

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: P722184

Luminaire Tested: **IFLD-L-SA7C-827-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722184
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7C-827-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (112) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

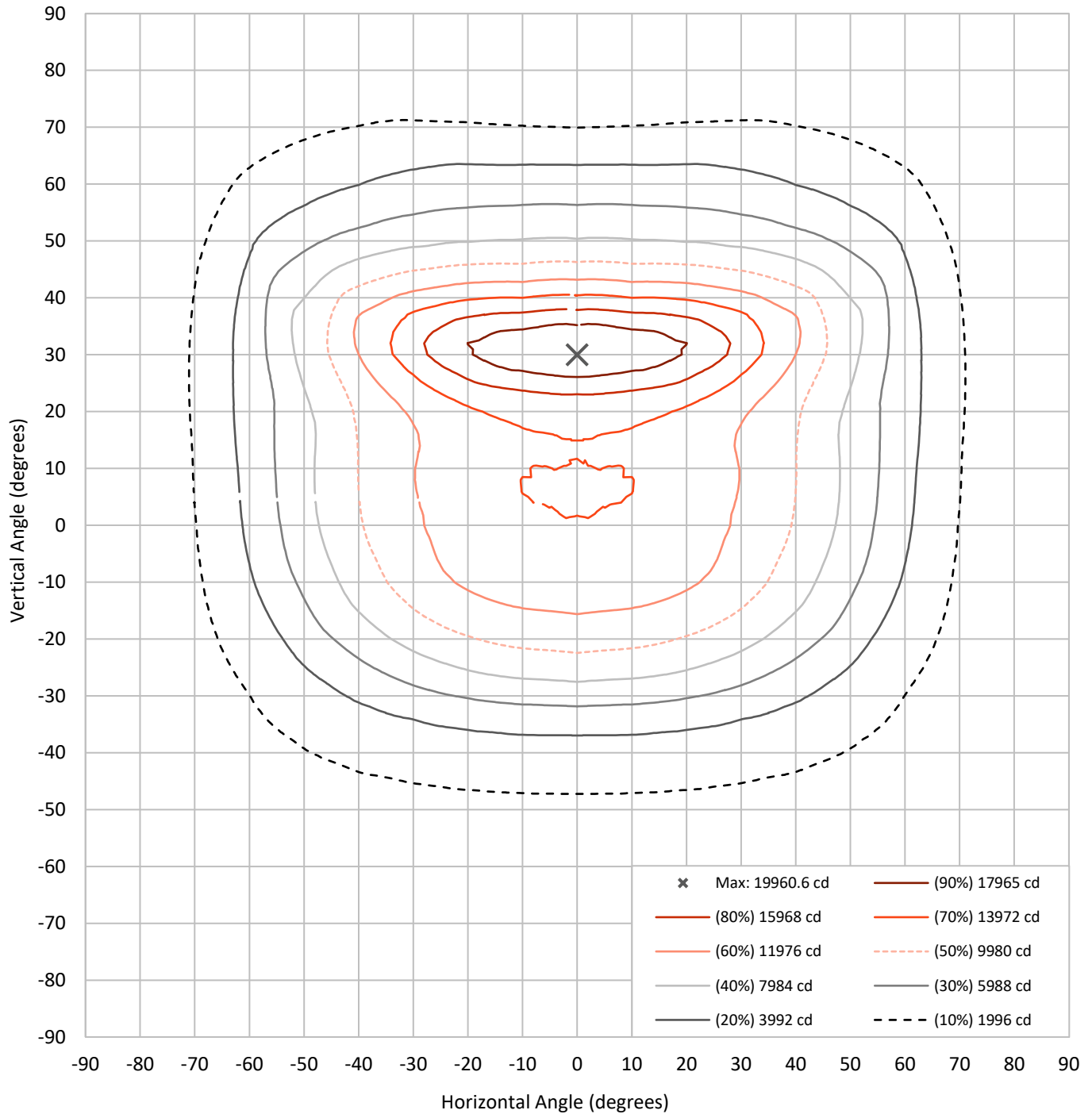
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	33319.2 lumens	Max Intensity:	19960.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	90.3 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	19375.5 lumens	Field Lumens:	31224.4 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



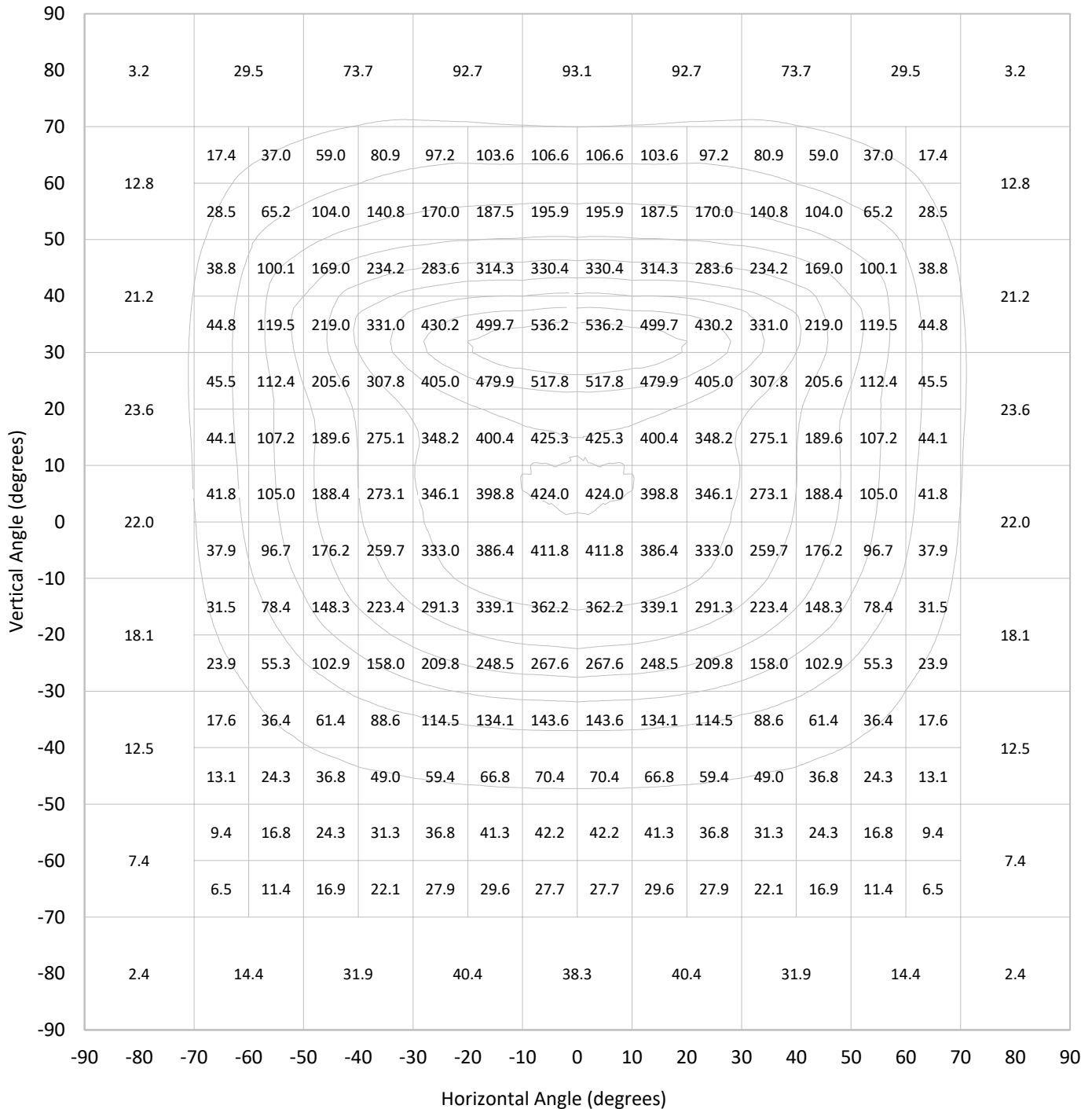
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Iso-Candela Plot



