

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: P722056

Luminaire Tested: **IFLD-S-SA6A-735-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722056
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6A-735-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (96) 3500K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

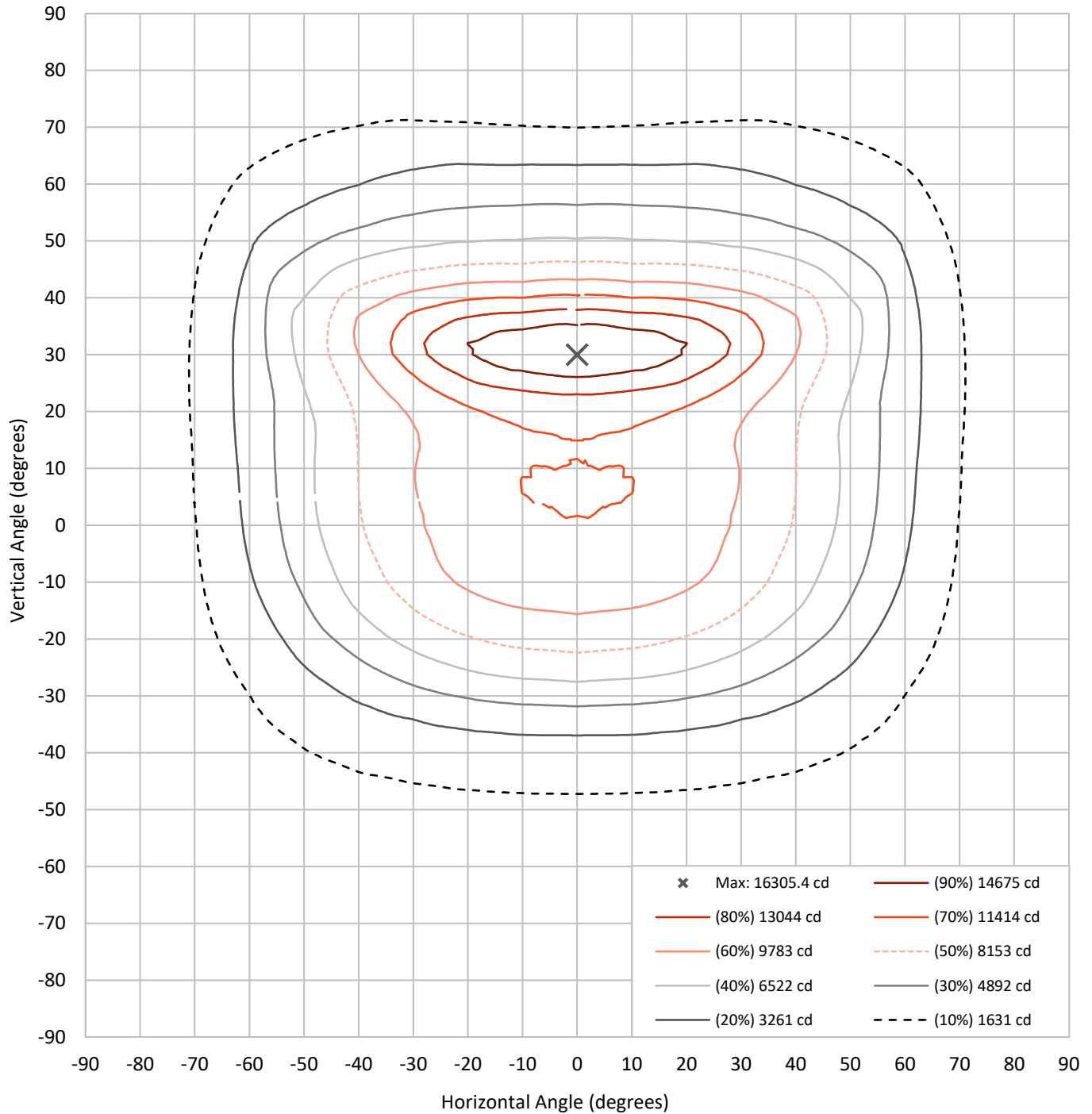
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	27217.8 lumens	Max Intensity:	16305.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	143.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	15827.5 lumens	Field Lumens:	25506.6 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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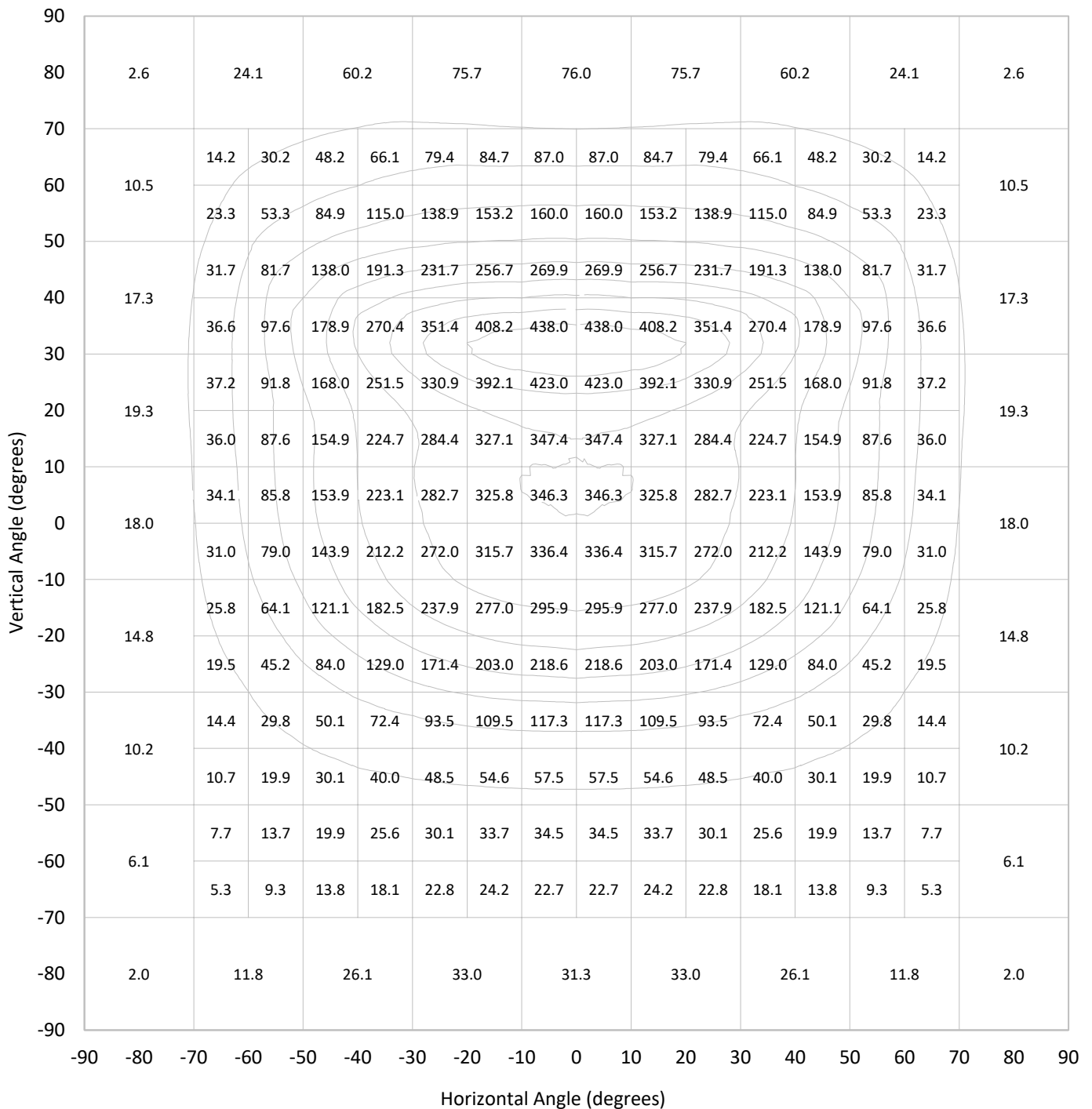
Iso-Candela Plot





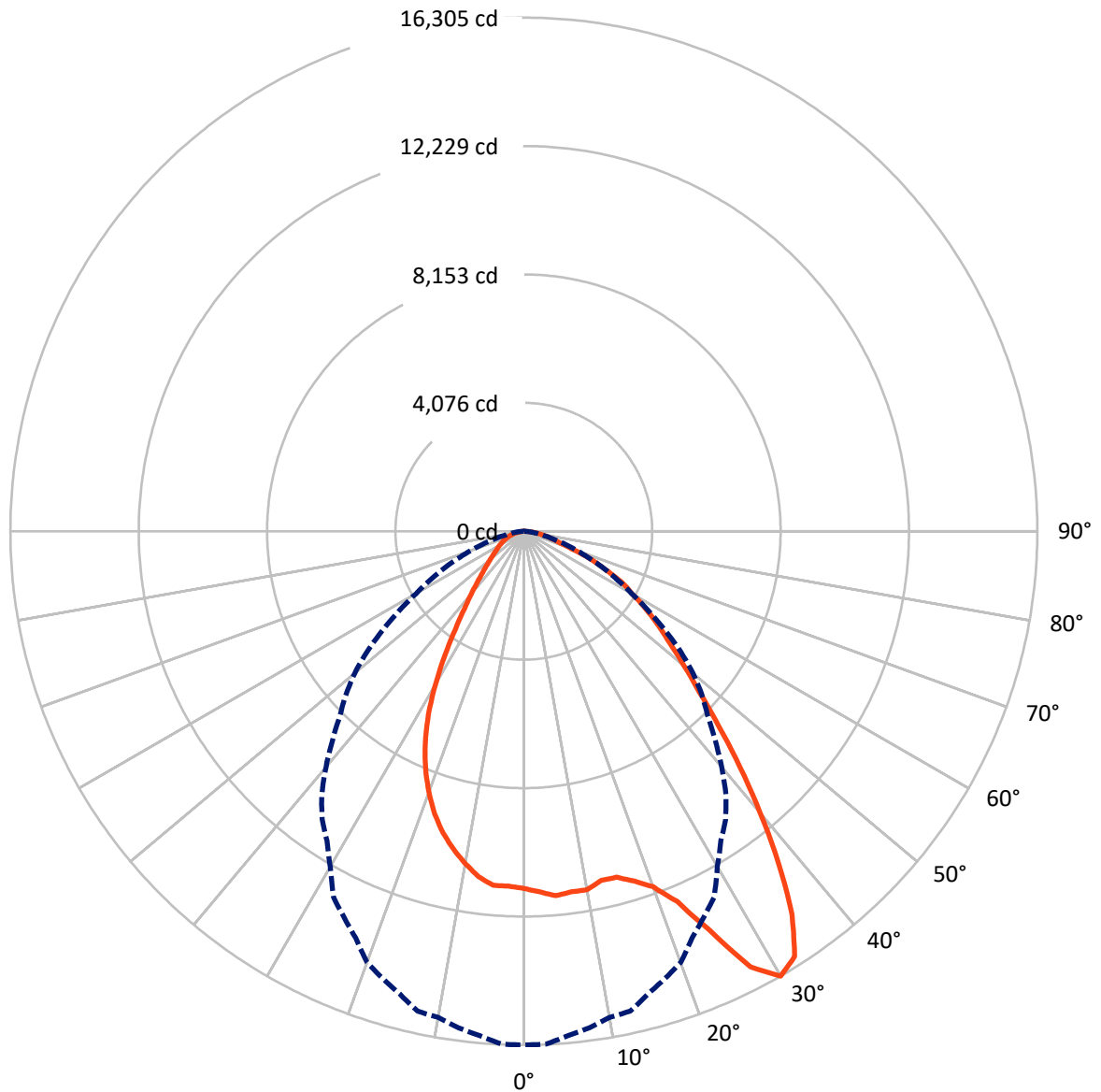
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Lumen Table



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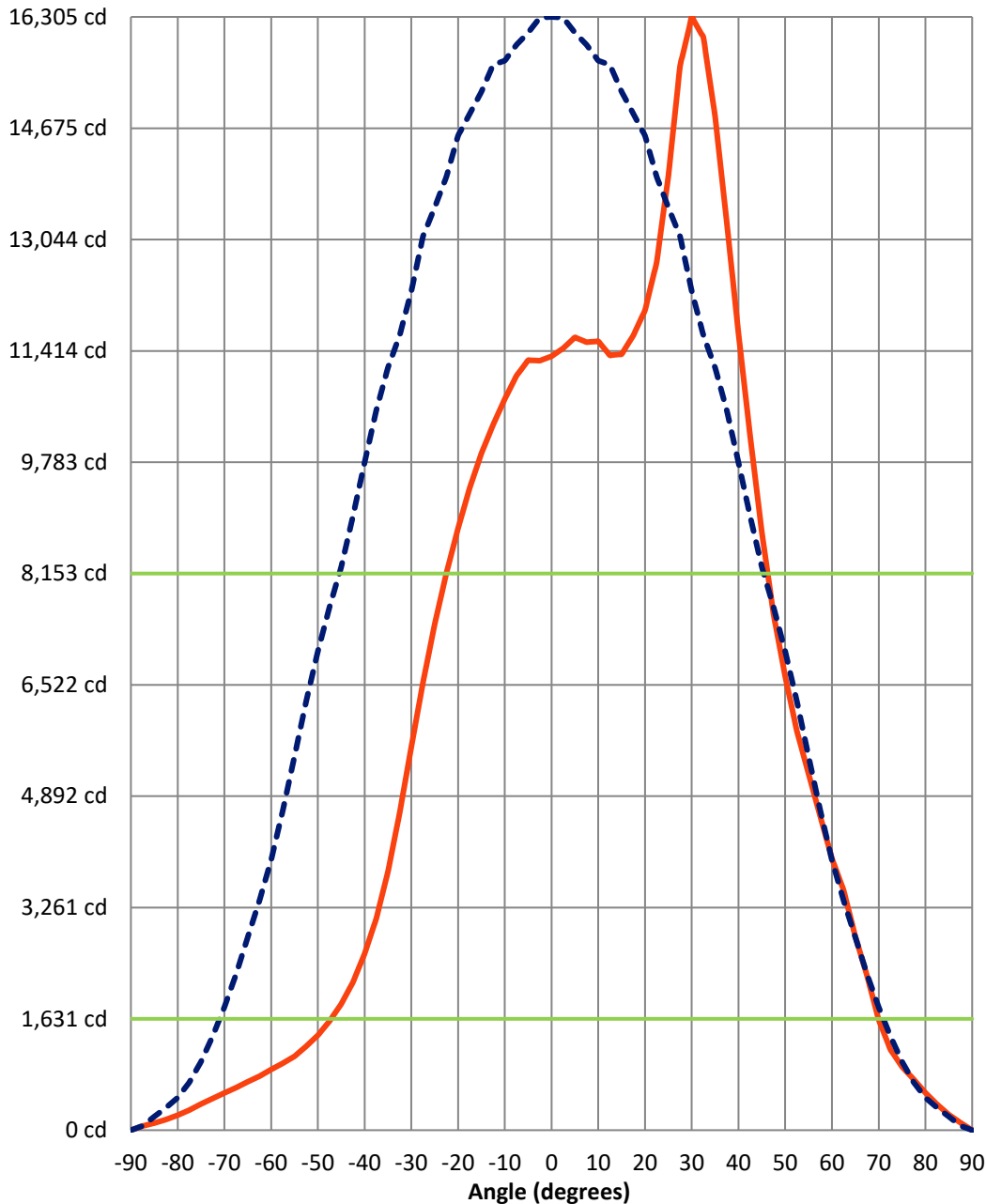
Luminous Intensity Polar Plot



— 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: 15827.5
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 25506.6
 Efficiency: 93.7%

Spill:
 Lumens: 1711.2
 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°	109.6	112.5	115.3	115.3	112.5	112.5	112.5	109.6	112.5	112.5	112.5
85°	227.8	233.6	239.3	236.4	233.6	227.8	222.0	224.9	227.8	230.7	230.7
82.5°	377.7	386.4	392.1	389.3	383.5	377.7	372.0	374.8	380.6	383.5	383.5
80°	547.8	550.7	553.6	559.4	550.7	550.7	547.8	559.4	565.1	570.9	576.7
77.5°	743.9	746.8	746.8	749.7	752.6	755.4	755.4	775.6	790.0	798.7	807.3
75°	928.4	937.1	945.7	954.4	965.9	971.7	980.3	1009.2	1032.2	1049.5	1066.8
72.5°	1182.2	1193.7	1208.1	1228.3	1248.5	1262.9	1283.1	1317.7	1343.6	1360.9	1381.1
70°	1617.6	1629.1	1643.5	1657.9	1678.1	1692.5	1712.7	1756.0	1781.9	1793.4	1805.0
67.5°	2263.4	2292.3	2318.2	2289.4	2275.0	2254.8	2260.6	2300.9	2326.9	2344.2	2341.3
65°	2837.2	2857.4	2857.4	2854.5	2843.0	2817.0	2831.5	2880.5	2909.3	2923.7	2880.5
62.5°	3511.9	3511.9	3497.5	3520.6	3523.5	3506.2	3497.5	3500.4	3503.3	3511.9	3439.8
60°	3979.0	4007.9	4016.5	4036.7	4042.5	4042.5	4056.9	4068.4	4068.4	4051.1	3967.5
57.5°	4596.1	4650.9	4662.4	4648.0	4619.1	4581.7	4575.9	4558.6	4524.0	4489.4	4449.0
55°	5218.9	5247.7	5244.8	5236.2	5207.3	5164.1	5169.9	5146.8	5092.0	5048.8	4994.0
52.5°	5844.6	5913.8	5925.3	5908.0	5867.6	5821.5	5824.4	5798.4	5743.7	5697.5	5622.6
50°	6643.3	6700.9	6695.2	6666.3	6608.7	6574.1	6576.9	6527.9	6464.5	6450.1	6352.0
47.5°	7557.3	7623.6	7612.1	7571.7	7493.9	7479.4	7493.9	7430.4	7392.9	7361.2	7245.9
