

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: P722092

Luminaire Tested: **IFLD-M-SA4C-740-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722092
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4C-740-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (64) 4000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

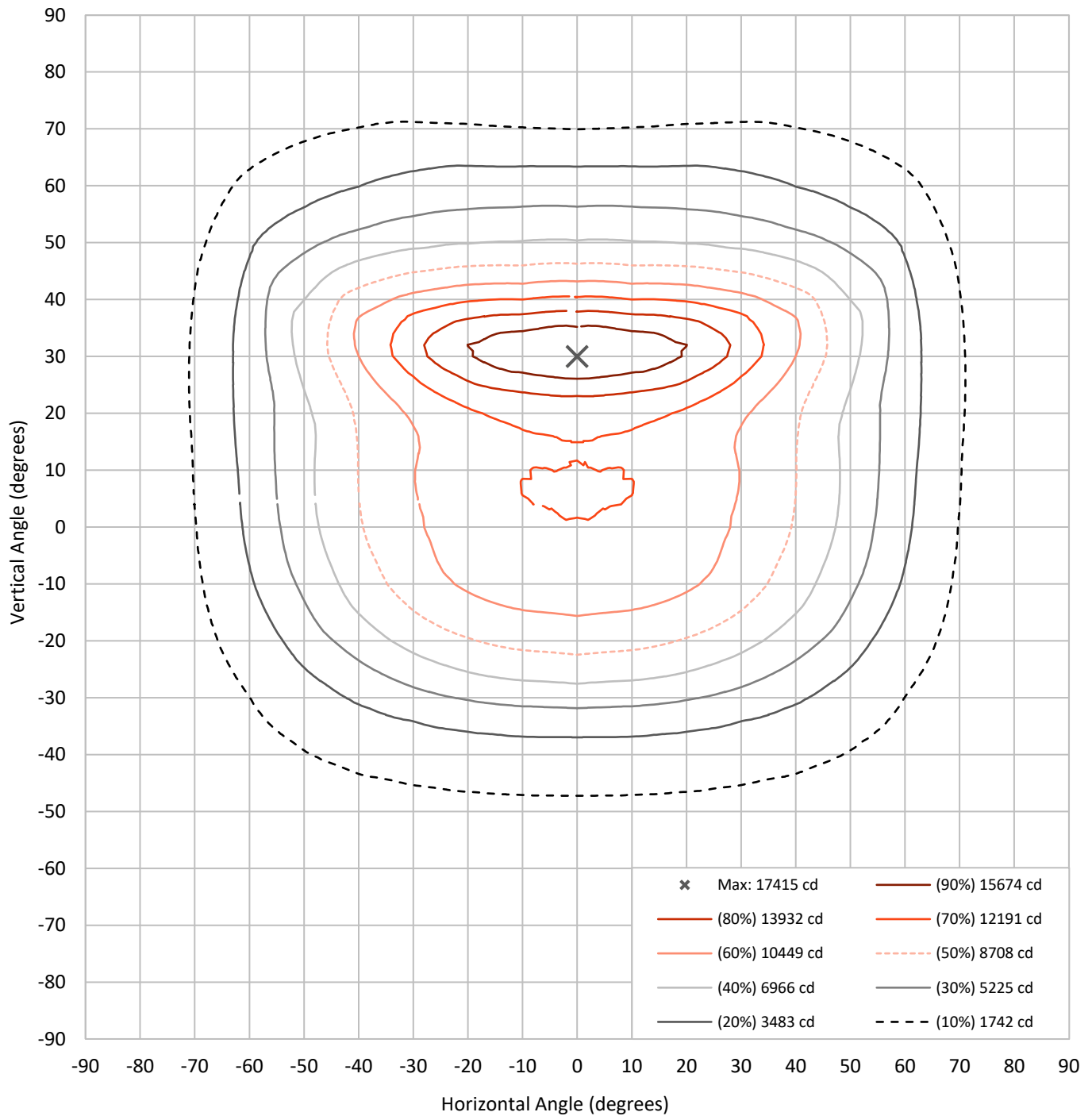
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	29070 lumens	Max Intensity:	17415 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	133.3 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	16904.5 lumens	Field Lumens:	27242.3 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%
Input Watts (W):	218.1		
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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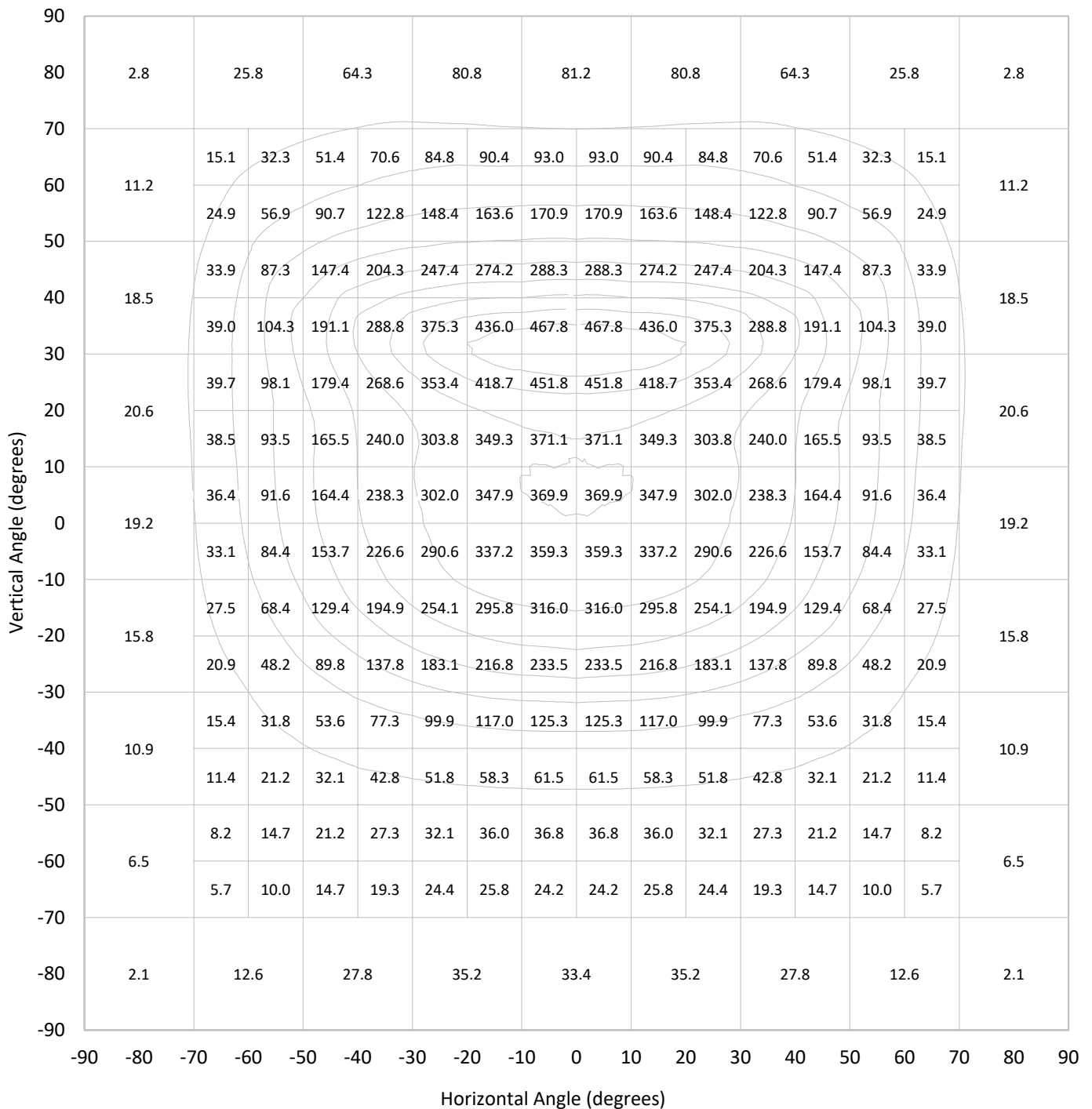
Iso-Candela Plot





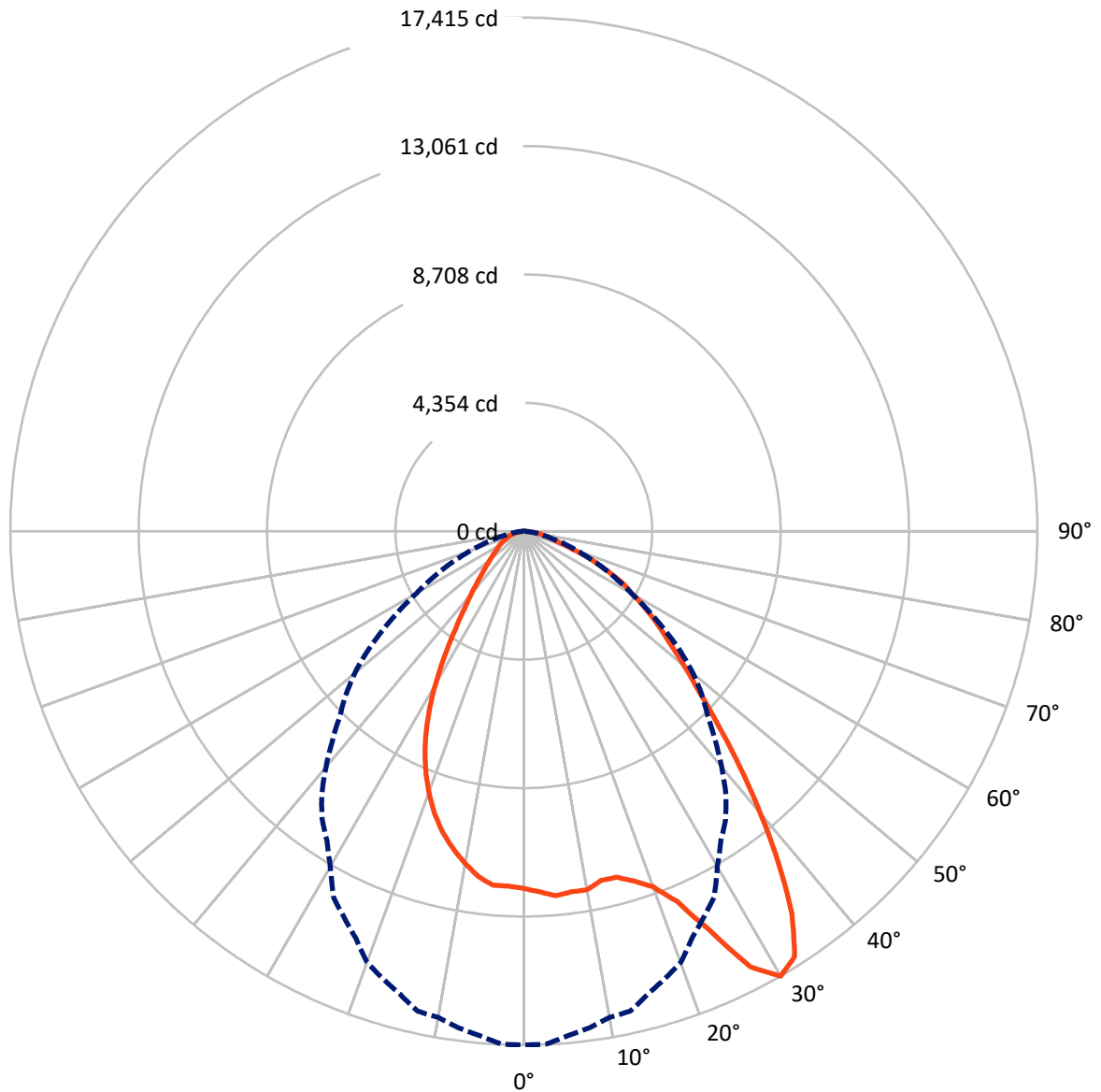
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Lumen Table



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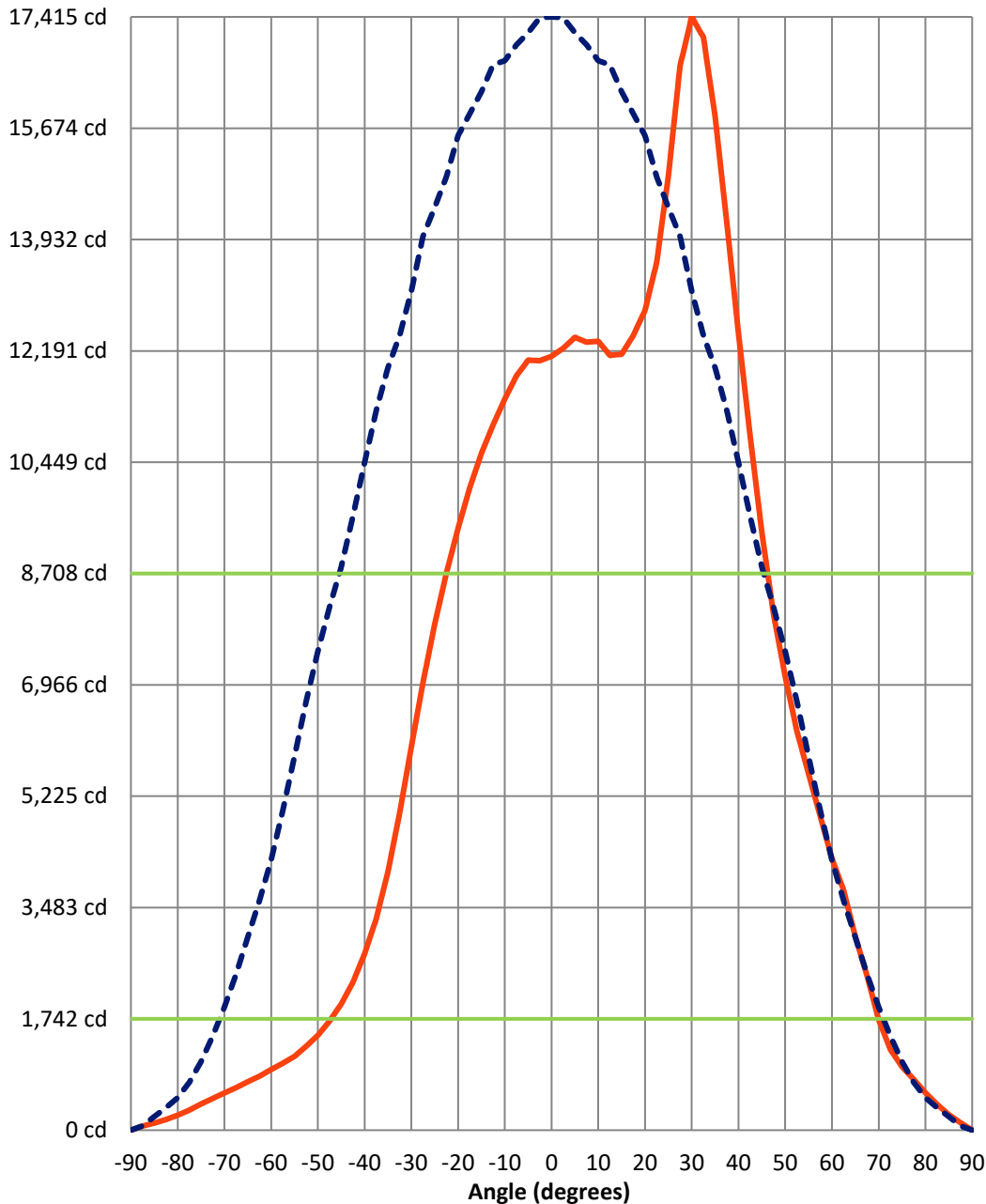
Luminous Intensity Polar Plot



— 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: 16904.5
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 27242.3
 Efficiency: 93.7%

Spill:
 Lumens: 1827.6
 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°	117.0	120.1	123.2	123.2	120.1	120.1	120.1	117.0	120.1	120.1	120.1
85°	243.3	249.4	255.6	252.5	249.4	243.3	237.1	240.2	243.3	246.4	246.4
82.5°	403.4	412.7	418.8	415.7	409.6	403.4	397.3	400.3	406.5	409.6	409.6
80°	585.1	588.2	591.3	597.4	588.2	588.2	585.1	597.4	603.6	609.8	615.9
77.5°	794.5	797.6	797.6	800.7	803.8	806.8	806.8	828.4	843.8	853.0	862.3
75°	991.6	1000.9	1010.1	1019.3	1031.7	1037.8	1047.1	1077.9	1102.5	1121.0	1139.4
72.5°	1262.6	1274.9	1290.3	1311.9	1333.5	1348.9	1370.4	1407.4	1435.1	1453.6	1475.1
70°	1727.6	1740.0	1755.4	1770.8	1792.3	1807.7	1829.3	1875.5	1903.2	1915.5	1927.8
67.5°	2417.5	2448.3	2476.0	2445.2	2429.8	2408.2	2414.4	2457.5	2485.2	2503.7	2500.6
65°	3030.3	3051.9	3051.9	3048.8	3036.5	3008.7	3024.1	3076.5	3107.3	3122.7	3076.5
62.5°	3750.9	3750.9	3735.5	3760.2	3763.2	3744.8	3735.5	3738.6	3741.7	3750.9	3673.9
60°	4249.8	4280.6	4289.8	4311.4	4317.6	4317.6	4333.0	4345.3	4345.3	4326.8	4237.5
57.5°	4908.8	4967.3	4979.7	4964.3	4933.5	4893.4	4887.3	4868.8	4831.8	4794.9	4751.8
55°	5574.0	5604.8	5601.7	5592.5	5561.7	5515.5	5521.7	5497.0	5438.5	5392.3	5333.8
52.5°	6242.3	6316.2	6328.5	6310.0	6266.9	6217.7	6220.7	6193.0	6134.5	6085.2	6005.2
50°	7095.3	7156.9	7150.8	7120.0	7058.4	7021.4	7024.5	6972.2	6904.4	6889.0	6784.3
