

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: P722015

Luminaire Tested: **IFLD-L-SA8C-727-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722015  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA8C-727-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (128) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

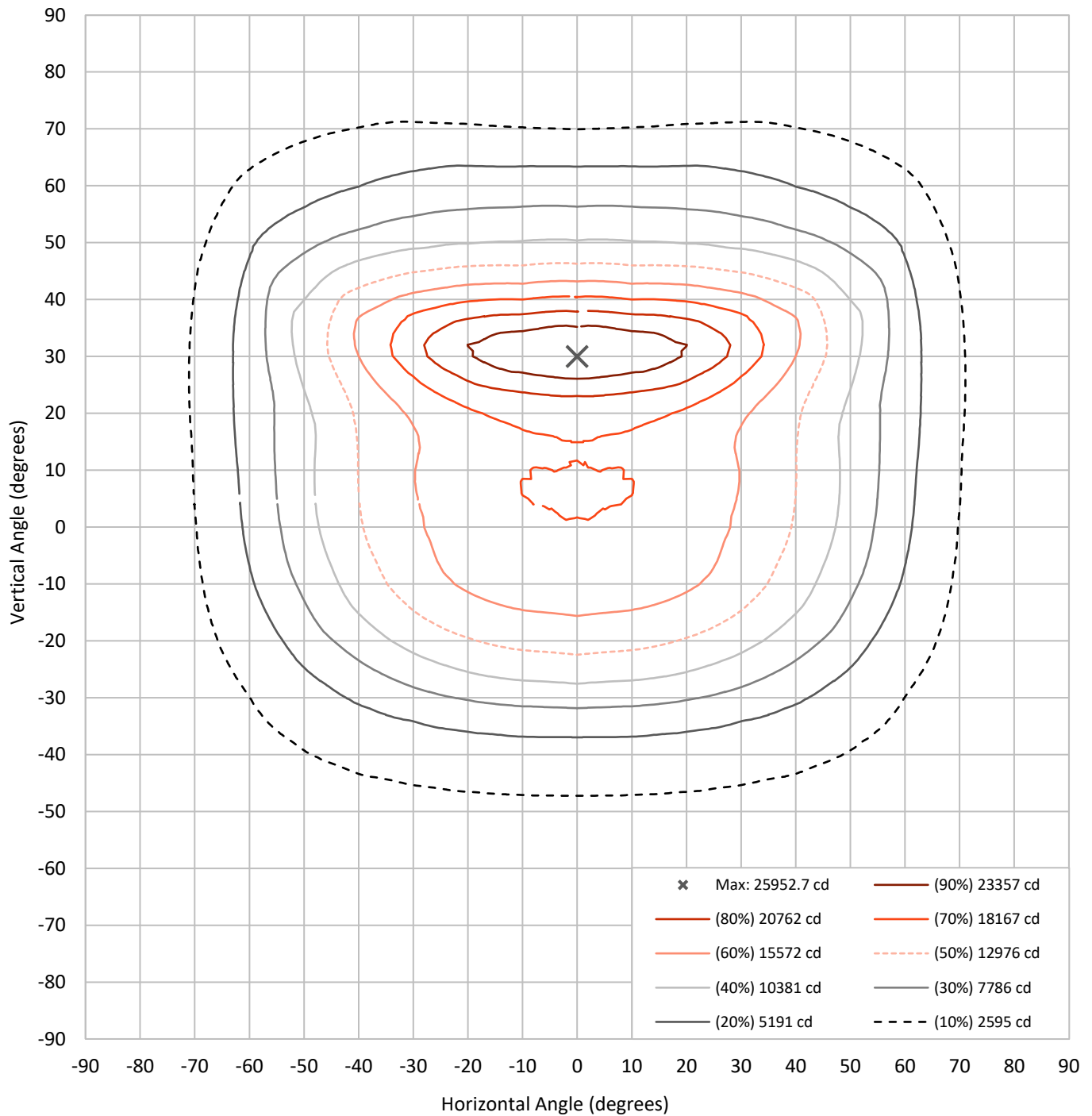
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	43321.5 lumens	Max Intensity:	25952.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	103.1 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	25192 lumens	Field Lumens:	40597.8 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 420.3  
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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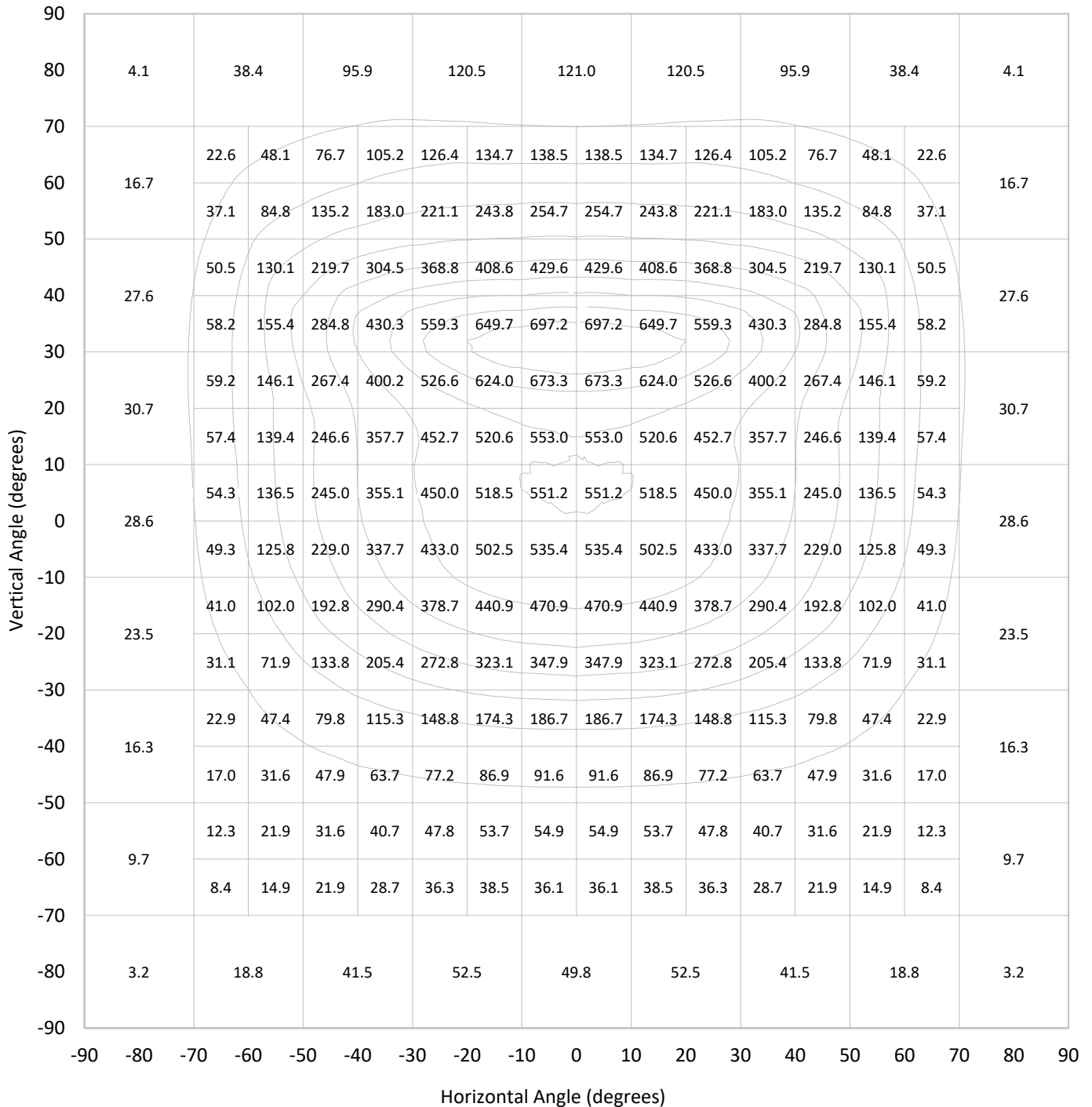
### Iso-Candela Plot





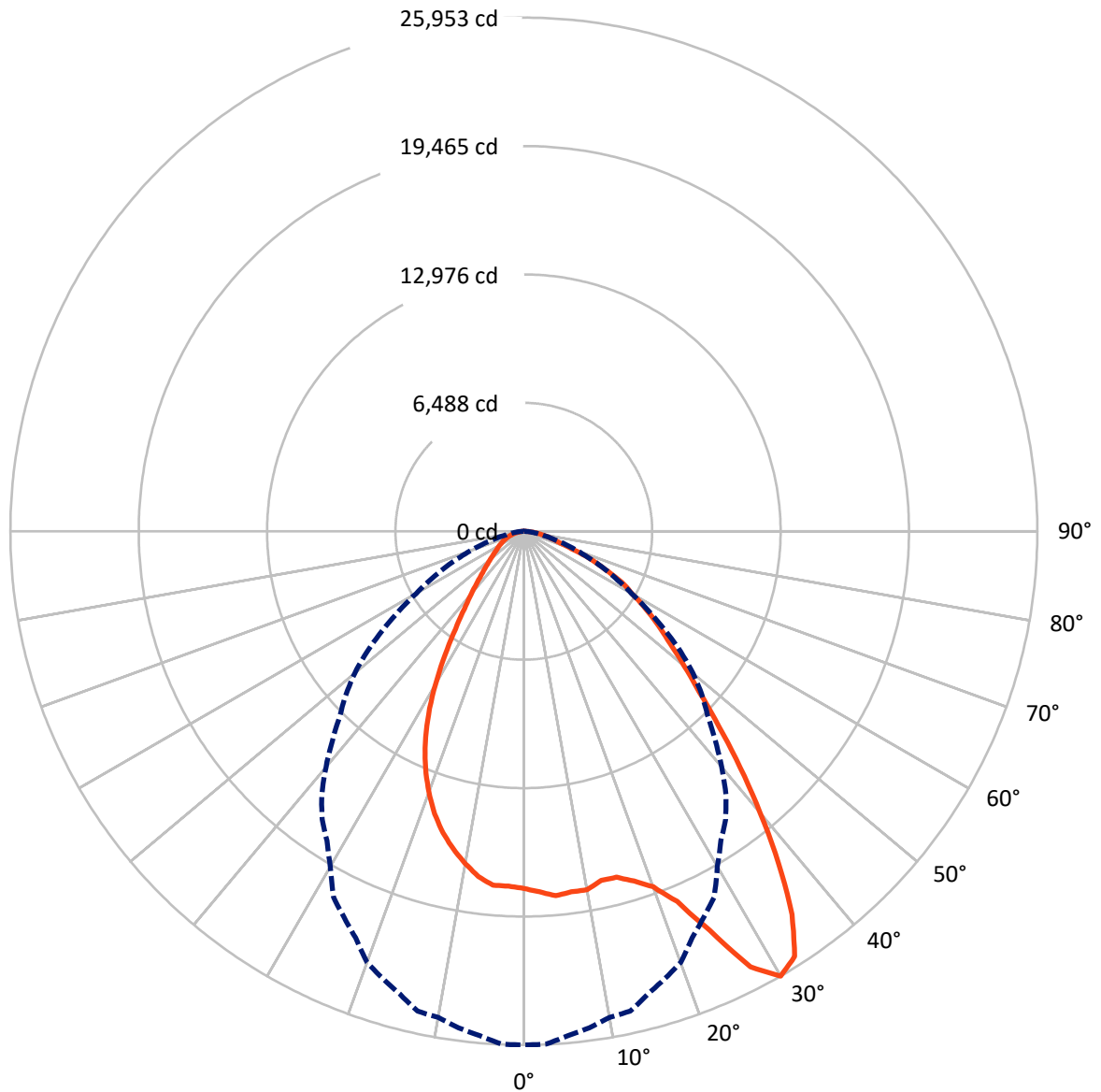
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### Lumen Table



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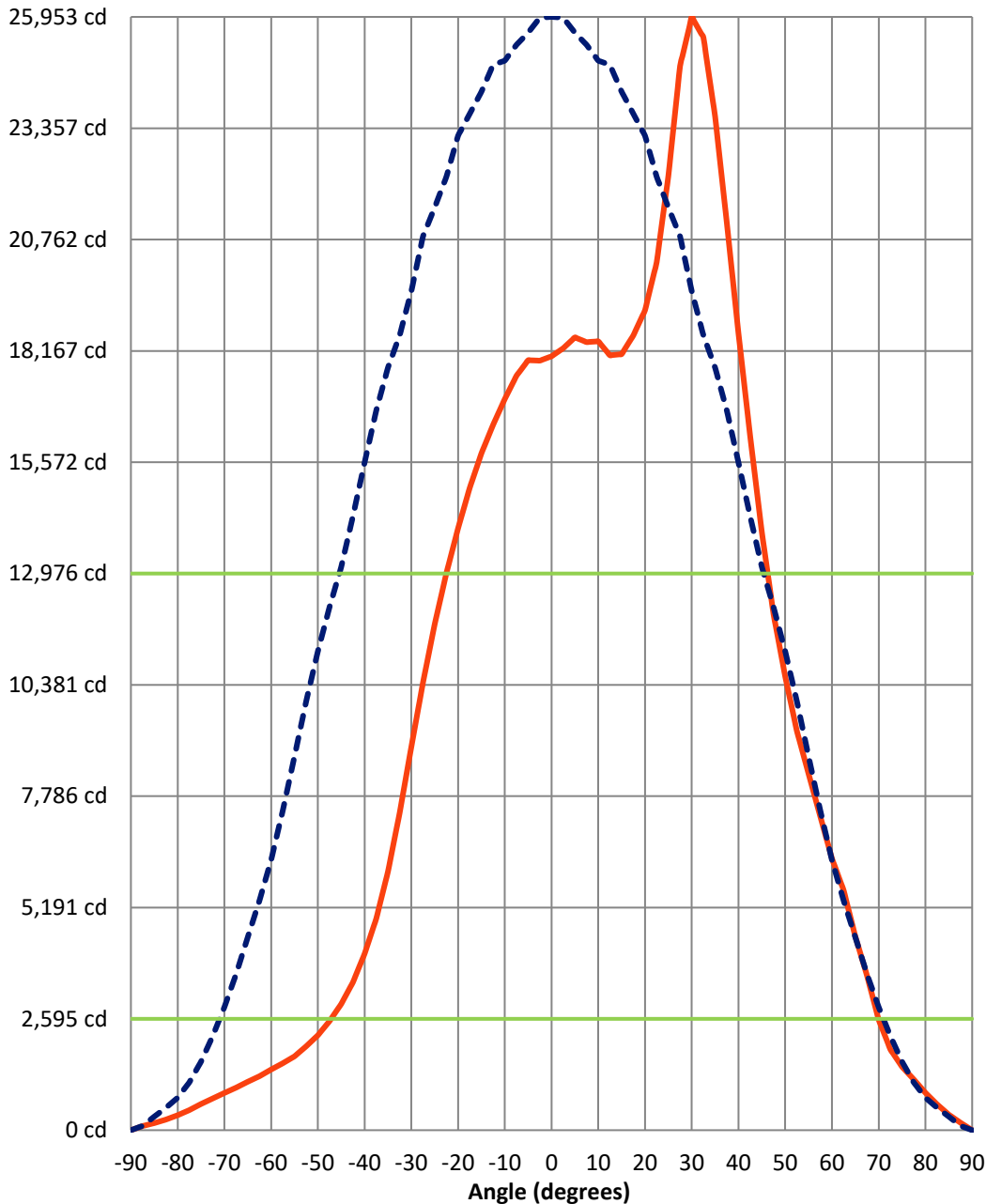
### Luminous Intensity Polar Plot



— 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: 25192  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 40597.8  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 2723.6  
 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°	174.4	179.0	183.6	183.6	179.0	179.0	179.0	174.4	179.0	179.0	179.0
85°	362.6	371.7	380.9	376.3	371.7	362.6	353.4	358.0	362.6	367.1	367.1
82.5°	601.2	615.0	624.1	619.6	610.4	601.2	592.0	596.6	605.8	610.4	610.4
80°	872.0	876.6	881.2	890.3	876.6	876.6	872.0	890.3	899.5	908.7	917.9
77.5°	1184.0	1188.6	1188.6	1193.2	1197.8	1202.4	1202.4	1234.5	1257.5	1271.2	1285.0
75°	1477.8	1491.5	1505.3	1519.1	1537.4	1546.6	1560.4	1606.3	1643.0	1670.5	1698.1
72.5°	1881.6	1900.0	1922.9	1955.1	1987.2	2010.1	2042.3	2097.3	2138.6	2166.2	2198.3
70°	2574.6	2593.0	2615.9	2638.9	2671.0	2693.9	2726.1	2794.9	2836.2	2854.6	2872.9
67.5°	3602.6	3648.5	3689.8	3643.9	3621.0	3588.9	3598.0	3662.3	3703.6	3731.1	3726.5
65°	4515.9	4548.0	4548.0	4543.4	4525.1	4483.8	4506.7	4584.7	4630.6	4653.6	4584.7
62.5°	5589.8	5589.8	5566.9	5603.6	5608.2	5580.6	5566.9	5571.4	5576.0	5589.8	5475.1
60°	6333.3	6379.2	6392.9	6425.1	6434.2	6434.2	6457.2	6475.5	6475.5	6448.0	6314.9
57.5°	7315.4	7402.6	7420.9	7398.0	7352.1	7292.4	7283.3	7255.7	7200.7	7145.6	7081.3
55°	8306.7	8352.6	8348.0	8334.2	8288.3	8219.5	8228.7	8192.0	8104.8	8035.9	7948.7
52.5°	9302.6	9412.7	9431.1	9403.5	9339.3	9265.9	9270.4	9229.1	9141.9	9068.5	8949.2
50°	10573.8	10665.6	10656.4	10610.5	10518.7	10463.7	10468.3	10390.2	10289.3	10266.3	10110.3
47.5°	12028.6	12134.2	12115.8	12051.6	11927.7	11904.7	11927.7	11826.7	11767.0	11716.6	11533.0
