

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: P721981

Luminaire Tested: **IFLD-L-SA7C-722-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P721981  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA7C-722-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (112) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

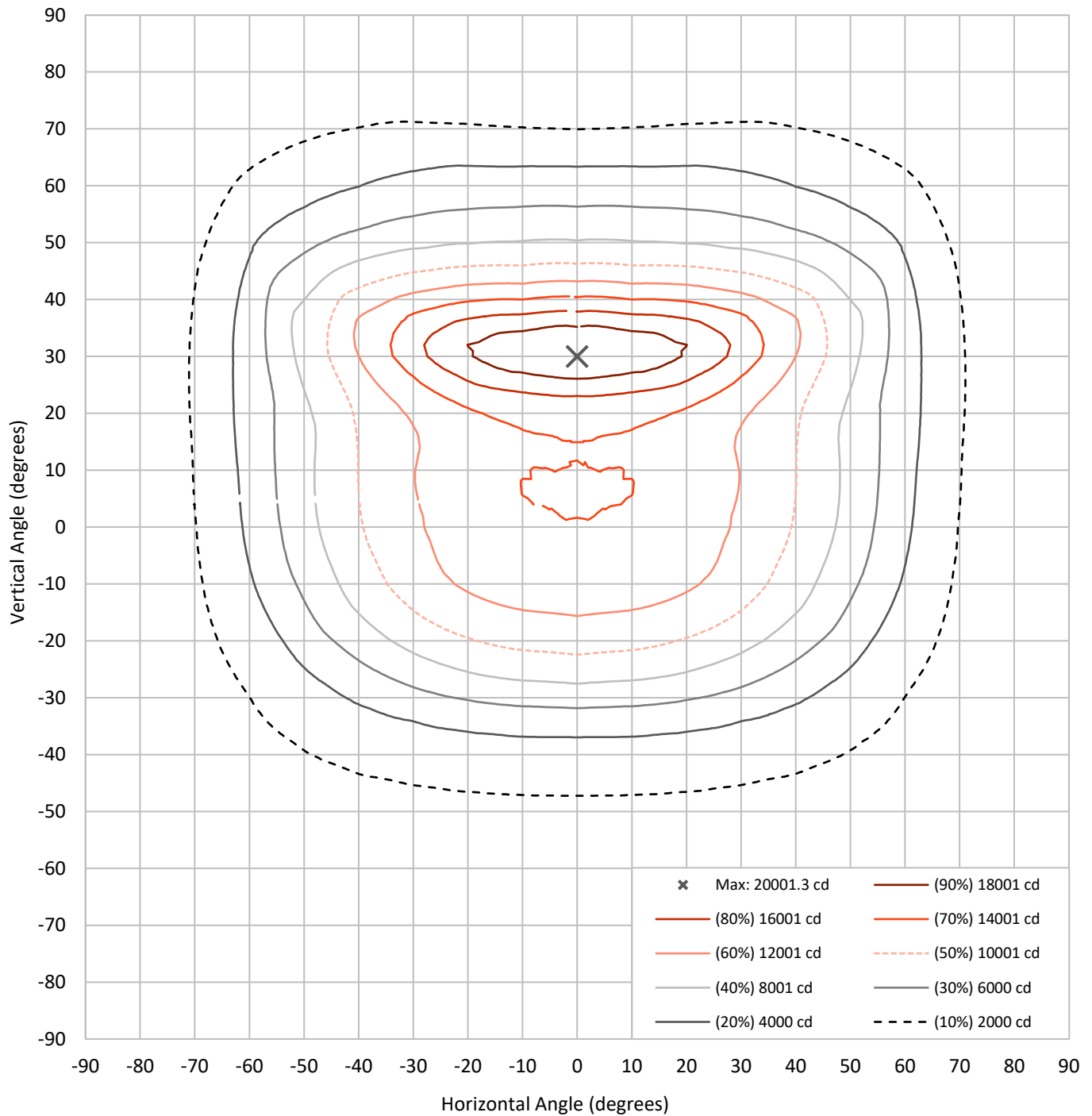
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	33387.2 lumens	Max Intensity:	20001.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	90.5 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	19415 lumens	Field Lumens:	31288.1 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 369  
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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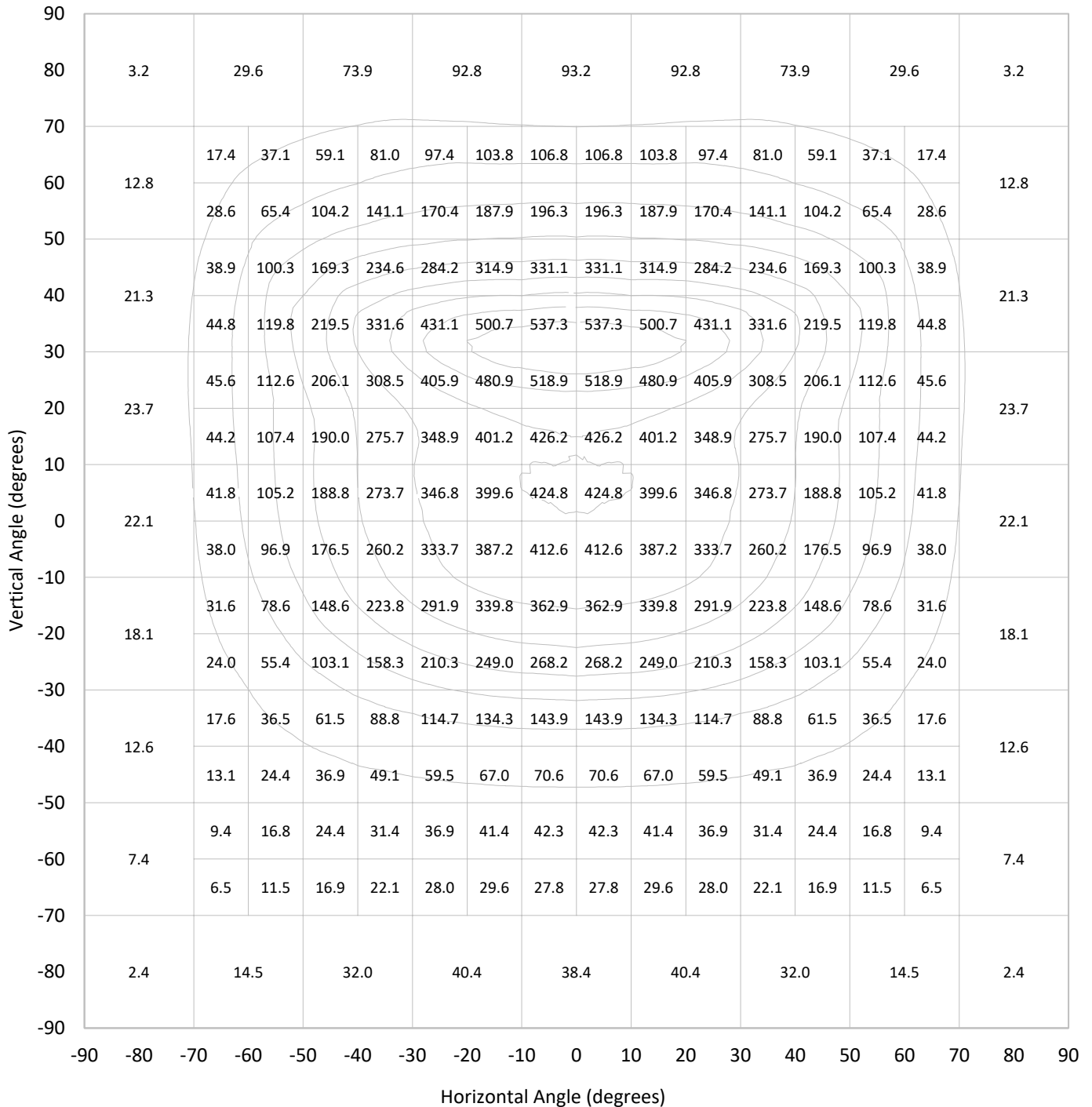
### Iso-Candela Plot





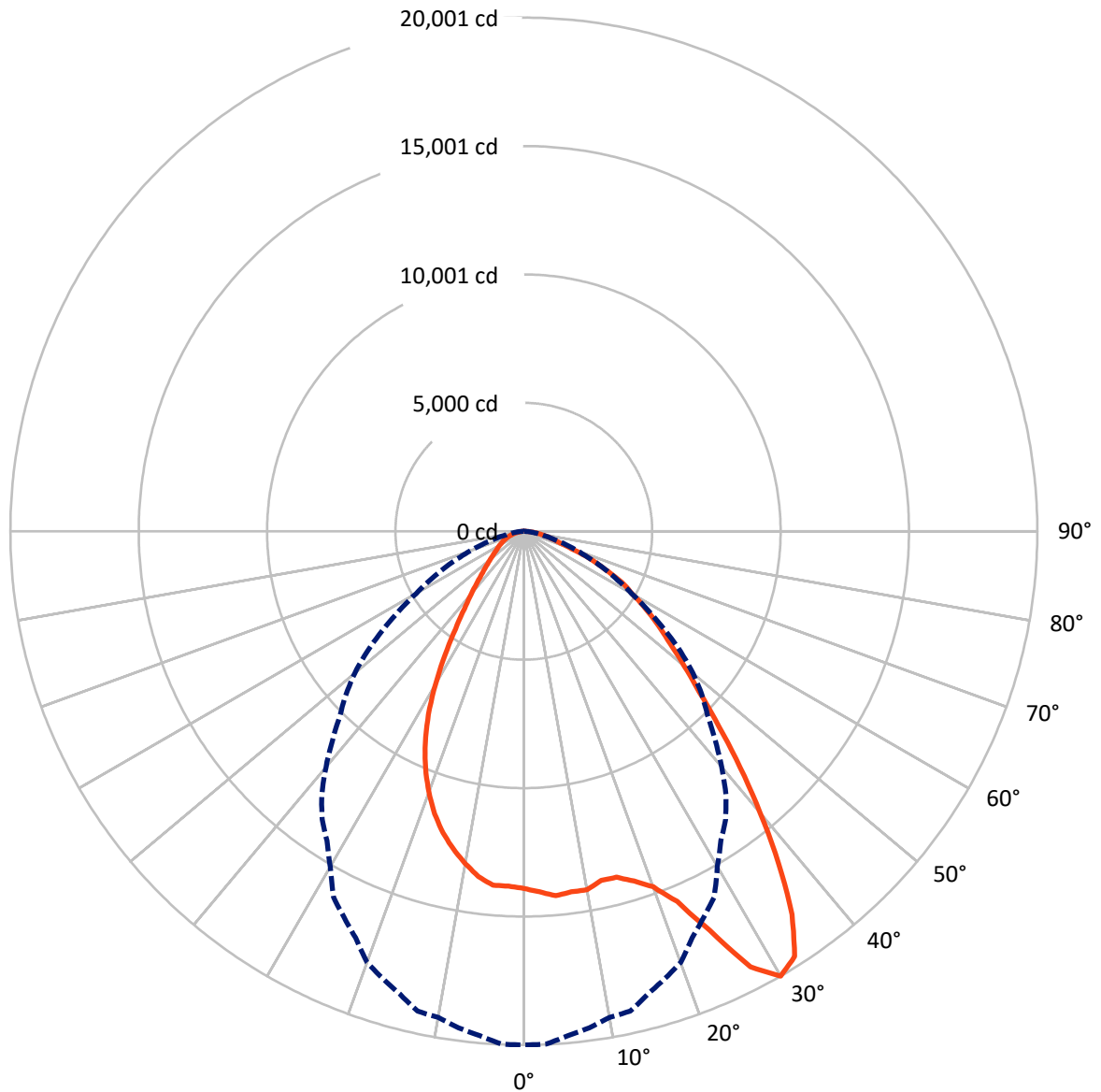
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### Lumen Table



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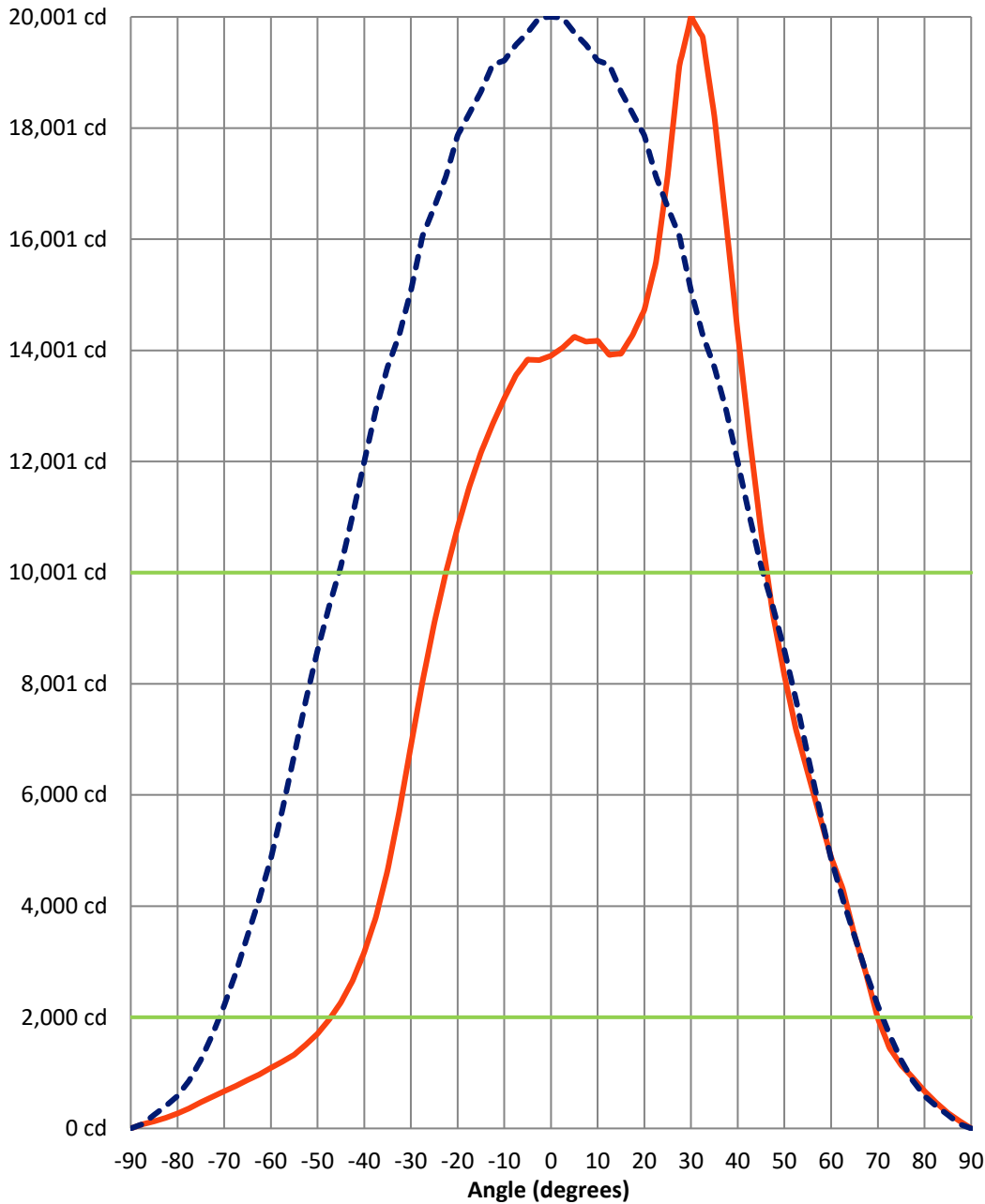
### Luminous Intensity Polar Plot



— 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: 19415  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 31288.1  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 2099.1  
 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°	134.4	137.9	141.5	141.5	137.9	137.9	137.9	134.4	137.9	137.9	137.9
85°	279.4	286.5	293.6	290.0	286.5	279.4	272.3	275.9	279.4	283.0	283.0
82.5°	463.3	473.9	481.0	477.5	470.4	463.3	456.3	459.8	466.9	470.4	470.4
80°	672.0	675.6	679.1	686.2	675.6	675.6	672.0	686.2	693.2	700.3	707.4
77.5°	912.5	916.1	916.1	919.6	923.1	926.7	926.7	951.4	969.1	979.7	990.3
75°	1138.9	1149.5	1160.1	1170.7	1184.9	1191.9	1202.6	1237.9	1266.2	1287.4	1308.7
72.5°	1450.1	1464.3	1482.0	1506.7	1531.5	1549.2	1573.9	1616.4	1648.2	1669.4	1694.2
70°	1984.2	1998.4	2016.0	2033.7	2058.5	2076.2	2100.9	2154.0	2185.8	2200.0	2214.1
67.5°	2776.5	2811.9	2843.7	2808.3	2790.6	2765.9	2772.9	2822.5	2854.3	2875.5	2872.0
65°	3480.3	3505.1	3505.1	3501.6	3487.4	3455.6	3473.3	3533.4	3568.8	3586.4	3533.4
62.5°	4308.0	4308.0	4290.3	4318.6	4322.1	4300.9	4290.3	4293.8	4297.4	4308.0	4219.5
60°	4881.0	4916.3	4926.9	4951.7	4958.8	4958.8	4976.5	4990.6	4990.6	4969.4	4866.8
57.5°	5637.9	5705.1	5719.2	5701.5	5666.2	5620.2	5613.1	5591.9	5549.4	5507.0	5457.5
55°	6401.8	6437.2	6433.7	6423.1	6387.7	6334.6	6341.7	6313.4	6246.2	6193.2	6126.0
52.5°	7169.3	7254.2	7268.4	7247.2	7197.6	7141.0	7144.6	7112.8	7045.6	6989.0	6897.0
50°	8149.1	8219.8	8212.7	8177.4	8106.6	8064.2	8067.7	8007.6	7929.8	7912.1	7791.8
47.5°	9270.3	9351.6	9337.5	9288.0	9192.5	9174.8	9192.5	9114.7	9068.7	9029.8	8888.3