47.5°	8071.6	8142.4	8130.1	8087.0	8003.8	7988.4	8003.8	7936.1	7896.0	7862.1	7739.0
45°	9352.7	9435.8	9389.6	9306.5	9174.0	9189.4	9211.0	9198.7	9112.5	9023.1	8866.1
42.5°	10855.5	10907.8	10852.4	10769.3	10603.0	10633.8	10621.4	10547.5	10495.2	10347.4	10147.2
40°	12463.0	12577.0	12490.7	12361.4	12188.9	12235.1	12201.3	12105.8	11982.6	11797.8	11545.3
37.5°	14196.8	14286.1	14187.6	14036.7	13882.7	13867.3	13799.6	13651.7	13476.2	13273.0	12869.5
35°	15856.7	16087.7	15906.0	15665.8	15477.9	15407.1	15342.4	15000.6	14800.4	14470.9	13919.7
32.5°	17091.6	17261.0	17036.2	16786.7	16558.9	16460.3	16232.4	15825.9	15718.1	15025.2	14520.2
30°	17415.0	17402.7	17168.6	16977.7	16731.3	16663.6	16244.7	15899.8	15554.9	14914.4	14434.0
27.5°	16645.1	16568.1	16343.3	16177.0	15933.7	15853.6	15441.0	15256.2	14723.4	14181.4	13774.9
25°	14929.8	14969.8	14800.4	14717.3	14557.1	14384.7	14221.5	13972.0	13639.4	13165.2	12792.5
22.5°	13577.8	13630.2	13559.4	13460.8	13337.6	13242.2	13119.0	12925.0	12604.7	12312.1	11961.1
20°	12826.4	12811.0	12749.4	12675.5	12558.5	12490.7	12355.2	12192.0	11945.7	11693.1	11314.3
17.5°	12432.2	12336.8	12278.3	12250.5	12188.9	12102.7	11942.6	11776.3	11585.3	11298.9	11021.8
15°	12139.7	12155.1	12108.9	12087.3	12038.0	11917.9	11754.7	11619.2	11360.5	11215.8	10963.3
12.5°	12121.2	12105.8	12108.9	12099.6	12038.0	11884.1	11800.9	11628.5	11462.2	11271.2	10981.8
10°	12339.8	12176.6	12188.9	12232.1	12133.5	12010.3	11921.0	11733.2	11576.1	11332.8	11046.4
7.5°	12327.5	12244.4	12269.0	12198.2	12229.0	12078.1	11954.9	11767.0	11570.0	11311.3	11052.6
5°	12401.4	12275.2	12253.6	12259.8	12182.8	12068.8	11902.5	11723.9	11539.2	11249.7	10984.8
2.5°	12232.1	12250.5	12152.0	12115.0	12105.8	11914.9	11760.9	11588.4	11397.5	11141.9	10904.8
0°	12105.8	12139.7	12038.0	11985.7	11982.6	11819.4	11720.9	11523.8	11388.3	11175.8	10889.4
-2.5°	12038.0	12078.1	12090.4	11994.9	11902.5	11776.3	11610.0	11397.5	11175.8	10929.4	10683.0
-5°	12044.2	11964.1	11930.3	11961.1	11881.0	11754.7	11570.0	11382.1	11163.4	10898.6	10590.6
-7.5°	11800.9	11720.9	11714.7	11699.3	11680.8	11560.7	11406.7	11203.5	10981.8	10735.4	10449.0
-10°	11437.5	11379.0	11363.6	11348.2	11298.9	11228.1	11083.4	10898.6	10698.4	10452.1	10147.2
-12.5°	11034.1	11006.4	10947.9	10907.8	10858.6	10775.4	10636.8	10467.5	10267.3	10048.6	9786.9
-15°	10587.6	10535.2	10476.7	10442.8	10372.0	10273.5	10134.9	9977.8	9759.2	9543.6	9297.2
-17.5°	10048.6	9984.0	9919.3	9910.1	9860.8	9709.9	9580.5	9389.6	9198.7	8992.3	8752.1
-20°	9414.3	9324.9	9281.8	9257.2	9189.4	9078.6	8940.0	8764.5	8579.7	8382.6	8105.4



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CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	8712.1	8635.1	8561.2	8515.0	8456.5	8370.3	8237.9	8083.9	7902.2	7680.5	7424.8
