

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: P722050

Luminaire Tested: **IFLD-S-SA2E-735-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722050  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA2E-735-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (32) 3500K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

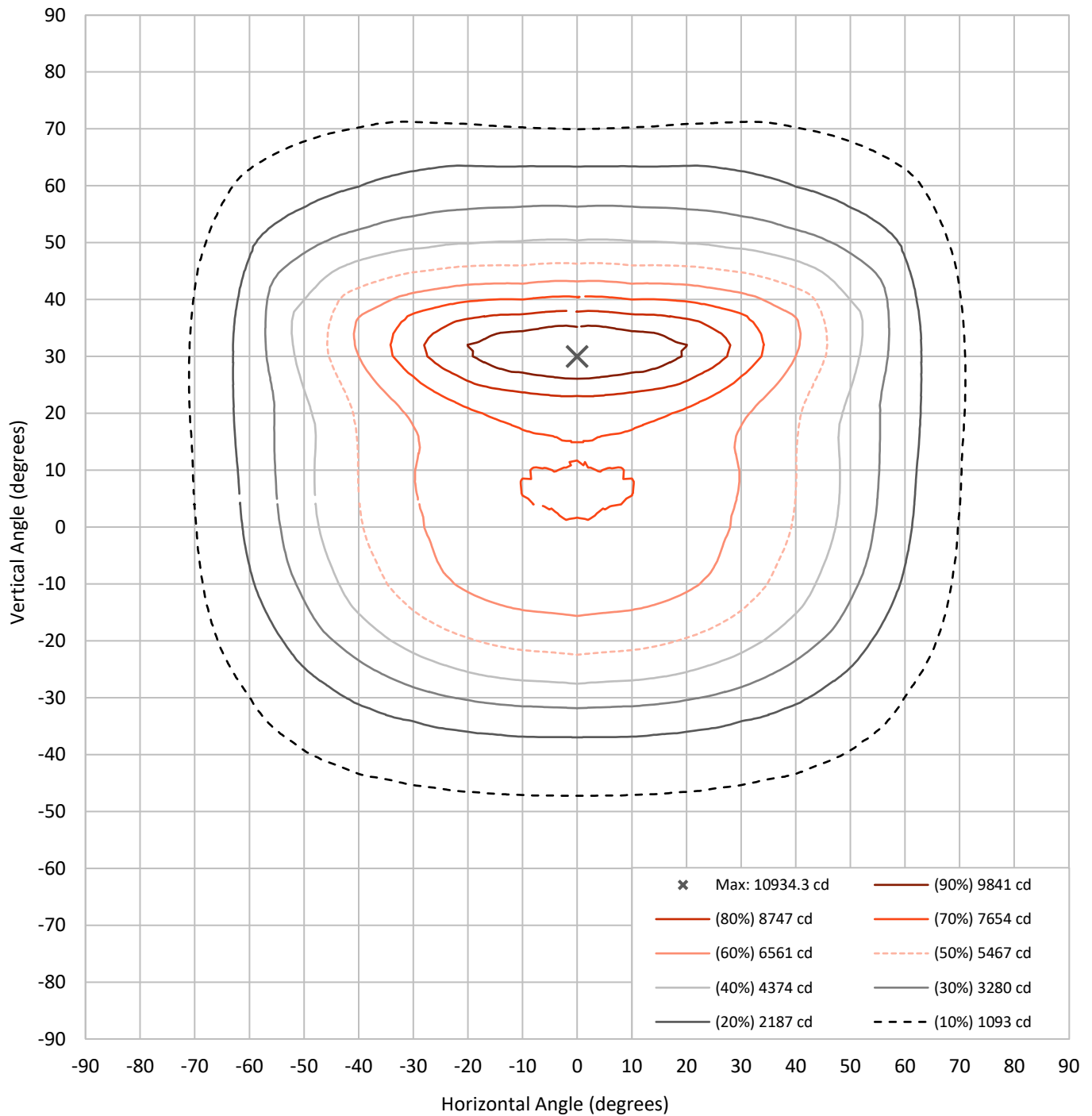
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	18252.2 lumens	Max Intensity:	10934.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	116.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	10613.8 lumens	Field Lumens:	17104.6 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 156.2  
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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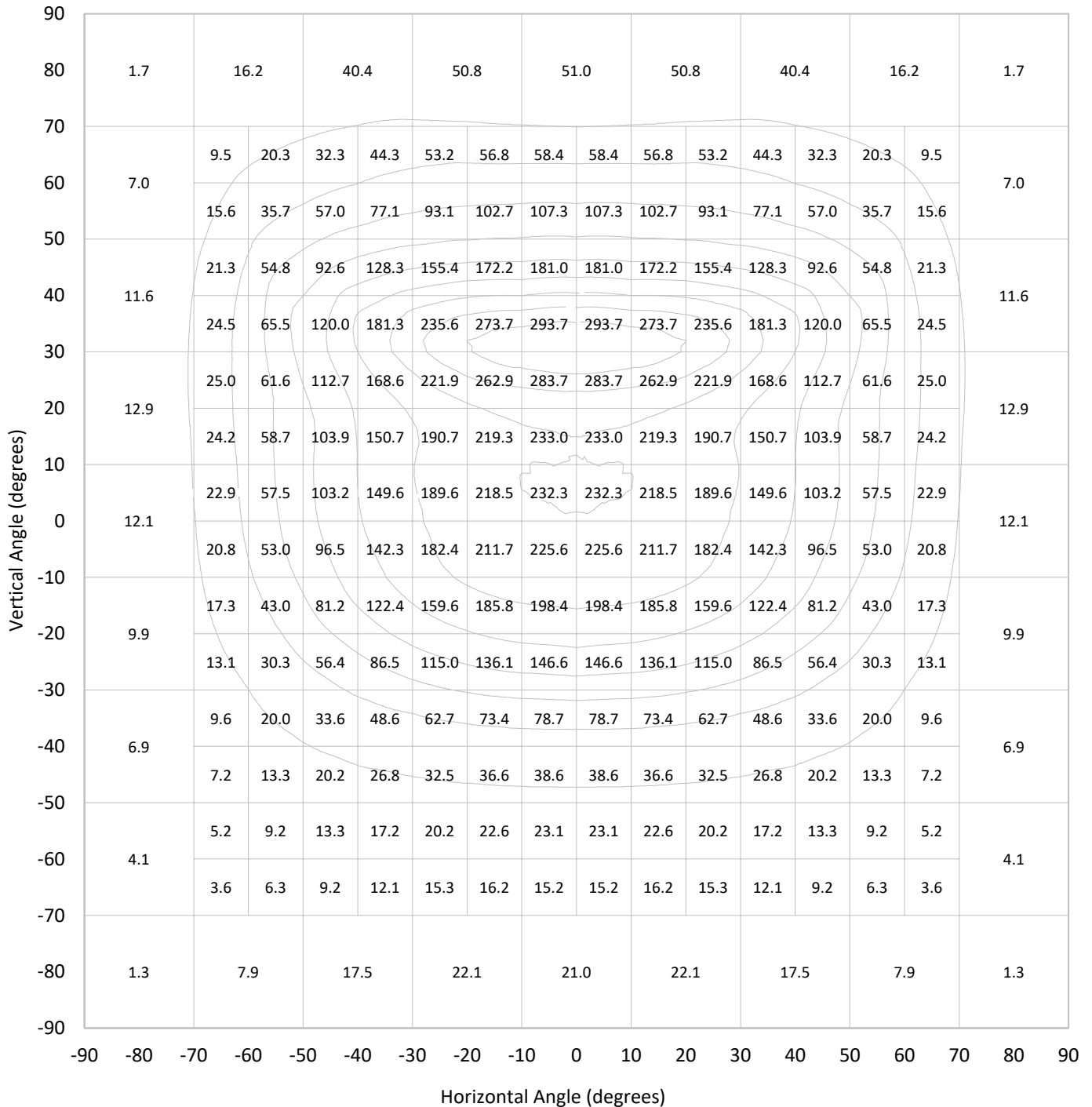
### Iso-Candela Plot





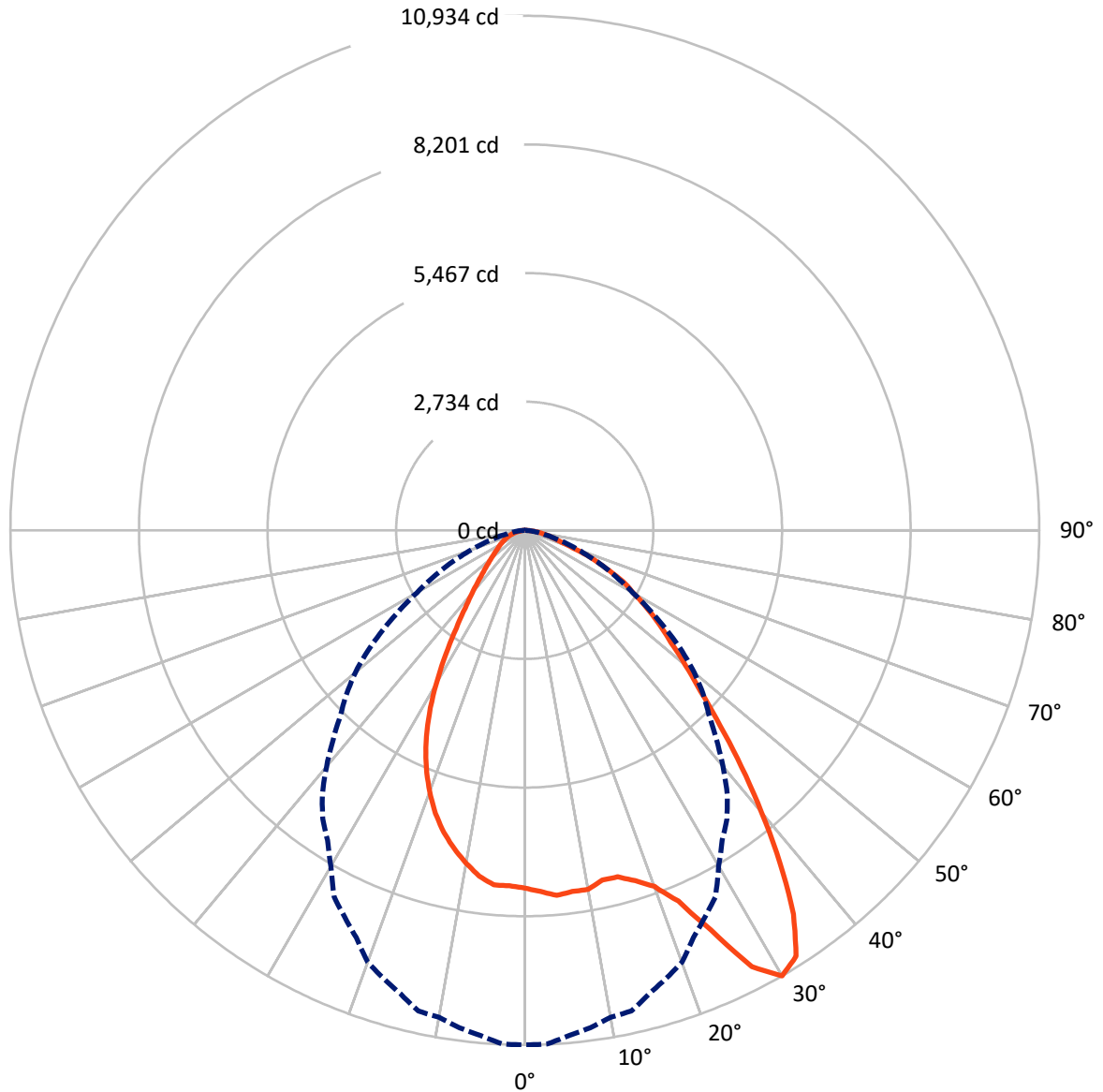
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### Lumen Table



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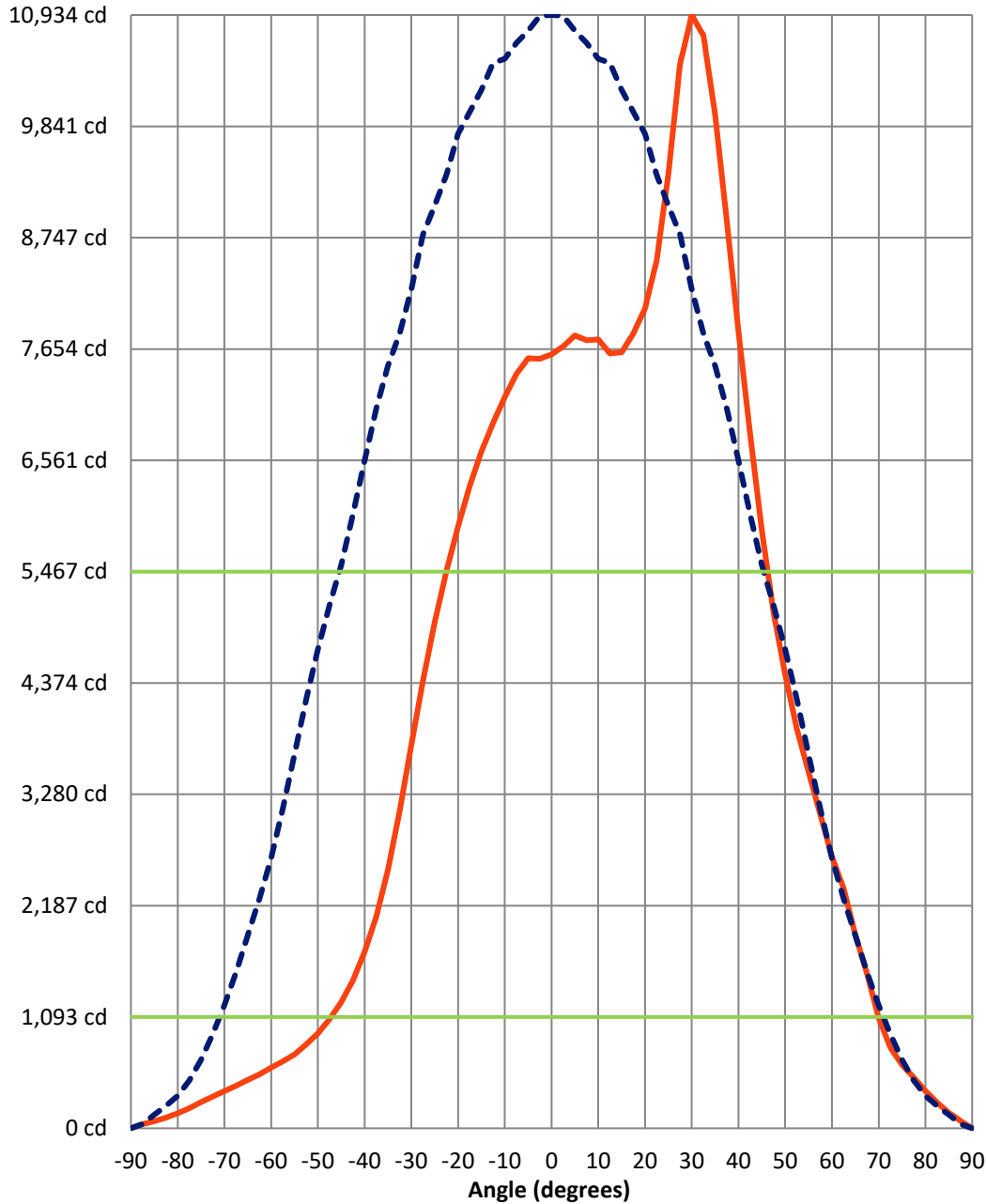
### Luminous Intensity Polar Plot



— 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: 10613.8  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 17104.6  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 1147.5  
 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°	73.5	75.4	77.3	77.3	75.4	75.4	75.4	73.5	75.4	75.4	75.4
85°	152.8	156.6	160.5	158.6	156.6	152.8	148.9	150.8	152.8	154.7	154.7
82.5°	253.3	259.1	263.0	261.0	257.2	253.3	249.4	251.4	255.2	257.2	257.2
80°	367.4	369.3	371.2	375.1	369.3	369.3	367.4	375.1	379.0	382.8	386.7
77.5°	498.9	500.8	500.8	502.7	504.7	506.6	506.6	520.1	529.8	535.6	541.4
75°	622.6	628.4	634.2	640.0	647.7	651.6	657.4	676.7	692.2	703.8	715.4
72.5°	792.8	800.5	810.2	823.7	837.2	846.9	860.4	883.6	901.0	912.6	926.2
70°	1084.7	1092.5	1102.1	1111.8	1125.3	1135.0	1148.5	1177.5	1194.9	1202.7	1210.4
67.5°	1517.9	1537.2	1554.6	1535.3	1525.6	1512.1	1515.9	1543.0	1560.4	1572.0	1570.1
65°	1902.6	1916.2	1916.2	1914.2	1906.5	1889.1	1898.8	1931.6	1951.0	1960.6	1931.6
62.5°	2355.1	2355.1	2345.4	2360.9	2362.8	2351.2	2345.4	2347.4	2349.3	2355.1	2306.8
60°	2668.3	2687.7	2693.5	2707.0	2710.9	2710.9	2720.5	2728.3	2728.3	2716.7	2660.6
57.5°	3082.1	3118.9	3126.6	3116.9	3097.6	3072.4	3068.6	3057.0	3033.8	3010.6	2983.5
55°	3499.8	3519.1	3517.2	3511.4	3492.0	3463.0	3466.9	3451.4	3414.7	3385.7	3348.9
52.5°	3919.3	3965.8	3973.5	3961.9	3934.8	3903.9	3905.8	3888.4	3851.7	3820.7	3770.5
50°	4454.9	4493.6	4489.8	4470.4	4431.7	4408.5	4410.5	4377.6	4335.1	4325.4	4259.7
