-15°	2164.2	1719.5	1281.1	923.5	637.4	419.8	283.0	158.6	80.8	43.5	28.0
-17.5°	2005.6	1595.1	1200.2	870.6	603.2	404.2	270.5	155.5	80.8	43.5	28.0
-20°	1825.2	1470.8	1110.1	817.8	562.8	385.6	258.1	149.3	80.8	43.5	28.0

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CATALOG NUMBER: IFLD-M-SA4B-727-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1663.5	1355.7	1016.8	758.7	519.3	363.8	242.5	143.0	80.8	46.6	28.0
-25°	1529.8	1243.8	945.3	699.6	472.6	338.9	227.0	136.8	80.8	46.6	28.0
-27.5°	1389.9	1122.5	870.6	643.6	441.5	317.2	211.4	130.6	77.7	46.6	28.0
-30°	1246.9	1004.3	792.9	581.5	410.4	295.4	199.0	121.3	77.7	46.6	28.0
-32.5°	1116.3	907.9	721.4	519.3	376.2	273.6	186.6	118.2	74.6	46.6	28.0
-35°	988.8	820.9	646.8	469.5	338.9	251.9	174.1	115.0	74.6	46.6	28.0
-37.5°	883.1	740.0	578.4	435.3	317.2	233.2	161.7	108.8	71.5	46.6	28.0
-40°	796.0	665.4	513.1	398.0	298.5	214.5	149.3	105.7	71.5	46.6	28.0
-42.5°	715.2	593.9	472.6	366.9	279.8	202.1	139.9	102.6	68.4	46.6	28.0
-45°	643.6	531.7	432.2	338.9	258.1	186.6	133.7	96.4	65.3	46.6	31.1
-47.5°	572.1	488.2	394.9	314.1	236.3	167.9	127.5	93.3	62.2	43.5	31.1
-50°	516.2	441.5	363.8	286.1	214.5	161.7	121.3	87.1	62.2	43.5	31.1
-52.5°	466.4	398.0	329.6	258.1	195.9	152.4	115.0	80.8	59.1	43.5	31.1
-55°	419.8	357.6	295.4	230.1	183.5	143.0	105.7	74.6	59.1	43.5	31.1
-57.5°	373.1	320.3	261.2	208.3	167.9	133.7	99.5	74.6	59.1	43.5	31.1
-60°	335.8	286.1	236.3	192.8	155.5	121.3	90.2	71.5	56.0	43.5	31.1
-62.5°	304.7	258.1	214.5	174.1	143.0	108.8	87.1	71.5	56.0	43.5	28.0
-65°	273.6	233.2	192.8	158.6	127.5	102.6	84.0	68.4	56.0	43.5	28.0
-67.5°	242.5	205.2	174.1	139.9	118.2	99.5	80.8	68.4	52.9	40.4	28.0
-70°	211.4	180.3	152.4	130.6	111.9	93.3	77.7	65.3	52.9	37.3	24.9
-72.5°	186.6	158.6	136.8	121.3	105.7	90.2	74.6	62.2	49.8	34.2	21.8
-75°	158.6	139.9	124.4	108.8	96.4	84.0	71.5	56.0	43.5	31.1	21.8
-77.5°	133.7	121.3	108.8	99.5	87.1	74.6	62.2	49.8	40.4	28.0	18.7
-80°	115.0	105.7	96.4	87.1	77.7	65.3	56.0	43.5	34.2	24.9	15.5
-82.5°	93.3	87.1	77.7	71.5	65.3	56.0	46.6	37.3	24.9	18.7	12.4
-85°	71.5	65.3	62.2	56.0	49.8	40.4	31.1	24.9	18.7	12.4	6.2
-87.5°	37.3	34.2	31.1	28.0	24.9	18.7	15.5	12.4	9.3	6.2	3.1
-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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CATALOG NUMBER: IFLD-M-SA4B-727-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0
80°	3.1	0.0	0.0	0.0
77.5°	3.1	0.0	0.0	0.0
75°	3.1	3.1	0.0	0.0
72.5°	3.1	3.1	0.0	0.0
70°	3.1	3.1	0.0	0.0
67.5°	6.2	3.1	0.0	0.0
65°	6.2	3.1	0.0	0.0
62.5°	6.2	3.1	0.0	0.0
60°	6.2	3.1	0.0	0.0
57.5°	9.3	3.1	3.1	0.0
55°	9.3	3.1	3.1	0.0
52.5°	9.3	3.1	3.1	0.0
50°	9.3	6.2	3.1	0.0
47.5°	9.3	6.2	3.1	0.0
45°	9.3	6.2	3.1	0.0
42.5°	9.3	6.2	3.1	0.0
40°	12.4	6.2	3.1	0.0
37.5°	12.4	6.2	3.1	0.0
35°	12.4	6.2	3.1	0.0
32.5°	12.4	6.2	3.1	0.0
30°	12.4	6.2	3.1	0.0
27.5°	12.4	9.3	3.1	0.0
25°	12.4	9.3	3.1	0.0
22.5°	15.5	9.3	3.1	0.0
20°	15.5	9.3	3.1	0.0
17.5°	15.5	9.3	3.1	0.0
15°	15.5	9.3	3.1	0.0
12.5°	15.5	9.3	3.1	0.0
10°	15.5	9.3	3.1	0.0
7.5°	15.5	9.3	3.1	0.0
5°	15.5	9.3	3.1	0.0
2.5°	15.5	9.3	3.1	0.0
0°	15.5	9.3	3.1	0.0
-2.5°	15.5	9.3	3.1	0.0
-5°	15.5	9.3	3.1	0.0
-7.5°	15.5	9.3	3.1	0.0
-10°	15.5	9.3	3.1	0.0
-12.5°	18.7	9.3	3.1	0.0
-15°	18.7	9.3	3.1	0.0
-17.5°	18.7	9.3	3.1	0.0
-20°	18.7	9.3	3.1	0.0



REPORT NUMBER: P722410

CATALOG NUMBER: IFLD-M-SA4B-727-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	18.7	9.3	3.1	0.0
-25°	18.7	9.3	3.1	0.0
-27.5°	18.7	9.3	3.1	0.0
-30°	18.7	9.3	3.1	0.0
-32.5°	18.7	9.3	3.1	0.0
-35°	18.7	9.3	3.1	0.0
-37.5°	18.7	9.3	3.1	0.0
-40°	18.7	9.3	3.1	0.0
-42.5°	15.5	9.3	3.1	0.0
-45°	18.7	9.3	3.1	0.0
-47.5°	18.7	9.3	3.1	0.0
-50°	18.7	9.3	3.1	0.0
-52.5°	18.7	9.3	3.1	0.0
-55°	18.7	9.3	3.1	0.0
-57.5°	18.7	9.3	3.1	0.0
-60°	18.7	9.3	3.1	0.0
-62.5°	15.5	9.3	3.1	0.0
-65°	15.5	6.2	3.1	0.0
-67.5°	15.5	6.2	3.1	0.0
-70°	15.5	6.2	3.1	0.0
-72.5°	12.4	6.2	3.1	0.0
-75°	12.4	6.2	3.1	0.0
-77.5°	9.3	3.1	0.0	0.0
-80°	9.3	3.1	0.0	0.0
-82.5°	6.2	3.1	0.0	0.0
-85°	3.1	3.1	0.0	0.0
-87.5°	3.1	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)