

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: P722070

Luminaire Tested: **IFLD-L-SA7E-735-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722070
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7E-735-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (112) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

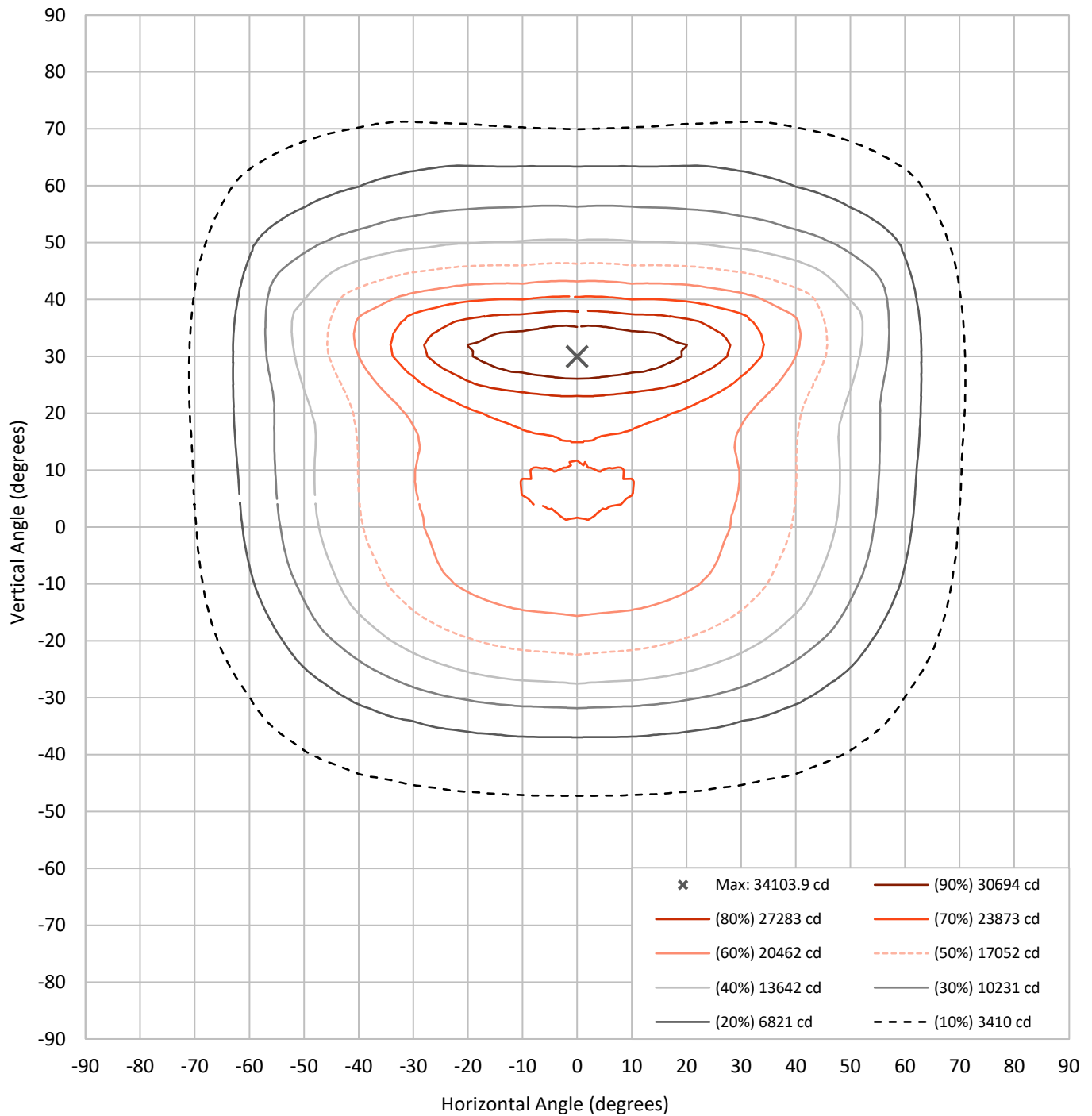
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	56928 lumens	Max Intensity:	34103.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	106.9 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	33104.3 lumens	Field Lumens:	53348.9 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 532.7
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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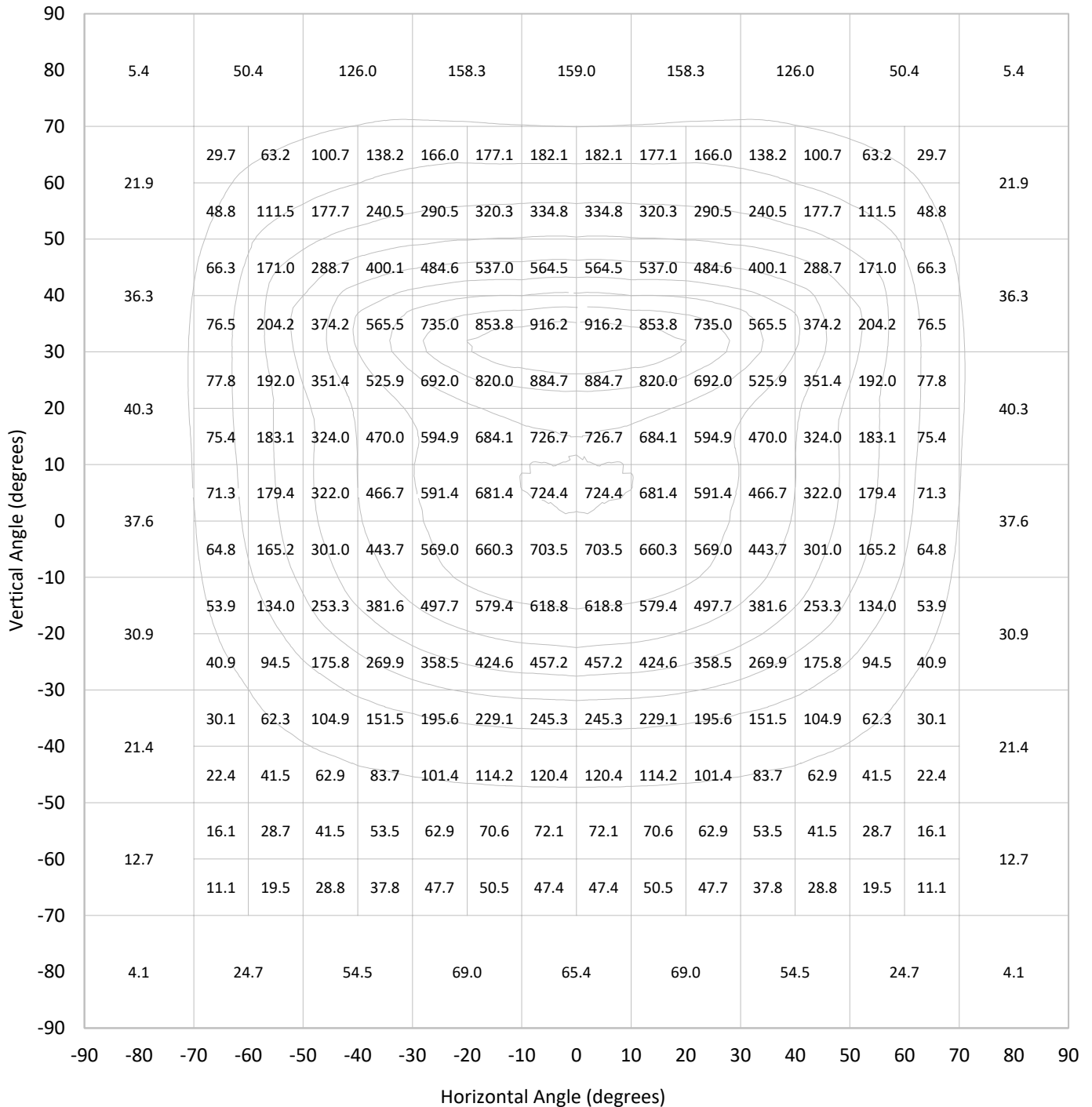
Iso-Candela Plot





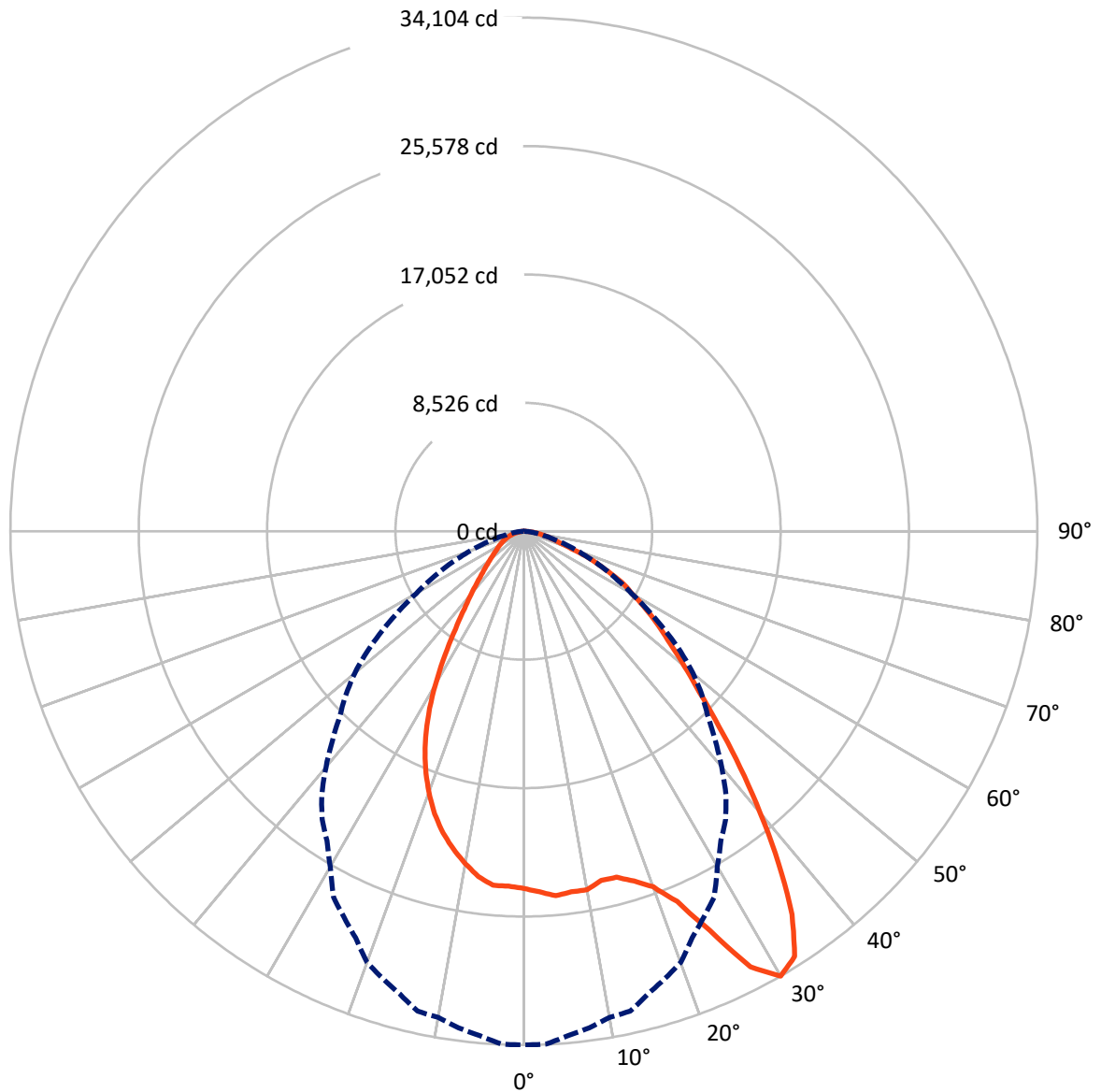
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Lumen Table



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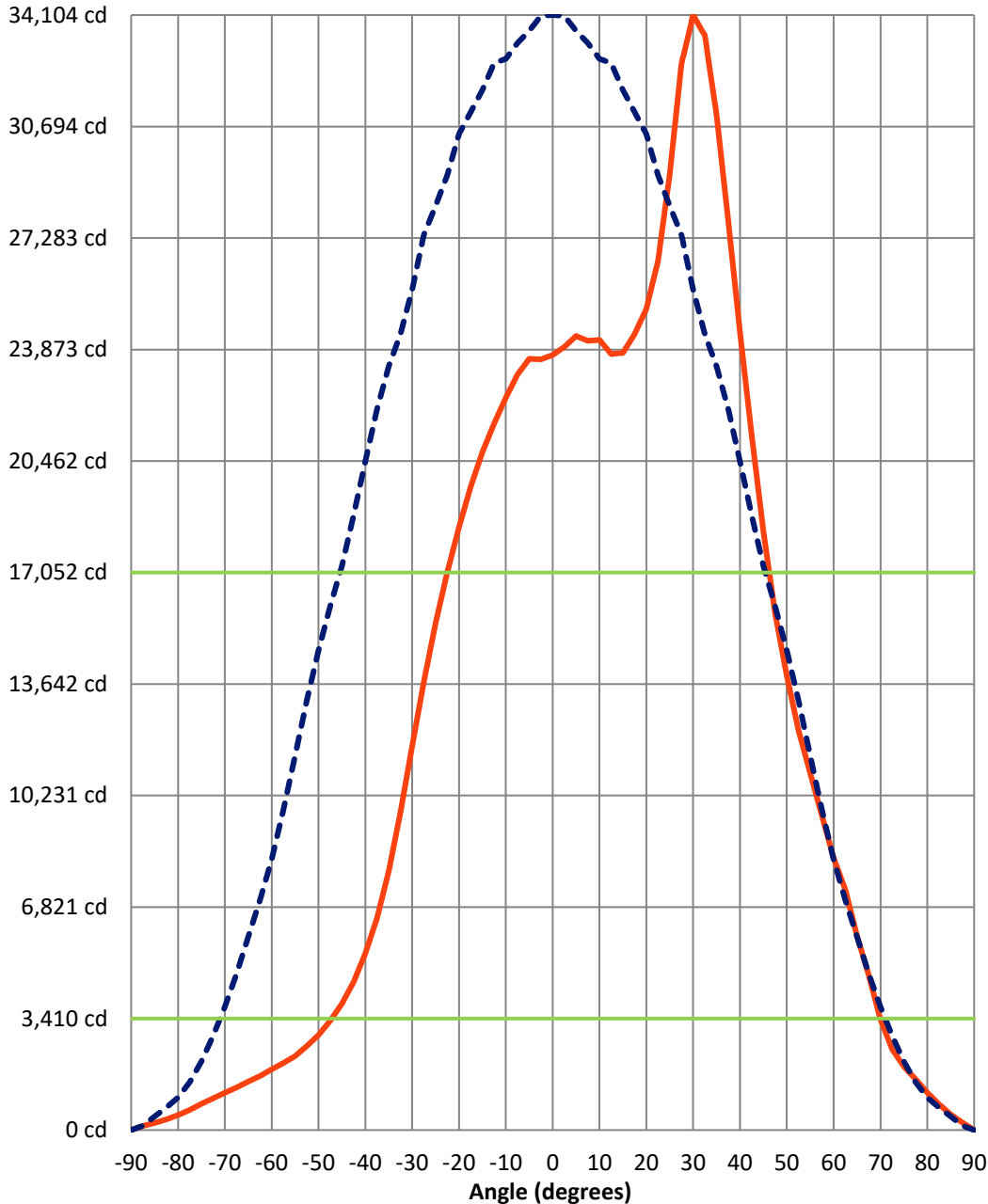
Luminous Intensity Polar Plot



— 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: 33104.3
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 53348.9
 Efficiency: 93.7%

Spill:
 Lumens: 3579.1
 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°	229.2	235.2	241.2	241.2	235.2	235.2	235.2	229.2	235.2	235.2	235.2
85°	476.4	488.5	500.6	494.5	488.5	476.4	464.4	470.4	476.4	482.5	482.5
82.5°	790.0	808.1	820.2	814.2	802.1	790.0	778.0	784.0	796.1	802.1	802.1
80°	1145.8	1151.9	1157.9	1170.0	1151.9	1151.9	1145.8	1170.0	1182.0	1194.1	1206.2
77.5°	1555.9	1562.0	1562.0	1568.0	1574.0	1580.1	1580.1	1622.3	1652.4	1670.5	1688.6
75°	1941.9	1960.0	1978.1	1996.2	2020.3	2032.4	2050.5	2110.8	2159.0	2195.2	2231.4
72.5°	2472.6	2496.7	2526.9	2569.1	2611.3	2641.5	2683.7	2756.1	2810.3	2846.5	2888.7
70°	3383.3	3407.4	3437.5	3467.7	3509.9	3540.1	3582.3	3672.7	3727.0	3751.1	3775.3
67.5°	4734.1	4794.5	4848.7	4788.4	4758.3	4716.1	4728.1	4812.5	4866.8	4903.0	4897.0
65°	5934.3	5976.5	5976.5	5970.4	5946.3	5892.0	5922.2	6024.7	6085.0	6115.2	6024.7
62.5°	7345.5	7345.5	7315.3	7363.6	7369.6	7333.4	7315.3	7321.3	7327.4	7345.5	7194.7
60°	8322.4	8382.8	8400.8	8443.1	8455.1	8455.1	8485.3	8509.4	8509.4	8473.2	8298.3
57.5°	9613.0	9727.6	9751.7	9721.6	9661.3	9582.9	9570.8	9534.6	9462.3	9389.9	9305.5
55°	10915.7	10976.0	10969.9	10951.9	10891.5	10801.1	10813.1	10764.9	10650.3	10559.9	10445.3
52.5°	12224.3	12369.1	12393.2	12357.0	12272.6	12176.1	12182.1	12127.9	12013.3	11916.8	11760.0
50°	13894.9	14015.5	14003.4	13943.1	13822.5	13750.1	13756.2	13653.6	13521.0	13490.8	13285.8
47.5°	15806.6	15945.3	15921.2	15836.8	15673.9	15643.8	15673.9	15541.3	15462.9	15396.5	15155.3