45°	8756.8	8834.6	8791.4	8713.5	8589.5	8603.9	8624.1	8612.6	8531.9	8448.2	8301.2
42.5°	10163.8	10212.9	10161.0	10083.1	9927.4	9956.2	9944.7	9875.5	9826.5	9688.1	9500.7
40°	11669.0	11775.6	11694.9	11573.8	11412.3	11455.6	11423.9	11334.5	11219.2	11046.1	10809.7
37.5°	13292.3	13375.9	13283.6	13142.4	12998.2	12983.8	12920.3	12781.9	12617.6	12427.3	12049.6
35°	14846.4	15062.7	14892.6	14667.6	14491.8	14425.4	14364.9	14044.8	13857.4	13548.9	13032.8
32.5°	16002.6	16161.2	15950.7	15717.2	15503.8	15411.6	15198.2	14817.6	14716.7	14067.9	13595.0
30°	16305.4	16293.9	16074.7	15896.0	15665.3	15601.9	15209.7	14886.8	14563.8	13964.1	13514.3
27.5°	15584.6	15512.5	15302.0	15146.3	14918.5	14843.5	14457.2	14284.2	13785.3	13277.9	12897.3
25°	13978.5	14016.0	13857.4	13779.6	13629.6	13468.2	13315.4	13081.8	12770.4	12326.4	11977.5
22.5°	12712.7	12761.7	12695.4	12603.2	12487.8	12398.4	12283.1	12101.5	11801.6	11527.7	11199.0
20°	12009.2	11994.8	11937.1	11867.9	11758.3	11694.9	11568.0	11415.2	11184.6	10948.1	10593.5
17.5°	11640.1	11550.7	11496.0	11470.0	11412.3	11331.6	11181.7	11026.0	10847.2	10579.0	10319.5
15°	11366.2	11380.6	11337.4	11317.2	11271.1	11158.6	11005.8	10878.9	10636.7	10501.2	10264.8
12.5°	11348.9	11334.5	11337.4	11328.7	11271.1	11126.9	11049.0	10887.6	10731.9	10553.1	10282.1
10°	11553.6	11400.8	11412.3	11452.7	11360.4	11245.1	11161.5	10985.6	10838.5	10610.8	10342.6
7.5°	11542.1	11464.2	11487.3	11421.0	11449.8	11308.5	11193.2	11017.3	10832.8	10590.6	10348.4
5°	11611.3	11493.1	11472.9	11478.7	11406.6	11299.9	11144.2	10976.9	10803.9	10532.9	10284.9
2.5°	11452.7	11470.0	11377.7	11343.1	11334.5	11155.7	11011.5	10850.1	10671.3	10432.0	10210.0
0°	11334.5	11366.2	11271.1	11222.0	11219.2	11066.3	10974.1	10789.5	10662.7	10463.7	10195.6
-2.5°	11271.1	11308.5	11320.1	11230.7	11144.2	11026.0	10870.3	10671.3	10463.7	10233.0	10002.4
-5°	11276.8	11201.9	11170.1	11199.0	11124.0	11005.8	10832.8	10656.9	10452.2	10204.2	9915.9
-7.5°	11049.0	10974.1	10968.3	10953.9	10936.6	10824.1	10680.0	10489.7	10282.1	10051.4	9783.2
-10°	10708.8	10654.0	10639.6	10625.2	10579.0	10512.7	10377.2	10204.2	10016.8	9786.1	9500.7
-12.5°	10331.1	10305.1	10250.3	10212.9	10166.7	10088.9	9959.1	9800.5	9613.1	9408.4	9163.3
-15°	9913.0	9864.0	9809.2	9777.5	9711.2	9618.9	9489.1	9342.1	9137.4	8935.5	8704.9
-17.5°	9408.4	9347.9	9287.3	9278.6	9232.5	9091.2	8970.1	8791.4	8612.6	8419.4	8194.5
-20°	8814.4	8730.8	8690.4	8667.4	8603.9	8500.1	8370.4	8206.0	8033.0	7848.5	7589.0



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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°	8157.0	8084.9	8015.7	7972.5	7917.7	7837.0	7713.0	7568.8	7398.7	7191.1	6951.8
