

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: P721998

Luminaire Tested: **IFLD-S-SA6A-727-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P721998
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6A-727-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (96) 2700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

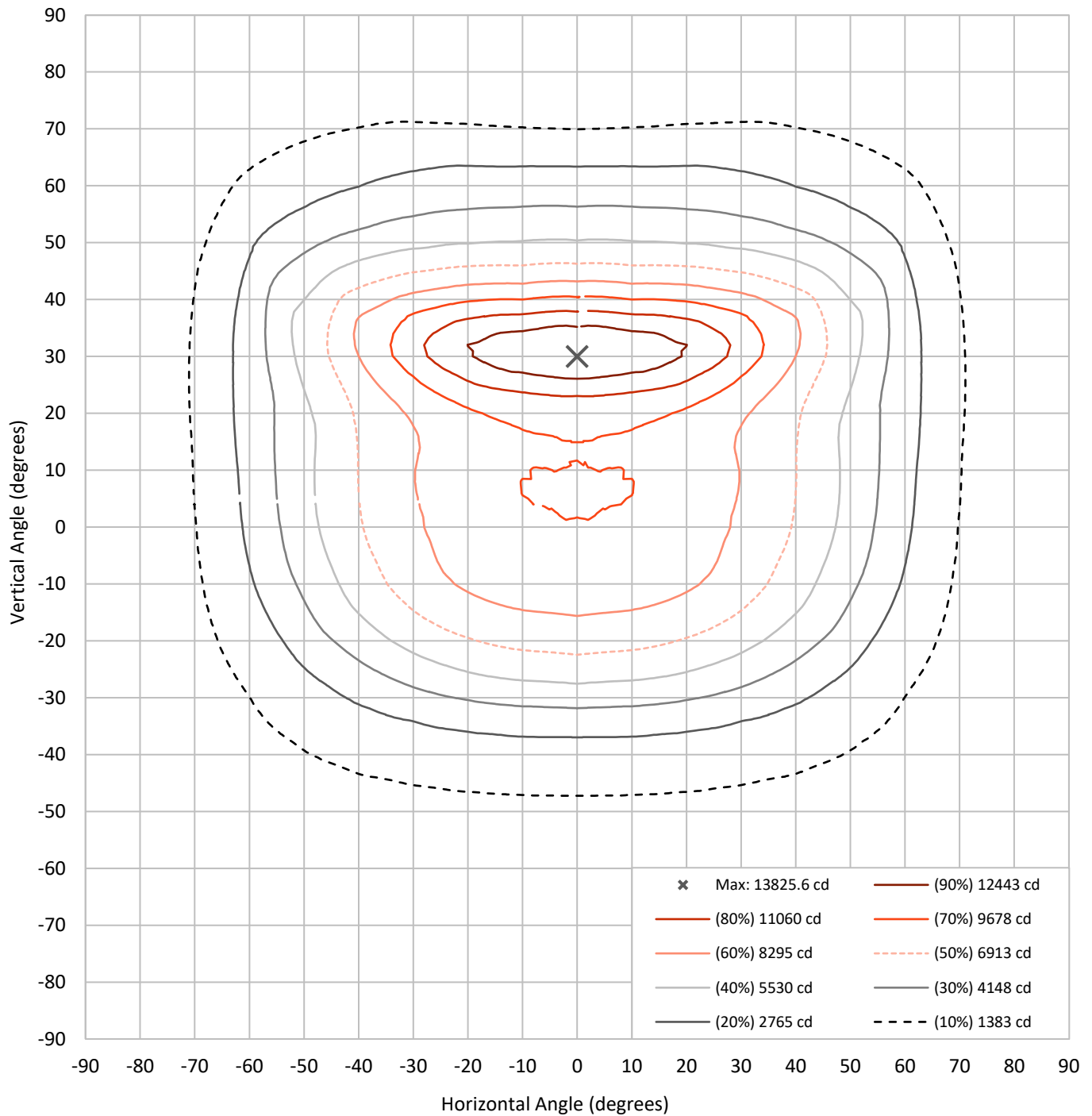
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	23078.4 lumens	Max Intensity:	13825.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	121.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	13420.4 lumens	Field Lumens:	21627.5 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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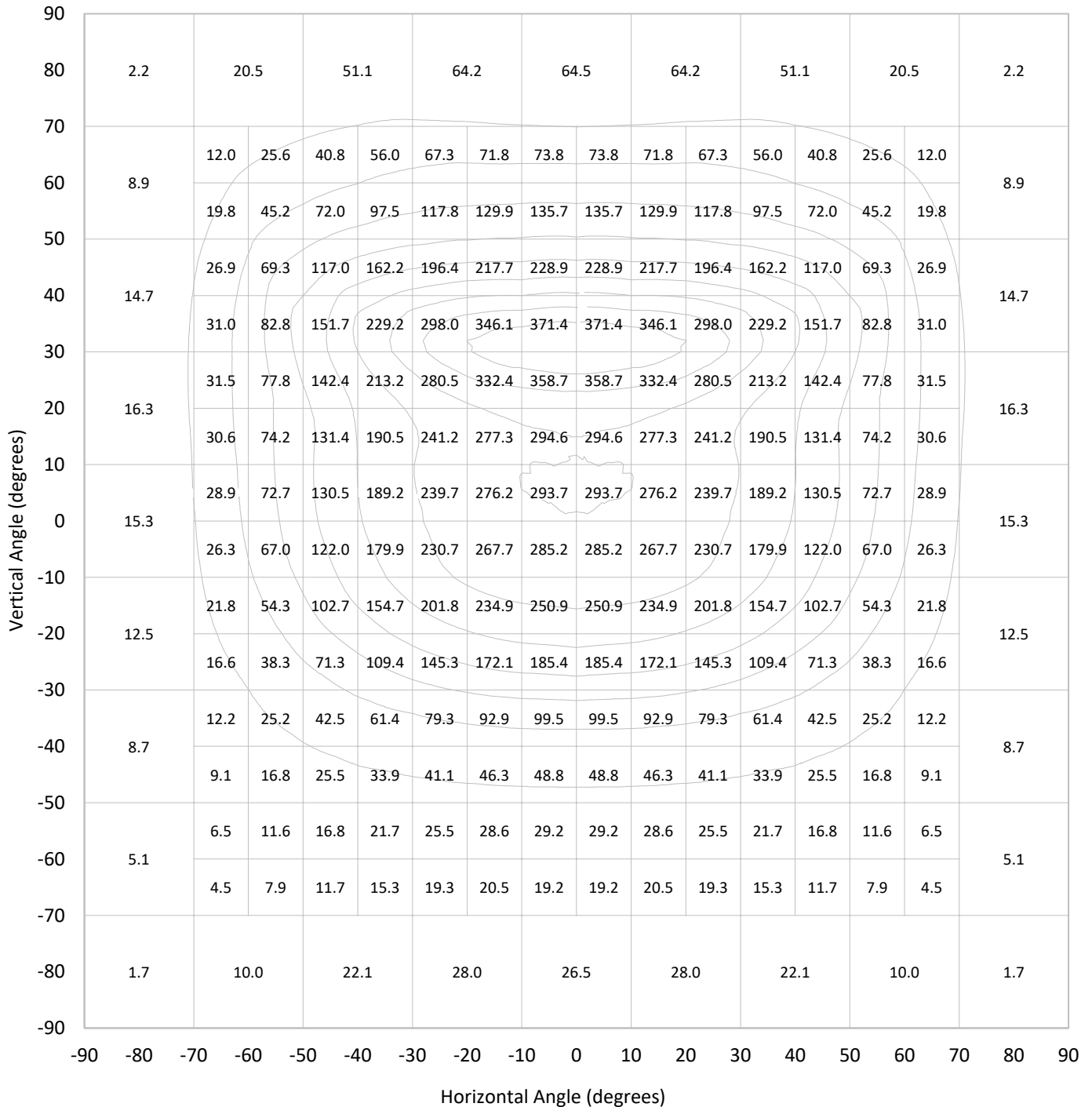
Iso-Candela Plot





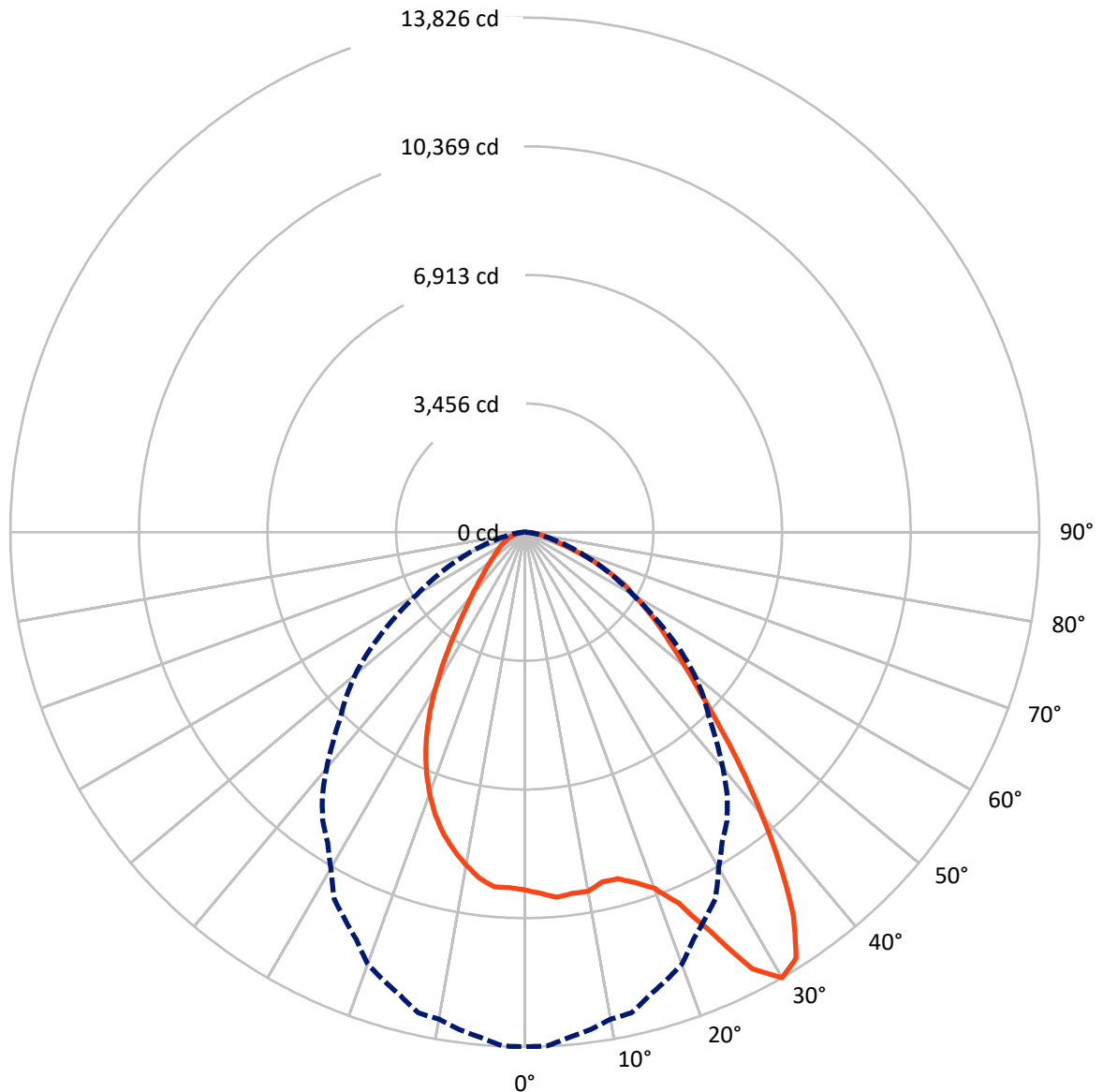
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Lumen Table



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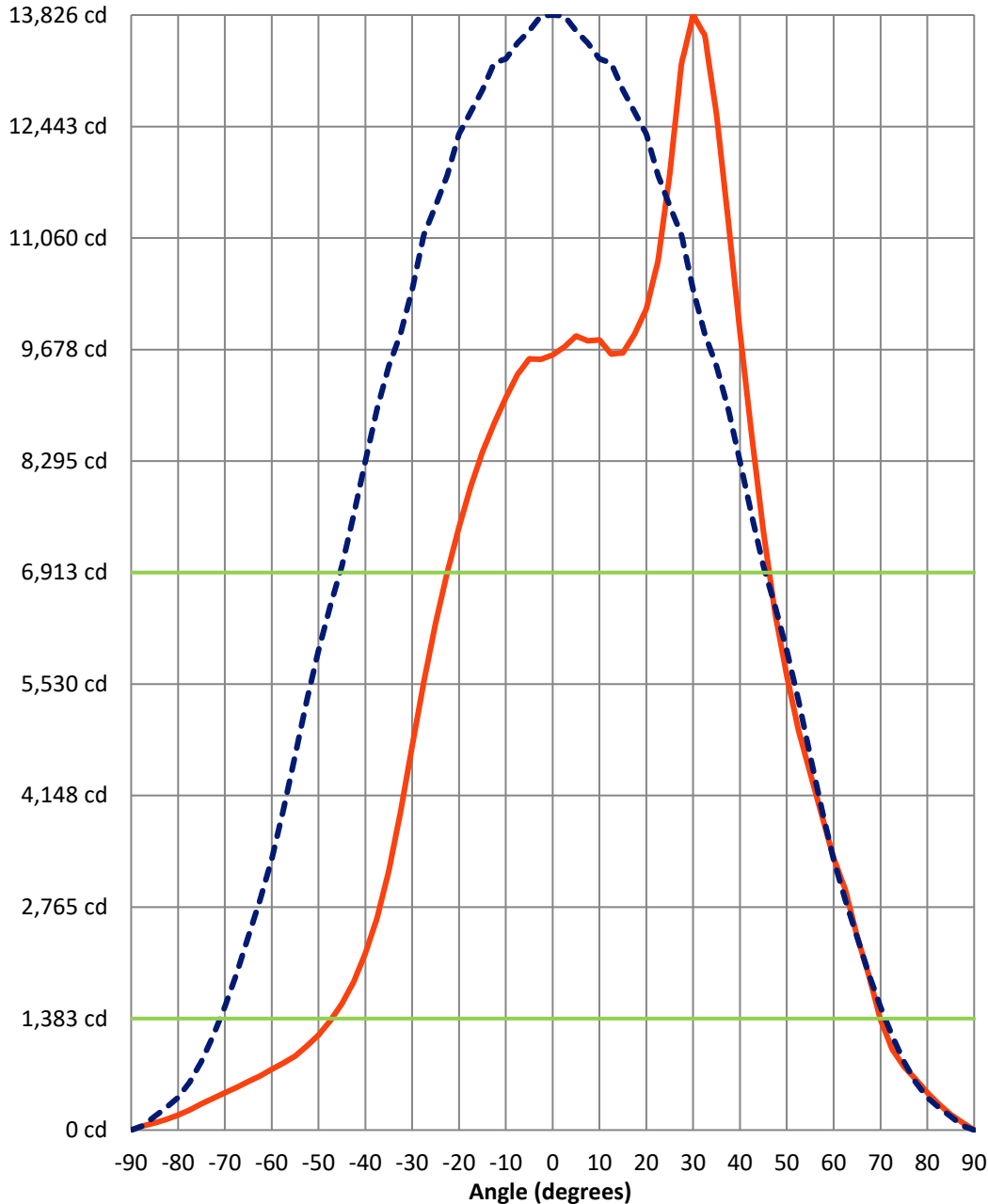
Luminous Intensity Polar Plot



— 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: 13420.4
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 21627.5
 Efficiency: 93.7%

Spill:
 Lumens: 1451
 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°	92.9	95.3	97.8	97.8	95.3	95.3	95.3	92.9	95.3	95.3	95.3
85°	193.1	198.0	202.9	200.5	198.0	193.1	188.3	190.7	193.1	195.6	195.6
82.5°	320.3	327.6	332.5	330.1	325.2	320.3	315.4	317.8	322.7	325.2	325.2
80°	464.5	467.0	469.4	474.3	467.0	467.0	464.5	474.3	479.2	484.1	489.0
77.5°	630.8	633.2	633.2	635.7	638.1	640.6	640.6	657.7	669.9	677.2	684.6
75°	787.2	794.6	801.9	809.2	819.0	823.9	831.2	855.7	875.3	889.9	904.6
72.5°	1002.4	1012.2	1024.4	1041.5	1058.6	1070.8	1088.0	1117.3	1139.3	1154.0	1171.1
70°	1371.6	1381.3	1393.6	1405.8	1422.9	1435.1	1452.2	1488.9	1510.9	1520.7	1530.5
67.5°	1919.2	1943.7	1965.7	1941.2	1929.0	1911.9	1916.8	1951.0	1973.0	1987.7	1985.2
65°	2405.7	2422.8	2422.8	2420.4	2410.6	2388.6	2400.8	2442.4	2466.9	2479.1	2442.4
62.5°	2977.8	2977.8	2965.6	2985.2	2987.6	2972.9	2965.6	2968.0	2970.5	2977.8	2916.7
60°	3373.9	3398.3	3405.7	3422.8	3427.7	3427.7	3439.9	3449.7	3449.7	3435.0	3364.1
57.5°	3897.1	3943.5	3953.3	3941.1	3916.6	3884.9	3880.0	3865.3	3836.0	3806.6	3772.4
55°	4425.2	4449.6	4447.2	4439.8	4415.4	4378.7	4383.6	4364.1	4317.6	4280.9	4234.5
52.5°	4955.7	5014.4	5024.2	5009.5	4975.3	4936.1	4938.6	4916.6	4870.1	4831.0	4767.5
50°	5632.9	5681.8	5676.9	5652.5	5603.6	5574.3	5576.7	5535.1	5481.3	5469.1	5386.0
47.5°	6407.9	6464.2	6454.4	6420.2	6354.2	6341.9	6354.2	6300.4	6268.6	6241.7	6143.9
