

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: P722074

Luminaire Tested: **IFLD-L-SA8D-735-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722074
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8D-735-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (128) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

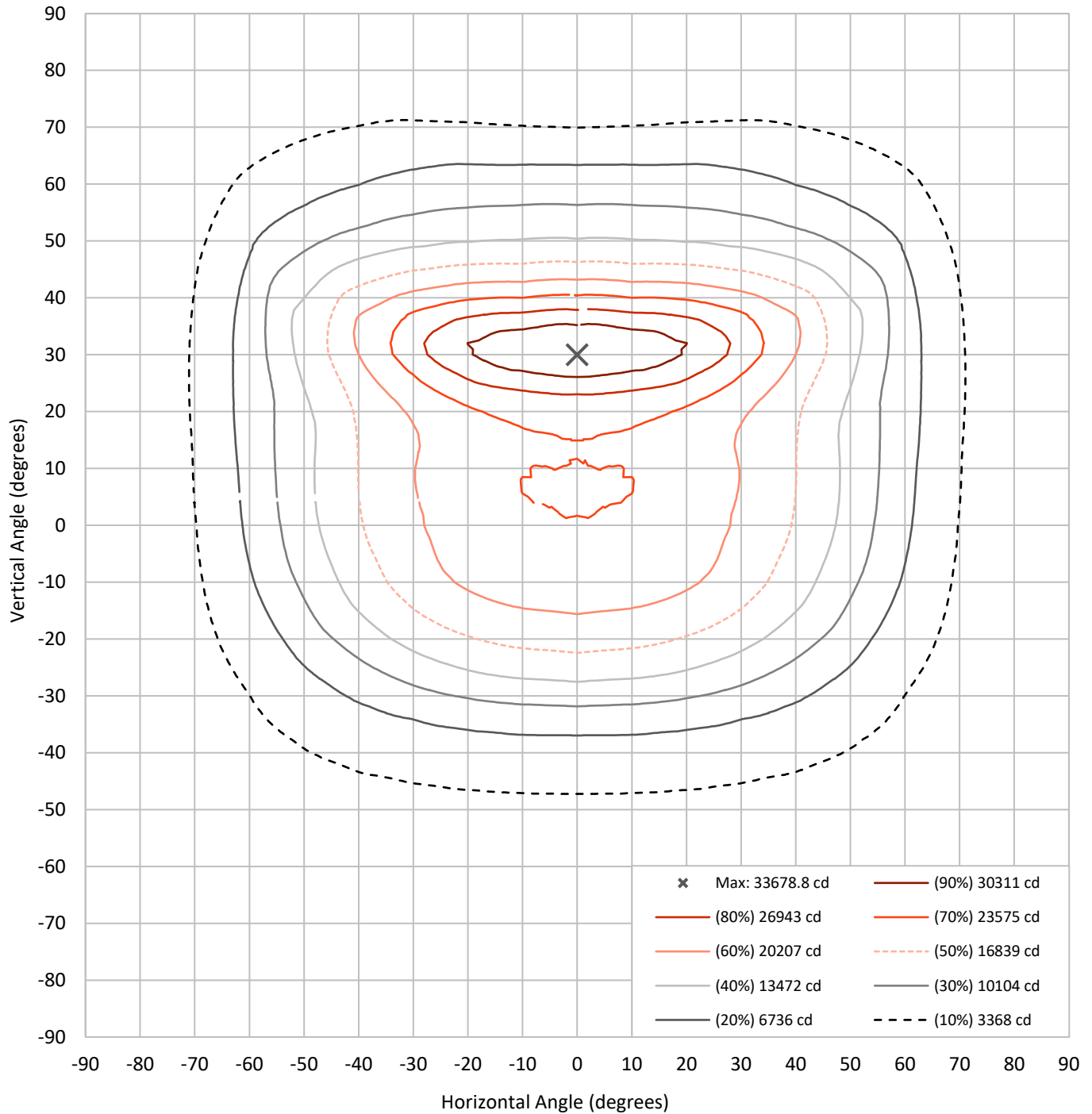
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	56218.3 lumens	Max Intensity:	33678.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	115.1 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	32691.6 lumens	Field Lumens:	52683.8 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 488.3
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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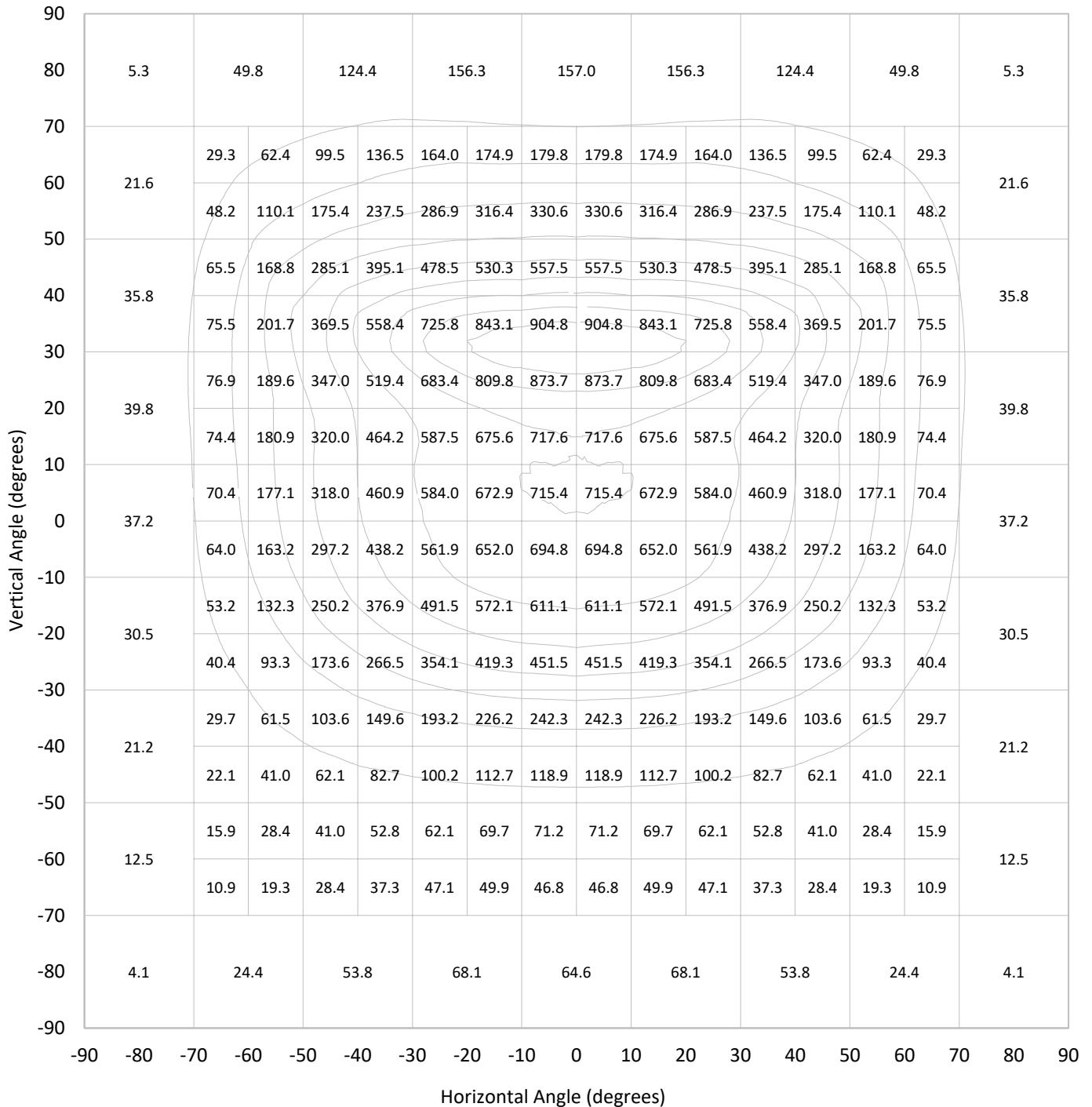
Iso-Candela Plot





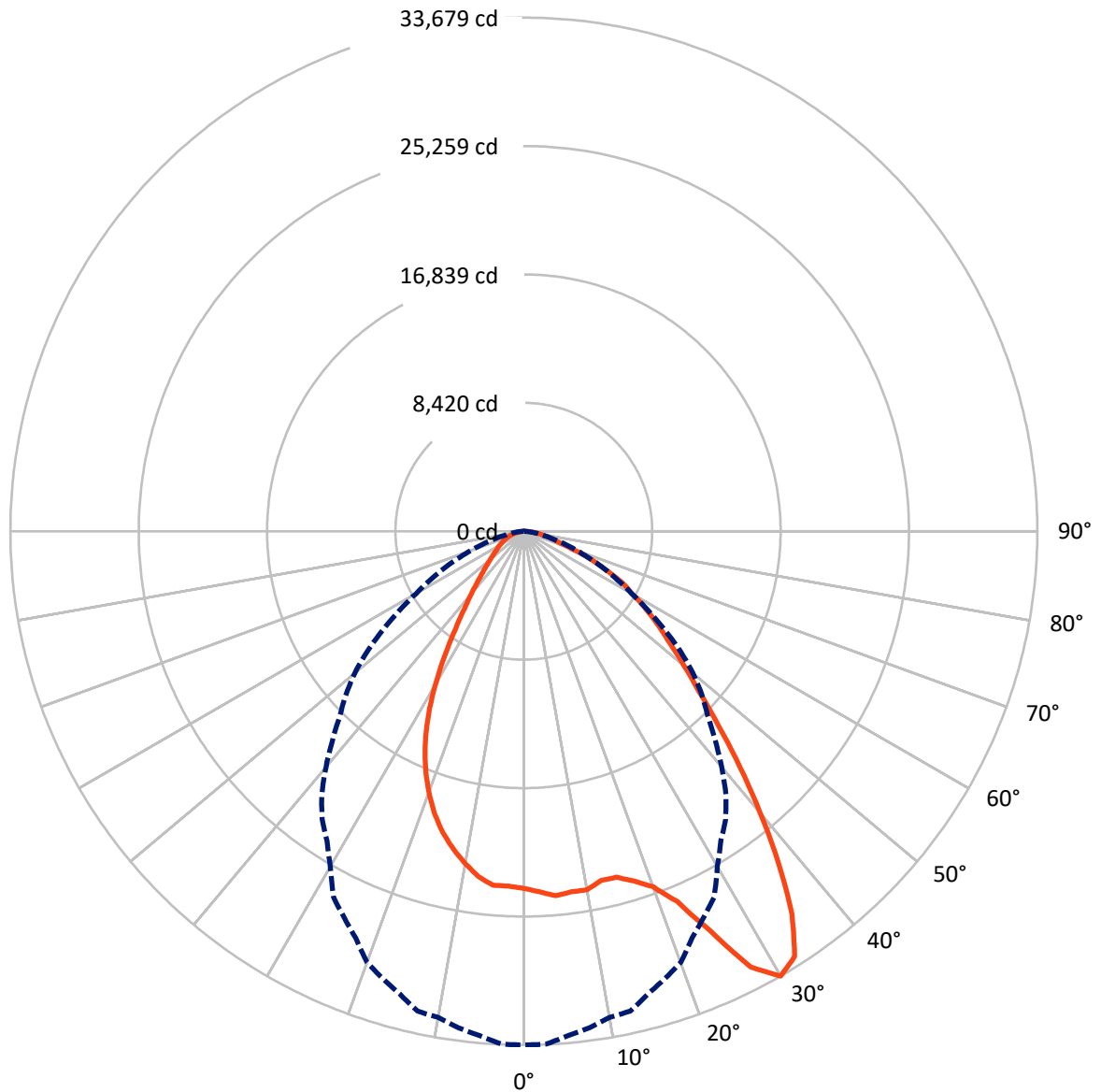
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Lumen Table



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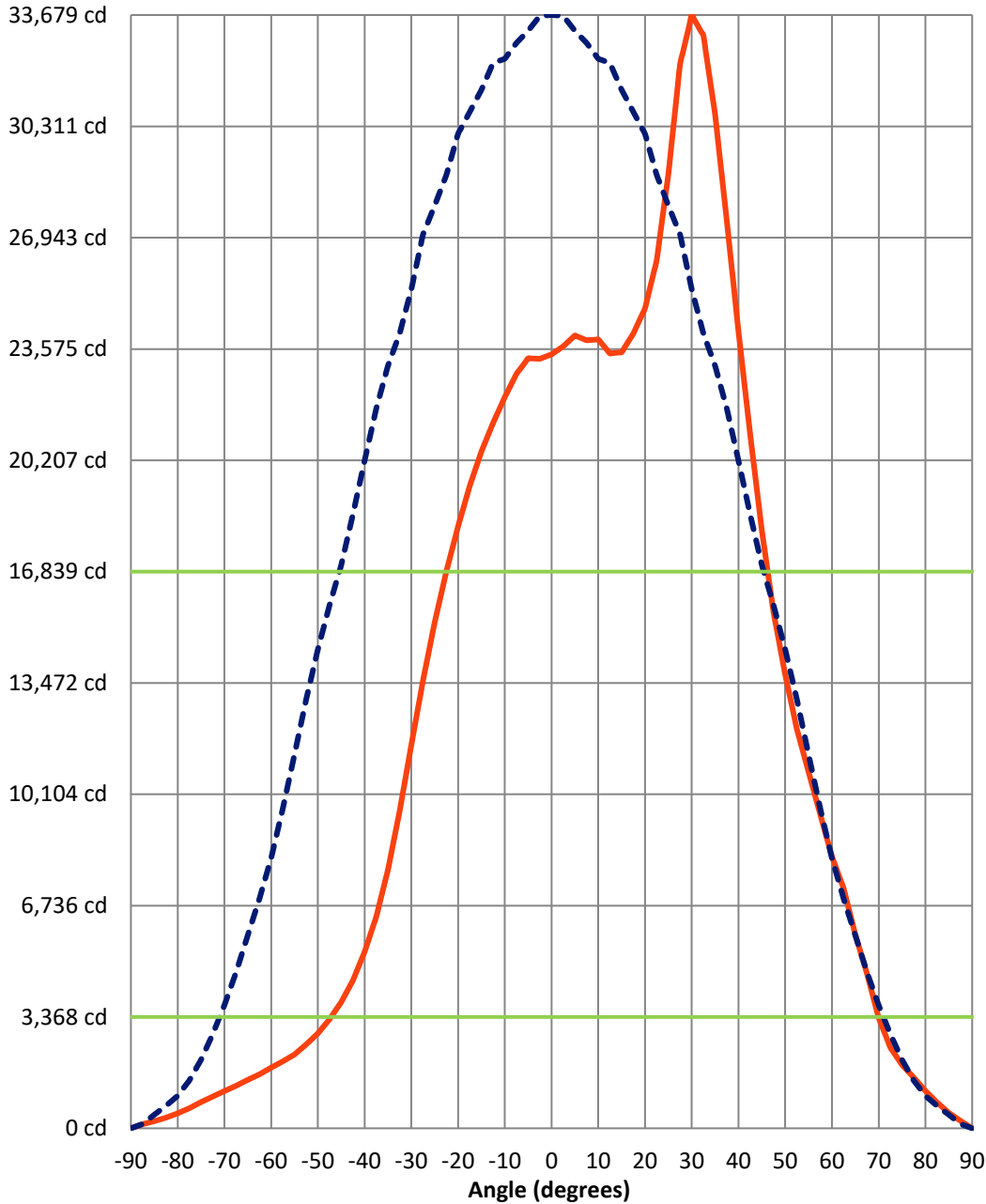
Luminous Intensity Polar Plot



— 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: 32691.6
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 52683.8
 Efficiency: 93.7%

Spill:
 Lumens: 3534.5
 Efficiency: 6.3%

— Vertical Distribution through 0-Deg
 - - - Horizontal Distribution through 30-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	226.3	232.3	238.2	238.2	232.3	232.3	232.3	226.3	232.3	232.3	232.3
85°	470.5	482.4	494.3	488.4	482.4	470.5	458.6	464.5	470.5	476.4	476.4
82.5°	780.2	798.0	810.0	804.0	792.1	780.2	768.3	774.2	786.1	792.1	792.1
80°	1131.6	1137.5	1143.5	1155.4	1137.5	1137.5	1131.6	1155.4	1167.3	1179.2	1191.1
77.5°	1536.5	1542.5	1542.5	1548.4	1554.4	1560.4	1560.4	1602.0	1631.8	1649.7	1667.6
75°	1917.7	1935.6	1953.4	1971.3	1995.1	2007.0	2024.9	2084.4	2132.1	2167.8	2203.6
72.5°	2441.8	2465.6	2495.4	2537.1	2578.8	2608.5	2650.2	2721.7	2775.3	2811.0	2852.7
70°	3341.1	3364.9	3394.7	3424.5	3466.1	3495.9	3537.6	3626.9	3680.5	3704.4	3728.2
67.5°	4675.1	4734.7	4788.3	4728.7	4698.9	4657.3	4669.2	4752.5	4806.1	4841.9	4835.9
65°	5860.3	5902.0	5902.0	5896.0	5872.2	5818.6	5848.4	5949.6	6009.2	6038.9	5949.6
62.5°	7253.9	7253.9	7224.1	7271.8	7277.7	7242.0	7224.1	7230.1	7236.0	7253.9	7105.0
60°	8218.7	8278.2	8296.1	8337.8	8349.7	8349.7	8379.5	8403.3	8403.3	8367.6	8194.9
57.5°	9493.2	9606.3	9630.2	9600.4	9540.8	9463.4	9451.5	9415.8	9344.3	9272.8	9189.4
55°	10779.6	10839.1	10833.2	10815.3	10755.8	10666.4	10678.3	10630.7	10517.5	10428.2	10315.0
52.5°	12071.9	12214.9	12238.7	12203.0	12119.6	12024.3	12030.3	11976.7	11863.5	11768.2	11613.4
50°	13721.6	13840.7	13828.8	13769.3	13650.2	13578.7	13584.7	13483.4	13352.4	13322.6	13120.1