45°	10741.6	10837.1	10784.1	10688.6	10536.5	10554.2	10578.9	10564.8	10465.8	10363.2	10182.8
42.5°	12467.7	12527.8	12464.1	12368.6	12177.6	12213.0	12198.8	12114.0	12053.8	11884.1	11654.2
40°	14313.9	14444.8	14345.8	14197.2	13999.1	14052.2	14013.3	13903.6	13762.2	13550.0	13259.9
37.5°	16305.2	16407.8	16294.6	16121.3	15944.4	15926.8	15849.0	15679.2	15477.6	15244.1	14780.8
35°	18211.6	18476.9	18268.2	17992.3	17776.6	17695.2	17621.0	17228.4	16998.5	16620.0	15986.9
32.5°	19629.9	19824.5	19566.3	19279.8	19018.0	18904.9	18643.1	18176.2	18052.5	17256.6	16676.6
30°	20001.3	19987.2	19718.3	19499.1	19216.1	19138.3	18657.3	18261.1	17865.0	17129.3	16577.6
27.5°	19117.1	19028.6	18770.5	18579.5	18300.0	18208.1	17734.1	17521.9	16910.0	16287.5	15820.7
25°	17147.0	17193.0	16998.5	16903.0	16719.0	16521.0	16333.5	16047.0	15665.0	15120.3	14692.4
22.5°	15594.3	15654.4	15573.1	15459.9	15318.4	15208.8	15067.3	14844.5	14476.6	14140.6	13737.4
20°	14731.3	14713.6	14642.9	14558.0	14423.6	14345.8	14190.1	14002.7	13719.7	13429.7	12994.7
17.5°	14278.6	14168.9	14101.7	14069.9	13999.1	13900.1	13716.2	13525.2	13305.9	12977.0	12658.6
15°	13942.6	13960.2	13907.2	13882.4	13825.8	13687.9	13500.4	13344.8	13047.7	12881.5	12591.4
12.5°	13921.3	13903.6	13907.2	13896.6	13825.8	13649.0	13553.5	13355.4	13164.4	12945.1	12612.7
10°	14172.5	13985.0	13999.1	14048.7	13935.5	13794.0	13691.4	13475.7	13295.3	13015.9	12686.9
7.5°	14158.3	14062.8	14091.1	14009.8	14045.1	13871.8	13730.3	13514.6	13288.2	12991.1	12694.0
5°	14243.2	14098.2	14073.4	14080.5	13992.1	13861.2	13670.2	13465.1	13252.9	12920.4	12616.2
2.5°	14048.7	14069.9	13956.7	13914.3	13903.6	13684.4	13507.5	13309.4	13090.2	12796.6	12524.2
0°	13903.6	13942.6	13825.8	13765.7	13762.2	13574.7	13461.5	13235.2	13079.5	12835.5	12506.6
-2.5°	13825.8	13871.8	13886.0	13776.3	13670.2	13525.2	13334.2	13090.2	12835.5	12552.5	12269.6
-5°	13832.9	13740.9	13702.0	13737.4	13645.4	13500.4	13288.2	13072.5	12821.3	12517.2	12163.5
-7.5°	13553.5	13461.5	13454.5	13436.8	13415.5	13277.6	13100.8	12867.3	12612.7	12329.7	12000.8
-10°	13136.1	13068.9	13051.2	13033.6	12977.0	12895.6	12729.4	12517.2	12287.3	12004.3	11654.2
-12.5°	12672.8	12641.0	12573.8	12527.8	12471.2	12375.7	12216.5	12022.0	11792.1	11541.0	11240.3
-15°	12159.9	12099.8	12032.6	11993.7	11912.4	11799.2	11640.0	11459.6	11208.5	10960.9	10678.0
-17.5°	11541.0	11466.7	11392.4	11381.8	11325.2	11151.9	11003.4	10784.1	10564.8	10327.8	10051.9
-20°	10812.4	10709.8	10660.3	10632.0	10554.2	10426.8	10267.7	10066.1	9853.9	9627.5	9309.2



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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°	10006.0	9917.5	9832.6	9779.6	9712.4	9613.4	9461.3	9284.4	9075.7	8821.1	8527.5