45°	7425.0	7491.0	7454.3	7388.3	7283.2	7295.4	7312.5	7302.8	7234.3	7163.4	7038.7
42.5°	8618.1	8659.7	8615.6	8549.6	8417.6	8442.1	8432.3	8373.6	8332.0	8214.7	8055.8
40°	9894.3	9984.8	9916.3	9813.6	9676.7	9713.4	9686.5	9610.7	9512.9	9366.2	9165.7
37.5°	11270.7	11341.6	11263.4	11143.6	11021.4	11009.1	10955.4	10838.0	10698.7	10537.3	10217.0
35°	12588.5	12771.9	12627.6	12436.9	12287.8	12231.6	12180.2	11908.9	11749.9	11488.3	11050.7
32.5°	13568.9	13703.4	13524.9	13326.9	13145.9	13067.7	12886.8	12564.1	12478.5	11928.4	11527.5
30°	13825.6	13815.8	13630.0	13478.4	13282.9	13229.1	12896.6	12622.7	12348.9	11840.4	11459.0
27.5°	13214.4	13153.3	12974.8	12842.8	12649.6	12586.1	12258.5	12111.8	11688.8	11258.5	10935.8
25°	11852.6	11884.4	11749.9	11683.9	11556.8	11419.9	11290.3	11092.3	10828.2	10451.7	10155.9
22.5°	10779.3	10820.9	10764.7	10686.4	10588.6	10512.8	10415.1	10261.0	10006.8	9774.5	9495.8
20°	10182.8	10170.6	10121.7	10063.0	9970.1	9916.3	9808.7	9679.2	9483.6	9283.1	8982.4
17.5°	9869.9	9794.1	9747.6	9725.6	9676.7	9608.3	9481.1	9349.1	9197.5	8970.1	8750.1
15°	9637.6	9649.8	9613.1	9596.0	9556.9	9461.6	9332.0	9224.4	9019.0	8904.1	8703.7
12.5°	9622.9	9610.7	9613.1	9605.8	9556.9	9434.7	9368.7	9231.7	9099.7	8948.1	8718.3
10°	9796.5	9666.9	9676.7	9710.9	9632.7	9534.9	9464.0	9314.9	9190.2	8997.0	8769.7
7.5°	9786.7	9720.7	9740.3	9684.0	9708.5	9588.7	9490.9	9341.8	9185.3	8979.9	8774.6
5°	9845.4	9745.2	9728.0	9732.9	9671.8	9581.4	9449.3	9307.5	9160.8	8931.0	8720.8
2.5°	9710.9	9725.6	9647.4	9618.0	9610.7	9459.1	9336.9	9200.0	9048.4	8845.5	8657.2
0°	9610.7	9637.6	9556.9	9515.3	9512.9	9383.3	9305.1	9148.6	9041.0	8872.4	8645.0
-2.5°	9556.9	9588.7	9598.5	9522.7	9449.3	9349.1	9217.1	9048.4	8872.4	8676.8	8481.2
-5°	9561.8	9498.2	9471.3	9495.8	9432.2	9332.0	9185.3	9036.2	8862.6	8652.3	8407.8
-7.5°	9368.7	9305.1	9300.2	9288.0	9273.3	9178.0	9055.7	8894.4	8718.3	8522.7	8295.4
-10°	9080.2	9033.7	9021.5	9009.3	8970.1	8913.9	8799.0	8652.3	8493.4	8297.8	8055.8
-12.5°	8759.9	8737.9	8691.4	8659.7	8620.5	8554.5	8444.5	8310.0	8151.1	7977.5	7769.7
-15°	8405.4	8363.8	8317.4	8290.5	8234.2	8156.0	8046.0	7921.3	7747.7	7576.6	7381.0
-17.5°	7977.5	7926.2	7874.9	7867.5	7828.4	7708.6	7605.9	7454.3	7302.8	7139.0	6948.3
-20°	7473.9	7403.0	7368.8	7349.2	7295.4	7207.4	7097.4	6958.0	6811.3	6654.9	6434.8



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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°	6916.5	6855.4	6796.7	6760.0	6713.6	6645.1	6540.0	6417.7	6273.5	6097.5	5894.5