47.5°	15609.6	15746.5	15722.7	15639.3	15478.5	15448.8	15478.5	15347.5	15270.1	15204.6	14966.3
45°	18087.1	18247.9	18158.5	17997.7	17741.6	17771.4	17813.1	17789.3	17622.5	17449.8	17146.1
42.5°	20993.4	21094.6	20987.4	20826.6	20505.0	20564.6	20540.8	20397.8	20296.6	20010.7	19623.6
40°	24102.2	24322.6	24155.8	23905.7	23572.1	23661.5	23596.0	23411.3	23173.1	22815.8	22327.4
37.5°	27455.2	27627.9	27437.3	27145.5	26847.7	26817.9	26686.9	26401.0	26061.6	25668.5	24888.3
35°	30665.2	31111.9	30760.5	30296.0	29932.7	29795.7	29670.7	29009.6	28622.5	27985.2	26919.2
32.5°	33053.4	33381.0	32946.2	32463.8	32023.1	31832.5	31391.8	30605.7	30397.2	29057.2	28080.5
30°	33678.8	33654.9	33202.3	32833.1	32356.6	32225.6	31415.6	30748.6	30081.6	28842.8	27913.8
27.5°	32189.9	32041.0	31606.2	31284.6	30814.1	30659.3	29861.2	29503.9	28473.6	27425.4	26639.3
25°	28872.6	28950.0	28622.5	28461.7	28152.0	27818.5	27502.8	27020.4	26377.2	25460.1	24739.4
22.5°	26258.1	26359.4	26222.4	26031.8	25793.6	25609.0	25370.7	24995.5	24376.2	23810.4	23131.4
20°	24805.0	24775.2	24656.1	24513.1	24286.8	24155.8	23893.7	23578.1	23101.7	22613.3	21880.8
17.5°	24042.6	23858.0	23744.9	23691.3	23572.1	23405.4	23095.7	22774.1	22404.9	21851.0	21315.0
15°	23476.9	23506.6	23417.3	23375.6	23280.3	23048.1	22732.4	22470.4	21970.1	21690.2	21201.8
12.5°	23441.1	23411.3	23417.3	23399.4	23280.3	22982.5	22821.7	22488.2	22166.6	21797.4	21237.6
10°	23864.0	23548.3	23572.1	23655.5	23464.9	23226.7	23054.0	22690.7	22387.0	21916.5	21362.6
7.5°	23840.1	23679.3	23727.0	23590.0	23649.6	23357.7	23119.5	22756.2	22375.1	21874.8	21374.5
5°	23983.1	23738.9	23697.2	23709.1	23560.2	23339.9	23018.3	22672.9	22315.5	21755.7	21243.5
2.5°	23655.5	23691.3	23500.7	23429.2	23411.3	23042.1	22744.3	22410.8	22041.6	21547.3	21088.7
0°	23411.3	23476.9	23280.3	23179.1	23173.1	22857.5	22666.9	22285.7	22023.7	21612.8	21058.9
-2.5°	23280.3	23357.7	23381.6	23196.9	23018.3	22774.1	22452.5	22041.6	21612.8	21136.3	20659.9
-5°	23292.2	23137.4	23071.9	23131.4	22976.6	22732.4	22375.1	22011.8	21588.9	21076.8	20481.2
-7.5°	22821.7	22666.9	22655.0	22625.2	22589.5	22357.2	22059.4	21666.4	21237.6	20761.1	20207.3
-10°	22119.0	22005.8	21976.1	21946.3	21851.0	21714.0	21434.1	21076.8	20689.7	20213.2	19623.6
-12.5°	21338.8	21285.2	21172.1	21094.6	20999.3	20838.5	20570.5	20243.0	19855.9	19433.0	18926.8
-15°	20475.3	20374.0	20260.9	20195.3	20058.4	19867.8	19599.8	19296.0	18873.2	18456.3	17979.9
-17.5°	19433.0	19308.0	19182.9	19165.0	19069.7	18777.9	18527.8	18158.5	17789.3	17390.3	16925.7
-20°	18206.2	18033.5	17950.1	17902.4	17771.4	17557.0	17289.0	16949.6	16592.2	16211.1	15675.1



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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°	16848.3	16699.4	16556.5	16467.2	16354.0	16187.2	15931.2	15633.4	15282.0	14853.2	14358.9