-25°	9089.9	8966.1	8913.0	8852.9	8817.5	8725.6	8577.0	8414.3	8198.6	7951.0	7671.6
-27.5°	8043.0	7943.9	7915.6	7830.7	7788.3	7692.8	7569.0	7416.9	7218.9	6985.4	6755.5
-30°	6886.4	6826.3	6780.3	6695.4	6663.6	6561.0	6479.6	6352.3	6171.9	6005.7	5821.8
-32.5°	5698.0	5637.9	5623.7	5584.8	5563.6	5496.4	5404.4	5312.5	5167.4	5043.7	4895.1
-35°	4644.0	4601.5	4605.1	4601.5	4580.3	4530.8	4417.6	4392.9	4286.8	4173.6	4078.1
-37.5°	3802.2	3805.7	3802.2	3798.7	3770.4	3749.1	3667.8	3636.0	3572.3	3462.6	3406.1
-40°	3169.1	3176.2	3172.6	3165.5	3133.7	3123.1	3070.0	3027.6	3002.8	2925.0	2864.9
-42.5°	2656.2	2666.8	2663.3	2659.8	2638.5	2635.0	2606.7	2557.2	2543.0	2497.1	2433.4
-45°	2267.2	2263.6	2256.6	2263.6	2253.0	2242.4	2224.7	2192.9	2175.2	2154.0	2100.9
-47.5°	1959.5	1963.0	1955.9	1955.9	1941.8	1931.2	1924.1	1902.9	1888.7	1871.0	1839.2
-50°	1704.8	1718.9	1715.4	1711.9	1701.3	1694.2	1694.2	1673.0	1651.7	1644.7	1623.4
-52.5°	1506.7	1517.3	1520.9	1528.0	1531.5	1535.0	1524.4	1503.2	1467.8	1464.3	1453.7
-55°	1326.3	1358.2	1379.4	1393.5	1407.7	1418.3	1397.1	1368.8	1333.4	1319.3	1315.7
-57.5°	1202.6	1234.4	1259.1	1280.4	1298.1	1315.7	1294.5	1266.2	1234.4	1216.7	1213.2
-60°	1089.4	1117.7	1142.4	1170.7	1195.5	1223.8	1213.2	1191.9	1174.3	1160.1	1146.0
-62.5°	969.1	997.4	1025.7	1061.1	1092.9	1121.2	1124.7	1121.2	1117.7	1121.2	1096.4
-65°	870.1	884.2	901.9	940.8	976.2	1008.0	1025.7	1036.3	1054.0	1071.7	1046.9
-67.5°	764.0	781.7	802.9	831.2	859.5	880.7	905.5	933.7	962.0	990.3	972.7
-70°	668.5	682.6	700.3	714.5	732.1	746.3	767.5	799.3	831.2	859.5	852.4
-72.5°	569.4	583.6	594.2	601.3	611.9	619.0	629.6	657.9	679.1	693.2	693.2
-75°	470.4	484.6	495.2	498.7	505.8	509.3	516.4	527.0	537.6	541.1	544.7
-77.5°	360.8	374.9	385.5	392.6	399.7	406.7	410.3	417.4	420.9	420.9	424.4
-80°	268.8	279.4	286.5	297.1	300.6	307.7	314.8	318.3	321.9	321.9	325.4
-82.5°	191.0	198.1	205.1	212.2	219.3	222.8	229.9	233.4	237.0	240.5	244.0
-85°	127.3	134.4	141.5	148.6	152.1	155.6	159.2	162.7	166.2	169.8	173.3
-87.5°	74.3	77.8	81.3	88.4	92.0	99.0	102.6	99.0	102.6	102.6	102.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	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°	137.9	137.9	137.9	137.9	134.4	127.3	123.8	116.7	109.6	102.6	95.5
85°	286.5	290.0	290.0	290.0	283.0	279.4	268.8	258.2	244.0	222.8	205.1
82.5°	477.5	481.0	481.0	477.5	470.4	459.8	445.7	428.0	399.7	371.4	346.6
80°	718.0	721.5	721.5	718.0	700.3	682.6	664.9	643.7	608.4	569.4	527.0
77.5°	1004.5	1011.6	1011.6	1000.9	976.2	955.0	926.7	891.3	838.3	781.7	725.1
75°	1337.0	1354.6	1358.2	1347.6	1315.7	1276.8	1230.8	1170.7	1089.4	1018.6	951.4