-25°	6283.3	6197.7	6161.0	6119.5	6095.0	6031.4	5928.8	5816.3	5667.2	5496.0	5302.9
-27.5°	5559.6	5491.1	5471.6	5412.9	5383.6	5317.5	5232.0	5126.8	4989.9	4828.6	4669.7
-30°	4760.1	4718.6	4686.8	4628.1	4606.1	4535.2	4479.0	4390.9	4266.3	4151.4	4024.2
-32.5°	3938.6	3897.1	3887.3	3860.4	3845.7	3799.3	3735.7	3672.2	3571.9	3486.4	3383.7
-35°	3210.1	3180.7	3183.2	3180.7	3166.1	3131.8	3053.6	3036.5	2963.2	2884.9	2818.9
-37.5°	2628.2	2630.7	2628.2	2625.8	2606.2	2591.5	2535.3	2513.3	2469.3	2393.5	2354.4
-40°	2190.6	2195.5	2193.0	2188.1	2166.1	2158.8	2122.1	2092.8	2075.7	2021.9	1980.3
-42.5°	1836.1	1843.4	1841.0	1838.5	1823.9	1821.4	1801.9	1767.6	1757.8	1726.1	1682.1
-45°	1567.1	1564.7	1559.8	1564.7	1557.4	1550.0	1537.8	1515.8	1503.6	1488.9	1452.2
-47.5°	1354.4	1356.9	1352.0	1352.0	1342.2	1334.9	1330.0	1315.3	1305.5	1293.3	1271.3
-50°	1178.4	1188.2	1185.8	1183.3	1176.0	1171.1	1171.1	1156.4	1141.7	1136.9	1122.2
-52.5°	1041.5	1048.8	1051.3	1056.2	1058.6	1061.1	1053.7	1039.1	1014.6	1012.2	1004.8
-55°	916.8	938.8	953.5	963.3	973.0	980.4	965.7	946.2	921.7	911.9	909.5
-57.5°	831.2	853.3	870.4	885.0	897.3	909.5	894.8	875.3	853.3	841.0	838.6
-60°	753.0	772.6	789.7	809.2	826.4	845.9	838.6	823.9	811.7	801.9	792.1
-62.5°	669.9	689.4	709.0	733.5	755.5	775.0	777.5	775.0	772.6	775.0	757.9
-65°	601.4	611.2	623.4	650.3	674.8	696.8	709.0	716.3	728.6	740.8	723.7
-67.5°	528.1	540.3	555.0	574.5	594.1	608.8	625.9	645.4	665.0	684.6	672.3
-70°	462.1	471.9	484.1	493.9	506.1	515.9	530.5	552.5	574.5	594.1	589.2
-72.5°	393.6	403.4	410.7	415.6	423.0	427.8	435.2	454.7	469.4	479.2	479.2
-75°	325.2	334.9	342.3	344.7	349.6	352.1	356.9	364.3	371.6	374.1	376.5
-77.5°	249.4	259.2	266.5	271.4	276.3	281.2	283.6	288.5	290.9	290.9	293.4
-80°	185.8	193.1	198.0	205.4	207.8	212.7	217.6	220.0	222.5	222.5	224.9
-82.5°	132.0	136.9	141.8	146.7	151.6	154.0	158.9	161.4	163.8	166.2	168.7
-85°	88.0	92.9	97.8	102.7	105.1	107.6	110.0	112.5	114.9	117.4	119.8
-87.5°	51.3	53.8	56.2	61.1	63.6	68.5	70.9	68.5	70.9	70.9	70.9
-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°	95.3	95.3	95.3	95.3	92.9	88.0	85.6	80.7	75.8	70.9	66.0
85°	198.0	200.5	200.5	200.5	195.6	193.1	185.8	178.5	168.7	154.0	141.8
82.5°	330.1	332.5	332.5	330.1	325.2	317.8	308.1	295.8	276.3	256.7	239.6
80°	496.3	498.7	498.7	496.3	484.1	471.9	459.6	445.0	420.5	393.6	364.3
77.5°	694.3	699.2	699.2	691.9	674.8	660.1	640.6	616.1	579.4	540.3	501.2
75°	924.2	936.4	938.8	931.5	909.5	882.6	850.8	809.2	753.0	704.1	657.7
72.5°	1190.6	1202.9	1212.6	1202.9	1171.1	1134.4	1088.0	1039.1	982.8	916.8	838.6
70°	1540.3	1552.5	1559.8	1528.0	1471.8	1410.7	1354.4	1298.2	1232.2	1151.5	1066.0
