

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: P722382

Luminaire Tested: **IFLD-M-SA4C-722-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722382
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4C-722-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (64) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	21414.6 lumens	Max Intensity:	14949.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	98.2 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	13661.6 lumens	Field Lumens:	20189.2 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

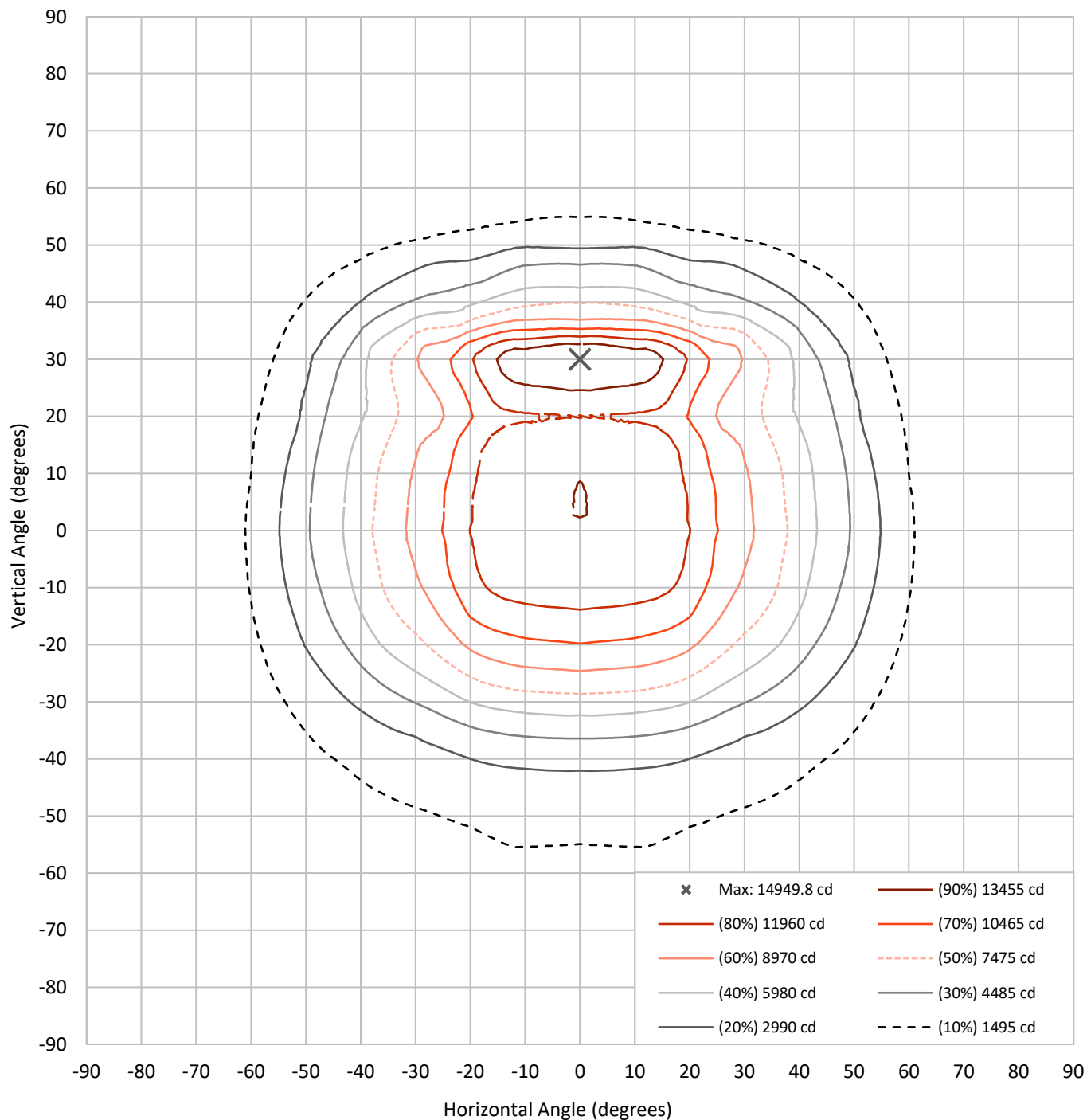
Input Watts (W): 218.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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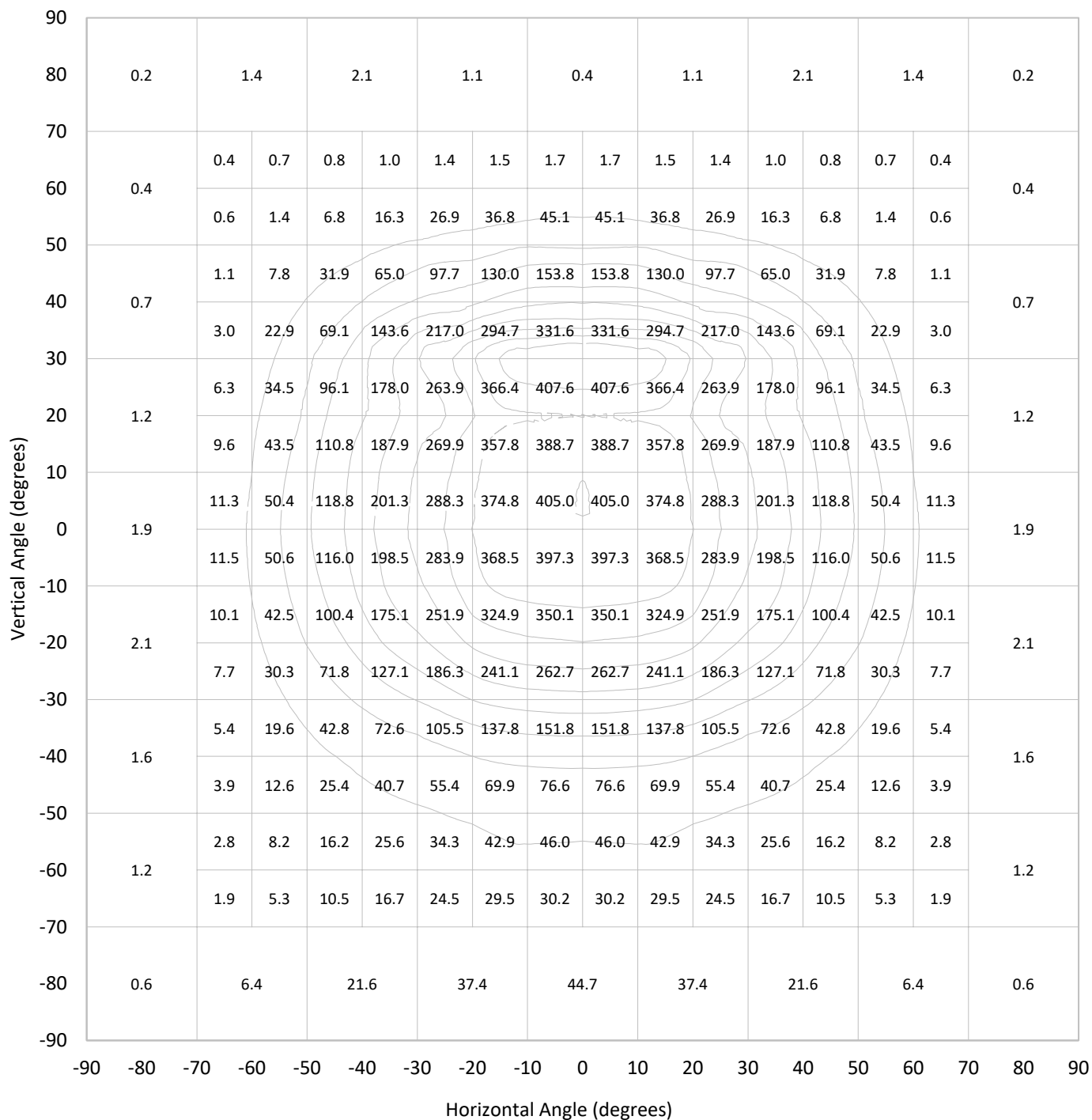
Iso-Candela Plot



