

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: P722065

Luminaire Tested: **IFLD-M-SA4E-735-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722065
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4E-735-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (64) 3500K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

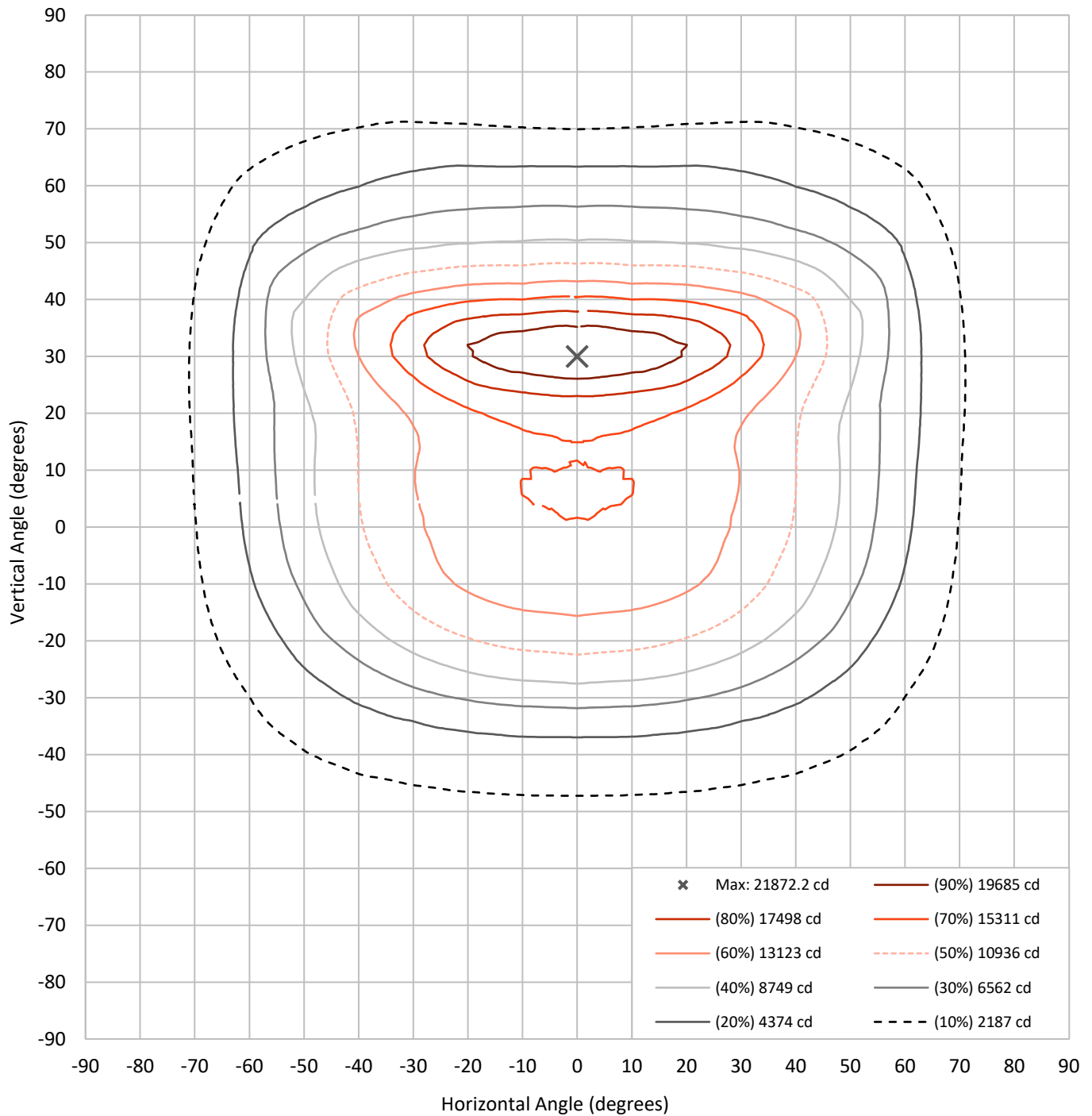
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	36510.2 lumens	Max Intensity:	21872.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	116.0 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	21231.1 lumens	Field Lumens:	34214.8 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 314.8
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



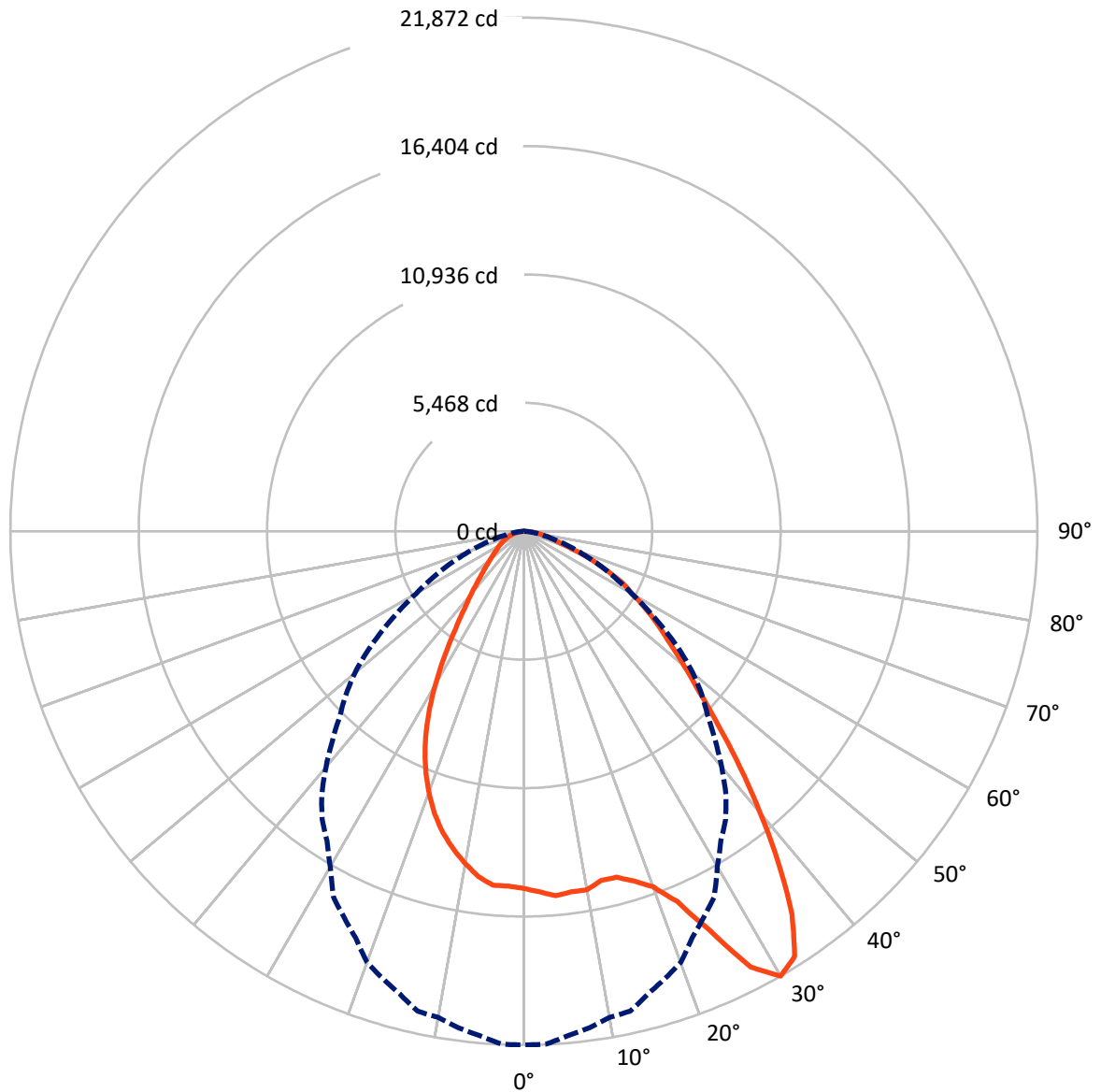
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Iso-Candela Plot



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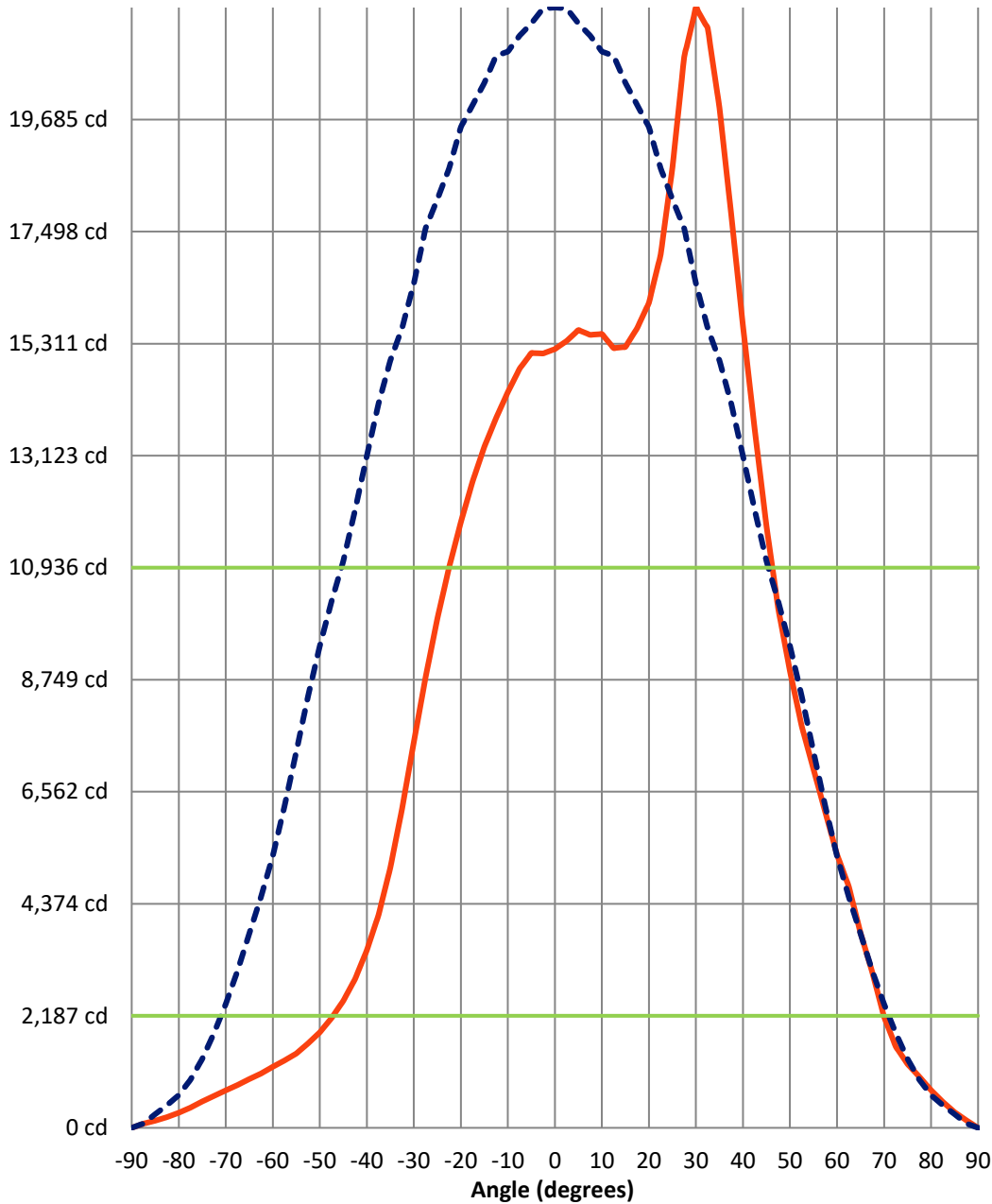
Luminous Intensity Polar Plot



— 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: 21231.1
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 34214.8
 Efficiency: 93.7%

Spill:
 Lumens: 2295.4
 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°	147.0	150.8	154.7	154.7	150.8	150.8	150.8	147.0	150.8	150.8	150.8
85°	305.6	313.3	321.0	317.2	313.3	305.6	297.8	301.7	305.6	309.4	309.4
82.5°	506.7	518.3	526.0	522.1	514.4	506.7	498.9	502.8	510.5	514.4	514.4
80°	734.9	738.7	742.6	750.3	738.7	738.7	734.9	750.3	758.1	765.8	773.6
77.5°	997.9	1001.8	1001.8	1005.6	1009.5	1013.4	1013.4	1040.4	1059.8	1071.4	1083.0
75°	1245.4	1257.0	1268.6	1280.2	1295.7	1303.4	1315.0	1353.7	1384.7	1407.9	1431.1
72.5°	1585.8	1601.3	1620.6	1647.7	1674.7	1694.1	1721.2	1767.6	1802.4	1825.6	1852.7
70°	2169.8	2185.3	2204.6	2224.0	2251.0	2270.4	2297.5	2355.5	2390.3	2405.8	2421.2
67.5°	3036.2	3074.9	3109.7	3071.0	3051.7	3024.6	3032.3	3086.5	3121.3	3144.5	3140.6
65°	3805.9	3833.0	3833.0	3829.1	3813.6	3778.8	3798.1	3863.9	3902.6	3921.9	3863.9
62.5°	4710.9	4710.9	4691.6	4722.5	4726.4	4703.2	4691.6	4695.5	4699.3	4710.9	4614.2
60°	5337.5	5376.2	5387.8	5414.9	5422.6	5422.6	5441.9	5457.4	5457.4	5434.2	5322.0
57.5°	6165.2	6238.7	6254.2	6234.8	6196.2	6145.9	6138.1	6114.9	6068.5	6022.1	5968.0
55°	7000.7	7039.3	7035.5	7023.9	6985.2	6927.2	6934.9	6904.0	6830.5	6772.5	6699.0
52.5°	7840.0	7932.8	7948.3	7925.1	7870.9	7809.0	7812.9	7778.1	7704.6	7642.7	7542.1
50°	8911.3	8988.7	8981.0	8942.3	8864.9	8818.5	8822.4	8756.6	8671.5	8652.2	8520.7
47.5°	10137.4	10226.4	10210.9	10156.8	10052.3	10033.0	10052.3	9967.2	9917.0	9874.4	9719.7
45°	11746.4	11850.8	11792.8	11688.4	11522.1	11541.4	11568.5	11553.0	11444.7	11332.6	11135.3