-25°	7914.5	7806.7	7760.5	7708.2	7677.4	7597.3	7468.0	7326.3	7138.4	6922.9	6679.6
-27.5°	7002.9	6916.7	6892.1	6818.2	6781.2	6698.1	6590.3	6457.9	6285.4	6082.2	5882.0
-30°	5995.9	5943.6	5903.5	5829.6	5801.9	5712.6	5641.8	5530.9	5373.9	5229.1	5069.0
-32.5°	4961.2	4908.8	4896.5	4862.6	4844.2	4785.7	4705.6	4625.5	4499.3	4391.5	4262.1
-35°	4043.5	4006.5	4009.6	4006.5	3988.0	3944.9	3846.4	3824.8	3732.4	3633.9	3550.7
-37.5°	3310.5	3313.6	3310.5	3307.5	3282.8	3264.3	3193.5	3165.8	3110.4	3014.9	2965.6
-40°	2759.3	2765.5	2762.4	2756.2	2728.5	2719.3	2673.1	2636.1	2614.6	2546.8	2494.5
-42.5°	2312.8	2322.0	2318.9	2315.8	2297.4	2294.3	2269.6	2226.5	2214.2	2174.2	2118.7
-45°	1974.0	1970.9	1964.8	1970.9	1961.7	1952.4	1937.1	1909.3	1893.9	1875.5	1829.3
-47.5°	1706.1	1709.2	1703.0	1703.0	1690.7	1681.4	1675.3	1656.8	1644.5	1629.1	1601.4
-50°	1484.4	1496.7	1493.6	1490.5	1481.3	1475.1	1475.1	1456.6	1438.2	1432.0	1413.5
-52.5°	1311.9	1321.1	1324.2	1330.4	1333.5	1336.5	1327.3	1308.8	1278.0	1274.9	1265.7
-55°	1154.8	1182.6	1201.0	1213.4	1225.7	1234.9	1216.4	1191.8	1161.0	1148.7	1145.6
-57.5°	1047.1	1074.8	1096.3	1114.8	1130.2	1145.6	1127.1	1102.5	1074.8	1059.4	1056.3
-60°	948.5	973.1	994.7	1019.3	1040.9	1065.5	1056.3	1037.8	1022.4	1010.1	997.8
-62.5°	843.8	868.4	893.1	923.9	951.6	976.2	979.3	976.2	973.1	976.2	954.7
-65°	757.6	769.9	785.3	819.2	850.0	877.7	893.1	902.3	917.7	933.1	911.6
-67.5°	665.2	680.6	699.1	723.7	748.3	766.8	788.4	813.0	837.6	862.3	846.9
-70°	582.0	594.4	609.8	622.1	637.5	649.8	668.3	696.0	723.7	748.3	742.2
-72.5°	495.8	508.1	517.4	523.5	532.8	538.9	548.2	572.8	591.3	603.6	603.6
-75°	409.6	421.9	431.1	434.2	440.4	443.5	449.6	458.9	468.1	471.2	474.3
-77.5°	314.1	326.4	335.7	341.8	348.0	354.2	357.2	363.4	366.5	366.5	369.5
-80°	234.0	243.3	249.4	258.7	261.8	267.9	274.1	277.2	280.2	280.2	283.3
-82.5°	166.3	172.5	178.6	184.8	190.9	194.0	200.2	203.3	206.3	209.4	212.5
-85°	110.9	117.0	123.2	129.3	132.4	135.5	138.6	141.7	144.7	147.8	150.9
-87.5°	64.7	67.8	70.8	77.0	80.1	86.2	89.3	86.2	89.3	89.3	89.3
-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°	120.1	120.1	120.1	120.1	117.0	110.9	107.8	101.6	95.5	89.3	83.1
85°	249.4	252.5	252.5	252.5	246.4	243.3	234.0	224.8	212.5	194.0	178.6
82.5°	415.7	418.8	418.8	415.7	409.6	400.3	388.0	372.6	348.0	323.4	301.8
80°	625.2	628.2	628.2	625.2	609.8	594.4	579.0	560.5	529.7	495.8	458.9
77.5°	874.6	880.8	880.8	871.5	850.0	831.5	806.8	776.1	729.9	680.6	631.3
75°	1164.1	1179.5	1182.6	1173.3	1145.6	1111.7	1071.7	1019.3	948.5	886.9	828.4