47.5°	5067.9	5112.4	5104.6	5077.6	5025.4	5015.7	5025.4	4982.8	4957.7	4936.4	4859.1
45°	5872.3	5924.5	5895.5	5843.3	5760.1	5769.8	5783.3	5775.6	5721.4	5665.4	5566.8
42.5°	6815.8	6848.7	6813.9	6761.7	6657.3	6676.6	6668.9	6622.5	6589.6	6496.8	6371.1
40°	7825.2	7896.7	7842.6	7761.4	7653.1	7682.1	7660.8	7600.9	7523.5	7407.5	7249.0
37.5°	8913.8	8969.8	8908.0	8813.2	8716.5	8706.9	8664.3	8571.5	8461.3	8333.7	8080.4
35°	9956.0	10101.0	9986.9	9836.1	9718.1	9673.7	9633.1	9418.4	9292.7	9085.9	8739.7
32.5°	10731.3	10837.7	10696.5	10539.9	10396.8	10334.9	10191.9	9936.6	9868.9	9433.9	9116.8
30°	10934.3	10926.6	10779.7	10659.8	10505.1	10462.6	10199.6	9983.0	9766.5	9364.3	9062.6
27.5°	10451.0	10402.6	10261.5	10157.1	10004.3	9954.0	9694.9	9578.9	9244.4	8904.1	8648.9
25°	9374.0	9399.1	9292.7	9240.5	9140.0	9031.7	8929.2	8772.6	8563.8	8266.0	8032.1
22.5°	8525.1	8558.0	8513.5	8451.6	8374.3	8314.4	8237.0	8115.2	7914.1	7730.4	7510.0
20°	8053.3	8043.7	8005.0	7958.6	7885.1	7842.6	7757.5	7655.0	7500.3	7341.8	7103.9
17.5°	7805.8	7745.9	7709.1	7691.7	7653.1	7598.9	7498.4	7394.0	7274.1	7094.3	6920.3
15°	7622.1	7631.8	7602.8	7589.3	7558.3	7482.9	7380.4	7295.4	7132.9	7042.1	6883.5
12.5°	7610.5	7600.9	7602.8	7597.0	7558.3	7461.7	7409.4	7301.2	7196.8	7076.9	6895.1
10°	7747.8	7645.3	7653.1	7680.1	7618.3	7540.9	7484.9	7366.9	7268.3	7115.5	6935.7
7.5°	7740.1	7687.9	7703.3	7658.9	7678.2	7583.5	7506.1	7388.2	7264.4	7102.0	6939.6
5°	7786.5	7707.2	7693.7	7697.5	7649.2	7577.7	7473.3	7361.1	7245.1	7063.3	6897.0
2.5°	7680.1	7691.7	7629.9	7606.7	7600.9	7481.0	7384.3	7276.0	7156.1	6995.7	6846.8
0°	7600.9	7622.1	7558.3	7525.5	7523.5	7421.0	7359.2	7235.4	7150.3	7016.9	6837.1
-2.5°	7558.3	7583.5	7591.2	7531.3	7473.3	7394.0	7289.6	7156.1	7016.9	6862.2	6707.6
-5°	7562.2	7511.9	7490.7	7510.0	7459.7	7380.4	7264.4	7146.5	7009.2	6842.9	6649.6
-7.5°	7409.4	7359.2	7355.3	7345.6	7334.0	7258.6	7161.9	7034.3	6895.1	6740.4	6560.6
-10°	7181.3	7144.5	7134.9	7125.2	7094.3	7049.8	6958.9	6842.9	6717.2	6562.5	6371.1
-12.5°	6928.0	6910.6	6873.8	6848.7	6817.8	6765.6	6678.6	6572.2	6446.5	6309.2	6144.9
-15°	6647.6	6614.7	6578.0	6556.7	6512.3	6450.4	6363.4	6264.8	6127.5	5992.1	5837.5
-17.5°	6309.2	6268.6	6228.0	6222.2	6191.3	6096.6	6015.3	5895.5	5775.6	5646.0	5495.2
-20°	5910.9	5854.9	5827.8	5812.3	5769.8	5700.2	5613.2	5502.9	5386.9	5263.2	5089.2



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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°	5470.1	5421.7	5375.3	5346.3	5309.6	5255.4	5172.3	5075.6	4961.5	4822.3	4661.8