45°	13937.8	14061.7	13992.9	13869.0	13671.6	13694.6	13726.7	13708.3	13579.8	13446.7	13212.7
42.5°	16177.4	16255.4	16172.8	16048.9	15801.1	15847.0	15828.6	15718.4	15640.4	15420.1	15121.8
40°	18573.0	18742.8	18614.3	18421.6	18164.6	18233.4	18182.9	18040.7	17857.1	17581.7	17205.4
37.5°	21156.8	21289.9	21143.0	20918.2	20688.7	20665.7	20564.8	20344.5	20082.9	19780.0	19178.8
35°	23630.5	23974.7	23703.9	23345.9	23066.0	22960.4	22864.0	22354.6	22056.3	21565.3	20743.8
32.5°	25470.8	25723.2	25388.2	25016.4	24676.8	24530.0	24190.4	23584.6	23423.9	22391.3	21638.7
30°	25952.7	25934.3	25585.5	25301.0	24933.8	24832.9	24208.7	23694.7	23180.7	22226.1	21510.2
27.5°	24805.3	24690.6	24355.6	24107.7	23745.2	23625.9	23010.9	22735.5	21941.6	21133.9	20528.1
25°	22249.1	22308.7	22056.3	21932.4	21693.8	21436.8	21193.5	20821.8	20326.1	19619.4	19064.1
22.5°	20234.3	20312.4	20206.8	20060.0	19876.4	19734.1	19550.5	19261.4	18784.1	18348.1	17825.0
20°	19114.6	19091.6	18999.8	18889.7	18715.3	18614.3	18412.4	18169.2	17802.0	17425.7	16861.2
17.5°	18527.1	18384.8	18297.7	18256.3	18164.6	18036.1	17797.4	17549.6	17265.1	16838.2	16425.2
15°	18091.1	18114.1	18045.2	18013.1	17939.7	17760.7	17517.5	17315.5	16930.0	16714.3	16338.0
12.5°	18063.6	18040.7	18045.2	18031.5	17939.7	17710.2	17586.3	17329.3	17081.5	16796.9	16365.5
10°	18389.4	18146.2	18164.6	18228.8	18082.0	17898.4	17765.3	17485.3	17251.3	16888.7	16461.9
7.5°	18371.1	18247.2	18283.9	18178.3	18224.2	17999.3	17815.8	17535.8	17242.1	16856.6	16471.1
5°	18481.2	18293.1	18260.9	18270.1	18155.4	17985.6	17737.8	17471.6	17196.2	16764.8	16370.1
2.5°	18228.8	18256.3	18109.5	18054.4	18040.7	17756.1	17526.6	17269.6	16985.1	16604.2	16250.8
0°	18040.7	18091.1	17939.7	17861.7	17857.1	17613.8	17467.0	17173.3	16971.3	16654.7	16227.9
-2.5°	17939.7	17999.3	18017.7	17875.4	17737.8	17549.6	17301.8	16985.1	16654.7	16287.5	15920.4
-5°	17948.9	17829.5	17779.1	17825.0	17705.6	17517.5	17242.1	16962.2	16636.3	16241.6	15782.7
-7.5°	17586.3	17467.0	17457.8	17434.9	17407.3	17228.3	16998.9	16696.0	16365.5	15998.4	15571.6
-10°	17044.8	16957.6	16934.6	16911.7	16838.2	16732.7	16517.0	16241.6	15943.3	15576.2	15121.8
-12.5°	16443.6	16402.3	16315.1	16255.4	16182.0	16058.1	15851.5	15599.1	15300.8	14975.0	14584.9
-15°	15778.1	15700.1	15612.9	15562.4	15456.9	15310.0	15103.5	14869.4	14543.6	14222.3	13855.2
-17.5°	14975.0	14878.6	14782.2	14768.5	14695.0	14470.2	14277.4	13992.9	13708.3	13400.8	13042.9
-20°	14029.6	13896.5	13832.2	13795.5	13694.6	13529.3	13322.8	13061.2	12785.9	12492.2	12079.1



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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°	12983.2	12868.5	12758.3	12689.5	12602.3	12473.8	12276.5	12047.0	11776.2	11445.8	11064.9