72.5°	1499.8	1515.1	1527.5	1515.1	1475.1	1428.9	1370.4	1308.8	1238.0	1154.8	1056.3
70°	1940.1	1955.5	1964.8	1924.7	1853.9	1776.9	1706.1	1635.3	1552.1	1450.5	1342.7
67.5°	2494.5	2479.1	2460.6	2380.5	2291.2	2198.8	2100.3	1995.6	1887.8	1780.0	1653.7
65°	3027.2	2984.1	2944.1	2848.6	2734.7	2614.6	2500.6	2383.6	2254.2	2118.7	1998.6
62.5°	3587.7	3495.3	3396.8	3279.7	3162.7	3030.3	2916.4	2777.8	2633.0	2466.7	2312.8
60°	4138.9	4028.1	3929.5	3784.8	3630.8	3452.2	3329.0	3193.5	3024.1	2845.5	2663.8
57.5°	4671.7	4551.6	4443.8	4317.6	4151.3	3957.2	3821.7	3646.2	3467.6	3242.8	3058.0
55°	5238.4	5118.2	5032.0	4890.4	4708.7	4530.1	4382.2	4197.5	3948.0	3707.8	3479.9
52.5°	5888.1	5792.7	5700.3	5555.5	5336.9	5155.2	4992.0	4785.7	4523.9	4228.3	3954.2
50°	6614.9	6565.6	6467.1	6297.7	6048.3	5888.1	5672.6	5398.5	5118.2	4807.2	4465.4
47.5°	7578.8	7498.8	7360.2	7175.4	6966.0	6725.8	6436.3	6116.0	5718.8	5373.9	5010.5
45°	8730.6	8582.8	8404.2	8154.7	7896.0	7625.0	7307.8	6901.3	6368.6	5918.9	5537.1
42.5°	9977.8	9777.6	9534.4	9207.9	8872.2	8539.7	8197.8	7643.5	6978.3	6460.9	6029.8
40°	11280.5	11024.9	10720.0	10245.7	9873.1	9445.0	9053.9	8225.5	7517.2	6956.8	6497.9
37.5°	12555.4	12232.1	11720.9	11145.0	10710.8	10359.7	9500.5	8613.6	7979.2	7363.3	6898.2
35°	13531.6	13257.6	12355.2	11757.8	11385.2	10830.9	9756.1	8847.6	8176.3	7665.1	6941.4
32.5°	14110.6	13402.3	12610.8	12007.3	11699.3	10790.8	9774.6	8915.4	8268.7	7695.9	6830.5
30°	13981.3	13125.1	12432.2	11927.2	11258.9	10442.8	9602.1	8810.7	8182.4	7489.5	6707.3
27.5°	13202.1	12540.0	11921.0	11394.4	10738.5	10005.5	9229.5	8533.5	7948.4	7277.0	6537.9
25°	12321.4	11720.9	11262.0	10803.1	10181.1	9482.0	8798.3	8296.4	7708.2	7046.1	6316.2
22.5°	11511.4	11080.3	10720.0	10239.6	9632.9	9023.1	8598.2	8077.7	7474.1	6802.8	6088.3
20°	10994.1	10701.5	10288.8	9759.2	9281.8	8900.0	8428.8	7877.5	7255.5	6553.3	5894.3
17.5°	10744.6	10405.9	9947.0	9602.1	9235.6	8816.8	8290.2	7705.1	7043.0	6439.4	5915.9
15°	10615.3	10258.1	9956.3	9617.5	9204.8	8764.5	8179.3	7572.7	7043.0	6485.6	5931.3
12.5°	10643.0	10335.0	10005.5	9636.0	9192.5	8721.3	8191.7	7628.1	7079.9	6519.5	5934.3
10°	10729.2	10405.9	10054.8	9645.2	9198.7	8733.7	8225.5	7662.0	7098.4	6534.9	5928.2
7.5°	10760.0	10409.0	10033.2	9620.6	9183.3	8727.5	8231.7	7671.2	7101.5	6531.8	5909.7
5°	10664.6	10347.4	9984.0	9568.2	9140.2	8696.7	8207.1	7658.9	7076.9	6501.0	5863.5
2.5°	10535.2	10279.6	9931.6	9531.3	9097.1	8653.6	8167.0	7603.5	7021.4	6445.5	5805.0
0°	10513.7	10196.5	9845.4	9488.2	9026.2	8558.1	8074.6	7498.8	6919.8	6340.8	5703.4
-2.5°	10372.0	10036.3	9685.3	9297.2	8890.7	8419.5	7911.4	7347.9	6775.1	6205.3	5592.5