42.5°	13633.9	13699.6	13630.0	13525.6	13316.7	13355.4	13339.9	13247.1	13181.4	12995.7	12744.3
40°	15652.9	15796.0	15687.7	15525.2	15308.6	15366.6	15324.1	15204.2	15049.5	14817.4	14500.3
37.5°	17830.4	17942.6	17818.8	17629.3	17435.9	17416.6	17331.5	17145.8	16925.4	16670.1	16163.4
35°	19915.1	20205.2	19977.0	19675.3	19439.4	19350.4	19269.2	18839.9	18588.5	18174.6	17482.3
32.5°	21466.1	21678.8	21396.5	21083.2	20797.0	20673.2	20387.0	19876.5	19741.1	18870.8	18236.5
30°	21872.2	21856.8	21562.8	21323.0	21013.6	20928.5	20402.5	19969.3	19536.1	18731.6	18128.2
27.5°	20905.3	20808.6	20526.2	20317.4	20011.8	19911.3	19393.0	19160.9	18491.8	17811.1	17300.5
25°	18750.9	18801.2	18588.5	18484.1	18282.9	18066.3	17861.4	17548.1	17130.3	16534.7	16066.7
22.5°	17053.0	17118.7	17029.8	16906.0	16751.3	16631.4	16476.7	16233.0	15830.8	15463.3	15022.4
20°	16109.3	16089.9	16012.6	15919.7	15772.8	15687.7	15517.5	15312.5	15003.1	14685.9	14210.2
17.5°	15614.2	15494.3	15420.8	15386.0	15308.6	15200.3	14999.2	14790.3	14550.5	14190.8	13842.7
15°	15246.7	15266.1	15208.1	15181.0	15119.1	14968.3	14763.3	14593.1	14268.2	14086.4	13769.3
12.5°	15223.5	15204.2	15208.1	15196.5	15119.1	14925.7	14821.3	14604.7	14395.8	14156.0	13792.5
10°	15498.1	15293.2	15308.6	15362.8	15239.0	15084.3	14972.1	14736.2	14538.9	14233.4	13873.7
7.5°	15482.7	15378.2	15409.2	15320.2	15358.9	15169.4	15014.7	14778.7	14531.2	14206.3	13881.4
5°	15575.5	15416.9	15389.9	15397.6	15300.9	15157.8	14948.9	14724.6	14492.5	14129.0	13796.3
2.5°	15362.8	15386.0	15262.2	15215.8	15204.2	14964.4	14771.0	14554.4	14314.6	13993.6	13695.8
0°	15204.2	15246.7	15119.1	15053.4	15049.5	14844.5	14720.7	14473.2	14303.0	14036.1	13676.4
-2.5°	15119.1	15169.4	15184.9	15065.0	14948.9	14790.3	14581.5	14314.6	14036.1	13726.7	13417.3
-5°	15126.8	15026.3	14983.7	15022.4	14921.9	14763.3	14531.2	14295.3	14020.7	13688.0	13301.3
-7.5°	14821.3	14720.7	14713.0	14693.7	14670.4	14519.6	14326.2	14070.9	13792.5	13483.0	13123.3
-10°	14364.9	14291.4	14272.1	14252.7	14190.8	14101.9	13920.1	13688.0	13436.6	13127.2	12744.3
-12.5°	13858.2	13823.4	13749.9	13699.6	13637.8	13533.3	13359.3	13146.5	12895.1	12620.5	12291.8
-15°	13297.4	13231.6	13158.1	13115.6	13026.6	12902.9	12728.8	12531.6	12257.0	11986.2	11676.8
-17.5°	12620.5	12539.3	12458.1	12446.5	12384.6	12195.1	12032.6	11792.8	11553.0	11293.9	10992.2
-20°	11823.8	11711.6	11657.5	11626.5	11541.4	11402.2	11228.1	11007.7	10775.6	10528.1	10180.0



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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°	10941.9	10845.2	10752.4	10694.4	10620.9	10512.6	10346.3	10152.9	9924.7	9646.2	9325.2