45°	18315.4	18478.2	18387.8	18224.9	17965.6	17995.8	18038.0	18013.9	17845.0	17670.1	17362.5
42.5°	21258.4	21360.9	21252.4	21089.6	20763.9	20824.2	20800.1	20655.3	20552.8	20263.3	19871.3
40°	24406.5	24629.6	24460.8	24207.5	23869.7	23960.2	23893.9	23706.9	23465.7	23103.8	22609.3
37.5°	27801.8	27976.7	27783.7	27488.2	27186.7	27156.5	27023.8	26734.3	26390.6	25992.6	25202.5
35°	31052.4	31504.7	31148.9	30678.5	30310.6	30171.9	30045.2	29375.8	28983.8	28338.5	27259.0
32.5°	33470.7	33802.4	33362.1	32873.7	32427.4	32234.4	31788.1	30992.1	30781.0	29424.1	28435.0
30°	34103.9	34079.8	33621.5	33247.6	32765.1	32632.4	31812.2	31136.8	30461.4	29207.0	28266.2
27.5°	32596.2	32445.5	32005.2	31679.6	31203.1	31046.3	30238.2	29876.4	28833.0	27771.6	26975.6
25°	29237.1	29315.5	28983.8	28821.0	28507.4	28169.7	27850.0	27361.5	26710.2	25781.5	25051.8
22.5°	26589.6	26692.1	26553.4	26360.4	26119.2	25932.3	25691.0	25311.1	24683.9	24111.0	23423.5
20°	25118.1	25087.9	24967.3	24822.6	24593.4	24460.8	24195.4	23875.8	23393.3	22898.8	22157.0
17.5°	24346.2	24159.2	24044.6	23990.4	23869.7	23700.9	23387.3	23061.6	22687.7	22126.8	21584.1
15°	23773.2	23803.4	23712.9	23670.7	23574.2	23339.0	23019.4	22754.0	22247.5	21964.0	21469.5
12.5°	23737.1	23706.9	23712.9	23694.8	23574.2	23272.7	23109.9	22772.1	22446.5	22072.6	21505.7
10°	24165.2	23845.6	23869.7	23954.2	23761.2	23520.0	23345.1	22977.2	22669.6	22193.2	21632.3
7.5°	24141.1	23978.3	24026.5	23887.8	23948.1	23652.6	23411.4	23043.5	22657.6	22151.0	21644.4
5°	24285.9	24038.6	23996.4	24008.4	23857.7	23634.5	23308.9	22959.1	22597.2	22030.4	21511.7
2.5°	23954.2	23990.4	23797.4	23725.0	23706.9	23333.0	23031.5	22693.7	22319.8	21819.3	21354.9
0°	23706.9	23773.2	23574.2	23471.7	23465.7	23146.0	22953.1	22567.1	22301.7	21885.6	21324.8
-2.5°	23574.2	23652.6	23676.8	23489.8	23308.9	23061.6	22736.0	22319.8	21885.6	21403.2	20920.7
-5°	23586.3	23429.5	23363.2	23423.5	23266.7	23019.4	22657.6	22289.7	21861.5	21342.8	20739.8
-7.5°	23109.9	22953.1	22941.0	22910.8	22874.7	22639.5	22337.9	21939.9	21505.7	21023.2	20462.4
-10°	22398.2	22283.6	22253.5	22223.3	22126.8	21988.1	21704.7	21342.8	20950.8	20468.4	19871.3
-12.5°	21608.2	21553.9	21439.3	21360.9	21264.4	21101.6	20830.2	20498.5	20106.5	19678.4	19165.7
-15°	20733.7	20631.2	20516.6	20450.3	20311.6	20118.6	19847.2	19539.7	19111.5	18689.3	18206.9
-17.5°	19678.4	19551.7	19425.1	19407.0	19310.5	19015.0	18761.7	18387.8	18013.9	17609.8	17139.4
-20°	18436.0	18261.1	18176.7	18128.5	17995.8	17778.7	17507.3	17163.5	16801.7	16415.7	15873.0



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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°	17061.0	16910.2	16765.5	16675.0	16560.5	16391.6	16132.3	15830.7	15474.9	15040.7	14540.2