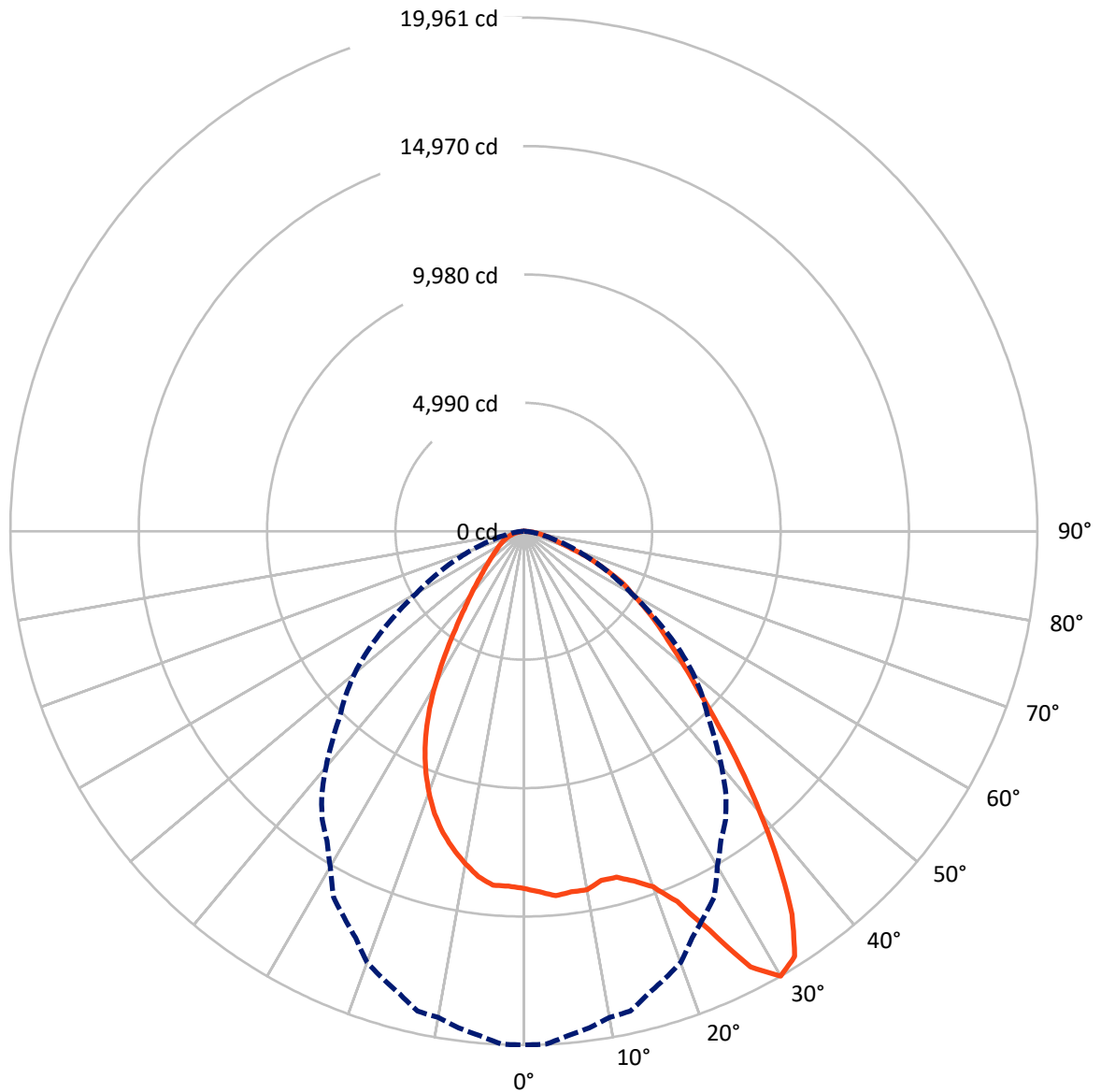
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Lumen Table