-25°	11794.6	11633.9	11565.1	11487.1	11441.2	11321.9	11129.1	10918.0	10638.1	10316.8	9954.3
-27.5°	10436.1	10307.6	10270.9	10160.8	10105.7	9981.8	9821.2	9623.8	9366.8	9063.9	8765.6
-30°	8935.4	8857.4	8797.7	8687.6	8646.3	8513.2	8407.6	8242.4	8008.4	7792.7	7554.0
-32.5°	7393.4	7315.4	7297.0	7246.5	7219.0	7131.8	7012.5	6893.2	6705.0	6544.4	6351.6
-35°	6025.8	5970.7	5975.3	5970.7	5943.2	5878.9	5732.1	5699.9	5562.3	5415.4	5291.5
-37.5°	4933.5	4938.1	4933.5	4928.9	4892.2	4864.7	4759.1	4717.8	4635.2	4493.0	4419.5
-40°	4112.0	4121.2	4116.6	4107.4	4066.1	4052.4	3983.5	3928.5	3896.3	3795.4	3717.4
-42.5°	3446.6	3460.4	3455.8	3451.2	3423.6	3419.0	3382.3	3318.1	3299.7	3240.1	3157.5
-45°	2941.8	2937.2	2928.0	2937.2	2923.4	2909.6	2886.7	2845.4	2822.4	2794.9	2726.1
-47.5°	2542.5	2547.1	2537.9	2537.9	2519.5	2505.8	2496.6	2469.1	2450.7	2427.8	2386.5
-50°	2212.1	2230.4	2225.8	2221.2	2207.5	2198.3	2198.3	2170.8	2143.2	2134.0	2106.5
-52.5°	1955.1	1968.8	1973.4	1982.6	1987.2	1991.8	1978.0	1950.5	1904.6	1900.0	1886.2
-55°	1721.0	1762.3	1789.8	1808.2	1826.6	1840.3	1812.8	1776.1	1730.2	1711.8	1707.2
-57.5°	1560.4	1601.7	1633.8	1661.3	1684.3	1707.2	1679.7	1643.0	1601.7	1578.7	1574.1
-60°	1413.5	1450.2	1482.4	1519.1	1551.2	1587.9	1574.1	1546.6	1523.7	1505.3	1486.9
-62.5°	1257.5	1294.2	1330.9	1376.8	1418.1	1454.8	1459.4	1454.8	1450.2	1454.8	1422.7
-65°	1129.0	1147.3	1170.3	1220.8	1266.7	1308.0	1330.9	1344.7	1367.6	1390.6	1358.4
-67.5°	991.3	1014.2	1041.8	1078.5	1115.2	1142.7	1174.9	1211.6	1248.3	1285.0	1262.1
-70°	867.4	885.7	908.7	927.0	950.0	968.3	995.9	1037.2	1078.5	1115.2	1106.0
-72.5°	738.9	757.2	771.0	780.2	794.0	803.1	816.9	853.6	881.2	899.5	899.5
-75°	610.4	628.7	642.5	647.1	656.3	660.9	670.0	683.8	697.6	702.2	706.8
-77.5°	468.1	486.5	500.2	509.4	518.6	527.8	532.4	541.5	546.1	546.1	550.7
-80°	348.8	362.6	371.7	385.5	390.1	399.3	408.5	413.0	417.6	417.6	422.2
-82.5°	247.8	257.0	266.2	275.4	284.5	289.1	298.3	302.9	307.5	312.1	316.7
-85°	165.2	174.4	183.6	192.8	197.3	201.9	206.5	211.1	215.7	220.3	224.9
-87.5°	96.4	101.0	105.6	114.7	119.3	128.5	133.1	128.5	133.1	133.1	133.1
-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°	179.0	179.0	179.0	179.0	174.4	165.2	160.6	151.4	142.3	133.1	123.9
85°	371.7	376.3	376.3	376.3	367.1	362.6	348.8	335.0	316.7	289.1	266.2
82.5°	619.6	624.1	624.1	619.6	610.4	596.6	578.3	555.3	518.6	481.9	449.8
80°	931.6	936.2	936.2	931.6	908.7	885.7	862.8	835.3	789.4	738.9	683.8
77.5°	1303.4	1312.5	1312.5	1298.8	1266.7	1239.1	1202.4	1156.5	1087.7	1014.2	940.8
75°	1734.8	1757.7	1762.3	1748.5	1707.2	1656.7	1597.1	1519.1	1413.5	1321.7	1234.5
72.5°	2235.0	2257.9	2276.3	2257.9	2198.3	2129.4	2042.3	1950.5	1844.9	1721.0	1574.1