-5°	10264.2	9891.6	9519.0	9100.1	8690.6	8219.4	7692.8	7144.6	6584.1	6029.8	5438.5
-7.5°	10119.5	9737.6	9346.5	8909.2	8465.7	7985.3	7464.9	6916.7	6365.5	5814.2	5247.6
-10°	9826.9	9491.2	9124.8	8672.1	8204.0	7723.6	7206.2	6667.3	6116.0	5558.6	4988.9
-12.5°	9472.8	9118.6	8718.3	8302.5	7883.7	7437.2	6919.8	6390.1	5835.8	5275.3	4708.7
-15°	9013.9	8665.9	8256.3	7849.8	7446.4	7018.3	6562.6	6085.2	5521.7	4970.4	4403.8
-17.5°	8441.1	8114.7	7748.2	7360.2	6959.8	6528.7	6085.2	5681.8	5155.2	4637.8	4077.4
-20°	7825.2	7520.3	7190.8	6824.3	6424.0	6002.1	5583.3	5161.4	4705.6	4249.8	3729.4



REPORT NUMBER: P722092
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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°	7184.6	6876.7	6544.1	6202.3	5832.7	5441.6	5053.6	4650.2	4249.8	3837.1	3396.8
-25°	6445.5	6174.5	5869.7	5537.1	5207.6	4865.7	4496.2	4129.7	3787.9	3430.6	3070.3
-27.5°	5672.6	5423.1	5146.0	4856.5	4573.2	4286.8	3966.5	3627.7	3344.4	3048.8	2750.1
-30°	4859.6	4659.4	4434.6	4182.1	3963.4	3732.4	3464.5	3184.3	2925.6	2700.8	2460.6
-32.5°	4089.7	3920.3	3760.2	3593.9	3378.3	3199.7	3014.9	2808.6	2580.7	2368.2	2195.7
-35°	3427.6	3245.9	3178.1	3054.9	2901.0	2743.9	2608.4	2460.6	2288.1	2100.3	1958.6
-37.5°	2870.2	2762.4	2666.9	2599.2	2497.5	2371.3	2263.5	2155.7	2023.3	1881.6	1740.0
-40°	2435.9	2362.0	2257.3	2223.5	2158.8	2072.6	1961.7	1878.5	1789.2	1681.4	1561.3
-42.5°	2087.9	2032.5	1964.8	1906.3	1878.5	1816.9	1730.7	1650.7	1579.8	1505.9	1413.5
-45°	1801.5	1764.6	1721.5	1669.1	1647.6	1598.3	1536.7	1447.4	1407.4	1345.8	1278.0
-47.5°	1570.6	1552.1	1521.3	1487.4	1456.6	1419.7	1364.3	1308.8	1253.4	1213.4	1161.0
-50°	1388.9	1376.6	1358.1	1330.4	1290.3	1265.7	1228.7	1179.5	1127.1	1093.2	1056.3
-52.5°	1244.1	1231.8	1219.5	1198.0	1167.2	1142.5	1111.7	1071.7	1028.6	994.7	963.9
-55°	1133.3	1114.8	1105.6	1087.1	1062.5	1034.7	1007.0	979.3	942.3	911.6	880.8
-57.5°	1047.1	1022.4	1010.1	994.7	970.1	942.3	920.8	893.1	868.4	834.6	806.8
-60°	979.3	951.6	927.0	911.6	890.0	862.3	840.7	819.2	794.5	766.8	732.9
-62.5°	923.9	890.0	856.1	837.6	816.1	791.4	769.9	748.3	723.7	696.0	665.2
-65°	871.5	831.5	788.4	769.9	748.3	723.7	696.0	680.6	659.0	634.4	603.6
-67.5°	806.8	763.7	726.8	705.2	683.7	662.1	637.5	622.1	600.5	569.7	538.9
-70°	711.4	683.7	659.0	640.6	622.1	603.6	579.0	554.3	529.7	502.0	474.3
-72.5°	591.3	582.0	579.0	569.7	548.2	526.6	502.0	477.3	455.8	434.2	412.7
-75°	477.3	483.5	489.7	486.6	465.0	443.5	421.9	400.3	384.9	366.5	348.0
-77.5°	378.8	384.9	391.1	391.1	375.7	363.4	348.0	332.6	320.3	304.9	286.4
-80°	292.6	301.8	311.0	317.2	304.9	295.6	283.3	271.0	258.7	246.4	234.0
-82.5°	221.7	231.0	240.2	246.4	237.1	231.0	221.7	212.5	203.3	190.9	181.7
