

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: P721973

Luminaire Tested: **IFLD-S-SA6E-722-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P721973  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA6E-722-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (96) 2200K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

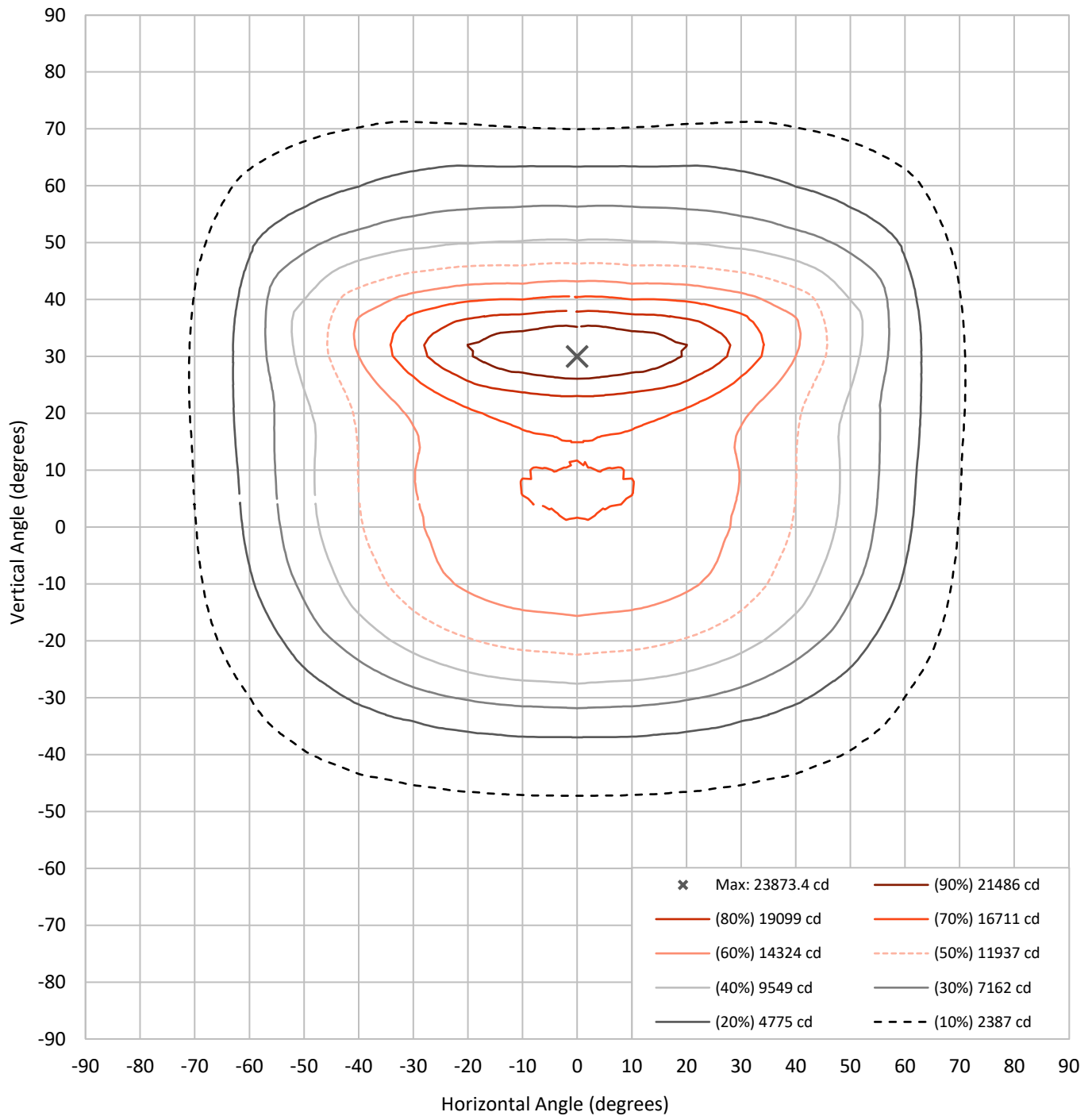
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	39850.7 lumens	Max Intensity:	23873.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	85.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	23173.6 lumens	Field Lumens:	37345.3 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 464.2  
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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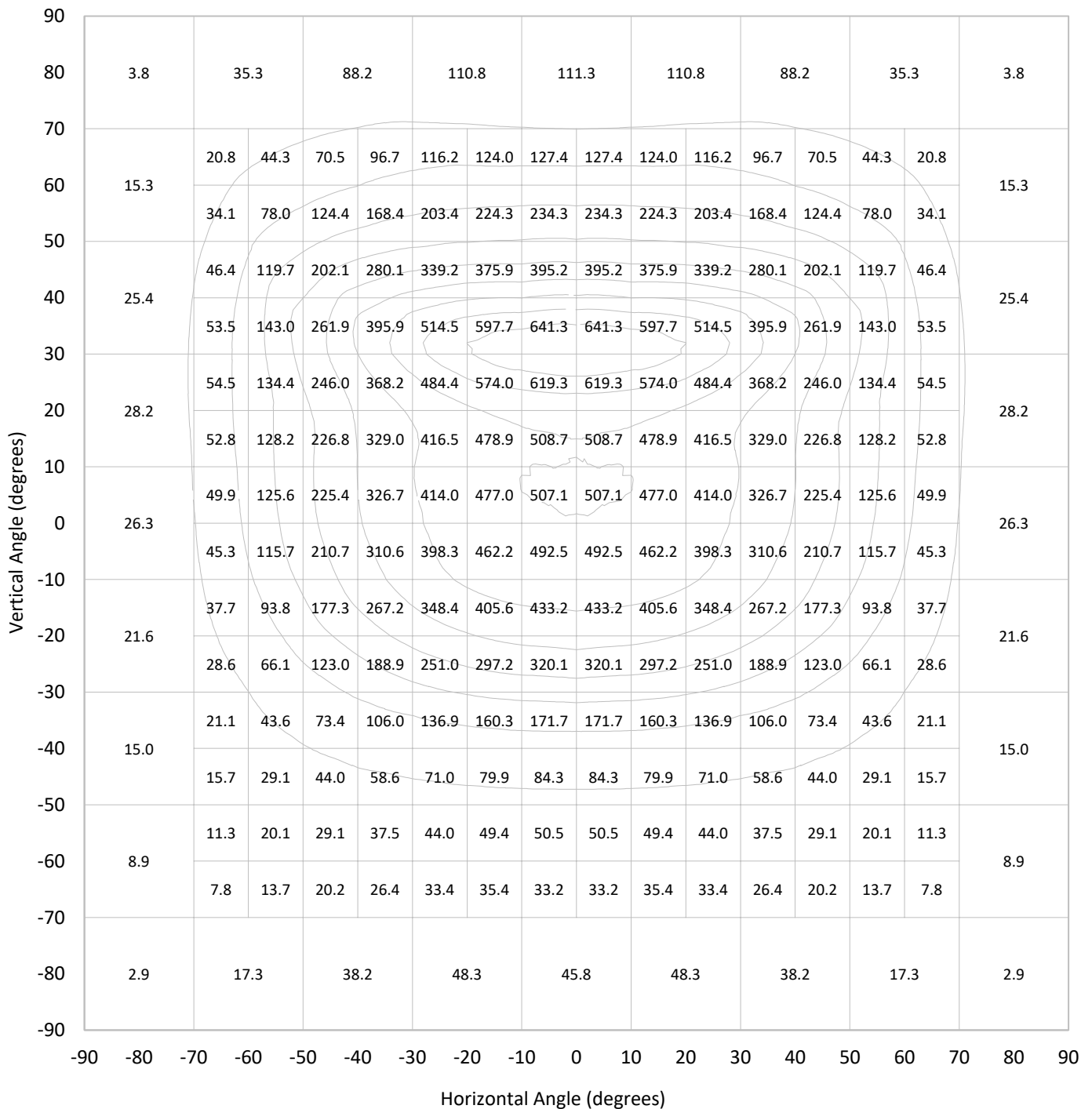
### Iso-Candela Plot





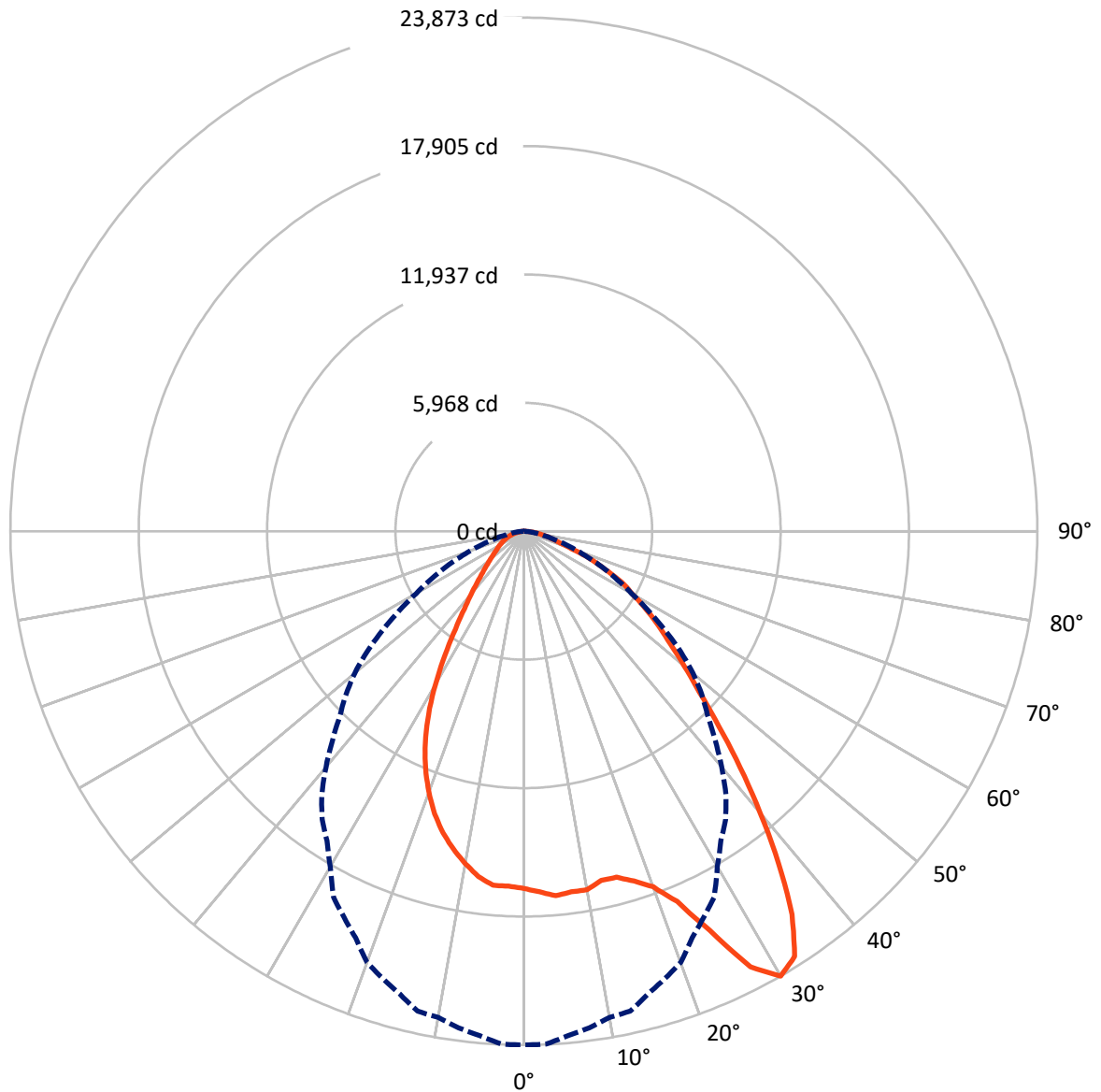
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### Lumen Table



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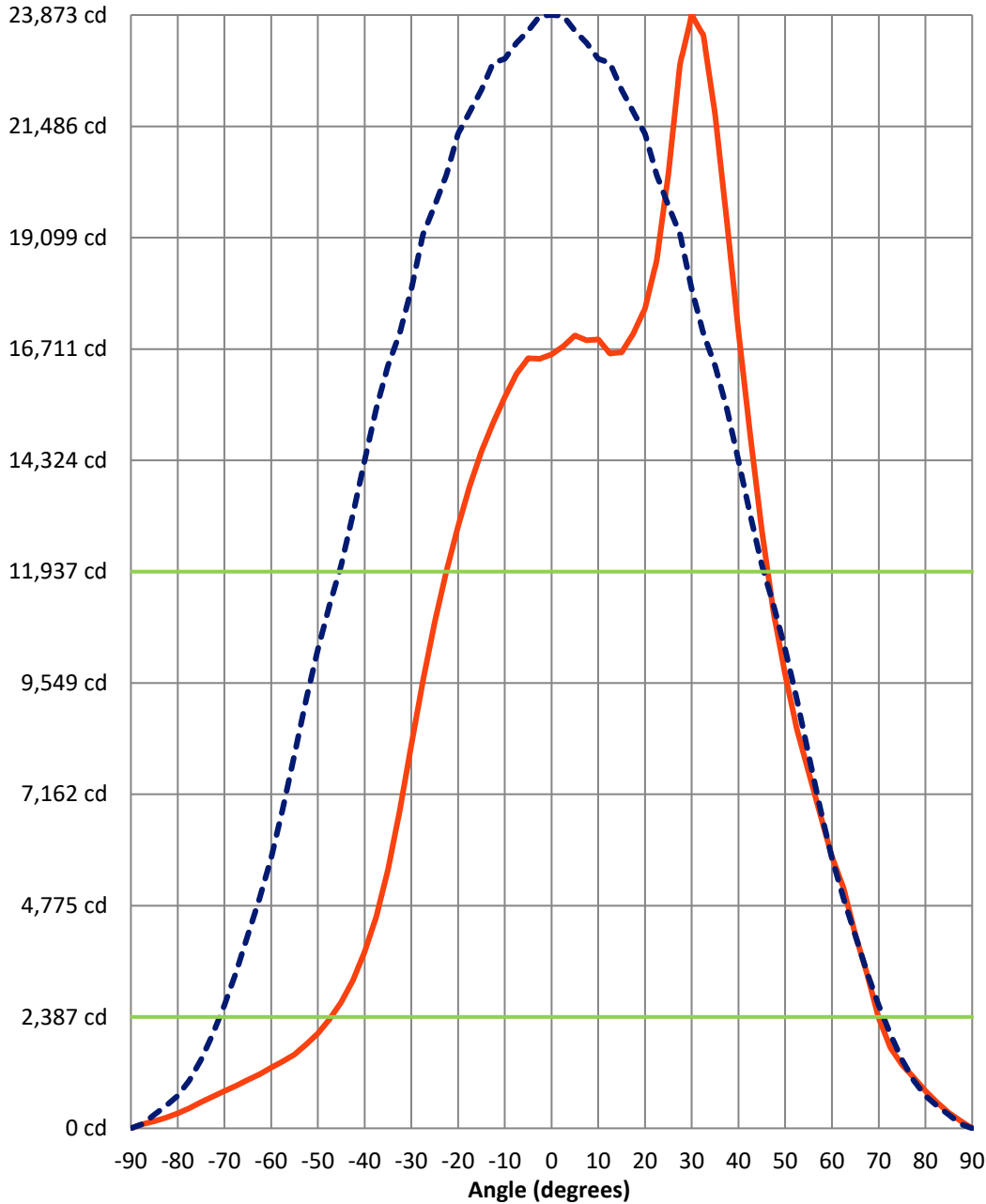
### Luminous Intensity Polar Plot



— 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: 23173.6  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 37345.3  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 2505.4  
 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°	160.4	164.6	168.9	168.9	164.6	164.6	164.6	160.4	164.6	164.6	164.6
85°	333.5	342.0	350.4	346.2	342.0	333.5	325.1	329.3	333.5	337.7	337.7
82.5°	553.0	565.7	574.1	569.9	561.5	553.0	544.6	548.8	557.3	561.5	561.5
80°	802.1	806.3	810.6	819.0	806.3	806.3	802.1	819.0	827.4	835.9	844.3
77.5°	1089.2	1093.4	1093.4	1097.6	1101.8	1106.1	1106.1	1135.6	1156.7	1169.4	1182.1
75°	1359.4	1372.0	1384.7	1397.4	1414.3	1422.7	1435.4	1477.6	1511.3	1536.7	1562.0
72.5°	1730.9	1747.8	1768.9	1798.4	1828.0	1849.1	1878.6	1929.3	1967.3	1992.6	2022.2
70°	2368.3	2385.2	2406.3	2427.4	2457.0	2478.1	2507.7	2571.0	2609.0	2625.9	2642.7
67.5°	3314.0	3356.2	3394.2	3352.0	3330.9	3301.3	3309.8	3368.9	3406.9	3432.2	3428.0
65°	4154.1	4183.6	4183.6	4179.4	4162.5	4124.5	4145.7	4217.4	4259.6	4280.7	4217.4
62.5°	5142.0	5142.0	5120.9	5154.6	5158.8	5133.5	5120.9	5125.1	5129.3	5142.0	5036.4
60°	5825.9	5868.1	5880.8	5910.3	5918.7	5918.7	5939.9	5956.7	5956.7	5931.4	5809.0
57.5°	6729.3	6809.5	6826.4	6805.3	6763.1	6708.2	6699.7	6674.4	6623.8	6573.1	6514.0
55°	7641.2	7683.4	7679.2	7666.5	7624.3	7561.0	7569.4	7535.6	7455.4	7392.1	7311.9
52.5°	8557.3	8658.6	8675.5	8650.1	8591.0	8523.5	8527.7	8489.7	8409.5	8342.0	8232.2
50°	9726.7	9811.1	9802.7	9760.4	9676.0	9625.3	9629.6	9557.8	9464.9	9443.8	9300.3
47.5°	11064.9	11162.0	11145.1	11086.0	10972.1	10950.9	10972.1	10879.2	10824.3	10777.9	10609.0