-25°	4969.3	4901.6	4872.6	4839.7	4820.4	4770.1	4688.9	4600.0	4482.0	4346.7	4193.9
-27.5°	4396.9	4342.8	4327.3	4280.9	4257.7	4205.5	4137.8	4054.7	3946.4	3818.8	3693.1
-30°	3764.7	3731.8	3706.7	3660.3	3642.8	3586.8	3542.3	3472.7	3374.1	3283.2	3182.7
-32.5°	3115.0	3082.1	3074.4	3053.1	3041.5	3004.8	2954.5	2904.2	2824.9	2757.3	2676.1
-35°	2538.8	2515.6	2517.5	2515.6	2504.0	2476.9	2415.0	2401.5	2343.5	2281.6	2229.4
-37.5°	2078.6	2080.5	2078.6	2076.7	2061.2	2049.6	2005.1	1987.7	1952.9	1893.0	1862.0
-40°	1732.5	1736.3	1734.4	1730.5	1713.1	1707.3	1678.3	1655.1	1641.6	1599.1	1566.2
-42.5°	1452.1	1457.9	1456.0	1454.0	1442.4	1440.5	1425.0	1398.0	1390.2	1365.1	1330.3
-45°	1239.4	1237.5	1233.6	1237.5	1231.7	1225.9	1216.2	1198.8	1189.1	1177.5	1148.5
-47.5°	1071.2	1073.1	1069.3	1069.3	1061.5	1055.7	1051.9	1040.3	1032.5	1022.9	1005.5
-50°	932.0	939.7	937.8	935.8	930.0	926.2	926.2	914.6	903.0	899.1	887.5
-52.5°	823.7	829.5	831.4	835.3	837.2	839.2	833.4	821.8	802.4	800.5	794.7
-55°	725.1	742.5	754.1	761.8	769.6	775.4	763.8	748.3	729.0	721.2	719.3
-57.5°	657.4	674.8	688.4	700.0	709.6	719.3	707.7	692.2	674.8	665.1	663.2
-60°	595.5	611.0	624.5	640.0	653.5	669.0	663.2	651.6	641.9	634.2	626.5
-62.5°	529.8	545.3	560.7	580.1	597.5	612.9	614.9	612.9	611.0	612.9	599.4
-65°	475.7	483.4	493.1	514.3	533.7	551.1	560.7	566.5	576.2	585.9	572.3
-67.5°	417.7	427.3	438.9	454.4	469.9	481.5	495.0	510.5	525.9	541.4	531.7
-70°	365.4	373.2	382.8	390.6	400.2	408.0	419.6	437.0	454.4	469.9	466.0
-72.5°	311.3	319.0	324.8	328.7	334.5	338.4	344.2	359.6	371.2	379.0	379.0
-75°	257.2	264.9	270.7	272.6	276.5	278.4	282.3	288.1	293.9	295.8	297.8
-77.5°	197.2	205.0	210.8	214.6	218.5	222.4	224.3	228.2	230.1	230.1	232.0
-80°	147.0	152.8	156.6	162.4	164.4	168.2	172.1	174.0	176.0	176.0	177.9
-82.5°	104.4	108.3	112.1	116.0	119.9	121.8	125.7	127.6	129.5	131.5	133.4
-85°	69.6	73.5	77.3	81.2	83.1	85.1	87.0	88.9	90.9	92.8	94.7
-87.5°	40.6	42.5	44.5	48.3	50.3	54.1	56.1	54.1	56.1	56.1	56.1
-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):**

	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°	75.4	75.4	75.4	75.4	73.5	69.6	67.7	63.8	59.9	56.1	52.2
85°	156.6	158.6	158.6	158.6	154.7	152.8	147.0	141.2	133.4	121.8	112.1
82.5°	261.0	263.0	263.0	261.0	257.2	251.4	243.6	234.0	218.5	203.0	189.5
80°	392.5	394.4	394.4	392.5	382.8	373.2	363.5	351.9	332.6	311.3	288.1
77.5°	549.1	553.0	553.0	547.2	533.7	522.1	506.6	487.3	458.3	427.3	396.4
75°	730.9	740.6	742.5	736.7	719.3	698.0	672.9	640.0	595.5	556.9	520.1