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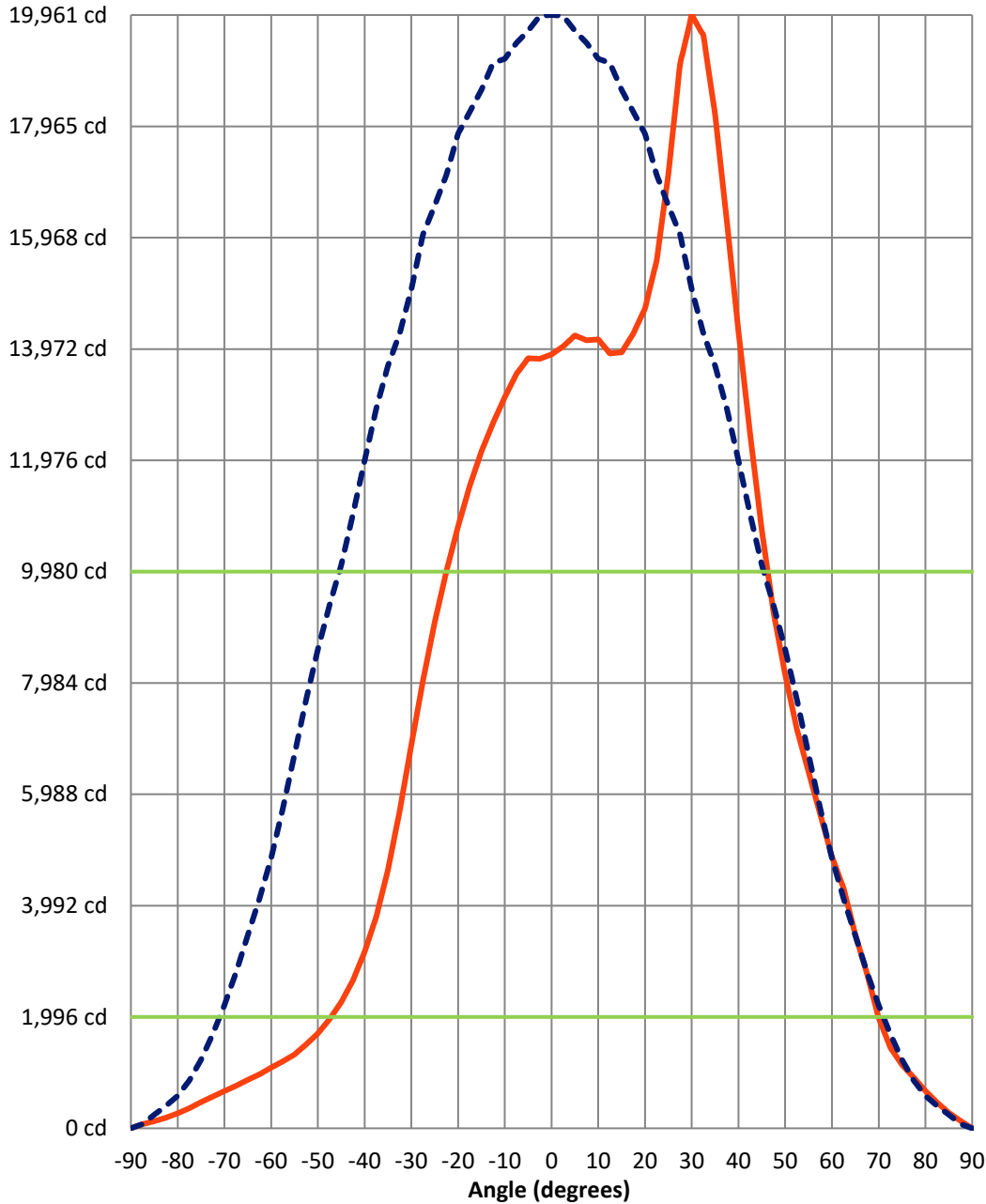
Luminous Intensity Polar Plot



— 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: 19375.5
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 31224.4
 Efficiency: 93.7%