-25°	9940.2	9804.8	9746.8	9681.0	9642.3	9541.8	9379.3	9201.4	8965.5	8694.7	8389.2
-27.5°	8795.3	8687.0	8656.1	8563.2	8516.8	8412.4	8277.0	8110.7	7894.1	7638.8	7387.4
-30°	7530.5	7464.8	7414.5	7321.7	7286.9	7174.7	7085.8	6946.5	6749.3	6567.5	6366.3
-32.5°	6231.0	6165.2	6149.8	6107.2	6084.0	6010.5	5909.9	5809.4	5650.8	5515.4	5353.0
-35°	5078.4	5032.0	5035.8	5032.0	5008.8	4954.6	4830.8	4803.8	4687.7	4564.0	4459.5
-37.5°	4157.9	4161.7	4157.9	4154.0	4123.0	4099.8	4010.9	3976.1	3906.4	3786.5	3724.7
-40°	3465.5	3473.3	3469.4	3461.7	3426.8	3415.2	3357.2	3310.8	3283.7	3198.6	3132.9
-42.5°	2904.7	2916.3	2912.4	2908.6	2885.4	2881.5	2850.5	2796.4	2780.9	2730.6	2661.0
-45°	2479.2	2475.4	2467.6	2475.4	2463.8	2452.2	2432.8	2398.0	2378.7	2355.5	2297.5
-47.5°	2142.7	2146.6	2138.9	2138.9	2123.4	2111.8	2104.1	2080.9	2065.4	2046.0	2011.2
-50°	1864.3	1879.7	1875.9	1872.0	1860.4	1852.7	1852.7	1829.5	1806.2	1798.5	1775.3
-52.5°	1647.7	1659.3	1663.1	1670.9	1674.7	1678.6	1667.0	1643.8	1605.1	1601.3	1589.7
-55°	1450.4	1485.2	1508.4	1523.9	1539.4	1551.0	1527.8	1496.8	1458.1	1442.7	1438.8
-57.5°	1315.0	1349.9	1376.9	1400.1	1419.5	1438.8	1415.6	1384.7	1349.9	1330.5	1326.6
-60°	1191.3	1222.2	1249.3	1280.2	1307.3	1338.2	1326.6	1303.4	1284.1	1268.6	1253.2
-62.5°	1059.8	1090.7	1121.7	1160.3	1195.1	1226.1	1230.0	1226.1	1222.2	1226.1	1199.0
-65°	951.5	966.9	986.3	1028.8	1067.5	1102.3	1121.7	1133.3	1152.6	1171.9	1144.9
-67.5°	835.4	854.8	878.0	908.9	939.9	963.1	990.1	1021.1	1052.0	1083.0	1063.6
-70°	731.0	746.5	765.8	781.3	800.6	816.1	839.3	874.1	908.9	939.9	932.1
-72.5°	622.7	638.2	649.8	657.5	669.1	676.9	688.5	719.4	742.6	758.1	758.1
-75°	514.4	529.9	541.5	545.4	553.1	557.0	564.7	576.3	587.9	591.8	595.6
-77.5°	394.5	410.0	421.6	429.3	437.1	444.8	448.7	456.4	460.3	460.3	464.1
-80°	294.0	305.6	313.3	324.9	328.8	336.5	344.2	348.1	352.0	352.0	355.8
-82.5°	208.9	216.6	224.3	232.1	239.8	243.7	251.4	255.3	259.1	263.0	266.9
-85°	139.2	147.0	154.7	162.4	166.3	170.2	174.0	177.9	181.8	185.7	189.5
-87.5°	81.2	85.1	89.0	96.7	100.6	108.3	112.2	108.3	112.2	112.2	112.2
-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°	150.8	150.8	150.8	150.8	147.0	139.2	135.4	127.6	119.9	112.2	104.4
85°	313.3	317.2	317.2	317.2	309.4	305.6	294.0	282.3	266.9	243.7	224.3
82.5°	522.1	526.0	526.0	522.1	514.4	502.8	487.3	468.0	437.1	406.1	379.0
80°	785.2	789.0	789.0	785.2	765.8	746.5	727.1	703.9	665.3	622.7	576.3
77.5°	1098.4	1106.2	1106.2	1094.6	1067.5	1044.3	1013.4	974.7	916.7	854.8	792.9
75°	1462.0	1481.4	1485.2	1473.6	1438.8	1396.3	1346.0	1280.2	1191.3	1113.9	1040.4
72.5°	1883.6	1902.9	1918.4	1902.9	1852.7	1794.6	1721.2	1643.8	1554.8	1450.4	1326.6