-85°	160.1	166.3	172.5	175.5	169.4	163.2	157.1	150.9	144.7	135.5	129.3
-87.5°	92.4	95.5	98.5	101.6	95.5	89.3	86.2	80.1	77.0	70.8	67.8
-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):

	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°	77.0	70.8	64.7	61.6	55.4	46.2	40.0	33.9	27.7	21.6	18.5
85°	163.2	147.8	129.3	120.1	107.8	95.5	83.1	70.8	58.5	46.2	33.9
82.5°	280.2	261.8	243.3	221.7	194.0	160.1	126.3	104.7	86.2	67.8	52.4
80°	421.9	388.0	357.2	329.5	298.7	255.6	209.4	166.3	117.0	89.3	67.8
77.5°	585.1	545.1	502.0	455.8	406.5	348.0	295.6	240.2	181.7	123.2	86.2
75°	769.9	717.5	659.0	594.4	529.7	452.7	378.8	314.1	246.4	172.5	104.7
72.5°	976.2	911.6	840.7	754.5	652.9	563.6	474.3	388.0	308.0	218.6	141.7
70°	1241.1	1139.4	1034.7	942.3	813.0	671.3	566.6	468.1	366.5	267.9	178.6
67.5°	1524.4	1401.2	1274.9	1139.4	976.2	809.9	659.0	548.2	428.1	314.1	212.5
65°	1832.3	1678.4	1518.2	1367.3	1142.5	945.4	776.1	625.2	486.6	357.2	246.4
62.5°	2149.5	1967.8	1783.1	1586.0	1327.3	1084.0	886.9	711.4	542.0	397.3	277.2
60°	2488.3	2275.8	2051.0	1804.6	1502.8	1234.9	991.6	800.7	600.5	437.3	311.0
57.5°	2845.5	2614.6	2349.7	2017.1	1684.5	1379.6	1111.7	880.8	652.9	474.3	335.7
55°	3233.6	2968.7	2679.2	2238.8	1863.1	1524.4	1231.8	960.8	708.3	505.0	360.3
52.5°	3652.4	3344.4	2977.9	2472.9	2051.0	1672.2	1342.7	1031.7	760.7	538.9	381.9
50°	4120.5	3732.4	3239.7	2688.5	2214.2	1810.8	1453.6	1108.6	803.8	575.9	400.3
47.5°	4607.0	4188.2	3473.8	2888.6	2380.5	1946.3	1567.5	1176.4	846.9	606.7	418.8
45°	5115.2	4505.4	3717.0	3067.3	2525.2	2069.5	1653.7	1238.0	899.2	634.4	434.2
42.5°	5617.1	4745.6	3929.5	3245.9	2660.8	2180.3	1724.6	1296.5	942.3	662.1	449.6
40°	5854.3	4927.3	4098.9	3369.1	2774.7	2278.9	1786.2	1348.9	979.3	680.6	465.0
37.5°	5952.8	5038.2	4209.8	3486.1	2864.0	2331.2	1838.5	1395.0	1010.1	699.1	477.3
35°	5974.4	5078.2	4265.2	3566.1	2937.9	2380.5	1878.5	1428.9	1034.7	717.5	489.7
32.5°	5934.3	5065.9	4280.6	3593.9	2984.1	2417.5	1906.3	1453.6	1053.2	736.0	502.0
30°	5845.0	5001.2	4225.2	3590.8	3018.0	2439.0	1924.7	1472.0	1071.7	748.3	508.1
27.5°	5700.3	4887.3	4154.3	3593.9	3036.5	2448.3	1934.0	1481.3	1084.0	757.6	520.4
25°	5521.7	4733.3	4157.4	3587.7	3039.5	2451.3	1934.0	1481.3	1087.1	760.7	529.7
22.5°	5315.3	4733.3	4157.4	3578.5	3021.1	2445.2	1924.7	1475.1	1087.1	766.8	538.9
20°	5327.7	4736.4	4148.2	3560.0	2993.3	2426.7	1903.2	1459.7	1077.9	776.1	545.1
17.5°	5336.9	4730.2	4129.7	3535.3	2956.4	2395.9	1875.5	1438.2	1077.9	785.3	548.2
15°	5336.9	4711.7	4102.0	3498.4	2910.2	2352.8	1835.4	1419.7	1080.9	788.4	554.3
12.5°	5327.7	4677.9	4058.9	3449.1	2854.8	2300.4	1810.8	1413.5	1080.9	791.4	554.3