Spill:
 Lumens: 2094.8
 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°	134.1	137.7	141.2	141.2	137.7	137.7	137.7	134.1	137.7	137.7	137.7
85°	278.8	285.9	293.0	289.4	285.9	278.8	271.8	275.3	278.8	282.4	282.4
82.5°	462.4	473.0	480.0	476.5	469.5	462.4	455.3	458.9	465.9	469.5	469.5
80°	670.6	674.2	677.7	684.8	674.2	674.2	670.6	684.8	691.8	698.9	705.9
77.5°	910.7	914.2	914.2	917.7	921.3	924.8	924.8	949.5	967.1	977.7	988.3
75°	1136.6	1147.2	1157.7	1168.3	1182.5	1189.5	1200.1	1235.4	1263.6	1284.8	1306.0
72.5°	1447.2	1461.3	1479.0	1503.7	1528.4	1546.0	1570.7	1613.1	1644.8	1666.0	1690.7
70°	1980.2	1994.3	2011.9	2029.6	2054.3	2071.9	2096.7	2149.6	2181.4	2195.5	2209.6
67.5°	2770.8	2806.1	2837.9	2802.6	2784.9	2760.2	2767.3	2816.7	2848.5	2869.7	2866.1
65°	3473.2	3498.0	3498.0	3494.4	3480.3	3448.5	3466.2	3526.2	3561.5	3579.1	3526.2
62.5°	4299.2	4299.2	4281.6	4309.8	4313.3	4292.1	4281.6	4285.1	4288.6	4299.2	4211.0
60°	4871.0	4906.3	4916.9	4941.6	4948.7	4948.7	4966.3	4980.4	4980.4	4959.3	4856.9
57.5°	5626.4	5693.4	5707.6	5689.9	5654.6	5608.7	5601.7	5580.5	5538.1	5495.8	5446.4
55°	6388.8	6424.1	6420.6	6410.0	6374.7	6321.7	6328.8	6300.6	6233.5	6180.5	6113.5
52.5°	7154.7	7239.5	7253.6	7232.4	7183.0	7126.5	7130.0	7098.3	7031.2	6974.7	6883.0
50°	8132.5	8203.1	8196.0	8160.7	8090.1	8047.8	8051.3	7991.3	7913.6	7896.0	7776.0
47.5°	9251.4	9332.6	9318.5	9269.0	9173.7	9156.1	9173.7	9096.1	9050.2	9011.4	8870.2
45°	10719.8	10815.1	10762.1	10666.8	10515.0	10532.7	10557.4	10543.3	10444.4	10342.1	10162.1
42.5°	12442.3	12502.3	12438.7	12343.4	12152.8	12188.1	12174.0	12089.3	12029.3	11859.9	11630.4
40°	14284.8	14415.4	14316.5	14168.3	13970.6	14023.6	13984.8	13875.3	13734.1	13522.4	13232.9
37.5°	16272.0	16374.4	16261.4	16088.5	15912.0	15894.3	15816.7	15647.3	15446.1	15213.1	14750.7
35°	18174.5	18439.3	18231.0	17955.7	17740.4	17659.2	17585.1	17193.3	16963.8	16586.2	15954.3
32.5°	19589.9	19784.1	19526.4	19240.5	18979.3	18866.4	18605.2	18139.2	18015.7	17221.5	16642.6
30°	19960.6	19946.5	19678.2	19459.3	19177.0	19099.3	18619.3	18223.9	17828.6	17094.4	16543.8
27.5°	19078.1	18989.9	18732.2	18541.6	18262.8	18171.0	17698.0	17486.2	16875.6	16254.4	15788.4
25°	17112.1	17158.0	16963.8	16868.5	16685.0	16487.3	16300.2	16014.3	15633.1	15089.6	14662.5
22.5°	15562.5	15622.5	15541.4	15428.4	15287.2	15177.8	15036.6	14814.2	14447.1	14111.8	13709.4
20°	14701.3	14683.6	14613.0	14528.3	14394.2	14316.5	14161.2	13974.2	13691.8	13402.3	12968.2
17.5°	14249.5	14140.1	14073.0	14041.2	13970.6	13871.8	13688.3	13497.7	13278.8	12950.5	12632.9
15°	13914.2	13931.8	13878.9	13854.2	13797.7	13660.0	13472.9	13317.6	13021.1	12855.2	12565.8
12.5°	13893.0	13875.3	13878.9	13868.3	13797.7	13621.2	13525.9	13328.2	13137.6	12918.8	12587.0
10°	14143.6	13956.5	13970.6	14020.1	13907.1	13765.9	13663.5	13448.2	13268.2	12989.4	12661.1
7.5°	14129.5	14034.2	14062.4	13981.2	14016.5	13843.6	13702.4	13487.1	13261.2	12964.7	12668.2
5°	14214.2	14069.5	14044.8	14051.8	13963.6	13833.0	13642.4	13437.6	13225.9	12894.1	12590.5
2.5°	14020.1	14041.2	13928.3	13885.9	13875.3	13656.5	13480.0	13282.3	13063.5	12770.5	12498.7
0°	13875.3	13914.2	13797.7	13737.7	13734.1	13547.1	13434.1	13208.2	13052.9	12809.4	12481.1
-2.5°	13797.7	13843.6	13857.7	13748.3	13642.4	13497.7	13307.0	13063.5	12809.4	12527.0	12244.6
-5°	13804.7	13713.0	13674.1	13709.4	13617.7	13472.9	13261.2	13045.8	12795.2	12491.7	12138.7
-7.5°	13525.9	13434.1	13427.1	13409.4	13388.2	13250.6	13074.1	12841.1	12587.0	12304.6	11976.3
-10°	13109.4	13042.3	13024.7	13007.0	12950.5	12869.4	12703.5	12491.7	12262.2	11979.9	11630.4
-12.5°	12647.0	12615.2	12548.2	12502.3	12445.8	12350.5	12191.7	11997.5	11768.1	11517.5	11217.5
-15°	12135.2	12075.2	12008.1	11969.3	11888.1	11775.1	11616.3	11436.3	11185.7	10938.6	10656.2
-17.5°	11517.5	11443.4	11369.2	11358.6	11302.2	11129.2	10981.0	10762.1	10543.3	10306.8	10031.5
-20°	10790.4	10688.0	10638.6	10610.3	10532.7	10405.6	10246.8	10045.6	9833.8	9607.9	9290.2