70°	2436.7	2456.0	2467.6	2417.4	2328.4	2231.7	2142.7	2053.8	1949.4	1821.7	1686.3
67.5°	3132.9	3113.6	3090.3	2989.8	2877.6	2761.6	2637.8	2506.3	2370.9	2235.6	2077.0
65°	3802.0	3747.9	3697.6	3577.7	3434.6	3283.7	3140.6	2993.7	2831.2	2661.0	2510.2
62.5°	4506.0	4389.9	4266.1	4119.2	3972.2	3805.9	3662.8	3488.7	3306.9	3098.1	2904.7
60°	5198.3	5059.0	4935.3	4753.5	4560.1	4335.8	4181.1	4010.9	3798.1	3573.8	3345.6
57.5°	5867.4	5716.6	5581.2	5422.6	5213.8	4970.1	4799.9	4579.4	4355.1	4072.8	3840.7
55°	6579.1	6428.2	6319.9	6142.0	5913.8	5689.5	5503.8	5271.8	4958.5	4656.8	4370.6
52.5°	7395.2	7275.3	7159.2	6977.5	6702.8	6474.6	6269.7	6010.5	5681.8	5310.4	4966.2
50°	8308.0	8246.1	8122.3	7909.6	7596.3	7395.2	7124.4	6780.2	6428.2	6037.6	5608.3
47.5°	9518.6	9418.0	9244.0	9011.9	8748.9	8447.2	8083.6	7681.4	7182.4	6749.3	6292.9
45°	10965.1	10779.5	10555.1	10241.9	9917.0	9576.6	9178.2	8667.7	7998.5	7433.9	6954.2
42.5°	12531.6	12280.2	11974.6	11564.6	11143.0	10725.3	10296.0	9599.8	8764.4	8114.6	7573.1
40°	14167.6	13846.6	13463.7	12868.1	12400.1	11862.4	11371.2	10330.8	9441.2	8737.3	8161.0
37.5°	15768.9	15362.8	14720.7	13997.5	13452.1	13011.2	11932.1	10818.1	10021.4	9247.8	8663.8
35°	16995.0	16650.7	15517.5	14767.1	14299.1	13602.9	12253.1	11112.1	10268.9	9626.9	8717.9
32.5°	17722.1	16832.5	15838.5	15080.4	14693.7	13552.7	12276.3	11197.2	10385.0	9665.6	8578.7
30°	17559.7	16484.4	15614.2	14979.9	14140.6	13115.6	12059.7	11065.7	10276.7	9406.4	8424.0
27.5°	16581.1	15749.6	14972.1	14310.7	13486.9	12566.4	11591.7	10717.6	9982.7	9139.5	8211.3
25°	15474.9	14720.7	14144.4	13568.1	12786.8	11908.9	11050.2	10419.8	9681.0	8849.5	7932.8
22.5°	14457.7	13916.2	13463.7	12860.3	12098.4	11332.6	10798.8	10145.2	9387.1	8543.9	7646.6
20°	13807.9	13440.5	12922.2	12257.0	11657.5	11177.9	10586.1	9893.8	9112.5	8230.6	7402.9
17.5°	13494.6	13069.2	12492.9	12059.7	11599.4	11073.4	10412.0	9677.2	8845.6	8087.5	7430.0
15°	13332.2	12883.5	12504.5	12079.0	11560.8	11007.7	10272.8	9510.8	8845.6	8145.5	7449.3
12.5°	13367.0	12980.2	12566.4	12102.2	11545.3	10953.5	10288.3	9580.5	8892.0	8188.1	7453.2
10°	13475.3	13069.2	12628.3	12113.9	11553.0	10969.0	10330.8	9623.0	8915.2	8207.4	7445.5
7.5°	13514.0	13073.1	12601.2	12082.9	11533.7	10961.3	10338.5	9634.6	8919.1	8203.5	7422.2
5°	13394.1	12995.7	12539.3	12017.2	11479.5	10922.6	10307.6	9619.1	8888.1	8164.9	7364.2
2.5°	13231.6	12910.6	12473.6	11970.7	11425.4	10868.4	10257.3	9549.5	8818.5	8095.2	7290.7
0°	13204.6	12806.2	12365.3	11916.6	11336.4	10748.5	10141.3	9418.0	8690.9	7963.7	7163.1
-2.5°	13026.6	12605.1	12164.1	11676.8	11166.2	10574.5	9936.3	9228.5	8509.1	7793.6	7023.9