45°	12821.1	12935.1	12871.8	12757.8	12576.3	12597.4	12626.9	12610.1	12491.8	12369.4	12154.1
42.5°	14881.3	14953.1	14877.1	14763.1	14535.1	14577.3	14560.5	14459.1	14387.4	14184.7	13910.3
40°	17085.0	17241.2	17123.0	16945.7	16709.3	16772.6	16726.2	16595.3	16426.4	16173.1	15826.9
37.5°	19461.8	19584.2	19449.1	19242.3	19031.2	19010.1	18917.2	18714.6	18473.9	18195.3	17642.3
35°	21737.2	22053.9	21804.8	21475.5	21218.0	21120.9	21032.2	20563.6	20289.2	19837.5	19081.8
32.5°	23430.1	23662.3	23354.1	23012.2	22699.8	22564.7	22252.3	21695.0	21547.3	20597.4	19905.1
30°	23873.4	23856.5	23535.7	23273.9	22936.2	22843.3	22269.2	21796.4	21323.5	20445.4	19786.8
27.5°	22818.0	22712.4	22404.3	22176.3	21842.8	21733.0	21167.3	20914.0	20183.7	19440.7	18883.4
25°	20466.5	20521.4	20289.2	20175.2	19955.7	19719.3	19495.6	19153.6	18697.7	18047.5	17536.7
22.5°	18613.2	18685.0	18587.9	18452.8	18283.9	18153.1	17984.2	17718.2	17279.2	16878.1	16396.9
20°	17583.1	17562.0	17477.6	17376.3	17215.9	17123.0	16937.2	16713.5	16375.8	16029.6	15510.3
17.5°	17042.8	16911.9	16831.7	16793.7	16709.3	16591.1	16371.5	16143.6	15881.8	15489.2	15109.3
15°	16641.7	16662.8	16599.5	16570.0	16502.4	16337.8	16114.0	15928.3	15573.6	15375.2	15029.1
12.5°	16616.4	16595.3	16599.5	16586.8	16502.4	16291.3	16177.3	15940.9	15713.0	15451.2	15054.4
10°	16916.1	16692.4	16709.3	16768.4	16633.3	16464.4	16342.0	16084.5	15869.2	15535.7	15143.0
7.5°	16899.2	16785.3	16819.0	16721.9	16764.2	16557.3	16388.4	16130.9	15860.7	15506.1	15151.5
5°	17000.6	16827.5	16797.9	16806.4	16700.8	16544.6	16316.7	16071.8	15818.5	15421.7	15058.6
2.5°	16768.4	16793.7	16658.6	16607.9	16595.3	16333.5	16122.5	15886.0	15624.3	15273.9	14948.8
0°	16595.3	16641.7	16502.4	16430.6	16426.4	16202.7	16067.6	15797.4	15611.6	15320.3	14927.7
-2.5°	16502.4	16557.3	16574.2	16443.3	16316.7	16143.6	15915.6	15624.3	15320.3	14982.6	14644.9
-5°	16510.9	16401.1	16354.7	16396.9	16287.1	16114.0	15860.7	15603.2	15303.5	14940.4	14518.2
-7.5°	16177.3	16067.6	16059.1	16038.0	16012.7	15848.1	15637.0	15358.3	15054.4	14716.7	14324.0
-10°	15679.2	15599.0	15577.9	15556.8	15489.2	15392.1	15193.7	14940.4	14666.0	14328.3	13910.3
-12.5°	15126.2	15088.2	15007.9	14953.1	14885.5	14771.5	14581.6	14349.4	14075.0	13775.2	13416.4
-15°	14514.0	14442.2	14362.0	14315.6	14218.5	14083.4	13893.4	13678.1	13378.4	13082.9	12745.1
-17.5°	13775.2	13686.6	13597.9	13585.3	13517.7	13310.8	13133.5	12871.8	12610.1	12327.2	11997.9
-20°	12905.6	12783.1	12724.0	12690.3	12597.4	12445.4	12255.4	12014.8	11761.5	11491.3	11111.4



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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°	11943.0	11837.5	11736.2	11672.8	11592.6	11474.4	11292.9	11081.8	10832.7	10528.8	10178.4