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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°	9985.6	9897.3	9812.6	9759.7	9692.6	9593.8	9442.0	9265.5	9057.3	8803.1	8510.2
-25°	9071.4	8947.8	8894.9	8834.9	8799.6	8707.8	8559.6	8397.2	8181.9	7934.8	7656.0
-27.5°	8026.6	7927.8	7899.5	7814.8	7772.4	7677.1	7553.6	7401.8	7204.2	6971.2	6741.8
-30°	6872.4	6812.4	6766.5	6681.8	6650.0	6547.6	6466.4	6339.4	6159.4	5993.5	5809.9
-32.5°	5686.4	5626.4	5612.3	5573.4	5552.3	5485.2	5393.4	5301.6	5156.9	5033.4	4885.1
-35°	4634.5	4592.2	4595.7	4592.2	4571.0	4521.6	4408.6	4383.9	4278.0	4165.1	4069.8
-37.5°	3794.4	3798.0	3794.4	3790.9	3762.7	3741.5	3660.3	3628.6	3565.0	3455.6	3399.1
-40°	3162.6	3169.7	3166.2	3159.1	3127.3	3116.7	3063.8	3021.4	2996.7	2919.1	2859.1
-42.5°	2650.8	2661.4	2657.9	2654.3	2633.2	2629.6	2601.4	2552.0	2537.9	2492.0	2428.4
-45°	2262.6	2259.0	2252.0	2259.0	2248.4	2237.8	2220.2	2188.4	2170.8	2149.6	2096.7
-47.5°	1955.5	1959.0	1951.9	1951.9	1937.8	1927.2	1920.2	1899.0	1884.9	1867.2	1835.5
-50°	1701.3	1715.4	1711.9	1708.4	1697.8	1690.7	1690.7	1669.6	1648.4	1641.3	1620.1
-52.5°	1503.7	1514.3	1517.8	1524.8	1528.4	1531.9	1521.3	1500.1	1464.8	1461.3	1450.7
-55°	1323.6	1355.4	1376.6	1390.7	1404.8	1415.4	1394.2	1366.0	1330.7	1316.6	1313.1
-57.5°	1200.1	1231.9	1256.6	1277.8	1295.4	1313.1	1291.9	1263.6	1231.9	1214.2	1210.7
-60°	1087.2	1115.4	1140.1	1168.3	1193.0	1221.3	1210.7	1189.5	1171.9	1157.7	1143.6
-62.5°	967.1	995.4	1023.6	1058.9	1090.7	1118.9	1122.5	1118.9	1115.4	1118.9	1094.2
-65°	868.3	882.4	900.1	938.9	974.2	1006.0	1023.6	1034.2	1051.9	1069.5	1044.8
-67.5°	762.4	780.1	801.2	829.5	857.7	878.9	903.6	931.8	960.1	988.3	970.7
-70°	667.1	681.2	698.9	713.0	730.7	744.8	765.9	797.7	829.5	857.7	850.7
-72.5°	568.3	582.4	593.0	600.1	610.6	617.7	628.3	656.5	677.7	691.8	691.8
-75°	469.5	483.6	494.2	497.7	504.8	508.3	515.3	525.9	536.5	540.0	543.6
-77.5°	360.0	374.2	384.7	391.8	398.9	405.9	409.4	416.5	420.0	420.0	423.6
-80°	268.3	278.8	285.9	296.5	300.0	307.1	314.1	317.7	321.2	321.2	324.7
-82.5°	190.6	197.7	204.7	211.8	218.8	222.4	229.4	233.0	236.5	240.0	243.6
-85°	127.1	134.1	141.2	148.2	151.8	155.3	158.8	162.4	165.9	169.4	173.0
-87.5°	74.1	77.7	81.2	88.2	91.8	98.8	102.4	98.8	102.4	102.4	102.4
-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°	137.7	137.7	137.7	137.7	134.1	127.1	123.5	116.5	109.4	102.4	95.3
85°	285.9	289.4	289.4	289.4	282.4	278.8	268.3	257.7	243.6	222.4	204.7
82.5°	476.5	480.0	480.0	476.5	469.5	458.9	444.7	427.1	398.9	370.6	345.9
80°	716.5	720.1	720.1	716.5	698.9	681.2	663.6	642.4	607.1	568.3	525.9
77.5°	1002.4	1009.5	1009.5	998.9	974.2	953.0	924.8	889.5	836.5	780.1	723.6
75°	1334.2	1351.9	1355.4	1344.8	1313.1	1274.2	1228.3	1168.3	1087.2	1016.6	949.5
72.5°	1719.0	1736.6	1750.7	1736.6	1690.7	1637.8	1570.7	1500.1	1418.9	1323.6	1210.7
70°	2223.7	2241.4	2252.0	2206.1	2124.9	2036.6	1955.5	1874.3	1779.0	1662.5	1539.0
67.5°	2859.1	2841.4	2820.2	2728.5	2626.1	2520.2	2407.3	2287.3	2163.7	2040.2	1895.5
65°	3469.7	3420.3	3374.4	3265.0	3134.4	2996.7	2866.1	2732.0	2583.8	2428.4	2290.8
62.5°	4112.1	4006.2	3893.3	3759.2	3625.0	3473.2	3342.6	3183.8	3017.9	2827.3	2650.8
60°	4743.9	4616.9	4503.9	4338.0	4161.5	3956.8	3815.6	3660.3	3466.2	3261.5	3053.2
57.5°	5354.6	5216.9	5093.4	4948.7	4758.1	4535.7	4380.4	4179.2	3974.5	3716.8	3505.0
55°	6004.1	5866.4	5767.6	5605.2	5396.9	5192.2	5022.8	4811.0	4525.1	4249.8	3988.6
52.5°	6748.8	6639.4	6533.5	6367.6	6117.0	5908.8	5721.7	5485.2	5185.2	4846.3	4532.2
50°	7581.8	7525.4	7412.4	7218.3	6932.4	6748.8	6501.7	6187.6	5866.4	5509.9	5118.1
47.5°	8686.6	8594.9	8436.0	8224.2	7984.2	7708.9	7377.1	7010.0	6554.7	6159.4	5742.9
45°	10006.8	9837.3	9632.6	9346.7	9050.2	8739.6	8376.0	7910.1	7299.5	6784.1	6346.4
42.5°	11436.3	11206.9	10928.0	10553.9	10169.1	9787.9	9396.1	8760.8	7998.3	7405.4	6911.2
40°	12929.4	12636.4	12287.0	11743.4	11316.3	10825.7	10377.4	9427.9	8616.0	7973.6	7447.7
37.5°	14390.7	14020.1	13434.1	12774.1	12276.4	11874.0	10889.2	9872.6	9145.5	8439.6	7906.6
35°	15509.6	15195.4	14161.2	13476.5	13049.4	12414.0	11182.2	10140.9	9371.4	8785.5	7956.0
32.5°	16173.2	15361.3	14454.2	13762.4	13409.4	12368.1	11203.3	10218.5	9477.3	8820.8	7828.9
30°	16024.9	15043.7	14249.5	13670.6	12904.7	11969.3	11005.7	10098.5	9378.5	8584.3	7687.7
27.5°	15131.9	14373.0	13663.5	13060.0	12308.1	11468.1	10578.6	9780.9	9110.2	8340.7	7493.6
25°	14122.4	13434.1	12908.2	12382.3	11669.3	10868.0	10084.4	9509.1	8834.9	8076.0	7239.5
22.5°	13194.1	12699.9	12287.0	11736.3	11041.0	10342.1	9855.0	9258.5	8566.6	7797.2	6978.3
20°	12601.1	12265.8	11792.8	11185.7	10638.6	10200.9	9660.8	9029.0	8316.0	7511.2	6755.9
17.5°	12315.2	11926.9	11401.0	11005.7	10585.6	10105.6	9502.0	8831.4	8072.5	7380.6	6780.6
15°	12166.9	11757.5	11411.6	11023.3	10550.3	10045.6	9374.9	8679.6	8072.5	7433.6	6798.2
12.5°	12198.7	11845.7	11468.1	11044.5	10536.2	9996.2	9389.1	8743.1	8114.8	7472.4	6801.8
10°	12297.5	11926.9	11524.5	11055.1	10543.3	10010.3	9427.9	8781.9	8136.0	7490.1	6794.7
7.5°	12332.8	11930.5	11499.8	11026.8	10525.6	10003.2	9434.9	8792.5	8139.5	7486.5	6773.5
5°	12223.4	11859.9	11443.4	10966.8	10476.2	9967.9	9406.7	8778.4	8111.3	7451.2	6720.6
2.5°	12075.2	11782.2	11383.3	10924.5	10426.8	9918.5	9360.8	8714.9	8047.8	7387.7	6653.5
0°	12050.5	11686.9	11284.5	10875.1	10345.6	9809.1	9254.9	8594.9	7931.3	7267.7	6537.0
-2.5°	11888.1	11503.4	11101.0	10656.2	10190.3	9650.3	9067.9	8421.9	7765.4	7112.4	6410.0
-5°	11764.6	11337.5	10910.4	10430.3	9960.9	9420.8	8817.2	8189.0	7546.5	6911.2	6233.5
-7.5°	11598.7	11161.0	10712.7	10211.5	9703.2	9152.6	8556.0	7927.8	7295.9	6664.1	6014.6
-10°	11263.3	10878.6	10458.6	9939.7	9403.2	8852.5	8259.5	7641.8	7010.0	6371.1	5718.1
-12.5°	10857.4	10451.5	9992.6	9516.1	9036.1	8524.3	7931.3	7324.2	6688.8	6046.4	5396.9
-15°	10331.5	9932.6	9463.2	8997.3	8534.9	8044.2	7521.8	6974.7	6328.8	5697.0	5047.5
-17.5°	9675.0	9300.8	8880.8	8436.0	7977.2	7483.0	6974.7	6512.3	5908.8	5315.8	4673.4
-20°	8969.0	8619.6	8241.9	7821.9	7363.0	6879.4	6399.4	5915.8	5393.4	4871.0	4274.5