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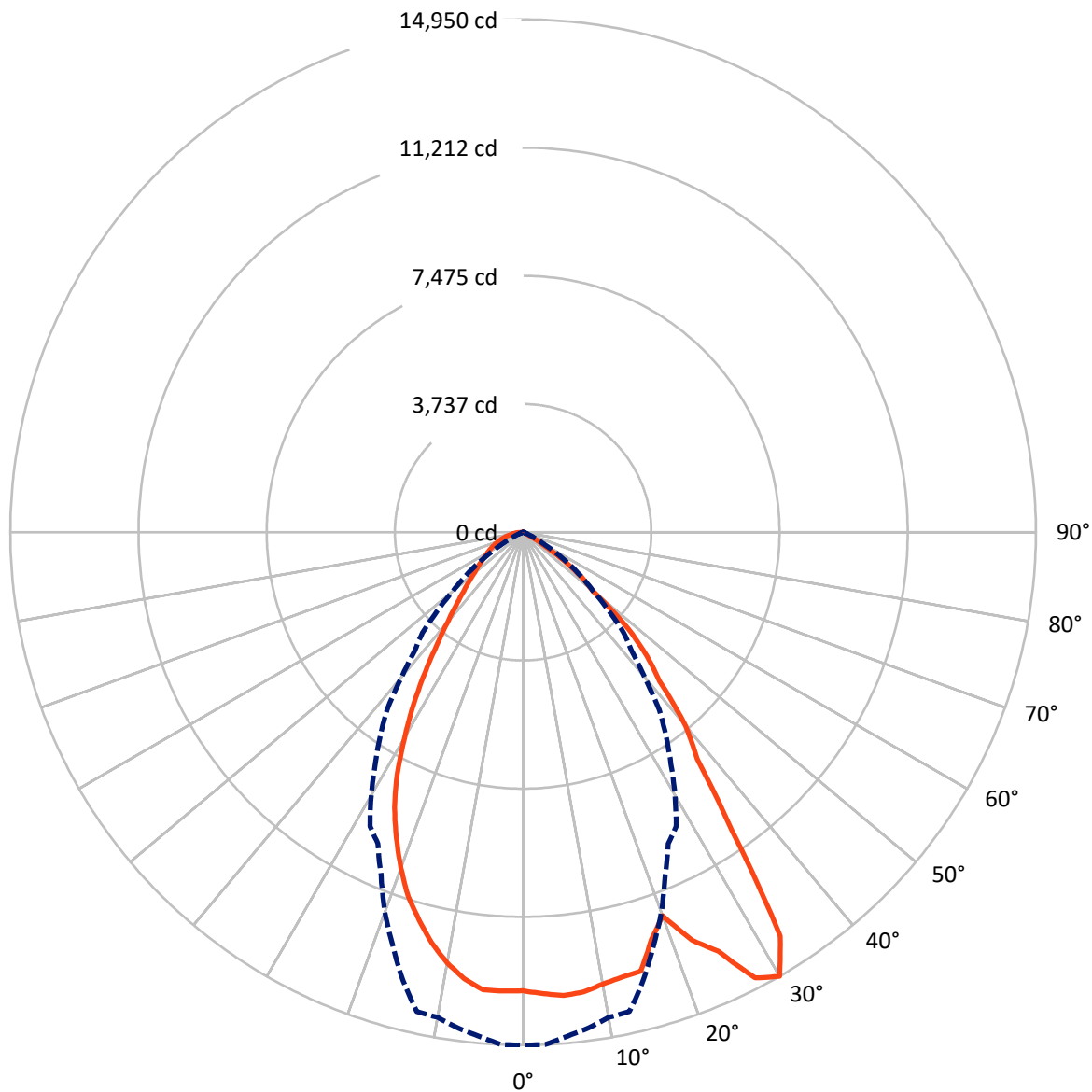
Lumen Table