67.5°	1980.3	1968.1	1953.4	1889.9	1819.0	1745.6	1667.4	1584.3	1498.7	1413.1	1312.9
65°	2403.3	2369.1	2337.3	2261.5	2171.0	2075.7	1985.2	1892.3	1789.6	1682.1	1586.7
62.5°	2848.2	2774.9	2696.7	2603.8	2510.9	2405.7	2315.3	2205.3	2090.3	1958.3	1836.1
60°	3285.9	3197.9	3119.6	3004.7	2882.5	2740.7	2642.9	2535.3	2400.8	2259.0	2114.8
57.5°	3708.8	3613.5	3527.9	3427.7	3295.7	3141.6	3034.1	2894.7	2752.9	2574.4	2427.7
55°	4158.7	4063.3	3994.9	3882.4	3738.2	3596.4	3479.0	3332.3	3134.3	2943.6	2762.7
52.5°	4674.5	4598.8	4525.4	4410.5	4236.9	4092.7	3963.1	3799.3	3591.5	3356.8	3139.2
50°	5251.5	5212.4	5134.2	4999.7	4801.7	4674.5	4503.4	4285.8	4063.3	3816.4	3545.0
47.5°	6016.8	5953.2	5843.2	5696.5	5530.2	5339.5	5109.7	4855.5	4540.1	4266.3	3977.8
45°	6931.1	6813.8	6672.0	6474.0	6268.6	6053.4	5801.6	5478.9	5055.9	4699.0	4395.8
42.5°	7921.3	7762.4	7569.2	7310.1	7043.6	6779.6	6508.2	6068.1	5540.0	5129.3	4787.0
40°	8955.5	8752.6	8510.5	8134.0	7838.2	7498.3	7187.9	6530.2	5967.9	5522.9	5158.6
37.5°	9967.6	9710.9	9305.1	8847.9	8503.2	8224.5	7542.4	6838.2	6334.6	5845.6	5476.5
35°	10742.7	10525.1	9808.7	9334.4	9038.6	8598.5	7745.3	7024.0	6491.1	6085.2	5510.7
32.5°	11202.3	10640.0	10011.7	9532.5	9288.0	8566.7	7759.9	7077.8	6564.4	6109.7	5422.7
30°	11099.6	10419.9	9869.9	9468.9	8938.4	8290.5	7623.0	6994.7	6496.0	5945.9	5324.9
27.5°	10481.1	9955.4	9464.0	9045.9	8525.2	7943.3	7327.2	6774.7	6310.2	5777.2	5190.4
25°	9781.8	9305.1	8940.8	8576.5	8082.7	7527.7	6984.9	6586.4	6119.5	5593.8	5014.4
22.5°	9138.8	8796.6	8510.5	8129.1	7647.5	7163.4	6826.0	6412.8	5933.6	5400.7	4833.5
20°	8728.1	8495.8	8168.2	7747.7	7368.8	7065.6	6691.5	6253.9	5760.1	5202.6	4679.4
17.5°	8530.1	8261.1	7896.9	7623.0	7332.1	6999.6	6581.5	6117.0	5591.4	5112.2	4696.6
15°	8427.4	8143.8	7904.2	7635.3	7307.6	6958.0	6493.5	6011.9	5591.4	5148.8	4708.8
12.5°	8449.4	8204.9	7943.3	7649.9	7297.9	6923.8	6503.3	6055.9	5620.7	5175.7	4711.2
10°	8517.8	8261.1	7982.4	7657.3	7302.8	6933.6	6530.2	6082.8	5635.4	5188.0	4706.3
7.5°	8542.3	8263.6	7965.3	7637.7	7290.5	6928.7	6535.1	6090.1	5637.8	5185.5	4691.7
5°	8466.5	8214.7	7926.2	7596.1	7256.3	6904.2	6515.5	6080.3	5618.3	5161.1	4655.0
2.5°	8363.8	8160.9	7884.6	7566.8	7222.1	6870.0	6483.7	6036.3	5574.3	5117.1	4608.5
0°	8346.7	8094.9	7816.2	7532.6	7165.8	6794.2	6410.4	5953.2	5493.6	5033.9	4527.9
-2.5°	8234.2	7967.8	7689.0	7381.0	7058.3	6684.2	6280.8	5833.4	5378.7	4926.4	4439.8
-5°	8148.7	7852.9	7557.0	7224.5	6899.4	6525.3	6107.2	5672.0	5227.1	4787.0	4317.6