-5°	12891.3	12423.3	11955.3	11429.3	10914.8	10323.1	9661.7	8973.2	8269.3	7573.1	6830.5
-7.5°	12709.5	12229.9	11738.7	11189.5	10632.5	10029.1	9375.5	8687.0	7994.7	7302.3	6590.7
-10°	12342.0	11920.5	11460.2	10891.6	10303.7	9700.4	9050.6	8373.7	7681.4	6981.3	6265.8
-12.5°	11897.3	11452.5	10949.7	10427.5	9901.5	9340.7	8690.9	8025.6	7329.4	6625.5	5913.8
-15°	11321.0	10883.9	10369.5	9858.9	9352.3	8814.6	8242.2	7642.7	6934.9	6242.6	5530.9
-17.5°	10601.6	10191.6	9731.3	9244.0	8741.2	8199.7	7642.7	7136.0	6474.6	5824.9	5120.9
-20°	9828.0	9445.1	9031.2	8571.0	8068.2	7538.3	7012.3	6482.4	5909.9	5337.5	4683.9



REPORT NUMBER: P722065
 CATALOG NUMBER: IFLD-M-SA4E-735-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	9023.5	8636.7	8219.0	7789.7	7325.6	6834.3	6347.0	5840.3	5337.5	4819.2	4266.1
-25°	8095.2	7754.9	7372.0	6954.2	6540.4	6111.1	5646.9	5186.7	4757.4	4308.7	3856.2
-27.5°	7124.4	6811.1	6463.0	6099.5	5743.6	5383.9	4981.7	4556.2	4200.4	3829.1	3453.9
-30°	6103.3	5851.9	5569.6	5252.4	4977.8	4687.7	4351.2	3999.3	3674.4	3392.0	3090.3
-32.5°	5136.4	4923.7	4722.5	4513.7	4242.9	4018.6	3786.5	3527.4	3241.2	2974.3	2757.7
-35°	4304.8	4076.6	3991.5	3836.8	3643.4	3446.2	3276.0	3090.3	2873.8	2637.8	2459.9
-37.5°	3604.8	3469.4	3349.5	3264.4	3136.8	2978.2	2842.8	2707.4	2541.1	2363.2	2185.3
-40°	3059.4	2966.6	2835.1	2792.5	2711.3	2603.0	2463.8	2359.3	2247.2	2111.8	1961.0
-42.5°	2622.3	2552.7	2467.6	2394.1	2359.3	2282.0	2173.7	2073.1	1984.2	1891.3	1775.3
-45°	2262.6	2216.2	2162.1	2096.3	2069.3	2007.4	1930.0	1817.9	1767.6	1690.2	1605.1
-47.5°	1972.6	1949.4	1910.7	1868.1	1829.5	1783.0	1713.4	1643.8	1574.2	1523.9	1458.1
-50°	1744.4	1728.9	1705.7	1670.9	1620.6	1589.7	1543.2	1481.4	1415.6	1373.1	1326.6
-52.5°	1562.6	1547.1	1531.6	1504.6	1465.9	1434.9	1396.3	1346.0	1291.8	1249.3	1210.6
-55°	1423.3	1400.1	1388.5	1365.3	1334.4	1299.6	1264.8	1230.0	1183.5	1144.9	1106.2
-57.5°	1315.0	1284.1	1268.6	1249.3	1218.3	1183.5	1156.5	1121.7	1090.7	1048.2	1013.4
-60°	1230.0	1195.1	1164.2	1144.9	1117.8	1083.0	1055.9	1028.8	997.9	963.1	920.5
-62.5°	1160.3	1117.8	1075.2	1052.0	1025.0	994.0	966.9	939.9	908.9	874.1	835.4
-65°	1094.6	1044.3	990.1	966.9	939.9	908.9	874.1	854.8	827.7	796.8	758.1
-67.5°	1013.4	959.2	912.8	885.7	858.6	831.6	800.6	781.3	754.2	715.5	676.9
-70°	893.5	858.6	827.7	804.5	781.3	758.1	727.1	696.2	665.3	630.4	595.6
-72.5°	742.6	731.0	727.1	715.5	688.5	661.4	630.4	599.5	572.4	545.4	518.3
-75°	599.5	607.2	615.0	611.1	584.0	557.0	529.9	502.8	483.5	460.3	437.1
-77.5°	475.7	483.5	491.2	491.2	471.9	456.4	437.1	417.7	402.2	382.9	359.7
-80°	367.4	379.0	390.6	398.4	382.9	371.3	355.8	340.4	324.9	309.4	294.0