-25°	10849.6	10701.9	10638.5	10566.8	10524.6	10414.8	10237.5	10043.3	9785.8	9490.3	9156.7
-27.5°	9600.0	9481.8	9448.0	9346.7	9296.1	9182.1	9034.3	8852.8	8616.4	8337.7	8063.3
-30°	8219.5	8147.8	8092.9	7991.6	7953.6	7831.2	7734.1	7582.1	7366.8	7168.4	6948.8
-32.5°	6801.1	6729.3	6712.4	6666.0	6640.6	6560.4	6450.7	6340.9	6167.8	6020.1	5842.8
-35°	5543.0	5492.4	5496.6	5492.4	5467.0	5407.9	5272.8	5243.3	5116.6	4981.5	4867.6
-37.5°	4538.3	4542.5	4538.3	4534.0	4500.3	4474.9	4377.8	4339.9	4263.9	4133.0	4065.4
-40°	3782.6	3791.0	3786.8	3778.4	3740.4	3727.7	3664.4	3613.7	3584.2	3491.3	3419.5
-42.5°	3170.5	3183.1	3178.9	3174.7	3149.3	3145.1	3111.4	3052.2	3035.4	2980.5	2904.5
-45°	2706.1	2701.9	2693.4	2701.9	2689.2	2676.5	2655.4	2617.4	2596.3	2571.0	2507.7
-47.5°	2338.8	2343.0	2334.6	2334.6	2317.7	2305.0	2296.6	2271.2	2254.4	2233.2	2195.3
-50°	2034.8	2051.7	2047.5	2043.3	2030.6	2022.2	2022.2	1996.8	1971.5	1963.1	1937.7
-52.5°	1798.4	1811.1	1815.3	1823.8	1828.0	1832.2	1819.5	1794.2	1752.0	1747.8	1735.1
-55°	1583.1	1621.1	1646.4	1663.3	1680.2	1692.9	1667.5	1633.8	1591.6	1574.7	1570.5
-57.5°	1435.4	1473.4	1502.9	1528.2	1549.3	1570.5	1545.1	1511.3	1473.4	1452.2	1448.0
-60°	1300.3	1334.0	1363.6	1397.4	1426.9	1460.7	1448.0	1422.7	1401.6	1384.7	1367.8
-62.5°	1156.7	1190.5	1224.3	1266.5	1304.5	1338.3	1342.5	1338.3	1334.0	1338.3	1308.7
-65°	1038.5	1055.4	1076.5	1123.0	1165.2	1203.2	1224.3	1236.9	1258.1	1279.2	1249.6
-67.5°	911.9	933.0	958.3	992.1	1025.9	1051.2	1080.7	1114.5	1148.3	1182.1	1161.0
-70°	797.9	814.8	835.9	852.8	873.9	890.8	916.1	954.1	992.1	1025.9	1017.4
-72.5°	679.7	696.6	709.2	717.7	730.3	738.8	751.5	785.2	810.6	827.4	827.4
-75°	561.5	578.4	591.0	595.3	603.7	607.9	616.4	629.0	641.7	645.9	650.1
-77.5°	430.6	447.5	460.2	468.6	477.0	485.5	489.7	498.2	502.4	502.4	506.6
-80°	320.8	333.5	342.0	354.6	358.8	367.3	375.7	379.9	384.2	384.2	388.4
-82.5°	228.0	236.4	244.9	253.3	261.7	266.0	274.4	278.6	282.9	287.1	291.3
-85°	152.0	160.4	168.9	177.3	181.5	185.8	190.0	194.2	198.4	202.6	206.9
-87.5°	88.7	92.9	97.1	105.5	109.8	118.2	122.4	118.2	122.4	122.4	122.4
-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°	164.6	164.6	164.6	164.6	160.4	152.0	147.8	139.3	130.9	122.4	114.0
85°	342.0	346.2	346.2	346.2	337.7	333.5	320.8	308.2	291.3	266.0	244.9
82.5°	569.9	574.1	574.1	569.9	561.5	548.8	531.9	510.8	477.0	443.3	413.7
80°	857.0	861.2	861.2	857.0	835.9	814.8	793.7	768.3	726.1	679.7	629.0
77.5°	1198.9	1207.4	1207.4	1194.7	1165.2	1139.8	1106.1	1063.9	1000.5	933.0	865.4
75°	1595.8	1616.9	1621.1	1608.4	1570.5	1524.0	1469.1	1397.4	1300.3	1215.8	1135.6
72.5°	2055.9	2077.0	2093.9	2077.0	2022.2	1958.8	1878.6	1794.2	1697.1	1583.1	1448.0