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Luminous Intensity Polar Plot



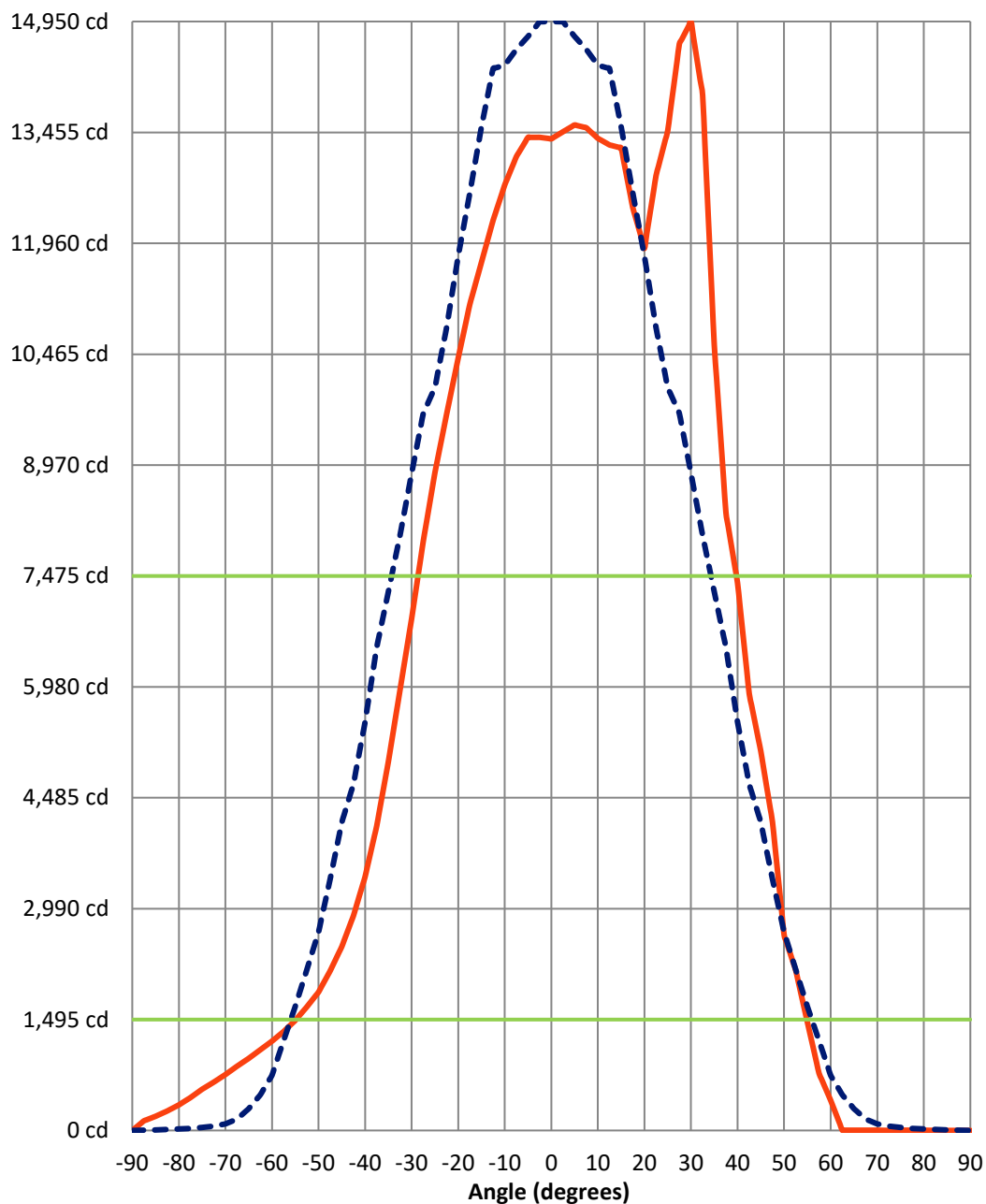
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 13661.6