10°	5309.2	4631.7	4003.4	3387.5	2802.4	2282.0	1798.5	1401.2	1074.8	791.4	554.3
7.5°	5275.3	4576.2	3957.2	3350.6	2771.6	2260.4	1780.0	1382.7	1065.5	785.3	560.5
5°	5223.0	4545.4	3920.3	3307.5	2728.5	2245.0	1767.7	1367.3	1059.4	785.3	554.3
2.5°	5155.2	4508.5	3877.2	3252.0	2679.2	2192.7	1727.6	1333.5	1037.8	773.0	548.2
0°	5044.3	4434.6	3803.3	3175.0	2611.5	2140.3	1687.6	1299.6	1016.3	760.7	542.0
-2.5°	4942.7	4336.0	3707.8	3095.0	2546.8	2094.1	1656.8	1281.1	1007.0	757.6	538.9
-5°	4801.1	4200.5	3581.5	2990.3	2460.6	2047.9	1626.0	1259.5	997.8	751.4	538.9
-7.5°	4644.0	4058.9	3449.1	2882.5	2374.3	1967.8	1567.5	1225.7	976.2	739.1	535.8
-10°	4400.7	3846.4	3282.8	2759.3	2282.0	1897.0	1518.2	1194.9	957.7	726.8	523.5
-12.5°	4142.0	3612.3	3091.9	2608.4	2177.3	1823.1	1462.8	1161.0	936.2	714.5	517.4
-15°	3867.9	3372.1	2891.7	2451.3	2063.3	1733.8	1404.3	1124.0	914.6	699.1	508.1
-17.5°	3581.5	3119.6	2685.4	2291.2	1949.4	1641.4	1342.7	1090.2	890.0	683.7	498.9
-20°	3279.7	2860.9	2476.0	2128.0	1829.3	1549.0	1278.0	1050.1	862.3	665.2	486.6



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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°	2981.0	2605.3	2260.4	1967.8	1706.1	1453.6	1213.4	1010.1	831.5	643.6	477.3
-25°	2716.2	2365.1	2069.5	1813.9	1586.0	1361.2	1145.6	970.1	797.6	622.1	465.0
-27.5°	2457.5	2158.8	1881.6	1669.1	1469.0	1271.9	1080.9	927.0	763.7	597.4	452.7
-30°	2217.3	1961.7	1733.8	1527.5	1358.1	1191.8	1025.5	883.8	726.8	572.8	437.3
-32.5°	1998.6	1792.3	1601.4	1404.3	1253.4	1111.7	973.1	840.7	689.8	548.2	421.9
-35°	1795.4	1635.3	1469.0	1302.7	1148.7	1037.8	917.7	794.5	655.9	520.4	406.5
-37.5°	1613.7	1484.4	1351.9	1210.3	1077.9	967.0	865.4	748.3	622.1	495.8	391.1
-40°	1456.6	1351.9	1234.9	1121.0	1010.1	905.4	813.0	702.1	588.2	477.3	375.7
-42.5°	1311.9	1231.8	1136.4	1040.9	942.3	850.0	760.7	652.9	554.3	455.8	360.3
-45°	1201.0	1121.0	1044.0	957.7	874.6	794.5	705.2	609.8	523.5	431.1	344.9
-47.5°	1096.3	1025.5	954.7	883.8	816.1	742.2	652.9	572.8	489.7	409.6	332.6
-50°	1003.9	936.2	874.6	813.0	754.5	683.7	600.5	535.8	461.9	388.0	317.2
-52.5°	917.7	859.2	797.6	748.3	699.1	628.2	560.5	498.9	434.2	363.4	301.8
-55°	840.7	785.3	729.9	683.7	637.5	575.9	520.4	468.1	406.5	344.9	286.4
-57.5°	766.8	720.6	668.3	625.2	579.0	529.7	483.5	434.2	378.8	326.4	271.0
-60°	699.1	655.9	609.8	566.6	526.6	486.6	443.5	403.4	354.2	304.9	255.6
-62.5°	631.3	594.4	554.3	511.2	480.4	443.5	409.6	369.5	329.5	286.4	227.9
-65°	569.7	535.8	498.9	461.9	434.2	406.5	375.7	338.8	304.9	264.8	203.3
-67.5°	508.1	477.3	446.5	415.7	391.1	369.5	338.8	311.0	283.3	240.2	178.6
-70°	449.6	425.0	397.3	372.6	354.2	329.5	308.0	283.3	258.7	209.4	150.9