70°	2659.6	2680.7	2693.4	2638.5	2541.4	2435.9	2338.8	2241.7	2127.7	1988.4	1840.6
67.5°	3419.5	3398.4	3373.1	3263.3	3140.9	3014.3	2879.2	2735.6	2587.9	2440.1	2267.0
65°	4149.9	4090.8	4035.9	3905.0	3748.8	3584.2	3428.0	3267.6	3090.2	2904.5	2739.8
62.5°	4918.2	4791.6	4656.5	4496.1	4335.6	4154.1	3997.9	3807.9	3609.5	3381.5	3170.5
60°	5673.9	5521.9	5386.8	5188.4	4977.3	4732.5	4563.6	4377.8	4145.7	3900.8	3651.7
57.5°	6404.2	6239.6	6091.8	5918.7	5690.8	5424.8	5239.1	4998.4	4753.6	4445.4	4192.1
55°	7181.0	7016.4	6898.2	6704.0	6454.9	6210.0	6007.4	5754.1	5412.1	5082.9	4770.5
52.5°	8071.8	7940.9	7814.3	7615.8	7316.1	7067.0	6843.3	6560.4	6201.6	5796.3	5420.6
50°	9068.1	9000.5	8865.5	8633.3	8291.3	8071.8	7776.3	7400.5	7016.4	6590.0	6121.4
47.5°	10389.5	10279.7	10089.7	9836.4	9549.4	9220.1	8823.2	8384.2	7839.6	7366.8	6868.6
45°	11968.4	11765.7	11520.9	11178.9	10824.3	10452.8	10018.0	9460.7	8730.4	8114.0	7590.5
42.5°	13678.1	13403.7	13070.2	12622.7	12162.6	11706.6	11238.0	10478.1	9566.2	8857.0	8266.0
40°	15463.9	15113.5	14695.5	14045.4	13534.6	12947.8	12411.6	11276.0	10305.0	9536.7	8907.7
37.5°	17211.6	16768.4	16067.6	15278.1	14682.9	14201.6	13023.8	11807.9	10938.3	10094.0	9456.5
35°	18549.9	18174.2	16937.2	16118.2	15607.4	14847.5	13374.2	12128.8	11208.5	10507.7	9515.6
32.5°	19343.6	18372.6	17287.6	16460.2	16038.0	14792.6	13399.5	12221.7	11335.1	10549.9	9363.6
30°	19166.3	17992.6	17042.8	16350.4	15434.3	14315.6	13163.1	12078.1	11216.9	10267.0	9194.7
27.5°	18098.2	17190.5	16342.0	15620.1	14720.9	13716.1	12652.3	11698.2	10896.1	9975.7	8962.6
25°	16890.8	16067.6	15438.6	14809.5	13956.8	12998.4	12061.2	11373.1	10566.8	9659.1	8658.6
22.5°	15780.5	15189.5	14695.5	14037.0	13205.3	12369.4	11786.8	11073.4	10245.9	9325.6	8346.2
20°	15071.3	14670.2	14104.5	13378.4	12724.0	12200.6	11554.6	10799.0	9946.2	8983.7	8080.2
17.5°	14729.3	14264.9	13635.9	13163.1	12660.7	12086.6	11364.7	10562.6	9654.9	8827.5	8109.8
15°	14552.0	14062.3	13648.6	13184.2	12618.5	12014.8	11212.7	10381.0	9654.9	8890.8	8130.9
12.5°	14590.0	14167.8	13716.1	13209.5	12601.6	11955.7	11229.6	10457.0	9705.6	8937.2	8135.1
10°	14708.2	14264.9	13783.7	13222.2	12610.1	11972.6	11276.0	10503.5	9730.9	8958.3	8126.7
7.5°	14750.4	14269.2	13754.1	13188.4	12588.9	11964.1	11284.5	10516.1	9735.1	8954.1	8101.3
5°	14619.6	14184.7	13686.6	13116.6	12529.8	11921.9	11250.7	10499.2	9701.3	8911.9	8038.0
2.5°	14442.2	14091.8	13614.8	13066.0	12470.7	11862.8	11195.8	10423.2	9625.3	8835.9	7957.8
0°	14412.7	13977.9	13496.6	13006.9	12373.6	11732.0	11069.2	10279.7	9486.0	8692.4	7818.5
-2.5°	14218.5	13758.3	13277.1	12745.1	12187.9	11542.0	10845.4	10072.8	9287.6	8506.6	7666.5