70°	2891.3	2914.2	2928.0	2868.3	2762.8	2648.0	2542.5	2436.9	2313.0	2161.6	2000.9
67.5°	3717.4	3694.4	3666.9	3547.6	3414.5	3276.8	3129.9	2973.9	2813.3	2652.6	2464.5
65°	4511.3	4447.1	4387.4	4245.1	4075.3	3896.3	3726.5	3552.1	3359.4	3157.5	2978.5
62.5°	5346.6	5208.9	5062.0	4887.6	4713.2	4515.9	4346.1	4139.6	3923.9	3676.1	3446.6
60°	6168.1	6002.8	5856.0	5640.3	5410.8	5144.6	4961.1	4759.1	4506.7	4240.5	3969.8
57.5°	6962.0	6783.0	6622.4	6434.2	6186.4	5897.3	5695.4	5433.8	5167.6	4832.6	4557.2
55°	7806.4	7627.5	7499.0	7287.9	7017.1	6750.9	6530.6	6255.3	5883.5	5525.6	5185.9
52.5°	8774.8	8632.5	8494.8	8279.1	7953.3	7682.5	7439.3	7131.8	6741.7	6301.1	5892.7
50°	9857.9	9784.4	9637.6	9385.2	9013.4	8774.8	8453.5	8045.1	7627.5	7163.9	6654.5
47.5°	11294.3	11175.0	10968.5	10693.1	10381.1	10023.1	9591.7	9114.4	8522.4	8008.4	7466.8
45°	13010.7	12790.5	12524.3	12152.5	11767.0	11363.2	10890.5	10284.7	9490.7	8820.7	8251.6
42.5°	14869.4	14571.1	14208.6	13722.1	13221.9	12726.2	12216.8	11390.7	10399.4	9628.4	8985.9
40°	16810.7	16429.8	15975.5	15268.7	14713.4	14075.5	13492.6	12258.1	11202.6	10367.3	9683.5
37.5°	18710.7	18228.8	17467.0	16608.8	15961.7	15438.5	14158.1	12836.4	11891.0	10973.1	10280.1
35°	20165.5	19757.1	18412.4	17522.1	16966.7	16140.7	14539.0	13185.1	12184.7	11422.8	10344.3
32.5°	21028.3	19972.8	18793.3	17893.8	17434.9	16081.0	14566.5	13286.1	12322.3	11468.7	10179.1
30°	20835.6	19559.7	18527.1	17774.5	16778.6	15562.4	14309.5	13130.1	12193.8	11161.2	9995.6
27.5°	19674.5	18687.7	17765.3	16980.5	16003.0	14910.7	13754.2	12717.0	11845.1	10844.6	9743.1
25°	18361.9	17467.0	16783.2	16099.4	15172.3	14130.5	13111.7	12363.7	11487.1	10500.4	9412.7
22.5°	17154.9	16512.4	15975.5	15259.5	14355.4	13446.7	12813.4	12037.8	11138.3	10137.8	9073.1
20°	16383.9	15947.9	15332.9	14543.6	13832.2	13263.2	12561.0	11739.5	10812.5	9766.1	8784.0
17.5°	16012.2	15507.3	14823.5	14309.5	13763.4	13139.2	12354.5	11482.5	10495.8	9596.3	8816.1
15°	15819.4	15287.1	14837.3	14332.5	13717.5	13061.2	12189.3	11285.2	10495.8	9665.1	8839.0
12.5°	15860.7	15401.8	14910.7	14360.0	13699.1	12997.0	12207.6	11367.8	10550.9	9715.6	8843.6
10°	15989.2	15507.3	14984.2	14373.8	13708.3	13015.3	12258.1	11418.2	10578.4	9738.6	8834.5
7.5°	16035.1	15511.9	14952.0	14337.1	13685.4	13006.2	12267.3	11432.0	10583.0	9734.0	8806.9
5°	15892.8	15420.1	14878.6	14259.0	13621.1	12960.3	12230.6	11413.7	10546.3	9688.1	8738.1
2.5°	15700.1	15319.2	14800.6	14204.0	13556.9	12896.0	12170.9	11331.1	10463.7	9605.5	8650.9
0°	15668.0	15195.3	14672.1	14139.7	13451.3	12753.7	12033.2	11175.0	10312.2	9449.4	8499.4
-2.5°	15456.9	14956.6	14433.4	13855.2	13249.4	12547.2	11790.0	10950.1	10096.5	9247.5	8334.2
-5°	15296.2	14740.9	14185.6	13561.5	12951.1	12248.9	11464.1	10647.2	9812.0	8985.9	8104.8