-72.5°	394.2	369.5	348.0	329.5	314.1	292.6	274.1	255.6	221.7	175.5	126.3
-75°	329.5	314.1	301.8	286.4	271.0	255.6	240.2	218.6	184.8	141.7	98.5
-77.5°	271.0	261.8	252.5	240.2	227.9	215.6	197.1	175.5	147.8	110.9	80.1
-80°	221.7	212.5	206.3	194.0	184.8	172.5	154.0	135.5	107.8	86.2	64.7
-82.5°	169.4	163.2	157.1	150.9	141.7	129.3	110.9	95.5	80.1	64.7	49.3
-85°	120.1	117.0	110.9	104.7	95.5	86.2	73.9	64.7	55.4	43.1	33.9
-87.5°	61.6	58.5	55.4	52.4	49.3	43.1	37.0	30.8	27.7	21.6	15.4
-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):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	12.3	9.2	3.1	0.0
85°	24.6	15.4	6.2	0.0
82.5°	37.0	24.6	9.2	0.0
80°	49.3	30.8	15.4	0.0
77.5°	61.6	37.0	18.5	0.0
75°	73.9	46.2	21.6	0.0
72.5°	83.1	52.4	24.6	0.0
70°	98.5	61.6	27.7	0.0
67.5°	123.2	67.8	30.8	0.0
65°	144.7	73.9	33.9	0.0
62.5°	169.4	80.1	37.0	0.0
60°	190.9	86.2	40.0	0.0
57.5°	212.5	101.6	43.1	0.0
55°	231.0	113.9	46.2	0.0
52.5°	252.5	126.3	49.3	0.0
50°	271.0	138.6	52.4	0.0
47.5°	286.4	150.9	52.4	0.0
45°	298.7	160.1	55.4	0.0
42.5°	308.0	169.4	58.5	0.0
40°	317.2	178.6	61.6	0.0
37.5°	326.4	187.9	61.6	0.0
35°	335.7	197.1	64.7	0.0
32.5°	344.9	206.3	64.7	0.0
30°	351.1	212.5	67.8	0.0
27.5°	360.3	218.6	67.8	0.0
25°	363.4	224.8	70.8	0.0
22.5°	369.5	227.9	70.8	0.0
20°	375.7	234.0	70.8	0.0
17.5°	378.8	237.1	73.9	0.0
15°	378.8	240.2	77.0	0.0
12.5°	381.9	243.3	77.0	0.0
10°	381.9	249.4	73.9	0.0
7.5°	388.0	246.4	73.9	0.0
5°	384.9	246.4	73.9	0.0
2.5°	381.9	243.3	73.9	0.0
0°	378.8	243.3	73.9	0.0
-2.5°	378.8	243.3	73.9	0.0
-5°	378.8	243.3	73.9	0.0
-7.5°	375.7	246.4	73.9	0.0
-10°	369.5	246.4	73.9	0.0
-12.5°	366.5	237.1	73.9	0.0
-15°	363.4	234.0	73.9	0.0
-17.5°	357.2	231.0	70.8	0.0
-20°	351.1	227.9	70.8	0.0



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CATALOG NUMBER: IFLD-M-SA4C-740-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	344.9	221.7	70.8	0.0
-25°	338.8	215.6	67.8	0.0
-27.5°	332.6	209.4	67.8	0.0
-30°	323.4	203.3	64.7	0.0
-32.5°	314.1	197.1	64.7	0.0
-35°	308.0	187.9	61.6	0.0
-37.5°	298.7	178.6	61.6	0.0
-40°	289.5	169.4	58.5	0.0
-42.5°	280.2	160.1	55.4	0.0
-45°	267.9	150.9	55.4	0.0
-47.5°	258.7	141.7	52.4	0.0
-50°	243.3	129.3	49.3	0.0
-52.5°	224.8	117.0	46.2	0.0
-55°	206.3	107.8	43.1	0.0
-57.5°	187.9	95.5	43.1	0.0
-60°	169.4	83.1	40.0	0.0
-62.5°	150.9	77.0	37.0	0.0
-65°	132.4	70.8	33.9	0.0
-67.5°	110.9	61.6	30.8	0.0
-70°	92.4	55.4	27.7	0.0
-72.5°	80.1	49.3	24.6	0.0
-75°	67.8	43.1	21.6	0.0
-77.5°	58.5	37.0	18.5	0.0
-80°	46.2	27.7	12.3	0.0
-82.5°	33.9	21.6	9.2	0.0
-85°	21.6	15.4	6.2	0.0
-87.5°	12.3	6.2	3.1	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)