REPORT NUMBER: P722184
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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°	8234.8	7881.9	7500.7	7108.9	6685.3	6237.0	5792.3	5329.9	4871.0	4398.0	3893.3
-25°	7387.7	7077.1	6727.6	6346.4	5968.8	5577.0	5153.4	4733.4	4341.6	3932.1	3519.1
-27.5°	6501.7	6215.8	5898.2	5566.4	5241.6	4913.4	4546.3	4158.0	3833.3	3494.4	3152.0
-30°	5569.9	5340.5	5082.8	4793.4	4542.8	4278.0	3970.9	3649.7	3353.2	3095.6	2820.2
-32.5°	4687.5	4493.3	4309.8	4119.2	3872.1	3667.4	3455.6	3219.1	2957.9	2714.4	2516.7
-35°	3928.6	3720.3	3642.7	3501.5	3325.0	3145.0	2989.7	2820.2	2622.6	2407.3	2244.9
-37.5°	3289.7	3166.2	3056.7	2979.1	2862.6	2717.9	2594.3	2470.8	2319.0	2156.7	1994.3
-40°	2792.0	2707.3	2587.3	2548.5	2474.3	2375.5	2248.4	2153.1	2050.8	1927.2	1789.6
-42.5°	2393.2	2329.6	2252.0	2184.9	2153.1	2082.5	1983.7	1891.9	1810.7	1726.0	1620.1
-45°	2064.9	2022.5	1973.1	1913.1	1888.4	1831.9	1761.3	1659.0	1613.1	1542.5	1464.8
-47.5°	1800.2	1779.0	1743.7	1704.9	1669.6	1627.2	1563.7	1500.1	1436.6	1390.7	1330.7
-50°	1591.9	1577.8	1556.6	1524.8	1479.0	1450.7	1408.4	1351.9	1291.9	1253.1	1210.7
-52.5°	1426.0	1411.9	1397.8	1373.1	1337.8	1309.5	1274.2	1228.3	1178.9	1140.1	1104.8
-55°	1298.9	1277.8	1267.2	1246.0	1217.8	1186.0	1154.2	1122.5	1080.1	1044.8	1009.5
-57.5°	1200.1	1171.9	1157.7	1140.1	1111.9	1080.1	1055.4	1023.6	995.4	956.6	924.8
-60°	1122.5	1090.7	1062.4	1044.8	1020.1	988.3	963.6	938.9	910.7	878.9	840.1
-62.5°	1058.9	1020.1	981.3	960.1	935.4	907.1	882.4	857.7	829.5	797.7	762.4
-65°	998.9	953.0	903.6	882.4	857.7	829.5	797.7	780.1	755.4	727.1	691.8
-67.5°	924.8	875.4	833.0	808.3	783.6	758.9	730.7	713.0	688.3	653.0	617.7
-70°	815.4	783.6	755.4	734.2	713.0	691.8	663.6	635.3	607.1	575.3	543.6
-72.5°	677.7	667.1	663.6	653.0	628.3	603.6	575.3	547.1	522.4	497.7	473.0
-75°	547.1	554.2	561.2	557.7	533.0	508.3	483.6	458.9	441.2	420.0	398.9
-77.5°	434.2	441.2	448.3	448.3	430.6	416.5	398.9	381.2	367.1	349.4	328.3
-80°	335.3	345.9	356.5	363.6	349.4	338.9	324.7	310.6	296.5	282.4	268.3
-82.5°	254.1	264.7	275.3	282.4	271.8	264.7	254.1	243.6	233.0	218.8	208.3
-85°	183.5	190.6	197.7	201.2	194.1	187.1	180.0	173.0	165.9	155.3	148.2
-87.5°	105.9	109.4	113.0	116.5	109.4	102.4	98.8	91.8	88.2	81.2	77.7
-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):