-7.5°	15080.5	14511.5	13928.6	13276.9	12616.1	11900.1	11124.5	10307.6	9486.1	8664.7	7820.2
-10°	14644.5	14144.3	13598.2	12923.5	12226.0	11510.0	10739.0	9935.9	9114.4	8283.7	7434.7
-12.5°	14116.8	13589.0	12992.4	12372.8	11748.7	11083.2	10312.2	9522.9	8696.8	7861.5	7017.1
-15°	13433.0	12914.4	12304.0	11698.2	11097.0	10459.1	9779.9	9068.5	8228.7	7407.2	6562.7
-17.5°	12579.3	12092.9	11546.8	10968.5	10371.9	9729.4	9068.5	8467.3	7682.5	6911.5	6076.3
-20°	11661.5	11207.1	10716.1	10170.0	9573.3	8944.6	8320.5	7691.7	7012.5	6333.3	5557.7



REPORT NUMBER: P722015  
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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°	10706.9	10248.0	9752.3	9242.9	8692.2	8109.3	7531.1	6929.9	6333.3	5718.3	5062.0
-25°	9605.5	9201.6	8747.3	8251.6	7760.6	7251.1	6700.4	6154.3	5644.9	5112.5	4575.6
-27.5°	8453.5	8081.8	7668.8	7237.4	6815.2	6388.3	5911.1	5406.2	4984.0	4543.4	4098.3
-30°	7242.0	6943.7	6608.6	6232.3	5906.5	5562.3	5163.0	4745.4	4359.9	4024.8	3666.9
-32.5°	6094.6	5842.2	5603.6	5355.7	5034.5	4768.3	4493.0	4185.5	3845.9	3529.2	3272.2
-35°	5107.9	4837.2	4736.2	4552.6	4323.1	4089.1	3887.2	3666.9	3409.9	3129.9	2918.8
-37.5°	4277.3	4116.6	3974.4	3873.4	3721.9	3533.8	3373.2	3212.5	3015.2	2804.1	2593.0
-40°	3630.2	3520.0	3364.0	3313.5	3217.1	3088.6	2923.4	2799.5	2666.4	2505.8	2326.8
-42.5°	3111.6	3029.0	2928.0	2840.8	2799.5	2707.7	2579.2	2459.9	2354.3	2244.2	2106.5
-45°	2684.8	2629.7	2565.4	2487.4	2455.3	2381.9	2290.1	2157.0	2097.3	2005.5	1904.6
-47.5°	2340.6	2313.0	2267.1	2216.6	2170.8	2115.7	2033.1	1950.5	1867.9	1808.2	1730.2
-50°	2069.8	2051.4	2023.9	1982.6	1922.9	1886.2	1831.1	1757.7	1679.7	1629.2	1574.1
-52.5°	1854.1	1835.7	1817.4	1785.2	1739.4	1702.6	1656.7	1597.1	1532.8	1482.4	1436.5
-55°	1688.9	1661.3	1647.6	1620.0	1583.3	1542.0	1500.7	1459.4	1404.3	1358.4	1312.5
-57.5°	1560.4	1523.7	1505.3	1482.4	1445.6	1404.3	1372.2	1330.9	1294.2	1243.7	1202.4
-60°	1459.4	1418.1	1381.4	1358.4	1326.3	1285.0	1252.9	1220.8	1184.0	1142.7	1092.3
-62.5°	1376.8	1326.3	1275.8	1248.3	1216.2	1179.5	1147.3	1115.2	1078.5	1037.2	991.3
-65°	1298.8	1239.1	1174.9	1147.3	1115.2	1078.5	1037.2	1014.2	982.1	945.4	899.5
-67.5°	1202.4	1138.2	1083.1	1051.0	1018.8	986.7	950.0	927.0	894.9	849.0	803.1
-70°	1060.1	1018.8	982.1	954.6	927.0	899.5	862.8	826.1	789.4	748.1	706.8
-72.5°	881.2	867.4	862.8	849.0	816.9	784.8	748.1	711.3	679.2	647.1	615.0
-75°	711.3	720.5	729.7	725.1	693.0	660.9	628.7	596.6	573.7	546.1	518.6
-77.5°	564.5	573.7	582.8	582.8	559.9	541.5	518.6	495.6	477.3	454.3	426.8
-80°	436.0	449.8	463.5	472.7	454.3	440.6	422.2	403.9	385.5	367.1	348.8
-82.5°	330.4	344.2	358.0	367.1	353.4	344.2	330.4	316.7	302.9	284.5	270.8