-5°	14070.7	13559.9	13049.1	12475.0	11913.5	11267.6	10545.7	9794.2	9025.9	8266.0	7455.4
-7.5°	13872.3	13348.8	12812.7	12213.2	11605.3	10946.7	10233.3	9481.8	8726.1	7970.5	7193.7
-10°	13471.3	13011.1	12508.7	11888.2	11246.5	10587.9	9878.6	9139.9	8384.2	7620.1	6839.1
-12.5°	12985.8	12500.3	11951.5	11381.6	10807.4	10195.3	9486.0	8759.9	8000.0	7231.7	6454.9
-15°	12356.8	11879.7	11318.2	10761.0	10207.9	9621.1	8996.3	8342.0	7569.4	6813.7	6037.0
-17.5°	11571.5	11124.0	10621.7	10089.7	9540.9	8949.9	8342.0	7788.9	7067.0	6357.8	5589.5
-20°	10727.2	10309.3	9857.5	9355.2	8806.4	8228.0	7653.8	7075.5	6450.7	5825.9	5112.4



REPORT NUMBER: P721973  
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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°	9849.1	9426.9	8971.0	8502.4	7995.8	7459.6	6927.7	6374.7	5825.9	5260.2	4656.5
-25°	8835.9	8464.4	8046.5	7590.5	7138.8	6670.2	6163.6	5661.2	5192.6	4702.9	4209.0
-27.5°	7776.3	7434.3	7054.4	6657.5	6269.1	5876.5	5437.5	4973.1	4584.7	4179.4	3769.9
-30°	6661.8	6387.3	6079.2	5733.0	5433.3	5116.6	4749.4	4365.2	4010.6	3702.4	3373.1
-32.5°	5606.3	5374.2	5154.6	4926.7	4631.1	4386.3	4133.0	3850.1	3537.7	3246.4	3010.0
-35°	4698.7	4449.6	4356.7	4187.9	3976.8	3761.5	3575.7	3373.1	3136.7	2879.2	2685.0
-37.5°	3934.6	3786.8	3655.9	3563.1	3423.8	3250.7	3102.9	2955.2	2773.6	2579.4	2385.2
-40°	3339.3	3238.0	3094.5	3048.0	2959.4	2841.2	2689.2	2575.2	2452.8	2305.0	2140.4
-42.5°	2862.3	2786.3	2693.4	2613.2	2575.2	2490.8	2372.6	2262.8	2165.7	2064.4	1937.7
-45°	2469.7	2419.0	2359.9	2288.1	2258.6	2191.0	2106.6	1984.2	1929.3	1844.9	1752.0
-47.5°	2153.0	2127.7	2085.5	2039.1	1996.8	1946.2	1870.2	1794.2	1718.2	1663.3	1591.6
-50°	1904.0	1887.1	1861.7	1823.8	1768.9	1735.1	1684.4	1616.9	1545.1	1498.7	1448.0
-52.5°	1705.5	1688.7	1671.8	1642.2	1600.0	1566.2	1524.0	1469.1	1410.0	1363.6	1321.4
-55°	1553.6	1528.2	1515.6	1490.2	1456.5	1418.5	1380.5	1342.5	1291.8	1249.6	1207.4
-57.5°	1435.4	1401.6	1384.7	1363.6	1329.8	1291.8	1262.3	1224.3	1190.5	1144.1	1106.1
-60°	1342.5	1304.5	1270.7	1249.6	1220.1	1182.1	1152.5	1123.0	1089.2	1051.2	1004.8
-62.5°	1266.5	1220.1	1173.6	1148.3	1118.7	1085.0	1055.4	1025.9	992.1	954.1	911.9
-65°	1194.7	1139.8	1080.7	1055.4	1025.9	992.1	954.1	933.0	903.4	869.7	827.4
-67.5°	1106.1	1047.0	996.3	966.8	937.2	907.7	873.9	852.8	823.2	781.0	738.8
-70°	975.2	937.2	903.4	878.1	852.8	827.4	793.7	759.9	726.1	688.1	650.1
-72.5°	810.6	797.9	793.7	781.0	751.5	721.9	688.1	654.4	624.8	595.3	565.7
-75°	654.4	662.8	671.2	667.0	637.5	607.9	578.4	548.8	527.7	502.4	477.0
-77.5°	519.3	527.7	536.1	536.1	515.0	498.2	477.0	455.9	439.1	417.9	392.6
-80°	401.1	413.7	426.4	434.8	417.9	405.3	388.4	371.5	354.6	337.7	320.8