72.5°	1722.5	1740.2	1754.3	1740.2	1694.2	1641.1	1573.9	1503.2	1421.8	1326.3	1213.2
70°	2228.3	2245.9	2256.6	2210.6	2129.2	2040.8	1959.5	1878.1	1782.6	1665.9	1542.1
67.5°	2864.9	2847.2	2826.0	2734.0	2631.5	2525.4	2412.2	2291.9	2168.1	2044.3	1899.3
65°	3476.8	3427.3	3381.3	3271.7	3140.8	3002.8	2872.0	2737.6	2589.0	2433.4	2295.5
62.5°	4120.5	4014.4	3901.2	3766.8	3632.4	3480.3	3349.5	3190.3	3024.1	2833.1	2656.2
60°	4753.6	4626.3	4513.1	4346.9	4170.0	3964.9	3823.4	3667.8	3473.3	3268.1	3059.4
57.5°	5365.5	5227.6	5103.8	4958.8	4767.8	4544.9	4389.3	4187.7	3982.6	3724.4	3512.2
55°	6016.3	5878.4	5779.3	5616.6	5408.0	5202.8	5033.0	4820.8	4534.3	4258.5	3996.7
52.5°	6762.6	6653.0	6546.8	6380.6	6129.5	5920.8	5733.4	5496.4	5195.7	4856.2	4541.4
50°	7597.3	7540.7	7427.5	7233.0	6946.5	6762.6	6515.0	6200.2	5878.4	5521.1	5128.5
47.5°	8704.4	8612.4	8453.2	8241.0	8000.5	7724.6	7392.2	7024.3	6568.1	6171.9	5754.6
45°	10027.2	9857.4	9652.3	9365.8	9068.7	8757.4	8393.1	7926.2	7314.4	6798.0	6359.4
42.5°	11459.6	11229.7	10950.3	10575.4	10189.9	9807.9	9415.3	8778.6	8014.7	7420.5	6925.3
40°	12955.7	12662.2	12312.0	11767.3	11339.4	10847.7	10398.6	9447.1	8633.6	7989.9	7462.9
37.5°	14420.0	14048.7	13461.5	12800.1	12301.4	11898.2	10911.4	9892.8	9164.2	8456.8	7922.7
35°	15541.2	15226.5	14190.1	13504.0	13076.0	12439.4	11205.0	10161.6	9390.5	8803.4	7972.2
32.5°	16206.2	15392.7	14483.7	13790.5	13436.8	12393.4	11226.2	10239.4	9496.6	8838.8	7844.9
30°	16057.6	15074.4	14278.6	13698.5	12931.0	11993.7	11028.1	10119.1	9397.6	8601.8	7703.4
27.5°	15162.8	14402.4	13691.4	13086.6	12333.3	11491.5	10600.2	9800.8	9128.8	8357.7	7508.9
25°	14151.2	13461.5	12934.5	12407.5	11693.1	10890.2	10105.0	9528.5	8852.9	8092.5	7254.2
22.5°	13221.0	12725.8	12312.0	11760.3	11063.5	10363.2	9875.1	9277.3	8584.1	7813.1	6992.5
20°	12626.8	12290.8	11816.9	11208.5	10660.3	10221.7	9680.6	9047.4	8333.0	7526.6	6769.7
17.5°	12340.3	11951.3	11424.3	11028.1	10607.2	10126.2	9521.4	8849.4	8088.9	7395.7	6794.4
15°	12191.8	11781.5	11434.9	11045.8	10571.9	10066.1	9394.1	8697.3	8088.9	7448.8	6812.1
12.5°	12223.6	11869.9	11491.5	11067.0	10557.7	10016.6	9408.2	8761.0	8131.4	7487.7	6815.7
10°	12322.6	11951.3	11548.1	11077.6	10564.8	10030.7	9447.1	8799.9	8152.6	7505.4	6808.6
7.5°	12358.0	11954.8	11523.3	11049.3	10547.1	10023.6	9454.2	8810.5	8156.1	7501.8	6787.4
5°	12248.4	11884.1	11466.7	10989.2	10497.6	9988.3	9425.9	8796.3	8127.8	7466.4	6734.3
2.5°	12099.8	11806.2	11406.6	10946.8	10448.1	9938.8	9379.9	8732.7	8064.2	7402.8	6667.1
0°	12075.1	11710.8	11307.5	10897.3	10366.7	9829.1	9273.8	8612.4	7947.5	7282.5	6550.4
-2.5°	11912.4	11526.8	11123.6	10678.0	10211.1	9669.9	9086.4	8439.1	7781.2	7126.9	6423.1