-25°	15499.0	15288.0	15197.5	15095.0	15034.7	14877.9	14624.6	14347.2	13979.3	13557.1	13080.7
-27.5°	13713.9	13545.1	13496.8	13352.1	13279.7	13116.9	12905.8	12646.5	12308.8	11910.7	11518.7
-30°	11741.9	11639.4	11561.0	11416.2	11361.9	11187.1	11048.3	10831.2	10523.7	10240.2	9926.6
-32.5°	9715.5	9613.0	9588.9	9522.6	9486.4	9371.8	9215.0	9058.2	8810.9	8599.9	8346.6
-35°	7918.4	7846.0	7852.0	7846.0	7809.8	7725.4	7532.4	7490.2	7309.3	7116.3	6953.5
-37.5°	6483.1	6489.1	6483.1	6477.0	6428.8	6392.6	6253.9	6199.6	6091.1	5904.1	5807.6
-40°	5403.6	5415.6	5409.6	5397.5	5343.3	5325.2	5234.7	5162.3	5120.1	4987.4	4884.9
-42.5°	4529.1	4547.2	4541.2	4535.1	4498.9	4492.9	4444.7	4360.2	4336.1	4257.7	4149.2
-45°	3865.7	3859.7	3847.6	3859.7	3841.6	3823.5	3793.3	3739.1	3708.9	3672.7	3582.3
-47.5°	3341.0	3347.1	3335.0	3335.0	3310.9	3292.8	3280.7	3244.5	3220.4	3190.3	3136.0
-50°	2906.8	2930.9	2924.9	2918.9	2900.8	2888.7	2888.7	2852.5	2816.4	2804.3	2768.1
-52.5°	2569.1	2587.2	2593.2	2605.3	2611.3	2617.3	2599.3	2563.1	2502.8	2496.7	2478.6
-55°	2261.5	2315.8	2352.0	2376.1	2400.2	2418.3	2382.1	2333.9	2273.6	2249.5	2243.4
-57.5°	2050.5	2104.7	2146.9	2183.1	2213.3	2243.4	2207.3	2159.0	2104.7	2074.6	2068.5
-60°	1857.5	1905.7	1947.9	1996.2	2038.4	2086.6	2068.5	2032.4	2002.2	1978.1	1954.0
-62.5°	1652.4	1700.7	1748.9	1809.2	1863.5	1911.7	1917.8	1911.7	1905.7	1911.7	1869.5
-65°	1483.6	1507.7	1537.8	1604.2	1664.5	1718.8	1748.9	1767.0	1797.2	1827.3	1785.1
-67.5°	1302.6	1332.8	1369.0	1417.2	1465.5	1501.7	1543.9	1592.1	1640.4	1688.6	1658.5
-70°	1139.8	1163.9	1194.1	1218.2	1248.4	1272.5	1308.7	1363.0	1417.2	1465.5	1453.4
-72.5°	971.0	995.1	1013.2	1025.2	1043.3	1055.4	1073.5	1121.7	1157.9	1182.0	1182.0
-75°	802.1	826.2	844.3	850.3	862.4	868.4	880.5	898.6	916.7	922.7	928.7
-77.5°	615.1	639.3	657.4	669.4	681.5	693.5	699.6	711.6	717.7	717.7	723.7
-80°	458.3	476.4	488.5	506.6	512.6	524.7	536.7	542.8	548.8	548.8	554.8
-82.5°	325.7	337.7	349.8	361.8	373.9	379.9	392.0	398.0	404.1	410.1	416.1
-85°	217.1	229.2	241.2	253.3	259.3	265.4	271.4	277.4	283.4	289.5	295.5
-87.5°	126.6	132.7	138.7	150.8	156.8	168.9	174.9	168.9	174.9	174.9	174.9
-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°	235.2	235.2	235.2	235.2	229.2	217.1	211.1	199.0	187.0	174.9	162.8
85°	488.5	494.5	494.5	494.5	482.5	476.4	458.3	440.2	416.1	379.9	349.8
82.5°	814.2	820.2	820.2	814.2	802.1	784.0	759.9	729.7	681.5	633.2	591.0
80°	1224.2	1230.3	1230.3	1224.2	1194.1	1163.9	1133.8	1097.6	1037.3	971.0	898.6
77.5°	1712.7	1724.8	1724.8	1706.7	1664.5	1628.3	1580.1	1519.8	1429.3	1332.8	1236.3
75°	2279.6	2309.8	2315.8	2297.7	2243.4	2177.1	2098.7	1996.2	1857.5	1736.9	1622.3
72.5°	2937.0	2967.1	2991.3	2967.1	2888.7	2798.3	2683.7	2563.1	2424.4	2261.5	2068.5