72.5°	941.6	951.3	959.1	951.3	926.2	897.2	860.4	821.8	777.3	725.1	663.2
70°	1218.1	1227.8	1233.6	1208.5	1164.0	1115.7	1071.2	1026.7	974.5	910.7	843.0
67.5°	1566.2	1556.5	1544.9	1494.7	1438.6	1380.6	1318.7	1253.0	1185.3	1117.6	1038.3
65°	1900.7	1873.6	1848.5	1788.6	1717.0	1641.6	1570.1	1496.6	1415.4	1330.3	1254.9
62.5°	2252.6	2194.6	2132.7	2059.3	1985.8	1902.6	1831.1	1744.1	1653.2	1548.8	1452.1
60°	2598.7	2529.1	2467.2	2376.4	2279.7	2167.5	2090.2	2005.1	1898.8	1786.6	1672.5
57.5°	2933.2	2857.8	2790.1	2710.9	2606.5	2484.6	2399.6	2289.3	2177.2	2036.1	1920.0
55°	3289.0	3213.6	3159.5	3070.5	2956.4	2844.3	2751.5	2635.5	2478.8	2328.0	2184.9
52.5°	3697.0	3637.0	3579.0	3488.2	3350.9	3236.8	3134.3	3004.8	2840.4	2654.8	2482.7
50°	4153.3	4122.4	4060.5	3954.2	3797.5	3697.0	3561.6	3389.6	3213.6	3018.3	2803.7
47.5°	4758.5	4708.2	4621.2	4505.2	4373.7	4222.9	4041.2	3840.1	3590.6	3374.1	3145.9
45°	5481.7	5388.9	5276.7	5120.1	4957.7	4787.5	4588.4	4333.1	3998.6	3716.3	3476.6
42.5°	6264.8	6139.1	5986.3	5781.4	5570.6	5361.8	5147.2	4799.1	4381.5	4056.6	3785.9
40°	7082.7	6922.2	6730.8	6433.0	6199.0	5930.3	5684.7	5164.6	4719.8	4367.9	4079.8
37.5°	7883.2	7680.1	7359.2	6997.6	6725.0	6504.5	5965.1	5408.2	5009.9	4623.2	4331.2
35°	8496.1	8324.0	7757.5	7382.4	7148.4	6800.4	6125.6	5555.2	5133.6	4812.7	4358.3
32.5°	8859.6	8414.9	7918.0	7539.0	7345.6	6775.2	6137.2	5597.7	5191.6	4832.0	4288.7
30°	8778.4	8240.9	7805.8	7488.7	7069.1	6556.7	6028.9	5531.9	5137.5	4702.4	4211.3
27.5°	8289.2	7873.5	7484.9	7154.2	6742.4	6282.2	5794.9	5357.9	4990.5	4569.0	4105.0
25°	7736.2	7359.2	7071.1	6783.0	6392.4	5953.5	5524.2	5209.0	4839.7	4424.0	3965.8
22.5°	7227.7	6957.0	6730.8	6429.1	6048.2	5665.4	5398.5	5071.8	4692.8	4271.3	3822.7
20°	6902.8	6719.2	6460.1	6127.5	5827.8	5588.0	5292.2	4946.1	4555.5	4114.6	3700.9
17.5°	6746.2	6533.5	6245.4	6028.9	5798.8	5535.8	5205.2	4837.8	4422.1	4043.1	3714.4
15°	6665.0	6440.7	6251.2	6038.5	5779.4	5502.9	5135.6	4754.7	4422.1	4072.1	3724.1
12.5°	6682.4	6489.1	6282.2	6050.1	5771.7	5475.9	5143.3	4789.5	4445.3	4093.4	3726.0
10°	6736.6	6533.5	6313.1	6055.9	5775.6	5483.6	5164.6	4810.7	4456.9	4103.0	3722.1
7.5°	6755.9	6535.5	6299.6	6040.5	5765.9	5479.7	5168.4	4816.5	4458.8	4101.1	3710.5
5°	6696.0	6496.8	6268.6	6007.6	5738.8	5460.4	5153.0	4808.8	4443.3	4081.8	3681.5
2.5°	6614.7	6454.3	6235.8	5984.4	5711.8	5433.3	5127.8	4774.0	4408.5	4047.0	3644.8
0°	6601.2	6402.1	6181.6	5957.3	5667.3	5373.4	5069.8	4708.2	4344.7	3981.2	3581.0
-2.5°	6512.3	6301.5	6081.1	5837.5	5582.2	5286.4	4967.3	4613.5	4253.9	3896.1	3511.4