-7.5°	8033.8	7730.6	7420.1	7072.9	6720.9	6339.5	5926.3	5491.1	5053.5	4615.9	4166.0
-10°	7801.5	7535.0	7244.1	6884.7	6513.1	6131.7	5720.9	5293.1	4855.5	4413.0	3960.7
-12.5°	7520.4	7239.2	6921.4	6591.3	6258.8	5904.3	5493.6	5073.1	4633.0	4188.0	3738.2
-15°	7156.1	6879.8	6554.6	6231.9	5911.6	5571.8	5210.0	4831.0	4383.6	3946.0	3496.1
-17.5°	6701.3	6442.2	6151.2	5843.2	5525.4	5183.1	4831.0	4510.7	4092.7	3681.9	3237.0
-20°	6212.4	5970.3	5708.7	5417.8	5100.0	4765.0	4432.5	4097.6	3735.7	3373.9	2960.7



REPORT NUMBER: P721998
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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°	5703.8	5459.3	5195.3	4923.9	4630.5	4320.0	4012.0	3691.7	3373.9	3046.3	2696.7
-25°	5117.1	4901.9	4659.9	4395.8	4134.2	3862.9	3569.5	3278.5	3007.2	2723.6	2437.5
-27.5°	4503.4	4305.4	4085.3	3855.5	3630.6	3403.2	3149.0	2880.0	2655.1	2420.4	2183.2
-30°	3858.0	3699.1	3520.6	3320.1	3146.5	2963.2	2750.5	2528.0	2322.6	2144.1	1953.4
-32.5°	3246.8	3112.3	2985.2	2853.1	2682.0	2540.2	2393.5	2229.7	2048.8	1880.1	1743.2
-35°	2721.1	2576.9	2523.1	2425.3	2303.0	2178.4	2070.8	1953.4	1816.5	1667.4	1554.9
-37.5°	2278.6	2193.0	2117.2	2063.5	1982.8	1882.5	1797.0	1711.4	1606.3	1493.8	1381.3
-40°	1933.9	1875.2	1792.1	1765.2	1713.8	1645.4	1557.4	1491.4	1420.5	1334.9	1239.5
-42.5°	1657.6	1613.6	1559.8	1513.4	1491.4	1442.5	1374.0	1310.4	1254.2	1195.5	1122.2
-45°	1430.2	1400.9	1366.7	1325.1	1308.0	1268.9	1220.0	1149.1	1117.3	1068.4	1014.6
-47.5°	1246.9	1232.2	1207.8	1180.9	1156.4	1127.1	1083.1	1039.1	995.1	963.3	921.7
-50°	1102.6	1092.8	1078.2	1056.2	1024.4	1004.8	975.5	936.4	894.8	867.9	838.6
-52.5°	987.7	977.9	968.2	951.0	926.6	907.0	882.6	850.8	816.6	789.7	765.2
-55°	899.7	885.0	877.7	863.0	843.5	821.5	799.5	777.5	748.1	723.7	699.2
-57.5°	831.2	811.7	801.9	789.7	770.1	748.1	731.0	709.0	689.4	662.6	640.6
-60°	777.5	755.5	735.9	723.7	706.6	684.6	667.4	650.3	630.8	608.8	581.9
-62.5°	733.5	706.6	679.7	665.0	647.9	628.3	611.2	594.1	574.5	552.5	528.1
-65°	691.9	660.1	625.9	611.2	594.1	574.5	552.5	540.3	523.2	503.6	479.2
-67.5°	640.6	606.3	577.0	559.9	542.8	525.6	506.1	493.9	476.7	452.3	427.8
-70°	564.8	542.8	523.2	508.5	493.9	479.2	459.6	440.1	420.5	398.5	376.5
-72.5°	469.4	462.1	459.6	452.3	435.2	418.1	398.5	379.0	361.8	344.7	327.6
-75°	379.0	383.8	388.7	386.3	369.2	352.1	334.9	317.8	305.6	290.9	276.3
-77.5°	300.7	305.6	310.5	310.5	298.3	288.5	276.3	264.0	254.3	242.0	227.4
-80°	232.3	239.6	246.9	251.8	242.0	234.7	224.9	215.1	205.4	195.6	185.8
-82.5°	176.0	183.4	190.7	195.6	188.3	183.4	176.0	168.7	161.4	151.6	144.2