-85°	238.6	247.8	257.0	261.6	252.4	243.2	234.1	224.9	215.7	201.9	192.8
-87.5°	137.7	142.3	146.9	151.4	142.3	133.1	128.5	119.3	114.7	105.6	101.0
-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):**

	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°	114.7	105.6	96.4	91.8	82.6	68.8	59.7	50.5	41.3	32.1	27.5
85°	243.2	220.3	192.8	179.0	160.6	142.3	123.9	105.6	87.2	68.8	50.5
82.5°	417.6	390.1	362.6	330.4	289.1	238.6	188.2	156.0	128.5	101.0	78.0
80°	628.7	578.3	532.4	491.1	445.2	380.9	312.1	247.8	174.4	133.1	101.0
77.5°	872.0	812.3	748.1	679.2	605.8	518.6	440.6	358.0	270.8	183.6	128.5
75°	1147.3	1069.3	982.1	885.7	789.4	674.6	564.5	468.1	367.1	257.0	156.0
72.5°	1454.8	1358.4	1252.9	1124.4	972.9	839.8	706.8	578.3	458.9	325.8	211.1
70°	1849.5	1698.1	1542.0	1404.3	1211.6	1000.5	844.4	697.6	546.1	399.3	266.2
67.5°	2271.7	2088.1	1900.0	1698.1	1454.8	1207.0	982.1	816.9	637.9	468.1	316.7
65°	2730.7	2501.2	2262.5	2037.7	1702.6	1408.9	1156.5	931.6	725.1	532.4	367.1
62.5°	3203.4	2932.6	2657.2	2363.5	1978.0	1615.4	1321.7	1060.1	807.7	592.0	413.0
60°	3708.2	3391.5	3056.5	2689.3	2239.6	1840.3	1477.8	1193.2	894.9	651.7	463.5
57.5°	4240.5	3896.3	3501.7	3006.0	2510.4	2056.0	1656.7	1312.5	972.9	706.8	500.2
55°	4818.8	4424.1	3992.7	3336.4	2776.5	2271.7	1835.7	1431.9	1055.5	752.6	537.0
52.5°	5442.9	4984.0	4437.9	3685.2	3056.5	2492.0	2000.9	1537.4	1133.6	803.1	569.1
50°	6140.5	5562.3	4828.0	4006.5	3299.7	2698.5	2166.2	1652.2	1197.8	858.2	596.6
47.5°	6865.6	6241.5	5176.8	4304.8	3547.6	2900.5	2336.0	1753.1	1262.1	904.1	624.1
45°	7622.9	6714.2	5539.3	4571.0	3763.2	3084.0	2464.5	1844.9	1340.1	945.4	647.1
42.5°	8370.9	7072.2	5856.0	4837.2	3965.2	3249.2	2570.0	1932.1	1404.3	986.7	670.0
40°	8724.3	7342.9	6108.4	5020.7	4135.0	3396.1	2661.8	2010.1	1459.4	1014.2	693.0
37.5°	8871.2	7508.1	6273.6	5195.1	4268.1	3474.1	2739.8	2079.0	1505.3	1041.8	711.3
35°	8903.3	7567.8	6356.2	5314.4	4378.2	3547.6	2799.5	2129.4	1542.0	1069.3	729.7
32.5°	8843.6	7549.4	6379.2	5355.7	4447.1	3602.6	2840.8	2166.2	1569.6	1096.8	748.1
30°	8710.5	7453.1	6296.6	5351.2	4497.5	3634.7	2868.3	2193.7	1597.1	1115.2	757.2
27.5°	8494.8	7283.3	6191.0	5355.7	4525.1	3648.5	2882.1	2207.5	1615.4	1129.0	775.6
25°	8228.7	7053.8	6195.6	5346.6	4529.7	3653.1	2882.1	2207.5	1620.0	1133.6	789.4
22.5°	7921.2	7053.8	6195.6	5332.8	4502.1	3643.9	2868.3	2198.3	1620.0	1142.7	803.1
20°	7939.5	7058.4	6181.8	5305.3	4460.8	3616.4	2836.2	2175.3	1606.3	1156.5	812.3
17.5°	7953.3	7049.2	6154.3	5268.5	4405.8	3570.5	2794.9	2143.2	1606.3	1170.3	816.9
15°	7953.3	7021.7	6113.0	5213.5	4336.9	3506.2	2735.2	2115.7	1610.9	1174.9	826.1
12.5°	7939.5	6971.2	6048.7	5140.0	4254.3	3428.2	2698.5	2106.5	1610.9	1179.5	826.1