-5°	6444.6	6210.6	5976.7	5713.7	5456.5	5160.7	4830.1	4485.9	4134.0	3785.9	3414.7
-7.5°	6353.7	6114.0	5868.4	5593.8	5315.4	5013.8	4687.0	4342.8	3996.7	3650.6	3294.8
-10°	6170.0	5959.3	5729.2	5444.9	5151.0	4849.4	4524.6	4186.2	3840.1	3490.1	3132.4
-12.5°	5947.7	5725.3	5473.9	5212.9	4949.9	4669.6	4344.7	4012.2	3664.1	3312.2	2956.4
-15°	5659.6	5441.1	5183.9	4928.7	4675.4	4406.6	4120.4	3820.7	3466.9	3120.8	2765.0
-17.5°	5299.9	5095.0	4864.9	4621.2	4369.9	4099.2	3820.7	3567.4	3236.8	2912.0	2560.0
-20°	4913.2	4721.8	4514.9	4284.8	4033.4	3768.5	3505.6	3240.7	2954.5	2668.3	2341.6



REPORT NUMBER: P722050  
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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°	4511.0	4317.7	4108.8	3894.2	3662.2	3416.6	3173.0	2919.7	2668.3	2409.2	2132.7
-25°	4047.0	3876.8	3685.4	3476.6	3269.7	3055.0	2823.0	2592.9	2378.3	2154.0	1927.8
-27.5°	3561.6	3405.0	3231.0	3049.2	2871.4	2691.5	2490.4	2277.7	2099.9	1914.2	1726.7
-30°	3051.2	2925.5	2784.3	2625.8	2488.5	2343.5	2175.3	1999.3	1836.9	1695.7	1544.9
-32.5°	2567.8	2461.4	2360.9	2256.5	2121.1	2009.0	1893.0	1763.4	1620.3	1486.9	1378.6
-35°	2152.1	2038.0	1995.4	1918.1	1821.4	1722.8	1637.7	1544.9	1436.6	1318.7	1229.8
-37.5°	1802.1	1734.4	1674.5	1631.9	1568.1	1488.8	1421.2	1353.5	1270.4	1181.4	1092.5
-40°	1529.5	1483.0	1417.3	1396.0	1355.4	1301.3	1231.7	1179.5	1123.4	1055.7	980.3
-42.5°	1311.0	1276.2	1233.6	1196.9	1179.5	1140.8	1086.7	1036.4	991.9	945.5	887.5
-45°	1131.1	1107.9	1080.9	1048.0	1034.5	1003.5	964.9	908.8	883.6	845.0	802.4
-47.5°	986.1	974.5	955.2	933.9	914.6	891.4	856.6	821.8	787.0	761.8	729.0
-50°	872.0	864.3	852.7	835.3	810.2	794.7	771.5	740.6	707.7	686.4	663.2
-52.5°	781.2	773.4	765.7	752.2	732.8	717.4	698.0	672.9	645.8	624.5	605.2
-55°	711.6	700.0	694.2	682.6	667.1	649.7	632.3	614.9	591.7	572.3	553.0
-57.5°	657.4	641.9	634.2	624.5	609.1	591.7	578.1	560.7	545.3	524.0	506.6
-60°	614.9	597.5	582.0	572.3	558.8	541.4	527.9	514.3	498.9	481.5	460.2
-62.5°	580.1	558.8	537.5	525.9	512.4	496.9	483.4	469.9	454.4	437.0	417.7
-65°	547.2	522.1	495.0	483.4	469.9	454.4	437.0	427.3	413.8	398.3	379.0
-67.5°	506.6	479.5	456.3	442.8	429.3	415.7	400.2	390.6	377.0	357.7	338.4
-70°	446.7	429.3	413.8	402.2	390.6	379.0	363.5	348.0	332.6	315.2	297.8
-72.5°	371.2	365.4	363.5	357.7	344.2	330.6	315.2	299.7	286.2	272.6	259.1
-75°	299.7	303.6	307.4	305.5	292.0	278.4	264.9	251.4	241.7	230.1	218.5
-77.5°	237.8	241.7	245.6	245.6	235.9	228.2	218.5	208.8	201.1	191.4	179.8
-80°	183.7	189.5	195.3	199.2	191.4	185.6	177.9	170.2	162.4	154.7	147.0