-82.5°	304.0	316.6	329.3	337.7	325.1	316.6	304.0	291.3	278.6	261.7	249.1
-85°	219.5	228.0	236.4	240.6	232.2	223.7	215.3	206.9	198.4	185.8	177.3
-87.5°	126.6	130.9	135.1	139.3	130.9	122.4	118.2	109.8	105.5	97.1	92.9
-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):**

	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°	105.5	97.1	88.7	84.4	76.0	63.3	54.9	46.4	38.0	29.6	25.3
85°	223.7	202.6	177.3	164.6	147.8	130.9	114.0	97.1	80.2	63.3	46.4
82.5°	384.2	358.8	333.5	304.0	266.0	219.5	173.1	143.5	118.2	92.9	71.8
80°	578.4	531.9	489.7	451.7	409.5	350.4	287.1	228.0	160.4	122.4	92.9
77.5°	802.1	747.2	688.1	624.8	557.3	477.0	405.3	329.3	249.1	168.9	118.2
75°	1055.4	983.6	903.4	814.8	726.1	620.6	519.3	430.6	337.7	236.4	143.5
72.5°	1338.3	1249.6	1152.5	1034.3	895.0	772.6	650.1	531.9	422.2	299.7	194.2
70°	1701.3	1562.0	1418.5	1291.8	1114.5	920.3	776.8	641.7	502.4	367.3	244.9
67.5°	2089.7	1920.8	1747.8	1562.0	1338.3	1110.3	903.4	751.5	586.8	430.6	291.3
65°	2511.9	2300.8	2081.3	1874.4	1566.2	1296.0	1063.9	857.0	667.0	489.7	337.7
62.5°	2946.7	2697.6	2444.3	2174.1	1819.5	1486.0	1215.8	975.2	743.0	544.6	379.9
60°	3411.1	3119.8	2811.6	2473.9	2060.2	1692.9	1359.4	1097.6	823.2	599.5	426.4
57.5°	3900.8	3584.2	3221.1	2765.2	2309.2	1891.3	1524.0	1207.4	895.0	650.1	460.2
55°	4432.7	4069.7	3672.8	3069.1	2554.1	2089.7	1688.7	1317.2	971.0	692.3	493.9
52.5°	5006.9	4584.7	4082.3	3390.0	2811.6	2292.4	1840.6	1414.3	1042.7	738.8	523.5
50°	5648.6	5116.6	4441.2	3685.5	3035.4	2482.3	1992.6	1519.8	1101.8	789.4	548.8
47.5°	6315.6	5741.4	4762.0	3959.9	3263.3	2668.1	2148.8	1612.7	1161.0	831.7	574.1
45°	7012.2	6176.3	5095.5	4204.8	3461.7	2836.9	2267.0	1697.1	1232.7	869.7	595.3
42.5°	7700.3	6505.6	5386.8	4449.6	3647.5	2988.9	2364.1	1777.3	1291.8	907.7	616.4
40°	8025.3	6754.6	5619.0	4618.5	3803.7	3124.0	2448.6	1849.1	1342.5	933.0	637.5
37.5°	8160.4	6906.6	5771.0	4778.9	3926.1	3195.8	2520.3	1912.4	1384.7	958.3	654.4
35°	8190.0	6961.5	5847.0	4888.7	4027.4	3263.3	2575.2	1958.8	1418.5	983.6	671.2
32.5°	8135.1	6944.6	5868.1	4926.7	4090.8	3314.0	2613.2	1992.6	1443.8	1009.0	688.1
30°	8012.7	6856.0	5792.1	4922.4	4137.2	3343.5	2638.5	2017.9	1469.1	1025.9	696.6
27.5°	7814.3	6699.7	5695.0	4926.7	4162.5	3356.2	2651.2	2030.6	1486.0	1038.5	713.5
25°	7569.4	6488.7	5699.2	4918.2	4166.8	3360.4	2651.2	2030.6	1490.2	1042.7	726.1
22.5°	7286.6	6488.7	5699.2	4905.6	4141.4	3352.0	2638.5	2022.2	1490.2	1051.2	738.8
20°	7303.4	6492.9	5686.6	4880.2	4103.4	3326.7	2609.0	2001.1	1477.6	1063.9	747.2
17.5°	7316.1	6484.4	5661.2	4846.4	4052.8	3284.4	2571.0	1971.5	1477.6	1076.5	751.5
15°	7316.1	6459.1	5623.2	4795.8	3989.5	3225.3	2516.1	1946.2	1481.8	1080.7	759.9
12.5°	7303.4	6412.7	5564.1	4728.2	3913.5	3153.6	2482.3	1937.7	1481.8	1085.0	759.9