-25°	7410.2	7309.3	7266.1	7217.0	7188.2	7113.2	6992.1	6859.5	6683.6	6481.8	6254.0
-27.5°	6556.8	6476.0	6453.0	6383.8	6349.2	6271.3	6170.4	6046.4	5884.9	5694.6	5507.2
-30°	5613.9	5564.9	5527.4	5458.2	5432.2	5348.6	5282.3	5178.5	5031.5	4895.9	4746.0
-32.5°	4645.1	4596.1	4584.5	4552.8	4535.5	4480.7	4405.8	4330.8	4212.6	4111.7	3990.6
-35°	3785.9	3751.3	3754.1	3751.3	3734.0	3693.6	3601.3	3581.1	3494.6	3402.4	3324.5
-37.5°	3099.6	3102.5	3099.6	3096.7	3073.7	3056.4	2990.0	2964.1	2912.2	2822.8	2776.7
-40°	2583.5	2589.3	2586.4	2580.6	2554.7	2546.0	2502.8	2468.2	2448.0	2384.5	2335.5
-42.5°	2165.4	2174.1	2171.2	2168.3	2151.0	2148.1	2125.0	2084.7	2073.1	2035.7	1983.8
-45°	1848.2	1845.3	1839.6	1845.3	1836.7	1828.0	1813.6	1787.7	1773.3	1756.0	1712.7
-47.5°	1597.4	1600.3	1594.5	1594.5	1583.0	1574.3	1568.5	1551.2	1539.7	1525.3	1499.3
-50°	1389.8	1401.3	1398.4	1395.5	1386.9	1381.1	1381.1	1363.8	1346.5	1340.8	1323.5
-52.5°	1228.3	1237.0	1239.8	1245.6	1248.5	1251.4	1242.7	1225.4	1196.6	1193.7	1185.1
-55°	1081.3	1107.2	1124.5	1136.0	1147.6	1156.2	1138.9	1115.9	1087.0	1075.5	1072.6
-57.5°	980.3	1006.3	1026.5	1043.8	1058.2	1072.6	1055.3	1032.2	1006.3	991.9	989.0
-60°	888.1	911.1	931.3	954.4	974.6	997.6	989.0	971.7	957.3	945.7	934.2
-62.5°	790.0	813.1	836.2	865.0	891.0	914.0	916.9	914.0	911.1	914.0	893.8
-65°	709.3	720.8	735.3	767.0	795.8	821.8	836.2	844.8	859.2	873.7	853.5
-67.5°	622.8	637.2	654.5	677.6	700.7	718.0	738.1	761.2	784.3	807.3	792.9
-70°	545.0	556.5	570.9	582.4	596.9	608.4	625.7	651.6	677.6	700.7	694.9
-72.5°	464.2	475.8	484.4	490.2	498.8	504.6	513.2	536.3	553.6	565.1	565.1
-75°	383.5	395.0	403.7	406.6	412.3	415.2	421.0	429.6	438.3	441.2	444.0
-77.5°	294.1	305.6	314.3	320.1	325.8	331.6	334.5	340.2	343.1	343.1	346.0
-80°	219.1	227.8	233.6	242.2	245.1	250.9	256.6	259.5	262.4	262.4	265.3
-82.5°	155.7	161.5	167.2	173.0	178.8	181.7	187.4	190.3	193.2	196.1	199.0
-85°	103.8	109.6	115.3	121.1	124.0	126.9	129.8	132.6	135.5	138.4	141.3
-87.5°	60.6	63.4	66.3	72.1	75.0	80.7	83.6	80.7	83.6	83.6	83.6
-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):

	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°	112.5	112.5	112.5	112.5	109.6	103.8	100.9	95.2	89.4	83.6	77.9
85°	233.6	236.4	236.4	236.4	230.7	227.8	219.1	210.5	199.0	181.7	167.2
82.5°	389.3	392.1	392.1	389.3	383.5	374.8	363.3	348.9	325.8	302.8	282.6
80°	585.3	588.2	588.2	585.3	570.9	556.5	542.1	524.8	495.9	464.2	429.6
77.5°	818.9	824.6	824.6	816.0	795.8	778.5	755.4	726.6	683.4	637.2	591.1
75°	1089.9	1104.3	1107.2	1098.6	1072.6	1040.9	1003.4	954.4	888.1	830.4	775.6