-25°	15305.8	15097.4	15008.0	14906.8	14847.2	14692.4	14442.3	14168.3	13805.0	13388.1	12917.6
-27.5°	13543.0	13376.2	13328.6	13185.6	13114.2	12953.4	12744.9	12488.8	12155.3	11762.3	11375.1
-30°	11595.5	11494.3	11416.8	11273.9	11220.3	11047.6	10910.6	10696.2	10392.5	10112.6	9802.9
-32.5°	9594.4	9493.2	9469.4	9403.8	9368.1	9255.0	9100.1	8945.3	8701.1	8492.6	8242.5
-35°	7819.7	7748.2	7754.2	7748.2	7712.5	7629.1	7438.5	7396.8	7218.2	7027.6	6866.8
-37.5°	6402.2	6408.2	6402.2	6396.3	6348.6	6312.9	6175.9	6122.3	6015.1	5830.5	5735.2
-40°	5336.2	5348.1	5342.1	5330.2	5276.6	5258.8	5169.4	5098.0	5056.3	4925.3	4824.0
-42.5°	4472.6	4490.5	4484.5	4478.6	4442.9	4436.9	4389.3	4305.9	4282.1	4204.6	4097.4
-45°	3817.5	3811.6	3799.7	3811.6	3793.7	3775.8	3746.1	3692.5	3662.7	3626.9	3537.6
-47.5°	3299.4	3305.3	3293.4	3293.4	3269.6	3251.7	3239.8	3204.1	3180.3	3150.5	3096.9
-50°	2870.6	2894.4	2888.5	2882.5	2864.6	2852.7	2852.7	2817.0	2781.3	2769.3	2733.6
-52.5°	2537.1	2554.9	2560.9	2572.8	2578.8	2584.7	2566.9	2531.1	2471.6	2465.6	2447.7
-55°	2233.3	2286.9	2322.7	2346.5	2370.3	2388.2	2352.5	2304.8	2245.3	2221.4	2215.5
-57.5°	2024.9	2078.5	2120.2	2155.9	2185.7	2215.5	2179.7	2132.1	2078.5	2048.7	2042.8
-60°	1834.3	1882.0	1923.6	1971.3	2013.0	2060.6	2042.8	2007.0	1977.2	1953.4	1929.6
-62.5°	1631.8	1679.5	1727.1	1786.7	1840.3	1887.9	1893.9	1887.9	1882.0	1887.9	1846.2
-65°	1465.1	1488.9	1518.7	1584.2	1643.7	1697.3	1727.1	1745.0	1774.8	1804.5	1762.8
-67.5°	1286.4	1316.2	1351.9	1399.6	1447.2	1482.9	1524.6	1572.3	1619.9	1667.6	1637.8
-70°	1125.6	1149.4	1179.2	1203.0	1232.8	1256.6	1292.4	1346.0	1399.6	1447.2	1435.3
-72.5°	958.8	982.7	1000.5	1012.4	1030.3	1042.2	1060.1	1107.7	1143.5	1167.3	1167.3
-75°	792.1	815.9	833.8	839.7	851.6	857.6	869.5	887.4	905.2	911.2	917.2
-77.5°	607.5	631.3	649.2	661.1	673.0	684.9	690.8	702.8	708.7	708.7	714.7
-80°	452.6	470.5	482.4	500.3	506.2	518.1	530.0	536.0	542.0	542.0	547.9
-82.5°	321.6	333.5	345.4	357.3	369.2	375.2	387.1	393.1	399.0	405.0	410.9
-85°	214.4	226.3	238.2	250.1	256.1	262.0	268.0	274.0	279.9	285.9	291.8
-87.5°	125.1	131.0	137.0	148.9	154.8	166.8	172.7	166.8	172.7	172.7	172.7
-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):

	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°	232.3	232.3	232.3	232.3	226.3	214.4	208.4	196.5	184.6	172.7	160.8
85°	482.4	488.4	488.4	488.4	476.4	470.5	452.6	434.8	410.9	375.2	345.4
82.5°	804.0	810.0	810.0	804.0	792.1	774.2	750.4	720.6	673.0	625.3	583.6
80°	1209.0	1214.9	1214.9	1209.0	1179.2	1149.4	1119.6	1083.9	1024.4	958.8	887.4
77.5°	1691.4	1703.3	1703.3	1685.4	1643.7	1608.0	1560.4	1500.8	1411.5	1316.2	1220.9
75°	2251.2	2281.0	2286.9	2269.1	2215.5	2150.0	2072.5	1971.3	1834.3	1715.2	1602.0