-5°	11788.6	11360.6	10932.6	10451.6	9981.2	9440.0	8835.2	8205.7	7561.9	6925.3	6246.2
-7.5°	11622.3	11183.8	10734.6	10232.3	9723.0	9171.2	8573.5	7943.9	7310.8	6677.7	6026.9
-10°	11286.3	10900.8	10479.9	9960.0	9422.4	8870.6	8276.4	7657.4	7024.3	6384.1	5729.8
-12.5°	10879.6	10472.8	10013.0	9535.5	9054.5	8541.7	7947.5	7339.1	6702.5	6058.7	5408.0
-15°	10352.6	9952.9	9482.5	9015.6	8552.3	8060.6	7537.2	6989.0	6341.7	5708.6	5057.8
-17.5°	9694.7	9319.8	8898.9	8453.2	7993.4	7498.3	6989.0	6525.6	5920.8	5326.6	4682.9
-20°	8987.3	8637.2	8258.7	7837.8	7378.0	6893.5	6412.4	5927.9	5404.4	4881.0	4283.2



REPORT NUMBER: P721981  
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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°	8251.6	7897.9	7516.0	7123.4	6698.9	6249.7	5804.1	5340.8	4881.0	4407.0	3901.2
-25°	7402.8	7091.5	6741.4	6359.4	5980.9	5588.3	5163.9	4743.0	4350.4	3940.1	3526.3
-27.5°	6515.0	6228.5	5910.2	5577.7	5252.3	4923.4	4555.6	4166.5	3841.1	3501.6	3158.5
-30°	5581.3	5351.4	5093.2	4803.1	4552.0	4286.8	3979.0	3657.2	3360.1	3101.9	2826.0
-32.5°	4697.0	4502.5	4318.6	4127.6	3880.0	3674.9	3462.6	3225.7	2963.9	2719.9	2521.8
-35°	3936.6	3727.9	3650.1	3508.6	3331.8	3151.4	2995.8	2826.0	2627.9	2412.2	2249.5
-37.5°	3296.4	3172.6	3063.0	2985.2	2868.4	2723.4	2599.6	2475.8	2323.8	2161.1	1998.4
-40°	2797.7	2712.8	2592.6	2553.7	2479.4	2380.3	2253.0	2157.5	2055.0	1931.2	1793.2
-42.5°	2398.0	2334.4	2256.6	2189.4	2157.5	2086.8	1987.8	1895.8	1814.4	1729.6	1623.4
-45°	2069.1	2026.7	1977.1	1917.0	1892.3	1835.7	1764.9	1662.4	1616.4	1545.6	1467.8
-47.5°	1803.8	1782.6	1747.2	1708.3	1673.0	1630.5	1566.9	1503.2	1439.5	1393.5	1333.4
-50°	1595.2	1581.0	1559.8	1528.0	1482.0	1453.7	1411.2	1354.6	1294.5	1255.6	1213.2
-52.5°	1428.9	1414.8	1400.6	1375.9	1340.5	1312.2	1276.8	1230.8	1181.3	1142.4	1107.1
-55°	1301.6	1280.4	1269.8	1248.5	1220.2	1188.4	1156.6	1124.7	1082.3	1046.9	1011.6
-57.5°	1202.6	1174.3	1160.1	1142.4	1114.1	1082.3	1057.5	1025.7	997.4	958.5	926.7
-60°	1124.7	1092.9	1064.6	1046.9	1022.2	990.3	965.6	940.8	912.5	880.7	841.8
-62.5°	1061.1	1022.2	983.3	962.0	937.3	909.0	884.2	859.5	831.2	799.3	764.0
-65°	1000.9	955.0	905.5	884.2	859.5	831.2	799.3	781.7	756.9	728.6	693.2
-67.5°	926.7	877.2	834.7	810.0	785.2	760.4	732.1	714.5	689.7	654.3	619.0
-70°	817.0	785.2	756.9	735.7	714.5	693.2	664.9	636.6	608.4	576.5	544.7
-72.5°	679.1	668.5	664.9	654.3	629.6	604.8	576.5	548.2	523.5	498.7	473.9
-75°	548.2	555.3	562.4	558.8	534.1	509.3	484.6	459.8	442.1	420.9	399.7
-77.5°	435.0	442.1	449.2	449.2	431.5	417.4	399.7	382.0	367.8	350.2	328.9
-80°	336.0	346.6	357.2	364.3	350.2	339.5	325.4	311.2	297.1	283.0	268.8