10°	7278.1	6349.4	5488.1	4643.8	3841.7	3128.2	2465.4	1920.8	1473.4	1085.0	759.9
7.5°	7231.7	6273.4	5424.8	4593.1	3799.5	3098.7	2440.1	1895.5	1460.7	1076.5	768.3
5°	7159.9	6231.1	5374.2	4534.0	3740.4	3077.6	2423.2	1874.4	1452.2	1076.5	759.9
2.5°	7067.0	6180.5	5315.1	4458.1	3672.8	3005.8	2368.3	1828.0	1422.7	1059.6	751.5
0°	6915.1	6079.2	5213.7	4352.5	3580.0	2934.0	2313.5	1781.5	1393.1	1042.7	743.0
-2.5°	6775.7	5944.1	5082.9	4242.8	3491.3	2870.7	2271.2	1756.2	1380.5	1038.5	738.8
-5°	6581.5	5758.3	4909.8	4099.2	3373.1	2807.4	2229.0	1726.7	1367.8	1030.1	738.8
-7.5°	6366.2	5564.1	4728.2	3951.5	3254.9	2697.6	2148.8	1680.2	1338.3	1013.2	734.6
-10°	6032.7	5272.8	4500.3	3782.6	3128.2	2600.5	2081.3	1638.0	1312.9	996.3	717.7
-12.5°	5678.1	4952.0	4238.5	3575.7	2984.7	2499.2	2005.3	1591.6	1283.4	979.4	709.2
-15°	5302.4	4622.7	3964.1	3360.4	2828.5	2376.8	1925.1	1540.9	1253.8	958.3	696.6
-17.5°	4909.8	4276.5	3681.3	3140.9	2672.3	2250.1	1840.6	1494.5	1220.1	937.2	683.9
-20°	4496.1	3921.9	3394.2	2917.2	2507.7	2123.5	1752.0	1439.6	1182.1	911.9	667.0



REPORT NUMBER: P721973  
 CATALOG NUMBER: IFLD-S-SA6E-722-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	4086.6	3571.5	3098.7	2697.6	2338.8	1992.6	1663.3	1384.7	1139.8	882.3	654.4
-25°	3723.5	3242.2	2836.9	2486.5	2174.1	1866.0	1570.5	1329.8	1093.4	852.8	637.5
-27.5°	3368.9	2959.4	2579.4	2288.1	2013.7	1743.5	1481.8	1270.7	1047.0	819.0	620.6
-30°	3039.6	2689.2	2376.8	2093.9	1861.7	1633.8	1405.8	1211.6	996.3	785.2	599.5
-32.5°	2739.8	2457.0	2195.3	1925.1	1718.2	1524.0	1334.0	1152.5	945.6	751.5	578.4
-35°	2461.2	2241.7	2013.7	1785.8	1574.7	1422.7	1258.1	1089.2	899.2	713.5	557.3
-37.5°	2212.1	2034.8	1853.3	1659.1	1477.6	1325.6	1186.3	1025.9	852.8	679.7	536.1
-40°	1996.8	1853.3	1692.9	1536.7	1384.7	1241.2	1114.5	962.5	806.3	654.4	515.0
-42.5°	1798.4	1688.7	1557.8	1426.9	1291.8	1165.2	1042.7	895.0	759.9	624.8	493.9
-45°	1646.4	1536.7	1431.1	1312.9	1198.9	1089.2	966.8	835.9	717.7	591.0	472.8
-47.5°	1502.9	1405.8	1308.7	1211.6	1118.7	1017.4	895.0	785.2	671.2	561.5	455.9
-50°	1376.3	1283.4	1198.9	1114.5	1034.3	937.2	823.2	734.6	633.2	531.9	434.8
-52.5°	1258.1	1177.8	1093.4	1025.9	958.3	861.2	768.3	683.9	595.3	498.2	413.7
-55°	1152.5	1076.5	1000.5	937.2	873.9	789.4	713.5	641.7	557.3	472.8	392.6
-57.5°	1051.2	987.9	916.1	857.0	793.7	726.1	662.8	595.3	519.3	447.5	371.5
-60°	958.3	899.2	835.9	776.8	721.9	667.0	607.9	553.0	485.5	417.9	350.4
-62.5°	865.4	814.8	759.9	700.8	658.6	607.9	561.5	506.6	451.7	392.6	312.4
-65°	781.0	734.6	683.9	633.2	595.3	557.3	515.0	464.4	417.9	363.1	278.6
-67.5°	696.6	654.4	612.1	569.9	536.1	506.6	464.4	426.4	388.4	329.3	244.9