70°	3799.4	3829.5	3847.6	3769.2	3630.5	3479.7	3341.0	3202.3	3039.5	2840.5	2629.4
67.5°	4884.9	4854.8	4818.6	4661.8	4486.9	4306.0	4113.0	3907.9	3696.9	3485.8	3238.5
65°	5928.2	5843.8	5765.4	5578.5	5355.3	5120.1	4897.0	4667.8	4414.5	4149.2	3914.0
62.5°	7025.8	6844.9	6651.9	6422.8	6193.6	5934.3	5711.1	5439.7	5156.3	4830.6	4529.1
60°	8105.3	7888.2	7695.2	7411.8	7110.3	6760.5	6519.2	6253.9	5922.2	5572.4	5216.6
57.5°	9148.7	8913.5	8702.4	8455.1	8129.5	7749.5	7484.2	7140.4	6790.6	6350.4	5988.5
55°	10258.3	10023.1	9854.3	9576.8	9221.0	8871.2	8581.8	8219.9	7731.4	7261.0	6814.8
52.5°	11530.8	11343.9	11162.9	10879.5	10451.3	10095.5	9775.9	9371.8	8859.2	8280.2	7743.5
50°	12954.1	12857.6	12664.6	12332.9	11844.4	11530.8	11108.7	10571.9	10023.1	9414.0	8744.6
47.5°	14841.7	14684.9	14413.5	14051.7	13641.6	13171.2	12604.3	11977.1	11199.1	10523.7	9812.0
45°	17097.2	16807.7	16457.9	15969.4	15462.9	14932.2	14311.0	13514.9	12471.6	11591.1	10843.3
42.5°	19539.7	19147.7	18671.2	18032.0	17374.6	16723.3	16053.9	14968.3	13665.7	12652.5	11808.2
40°	22090.7	21590.1	20993.1	20064.3	19334.6	18496.3	17730.4	16108.2	14721.1	13623.5	12724.9
37.5°	24587.4	23954.2	22953.1	21825.3	20975.0	20287.5	18604.9	16868.0	15625.7	14419.5	13508.9
35°	26499.1	25962.4	24195.4	23025.4	22295.7	21210.2	19105.4	17326.4	16011.7	15010.6	13593.3
32.5°	27632.9	26245.9	24695.9	23513.9	22910.8	21131.8	19141.6	17459.0	16192.6	15070.9	13376.2
30°	27379.6	25703.1	24346.2	23357.1	22048.4	20450.3	18803.9	17254.0	16023.7	14666.8	13135.0
27.5°	25853.9	24557.2	23345.1	22313.8	21029.2	19593.9	18074.2	16711.2	15565.4	14250.7	12803.3
25°	24129.1	22953.1	22054.5	21155.9	19937.7	18568.7	17229.9	16246.9	15095.0	13798.4	12369.1
22.5°	22543.0	21698.7	20993.1	20052.3	18864.2	17670.1	16837.9	15818.7	14636.6	13321.9	11922.8
20°	21529.8	20956.9	20148.8	19111.5	18176.7	17428.9	16506.2	15426.7	14208.5	12833.5	11542.9
17.5°	21041.3	20377.9	19479.3	18803.9	18086.2	17266.1	16234.8	15089.0	13792.3	12610.3	11585.1
15°	20788.0	20088.5	19497.4	18834.1	18025.9	17163.5	16017.7	14829.6	13792.3	12700.8	11615.2
12.5°	20842.3	20239.2	19593.9	18870.2	18001.8	17079.1	16041.8	14938.2	13864.7	12767.1	11621.3
10°	21011.2	20377.9	19690.4	18888.3	18013.9	17103.2	16108.2	15004.5	13900.9	12797.3	11609.2
7.5°	21071.5	20384.0	19648.2	18840.1	17983.7	17091.2	16120.2	15022.6	13906.9	12791.2	11573.0
5°	20884.5	20263.3	19551.7	18737.6	17899.3	17030.9	16072.0	14998.5	13858.7	12730.9	11482.6
2.5°	20631.2	20130.7	19449.2	18665.2	17814.9	16946.4	15993.6	14889.9	13750.1	12622.4	11368.0
0°	20589.0	19967.8	19280.3	18580.8	17676.1	16759.5	15812.6	14684.9	13551.1	12417.3	11169.0
-2.5°	20311.6	19654.2	18966.7	18206.9	17410.8	16488.1	15493.0	14389.4	13267.7	12152.0	10951.9
-5°	20100.5	19370.8	18641.1	17820.9	17018.8	16096.1	15064.8	13991.4	12893.8	11808.2	10650.3
