

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: P722066

Luminaire Tested: **IFLD-L-SA7A-735-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722066
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7A-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

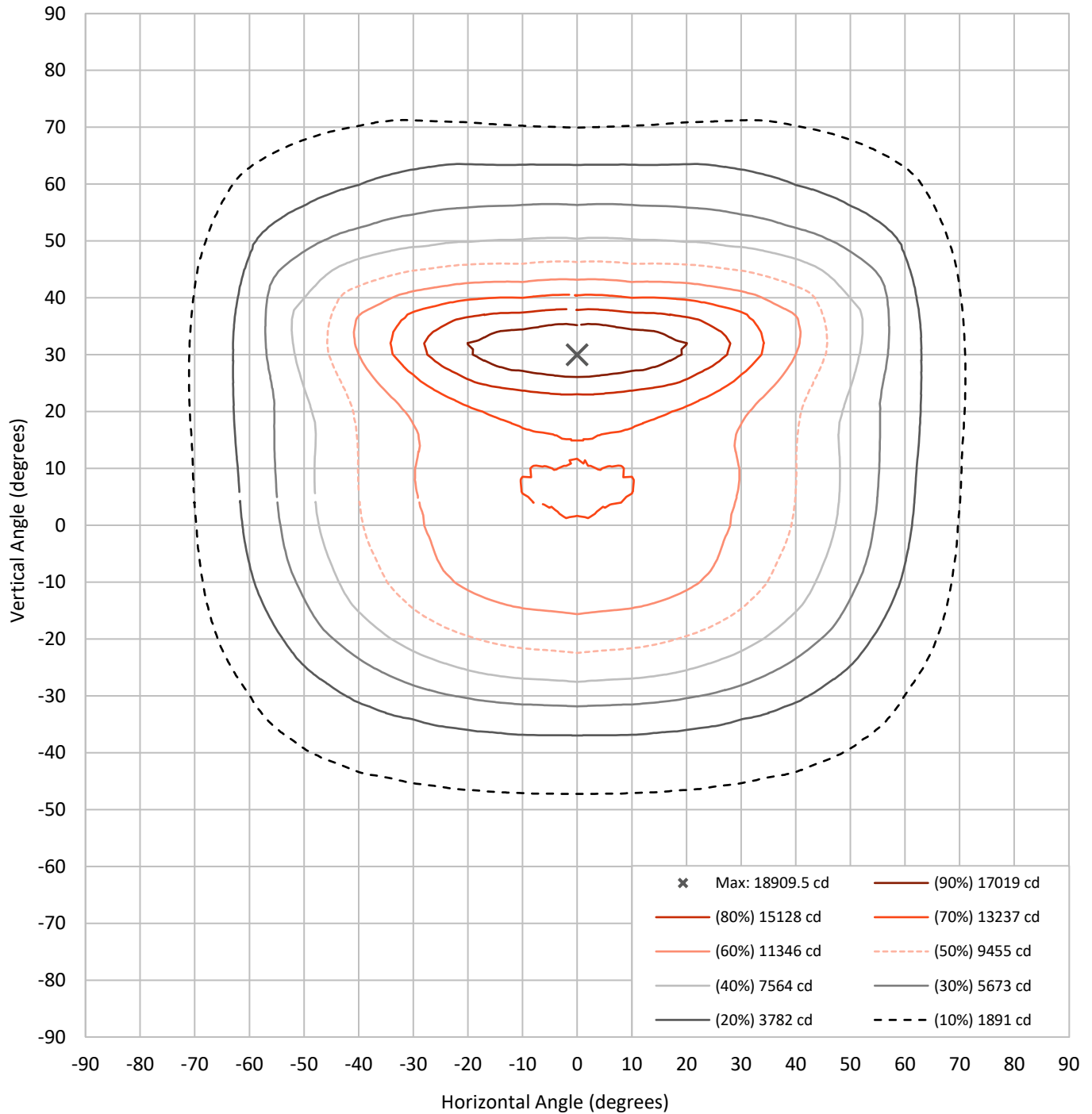
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	31564.8 lumens	Max Intensity:	18909.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	145.1 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	18355.3 lumens	Field Lumens:	29580.3 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 217.6
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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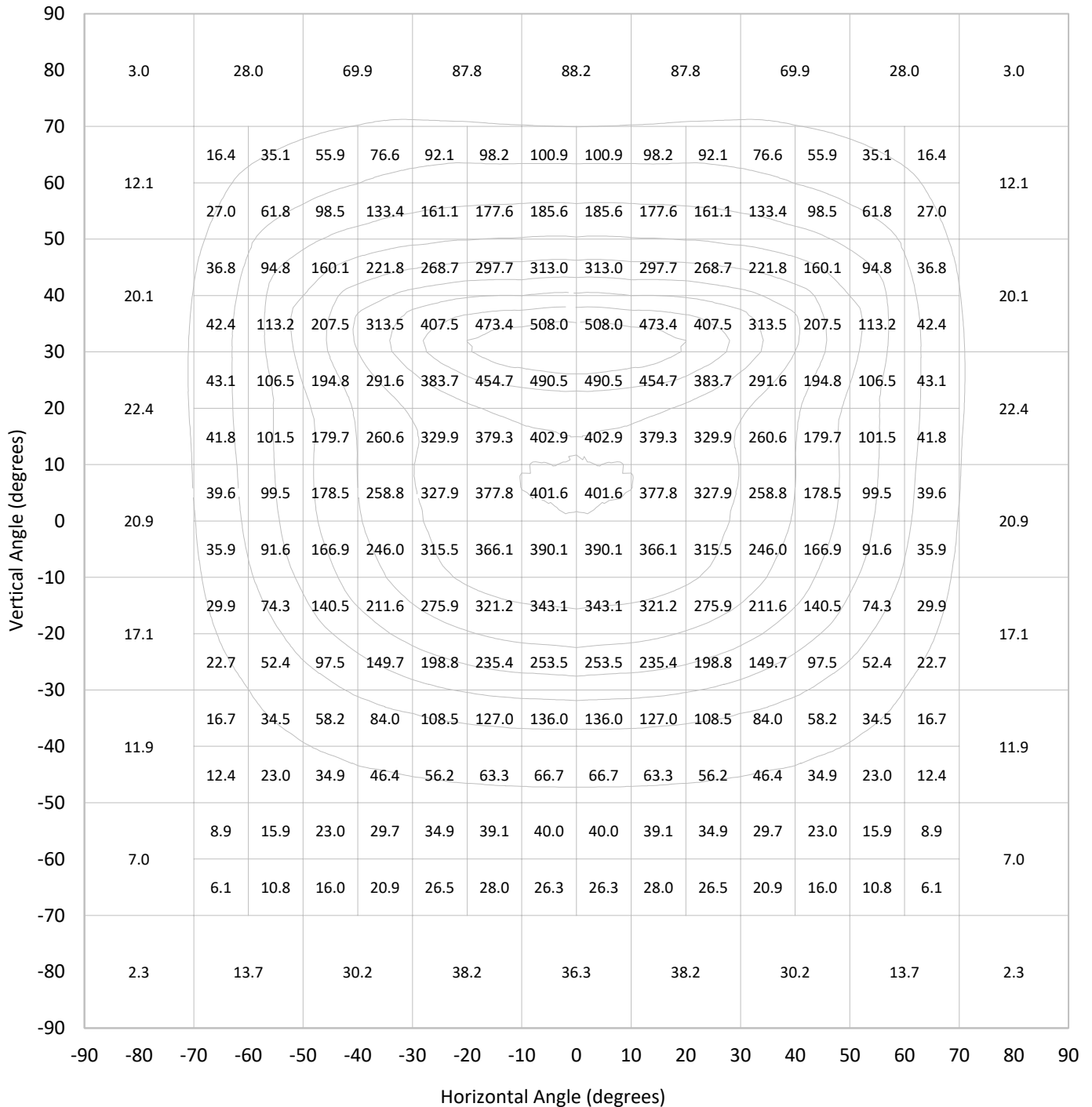
Iso-Candela Plot





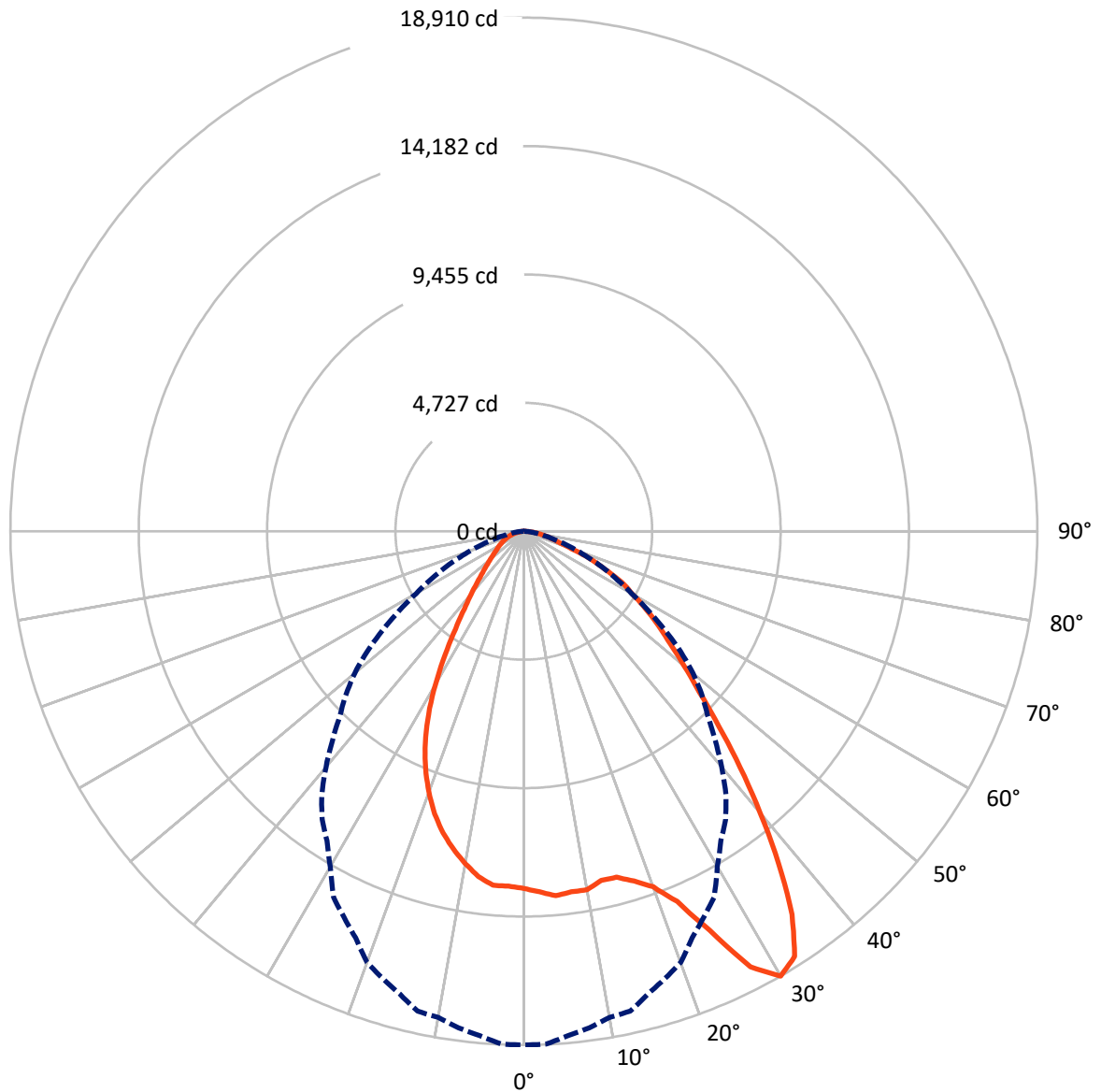
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Lumen Table



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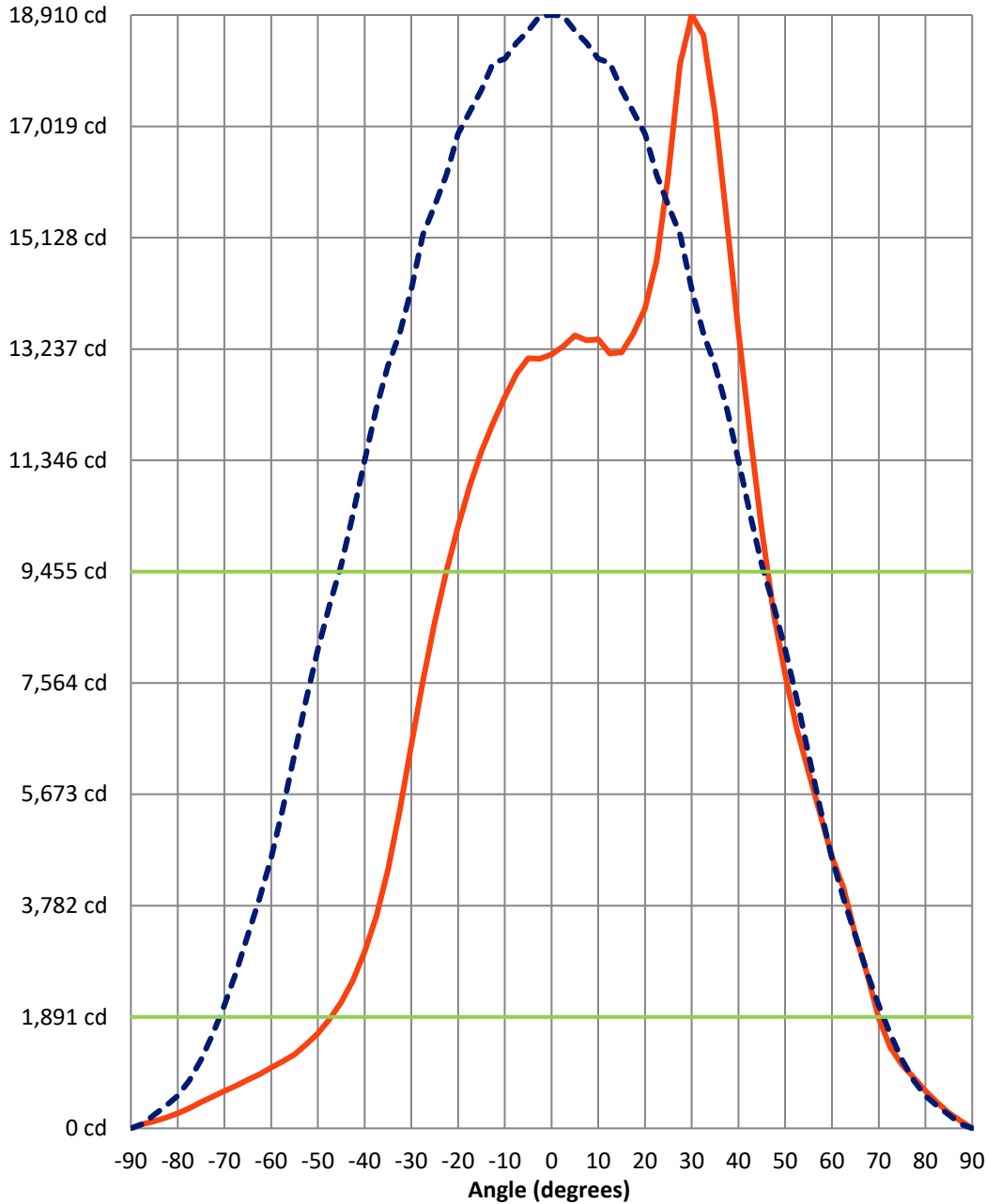
Luminous Intensity Polar Plot



— 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: 18355.3
Efficiency: 58.2%

Field:
H Angle: 142°
V Angle: 117.1°
Lumens: 29580.3
Efficiency: 93.7%

Spill:
Lumens: 1984.5
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°	127.1	130.4	133.8	133.8	130.4	130.4	130.4	127.1	130.4	130.4	130.4
85°	264.2	270.9	277.5	274.2	270.9	264.2	257.5	260.8	264.2	267.5	267.5
82.5°	438.0	448.1	454.8	451.4	444.7	438.0	431.4	434.7	441.4	444.7	444.7
80°	635.3	638.7	642.0	648.7	638.7	638.7	635.3	648.7	655.4	662.1	668.8
77.5°	862.7	866.1	866.1	869.4	872.7	876.1	876.1	899.5	916.2	926.2	936.3
75°	1076.7	1086.8	1096.8	1106.8	1120.2	1126.9	1136.9	1170.4	1197.1	1217.2	1237.2
72.5°	1371.0	1384.4	1401.1	1424.5	1447.9	1464.6	1488.0	1528.1	1558.2	1578.3	1601.7
70°	1875.9	1889.3	1906.0	1922.7	1946.1	1962.8	1986.3	2036.4	2066.5	2079.9	2093.3
67.5°	2624.9	2658.4	2688.5	2655.0	2638.3	2614.9	2621.6	2668.4	2698.5	2718.6	2715.2
65°	3290.4	3313.8	3313.8	3310.4	3297.0	3267.0	3283.7	3340.5	3374.0	3390.7	3340.5
62.5°	4072.8	4072.8	4056.1	4082.9	4086.2	4066.1	4056.1	4059.4	4062.8	4072.8	3989.2
60°	4614.5	4648.0	4658.0	4681.4	4688.1	4688.1	4704.8	4718.2	4718.2	4698.1	4601.2
57.5°	5330.1	5393.7	5407.0	5390.3	5356.9	5313.4	5306.7	5286.6	5246.5	5206.4	5159.6
55°	6052.4	6085.8	6082.5	6072.5	6039.0	5988.9	5995.5	5968.8	5905.3	5855.1	5791.6
52.5°	6778.0	6858.3	6871.6	6851.6	6804.8	6751.3	6754.6	6724.5	6661.0	6607.5	6520.5
50°	7704.3	7771.1	7764.4	7731.0	7664.1	7624.0	7627.4	7570.5	7496.9	7480.2	7366.5
47.5°	8764.3	8841.2	8827.8	8781.0	8690.7	8674.0	8690.7	8617.1	8573.7	8536.9	8403.1