-85°	127.1	132.0	136.9	139.4	134.5	129.6	124.7	119.8	114.9	107.6	102.7
-87.5°	73.3	75.8	78.2	80.7	75.8	70.9	68.5	63.6	61.1	56.2	53.8
-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°	61.1	56.2	51.3	48.9	44.0	36.7	31.8	26.9	22.0	17.1	14.7
85°	129.6	117.4	102.7	95.3	85.6	75.8	66.0	56.2	46.5	36.7	26.9
82.5°	222.5	207.8	193.1	176.0	154.0	127.1	100.2	83.1	68.5	53.8	41.6
80°	334.9	308.1	283.6	261.6	237.2	202.9	166.2	132.0	92.9	70.9	53.8
77.5°	464.5	432.7	398.5	361.8	322.7	276.3	234.7	190.7	144.2	97.8	68.5
75°	611.2	569.6	523.2	471.9	420.5	359.4	300.7	249.4	195.6	136.9	83.1
72.5°	775.0	723.7	667.4	599.0	518.3	447.4	376.5	308.1	244.5	173.6	112.5
70°	985.3	904.6	821.5	748.1	645.4	533.0	449.9	371.6	290.9	212.7	141.8
67.5°	1210.2	1112.4	1012.2	904.6	775.0	643.0	523.2	435.2	339.8	249.4	168.7
65°	1454.7	1332.4	1205.3	1085.5	907.0	750.6	616.1	496.3	386.3	283.6	195.6
62.5°	1706.5	1562.3	1415.6	1259.1	1053.7	860.6	704.1	564.8	430.3	315.4	220.0
60°	1975.4	1806.7	1628.3	1432.7	1193.1	980.4	787.2	635.7	476.7	347.2	246.9
57.5°	2259.0	2075.7	1865.4	1601.4	1337.3	1095.3	882.6	699.2	518.3	376.5	266.5
55°	2567.1	2356.8	2127.0	1777.4	1479.1	1210.2	977.9	762.8	562.3	401.0	286.0
52.5°	2899.6	2655.1	2364.2	1963.2	1628.3	1327.6	1066.0	819.0	603.9	427.8	303.2
50°	3271.2	2963.2	2572.0	2134.4	1757.8	1437.6	1154.0	880.1	638.1	457.2	317.8
47.5°	3657.5	3325.0	2757.8	2293.3	1889.9	1545.1	1244.4	933.9	672.3	481.6	332.5
45°	4060.9	3576.8	2950.9	2435.1	2004.8	1642.9	1312.9	982.8	713.9	503.6	344.7
42.5°	4459.4	3767.5	3119.6	2576.9	2112.3	1731.0	1369.1	1029.3	748.1	525.6	356.9
40°	4647.7	3911.8	3254.1	2674.7	2202.8	1809.2	1418.0	1070.8	777.5	540.3	369.2
37.5°	4725.9	3999.8	3342.1	2767.6	2273.7	1850.7	1459.6	1107.5	801.9	555.0	379.0
35°	4743.0	4031.6	3386.1	2831.1	2332.4	1889.9	1491.4	1134.4	821.5	569.6	388.7
32.5°	4711.2	4021.8	3398.3	2853.1	2369.1	1919.2	1513.4	1154.0	836.1	584.3	398.5
30°	4640.3	3970.4	3354.3	2850.7	2396.0	1936.3	1528.0	1168.6	850.8	594.1	403.4
27.5°	4525.4	3880.0	3298.1	2853.1	2410.6	1943.7	1535.4	1176.0	860.6	601.4	413.2
25°	4383.6	3757.7	3300.5	2848.2	2413.1	1946.1	1535.4	1176.0	863.0	603.9	420.5
22.5°	4219.8	3757.7	3300.5	2840.9	2398.4	1941.2	1528.0	1171.1	863.0	608.8	427.8
20°	4229.6	3760.2	3293.2	2826.2	2376.4	1926.5	1510.9	1158.9	855.7	616.1	432.7
17.5°	4236.9	3755.3	3278.5	2806.7	2347.1	1902.1	1488.9	1141.7	855.7	623.4	435.2
15°	4236.9	3740.6	3256.5	2777.3	2310.4	1867.9	1457.1	1127.1	858.1	625.9	440.1
12.5°	4229.6	3713.7	3222.3	2738.2	2266.4	1826.3	1437.6	1122.2	858.1	628.3	440.1
10°	4214.9	3677.1	3178.3	2689.3	2224.8	1811.6	1427.8	1112.4	853.3	628.3	440.1