72.5°	1404.2	1418.6	1430.1	1418.6	1381.1	1337.9	1283.1	1225.4	1159.1	1081.3	989.0
70°	1816.5	1830.9	1839.6	1802.1	1735.8	1663.7	1597.4	1531.1	1453.2	1358.1	1257.1
67.5°	2335.5	2321.1	2303.8	2228.8	2145.2	2058.7	1966.5	1868.4	1767.5	1666.6	1548.4
65°	2834.3	2794.0	2756.5	2667.1	2560.4	2448.0	2341.3	2231.7	2110.6	1983.8	1871.3
62.5°	3359.1	3272.6	3180.3	3070.8	2961.2	2837.2	2730.5	2600.8	2465.3	2309.6	2165.4
60°	3875.2	3771.4	3679.2	3543.6	3399.5	3232.2	3116.9	2990.0	2831.5	2664.2	2494.1
57.5°	4374.1	4261.6	4160.7	4042.5	3886.8	3705.1	3578.2	3413.9	3246.7	3036.2	2863.2
55°	4904.6	4792.1	4711.4	4578.8	4408.7	4241.4	4103.0	3930.0	3696.5	3471.6	3258.2
52.5°	5513.0	5423.6	5337.1	5201.6	4996.9	4826.7	4673.9	4480.7	4235.7	3958.9	3702.2
50°	6193.5	6147.3	6055.1	5896.5	5662.9	5513.0	5311.1	5054.5	4792.1	4500.9	4180.9
47.5°	7095.9	7021.0	6891.2	6718.2	6522.2	6297.3	6026.2	5726.4	5354.4	5031.5	4691.2
45°	8174.3	8035.9	7868.7	7635.1	7392.9	7139.2	6842.2	6461.6	5962.8	5541.8	5184.3
42.5°	9342.1	9154.7	8926.9	8621.2	8307.0	7995.6	7675.5	7156.5	6533.7	6049.3	5645.6
40°	10561.7	10322.4	10037.0	9592.9	9244.0	8843.3	8477.1	7701.5	7038.3	6513.5	6083.9
37.5°	11755.5	11452.7	10974.1	10434.9	10028.3	9699.6	8895.2	8064.8	7470.8	6894.1	6458.7
35°	12669.5	12412.9	11568.0	11008.7	10659.8	10140.8	9134.5	8283.9	7655.3	7176.7	6499.1
32.5°	13211.6	12548.4	11807.4	11242.2	10953.9	10103.3	9151.8	8347.3	7741.8	7205.5	6395.3
30°	13090.5	12288.9	11640.1	11167.3	10541.6	9777.5	8990.3	8249.3	7661.1	7012.3	6280.0
27.5°	12361.0	11741.0	11161.5	10668.4	10054.3	9368.0	8641.4	7989.8	7442.0	6813.4	6121.4
25°	11536.3	10974.1	10544.4	10114.8	9532.4	8877.9	8237.8	7767.8	7217.0	6597.1	5913.8
22.5°	10778.0	10374.3	10037.0	9587.2	9019.1	8448.2	8050.3	7563.1	6997.9	6369.3	5700.4
20°	10293.6	10019.7	9633.3	9137.4	8690.4	8332.9	7891.8	7375.6	6793.2	6135.8	5518.7
17.5°	10060.0	9742.9	9313.3	8990.3	8647.2	8255.1	7762.0	7214.2	6594.2	6029.1	5538.9
15°	9938.9	9604.5	9321.9	9004.7	8618.4	8206.0	7658.2	7090.2	6594.2	6072.4	5553.3
12.5°	9964.9	9676.6	9368.0	9022.0	8606.8	8165.7	7669.7	7142.1	6628.8	6104.1	5556.2
10°	10045.6	9742.9	9414.2	9030.7	8612.6	8177.2	7701.5	7173.8	6646.1	6118.5	5550.5
7.5°	10074.5	9745.8	9394.0	9007.6	8598.2	8171.4	7707.2	7182.4	6649.0	6115.6	5533.2
5°	9985.1	9688.1	9347.9	8958.6	8557.8	8142.6	7684.2	7170.9	6626.0	6086.8	5489.9
2.5°	9864.0	9624.7	9298.8	8924.0	8517.4	8102.2	7646.7	7119.0	6574.1	6034.9	5435.1
0°	9843.8	9546.8	9218.1	8883.6	8451.1	8012.9	7560.2	7021.0	6478.9	5936.8	5340.0
-2.5°	9711.2	9396.9	9068.2	8704.9	8324.3	7883.1	7407.3	6879.7	6343.4	5810.0	5236.2