45°	10155.3	10245.6	10195.4	10105.2	9961.4	9978.1	10001.5	9988.1	9894.5	9797.5	9627.0
42.5°	11787.1	11844.0	11783.8	11693.5	11512.9	11546.4	11533.0	11452.7	11395.9	11235.4	11018.0
40°	13532.6	13656.3	13562.7	13422.3	13235.0	13285.2	13248.4	13144.7	13011.0	12810.3	12536.1
37.5°	15415.2	15512.2	15405.2	15241.3	15074.1	15057.4	14983.8	14823.3	14632.7	14412.0	13974.0
35°	17217.5	17468.3	17271.0	17010.2	16806.3	16729.3	16659.1	16288.0	16070.6	15712.8	15114.3
32.5°	18558.4	18742.3	18498.2	18227.4	17979.9	17872.9	17625.5	17184.1	17067.1	16314.7	15766.3
30°	18909.5	18896.2	18642.0	18434.7	18167.2	18093.6	17638.9	17264.4	16889.8	16194.3	15672.7
27.5°	18073.6	17990.0	17745.9	17565.3	17301.1	17214.2	16766.1	16565.5	15987.0	15398.5	14957.1
25°	16211.0	16254.5	16070.6	15980.3	15806.4	15619.2	15442.0	15171.1	14810.0	14295.0	13890.4
22.5°	14743.1	14799.9	14723.0	14616.0	14482.3	14378.6	14244.9	14034.2	13686.4	13368.8	12987.6
20°	13927.2	13910.5	13843.6	13763.3	13636.3	13562.7	13415.6	13238.4	12970.8	12696.6	12285.4
17.5°	13499.2	13395.5	13332.0	13301.9	13235.0	13141.4	12967.5	12786.9	12579.6	12268.6	11967.7
15°	13181.5	13198.2	13148.1	13124.7	13071.2	12940.7	12763.5	12616.4	12335.5	12178.3	11904.2
12.5°	13161.4	13144.7	13148.1	13138.0	13071.2	12904.0	12813.7	12626.4	12445.9	12238.5	11924.2
10°	13398.9	13221.6	13235.0	13281.8	13174.8	13041.1	12944.1	12740.1	12569.6	12305.4	11994.4
7.5°	13385.5	13295.2	13321.9	13245.0	13278.5	13114.6	12980.9	12776.9	12562.9	12282.0	12001.1
5°	13465.7	13328.6	13305.2	13311.9	13228.3	13104.6	12924.0	12730.1	12529.5	12215.1	11927.6
2.5°	13281.8	13301.9	13194.9	13154.8	13144.7	12937.4	12770.2	12583.0	12375.6	12098.1	11840.6
0°	13144.7	13181.5	13071.2	13014.3	13011.0	12833.7	12726.7	12512.7	12365.6	12134.9	11823.9
-2.5°	13071.2	13114.6	13128.0	13024.3	12924.0	12786.9	12606.4	12375.6	12134.9	11867.4	11599.9
-5°	13077.8	12990.9	12954.1	12987.6	12900.6	12763.5	12562.9	12358.9	12121.5	11833.9	11499.5
-7.5°	12813.7	12726.7	12720.1	12703.3	12683.3	12552.9	12385.7	12165.0	11924.2	11656.7	11345.7
-10°	12419.1	12355.6	12338.9	12322.1	12268.6	12191.7	12034.6	11833.9	11616.6	11349.1	11018.0
-12.5°	11981.1	11951.0	11887.4	11844.0	11790.5	11700.2	11549.7	11365.8	11148.4	10911.0	10626.8
-15°	11496.2	11439.4	11375.8	11339.0	11262.1	11155.1	11004.7	10834.1	10596.7	10362.6	10095.1
-17.5°	10911.0	10840.8	10770.6	10760.5	10707.0	10543.2	10402.8	10195.4	9988.1	9764.1	9503.3
-20°	10222.2	10125.2	10078.4	10051.7	9978.1	9857.7	9707.2	9516.6	9316.0	9102.0	8801.0



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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°	9459.8	9376.2	9295.9	9245.8	9182.2	9088.6	8944.8	8777.6	8580.4	8339.6	8062.1