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 20189.2

Efficiency: 94.3%

Spill:

Lumens: 1225.4

Efficiency: 5.7%

— 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°	0.0	0.0	0.0	0.0	3.4	3.4	3.4	3.4	3.4	3.4	3.4
85°	0.0	3.4	3.4	3.4	6.8	6.8	6.8	6.8	6.8	6.8	10.2
82.5°	0.0	3.4	3.4	3.4	6.8	6.8	6.8	6.8	10.2	10.2	13.6
80°	3.4	3.4	3.4	3.4	6.8	6.8	6.8	10.2	10.2	13.6	13.6
77.5°	3.4	3.4	3.4	6.8	6.8	6.8	10.2	10.2	13.6	13.6	17.0
75°	3.4	3.4	3.4	6.8	6.8	10.2	10.2	10.2	13.6	13.6	17.0
72.5°	0.0	3.4	3.4	6.8	6.8	10.2	10.2	10.2	13.6	13.6	13.6
70°	3.4	3.4	3.4	6.8	6.8	10.2	10.2	10.2	13.6	13.6	13.6
67.5°	3.4	3.4	3.4	6.8	6.8	10.2	10.2	13.6	13.6	13.6	17.0
65°	3.4	3.4	3.4	6.8	10.2	10.2	13.6	17.0	17.0	20.5	23.9
62.5°	3.4	6.8	6.8	10.2	13.6	17.0	37.5	58.0	58.0	40.9	34.1
60°	405.7	439.8	436.4	395.5	344.3	289.8	279.6	269.3	248.9	218.2	228.4
57.5°	770.5	811.4	828.5	818.2	791.0	743.2	716.0	685.3	644.4	596.6	542.1
55°	1459.2	1476.2	1438.7	1367.1	1288.7	1210.3	1183.0	1142.1	1080.7	1019.4	937.6
52.5°	2158.1	2216.0	2199.0	2127.4	2021.7	1881.9	1728.5	1609.2	1537.6	1469.4	1387.6
50°	2635.4	2659.3	2707.0	2792.2	2822.9	2727.4	2478.6	2158.1	1929.7	2045.6	1956.9
47.5°	4159.3	4278.7	4254.8	4193.4	4091.2	3832.1	3484.3	3197.9	2959.3	2880.9	2894.5
45°	5110.5	5158.3	5141.2	5113.9	5066.2	4824.2	4438.9	3999.1	3777.5	3688.9	3596.8
42.5°	5891.3	5942.4	5952.6	5956.0	5904.9	5683.3	5335.6	4895.8	4674.1	4418.5	4217.3
40°	7381.1	7456.1	7370.9	7258.4	7087.9	6835.6	6494.7	6089.0	5696.9	5383.3	5144.6
37.5°	8332.3	8424.4	8458.5	8451.7	8414.1	8305.1	7885.7	7500.5	6900.4	6198.1	6324.2
35°	10589.3	10684.7	10657.5	10555.2	10500.6	10384.7	9975.6	9518.8	8765.3	8001.6	7797.1
32.5°	13954.3	14162.2	13773.6	13347.4	13084.9	13176.9	12761.0	11642.8	11295.0	9917.6	9280.1
30°	14949.8	14946.4	14748.6	14574.7	14360.0	14315.6	13531.5	12638.3	11785.9	10821.1	10016.5
27.5°	14646.3	14585.0	14417.9	14291.8	14090.6	13984.9	13217.8	12508.7	11523.4	10660.9	9883.6
25°	13477.0	13524.7	13354.2	13330.4	13251.9	13047.4	12665.5	11867.8	10988.2	10033.6	9474.4
22.5°	12873.5	12856.5	12651.9	12532.6	12628.0	12409.8	12256.4	11451.8	10534.7	9730.1	9058.5
20°	11891.6	11895.0	11843.9	11833.7	11775.7	11676.8	11554.1	10984.8	10337.0	9648.3	8840.3
17.5°	12440.5	12580.3	12641.7	12133.7	12276.9	12164.4	12034.8	11240.5	10752.9	10142.7	9089.2
15°	13245.1	13194.0	13132.6	13105.3	13026.9	12921.2	12686.0	12051.9	11213.2	10582.5	9760.8
12.5°	13286.0	13187.2	13163.3	13159.9	13078.1	12931.5	12703.0	12178.0	11434.8	10667.7	9999.5
10°	13374.7	13272.4	13258.8	13275.8	13149.7	13057.6	12829.2	12341.7	11503.0	10814.3	10183.6
7.5°	13517.9	13347.4	13425.8	13374.7	13316.7	13170.1	12924.6	12447.3	11751.9	11008.6	10347.2
5°	13555.4	13367.9	13453.1	13405.4	13320.1	13176.9	12911.0	12515.5	11905.3	11087.0	10412.0
2.5°	13463.3	13408.8	13371.3	13282.6	13245.1	13088.3	12836.0	12413.3	11833.7	11052.9	10398.4
0°	13367.9	13415.6	13330.4	13241.7	13224.7	13098.5	12883.7	12501.9	12000.7	11148.4	10514.3
-2.5°	13388.3	13350.8	13292.9	13200.8	13112.2	12931.5	12737.1	12379.2	11840.5	10940.4	10350.6
-5°	13388.3	13214.4	13221.3	13224.7	13136.0	12948.5	12713.3	12409.8	11745.0	10937.0	10302.9
-7.5°	13129.2	12979.2	12955.3	12934.9	12911.0	12737.1	12553.0	12174.6	11584.8	10848.4	10169.9
-10°	12747.4	12600.8	12614.4	12583.7	12508.7	12392.8	12253.0	11912.1	11428.0	10568.8	9900.6
-12.5°	12270.1	12205.3	12167.8	12116.6	12041.6	11939.4	11796.2	11475.7	10957.5	10224.5	9590.4
-15°	11704.1	11656.4	11622.3	11591.6	11482.5	11376.8	11189.3	10892.7	10568.8	9781.3	9133.5
-17.5°	11138.2	11018.9	10971.1	10930.2	10858.6	10688.1	10517.7	10296.1	9842.6	9218.7	8663.0
-20°	10412.0	10340.4	10282.4	10227.9	10125.6	9992.7	9852.9	9597.2	9205.1	8700.5	8124.4