7.5°	4188.0	3633.0	3141.6	2660.0	2200.4	1794.5	1413.1	1097.7	845.9	623.4	445.0
5°	4146.5	3608.6	3112.3	2625.8	2166.1	1782.3	1403.3	1085.5	841.0	623.4	440.1
2.5°	4092.7	3579.3	3078.1	2581.8	2127.0	1740.7	1371.6	1058.6	823.9	613.7	435.2
0°	4004.7	3520.6	3019.4	2520.6	2073.2	1699.2	1339.8	1031.7	806.8	603.9	430.3
-2.5°	3924.0	3442.3	2943.6	2457.1	2021.9	1662.5	1315.3	1017.1	799.5	601.4	427.8
-5°	3811.5	3334.8	2843.4	2373.9	1953.4	1625.8	1290.9	999.9	792.1	596.5	427.8
-7.5°	3686.8	3222.3	2738.2	2288.4	1885.0	1562.3	1244.4	973.0	775.0	586.8	425.4
-10°	3493.7	3053.6	2606.2	2190.6	1811.6	1506.0	1205.3	948.6	760.3	577.0	415.6
-12.5°	3288.3	2867.8	2454.6	2070.8	1728.5	1447.3	1161.3	921.7	743.2	567.2	410.7
-15°	3070.7	2677.1	2295.7	1946.1	1638.0	1376.4	1114.9	892.4	726.1	555.0	403.4
-17.5°	2843.4	2476.6	2131.9	1819.0	1547.6	1303.1	1066.0	865.5	706.6	542.8	396.1
-20°	2603.8	2271.3	1965.7	1689.4	1452.2	1229.8	1014.6	833.7	684.6	528.1	386.3



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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°	2366.6	2068.3	1794.5	1562.3	1354.4	1154.0	963.3	801.9	660.1	511.0	379.0
-25°	2156.4	1877.6	1642.9	1440.0	1259.1	1080.6	909.5	770.1	633.2	493.9	369.2
-27.5°	1951.0	1713.8	1493.8	1325.1	1166.2	1009.7	858.1	735.9	606.3	474.3	359.4
-30°	1760.3	1557.4	1376.4	1212.6	1078.2	946.2	814.1	701.7	577.0	454.7	347.2
-32.5°	1586.7	1422.9	1271.3	1114.9	995.1	882.6	772.6	667.4	547.6	435.2	334.9
-35°	1425.3	1298.2	1166.2	1034.2	911.9	823.9	728.6	630.8	520.8	413.2	322.7
-37.5°	1281.1	1178.4	1073.3	960.8	855.7	767.7	687.0	594.1	493.9	393.6	310.5
-40°	1156.4	1073.3	980.4	889.9	801.9	718.8	645.4	557.4	467.0	379.0	298.3
-42.5°	1041.5	977.9	902.1	826.4	748.1	674.8	603.9	518.3	440.1	361.8	286.0
-45°	953.5	889.9	828.8	760.3	694.3	630.8	559.9	484.1	415.6	342.3	273.8
-47.5°	870.4	814.1	757.9	701.7	647.9	589.2	518.3	454.7	388.7	325.2	264.0
-50°	797.0	743.2	694.3	645.4	599.0	542.8	476.7	425.4	366.7	308.1	251.8
-52.5°	728.6	682.1	633.2	594.1	555.0	498.7	445.0	396.1	344.7	288.5	239.6
-55°	667.4	623.4	579.4	542.8	506.1	457.2	413.2	371.6	322.7	273.8	227.4
-57.5°	608.8	572.1	530.5	496.3	459.6	420.5	383.8	344.7	300.7	259.2	215.1
-60°	555.0	520.8	484.1	449.9	418.1	386.3	352.1	320.3	281.2	242.0	202.9
-62.5°	501.2	471.9	440.1	405.8	381.4	352.1	325.2	293.4	261.6	227.4	180.9
-65°	452.3	425.4	396.1	366.7	344.7	322.7	298.3	268.9	242.0	210.3	161.4
-67.5°	403.4	379.0	354.5	330.1	310.5	293.4	268.9	246.9	224.9	190.7	141.8
-70°	356.9	337.4	315.4	295.8	281.2	261.6	244.5	224.9	205.4	166.2	119.8