-25°	8593.7	8476.7	8426.5	8369.7	8336.2	8249.3	8108.9	7955.0	7751.1	7517.0	7252.8
-27.5°	7603.9	7510.3	7483.6	7403.3	7363.2	7272.9	7155.9	7012.1	6824.8	6604.1	6386.8
-30°	6510.5	6453.7	6410.2	6329.9	6299.8	6202.9	6126.0	6005.6	5835.0	5677.9	5504.0
-32.5°	5387.0	5330.1	5316.7	5280.0	5259.9	5196.4	5109.4	5022.5	4885.4	4768.3	4627.9
-35°	4390.5	4350.4	4353.7	4350.4	4330.3	4283.5	4176.5	4153.1	4052.8	3945.8	3855.5
-37.5°	3594.7	3598.0	3594.7	3591.3	3564.6	3544.5	3467.6	3437.5	3377.3	3273.6	3220.1
-40°	2996.1	3002.8	2999.4	2992.8	2962.7	2952.6	2902.5	2862.3	2838.9	2765.4	2708.5
-42.5°	2511.2	2521.3	2517.9	2514.6	2494.5	2491.2	2464.4	2417.6	2404.2	2360.8	2300.6
-45°	2143.4	2140.1	2133.4	2140.1	2130.0	2120.0	2103.3	2073.2	2056.5	2036.4	1986.3
-47.5°	1852.5	1855.8	1849.2	1849.2	1835.8	1825.7	1819.1	1799.0	1785.6	1768.9	1738.8
-50°	1611.7	1625.1	1621.8	1618.4	1608.4	1601.7	1601.7	1581.6	1561.6	1554.9	1534.8
-52.5°	1424.5	1434.5	1437.9	1444.5	1447.9	1451.2	1441.2	1421.1	1387.7	1384.4	1374.3
-55°	1253.9	1284.0	1304.1	1317.5	1330.9	1340.9	1320.8	1294.1	1260.6	1247.3	1243.9
-57.5°	1136.9	1167.0	1190.4	1210.5	1227.2	1243.9	1223.9	1197.1	1167.0	1150.3	1146.9
-60°	1029.9	1056.7	1080.1	1106.8	1130.2	1157.0	1146.9	1126.9	1110.2	1096.8	1083.4
-62.5°	916.2	943.0	969.7	1003.2	1033.3	1060.0	1063.3	1060.0	1056.7	1060.0	1036.6
-65°	822.6	836.0	852.7	889.5	922.9	953.0	969.7	979.8	996.5	1013.2	989.8
-67.5°	722.3	739.0	759.1	785.8	812.6	832.6	856.0	882.8	909.5	936.3	919.6
-70°	632.0	645.4	662.1	675.5	692.2	705.6	725.6	755.7	785.8	812.6	805.9
-72.5°	538.4	551.7	561.8	568.5	578.5	585.2	595.2	622.0	642.0	655.4	655.4
-75°	444.7	458.1	468.1	471.5	478.2	481.5	488.2	498.2	508.3	511.6	515.0
-77.5°	341.1	354.4	364.5	371.2	377.9	384.5	387.9	394.6	397.9	397.9	401.3
-80°	254.1	264.2	270.9	280.9	284.2	290.9	297.6	300.9	304.3	304.3	307.6
-82.5°	180.6	187.3	193.9	200.6	207.3	210.7	217.4	220.7	224.0	227.4	230.7
-85°	120.4	127.1	133.8	140.4	143.8	147.1	150.5	153.8	157.2	160.5	163.8
-87.5°	70.2	73.6	76.9	83.6	86.9	93.6	97.0	93.6	97.0	97.0	97.0
-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°	130.4	130.4	130.4	130.4	127.1	120.4	117.0	110.3	103.7	97.0	90.3
85°	270.9	274.2	274.2	274.2	267.5	264.2	254.1	244.1	230.7	210.7	193.9
82.5°	451.4	454.8	454.8	451.4	444.7	434.7	421.3	404.6	377.9	351.1	327.7
80°	678.8	682.1	682.1	678.8	662.1	645.4	628.6	608.6	575.1	538.4	498.2
77.5°	949.7	956.3	956.3	946.3	922.9	902.8	876.1	842.7	792.5	739.0	685.5
75°	1264.0	1280.7	1284.0	1274.0	1243.9	1207.1	1163.7	1106.8	1029.9	963.0	899.5
72.5°	1628.5	1645.2	1658.6	1645.2	1601.7	1551.6	1488.0	1421.1	1344.2	1253.9	1146.9