-82.5°	139.2	145.0	150.8	154.7	148.9	145.0	139.2	133.4	127.6	119.9	114.1
-85°	100.5	104.4	108.3	110.2	106.3	102.5	98.6	94.7	90.9	85.1	81.2
-87.5°	58.0	59.9	61.9	63.8	59.9	56.1	54.1	50.3	48.3	44.5	42.5
-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°	48.3	44.5	40.6	38.7	34.8	29.0	25.1	21.3	17.4	13.5	11.6
85°	102.5	92.8	81.2	75.4	67.7	59.9	52.2	44.5	36.7	29.0	21.3
82.5°	176.0	164.4	152.8	139.2	121.8	100.5	79.3	65.7	54.1	42.5	32.9
80°	264.9	243.6	224.3	206.9	187.6	160.5	131.5	104.4	73.5	56.1	42.5
77.5°	367.4	342.2	315.2	286.2	255.2	218.5	185.6	150.8	114.1	77.3	54.1
75°	483.4	450.5	413.8	373.2	332.6	284.2	237.8	197.2	154.7	108.3	65.7
72.5°	612.9	572.3	527.9	473.7	409.9	353.8	297.8	243.6	193.4	137.3	88.9
70°	779.2	715.4	649.7	591.7	510.5	421.5	355.8	293.9	230.1	168.2	112.1
67.5°	957.1	879.8	800.5	715.4	612.9	508.5	413.8	344.2	268.8	197.2	133.4
65°	1150.5	1053.8	953.3	858.5	717.4	593.6	487.3	392.5	305.5	224.3	154.7
62.5°	1349.6	1235.6	1119.5	995.8	833.4	680.6	556.9	446.7	340.3	249.4	174.0
60°	1562.3	1428.9	1287.8	1133.1	943.6	775.4	622.6	502.7	377.0	274.6	195.3
57.5°	1786.6	1641.6	1475.3	1266.5	1057.7	866.2	698.0	553.0	409.9	297.8	210.8
55°	2030.2	1864.0	1682.2	1405.7	1169.8	957.1	773.4	603.3	444.7	317.1	226.2
52.5°	2293.2	2099.9	1869.8	1552.7	1287.8	1049.9	843.0	647.7	477.6	338.4	239.8
50°	2587.1	2343.5	2034.1	1688.0	1390.2	1136.9	912.6	696.1	504.7	361.6	251.4
47.5°	2892.6	2629.7	2181.1	1813.7	1494.7	1222.0	984.2	738.6	531.7	380.9	263.0
45°	3211.7	2828.8	2333.8	1925.8	1585.5	1299.4	1038.3	777.3	564.6	398.3	272.6
42.5°	3526.8	2979.6	2467.2	2038.0	1670.6	1369.0	1082.8	814.0	591.7	415.7	282.3
40°	3675.7	3093.7	2573.6	2115.3	1742.1	1430.8	1121.5	846.9	614.9	427.3	292.0
37.5°	3737.6	3163.3	2643.2	2188.8	1798.2	1463.7	1154.3	875.9	634.2	438.9	299.7
35°	3751.1	3188.5	2678.0	2239.1	1844.6	1494.7	1179.5	897.2	649.7	450.5	307.4
32.5°	3726.0	3180.7	2687.7	2256.5	1873.6	1517.9	1196.9	912.6	661.3	462.1	315.2
30°	3669.9	3140.1	2652.9	2254.5	1894.9	1531.4	1208.5	924.2	672.9	469.9	319.0
27.5°	3579.0	3068.6	2608.4	2256.5	1906.5	1537.2	1214.3	930.0	680.6	475.7	326.8
25°	3466.9	2971.9	2610.3	2252.6	1908.4	1539.1	1214.3	930.0	682.6	477.6	332.6
22.5°	3337.3	2971.9	2610.3	2246.8	1896.8	1535.3	1208.5	926.2	682.6	481.5	338.4
20°	3345.1	2973.8	2604.5	2235.2	1879.4	1523.7	1194.9	916.5	676.7	487.3	342.2
17.5°	3350.9	2970.0	2592.9	2219.7	1856.2	1504.3	1177.5	903.0	676.7	493.1	344.2
15°	3350.9	2958.4	2575.5	2196.5	1827.2	1477.2	1152.4	891.4	678.7	495.0	348.0
12.5°	3345.1	2937.1	2548.4	2165.6	1792.4	1444.4	1136.9	887.5	678.7	496.9	348.0