-5°	9610.2	9261.3	8912.5	8520.3	8136.8	7695.7	7202.6	6689.4	6164.6	5645.6	5092.0
-7.5°	9474.7	9117.2	8751.0	8341.6	7926.4	7476.6	6989.3	6476.0	5959.9	5443.8	4913.2
-10°	9200.8	8886.5	8543.4	8119.5	7681.3	7231.5	6747.1	6242.5	5726.4	5204.5	4671.0
-12.5°	8869.2	8537.6	8162.8	7773.5	7381.4	6963.3	6478.9	5983.0	5464.0	4939.2	4408.7
-15°	8439.6	8113.8	7730.3	7349.7	6972.0	6571.2	6144.4	5697.5	5169.9	4653.7	4123.2
-17.5°	7903.3	7597.7	7254.5	6891.2	6516.4	6112.7	5697.5	5319.8	4826.7	4342.3	3817.6
-20°	7326.6	7041.2	6732.6	6389.5	6014.7	5619.7	5227.5	4832.5	4405.8	3979.0	3491.7



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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°	6726.9	6438.5	6127.1	5807.1	5461.1	5094.9	4731.6	4353.9	3979.0	3592.7	3180.3
-25°	6034.9	5781.1	5495.7	5184.3	4875.8	4555.7	4209.7	3866.6	3546.5	3212.1	2874.7
-27.5°	5311.1	5077.6	4818.1	4547.1	4281.8	4013.6	3713.8	3396.6	3131.3	2854.5	2574.8
-30°	4549.9	4362.5	4152.0	3915.6	3710.9	3494.6	3243.8	2981.4	2739.2	2528.7	2303.8
-32.5°	3829.1	3670.5	3520.6	3364.9	3163.0	2995.8	2822.8	2629.6	2416.3	2217.3	2055.8
-35°	3209.2	3039.1	2975.6	2860.3	2716.1	2569.1	2442.2	2303.8	2142.3	1966.5	1833.8
-37.5°	2687.3	2586.4	2497.0	2433.6	2338.4	2220.2	2119.3	2018.4	1894.4	1761.7	1629.1
-40°	2280.7	2211.5	2113.5	2081.8	2021.2	1940.5	1836.7	1758.8	1675.2	1574.3	1461.9
-42.5°	1954.9	1903.0	1839.6	1784.8	1758.8	1701.2	1620.4	1545.5	1479.2	1410.0	1323.5
-45°	1686.8	1652.2	1611.8	1562.8	1542.6	1496.5	1438.8	1355.2	1317.7	1260.0	1196.6
-47.5°	1470.5	1453.2	1424.4	1392.7	1363.8	1329.2	1277.3	1225.4	1173.5	1136.0	1087.0
-50°	1300.4	1288.9	1271.6	1245.6	1208.1	1185.1	1150.5	1104.3	1055.3	1023.6	989.0
-52.5°	1164.9	1153.3	1141.8	1121.6	1092.8	1069.7	1040.9	1003.4	963.0	931.3	902.5
-55°	1061.1	1043.8	1035.1	1017.8	994.8	968.8	942.9	916.9	882.3	853.5	824.6
-57.5°	980.3	957.3	945.7	931.3	908.3	882.3	862.1	836.2	813.1	781.4	755.4
-60°	916.9	891.0	867.9	853.5	833.3	807.3	787.2	767.0	743.9	718.0	686.2
-62.5°	865.0	833.3	801.6	784.3	764.1	741.0	720.8	700.7	677.6	651.6	622.8
-65°	816.0	778.5	738.1	720.8	700.7	677.6	651.6	637.2	617.0	594.0	565.1
-67.5°	755.4	715.1	680.5	660.3	640.1	619.9	596.9	582.4	562.3	533.4	504.6
-70°	666.1	640.1	617.0	599.7	582.4	565.1	542.1	519.0	495.9	470.0	444.0
-72.5°	553.6	545.0	542.1	533.4	513.2	493.1	470.0	446.9	426.7	406.6	386.4
-75°	446.9	452.7	458.5	455.6	435.4	415.2	395.0	374.8	360.4	343.1	325.8
-77.5°	354.7	360.4	366.2	366.2	351.8	340.2	325.8	311.4	299.9	285.5	268.2
-80°	273.9	282.6	291.2	297.0	285.5	276.8	265.3	253.7	242.2	230.7	219.1