70°	2106.6	2123.4	2133.4	2089.9	2013.0	1929.4	1852.5	1775.6	1685.3	1575.0	1457.9
67.5°	2708.5	2691.8	2671.7	2584.8	2487.8	2387.5	2280.5	2166.8	2049.8	1932.8	1795.7
65°	3287.0	3240.2	3196.7	3093.1	2969.3	2838.9	2715.2	2588.1	2447.7	2300.6	2170.2
62.5°	3895.6	3795.3	3688.3	3561.2	3434.1	3290.4	3166.6	3016.2	2859.0	2678.4	2511.2
60°	4494.2	4373.8	4266.8	4109.6	3942.4	3748.5	3614.7	3467.6	3283.7	3089.7	2892.4
57.5°	5072.6	4942.2	4825.2	4688.1	4507.5	4296.9	4149.7	3959.1	3765.2	3521.1	3320.5
55°	5687.9	5557.5	5463.9	5310.1	5112.8	4918.8	4758.3	4557.7	4286.8	4026.0	3778.6
52.5°	6393.5	6289.8	6189.5	6032.3	5794.9	5597.6	5420.4	5196.4	4912.1	4591.1	4293.5
50°	7182.6	7129.1	7022.1	6838.2	6567.3	6393.5	6159.4	5861.8	5557.5	5219.8	4848.6
47.5°	8229.2	8142.3	7991.8	7791.2	7563.8	7303.0	6988.7	6640.9	6209.6	5835.0	5440.5
45°	9479.9	9319.3	9125.4	8854.5	8573.7	8279.4	7935.0	7493.6	6915.1	6426.9	6012.3
42.5°	10834.1	10616.8	10352.6	9998.1	9633.7	9272.5	8901.4	8299.5	7577.2	7015.4	6547.3
40°	12248.6	11971.0	11640.0	11125.0	10720.4	10255.6	9831.0	8931.5	8162.4	7553.8	7055.5
37.5°	13632.9	13281.8	12726.7	12101.4	11630.0	11248.8	10315.8	9352.8	8663.9	7995.2	7490.3
35°	14692.9	14395.3	13415.6	12766.9	12362.3	11760.4	10593.4	9606.9	8878.0	8322.9	7537.1
32.5°	15321.6	14552.5	13693.1	13037.7	12703.3	11716.9	10613.4	9680.5	8978.3	8356.3	7416.7
30°	15181.1	14251.5	13499.2	12950.8	12225.2	11339.0	10426.2	9566.8	8884.6	8132.3	7282.9
27.5°	14335.1	13616.2	12944.1	12372.3	11660.0	10864.2	10021.6	9265.8	8630.5	7901.5	7099.0
25°	13378.8	12726.7	12228.5	11730.3	11054.8	10295.8	9553.4	9008.4	8369.7	7650.8	6858.3
22.5°	12499.4	12031.2	11640.0	11118.3	10459.6	9797.5	9336.1	8771.0	8115.6	7386.6	6610.8
20°	11937.6	11619.9	11171.8	10596.7	10078.4	9663.8	9152.2	8553.6	7878.1	7115.7	6400.2
17.5°	11666.7	11298.9	10800.7	10426.2	10028.2	9573.5	9001.7	8366.3	7647.4	6992.0	6423.6
15°	11526.3	11138.4	10810.7	10442.9	9994.8	9516.6	8881.3	8222.6	7647.4	7042.2	6440.3
12.5°	11556.4	11222.0	10864.2	10462.9	9981.4	9469.8	8894.7	8282.7	7687.5	7079.0	6443.6
10°	11650.0	11298.9	10917.7	10473.0	9988.1	9483.2	8931.5	8319.5	7707.6	7095.7	6436.9
7.5°	11683.5	11302.3	10894.3	10446.2	9971.4	9476.5	8938.1	8329.6	7710.9	7092.3	6416.9
5°	11579.8	11235.4	10840.8	10389.4	9924.6	9443.1	8911.4	8316.2	7684.2	7058.9	6366.7
2.5°	11439.4	11161.8	10784.0	10349.3	9877.8	9396.3	8867.9	8256.0	7624.0	6998.7	6303.2
0°	11415.9	11071.5	10690.3	10302.4	9800.9	9292.6	8767.6	8142.3	7513.7	6885.0	6192.8
-2.5°	11262.1	10897.6	10516.4	10095.1	9653.7	9142.1	8590.4	7978.5	7356.5	6737.9	6072.5