72.5°	2900.4	2930.1	2954.0	2930.1	2852.7	2763.4	2650.2	2531.1	2394.1	2233.3	2042.8
70°	3752.0	3781.8	3799.7	3722.2	3585.3	3436.4	3299.4	3162.4	3001.6	2805.1	2596.6
67.5°	4824.0	4794.2	4758.5	4603.7	4430.9	4252.3	4061.7	3859.2	3650.8	3442.3	3198.1
65°	5854.3	5770.9	5693.5	5508.9	5288.5	5056.3	4835.9	4609.6	4359.5	4097.4	3865.2
62.5°	6938.2	6759.6	6569.0	6342.7	6116.4	5860.3	5639.9	5371.9	5092.0	4770.4	4472.6
60°	8004.3	7789.9	7599.3	7319.4	7021.6	6676.2	6438.0	6175.9	5848.4	5502.9	5151.6
57.5°	9034.6	8802.3	8593.9	8349.7	8028.1	7652.9	7390.9	7051.4	6706.0	6271.2	5913.9
55°	10130.4	9898.2	9731.4	9457.4	9106.1	8760.6	8474.8	8117.4	7635.0	7170.5	6729.8
52.5°	11387.1	11202.4	11023.8	10743.8	10321.0	9969.6	9654.0	9255.0	8748.7	8177.0	7647.0
50°	12792.6	12697.3	12506.7	12179.1	11696.7	11387.1	10970.2	10440.1	9898.2	9296.6	8635.6
47.5°	14656.7	14501.8	14233.8	13876.5	13471.5	13007.0	12447.1	11827.8	11059.5	10392.5	9689.7
45°	16884.0	16598.2	16252.8	15770.4	15270.1	14746.0	14132.6	13346.4	12316.1	11446.6	10708.1
42.5°	19296.0	18908.9	18438.4	17807.2	17158.0	16514.8	15853.7	14781.7	13495.3	12494.8	11661.0
40°	21815.3	21320.9	20731.3	19814.2	19093.6	18265.7	17509.4	15907.3	14537.5	13453.6	12566.3
37.5°	24280.9	23655.5	22666.9	21553.2	20713.5	20034.5	18372.9	16657.7	15430.9	14239.8	13340.5
35°	26168.8	25638.7	23893.7	22738.4	22017.7	20945.7	18867.2	17110.4	15812.0	14823.4	13423.9
32.5°	27288.4	25918.6	24388.1	23220.8	22625.2	20868.3	18903.0	17241.4	15990.7	14883.0	13209.5
30°	27038.3	25382.6	24042.6	23065.9	21773.6	20195.3	18569.5	17038.9	15824.0	14483.9	12971.2
27.5°	25531.5	24251.1	23054.0	22035.6	20767.1	19349.6	17848.8	16502.9	15371.3	14073.0	12643.7
25°	23828.2	22666.9	21779.5	20892.1	19689.1	18337.2	17015.1	16044.3	14906.8	13626.3	12214.9
22.5°	22261.9	21428.1	20731.3	19802.3	18629.0	17449.8	16628.0	15621.5	14454.2	13155.9	11774.2
20°	21261.4	20695.6	19897.6	18873.2	17950.1	17211.6	16300.4	15234.3	14031.3	12673.5	11399.0
17.5°	20779.0	20123.9	19236.5	18569.5	17860.8	17050.8	16032.4	14900.8	13620.4	12453.1	11440.7
15°	20528.9	19838.0	19254.4	18599.2	17801.2	16949.6	15818.0	14644.7	13620.4	12542.4	11470.4
12.5°	20582.5	19986.9	19349.6	18635.0	17777.4	16866.2	15841.8	14751.9	13691.9	12607.9	11476.4
10°	20749.2	20123.9	19444.9	18652.8	17789.3	16890.0	15907.3	14817.5	13727.6	12637.7	11464.5
7.5°	20808.8	20129.8	19403.2	18605.2	17759.5	16878.1	15919.2	14835.3	13733.5	12631.8	11428.7
5°	20624.1	20010.7	19308.0	18504.0	17676.1	16818.5	15871.6	14811.5	13685.9	12572.2	11339.4
2.5°	20374.0	19879.7	19206.7	18432.5	17592.8	16735.2	15794.2	14704.3	13578.7	12465.0	11226.3
0°	20332.3	19718.9	19040.0	18349.1	17455.8	16550.5	15615.5	14501.8	13382.2	12262.5	11029.7
-2.5°	20058.4	19409.2	18730.3	17979.9	17193.7	16282.5	15299.9	14210.0	13102.3	12000.5	10815.3