10°	7912.0	6902.3	5966.1	5048.3	4176.3	3400.7	2680.2	2088.1	1601.7	1179.5	826.1
7.5°	7861.5	6819.7	5897.3	4993.2	4130.4	3368.6	2652.6	2060.6	1587.9	1170.3	835.3
5°	7783.5	6773.8	5842.2	4928.9	4066.1	3345.6	2634.3	2037.7	1578.7	1170.3	826.1
2.5°	7682.5	6718.8	5778.0	4846.3	3992.7	3267.6	2574.6	1987.2	1546.6	1151.9	816.9
0°	7517.3	6608.6	5667.8	4731.6	3891.8	3189.6	2515.0	1936.7	1514.5	1133.6	807.7
-2.5°	7365.9	6461.8	5525.6	4612.3	3795.4	3120.7	2469.1	1909.2	1500.7	1129.0	803.1
-5°	7154.8	6259.8	5337.4	4456.2	3666.9	3051.9	2423.2	1877.0	1486.9	1119.8	803.1
-7.5°	6920.7	6048.7	5140.0	4295.6	3538.4	2932.6	2336.0	1826.6	1454.8	1101.4	798.5
-10°	6558.2	5732.1	4892.2	4112.0	3400.7	2827.0	2262.5	1780.7	1427.3	1083.1	780.2
-12.5°	6172.6	5383.3	4607.7	3887.2	3244.7	2716.9	2179.9	1730.2	1395.2	1064.7	771.0
-15°	5764.2	5025.3	4309.4	3653.1	3074.9	2583.8	2092.7	1675.1	1363.0	1041.8	757.2
-17.5°	5337.4	4649.0	4001.9	3414.5	2905.0	2446.1	2000.9	1624.6	1326.3	1018.8	743.5
-20°	4887.6	4263.5	3689.8	3171.2	2726.1	2308.4	1904.6	1565.0	1285.0	991.3	725.1



REPORT NUMBER: P722015  
 CATALOG NUMBER: IFLD-L-SA8C-727-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	4442.5	3882.6	3368.6	2932.6	2542.5	2166.2	1808.2	1505.3	1239.1	959.2	711.3
-25°	4047.8	3524.6	3084.0	2703.1	2363.5	2028.5	1707.2	1445.6	1188.6	927.0	693.0
-27.5°	3662.3	3217.1	2804.1	2487.4	2189.1	1895.4	1610.9	1381.4	1138.2	890.3	674.6
-30°	3304.3	2923.4	2583.8	2276.3	2023.9	1776.1	1528.2	1317.1	1083.1	853.6	651.7
-32.5°	2978.5	2671.0	2386.5	2092.7	1867.9	1656.7	1450.2	1252.9	1028.0	816.9	628.7
-35°	2675.6	2436.9	2189.1	1941.3	1711.8	1546.6	1367.6	1184.0	977.5	775.6	605.8
-37.5°	2404.8	2212.1	2014.7	1803.6	1606.3	1441.0	1289.6	1115.2	927.0	738.9	582.8
-40°	2170.8	2014.7	1840.3	1670.5	1505.3	1349.3	1211.6	1046.4	876.6	711.3	559.9
-42.5°	1955.1	1835.7	1693.5	1551.2	1404.3	1266.7	1133.6	972.9	826.1	679.2	537.0
-45°	1789.8	1670.5	1555.8	1427.3	1303.4	1184.0	1051.0	908.7	780.2	642.5	514.0
-47.5°	1633.8	1528.2	1422.7	1317.1	1216.2	1106.0	972.9	853.6	729.7	610.4	495.6
-50°	1496.1	1395.2	1303.4	1211.6	1124.4	1018.8	894.9	798.5	688.4	578.3	472.7
-52.5°	1367.6	1280.4	1188.6	1115.2	1041.8	936.2	835.3	743.5	647.1	541.5	449.8
-55°	1252.9	1170.3	1087.7	1018.8	950.0	858.2	775.6	697.6	605.8	514.0	426.8
-57.5°	1142.7	1073.9	995.9	931.6	862.8	789.4	720.5	647.1	564.5	486.5	403.9
-60°	1041.8	977.5	908.7	844.4	784.8	725.1	660.9	601.2	527.8	454.3	380.9
-62.5°	940.8	885.7	826.1	761.8	715.9	660.9	610.4	550.7	491.1	426.8	339.6
-65°	849.0	798.5	743.5	688.4	647.1	605.8	559.9	504.8	454.3	394.7	302.9
-67.5°	757.2	711.3	665.5	619.6	582.8	550.7	504.8	463.5	422.2	358.0	266.2
-70°	670.0	633.3	592.0	555.3	527.8	491.1	458.9	422.2	385.5	312.1	224.9