-82.5°	278.5	290.1	301.7	309.4	297.8	290.1	278.5	266.9	255.3	239.8	228.2
-85°	201.1	208.9	216.6	220.5	212.7	205.0	197.3	189.5	181.8	170.2	162.4
-87.5°	116.0	119.9	123.8	127.6	119.9	112.2	108.3	100.6	96.7	89.0	85.1
-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°	96.7	89.0	81.2	77.4	69.6	58.0	50.3	42.5	34.8	27.1	23.2
85°	205.0	185.7	162.4	150.8	135.4	119.9	104.4	89.0	73.5	58.0	42.5
82.5°	352.0	328.8	305.6	278.5	243.7	201.1	158.6	131.5	108.3	85.1	65.8
80°	529.9	487.3	448.7	413.9	375.2	321.0	263.0	208.9	147.0	112.2	85.1
77.5°	734.9	684.6	630.4	572.4	510.5	437.1	371.3	301.7	228.2	154.7	108.3
75°	966.9	901.2	827.7	746.5	665.3	568.6	475.7	394.5	309.4	216.6	131.5
72.5°	1226.1	1144.9	1055.9	947.6	820.0	707.8	595.6	487.3	386.8	274.6	177.9
70°	1558.7	1431.1	1299.6	1183.5	1021.1	843.2	711.7	587.9	460.3	336.5	224.3
67.5°	1914.5	1759.8	1601.3	1431.1	1226.1	1017.2	827.7	688.5	537.6	394.5	266.9
65°	2301.3	2107.9	1906.8	1717.3	1434.9	1187.4	974.7	785.2	611.1	448.7	309.4
62.5°	2699.7	2471.5	2239.4	1991.9	1667.0	1361.5	1113.9	893.5	680.7	498.9	348.1
60°	3125.2	2858.3	2575.9	2266.5	1887.5	1551.0	1245.4	1005.6	754.2	549.2	390.6
57.5°	3573.8	3283.7	2951.1	2533.4	2115.7	1732.8	1396.3	1106.2	820.0	595.6	421.6
55°	4061.2	3728.5	3365.0	2811.9	2340.0	1914.5	1547.1	1206.7	889.6	634.3	452.5
52.5°	4587.2	4200.4	3740.1	3105.8	2575.9	2100.2	1686.3	1295.7	955.3	676.9	479.6
50°	5175.1	4687.7	4068.9	3376.6	2780.9	2274.2	1825.6	1392.4	1009.5	723.3	502.8
47.5°	5786.2	5260.2	4362.8	3628.0	2989.8	2444.4	1968.7	1477.5	1063.6	762.0	526.0
45°	6424.4	5658.5	4668.4	3852.3	3171.6	2599.1	2077.0	1554.8	1129.4	796.8	545.4
42.5°	7054.8	5960.2	4935.3	4076.6	3341.8	2738.4	2166.0	1628.3	1183.5	831.6	564.7
40°	7352.6	6188.4	5148.0	4231.3	3484.9	2862.1	2243.3	1694.1	1230.0	854.8	584.0
37.5°	7476.4	6327.7	5287.2	4378.3	3597.0	2927.9	2309.1	1752.1	1268.6	878.0	599.5
35°	7503.5	6377.9	5356.9	4478.9	3689.9	2989.8	2359.3	1794.6	1299.6	901.2	615.0
32.5°	7453.2	6362.5	5376.2	4513.7	3747.9	3036.2	2394.1	1825.6	1322.8	924.4	630.4
30°	7341.0	6281.3	5306.6	4509.8	3790.4	3063.3	2417.4	1848.8	1346.0	939.9	638.2
27.5°	7159.2	6138.1	5217.6	4513.7	3813.6	3074.9	2429.0	1860.4	1361.5	951.5	653.7
25°	6934.9	5944.8	5221.5	4506.0	3817.5	3078.7	2429.0	1860.4	1365.3	955.3	665.3
22.5°	6675.8	5944.8	5221.5	4494.3	3794.3	3071.0	2417.4	1852.7	1365.3	963.1	676.9
20°	6691.2	5948.6	5209.9	4471.1	3759.5	3047.8	2390.3	1833.3	1353.7	974.7	684.6
17.5°	6702.8	5940.9	5186.7	4440.2	3713.1	3009.1	2355.5	1806.2	1353.7	986.3	688.5
15°	6702.8	5917.7	5151.9	4393.8	3655.0	2955.0	2305.2	1783.0	1357.6	990.1	696.2
12.5°	6691.2	5875.1	5097.7	4331.9	3585.4	2889.2	2274.2	1775.3	1357.6	994.0	696.2