-5°	19849.9	19129.3	18408.7	17598.7	16806.6	15895.4	14877.0	13816.9	12733.0	11661.0	10517.5
-7.5°	19570.0	18831.5	18075.2	17229.5	16371.9	15442.8	14436.3	13376.2	12310.2	11244.1	10148.3
-10°	19004.2	18355.1	17646.4	16770.9	15865.6	14936.6	13936.0	12893.8	11827.8	10749.8	9648.0
-12.5°	18319.3	17634.4	16860.2	16056.2	15246.3	14382.7	13382.2	12357.8	11285.8	10201.9	9106.1
-15°	17432.0	16759.0	15966.9	15180.7	14400.6	13572.7	12691.3	11768.2	10678.3	9612.3	8516.5
-17.5°	16324.2	15692.9	14984.2	14233.8	13459.6	12625.8	11768.2	10988.0	9969.6	8969.1	7885.2
-20°	15133.1	14543.5	13906.3	13197.5	12423.3	11607.4	10797.4	9981.5	9100.1	8218.7	7212.2



REPORT NUMBER: P722074
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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°	13894.3	13298.8	12655.6	11994.5	11279.9	10523.5	9773.1	8992.9	8218.7	7420.6	6569.0
-25°	12465.0	11940.9	11351.3	10708.1	10070.9	9409.8	8695.1	7986.4	7325.4	6634.5	5937.7
-27.5°	10970.2	10487.8	9951.8	9391.9	8844.0	8290.2	7670.8	7015.7	6467.7	5896.0	5318.3
-30°	9397.9	9010.8	8576.0	8087.7	7664.8	7218.2	6700.0	6158.1	5657.8	5223.0	4758.5
-32.5°	7909.0	7581.4	7271.8	6950.2	6533.3	6187.8	5830.5	5431.5	4990.8	4579.8	4246.3
-35°	6628.6	6277.2	6146.1	5907.9	5610.1	5306.4	5044.4	4758.5	4425.0	4061.7	3787.7
-37.5°	5550.6	5342.1	5157.5	5026.5	4830.0	4585.8	4377.3	4168.9	3912.8	3638.9	3364.9
-40°	4710.9	4567.9	4365.4	4299.9	4174.9	4008.1	3793.7	3632.9	3460.2	3251.7	3019.5
-42.5°	4037.9	3930.7	3799.7	3686.5	3632.9	3513.8	3347.0	3192.2	3055.2	2912.3	2733.6
-45°	3484.0	3412.5	3329.2	3227.9	3186.2	3090.9	2971.8	2799.1	2721.7	2602.6	2471.6
-47.5°	3037.3	3001.6	2942.1	2876.5	2817.0	2745.5	2638.3	2531.1	2423.9	2346.5	2245.3
-50°	2686.0	2662.1	2626.4	2572.8	2495.4	2447.7	2376.3	2281.0	2179.7	2114.2	2042.8
-52.5°	2406.1	2382.2	2358.4	2316.7	2257.2	2209.5	2150.0	2072.5	1989.2	1923.6	1864.1
-55°	2191.6	2155.9	2138.0	2102.3	2054.7	2001.1	1947.5	1893.9	1822.4	1762.8	1703.3
-57.5°	2024.9	1977.2	1953.4	1923.6	1876.0	1822.4	1780.7	1727.1	1679.5	1614.0	1560.4
-60°	1893.9	1840.3	1792.6	1762.8	1721.2	1667.6	1625.9	1584.2	1536.5	1482.9	1417.4
-62.5°	1786.7	1721.2	1655.6	1619.9	1578.2	1530.6	1488.9	1447.2	1399.6	1346.0	1286.4
-65°	1685.4	1608.0	1524.6	1488.9	1447.2	1399.6	1346.0	1316.2	1274.5	1226.8	1167.3
-67.5°	1560.4	1477.0	1405.5	1363.8	1322.1	1280.4	1232.8	1203.0	1161.3	1101.8	1042.2
-70°	1375.7	1322.1	1274.5	1238.8	1203.0	1167.3	1119.6	1072.0	1024.4	970.8	917.2
-72.5°	1143.5	1125.6	1119.6	1101.8	1060.1	1018.4	970.8	923.1	881.4	839.7	798.0
-75°	923.1	935.0	946.9	941.0	899.3	857.6	815.9	774.2	744.4	708.7	673.0
-77.5°	732.5	744.4	756.4	756.4	726.6	702.8	673.0	643.2	619.4	589.6	553.9
-80°	565.8	583.6	601.5	613.4	589.6	571.7	547.9	524.1	500.3	476.4	452.6