-7.5°	19817.1	19069.3	18303.3	17447.0	16578.6	15637.8	14618.6	13545.1	12465.6	11386.1	10276.4
-10°	19244.1	18586.8	17869.1	16982.6	16065.9	15125.1	14112.0	13056.6	11977.1	10885.5	9769.8
-12.5°	18550.6	17857.1	17073.1	16258.9	15438.7	14564.3	13551.1	12513.8	11428.3	10330.7	9221.0
-15°	17652.0	16970.6	16168.5	15372.4	14582.4	13744.1	12851.5	11916.8	10813.1	9733.6	8624.0
-17.5°	16530.3	15891.0	15173.4	14413.5	13629.5	12785.2	11916.8	11126.7	10095.5	9082.3	7984.7
-20°	15324.2	14727.1	14081.8	13364.2	12580.2	11753.9	10933.8	10107.5	9215.0	8322.4	7303.2



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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°	14069.8	13466.7	12815.4	12145.9	11422.3	10656.3	9896.5	9106.4	8322.4	7514.3	6651.9
-25°	12622.4	12091.7	11494.6	10843.3	10198.0	9528.6	8804.9	8087.2	7417.8	6718.3	6012.7
-27.5°	11108.7	10620.2	10077.4	9510.5	8955.7	8394.8	7767.6	7104.2	6549.4	5970.4	5385.5
-30°	9516.5	9124.5	8684.3	8189.8	7761.6	7309.3	6784.6	6235.8	5729.2	5289.0	4818.6
-32.5°	8008.8	7677.2	7363.6	7037.9	6615.7	6266.0	5904.1	5500.1	5053.8	4637.7	4299.9
-35°	6712.2	6356.4	6223.7	5982.5	5681.0	5373.4	5108.1	4818.6	4480.9	4113.0	3835.6
-37.5°	5620.7	5409.6	5222.6	5090.0	4890.9	4643.7	4432.6	4221.5	3962.2	3684.8	3407.4
-40°	4770.3	4625.6	4420.5	4354.2	4227.6	4058.7	3841.6	3678.8	3503.9	3292.8	3057.6
-42.5°	4088.9	3980.3	3847.6	3733.0	3678.8	3558.1	3389.3	3232.5	3093.8	2949.0	2768.1
-45°	3528.0	3455.6	3371.2	3268.7	3226.5	3130.0	3009.3	2834.5	2756.1	2635.4	2502.8
-47.5°	3075.7	3039.5	2979.2	2912.9	2852.5	2780.2	2671.6	2563.1	2454.5	2376.1	2273.6
-50°	2719.9	2695.7	2659.6	2605.3	2526.9	2478.6	2406.3	2309.8	2207.3	2140.9	2068.5
-52.5°	2436.4	2412.3	2388.2	2346.0	2285.7	2237.4	2177.1	2098.7	2014.3	1947.9	1887.6
-55°	2219.3	2183.1	2165.0	2128.9	2080.6	2026.3	1972.1	1917.8	1845.4	1785.1	1724.8
-57.5°	2050.5	2002.2	1978.1	1947.9	1899.7	1845.4	1803.2	1748.9	1700.7	1634.3	1580.1
-60°	1917.8	1863.5	1815.3	1785.1	1742.9	1688.6	1646.4	1604.2	1555.9	1501.7	1435.3
-62.5°	1809.2	1742.9	1676.6	1640.4	1598.2	1549.9	1507.7	1465.5	1417.2	1363.0	1302.6
-65°	1706.7	1628.3	1543.9	1507.7	1465.5	1417.2	1363.0	1332.8	1290.6	1242.3	1182.0
-67.5°	1580.1	1495.6	1423.3	1381.0	1338.8	1296.6	1248.4	1218.2	1176.0	1115.7	1055.4
-70°	1393.1	1338.8	1290.6	1254.4	1218.2	1182.0	1133.8	1085.5	1037.3	983.0	928.7
-72.5°	1157.9	1139.8	1133.8	1115.7	1073.5	1031.3	983.0	934.8	892.6	850.3	808.1
-75°	934.8	946.8	958.9	952.9	910.6	868.4	826.2	784.0	753.8	717.7	681.5
-77.5°	741.8	753.8	765.9	765.9	735.8	711.6	681.5	651.3	627.2	597.0	560.9
-80°	572.9	591.0	609.1	621.2	597.0	579.0	554.8	530.7	506.6	482.5	458.3
-82.5°	434.2	452.3	470.4	482.5	464.4	452.3	434.2	416.1	398.0	373.9	355.8