-82.5°	254.7	265.3	275.9	283.0	272.3	265.3	254.7	244.0	233.4	219.3	208.7
-85°	183.9	191.0	198.1	201.6	194.5	187.5	180.4	173.3	166.2	155.6	148.6
-87.5°	106.1	109.6	113.2	116.7	109.6	102.6	99.0	92.0	88.4	81.3	77.8
-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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 CATALOG NUMBER: IFLD-L-SA7C-722-U-76

**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°	88.4	81.3	74.3	70.7	63.7	53.1	46.0	38.9	31.8	24.8	21.2
85°	187.5	169.8	148.6	137.9	123.8	109.6	95.5	81.3	67.2	53.1	38.9
82.5°	321.9	300.6	279.4	254.7	222.8	183.9	145.0	120.3	99.0	77.8	60.1
80°	484.6	445.7	410.3	378.5	343.1	293.6	240.5	191.0	134.4	102.6	77.8
77.5°	672.0	626.0	576.5	523.5	466.9	399.7	339.5	275.9	208.7	141.5	99.0
75°	884.2	824.1	756.9	682.6	608.4	519.9	435.0	360.8	283.0	198.1	120.3
72.5°	1121.2	1046.9	965.6	866.5	749.8	647.3	544.7	445.7	353.7	251.1	162.7
70°	1425.4	1308.7	1188.4	1082.3	933.7	771.0	650.8	537.6	420.9	307.7	205.1
67.5°	1750.8	1609.3	1464.3	1308.7	1121.2	930.2	756.9	629.6	491.6	360.8	244.0
65°	2104.5	1927.6	1743.7	1570.4	1312.2	1085.8	891.3	718.0	558.8	410.3	283.0
62.5°	2468.8	2260.1	2047.9	1821.5	1524.4	1245.0	1018.6	817.0	622.5	456.3	318.3
60°	2857.8	2613.8	2355.6	2072.6	1726.0	1418.3	1138.9	919.6	689.7	502.2	357.2
57.5°	3268.1	3002.8	2698.7	2316.7	1934.7	1584.5	1276.8	1011.6	749.8	544.7	385.5
55°	3713.8	3409.6	3077.1	2571.3	2139.8	1750.8	1414.8	1103.5	813.5	580.1	413.8
52.5°	4194.8	3841.1	3420.2	2840.1	2355.6	1920.5	1542.1	1184.9	873.6	619.0	438.6
50°	4732.4	4286.8	3720.8	3087.7	2543.0	2079.7	1669.4	1273.3	923.1	661.4	459.8
47.5°	5291.2	4810.2	3989.6	3317.6	2734.0	2235.3	1800.3	1351.1	972.7	696.8	481.0
45°	5874.8	5174.5	4269.1	3522.8	2900.3	2376.8	1899.3	1421.8	1032.8	728.6	498.7
42.5°	6451.3	5450.4	4513.1	3727.9	3055.9	2504.1	1980.7	1489.0	1082.3	760.4	516.4
40°	6723.7	5659.1	4707.6	3869.4	3186.8	2617.3	2051.4	1549.2	1124.7	781.7	534.1
37.5°	6836.9	5786.4	4835.0	4003.8	3289.3	2677.5	2111.5	1602.2	1160.1	802.9	548.2
35°	6861.6	5832.4	4898.6	4095.8	3374.2	2734.0	2157.5	1641.1	1188.4	824.1	562.4
32.5°	6815.7	5818.2	4916.3	4127.6	3427.3	2776.5	2189.4	1669.4	1209.6	845.3	576.5
30°	6713.1	5744.0	4852.7	4124.1	3466.2	2801.2	2210.6	1690.6	1230.8	859.5	583.6
27.5°	6546.8	5613.1	4771.3	4127.6	3487.4	2811.9	2221.2	1701.3	1245.0	870.1	597.7
25°	6341.7	5436.3	4774.8	4120.5	3490.9	2815.4	2221.2	1701.3	1248.5	873.6	608.4
22.5°	6104.7	5436.3	4774.8	4109.9	3469.7	2808.3	2210.6	1694.2	1248.5	880.7	619.0
20°	6118.9	5439.8	4764.2	4088.7	3437.9	2787.1	2185.8	1676.5	1237.9	891.3	626.0
17.5°	6129.5	5432.7	4743.0	4060.4	3395.4	2751.7	2154.0	1651.7	1237.9	901.9	629.6
15°	6129.5	5411.5	4711.2	4017.9	3342.4	2702.2	2108.0	1630.5	1241.5	905.5	636.6