-82.5°	428.8	446.7	464.5	476.4	458.6	446.7	428.8	410.9	393.1	369.2	351.4
-85°	309.7	321.6	333.5	339.5	327.6	315.6	303.7	291.8	279.9	262.0	250.1
-87.5°	178.7	184.6	190.6	196.5	184.6	172.7	166.8	154.8	148.9	137.0	131.0
-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°	148.9	137.0	125.1	119.1	107.2	89.3	77.4	65.5	53.6	41.7	35.7
85°	315.6	285.9	250.1	232.3	208.4	184.6	160.8	137.0	113.2	89.3	65.5
82.5°	542.0	506.2	470.5	428.8	375.2	309.7	244.2	202.5	166.8	131.0	101.2
80°	815.9	750.4	690.8	637.2	577.7	494.3	405.0	321.6	226.3	172.7	131.0
77.5°	1131.6	1054.1	970.8	881.4	786.1	673.0	571.7	464.5	351.4	238.2	166.8
75°	1488.9	1387.6	1274.5	1149.4	1024.4	875.5	732.5	607.5	476.4	333.5	202.5
72.5°	1887.9	1762.8	1625.9	1459.1	1262.6	1089.9	917.2	750.4	595.6	422.8	274.0
70°	2400.1	2203.6	2001.1	1822.4	1572.3	1298.3	1095.8	905.2	708.7	518.1	345.4
67.5°	2948.0	2709.8	2465.6	2203.6	1887.9	1566.3	1274.5	1060.1	827.8	607.5	410.9
65°	3543.6	3245.8	2936.1	2644.3	2209.5	1828.4	1500.8	1209.0	941.0	690.8	476.4
62.5°	4157.0	3805.6	3448.3	3067.1	2566.9	2096.4	1715.2	1375.7	1048.2	768.3	536.0
60°	4812.1	4401.2	3966.4	3490.0	2906.3	2388.2	1917.7	1548.4	1161.3	845.7	601.5
57.5°	5502.9	5056.3	4544.1	3900.9	3257.7	2668.1	2150.0	1703.3	1262.6	917.2	649.2
55°	6253.3	5741.2	5181.3	4329.7	3603.1	2948.0	2382.2	1858.1	1369.8	976.7	696.8
52.5°	7063.3	6467.7	5759.0	4782.3	3966.4	3233.9	2596.6	1995.1	1471.0	1042.2	738.5
50°	7968.6	7218.2	6265.3	5199.2	4282.1	3501.9	2811.0	2144.0	1554.4	1113.7	774.2
47.5°	8909.5	8099.6	6717.9	5586.3	4603.7	3763.9	3031.4	2275.0	1637.8	1173.2	810.0
45°	9892.2	8713.0	7188.4	5931.7	4883.6	4002.1	3198.1	2394.1	1739.0	1226.8	839.7
42.5°	10863.0	9177.5	7599.3	6277.2	5145.6	4216.5	3335.1	2507.3	1822.4	1280.4	869.5
40°	11321.5	9528.9	7926.9	6515.4	5366.0	4407.1	3454.2	2608.5	1893.9	1316.2	899.3
37.5°	11512.1	9743.3	8141.3	6741.7	5538.7	4508.4	3555.5	2697.9	1953.4	1351.9	923.1
35°	11553.8	9820.7	8248.5	6896.6	5681.6	4603.7	3632.9	2763.4	2001.1	1387.6	946.9
32.5°	11476.4	9796.9	8278.2	6950.2	5770.9	4675.1	3686.5	2811.0	2036.8	1423.4	970.8
30°	11303.7	9671.8	8171.0	6944.2	5836.5	4716.8	3722.2	2846.8	2072.5	1447.2	982.7
27.5°	11023.8	9451.5	8034.1	6950.2	5872.2	4734.7	3740.1	2864.6	2096.4	1465.1	1006.5
25°	10678.3	9153.7	8040.0	6938.2	5878.1	4740.6	3740.1	2864.6	2102.3	1471.0	1024.4
22.5°	10279.3	9153.7	8040.0	6920.4	5842.4	4728.7	3722.2	2852.7	2102.3	1482.9	1042.2
20°	10303.1	9159.7	8022.2	6884.6	5788.8	4693.0	3680.5	2822.9	2084.4	1500.8	1054.1
17.5°	10321.0	9147.8	7986.4	6837.0	5717.3	4633.4	3626.9	2781.3	2084.4	1518.7	1060.1
15°	10321.0	9112.0	7932.8	6765.5	5628.0	4550.1	3549.5	2745.5	2090.4	1524.6	1072.0
12.5°	10303.1	9046.5	7849.4	6670.2	5520.8	4448.8	3501.9	2733.6	2090.4	1530.6	1072.0