-82.5°	207.6	216.3	224.9	230.7	222.0	216.3	207.6	199.0	190.3	178.8	170.1
-85°	149.9	155.7	161.5	164.4	158.6	152.8	147.1	141.3	135.5	126.9	121.1
-87.5°	86.5	89.4	92.3	95.2	89.4	83.6	80.7	75.0	72.1	66.3	63.4
-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°	72.1	66.3	60.6	57.7	51.9	43.3	37.5	31.7	26.0	20.2	17.3
85°	152.8	138.4	121.1	112.5	100.9	89.4	77.9	66.3	54.8	43.3	31.7
82.5°	262.4	245.1	227.8	207.6	181.7	149.9	118.2	98.0	80.7	63.4	49.0
80°	395.0	363.3	334.5	308.5	279.7	239.3	196.1	155.7	109.6	83.6	63.4
77.5°	547.8	510.4	470.0	426.7	380.6	325.8	276.8	224.9	170.1	115.3	80.7
75°	720.8	671.8	617.0	556.5	495.9	423.9	354.7	294.1	230.7	161.5	98.0
72.5°	914.0	853.5	787.2	706.4	611.3	527.7	444.0	363.3	288.3	204.7	132.6
70°	1162.0	1066.8	968.8	882.3	761.2	628.6	530.5	438.3	343.1	250.9	167.2
67.5°	1427.3	1311.9	1193.7	1066.8	914.0	758.3	617.0	513.2	400.8	294.1	199.0
65°	1715.6	1571.4	1421.5	1280.2	1069.7	885.2	726.6	585.3	455.6	334.5	230.7
62.5°	2012.6	1842.5	1669.5	1484.9	1242.7	1014.9	830.4	666.1	507.5	372.0	259.5
60°	2329.8	2130.8	1920.3	1689.6	1407.1	1156.2	928.4	749.7	562.3	409.4	291.2
57.5°	2664.2	2448.0	2200.0	1888.6	1577.2	1291.7	1040.9	824.6	611.3	444.0	314.3
55°	3027.5	2779.6	2508.5	2096.2	1744.4	1427.3	1153.3	899.6	663.2	472.9	337.4
52.5°	3419.7	3131.3	2788.2	2315.3	1920.3	1565.7	1257.1	965.9	712.2	504.6	357.5
50°	3857.9	3494.6	3033.3	2517.2	2073.1	1695.4	1360.9	1038.0	752.6	539.2	374.8
47.5°	4313.5	3921.4	3252.4	2704.6	2228.8	1822.3	1467.6	1101.4	792.9	568.0	392.1
45°	4789.3	4218.4	3480.2	2871.8	2364.4	1937.6	1548.4	1159.1	841.9	594.0	406.6
42.5°	5259.2	4443.3	3679.2	3039.1	2491.2	2041.4	1614.7	1213.9	882.3	619.9	421.0
40°	5481.3	4613.4	3837.8	3154.4	2597.9	2133.7	1672.3	1262.9	916.9	637.2	435.4
37.5°	5573.5	4717.2	3941.6	3264.0	2681.5	2182.7	1721.4	1306.2	945.7	654.5	446.9
35°	5593.7	4754.7	3993.5	3338.9	2750.7	2228.8	1758.8	1337.9	968.8	671.8	458.5
32.5°	5556.2	4743.1	4007.9	3364.9	2794.0	2263.4	1784.8	1360.9	986.1	689.1	470.0
30°	5472.6	4682.6	3956.0	3362.0	2825.7	2283.6	1802.1	1378.2	1003.4	700.7	475.8
27.5°	5337.1	4575.9	3889.7	3364.9	2843.0	2292.3	1810.7	1386.9	1014.9	709.3	487.3
25°	5169.9	4431.7	3892.5	3359.1	2845.9	2295.2	1810.7	1386.9	1017.8	712.2	495.9
22.5°	4976.7	4431.7	3892.5	3350.5	2828.6	2289.4	1802.1	1381.1	1017.8	718.0	504.6
20°	4988.2	4434.6	3883.9	3333.2	2802.6	2272.1	1781.9	1366.7	1009.2	726.6	510.4
17.5°	4996.9	4428.8	3866.6	3310.1	2768.0	2243.3	1756.0	1346.5	1009.2	735.3	513.2
15°	4996.9	4411.5	3840.6	3275.5	2724.8	2202.9	1718.5	1329.2	1012.1	738.1	519.0
12.5°	4988.2	4379.8	3800.3	3229.4	2672.9	2153.9	1695.4	1323.5	1012.1	741.0	519.0