10°	3333.5	2908.1	2513.6	2126.9	1759.5	1432.8	1129.2	879.8	674.8	496.9	348.0
7.5°	3312.2	2873.3	2484.6	2103.7	1740.2	1419.2	1117.6	868.2	669.0	493.1	351.9
5°	3279.3	2854.0	2461.4	2076.7	1713.1	1409.6	1109.9	858.5	665.1	493.1	348.0
2.5°	3236.8	2830.7	2434.4	2041.9	1682.2	1376.7	1084.7	837.2	651.6	485.3	344.2
0°	3167.2	2784.3	2388.0	1993.5	1639.7	1343.8	1059.6	816.0	638.1	477.6	340.3
-2.5°	3103.4	2722.5	2328.0	1943.2	1599.1	1314.8	1040.3	804.4	632.3	475.7	338.4
-5°	3014.4	2637.4	2248.7	1877.5	1544.9	1285.8	1020.9	790.8	626.5	471.8	338.4
-7.5°	2915.8	2548.4	2165.6	1809.8	1490.8	1235.6	984.2	769.6	612.9	464.1	336.4
-10°	2763.1	2415.0	2061.2	1732.5	1432.8	1191.1	953.3	750.2	601.3	456.3	328.7
-12.5°	2600.7	2268.1	1941.3	1637.7	1367.0	1144.7	918.4	729.0	587.8	448.6	324.8
-15°	2428.6	2117.3	1815.6	1539.1	1295.5	1088.6	881.7	705.8	574.3	438.9	319.0
-17.5°	2248.7	1958.7	1686.1	1438.6	1224.0	1030.6	843.0	684.5	558.8	429.3	313.2
-20°	2059.3	1796.3	1554.6	1336.1	1148.5	972.6	802.4	659.3	541.4	417.7	305.5



REPORT NUMBER: P722050  
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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°	1871.7	1635.8	1419.2	1235.6	1071.2	912.6	761.8	634.2	522.1	404.1	299.7
-25°	1705.4	1485.0	1299.4	1138.9	995.8	854.6	719.3	609.1	500.8	390.6	292.0
-27.5°	1543.0	1355.4	1181.4	1048.0	922.3	798.6	678.7	582.0	479.5	375.1	284.2
-30°	1392.2	1231.7	1088.6	959.1	852.7	748.3	643.9	554.9	456.3	359.6	274.6
-32.5°	1254.9	1125.3	1005.5	881.7	787.0	698.0	611.0	527.9	433.1	344.2	264.9
-35°	1127.3	1026.7	922.3	817.9	721.2	651.6	576.2	498.9	411.9	326.8	255.2
-37.5°	1013.2	932.0	848.8	759.9	676.7	607.1	543.3	469.9	390.6	311.3	245.6
-40°	914.6	848.8	775.4	703.8	634.2	568.5	510.5	440.9	369.3	299.7	235.9
-42.5°	823.7	773.4	713.5	653.5	591.7	533.7	477.6	409.9	348.0	286.2	226.2
-45°	754.1	703.8	655.5	601.3	549.1	498.9	442.8	382.8	328.7	270.7	216.6
-47.5°	688.4	643.9	599.4	554.9	512.4	466.0	409.9	359.6	307.4	257.2	208.8
-50°	630.3	587.8	549.1	510.5	473.7	429.3	377.0	336.4	290.0	243.6	199.2
-52.5°	576.2	539.5	500.8	469.9	438.9	394.4	351.9	313.2	272.6	228.2	189.5
-55°	527.9	493.1	458.3	429.3	400.2	361.6	326.8	293.9	255.2	216.6	179.8
-57.5°	481.5	452.5	419.6	392.5	363.5	332.6	303.6	272.6	237.8	205.0	170.2
-60°	438.9	411.9	382.8	355.8	330.6	305.5	278.4	253.3	222.4	191.4	160.5
-62.5°	396.4	373.2	348.0	321.0	301.6	278.4	257.2	232.0	206.9	179.8	143.1
-65°	357.7	336.4	313.2	290.0	272.6	255.2	235.9	212.7	191.4	166.3	127.6
-67.5°	319.0	299.7	280.4	261.0	245.6	232.0	212.7	195.3	177.9	150.8	112.1