-72.5°	312.9	293.4	276.3	261.6	249.4	232.3	217.6	202.9	176.0	139.4	100.2
-75°	261.6	249.4	239.6	227.4	215.1	202.9	190.7	173.6	146.7	112.5	78.2
-77.5°	215.1	207.8	200.5	190.7	180.9	171.1	156.5	139.4	117.4	88.0	63.6
-80°	176.0	168.7	163.8	154.0	146.7	136.9	122.2	107.6	85.6	68.5	51.3
-82.5°	134.5	129.6	124.7	119.8	112.5	102.7	88.0	75.8	63.6	51.3	39.1
-85°	95.3	92.9	88.0	83.1	75.8	68.5	58.7	51.3	44.0	34.2	26.9
-87.5°	48.9	46.5	44.0	41.6	39.1	34.2	29.3	24.4	22.0	17.1	12.2
-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°	9.8	7.3	2.4	0.0
85°	19.6	12.2	4.9	0.0
82.5°	29.3	19.6	7.3	0.0
80°	39.1	24.4	12.2	0.0
77.5°	48.9	29.3	14.7	0.0
75°	58.7	36.7	17.1	0.0
72.5°	66.0	41.6	19.6	0.0
70°	78.2	48.9	22.0	0.0
67.5°	97.8	53.8	24.4	0.0
65°	114.9	58.7	26.9	0.0
62.5°	134.5	63.6	29.3	0.0
60°	151.6	68.5	31.8	0.0
57.5°	168.7	80.7	34.2	0.0
55°	183.4	90.5	36.7	0.0
52.5°	200.5	100.2	39.1	0.0
50°	215.1	110.0	41.6	0.0
47.5°	227.4	119.8	41.6	0.0
45°	237.2	127.1	44.0	0.0
42.5°	244.5	134.5	46.5	0.0
40°	251.8	141.8	48.9	0.0
37.5°	259.2	149.1	48.9	0.0
35°	266.5	156.5	51.3	0.0
32.5°	273.8	163.8	51.3	0.0
30°	278.7	168.7	53.8	0.0
27.5°	286.0	173.6	53.8	0.0
25°	288.5	178.5	56.2	0.0
22.5°	293.4	180.9	56.2	0.0
20°	298.3	185.8	56.2	0.0
17.5°	300.7	188.3	58.7	0.0
15°	300.7	190.7	61.1	0.0
12.5°	303.2	193.1	61.1	0.0
10°	303.2	198.0	58.7	0.0
7.5°	308.1	195.6	58.7	0.0
5°	305.6	195.6	58.7	0.0
2.5°	303.2	193.1	58.7	0.0
0°	300.7	193.1	58.7	0.0
-2.5°	300.7	193.1	58.7	0.0
-5°	300.7	193.1	58.7	0.0
-7.5°	298.3	195.6	58.7	0.0
-10°	293.4	195.6	58.7	0.0
-12.5°	290.9	188.3	58.7	0.0
-15°	288.5	185.8	58.7	0.0
-17.5°	283.6	183.4	56.2	0.0
-20°	278.7	180.9	56.2	0.0



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 CATALOG NUMBER: IFLD-S-SA6A-727-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	273.8	176.0	56.2	0.0
-25°	268.9	171.1	53.8	0.0
-27.5°	264.0	166.2	53.8	0.0
-30°	256.7	161.4	51.3	0.0
-32.5°	249.4	156.5	51.3	0.0
-35°	244.5	149.1	48.9	0.0
-37.5°	237.2	141.8	48.9	0.0
-40°	229.8	134.5	46.5	0.0
-42.5°	222.5	127.1	44.0	0.0
-45°	212.7	119.8	44.0	0.0
-47.5°	205.4	112.5	41.6	0.0
-50°	193.1	102.7	39.1	0.0
-52.5°	178.5	92.9	36.7	0.0
-55°	163.8	85.6	34.2	0.0
-57.5°	149.1	75.8	34.2	0.0
-60°	134.5	66.0	31.8	0.0
-62.5°	119.8	61.1	29.3	0.0
-65°	105.1	56.2	26.9	0.0
-67.5°	88.0	48.9	24.4	0.0
-70°	73.3	44.0	22.0	0.0
-72.5°	63.6	39.1	19.6	0.0
-75°	53.8	34.2	17.1	0.0
-77.5°	46.5	29.3	14.7	0.0
-80°	36.7	22.0	9.8	0.0
-82.5°	26.9	17.1	7.3	0.0
-85°	17.1	12.2	4.9	0.0
-87.5°	9.8	4.9	2.4	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)