-85°	313.6	325.7	337.7	343.8	331.7	319.6	307.6	295.5	283.4	265.4	253.3
-87.5°	180.9	187.0	193.0	199.0	187.0	174.9	168.9	156.8	150.8	138.7	132.7
-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):

	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°	150.8	138.7	126.6	120.6	108.6	90.5	78.4	66.3	54.3	42.2	36.2
85°	319.6	289.5	253.3	235.2	211.1	187.0	162.8	138.7	114.6	90.5	66.3
82.5°	548.8	512.6	476.4	434.2	379.9	313.6	247.3	205.0	168.9	132.7	102.5
80°	826.2	759.9	699.6	645.3	585.0	500.6	410.1	325.7	229.2	174.9	132.7
77.5°	1145.8	1067.4	983.0	892.6	796.1	681.5	579.0	470.4	355.8	241.2	168.9
75°	1507.7	1405.2	1290.6	1163.9	1037.3	886.5	741.8	615.1	482.5	337.7	205.0
72.5°	1911.7	1785.1	1646.4	1477.5	1278.5	1103.6	928.7	759.9	603.1	428.2	277.4
70°	2430.4	2231.4	2026.3	1845.4	1592.1	1314.7	1109.7	916.7	717.7	524.7	349.8
67.5°	2985.2	2744.0	2496.7	2231.4	1911.7	1586.1	1290.6	1073.5	838.3	615.1	416.1
65°	3588.3	3286.8	2973.2	2677.7	2237.4	1851.4	1519.8	1224.2	952.9	699.6	482.5
62.5°	4209.5	3853.7	3491.8	3105.8	2599.3	2122.8	1736.9	1393.1	1061.4	778.0	542.8
60°	4872.9	4456.7	4016.5	3534.0	2943.0	2418.3	1941.9	1568.0	1176.0	856.4	609.1
57.5°	5572.4	5120.1	4601.5	3950.1	3298.8	2701.8	2177.1	1724.8	1278.5	928.7	657.4
55°	6332.3	5813.6	5246.8	4384.4	3648.6	2985.2	2412.3	1881.6	1387.1	989.0	705.6
52.5°	7152.5	6549.4	5831.7	4842.7	4016.5	3274.7	2629.4	2020.3	1489.6	1055.4	747.8
50°	8069.2	7309.3	6344.4	5264.9	4336.1	3546.1	2846.5	2171.1	1574.0	1127.8	784.0
47.5°	9022.0	8201.8	6802.7	5656.9	4661.8	3811.4	3069.7	2303.7	1658.5	1188.1	820.2
45°	10017.1	8823.0	7279.1	6006.6	4945.2	4052.7	3238.5	2424.4	1761.0	1242.3	850.3
42.5°	11000.1	9293.4	7695.2	6356.4	5210.6	4269.8	3377.2	2538.9	1845.4	1296.6	880.5
40°	11464.5	9649.2	8026.9	6597.6	5433.7	4462.8	3497.8	2641.5	1917.8	1332.8	910.6
37.5°	11657.5	9866.3	8244.0	6826.8	5608.6	4565.3	3600.4	2731.9	1978.1	1369.0	934.8
35°	11699.7	9944.7	8352.6	6983.6	5753.3	4661.8	3678.8	2798.3	2026.3	1405.2	958.9
32.5°	11621.3	9920.6	8382.8	7037.9	5843.8	4734.1	3733.0	2846.5	2062.5	1441.4	983.0
30°	11446.4	9793.9	8274.2	7031.9	5910.1	4776.4	3769.2	2882.7	2098.7	1465.5	995.1
27.5°	11162.9	9570.8	8135.5	7037.9	5946.3	4794.5	3787.3	2900.8	2122.8	1483.6	1019.2
25°	10813.1	9269.3	8141.5	7025.8	5952.4	4800.5	3787.3	2900.8	2128.9	1489.6	1037.3
22.5°	10409.1	9269.3	8141.5	7007.7	5916.2	4788.4	3769.2	2888.7	2128.9	1501.7	1055.4
20°	10433.2	9275.3	8123.4	6971.6	5861.9	4752.2	3727.0	2858.6	2110.8	1519.8	1067.4
17.5°	10451.3	9263.2	8087.2	6923.3	5789.5	4691.9	3672.7	2816.4	2110.8	1537.8	1073.5
15°	10451.3	9227.1	8033.0	6850.9	5699.1	4607.5	3594.3	2780.2	2116.8	1543.9	1085.5
12.5°	10433.2	9160.7	7948.5	6754.4	5590.5	4505.0	3546.1	2768.1	2116.8	1549.9	1085.5