-5°	11145.1	10740.5	10335.9	9881.1	9436.4	8924.8	8353.0	7757.8	7149.2	6547.3	5905.3
-7.5°	10987.9	10573.3	10148.6	9673.8	9192.3	8670.6	8105.5	7510.3	6911.8	6313.2	5697.9
-10°	10670.3	10305.8	9907.9	9416.3	8908.0	8386.4	7824.6	7239.5	6640.9	6035.7	5417.1
-12.5°	10285.7	9901.2	9466.5	9015.1	8560.3	8075.4	7513.7	6938.5	6336.6	5728.0	5112.8
-15°	9787.5	9409.6	8964.9	8523.5	8085.5	7620.7	7125.8	6607.5	5995.5	5397.0	4781.7
-17.5°	9165.5	8811.1	8413.2	7991.8	7557.1	7089.0	6607.5	6169.4	5597.6	5035.9	4427.3
-20°	8496.8	8165.7	7807.9	7410.0	6975.3	6517.2	6062.4	5604.3	5109.4	4614.5	4049.4



REPORT NUMBER: P722066
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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°	7801.2	7466.8	7105.7	6734.5	6333.3	5908.6	5487.3	5049.2	4614.5	4166.5	3688.3
-25°	6998.7	6704.4	6373.4	6012.3	5654.5	5283.3	4882.0	4484.1	4113.0	3725.1	3333.8
-27.5°	6159.4	5888.5	5587.6	5273.3	4965.6	4654.7	4306.9	3939.1	3631.4	3310.4	2986.1
-30°	5276.6	5059.3	4815.2	4541.0	4303.6	4052.8	3761.8	3457.6	3176.7	2932.6	2671.7
-32.5°	4440.6	4256.7	4082.9	3902.3	3668.2	3474.3	3273.6	3049.6	2802.2	2571.4	2384.2
-35°	3721.7	3524.4	3450.9	3317.1	3149.9	2979.4	2832.3	2671.7	2484.5	2280.5	2126.7
-37.5°	3116.5	2999.4	2895.8	2822.2	2711.9	2574.8	2457.7	2340.7	2196.9	2043.1	1889.3
-40°	2645.0	2564.7	2451.1	2414.3	2344.0	2250.4	2130.0	2039.8	1942.8	1825.7	1695.3
-42.5°	2267.1	2206.9	2133.4	2069.9	2039.8	1972.9	1879.3	1792.3	1715.4	1635.1	1534.8
-45°	1956.2	1916.0	1869.2	1812.4	1789.0	1735.5	1668.6	1571.6	1528.1	1461.3	1387.7
-47.5°	1705.4	1685.3	1651.9	1615.1	1581.6	1541.5	1481.3	1421.1	1361.0	1317.5	1260.6
-50°	1508.1	1494.7	1474.6	1444.5	1401.1	1374.3	1334.2	1280.7	1223.9	1187.1	1146.9
-52.5°	1350.9	1337.5	1324.2	1300.8	1267.3	1240.6	1207.1	1163.7	1116.9	1080.1	1046.6
-55°	1230.5	1210.5	1200.4	1180.4	1153.6	1123.5	1093.4	1063.3	1023.2	989.8	956.3
-57.5°	1136.9	1110.2	1096.8	1080.1	1053.3	1023.2	999.8	969.7	943.0	906.2	876.1
-60°	1063.3	1033.3	1006.5	989.8	966.4	936.3	912.9	889.5	862.7	832.6	795.8
-62.5°	1003.2	966.4	929.6	909.5	886.1	859.4	836.0	812.6	785.8	755.7	722.3
-65°	946.3	902.8	856.0	836.0	812.6	785.8	755.7	739.0	715.6	688.8	655.4
-67.5°	876.1	829.3	789.2	765.7	742.3	718.9	692.2	675.5	652.1	618.6	585.2
-70°	772.4	742.3	715.6	695.5	675.5	655.4	628.6	601.9	575.1	545.0	515.0
-72.5°	642.0	632.0	628.6	618.6	595.2	571.8	545.0	518.3	494.9	471.5	448.1
-75°	518.3	525.0	531.7	528.3	504.9	481.5	458.1	434.7	418.0	397.9	377.9
-77.5°	411.3	418.0	424.7	424.7	408.0	394.6	377.9	361.1	347.8	331.0	311.0
-80°	317.7	327.7	337.7	344.4	331.0	321.0	307.6	294.3	280.9	267.5	254.1
-82.5°	240.8	250.8	260.8	267.5	257.5	250.8	240.8	230.7	220.7	207.3	197.3