-70°	616.4	582.6	544.6	510.8	485.5	451.7	422.2	388.4	354.6	287.1	206.9
-72.5°	540.4	506.6	477.0	451.7	430.6	401.1	375.7	350.4	304.0	240.6	173.1
-75°	451.7	430.6	413.7	392.6	371.5	350.4	329.3	299.7	253.3	194.2	135.1
-77.5°	371.5	358.8	346.2	329.3	312.4	295.5	270.2	240.6	202.6	152.0	109.8
-80°	304.0	291.3	282.9	266.0	253.3	236.4	211.1	185.8	147.8	118.2	88.7
-82.5°	232.2	223.7	215.3	206.9	194.2	177.3	152.0	130.9	109.8	88.7	67.5
-85°	164.6	160.4	152.0	143.5	130.9	118.2	101.3	88.7	76.0	59.1	46.4
-87.5°	84.4	80.2	76.0	71.8	67.5	59.1	50.7	42.2	38.0	29.6	21.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P721973  
 CATALOG NUMBER: IFLD-S-SA6E-722-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	16.9	12.7	4.2	0.0
85°	33.8	21.1	8.4	0.0
82.5°	50.7	33.8	12.7	0.0
80°	67.5	42.2	21.1	0.0
77.5°	84.4	50.7	25.3	0.0
75°	101.3	63.3	29.6	0.0
72.5°	114.0	71.8	33.8	0.0
70°	135.1	84.4	38.0	0.0
67.5°	168.9	92.9	42.2	0.0
65°	198.4	101.3	46.4	0.0
62.5°	232.2	109.8	50.7	0.0
60°	261.7	118.2	54.9	0.0
57.5°	291.3	139.3	59.1	0.0
55°	316.6	156.2	63.3	0.0
52.5°	346.2	173.1	67.5	0.0
50°	371.5	190.0	71.8	0.0
47.5°	392.6	206.9	71.8	0.0
45°	409.5	219.5	76.0	0.0
42.5°	422.2	232.2	80.2	0.0
40°	434.8	244.9	84.4	0.0
37.5°	447.5	257.5	84.4	0.0
35°	460.2	270.2	88.7	0.0
32.5°	472.8	282.9	88.7	0.0
30°	481.3	291.3	92.9	0.0
27.5°	493.9	299.7	92.9	0.0
25°	498.2	308.2	97.1	0.0
22.5°	506.6	312.4	97.1	0.0
20°	515.0	320.8	97.1	0.0
17.5°	519.3	325.1	101.3	0.0
15°	519.3	329.3	105.5	0.0
12.5°	523.5	333.5	105.5	0.0
10°	523.5	342.0	101.3	0.0
7.5°	531.9	337.7	101.3	0.0
5°	527.7	337.7	101.3	0.0
2.5°	523.5	333.5	101.3	0.0
0°	519.3	333.5	101.3	0.0
-2.5°	519.3	333.5	101.3	0.0
-5°	519.3	333.5	101.3	0.0
-7.5°	515.0	337.7	101.3	0.0
-10°	506.6	337.7	101.3	0.0
-12.5°	502.4	325.1	101.3	0.0
-15°	498.2	320.8	101.3	0.0
-17.5°	489.7	316.6	97.1	0.0
-20°	481.3	312.4	97.1	0.0



REPORT NUMBER: P721973  
 CATALOG NUMBER: IFLD-S-SA6E-722-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	472.8	304.0	97.1	0.0
-25°	464.4	295.5	92.9	0.0
-27.5°	455.9	287.1	92.9	0.0
-30°	443.3	278.6	88.7	0.0
-32.5°	430.6	270.2	88.7	0.0
-35°	422.2	257.5	84.4	0.0
-37.5°	409.5	244.9	84.4	0.0
-40°	396.8	232.2	80.2	0.0
-42.5°	384.2	219.5	76.0	0.0
-45°	367.3	206.9	76.0	0.0
-47.5°	354.6	194.2	71.8	0.0
-50°	333.5	177.3	67.5	0.0
-52.5°	308.2	160.4	63.3	0.0
-55°	282.9	147.8	59.1	0.0
-57.5°	257.5	130.9	59.1	0.0
-60°	232.2	114.0	54.9	0.0
-62.5°	206.9	105.5	50.7	0.0
-65°	181.5	97.1	46.4	0.0
-67.5°	152.0	84.4	42.2	0.0
-70°	126.6	76.0	38.0	0.0
-72.5°	109.8	67.5	33.8	0.0
-75°	92.9	59.1	29.6	0.0
-77.5°	80.2	50.7	25.3	0.0
-80°	63.3	38.0	16.9	0.0
-82.5°	46.4	29.6	12.7	0.0
-85°	29.6	21.1	8.4	0.0
-87.5°	16.9	8.4	4.2	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)