-70°	282.3	266.8	249.4	234.0	222.4	206.9	193.4	177.9	162.4	131.5	94.7
-72.5°	247.5	232.0	218.5	206.9	197.2	183.7	172.1	160.5	139.2	110.2	79.3
-75°	206.9	197.2	189.5	179.8	170.2	160.5	150.8	137.3	116.0	88.9	61.9
-77.5°	170.2	164.4	158.6	150.8	143.1	135.3	123.7	110.2	92.8	69.6	50.3
-80°	139.2	133.4	129.5	121.8	116.0	108.3	96.7	85.1	67.7	54.1	40.6
-82.5°	106.3	102.5	98.6	94.7	88.9	81.2	69.6	59.9	50.3	40.6	30.9
-85°	75.4	73.5	69.6	65.7	59.9	54.1	46.4	40.6	34.8	27.1	21.3
-87.5°	38.7	36.7	34.8	32.9	30.9	27.1	23.2	19.3	17.4	13.5	9.7
-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°	7.7	5.8	1.9	0.0
85°	15.5	9.7	3.9	0.0
82.5°	23.2	15.5	5.8	0.0
80°	30.9	19.3	9.7	0.0
77.5°	38.7	23.2	11.6	0.0
75°	46.4	29.0	13.5	0.0
72.5°	52.2	32.9	15.5	0.0
70°	61.9	38.7	17.4	0.0
67.5°	77.3	42.5	19.3	0.0
65°	90.9	46.4	21.3	0.0
62.5°	106.3	50.3	23.2	0.0
60°	119.9	54.1	25.1	0.0
57.5°	133.4	63.8	27.1	0.0
55°	145.0	71.5	29.0	0.0
52.5°	158.6	79.3	30.9	0.0
50°	170.2	87.0	32.9	0.0
47.5°	179.8	94.7	32.9	0.0
45°	187.6	100.5	34.8	0.0
42.5°	193.4	106.3	36.7	0.0
40°	199.2	112.1	38.7	0.0
37.5°	205.0	117.9	38.7	0.0
35°	210.8	123.7	40.6	0.0
32.5°	216.6	129.5	40.6	0.0
30°	220.4	133.4	42.5	0.0
27.5°	226.2	137.3	42.5	0.0
25°	228.2	141.2	44.5	0.0
22.5°	232.0	143.1	44.5	0.0
20°	235.9	147.0	44.5	0.0
17.5°	237.8	148.9	46.4	0.0
15°	237.8	150.8	48.3	0.0
12.5°	239.8	152.8	48.3	0.0
10°	239.8	156.6	46.4	0.0
7.5°	243.6	154.7	46.4	0.0
5°	241.7	154.7	46.4	0.0
2.5°	239.8	152.8	46.4	0.0
0°	237.8	152.8	46.4	0.0
-2.5°	237.8	152.8	46.4	0.0
-5°	237.8	152.8	46.4	0.0
-7.5°	235.9	154.7	46.4	0.0
-10°	232.0	154.7	46.4	0.0
-12.5°	230.1	148.9	46.4	0.0
-15°	228.2	147.0	46.4	0.0
-17.5°	224.3	145.0	44.5	0.0
-20°	220.4	143.1	44.5	0.0



REPORT NUMBER: P722050  
 CATALOG NUMBER: IFLD-S-SA2E-735-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	216.6	139.2	44.5	0.0
-25°	212.7	135.3	42.5	0.0
-27.5°	208.8	131.5	42.5	0.0
-30°	203.0	127.6	40.6	0.0
-32.5°	197.2	123.7	40.6	0.0
-35°	193.4	117.9	38.7	0.0
-37.5°	187.6	112.1	38.7	0.0
-40°	181.8	106.3	36.7	0.0
-42.5°	176.0	100.5	34.8	0.0
-45°	168.2	94.7	34.8	0.0
-47.5°	162.4	88.9	32.9	0.0
-50°	152.8	81.2	30.9	0.0
-52.5°	141.2	73.5	29.0	0.0
-55°	129.5	67.7	27.1	0.0
-57.5°	117.9	59.9	27.1	0.0
-60°	106.3	52.2	25.1	0.0
-62.5°	94.7	48.3	23.2	0.0
-65°	83.1	44.5	21.3	0.0
-67.5°	69.6	38.7	19.3	0.0
-70°	58.0	34.8	17.4	0.0
-72.5°	50.3	30.9	15.5	0.0
-75°	42.5	27.1	13.5	0.0
-77.5°	36.7	23.2	11.6	0.0
-80°	29.0	17.4	7.7	0.0
-82.5°	21.3	13.5	5.8	0.0
-85°	13.5	9.7	3.9	0.0
-87.5°	7.7	3.9	1.9	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)