10°	4970.9	4336.6	3748.4	3171.7	2623.9	2136.6	1683.9	1311.9	1006.3	741.0	519.0
7.5°	4939.2	4284.7	3705.1	3137.1	2595.0	2116.4	1666.6	1294.6	997.6	735.3	524.8
5°	4890.2	4255.8	3670.5	3096.7	2554.7	2102.0	1655.0	1280.2	991.9	735.3	519.0
2.5°	4826.7	4221.2	3630.1	3044.8	2508.5	2053.0	1617.6	1248.5	971.7	723.7	513.2
0°	4722.9	4152.0	3560.9	2972.7	2445.1	2003.9	1580.1	1216.8	951.5	712.2	507.5
-2.5°	4627.8	4059.8	3471.6	2897.8	2384.5	1960.7	1551.2	1199.5	942.9	709.3	504.6
-5°	4495.2	3932.9	3353.3	2799.7	2303.8	1917.4	1522.4	1179.3	934.2	703.5	504.6
-7.5°	4348.1	3800.3	3229.4	2698.8	2223.1	1842.5	1467.6	1147.6	914.0	692.0	501.7
-10°	4120.3	3601.3	3073.7	2583.5	2136.6	1776.1	1421.5	1118.7	896.7	680.5	490.2
-12.5°	3878.1	3382.2	2894.9	2442.2	2038.5	1706.9	1369.6	1087.0	876.5	668.9	484.4
-15°	3621.5	3157.3	2707.5	2295.2	1931.9	1623.3	1314.8	1052.4	856.4	654.5	475.8
-17.5°	3353.3	2920.8	2514.3	2145.2	1825.2	1536.8	1257.1	1020.7	833.3	640.1	467.1
-20°	3070.8	2678.6	2318.2	1992.4	1712.7	1450.3	1196.6	983.2	807.3	622.8	455.6



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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°	2791.1	2439.3	2116.4	1842.5	1597.4	1360.9	1136.0	945.7	778.5	602.6	446.9
-25°	2543.1	2214.4	1937.6	1698.3	1484.9	1274.4	1072.6	908.3	746.8	582.4	435.4
-27.5°	2300.9	2021.2	1761.7	1562.8	1375.4	1190.8	1012.1	867.9	715.1	559.4	423.9
-30°	2076.0	1836.7	1623.3	1430.1	1271.6	1115.9	960.2	827.5	680.5	536.3	409.4
-32.5°	1871.3	1678.1	1499.3	1314.8	1173.5	1040.9	911.1	787.2	645.9	513.2	395.0
-35°	1681.0	1531.1	1375.4	1219.7	1075.5	971.7	859.2	743.9	614.2	487.3	380.6
-37.5°	1510.9	1389.8	1265.8	1133.2	1009.2	905.4	810.2	700.7	582.4	464.2	366.2
-40°	1363.8	1265.8	1156.2	1049.5	945.7	847.7	761.2	657.4	550.7	446.9	351.8
-42.5°	1228.3	1153.3	1064.0	974.6	882.3	795.8	712.2	611.3	519.0	426.7	337.4
-45°	1124.5	1049.5	977.5	896.7	818.9	743.9	660.3	570.9	490.2	403.7	322.9
-47.5°	1026.5	960.2	893.8	827.5	764.1	694.9	611.3	536.3	458.5	383.5	311.4
-50°	940.0	876.5	818.9	761.2	706.4	640.1	562.3	501.7	432.5	363.3	297.0
-52.5°	859.2	804.5	746.8	700.7	654.5	588.2	524.8	467.1	406.6	340.2	282.6
-55°	787.2	735.3	683.4	640.1	596.9	539.2	487.3	438.3	380.6	322.9	268.2
-57.5°	718.0	674.7	625.7	585.3	542.1	495.9	452.7	406.6	354.7	305.6	253.7
-60°	654.5	614.2	570.9	530.5	493.1	455.6	415.2	377.7	331.6	285.5	239.3
-62.5°	591.1	556.5	519.0	478.6	449.8	415.2	383.5	346.0	308.5	268.2	213.4
-65°	533.4	501.7	467.1	432.5	406.6	380.6	351.8	317.2	285.5	248.0	190.3
-67.5°	475.8	446.9	418.1	389.3	366.2	346.0	317.2	291.2	265.3	224.9	167.2