10°	10397.0	9070.3	7840.0	6633.8	5488.0	4468.8	3522.0	2744.0	2104.7	1549.9	1085.5
7.5°	10330.7	8961.7	7749.5	6561.5	5427.7	4426.6	3485.8	2707.8	2086.6	1537.8	1097.6
5°	10228.2	8901.4	7677.2	6477.0	5343.3	4396.4	3461.7	2677.7	2074.6	1537.8	1085.5
2.5°	10095.5	8829.0	7592.7	6368.5	5246.8	4293.9	3383.3	2611.3	2032.4	1513.7	1073.5
0°	9878.4	8684.3	7448.0	6217.7	5114.1	4191.4	3304.9	2545.0	1990.1	1489.6	1061.4
-2.5°	9679.4	8491.3	7261.0	6060.9	4987.4	4100.9	3244.5	2508.8	1972.1	1483.6	1055.4
-5°	9402.0	8226.0	7013.8	5855.9	4818.6	4010.5	3184.2	2466.6	1954.0	1471.5	1055.4
-7.5°	9094.4	7948.5	6754.4	5644.8	4649.7	3853.7	3069.7	2400.2	1911.7	1447.4	1049.4
-10°	8618.0	7532.4	6428.8	5403.6	4468.8	3714.9	2973.2	2339.9	1875.6	1423.3	1025.2
-12.5°	8111.4	7074.1	6054.9	5108.1	4263.7	3570.2	2864.6	2273.6	1833.4	1399.1	1013.2
-15°	7574.6	6603.7	5662.9	4800.5	4040.6	3395.3	2750.0	2201.2	1791.1	1369.0	995.1
-17.5°	7013.8	6109.2	5258.8	4486.9	3817.5	3214.4	2629.4	2134.9	1742.9	1338.8	977.0
-20°	6422.8	5602.6	4848.7	4167.3	3582.3	3033.5	2502.8	2056.5	1688.6	1302.6	952.9



REPORT NUMBER: P722070
 CATALOG NUMBER: IFLD-L-SA7E-735-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	5837.8	5102.0	4426.6	3853.7	3341.0	2846.5	2376.1	1978.1	1628.3	1260.4	934.8
-25°	5319.1	4631.6	4052.7	3552.1	3105.8	2665.6	2243.4	1899.7	1562.0	1218.2	910.6
-27.5°	4812.5	4227.6	3684.8	3268.7	2876.7	2490.7	2116.8	1815.3	1495.6	1170.0	886.5
-30°	4342.1	3841.6	3395.3	2991.3	2659.6	2333.9	2008.2	1730.8	1423.3	1121.7	856.4
-32.5°	3914.0	3509.9	3136.0	2750.0	2454.5	2177.1	1905.7	1646.4	1350.9	1073.5	826.2
-35°	3515.9	3202.3	2876.7	2551.0	2249.5	2032.4	1797.2	1555.9	1284.6	1019.2	796.1
-37.5°	3160.1	2906.8	2647.5	2370.1	2110.8	1893.7	1694.6	1465.5	1218.2	971.0	765.9
-40°	2852.5	2647.5	2418.3	2195.2	1978.1	1773.0	1592.1	1375.0	1151.9	934.8	735.8
-42.5°	2569.1	2412.3	2225.3	2038.4	1845.4	1664.5	1489.6	1278.5	1085.5	892.6	705.6
-45°	2352.0	2195.2	2044.4	1875.6	1712.7	1555.9	1381.0	1194.1	1025.2	844.3	675.4
-47.5°	2146.9	2008.2	1869.5	1730.8	1598.2	1453.4	1278.5	1121.7	958.9	802.1	651.3
-50°	1966.0	1833.4	1712.7	1592.1	1477.5	1338.8	1176.0	1049.4	904.6	759.9	621.2
-52.5°	1797.2	1682.6	1562.0	1465.5	1369.0	1230.3	1097.6	977.0	850.3	711.6	591.0
-55°	1646.4	1537.8	1429.3	1338.8	1248.4	1127.8	1019.2	916.7	796.1	675.4	560.9
-57.5°	1501.7	1411.2	1308.7	1224.2	1133.8	1037.3	946.8	850.3	741.8	639.3	530.7
-60°	1369.0	1284.6	1194.1	1109.7	1031.3	952.9	868.4	790.0	693.5	597.0	500.6
-62.5°	1236.3	1163.9	1085.5	1001.1	940.8	868.4	802.1	723.7	645.3	560.9	446.3
-65°	1115.7	1049.4	977.0	904.6	850.3	796.1	735.8	663.4	597.0	518.6	398.0
-67.5°	995.1	934.8	874.5	814.2	765.9	723.7	663.4	609.1	554.8	470.4	349.8