10°	10267.4	8957.2	7742.2	6551.1	5419.6	4413.1	3478.1	2709.8	2078.5	1530.6	1072.0
7.5°	10201.9	8850.0	7652.9	6479.7	5360.0	4371.4	3442.3	2674.1	2060.6	1518.7	1083.9
5°	10100.6	8790.4	7581.4	6396.3	5276.6	4341.6	3418.5	2644.3	2048.7	1518.7	1072.0
2.5°	9969.6	8719.0	7498.1	6289.1	5181.3	4240.4	3341.1	2578.8	2007.0	1494.8	1060.1
0°	9755.2	8576.0	7355.1	6140.2	5050.3	4139.1	3263.7	2513.3	1965.3	1471.0	1048.2
-2.5°	9558.7	8385.4	7170.5	5985.3	4925.3	4049.8	3204.1	2477.5	1947.5	1465.1	1042.2
-5°	9284.7	8123.4	6926.3	5782.9	4758.5	3960.5	3144.5	2435.8	1929.6	1453.2	1042.2
-7.5°	8981.0	7849.4	6670.2	5574.4	4591.7	3805.6	3031.4	2370.3	1887.9	1429.3	1036.3
-10°	8510.5	7438.5	6348.6	5336.2	4413.1	3668.6	2936.1	2310.8	1852.2	1405.5	1012.4
-12.5°	8010.2	6985.9	5979.4	5044.4	4210.6	3525.7	2828.9	2245.3	1810.5	1381.7	1000.5
-15°	7480.2	6521.3	5592.3	4740.6	3990.2	3353.0	2715.7	2173.8	1768.8	1351.9	982.7
-17.5°	6926.3	6033.0	5193.3	4430.9	3769.9	3174.3	2596.6	2108.3	1721.2	1322.1	964.8
-20°	6342.7	5532.7	4788.3	4115.3	3537.6	2995.7	2471.6	2030.8	1667.6	1286.4	941.0



REPORT NUMBER: P722074

CATALOG NUMBER: IFLD-L-SA8D-735-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	5765.0	5038.4	4371.4	3805.6	3299.4	2811.0	2346.5	1953.4	1608.0	1244.7	923.1
-25°	5252.8	4573.9	4002.1	3507.8	3067.1	2632.4	2215.5	1876.0	1542.5	1203.0	899.3
-27.5°	4752.5	4174.9	3638.9	3227.9	2840.8	2459.7	2090.4	1792.6	1477.0	1155.4	875.5
-30°	4288.0	3793.7	3353.0	2954.0	2626.4	2304.8	1983.2	1709.2	1405.5	1107.7	845.7
-32.5°	3865.2	3466.1	3096.9	2715.7	2423.9	2150.0	1882.0	1625.9	1334.0	1060.1	815.9
-35°	3472.1	3162.4	2840.8	2519.2	2221.4	2007.0	1774.8	1536.5	1268.5	1006.5	786.1
-37.5°	3120.7	2870.6	2614.5	2340.5	2084.4	1870.0	1673.5	1447.2	1203.0	958.8	756.4
-40°	2817.0	2614.5	2388.2	2167.8	1953.4	1750.9	1572.3	1357.9	1137.5	923.1	726.6
-42.5°	2537.1	2382.2	2197.6	2013.0	1822.4	1643.7	1471.0	1262.6	1072.0	881.4	696.8
-45°	2322.7	2167.8	2018.9	1852.2	1691.4	1536.5	1363.8	1179.2	1012.4	833.8	667.0
-47.5°	2120.2	1983.2	1846.2	1709.2	1578.2	1435.3	1262.6	1107.7	946.9	792.1	643.2
-50°	1941.5	1810.5	1691.4	1572.3	1459.1	1322.1	1161.3	1036.3	893.3	750.4	613.4
-52.5°	1774.8	1661.6	1542.5	1447.2	1351.9	1214.9	1083.9	964.8	839.7	702.8	583.6
-55°	1625.9	1518.7	1411.5	1322.1	1232.8	1113.7	1006.5	905.2	786.1	667.0	553.9
-57.5°	1482.9	1393.6	1292.4	1209.0	1119.6	1024.4	935.0	839.7	732.5	631.3	524.1
-60°	1351.9	1268.5	1179.2	1095.8	1018.4	941.0	857.6	780.2	684.9	589.6	494.3
-62.5°	1220.9	1149.4	1072.0	988.6	929.1	857.6	792.1	714.7	637.2	553.9	440.7
-65°	1101.8	1036.3	964.8	893.3	839.7	786.1	726.6	655.1	589.6	512.2	393.1
-67.5°	982.7	923.1	863.6	804.0	756.4	714.7	655.1	601.5	547.9	464.5	345.4
-70°	869.5	821.9	768.3	720.6	684.9	637.2	595.6	547.9	500.3	405.0	291.8