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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°	9651.7	9610.8	9563.1	9494.9	9426.7	9300.6	9106.2	8860.8	8553.9	8008.4	7469.8
-25°	8867.6	8789.2	8731.2	8666.4	8611.9	8496.0	8308.5	8073.2	7688.0	7217.5	6767.5
-27.5°	7943.7	7868.7	7838.0	7763.0	7715.2	7609.6	7422.0	7203.8	6856.1	6460.6	6003.8
-30°	6900.4	6914.1	6880.0	6808.4	6750.4	6614.0	6470.8	6286.7	6014.0	5635.6	5226.5
-32.5°	5935.6	5952.6	5911.7	5836.7	5761.7	5662.8	5529.9	5362.8	5158.3	4796.9	4442.3
-35°	4970.8	4963.9	4929.8	4885.5	4834.4	4752.6	4602.6	4476.4	4241.2	3988.9	3743.4
-37.5°	4104.8	4121.8	4111.6	4087.7	4029.8	3961.6	3838.9	3723.0	3549.1	3327.5	3136.6
-40°	3419.5	3440.0	3426.3	3402.5	3351.3	3310.4	3228.6	3126.3	2986.5	2795.6	2635.4
-42.5°	2894.5	2908.1	2891.1	2870.6	2826.3	2795.6	2730.8	2645.6	2529.7	2383.1	2239.9
-45°	2478.6	2482.0	2464.9	2451.3	2417.2	2379.7	2325.1	2257.0	2164.9	2062.6	1946.7
-47.5°	2151.3	2147.9	2130.8	2117.2	2089.9	2055.8	2011.5	1950.1	1878.5	1800.1	1708.1
-50°	1864.9	1881.9	1875.1	1861.5	1841.0	1817.2	1772.8	1708.1	1636.5	1578.5	1513.7
-52.5°	1667.1	1670.6	1667.1	1667.1	1663.7	1646.7	1595.6	1530.8	1452.4	1401.2	1346.7
-55°	1483.0	1500.1	1506.9	1513.7	1517.1	1517.1	1455.8	1387.6	1312.6	1261.4	1220.5
-57.5°	1333.0	1343.3	1350.1	1367.1	1380.8	1391.0	1336.4	1275.1	1217.1	1169.4	1131.9
-60°	1203.5	1217.1	1227.3	1244.4	1254.6	1261.4	1227.3	1186.4	1152.3	1121.7	1067.1
-62.5°	1087.6	1097.8	1108.0	1118.2	1128.5	1135.3	1121.7	1101.2	1084.2	1070.5	1002.3
-65°	971.6	981.9	992.1	1005.7	1016.0	1022.8	1019.4	1005.7	992.1	978.5	917.1
-67.5°	866.0	876.2	889.8	893.2	900.1	903.5	896.6	886.4	869.4	852.3	804.6
-70°	753.5	760.3	767.1	767.1	767.1	763.7	756.9	743.2	726.2	702.3	664.8
-72.5°	651.2	658.0	664.8	654.6	647.8	637.5	627.3	610.3	593.2	576.2	555.7
-75°	555.7	559.1	559.1	545.5	535.3	525.0	511.4	501.2	484.1	470.5	453.4
-77.5°	443.2	443.2	443.2	433.0	426.2	419.3	409.1	398.9	385.3	375.0	361.4
-80°	344.3	344.3	344.3	340.9	330.7	323.9	317.1	310.2	300.0	293.2	286.4
-82.5°	262.5	262.5	262.5	259.1	252.3	248.9	242.1	235.2	231.8	225.0	221.6
-85°	190.9	194.3	194.3	190.9	187.5	180.7	177.3	173.9	170.5	167.1	160.2
-87.5°	129.6	129.6	129.6	126.1	122.7	122.7	119.3	112.5	105.7	102.3	98.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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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°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
85°	10.2	10.2	10.2	13.6	13.6	13.6	13.6	13.6	13.6	13.6	10.2
82.5°	17.0	17.0	20.5	20.5	23.9	23.9	23.9	23.9	23.9	23.9	23.9
80°	17.0	20.5	23.9	27.3	30.7	34.1	34.1	34.1	34.1	30.7	30.7
77.5°	20.5	20.5	23.9	27.3	30.7	34.1	37.5	40.9	37.5	37.5	37.5
75°	20.5	23.9	23.9	27.3	30.7	34.1	37.5	40.9	40.9	40.9	40.9
72.5°	17.0	20.5	23.9	27.3	27.3	30.7	34.1	34.1	37.5	37.5	40.9
70°	17.0	20.5	23.9	23.9	27.3	27.3	30.7	34.1	34.1	37.5	37.5