12.5°	6118.9	5372.6	4661.7	3961.4	3278.7	2642.1	2079.7	1623.4	1241.5	909.0	636.6
10°	6097.7	5319.5	4598.0	3890.6	3218.6	2620.9	2065.6	1609.3	1234.4	909.0	636.6
7.5°	6058.7	5255.9	4544.9	3848.2	3183.2	2596.1	2044.3	1588.1	1223.8	901.9	643.7
5°	5998.6	5220.5	4502.5	3798.7	3133.7	2578.4	2030.2	1570.4	1216.7	901.9	636.6
2.5°	5920.8	5178.1	4453.0	3735.0	3077.1	2518.3	1984.2	1531.5	1191.9	887.8	629.6
0°	5793.5	5093.2	4368.1	3646.6	2999.3	2458.2	1938.2	1492.6	1167.2	873.6	622.5
-2.5°	5676.8	4980.0	4258.5	3554.6	2925.0	2405.1	1902.9	1471.4	1156.6	870.1	619.0
-5°	5514.1	4824.4	4113.4	3434.4	2826.0	2352.1	1867.5	1446.6	1146.0	863.0	619.0
-7.5°	5333.7	4661.7	3961.4	3310.6	2727.0	2260.1	1800.3	1407.7	1121.2	848.9	615.4
-10°	5054.3	4417.6	3770.4	3169.1	2620.9	2178.7	1743.7	1372.3	1100.0	834.7	601.3
-12.5°	4757.2	4148.8	3551.1	2995.8	2500.6	2093.9	1680.0	1333.4	1075.2	820.6	594.2
-15°	4442.4	3872.9	3321.2	2815.4	2369.7	1991.3	1612.8	1291.0	1050.5	802.9	583.6
-17.5°	4113.4	3582.9	3084.2	2631.5	2238.9	1885.2	1542.1	1252.1	1022.2	785.2	573.0
-20°	3766.8	3285.8	2843.7	2444.0	2100.9	1779.1	1467.8	1206.1	990.3	764.0	558.8



REPORT NUMBER: P721981  
 CATALOG NUMBER: IFLD-L-SA7C-722-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3423.7	2992.2	2596.1	2260.1	1959.5	1669.4	1393.5	1160.1	955.0	739.2	548.2
-25°	3119.6	2716.4	2376.8	2083.2	1821.5	1563.3	1315.7	1114.1	916.1	714.5	534.1
-27.5°	2822.5	2479.4	2161.1	1917.0	1687.1	1460.7	1241.5	1064.6	877.2	686.2	519.9
-30°	2546.6	2253.0	1991.3	1754.3	1559.8	1368.8	1177.8	1015.1	834.7	657.9	502.2
-32.5°	2295.5	2058.5	1839.2	1612.8	1439.5	1276.8	1117.7	965.6	792.3	629.6	484.6
-35°	2062.0	1878.1	1687.1	1496.1	1319.3	1191.9	1054.0	912.5	753.4	597.7	466.9
-37.5°	1853.3	1704.8	1552.7	1390.0	1237.9	1110.6	993.9	859.5	714.5	569.4	449.2
-40°	1673.0	1552.7	1418.3	1287.4	1160.1	1039.9	933.7	806.4	675.6	548.2	431.5
-42.5°	1506.7	1414.8	1305.1	1195.5	1082.3	976.2	873.6	749.8	636.6	523.5	413.8
-45°	1379.4	1287.4	1199.0	1100.0	1004.5	912.5	810.0	700.3	601.3	495.2	396.1
-47.5°	1259.1	1177.8	1096.4	1015.1	937.3	852.4	749.8	657.9	562.4	470.4	382.0
-50°	1153.0	1075.2	1004.5	933.7	866.5	785.2	689.7	615.4	530.5	445.7	364.3
-52.5°	1054.0	986.8	916.1	859.5	802.9	721.5	643.7	573.0	498.7	417.4	346.6
-55°	965.6	901.9	838.3	785.2	732.1	661.4	597.7	537.6	466.9	396.1	328.9
-57.5°	880.7	827.6	767.5	718.0	664.9	608.4	555.3	498.7	435.0	374.9	311.2
-60°	802.9	753.4	700.3	650.8	604.8	558.8	509.3	463.3	406.7	350.2	293.6
-62.5°	725.1	682.6	636.6	587.1	551.8	509.3	470.4	424.4	378.5	328.9	261.7
-65°	654.3	615.4	573.0	530.5	498.7	466.9	431.5	389.1	350.2	304.2	233.4