-70°	880.5	832.2	778.0	729.7	693.5	645.3	603.1	554.8	506.6	410.1	295.5
-72.5°	771.9	723.7	681.5	645.3	615.1	572.9	536.7	500.6	434.2	343.8	247.3
-75°	645.3	615.1	591.0	560.9	530.7	500.6	470.4	428.2	361.8	277.4	193.0
-77.5°	530.7	512.6	494.5	470.4	446.3	422.2	386.0	343.8	289.5	217.1	156.8
-80°	434.2	416.1	404.1	379.9	361.8	337.7	301.5	265.4	211.1	168.9	126.6
-82.5°	331.7	319.6	307.6	295.5	277.4	253.3	217.1	187.0	156.8	126.6	96.5
-85°	235.2	229.2	217.1	205.0	187.0	168.9	144.7	126.6	108.6	84.4	66.3
-87.5°	120.6	114.6	108.6	102.5	96.5	84.4	72.4	60.3	54.3	42.2	30.2
-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):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	24.1	18.1	6.0	0.0
85°	48.2	30.2	12.1	0.0
82.5°	72.4	48.2	18.1	0.0
80°	96.5	60.3	30.2	0.0
77.5°	120.6	72.4	36.2	0.0
75°	144.7	90.5	42.2	0.0
72.5°	162.8	102.5	48.2	0.0
70°	193.0	120.6	54.3	0.0
67.5°	241.2	132.7	60.3	0.0
65°	283.4	144.7	66.3	0.0
62.5°	331.7	156.8	72.4	0.0
60°	373.9	168.9	78.4	0.0
57.5°	416.1	199.0	84.4	0.0
55°	452.3	223.1	90.5	0.0
52.5°	494.5	247.3	96.5	0.0
50°	530.7	271.4	102.5	0.0
47.5°	560.9	295.5	102.5	0.0
45°	585.0	313.6	108.6	0.0
42.5°	603.1	331.7	114.6	0.0
40°	621.2	349.8	120.6	0.0
37.5°	639.3	367.9	120.6	0.0
35°	657.4	386.0	126.6	0.0
32.5°	675.4	404.1	126.6	0.0
30°	687.5	416.1	132.7	0.0
27.5°	705.6	428.2	132.7	0.0
25°	711.6	440.2	138.7	0.0
22.5°	723.7	446.3	138.7	0.0
20°	735.8	458.3	138.7	0.0
17.5°	741.8	464.4	144.7	0.0
15°	741.8	470.4	150.8	0.0
12.5°	747.8	476.4	150.8	0.0
10°	747.8	488.5	144.7	0.0
7.5°	759.9	482.5	144.7	0.0
5°	753.8	482.5	144.7	0.0
2.5°	747.8	476.4	144.7	0.0
0°	741.8	476.4	144.7	0.0
-2.5°	741.8	476.4	144.7	0.0
-5°	741.8	476.4	144.7	0.0
-7.5°	735.8	482.5	144.7	0.0
-10°	723.7	482.5	144.7	0.0
-12.5°	717.7	464.4	144.7	0.0
-15°	711.6	458.3	144.7	0.0
-17.5°	699.6	452.3	138.7	0.0
-20°	687.5	446.3	138.7	0.0



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CATALOG NUMBER: IFLD-L-SA7E-735-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	675.4	434.2	138.7	0.0
-25°	663.4	422.2	132.7	0.0
-27.5°	651.3	410.1	132.7	0.0
-30°	633.2	398.0	126.6	0.0
-32.5°	615.1	386.0	126.6	0.0
-35°	603.1	367.9	120.6	0.0
-37.5°	585.0	349.8	120.6	0.0
-40°	566.9	331.7	114.6	0.0
-42.5°	548.8	313.6	108.6	0.0
-45°	524.7	295.5	108.6	0.0
-47.5°	506.6	277.4	102.5	0.0
-50°	476.4	253.3	96.5	0.0
-52.5°	440.2	229.2	90.5	0.0
-55°	404.1	211.1	84.4	0.0
-57.5°	367.9	187.0	84.4	0.0
-60°	331.7	162.8	78.4	0.0
-62.5°	295.5	150.8	72.4	0.0
-65°	259.3	138.7	66.3	0.0
-67.5°	217.1	120.6	60.3	0.0
-70°	180.9	108.6	54.3	0.0
-72.5°	156.8	96.5	48.2	0.0
-75°	132.7	84.4	42.2	0.0
-77.5°	114.6	72.4	36.2	0.0
-80°	90.5	54.3	24.1	0.0
-82.5°	66.3	42.2	18.1	0.0
-85°	42.2	30.2	12.1	0.0
-87.5°	24.1	12.1	6.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)