67.5°	20.5	23.9	23.9	27.3	30.7	30.7	30.7	34.1	34.1	37.5	37.5
65°	23.9	27.3	27.3	30.7	34.1	34.1	37.5	37.5	37.5	40.9	40.9
62.5°	40.9	40.9	40.9	37.5	40.9	40.9	40.9	44.3	44.3	40.9	44.3
60°	211.4	153.4	105.7	133.0	119.3	54.5	54.5	54.5	51.1	51.1	47.7
57.5°	497.8	463.7	398.9	337.5	303.4	269.3	167.1	68.2	68.2	61.4	54.5
55°	831.9	719.4	671.6	589.8	501.2	460.3	381.8	259.1	122.7	81.8	71.6
52.5°	1288.7	1183.0	1060.3	893.2	773.9	678.5	613.7	487.5	327.3	173.9	109.1
50°	1725.1	1677.4	1602.4	1438.7	1189.8	1029.6	923.9	780.7	586.4	358.0	204.6
47.5°	2778.6	2379.7	2137.6	2011.5	1803.5	1500.1	1295.5	1135.3	900.1	603.4	361.4
45°	3497.9	3245.7	2860.4	2594.5	2287.6	1967.2	1701.2	1517.1	1237.6	903.5	565.9
42.5°	4115.0	3896.8	3549.1	3160.4	2836.5	2417.2	2076.3	1834.2	1599.0	1234.2	845.5
40°	4909.4	4650.3	4316.2	3937.7	3559.3	3024.0	2471.7	2178.5	1919.4	1595.6	1142.1
37.5°	6218.6	5761.7	5216.2	4796.9	4302.5	3849.1	3092.2	2574.0	2267.2	1929.7	1489.9
35°	7793.7	7292.5	6382.2	5826.5	5165.1	4490.0	3808.2	3041.1	2604.7	2246.7	1810.3
32.5°	9259.7	8526.7	7360.7	6709.5	6269.7	5025.3	4319.6	3654.8	2952.5	2512.7	1994.4
30°	9665.4	8857.4	8022.1	7261.8	6511.8	5506.0	4670.7	4152.5	3388.8	2672.9	2168.3
27.5°	9256.2	8700.5	8052.8	7347.0	6535.6	5673.1	4885.5	4391.2	3709.3	2782.0	2304.7
25°	8840.3	8260.7	7807.3	7217.5	6467.4	5662.8	4892.3	4541.2	3958.2	2993.4	2379.7
22.5°	8400.5	8039.1	7664.1	7006.1	6297.0	5693.5	5113.9	4670.7	4087.7	3232.0	2410.4
20°	8424.4	8189.1	7776.6	6897.0	6266.3	5874.2	5379.9	4834.4	4227.5	3440.0	2434.2
17.5°	8806.2	8499.4	7981.2	7217.5	6542.4	6058.3	5601.5	5059.4	4370.7	3624.1	2724.0
15°	9276.7	8809.6	8267.5	7595.9	6832.2	6259.5	5771.9	5216.2	4534.4	3794.5	2983.1
12.5°	9617.6	8952.8	8444.8	7838.0	7145.9	6477.7	5884.4	5335.6	4687.8	3934.3	3177.5
10°	9733.5	9130.1	8530.1	7988.0	7306.1	6593.6	5969.7	5410.6	4820.7	4043.4	3320.7
7.5°	9794.9	9283.5	8588.0	8056.2	7401.6	6665.2	6037.9	5451.5	4926.4	4118.4	3412.7
5°	9788.1	9365.3	8632.3	8076.6	7452.7	6695.9	6085.6	5461.7	5001.4	4183.2	3467.3
2.5°	9757.4	9419.9	8703.9	8110.7	7555.0	6753.8	6177.6	5482.2	5028.7	4254.8	3504.8
0°	9869.9	9423.3	8778.9	8120.9	7623.2	6774.3	6218.6	5465.1	4991.2	4275.3	3501.3
-2.5°	9627.9	9222.2	8761.9	8032.3	7531.1	6726.5	6143.6	5410.6	4909.4	4251.4	3487.7
-5°	9586.9	9075.6	8618.7	7950.5	7377.7	6627.7	6003.8	5308.3	4779.8	4173.0	3433.2
-7.5°	9477.8	8935.8	8478.9	7885.7	7234.5	6525.4	5870.8	5202.6	4640.1	4050.2	3354.7
-10°	9239.2	8721.0	8328.9	7745.9	7060.7	6378.8	5710.6	5062.8	4476.4	3883.2	3232.0
-12.5°	8898.3	8380.1	7991.4	7449.3	6842.5	6181.1	5519.7	4882.1	4288.9	3705.9	3085.4
-15°	8513.0	7988.0	7599.3	7105.0	6518.6	5874.2	5277.6	4653.7	4074.1	3518.4	2911.5
-17.5°	8076.6	7578.9	7203.8	6723.1	6140.1	5526.5	4933.3	4367.3	3825.2	3324.1	2710.4
-20°	7572.1	7087.9	6743.6	6262.9	5727.6	5131.0	4554.8	4019.6	3532.0	3061.5	2488.8