-85°	173.9	180.6	187.3	190.6	183.9	177.2	170.5	163.8	157.2	147.1	140.4
-87.5°	100.3	103.7	107.0	110.3	103.7	97.0	93.6	86.9	83.6	76.9	73.6
-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°	83.6	76.9	70.2	66.9	60.2	50.2	43.5	36.8	30.1	23.4	20.1
85°	177.2	160.5	140.4	130.4	117.0	103.7	90.3	76.9	63.5	50.2	36.8
82.5°	304.3	284.2	264.2	240.8	210.7	173.9	137.1	113.7	93.6	73.6	56.8
80°	458.1	421.3	387.9	357.8	324.4	277.5	227.4	180.6	127.1	97.0	73.6
77.5°	635.3	591.9	545.0	494.9	441.4	377.9	321.0	260.8	197.3	133.8	93.6
75°	836.0	779.1	715.6	645.4	575.1	491.5	411.3	341.1	267.5	187.3	113.7
72.5°	1060.0	989.8	912.9	819.2	708.9	611.9	515.0	421.3	334.4	237.4	153.8
70°	1347.6	1237.2	1123.5	1023.2	882.8	729.0	615.3	508.3	397.9	290.9	193.9
67.5°	1655.2	1521.5	1384.4	1237.2	1060.0	879.4	715.6	595.2	464.8	341.1	230.7
65°	1989.6	1822.4	1648.5	1484.7	1240.6	1026.6	842.7	678.8	528.3	387.9	267.5
62.5°	2334.0	2136.7	1936.1	1722.1	1441.2	1177.0	963.0	772.4	588.5	431.4	300.9
60°	2701.8	2471.1	2227.0	1959.5	1631.8	1340.9	1076.7	869.4	652.1	474.8	337.7
57.5°	3089.7	2838.9	2551.4	2190.2	1829.1	1498.1	1207.1	956.3	708.9	515.0	364.5
55°	3511.1	3223.5	2909.2	2431.0	2023.0	1655.2	1337.5	1043.3	769.1	548.4	391.2
52.5°	3965.8	3631.4	3233.5	2685.1	2227.0	1815.7	1457.9	1120.2	825.9	585.2	414.6
50°	4474.1	4052.8	3517.7	2919.2	2404.2	1966.2	1578.3	1203.8	872.7	625.3	434.7
47.5°	5002.4	4547.7	3771.9	3136.5	2584.8	2113.3	1702.0	1277.4	919.6	658.7	454.8
45°	5554.2	4892.1	4036.0	3330.5	2742.0	2247.1	1795.7	1344.2	976.4	688.8	471.5
42.5°	6099.2	5152.9	4266.8	3524.4	2889.1	2367.5	1872.6	1407.8	1023.2	718.9	488.2
40°	6356.7	5350.2	4450.7	3658.2	3012.8	2474.5	1939.4	1464.6	1063.3	739.0	504.9
37.5°	6463.7	5470.6	4571.1	3785.3	3109.8	2531.3	1996.3	1514.8	1096.8	759.1	518.3
35°	6487.1	5514.0	4631.2	3872.2	3190.0	2584.8	2039.8	1551.6	1123.5	779.1	531.7
32.5°	6443.6	5500.7	4648.0	3902.3	3240.2	2624.9	2069.9	1578.3	1143.6	799.2	545.0
30°	6346.7	5430.4	4587.8	3898.9	3277.0	2648.3	2089.9	1598.4	1163.7	812.6	551.7
27.5°	6189.5	5306.7	4510.9	3902.3	3297.0	2658.4	2099.9	1608.4	1177.0	822.6	565.1
25°	5995.5	5139.5	4514.2	3895.6	3300.4	2661.7	2099.9	1608.4	1180.4	825.9	575.1
22.5°	5771.5	5139.5	4514.2	3885.6	3280.3	2655.0	2089.9	1601.7	1180.4	832.6	585.2
20°	5784.9	5142.9	4504.2	3865.5	3250.2	2635.0	2066.5	1585.0	1170.4	842.7	591.9
17.5°	5794.9	5136.2	4484.1	3838.8	3210.1	2601.5	2036.4	1561.6	1170.4	852.7	595.2
15°	5794.9	5116.1	4454.0	3798.6	3160.0	2554.7	1992.9	1541.5	1173.7	856.0	601.9
12.5°	5784.9	5079.3	4407.2	3745.1	3099.8	2497.9	1966.2	1534.8	1173.7	859.4	601.9