-72.5°	762.3	714.7	673.0	637.2	607.5	565.8	530.0	494.3	428.8	339.5	244.2
-75°	637.2	607.5	583.6	553.9	524.1	494.3	464.5	422.8	357.3	274.0	190.6
-77.5°	524.1	506.2	488.4	464.5	440.7	416.9	381.2	339.5	285.9	214.4	154.8
-80°	428.8	410.9	399.0	375.2	357.3	333.5	297.8	262.0	208.4	166.8	125.1
-82.5°	327.6	315.6	303.7	291.8	274.0	250.1	214.4	184.6	154.8	125.1	95.3
-85°	232.3	226.3	214.4	202.5	184.6	166.8	142.9	125.1	107.2	83.4	65.5
-87.5°	119.1	113.2	107.2	101.2	95.3	83.4	71.5	59.6	53.6	41.7	29.8
-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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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	23.8	17.9	6.0	0.0
85°	47.6	29.8	11.9	0.0
82.5°	71.5	47.6	17.9	0.0
80°	95.3	59.6	29.8	0.0
77.5°	119.1	71.5	35.7	0.0
75°	142.9	89.3	41.7	0.0
72.5°	160.8	101.2	47.6	0.0
70°	190.6	119.1	53.6	0.0
67.5°	238.2	131.0	59.6	0.0
65°	279.9	142.9	65.5	0.0
62.5°	327.6	154.8	71.5	0.0
60°	369.2	166.8	77.4	0.0
57.5°	410.9	196.5	83.4	0.0
55°	446.7	220.4	89.3	0.0
52.5°	488.4	244.2	95.3	0.0
50°	524.1	268.0	101.2	0.0
47.5°	553.9	291.8	101.2	0.0
45°	577.7	309.7	107.2	0.0
42.5°	595.6	327.6	113.2	0.0
40°	613.4	345.4	119.1	0.0
37.5°	631.3	363.3	119.1	0.0
35°	649.2	381.2	125.1	0.0
32.5°	667.0	399.0	125.1	0.0
30°	678.9	410.9	131.0	0.0
27.5°	696.8	422.8	131.0	0.0
25°	702.8	434.8	137.0	0.0
22.5°	714.7	440.7	137.0	0.0
20°	726.6	452.6	137.0	0.0
17.5°	732.5	458.6	142.9	0.0
15°	732.5	464.5	148.9	0.0
12.5°	738.5	470.5	148.9	0.0
10°	738.5	482.4	142.9	0.0
7.5°	750.4	476.4	142.9	0.0
5°	744.4	476.4	142.9	0.0
2.5°	738.5	470.5	142.9	0.0
0°	732.5	470.5	142.9	0.0
-2.5°	732.5	470.5	142.9	0.0
-5°	732.5	470.5	142.9	0.0
-7.5°	726.6	476.4	142.9	0.0
-10°	714.7	476.4	142.9	0.0
-12.5°	708.7	458.6	142.9	0.0
-15°	702.8	452.6	142.9	0.0
-17.5°	690.8	446.7	137.0	0.0
-20°	678.9	440.7	137.0	0.0



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CATALOG NUMBER: IFLD-L-SA8D-735-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	667.0	428.8	137.0	0.0
-25°	655.1	416.9	131.0	0.0
-27.5°	643.2	405.0	131.0	0.0
-30°	625.3	393.1	125.1	0.0
-32.5°	607.5	381.2	125.1	0.0
-35°	595.6	363.3	119.1	0.0
-37.5°	577.7	345.4	119.1	0.0
-40°	559.8	327.6	113.2	0.0
-42.5°	542.0	309.7	107.2	0.0
-45°	518.1	291.8	107.2	0.0
-47.5°	500.3	274.0	101.2	0.0
-50°	470.5	250.1	95.3	0.0
-52.5°	434.8	226.3	89.3	0.0
-55°	399.0	208.4	83.4	0.0
-57.5°	363.3	184.6	83.4	0.0
-60°	327.6	160.8	77.4	0.0
-62.5°	291.8	148.9	71.5	0.0
-65°	256.1	137.0	65.5	0.0
-67.5°	214.4	119.1	59.6	0.0
-70°	178.7	107.2	53.6	0.0
-72.5°	154.8	95.3	47.6	0.0
-75°	131.0	83.4	41.7	0.0
-77.5°	113.2	71.5	35.7	0.0
-80°	89.3	53.6	23.8	0.0
-82.5°	65.5	41.7	17.9	0.0
-85°	41.7	29.8	11.9	0.0
-87.5°	23.8	11.9	6.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)