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CATALOG NUMBER: IFLD-M-SA4C-722-U-76-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	6948.1	6522.0	6129.9	5700.3	5233.3	4687.8	4152.5	3678.6	3211.6	2751.3	2260.4
-25°	6310.6	5898.1	5516.2	5124.2	4677.6	4207.1	3750.2	3320.7	2863.8	2447.9	2038.8
-27.5°	5601.5	5233.3	4892.3	4531.0	4121.8	3716.1	3341.1	2921.8	2526.3	2171.7	1820.6
-30°	4844.6	4544.6	4248.0	3927.5	3596.8	3255.9	2921.8	2526.3	2216.0	1933.1	1636.5
-32.5°	4118.4	3849.1	3610.4	3371.8	3085.4	2805.9	2509.2	2216.0	1956.9	1708.1	1459.2
-35°	3480.9	3194.5	3061.5	2870.6	2642.2	2389.9	2147.9	1943.3	1735.3	1510.3	1288.7
-37.5°	2928.6	2744.5	2587.7	2444.5	2263.8	2045.6	1871.7	1704.6	1530.8	1326.2	1135.3
-40°	2495.6	2362.6	2205.8	2100.1	1953.5	1796.7	1622.8	1483.0	1336.4	1169.4	1012.6
-42.5°	2147.9	2038.8	1936.5	1824.0	1714.9	1581.9	1431.9	1298.9	1166.0	1043.2	913.7
-45°	1861.5	1783.1	1701.2	1609.2	1513.7	1397.8	1275.1	1138.7	1043.2	934.1	825.1
-47.5°	1626.2	1568.3	1500.1	1428.5	1346.7	1244.4	1131.9	1033.0	934.1	842.1	736.4
-50°	1438.7	1384.2	1329.6	1268.3	1196.7	1108.0	1022.8	930.7	838.7	750.0	651.2
-52.5°	1281.9	1234.2	1189.8	1138.7	1070.5	995.5	917.1	835.3	750.0	661.4	583.0
-55°	1172.8	1118.2	1073.9	1022.8	961.4	889.8	818.2	743.2	661.4	593.2	528.4
-57.5°	1084.2	1022.8	971.6	917.1	855.7	794.4	729.6	661.4	600.0	535.3	473.9
-60°	1009.2	937.6	879.6	825.1	767.1	709.1	654.6	596.6	538.7	480.7	419.3
-62.5°	930.7	855.7	784.1	733.0	688.7	637.5	589.8	535.3	484.1	426.2	381.8
-65°	842.1	770.5	702.3	658.0	617.1	572.8	528.4	480.7	436.4	392.1	351.2
-67.5°	743.2	681.9	634.1	593.2	552.3	514.8	473.9	433.0	395.5	351.2	310.2
-70°	623.9	589.8	562.5	531.9	494.3	460.3	422.8	385.3	344.3	306.8	269.3
-72.5°	531.9	511.4	490.9	460.3	426.2	395.5	364.8	330.7	296.6	262.5	231.8
-75°	436.4	419.3	402.3	381.8	354.6	330.7	303.4	272.7	245.5	221.6	197.7
-77.5°	351.2	337.5	327.3	310.2	289.8	269.3	252.3	231.8	211.4	187.5	163.6
-80°	279.6	272.7	269.3	262.5	245.5	228.4	214.8	197.7	177.3	160.2	143.2
-82.5°	218.2	218.2	214.8	211.4	197.7	184.1	173.9	160.2	146.6	133.0	115.9
-85°	160.2	156.8	156.8	153.4	143.2	136.4	126.1	119.3	109.1	95.5	88.6
-87.5°	95.5	92.1	88.6	85.2	78.4	75.0	68.2	64.8	58.0	51.1	47.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P722382