-72.5°	587.4	550.7	518.6	491.1	468.1	436.0	408.5	380.9	330.4	261.6	188.2
-75°	491.1	468.1	449.8	426.8	403.9	380.9	358.0	325.8	275.4	211.1	146.9
-77.5°	403.9	390.1	376.3	358.0	339.6	321.3	293.7	261.6	220.3	165.2	119.3
-80°	330.4	316.7	307.5	289.1	275.4	257.0	229.5	201.9	160.6	128.5	96.4
-82.5°	252.4	243.2	234.1	224.9	211.1	192.8	165.2	142.3	119.3	96.4	73.4
-85°	179.0	174.4	165.2	156.0	142.3	128.5	110.1	96.4	82.6	64.3	50.5
-87.5°	91.8	87.2	82.6	78.0	73.4	64.3	55.1	45.9	41.3	32.1	22.9
-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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 CATALOG NUMBER: IFLD-L-SA8C-727-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	18.4	13.8	4.6	0.0
85°	36.7	22.9	9.2	0.0
82.5°	55.1	36.7	13.8	0.0
80°	73.4	45.9	22.9	0.0
77.5°	91.8	55.1	27.5	0.0
75°	110.1	68.8	32.1	0.0
72.5°	123.9	78.0	36.7	0.0
70°	146.9	91.8	41.3	0.0
67.5°	183.6	101.0	45.9	0.0
65°	215.7	110.1	50.5	0.0
62.5°	252.4	119.3	55.1	0.0
60°	284.5	128.5	59.7	0.0
57.5°	316.7	151.4	64.3	0.0
55°	344.2	169.8	68.8	0.0
52.5°	376.3	188.2	73.4	0.0
50°	403.9	206.5	78.0	0.0
47.5°	426.8	224.9	78.0	0.0
45°	445.2	238.6	82.6	0.0
42.5°	458.9	252.4	87.2	0.0
40°	472.7	266.2	91.8	0.0
37.5°	486.5	279.9	91.8	0.0
35°	500.2	293.7	96.4	0.0
32.5°	514.0	307.5	96.4	0.0
30°	523.2	316.7	101.0	0.0
27.5°	537.0	325.8	101.0	0.0
25°	541.5	335.0	105.6	0.0
22.5°	550.7	339.6	105.6	0.0
20°	559.9	348.8	105.6	0.0
17.5°	564.5	353.4	110.1	0.0
15°	564.5	358.0	114.7	0.0
12.5°	569.1	362.6	114.7	0.0
10°	569.1	371.7	110.1	0.0
7.5°	578.3	367.1	110.1	0.0
5°	573.7	367.1	110.1	0.0
2.5°	569.1	362.6	110.1	0.0
0°	564.5	362.6	110.1	0.0
-2.5°	564.5	362.6	110.1	0.0
-5°	564.5	362.6	110.1	0.0
-7.5°	559.9	367.1	110.1	0.0
-10°	550.7	367.1	110.1	0.0
-12.5°	546.1	353.4	110.1	0.0
-15°	541.5	348.8	110.1	0.0
-17.5°	532.4	344.2	105.6	0.0
-20°	523.2	339.6	105.6	0.0



REPORT NUMBER: P722015  
 CATALOG NUMBER: IFLD-L-SA8C-727-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	514.0	330.4	105.6	0.0
-25°	504.8	321.3	101.0	0.0
-27.5°	495.6	312.1	101.0	0.0
-30°	481.9	302.9	96.4	0.0
-32.5°	468.1	293.7	96.4	0.0
-35°	458.9	279.9	91.8	0.0
-37.5°	445.2	266.2	91.8	0.0
-40°	431.4	252.4	87.2	0.0
-42.5°	417.6	238.6	82.6	0.0
-45°	399.3	224.9	82.6	0.0
-47.5°	385.5	211.1	78.0	0.0
-50°	362.6	192.8	73.4	0.0
-52.5°	335.0	174.4	68.8	0.0
-55°	307.5	160.6	64.3	0.0
-57.5°	279.9	142.3	64.3	0.0
-60°	252.4	123.9	59.7	0.0
-62.5°	224.9	114.7	55.1	0.0
-65°	197.3	105.6	50.5	0.0
-67.5°	165.2	91.8	45.9	0.0
-70°	137.7	82.6	41.3	0.0
-72.5°	119.3	73.4	36.7	0.0
-75°	101.0	64.3	32.1	0.0
-77.5°	87.2	55.1	27.5	0.0
-80°	68.8	41.3	18.4	0.0
-82.5°	50.5	32.1	13.8	0.0
-85°	32.1	22.9	9.2	0.0
-87.5°	18.4	9.2	4.6	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)