	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°	88.2	81.2	74.1	70.6	63.5	52.9	45.9	38.8	31.8	24.7	21.2
85°	187.1	169.4	148.2	137.7	123.5	109.4	95.3	81.2	67.1	52.9	38.8
82.5°	321.2	300.0	278.8	254.1	222.4	183.5	144.7	120.0	98.8	77.7	60.0
80°	483.6	444.7	409.4	377.7	342.4	293.0	240.0	190.6	134.1	102.4	77.7
77.5°	670.6	624.8	575.3	522.4	465.9	398.9	338.9	275.3	208.3	141.2	98.8
75°	882.4	822.4	755.4	681.2	607.1	518.9	434.2	360.0	282.4	197.7	120.0
72.5°	1118.9	1044.8	963.6	864.8	748.3	645.9	543.6	444.7	353.0	250.6	162.4
70°	1422.5	1306.0	1186.0	1080.1	931.8	769.5	649.5	536.5	420.0	307.1	204.7
67.5°	1747.2	1606.0	1461.3	1306.0	1118.9	928.3	755.4	628.3	490.6	360.0	243.6
65°	2100.2	1923.7	1740.2	1567.2	1309.5	1083.6	889.5	716.5	557.7	409.4	282.4
62.5°	2463.7	2255.5	2043.7	1817.8	1521.3	1242.5	1016.6	815.4	621.2	455.3	317.7
60°	2852.0	2608.5	2350.8	2068.4	1722.5	1415.4	1136.6	917.7	688.3	501.2	356.5
57.5°	3261.5	2996.7	2693.2	2312.0	1930.8	1581.3	1274.2	1009.5	748.3	543.6	384.7
55°	3706.2	3402.7	3070.9	2566.1	2135.5	1747.2	1411.9	1101.3	811.8	578.9	413.0
52.5°	4186.2	3833.3	3413.2	2834.4	2350.8	1916.6	1539.0	1182.5	871.8	617.7	437.7
50°	4722.8	4278.0	3713.3	3081.4	2537.9	2075.5	1666.0	1270.7	921.3	660.1	458.9
47.5°	5280.5	4800.4	3981.5	3310.9	2728.5	2230.8	1796.6	1348.4	970.7	695.4	480.0
45°	5862.9	5164.0	4260.4	3515.6	2894.4	2372.0	1895.5	1418.9	1030.7	727.1	497.7
42.5°	6438.2	5439.3	4503.9	3720.3	3049.7	2499.0	1976.6	1486.0	1080.1	758.9	515.3
40°	6710.0	5647.6	4698.1	3861.5	3180.3	2612.0	2047.2	1546.0	1122.5	780.1	533.0
37.5°	6822.9	5774.6	4825.1	3995.6	3282.6	2672.0	2107.2	1599.0	1157.7	801.2	547.1
35°	6847.7	5820.5	4888.7	4087.4	3367.4	2728.5	2153.1	1637.8	1186.0	822.4	561.2
32.5°	6801.8	5806.4	4906.3	4119.2	3420.3	2770.8	2184.9	1666.0	1207.2	843.6	575.3
30°	6699.4	5732.3	4842.8	4115.7	3459.1	2795.5	2206.1	1687.2	1228.3	857.7	582.4
27.5°	6533.5	5601.7	4761.6	4119.2	3480.3	2806.1	2216.7	1697.8	1242.5	868.3	596.5
25°	6328.8	5425.2	4765.1	4112.1	3483.8	2809.7	2216.7	1697.8	1246.0	871.8	607.1
22.5°	6092.3	5425.2	4765.1	4101.5	3462.7	2802.6	2206.1	1690.7	1246.0	878.9	617.7
20°	6106.4	5428.7	4754.5	4080.4	3430.9	2781.4	2181.4	1673.1	1235.4	889.5	624.8
17.5°	6117.0	5421.7	4733.4	4052.1	3388.5	2746.1	2149.6	1648.4	1235.4	900.1	628.3
15°	6117.0	5400.5	4701.6	4009.8	3335.6	2696.7	2103.7	1627.2	1238.9	903.6	635.3
12.5°	6106.4	5361.6	4652.2	3953.3	3272.1	2636.7	2075.5	1620.1	1238.9	907.1	635.3
10°	6085.2	5308.7	4588.6	3882.7	3212.0	2615.5	2061.4	1606.0	1231.9	907.1	635.3
7.5°	6046.4	5245.2	4535.7	3840.3	3176.7	2590.8	2040.2	1584.8	1221.3	900.1	642.4
5°	5986.4	5209.9	4493.3	3790.9	3127.3	2573.2	2026.1	1567.2	1214.2	900.1	635.3
2.5°	5908.8	5167.5	4443.9	3727.4	3070.9	2513.2	1980.2	1528.4	1189.5	886.0	628.3
0°	5781.7	5082.8	4359.2	3639.1	2993.2	2453.2	1934.3	1489.5	1164.8	871.8	621.2
-2.5°	5665.2	4969.8	4249.8	3547.4	2919.1	2400.2	1899.0	1468.4	1154.2	868.3	617.7
-5°	5502.8	4814.5	4105.1	3427.4	2820.2	2347.3	1863.7	1443.7	1143.6	861.3	617.7
-7.5°	5322.8	4652.2	3953.3	3303.8	2721.4	2255.5	1796.6	1404.8	1118.9	847.1	614.2
-10°	5044.0	4408.6	3762.7	3162.6	2615.5	2174.3	1740.2	1369.5	1097.7	833.0	600.1
-12.5°	4747.5	4140.4	3543.8	2989.7	2495.5	2089.6	1676.6	1330.7	1073.0	818.9	593.0
-15°	4433.3	3865.0	3314.4	2809.7	2364.9	1987.2	1609.6	1288.3	1048.3	801.2	582.4
-17.5°	4105.1	3575.6	3077.9	2626.1	2234.3	1881.3	1539.0	1249.5	1020.1	783.6	571.8
-20°	3759.2	3279.1	2837.9	2439.0	2096.7	1775.4	1464.8	1203.6	988.3	762.4	557.7