10°	6668.0	5817.1	5028.1	4254.5	3519.7	2866.0	2258.8	1759.8	1349.9	994.0	696.2
7.5°	6625.5	5747.5	4970.1	4208.1	3481.0	2838.9	2235.6	1736.6	1338.2	986.3	703.9
5°	6559.7	5708.8	4923.7	4154.0	3426.8	2819.6	2220.1	1717.3	1330.5	986.3	696.2
2.5°	6474.6	5662.4	4869.5	4084.4	3365.0	2753.9	2169.8	1674.7	1303.4	970.8	688.5
0°	6335.4	5569.6	4776.7	3987.7	3279.9	2688.1	2119.5	1632.2	1276.4	955.3	680.7
-2.5°	6207.8	5445.8	4656.8	3887.1	3198.6	2630.1	2080.9	1609.0	1264.8	951.5	676.9
-5°	6029.9	5275.6	4498.2	3755.6	3090.3	2572.1	2042.2	1581.9	1253.2	943.7	676.9
-7.5°	5832.6	5097.7	4331.9	3620.2	2982.0	2471.5	1968.7	1539.4	1226.1	928.3	673.0
-10°	5527.0	4830.8	4123.0	3465.5	2866.0	2382.5	1906.8	1500.7	1202.9	912.8	657.5
-12.5°	5202.1	4536.9	3883.2	3276.0	2734.5	2289.7	1837.2	1458.1	1175.8	897.3	649.8
-15°	4857.9	4235.2	3631.8	3078.7	2591.4	2177.6	1763.7	1411.7	1148.7	878.0	638.2
-17.5°	4498.2	3918.0	3372.7	2877.6	2448.3	2061.5	1686.3	1369.2	1117.8	858.6	626.6
-20°	4119.2	3593.2	3109.7	2672.6	2297.5	1945.5	1605.1	1318.9	1083.0	835.4	611.1



REPORT NUMBER: P722065
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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°	3744.0	3272.1	2838.9	2471.5	2142.7	1825.6	1523.9	1268.6	1044.3	808.4	599.5
-25°	3411.4	2970.4	2599.1	2278.1	1991.9	1709.6	1438.8	1218.3	1001.8	781.3	584.0
-27.5°	3086.5	2711.3	2363.2	2096.3	1844.9	1597.4	1357.6	1164.2	959.2	750.3	568.6
-30°	2784.8	2463.8	2177.6	1918.4	1705.7	1496.8	1288.0	1110.0	912.8	719.4	549.2
-32.5°	2510.2	2251.0	2011.2	1763.7	1574.2	1396.3	1222.2	1055.9	866.4	688.5	529.9
-35°	2254.9	2053.8	1844.9	1636.1	1442.7	1303.4	1152.6	997.9	823.8	653.7	510.5
-37.5°	2026.7	1864.3	1698.0	1520.0	1353.7	1214.5	1086.8	939.9	781.3	622.7	491.2
-40°	1829.5	1698.0	1551.0	1407.9	1268.6	1137.1	1021.1	881.9	738.7	599.5	471.9
-42.5°	1647.7	1547.1	1427.2	1307.3	1183.5	1067.5	955.3	820.0	696.2	572.4	452.5
-45°	1508.4	1407.9	1311.2	1202.9	1098.4	997.9	885.7	765.8	657.5	541.5	433.2
-47.5°	1376.9	1288.0	1199.0	1110.0	1025.0	932.1	820.0	719.4	615.0	514.4	417.7
-50°	1260.9	1175.8	1098.4	1021.1	947.6	858.6	754.2	673.0	580.2	487.3	398.4
-52.5°	1152.6	1079.1	1001.8	939.9	878.0	789.0	703.9	626.6	545.4	456.4	379.0
-55°	1055.9	986.3	916.7	858.6	800.6	723.3	653.7	587.9	510.5	433.2	359.7
-57.5°	963.1	905.1	839.3	785.2	727.1	665.3	607.2	545.4	475.7	410.0	340.4
-60°	878.0	823.8	765.8	711.7	661.4	611.1	557.0	506.7	444.8	382.9	321.0
-62.5°	792.9	746.5	696.2	642.0	603.4	557.0	514.4	464.1	413.9	359.7	286.2
-65°	715.5	673.0	626.6	580.2	545.4	510.5	471.9	425.5	382.9	332.6	255.3
-67.5°	638.2	599.5	560.8	522.1	491.2	464.1	425.5	390.6	355.8	301.7	224.3