-67.5°	583.6	548.2	512.9	477.5	449.2	424.4	389.1	357.2	325.4	275.9	205.1
-70°	516.4	488.1	456.3	428.0	406.7	378.5	353.7	325.4	297.1	240.5	173.3
-72.5°	452.7	424.4	399.7	378.5	360.8	336.0	314.8	293.6	254.7	201.6	145.0
-75°	378.5	360.8	346.6	328.9	311.2	293.6	275.9	251.1	212.2	162.7	113.2
-77.5°	311.2	300.6	290.0	275.9	261.7	247.6	226.4	201.6	169.8	127.3	92.0
-80°	254.7	244.0	237.0	222.8	212.2	198.1	176.8	155.6	123.8	99.0	74.3
-82.5°	194.5	187.5	180.4	173.3	162.7	148.6	127.3	109.6	92.0	74.3	56.6
-85°	137.9	134.4	127.3	120.3	109.6	99.0	84.9	74.3	63.7	49.5	38.9
-87.5°	70.7	67.2	63.7	60.1	56.6	49.5	42.4	35.4	31.8	24.8	17.7
-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°	14.1	10.6	3.5	0.0
85°	28.3	17.7	7.1	0.0
82.5°	42.4	28.3	10.6	0.0
80°	56.6	35.4	17.7	0.0
77.5°	70.7	42.4	21.2	0.0
75°	84.9	53.1	24.8	0.0
72.5°	95.5	60.1	28.3	0.0
70°	113.2	70.7	31.8	0.0
67.5°	141.5	77.8	35.4	0.0
65°	166.2	84.9	38.9	0.0
62.5°	194.5	92.0	42.4	0.0
60°	219.3	99.0	46.0	0.0
57.5°	244.0	116.7	49.5	0.0
55°	265.3	130.9	53.1	0.0
52.5°	290.0	145.0	56.6	0.0
50°	311.2	159.2	60.1	0.0
47.5°	328.9	173.3	60.1	0.0
45°	343.1	183.9	63.7	0.0
42.5°	353.7	194.5	67.2	0.0
40°	364.3	205.1	70.7	0.0
37.5°	374.9	215.8	70.7	0.0
35°	385.5	226.4	74.3	0.0
32.5°	396.1	237.0	74.3	0.0
30°	403.2	244.0	77.8	0.0
27.5°	413.8	251.1	77.8	0.0
25°	417.4	258.2	81.3	0.0
22.5°	424.4	261.7	81.3	0.0
20°	431.5	268.8	81.3	0.0
17.5°	435.0	272.3	84.9	0.0
15°	435.0	275.9	88.4	0.0
12.5°	438.6	279.4	88.4	0.0
10°	438.6	286.5	84.9	0.0
7.5°	445.7	283.0	84.9	0.0
5°	442.1	283.0	84.9	0.0
2.5°	438.6	279.4	84.9	0.0
0°	435.0	279.4	84.9	0.0
-2.5°	435.0	279.4	84.9	0.0
-5°	435.0	279.4	84.9	0.0
-7.5°	431.5	283.0	84.9	0.0
-10°	424.4	283.0	84.9	0.0
-12.5°	420.9	272.3	84.9	0.0
-15°	417.4	268.8	84.9	0.0
-17.5°	410.3	265.3	81.3	0.0
-20°	403.2	261.7	81.3	0.0



REPORT NUMBER: P721981

CATALOG NUMBER: IFLD-L-SA7C-722-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	396.1	254.7	81.3	0.0
-25°	389.1	247.6	77.8	0.0
-27.5°	382.0	240.5	77.8	0.0
-30°	371.4	233.4	74.3	0.0
-32.5°	360.8	226.4	74.3	0.0
-35°	353.7	215.8	70.7	0.0
-37.5°	343.1	205.1	70.7	0.0
-40°	332.5	194.5	67.2	0.0
-42.5°	321.9	183.9	63.7	0.0
-45°	307.7	173.3	63.7	0.0
-47.5°	297.1	162.7	60.1	0.0
-50°	279.4	148.6	56.6	0.0
-52.5°	258.2	134.4	53.1	0.0
-55°	237.0	123.8	49.5	0.0
-57.5°	215.8	109.6	49.5	0.0
-60°	194.5	95.5	46.0	0.0
-62.5°	173.3	88.4	42.4	0.0
-65°	152.1	81.3	38.9	0.0
-67.5°	127.3	70.7	35.4	0.0
-70°	106.1	63.7	31.8	0.0
-72.5°	92.0	56.6	28.3	0.0
-75°	77.8	49.5	24.8	0.0
-77.5°	67.2	42.4	21.2	0.0
-80°	53.1	31.8	14.1	0.0
-82.5°	38.9	24.8	10.6	0.0
-85°	24.8	17.7	7.1	0.0
-87.5°	14.1	7.1	3.5	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)