10°	5764.8	5029.2	4347.0	3678.2	3042.9	2477.8	1952.8	1521.5	1167.0	859.4	601.9
7.5°	5728.0	4969.0	4296.9	3638.1	3009.5	2454.4	1932.8	1501.4	1157.0	852.7	608.6
5°	5671.2	4935.5	4256.7	3591.3	2962.7	2437.7	1919.4	1484.7	1150.3	852.7	601.9
2.5°	5597.6	4895.4	4209.9	3531.1	2909.2	2380.8	1875.9	1447.9	1126.9	839.3	595.2
0°	5477.2	4815.2	4129.7	3447.5	2835.6	2324.0	1832.4	1411.1	1103.5	825.9	588.5
-2.5°	5366.9	4708.2	4026.0	3360.6	2765.4	2273.8	1799.0	1391.0	1093.4	822.6	585.2
-5°	5213.1	4561.0	3888.9	3246.9	2671.7	2223.7	1765.6	1367.6	1083.4	815.9	585.2
-7.5°	5042.5	4407.2	3745.1	3129.9	2578.1	2136.7	1702.0	1330.9	1060.0	802.5	581.8
-10°	4778.4	4176.5	3564.6	2996.1	2477.8	2059.8	1648.5	1297.4	1039.9	789.2	568.5
-12.5°	4497.5	3922.4	3357.2	2832.3	2364.1	1979.6	1588.3	1260.6	1016.5	775.8	561.8
-15°	4199.9	3661.5	3139.9	2661.7	2240.4	1882.6	1524.8	1220.5	993.1	759.1	551.7
-17.5°	3888.9	3387.3	2915.8	2487.8	2116.7	1782.3	1457.9	1183.7	966.4	742.3	541.7
-20°	3561.2	3106.4	2688.5	2310.6	1986.3	1682.0	1387.7	1140.3	936.3	722.3	528.3



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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°	3236.9	2828.9	2454.4	2136.7	1852.5	1578.3	1317.5	1096.8	902.8	698.9	518.3
-25°	2949.3	2568.1	2247.1	1969.5	1722.1	1478.0	1243.9	1053.3	866.1	675.5	504.9
-27.5°	2668.4	2344.0	2043.1	1812.4	1595.0	1381.0	1173.7	1006.5	829.3	648.7	491.5
-30°	2407.6	2130.0	1882.6	1658.6	1474.6	1294.1	1113.5	959.7	789.2	622.0	474.8
-32.5°	2170.2	1946.1	1738.8	1524.8	1361.0	1207.1	1056.7	912.9	749.0	595.2	458.1
-35°	1949.5	1775.6	1595.0	1414.5	1247.3	1126.9	996.5	862.7	712.2	565.1	441.4
-37.5°	1752.2	1611.7	1468.0	1314.1	1170.4	1050.0	939.6	812.6	675.5	538.4	424.7
-40°	1581.6	1468.0	1340.9	1217.2	1096.8	983.1	882.8	762.4	638.7	518.3	408.0
-42.5°	1424.5	1337.5	1233.9	1130.2	1023.2	922.9	825.9	708.9	601.9	494.9	391.2
-45°	1304.1	1217.2	1133.6	1039.9	949.7	862.7	765.7	662.1	568.5	468.1	374.5
-47.5°	1190.4	1113.5	1036.6	959.7	886.1	805.9	708.9	622.0	531.7	444.7	361.1
-50°	1090.1	1016.5	949.7	882.8	819.2	742.3	652.1	581.8	501.6	421.3	344.4
-52.5°	996.5	932.9	866.1	812.6	759.1	682.1	608.6	541.7	471.5	394.6	327.7
-55°	912.9	852.7	792.5	742.3	692.2	625.3	565.1	508.3	441.4	374.5	311.0
-57.5°	832.6	782.5	725.6	678.8	628.6	575.1	525.0	471.5	411.3	354.4	294.3
-60°	759.1	712.2	662.1	615.3	571.8	528.3	481.5	438.0	384.5	331.0	277.5
-62.5°	685.5	645.4	601.9	555.1	521.6	481.5	444.7	401.3	357.8	311.0	247.4
-65°	618.6	581.8	541.7	501.6	471.5	441.4	408.0	367.8	331.0	287.6	220.7
-67.5°	551.7	518.3	484.9	451.4	424.7	401.3	367.8	337.7	307.6	260.8	193.9
-70°	488.2	461.5	431.4	404.6	384.5	357.8	334.4	307.6	280.9	227.4	163.8