-70°	564.7	533.8	498.9	468.0	444.8	413.9	386.8	355.8	324.9	263.0	189.5
-72.5°	495.1	464.1	437.1	413.9	394.5	367.4	344.2	321.0	278.5	220.5	158.6
-75°	413.9	394.5	379.0	359.7	340.4	321.0	301.7	274.6	232.1	177.9	123.8
-77.5°	340.4	328.8	317.2	301.7	286.2	270.7	247.5	220.5	185.7	139.2	100.6
-80°	278.5	266.9	259.1	243.7	232.1	216.6	193.4	170.2	135.4	108.3	81.2
-82.5°	212.7	205.0	197.3	189.5	177.9	162.4	139.2	119.9	100.6	81.2	61.9
-85°	150.8	147.0	139.2	131.5	119.9	108.3	92.8	81.2	69.6	54.1	42.5
-87.5°	77.4	73.5	69.6	65.8	61.9	54.1	46.4	38.7	34.8	27.1	19.3
-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°	15.5	11.6	3.9	0.0
85°	30.9	19.3	7.7	0.0
82.5°	46.4	30.9	11.6	0.0
80°	61.9	38.7	19.3	0.0
77.5°	77.4	46.4	23.2	0.0
75°	92.8	58.0	27.1	0.0
72.5°	104.4	65.8	30.9	0.0
70°	123.8	77.4	34.8	0.0
67.5°	154.7	85.1	38.7	0.0
65°	181.8	92.8	42.5	0.0
62.5°	212.7	100.6	46.4	0.0
60°	239.8	108.3	50.3	0.0
57.5°	266.9	127.6	54.1	0.0
55°	290.1	143.1	58.0	0.0
52.5°	317.2	158.6	61.9	0.0
50°	340.4	174.0	65.8	0.0
47.5°	359.7	189.5	65.8	0.0
45°	375.2	201.1	69.6	0.0
42.5°	386.8	212.7	73.5	0.0
40°	398.4	224.3	77.4	0.0
37.5°	410.0	235.9	77.4	0.0
35°	421.6	247.5	81.2	0.0
32.5°	433.2	259.1	81.2	0.0
30°	440.9	266.9	85.1	0.0
27.5°	452.5	274.6	85.1	0.0
25°	456.4	282.3	89.0	0.0
22.5°	464.1	286.2	89.0	0.0
20°	471.9	294.0	89.0	0.0
17.5°	475.7	297.8	92.8	0.0
15°	475.7	301.7	96.7	0.0
12.5°	479.6	305.6	96.7	0.0
10°	479.6	313.3	92.8	0.0
7.5°	487.3	309.4	92.8	0.0
5°	483.5	309.4	92.8	0.0
2.5°	479.6	305.6	92.8	0.0
0°	475.7	305.6	92.8	0.0
-2.5°	475.7	305.6	92.8	0.0
-5°	475.7	305.6	92.8	0.0
-7.5°	471.9	309.4	92.8	0.0
-10°	464.1	309.4	92.8	0.0
-12.5°	460.3	297.8	92.8	0.0
-15°	456.4	294.0	92.8	0.0
-17.5°	448.7	290.1	89.0	0.0
-20°	440.9	286.2	89.0	0.0



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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	433.2	278.5	89.0	0.0
-25°	425.5	270.7	85.1	0.0
-27.5°	417.7	263.0	85.1	0.0
-30°	406.1	255.3	81.2	0.0
-32.5°	394.5	247.5	81.2	0.0
-35°	386.8	235.9	77.4	0.0
-37.5°	375.2	224.3	77.4	0.0
-40°	363.6	212.7	73.5	0.0
-42.5°	352.0	201.1	69.6	0.0
-45°	336.5	189.5	69.6	0.0
-47.5°	324.9	177.9	65.8	0.0
-50°	305.6	162.4	61.9	0.0
-52.5°	282.3	147.0	58.0	0.0
-55°	259.1	135.4	54.1	0.0
-57.5°	235.9	119.9	54.1	0.0
-60°	212.7	104.4	50.3	0.0
-62.5°	189.5	96.7	46.4	0.0
-65°	166.3	89.0	42.5	0.0
-67.5°	139.2	77.4	38.7	0.0
-70°	116.0	69.6	34.8	0.0
-72.5°	100.6	61.9	30.9	0.0
-75°	85.1	54.1	27.1	0.0
-77.5°	73.5	46.4	23.2	0.0
-80°	58.0	34.8	15.5	0.0
-82.5°	42.5	27.1	11.6	0.0
-85°	27.1	19.3	7.7	0.0
-87.5°	15.5	7.7	3.9	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)