-70°	421.0	397.9	372.0	348.9	331.6	308.5	288.3	265.3	242.2	196.1	141.3
-72.5°	369.1	346.0	325.8	308.5	294.1	273.9	256.6	239.3	207.6	164.4	118.2
-75°	308.5	294.1	282.6	268.2	253.7	239.3	224.9	204.7	173.0	132.6	92.3
-77.5°	253.7	245.1	236.4	224.9	213.4	201.8	184.5	164.4	138.4	103.8	75.0
-80°	207.6	199.0	193.2	181.7	173.0	161.5	144.2	126.9	100.9	80.7	60.6
-82.5°	158.6	152.8	147.1	141.3	132.6	121.1	103.8	89.4	75.0	60.6	46.1
-85°	112.5	109.6	103.8	98.0	89.4	80.7	69.2	60.6	51.9	40.4	31.7
-87.5°	57.7	54.8	51.9	49.0	46.1	40.4	34.6	28.8	26.0	20.2	14.4
-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°	11.5	8.7	2.9	0.0
85°	23.1	14.4	5.8	0.0
82.5°	34.6	23.1	8.7	0.0
80°	46.1	28.8	14.4	0.0
77.5°	57.7	34.6	17.3	0.0
75°	69.2	43.3	20.2	0.0
72.5°	77.9	49.0	23.1	0.0
70°	92.3	57.7	26.0	0.0
67.5°	115.3	63.4	28.8	0.0
65°	135.5	69.2	31.7	0.0
62.5°	158.6	75.0	34.6	0.0
60°	178.8	80.7	37.5	0.0
57.5°	199.0	95.2	40.4	0.0
55°	216.3	106.7	43.3	0.0
52.5°	236.4	118.2	46.1	0.0
50°	253.7	129.8	49.0	0.0
47.5°	268.2	141.3	49.0	0.0
45°	279.7	149.9	51.9	0.0
42.5°	288.3	158.6	54.8	0.0
40°	297.0	167.2	57.7	0.0
37.5°	305.6	175.9	57.7	0.0
35°	314.3	184.5	60.6	0.0
32.5°	322.9	193.2	60.6	0.0
30°	328.7	199.0	63.4	0.0
27.5°	337.4	204.7	63.4	0.0
25°	340.2	210.5	66.3	0.0
22.5°	346.0	213.4	66.3	0.0
20°	351.8	219.1	66.3	0.0
17.5°	354.7	222.0	69.2	0.0
15°	354.7	224.9	72.1	0.0
12.5°	357.5	227.8	72.1	0.0
10°	357.5	233.6	69.2	0.0
7.5°	363.3	230.7	69.2	0.0
5°	360.4	230.7	69.2	0.0
2.5°	357.5	227.8	69.2	0.0
0°	354.7	227.8	69.2	0.0
-2.5°	354.7	227.8	69.2	0.0
-5°	354.7	227.8	69.2	0.0
-7.5°	351.8	230.7	69.2	0.0
-10°	346.0	230.7	69.2	0.0
-12.5°	343.1	222.0	69.2	0.0
-15°	340.2	219.1	69.2	0.0
-17.5°	334.5	216.3	66.3	0.0
-20°	328.7	213.4	66.3	0.0



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CATALOG NUMBER: IFLD-S-SA6A-735-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	322.9	207.6	66.3	0.0
-25°	317.2	201.8	63.4	0.0
-27.5°	311.4	196.1	63.4	0.0
-30°	302.8	190.3	60.6	0.0
-32.5°	294.1	184.5	60.6	0.0
-35°	288.3	175.9	57.7	0.0
-37.5°	279.7	167.2	57.7	0.0
-40°	271.0	158.6	54.8	0.0
-42.5°	262.4	149.9	51.9	0.0
-45°	250.9	141.3	51.9	0.0
-47.5°	242.2	132.6	49.0	0.0
-50°	227.8	121.1	46.1	0.0
-52.5°	210.5	109.6	43.3	0.0
-55°	193.2	100.9	40.4	0.0
-57.5°	175.9	89.4	40.4	0.0
-60°	158.6	77.9	37.5	0.0
-62.5°	141.3	72.1	34.6	0.0
-65°	124.0	66.3	31.7	0.0
-67.5°	103.8	57.7	28.8	0.0
-70°	86.5	51.9	26.0	0.0
-72.5°	75.0	46.1	23.1	0.0
-75°	63.4	40.4	20.2	0.0
-77.5°	54.8	34.6	17.3	0.0
-80°	43.3	26.0	11.5	0.0
-82.5°	31.7	20.2	8.7	0.0
-85°	20.2	14.4	5.8	0.0
-87.5°	11.5	5.8	2.9	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)