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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°	3416.8	2986.1	2590.8	2255.5	1955.5	1666.0	1390.7	1157.7	953.0	737.7	547.1
-25°	3113.2	2710.8	2372.0	2079.0	1817.8	1560.1	1313.1	1111.9	914.2	713.0	533.0
-27.5°	2816.7	2474.3	2156.7	1913.1	1683.7	1457.8	1238.9	1062.4	875.4	684.8	518.9
-30°	2541.4	2248.4	1987.2	1750.7	1556.6	1366.0	1175.4	1013.0	833.0	656.5	501.2
-32.5°	2290.8	2054.3	1835.5	1609.6	1436.6	1274.2	1115.4	963.6	790.7	628.3	483.6
-35°	2057.8	1874.3	1683.7	1493.1	1316.6	1189.5	1051.9	910.7	751.8	596.5	465.9
-37.5°	1849.6	1701.3	1549.5	1387.2	1235.4	1108.3	991.9	857.7	713.0	568.3	448.3
-40°	1669.6	1549.5	1415.4	1284.8	1157.7	1037.7	931.8	804.8	674.2	547.1	430.6
-42.5°	1503.7	1411.9	1302.5	1193.0	1080.1	974.2	871.8	748.3	635.3	522.4	413.0
-45°	1376.6	1284.8	1196.6	1097.7	1002.4	910.7	808.3	698.9	600.1	494.2	395.3
-47.5°	1256.6	1175.4	1094.2	1013.0	935.4	850.7	748.3	656.5	561.2	469.5	381.2
-50°	1150.7	1073.0	1002.4	931.8	864.8	783.6	688.3	614.2	529.5	444.7	363.6
-52.5°	1051.9	984.8	914.2	857.7	801.2	720.1	642.4	571.8	497.7	416.5	345.9
-55°	963.6	900.1	836.5	783.6	730.7	660.1	596.5	536.5	465.9	395.3	328.3
-57.5°	878.9	826.0	765.9	716.5	663.6	607.1	554.2	497.7	434.2	374.2	310.6
-60°	801.2	751.8	698.9	649.5	603.6	557.7	508.3	462.4	405.9	349.4	293.0
-62.5°	723.6	681.2	635.3	585.9	550.6	508.3	469.5	423.6	377.7	328.3	261.2
-65°	653.0	614.2	571.8	529.5	497.7	465.9	430.6	388.3	349.4	303.6	233.0
-67.5°	582.4	547.1	511.8	476.5	448.3	423.6	388.3	356.5	324.7	275.3	204.7
-70°	515.3	487.1	455.3	427.1	405.9	377.7	353.0	324.7	296.5	240.0	173.0
-72.5°	451.8	423.6	398.9	377.7	360.0	335.3	314.1	293.0	254.1	201.2	144.7
-75°	377.7	360.0	345.9	328.3	310.6	293.0	275.3	250.6	211.8	162.4	113.0
-77.5°	310.6	300.0	289.4	275.3	261.2	247.1	225.9	201.2	169.4	127.1	91.8
-80°	254.1	243.6	236.5	222.4	211.8	197.7	176.5	155.3	123.5	98.8	74.1
-82.5°	194.1	187.1	180.0	173.0	162.4	148.2	127.1	109.4	91.8	74.1	56.5
-85°	137.7	134.1	127.1	120.0	109.4	98.8	84.7	74.1	63.5	49.4	38.8
-87.5°	70.6	67.1	63.5	60.0	56.5	49.4	42.4	35.3	31.8	24.7	17.6
-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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 CATALOG NUMBER: IFLD-L-SA7C-827-U-76

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°	28.2	17.6	7.1	0.0
82.5°	42.4	28.2	10.6	0.0
80°	56.5	35.3	17.6	0.0
77.5°	70.6	42.4	21.2	0.0
75°	84.7	52.9	24.7	0.0
72.5°	95.3	60.0	28.2	0.0
70°	113.0	70.6	31.8	0.0
67.5°	141.2	77.7	35.3	0.0
65°	165.9	84.7	38.8	0.0
62.5°	194.1	91.8	42.4	0.0
60°	218.8	98.8	45.9	0.0
57.5°	243.6	116.5	49.4	0.0
55°	264.7	130.6	52.9	0.0
52.5°	289.4	144.7	56.5	0.0
50°	310.6	158.8	60.0	0.0
47.5°	328.3	173.0	60.0	0.0
45°	342.4	183.5	63.5	0.0
42.5°	353.0	194.1	67.1	0.0
40°	363.6	204.7	70.6	0.0
37.5°	374.2	215.3	70.6	0.0
35°	384.7	225.9	74.1	0.0
32.5°	395.3	236.5	74.1	0.0
30°	402.4	243.6	77.7	0.0
27.5°	413.0	250.6	77.7	0.0
25°	416.5	257.7	81.2	0.0
22.5°	423.6	261.2	81.2	0.0
20°	430.6	268.3	81.2	0.0
17.5°	434.2	271.8	84.7	0.0
15°	434.2	275.3	88.2	0.0
12.5°	437.7	278.8	88.2	0.0
10°	437.7	285.9	84.7	0.0
7.5°	444.7	282.4	84.7	0.0
5°	441.2	282.4	84.7	0.0
2.5°	437.7	278.8	84.7	0.0
0°	434.2	278.8	84.7	0.0
-2.5°	434.2	278.8	84.7	0.0
-5°	434.2	278.8	84.7	0.0
-7.5°	430.6	282.4	84.7	0.0
-10°	423.6	282.4	84.7	0.0
-12.5°	420.0	271.8	84.7	0.0
-15°	416.5	268.3	84.7	0.0
-17.5°	409.4	264.7	81.2	0.0
-20°	402.4	261.2	81.2	0.0



REPORT NUMBER: P722184

CATALOG NUMBER: IFLD-L-SA7C-827-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	395.3	254.1	81.2	0.0
-25°	388.3	247.1	77.7	0.0
-27.5°	381.2	240.0	77.7	0.0
-30°	370.6	233.0	74.1	0.0
-32.5°	360.0	225.9	74.1	0.0
-35°	353.0	215.3	70.6	0.0
-37.5°	342.4	204.7	70.6	0.0
-40°	331.8	194.1	67.1	0.0
-42.5°	321.2	183.5	63.5	0.0
-45°	307.1	173.0	63.5	0.0
-47.5°	296.5	162.4	60.0	0.0
-50°	278.8	148.2	56.5	0.0
-52.5°	257.7	134.1	52.9	0.0
-55°	236.5	123.5	49.4	0.0
-57.5°	215.3	109.4	49.4	0.0
-60°	194.1	95.3	45.9	0.0
-62.5°	173.0	88.2	42.4	0.0
-65°	151.8	81.2	38.8	0.0
-67.5°	127.1	70.6	35.3	0.0
-70°	105.9	63.5	31.8	0.0
-72.5°	91.8	56.5	28.2	0.0
-75°	77.7	49.4	24.7	0.0
-77.5°	67.1	42.4	21.2	0.0
-80°	52.9	31.8	14.1	0.0
-82.5°	38.8	24.7	10.6	0.0
-85°	24.7	17.6	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)