-72.5°	428.0	401.3	377.9	357.8	341.1	317.7	297.6	277.5	240.8	190.6	137.1
-75°	357.8	341.1	327.7	311.0	294.3	277.5	260.8	237.4	200.6	153.8	107.0
-77.5°	294.3	284.2	274.2	260.8	247.4	234.1	214.0	190.6	160.5	120.4	86.9
-80°	240.8	230.7	224.0	210.7	200.6	187.3	167.2	147.1	117.0	93.6	70.2
-82.5°	183.9	177.2	170.5	163.8	153.8	140.4	120.4	103.7	86.9	70.2	53.5
-85°	130.4	127.1	120.4	113.7	103.7	93.6	80.3	70.2	60.2	46.8	36.8
-87.5°	66.9	63.5	60.2	56.8	53.5	46.8	40.1	33.4	30.1	23.4	16.7
-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):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	13.4	10.0	3.3	0.0
85°	26.8	16.7	6.7	0.0
82.5°	40.1	26.8	10.0	0.0
80°	53.5	33.4	16.7	0.0
77.5°	66.9	40.1	20.1	0.0
75°	80.3	50.2	23.4	0.0
72.5°	90.3	56.8	26.8	0.0
70°	107.0	66.9	30.1	0.0
67.5°	133.8	73.6	33.4	0.0
65°	157.2	80.3	36.8	0.0
62.5°	183.9	86.9	40.1	0.0
60°	207.3	93.6	43.5	0.0
57.5°	230.7	110.3	46.8	0.0
55°	250.8	123.7	50.2	0.0
52.5°	274.2	137.1	53.5	0.0
50°	294.3	150.5	56.8	0.0
47.5°	311.0	163.8	56.8	0.0
45°	324.4	173.9	60.2	0.0
42.5°	334.4	183.9	63.5	0.0
40°	344.4	193.9	66.9	0.0
37.5°	354.4	204.0	66.9	0.0
35°	364.5	214.0	70.2	0.0
32.5°	374.5	224.0	70.2	0.0
30°	381.2	230.7	73.6	0.0
27.5°	391.2	237.4	73.6	0.0
25°	394.6	244.1	76.9	0.0
22.5°	401.3	247.4	76.9	0.0
20°	408.0	254.1	76.9	0.0
17.5°	411.3	257.5	80.3	0.0
15°	411.3	260.8	83.6	0.0
12.5°	414.6	264.2	83.6	0.0
10°	414.6	270.9	80.3	0.0
7.5°	421.3	267.5	80.3	0.0
5°	418.0	267.5	80.3	0.0
2.5°	414.6	264.2	80.3	0.0
0°	411.3	264.2	80.3	0.0
-2.5°	411.3	264.2	80.3	0.0
-5°	411.3	264.2	80.3	0.0
-7.5°	408.0	267.5	80.3	0.0
-10°	401.3	267.5	80.3	0.0
-12.5°	397.9	257.5	80.3	0.0
-15°	394.6	254.1	80.3	0.0
-17.5°	387.9	250.8	76.9	0.0
-20°	381.2	247.4	76.9	0.0



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CATALOG NUMBER: IFLD-L-SA7A-735-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	374.5	240.8	76.9	0.0
-25°	367.8	234.1	73.6	0.0
-27.5°	361.1	227.4	73.6	0.0
-30°	351.1	220.7	70.2	0.0
-32.5°	341.1	214.0	70.2	0.0
-35°	334.4	204.0	66.9	0.0
-37.5°	324.4	193.9	66.9	0.0
-40°	314.3	183.9	63.5	0.0
-42.5°	304.3	173.9	60.2	0.0
-45°	290.9	163.8	60.2	0.0
-47.5°	280.9	153.8	56.8	0.0
-50°	264.2	140.4	53.5	0.0
-52.5°	244.1	127.1	50.2	0.0
-55°	224.0	117.0	46.8	0.0
-57.5°	204.0	103.7	46.8	0.0
-60°	183.9	90.3	43.5	0.0
-62.5°	163.8	83.6	40.1	0.0
-65°	143.8	76.9	36.8	0.0
-67.5°	120.4	66.9	33.4	0.0
-70°	100.3	60.2	30.1	0.0
-72.5°	86.9	53.5	26.8	0.0
-75°	73.6	46.8	23.4	0.0
-77.5°	63.5	40.1	20.1	0.0
-80°	50.2	30.1	13.4	0.0
-82.5°	36.8	23.4	10.0	0.0
-85°	23.4	16.7	6.7	0.0
-87.5°	13.4	6.7	3.3	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)