CATALOG NUMBER: IFLD-M-SA4C-722-U-76-VI

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°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	0.0	0.0
85°	10.2	6.8	6.8	6.8	6.8	6.8	3.4	3.4	3.4	3.4	3.4
82.5°	20.5	20.5	17.0	17.0	13.6	10.2	6.8	6.8	6.8	3.4	3.4
80°	30.7	30.7	30.7	27.3	23.9	17.0	13.6	10.2	6.8	3.4	3.4
77.5°	37.5	34.1	34.1	30.7	30.7	27.3	20.5	17.0	10.2	6.8	3.4
75°	37.5	37.5	37.5	34.1	34.1	30.7	27.3	20.5	17.0	10.2	6.8
72.5°	40.9	37.5	37.5	37.5	34.1	30.7	27.3	23.9	20.5	13.6	6.8
70°	37.5	37.5	37.5	37.5	34.1	34.1	27.3	23.9	23.9	13.6	10.2
67.5°	37.5	37.5	37.5	34.1	34.1	30.7	27.3	23.9	23.9	17.0	10.2
65°	40.9	37.5	37.5	37.5	34.1	30.7	27.3	23.9	23.9	20.5	13.6
62.5°	44.3	40.9	40.9	37.5	34.1	30.7	27.3	23.9	23.9	20.5	13.6
60°	47.7	44.3	40.9	40.9	37.5	34.1	27.3	27.3	23.9	20.5	13.6
57.5°	51.1	47.7	47.7	44.3	40.9	37.5	30.7	27.3	23.9	20.5	17.0
55°	61.4	54.5	51.1	51.1	47.7	40.9	34.1	27.3	23.9	20.5	17.0
52.5°	81.8	64.8	58.0	58.0	54.5	47.7	37.5	30.7	23.9	20.5	17.0
50°	129.6	81.8	68.2	61.4	61.4	54.5	44.3	34.1	23.9	20.5	17.0
47.5°	204.6	136.4	81.8	71.6	68.2	64.8	51.1	34.1	27.3	20.5	17.0
45°	337.5	201.1	133.0	85.2	71.6	68.2	58.0	37.5	27.3	23.9	17.0
42.5°	463.7	313.7	204.6	102.3	85.2	75.0	61.4	40.9	30.7	23.9	17.0
40°	729.6	429.6	286.4	167.1	98.9	78.4	68.2	47.7	30.7	23.9	17.0
37.5°	988.7	569.4	385.3	245.5	112.5	88.6	71.6	51.1	34.1	23.9	20.5
35°	1247.8	797.8	477.3	327.3	150.0	105.7	75.0	54.5	34.1	23.9	20.5
32.5°	1479.6	1012.6	572.8	409.1	225.0	126.1	81.8	58.0	37.5	27.3	20.5
30°	1670.6	1210.3	743.2	480.7	293.2	153.4	88.6	58.0	40.9	27.3	20.5
27.5°	1813.7	1363.7	917.1	555.7	351.2	180.7	102.3	64.8	40.9	27.3	20.5
25°	1929.7	1483.0	1070.5	634.1	402.3	225.0	122.7	68.2	44.3	30.7	20.5
22.5°	2021.7	1581.9	1196.7	739.8	463.7	269.3	150.0	75.0	44.3	30.7	20.5
20°	2147.9	1680.8	1281.9	852.3	528.4	310.2	173.9	81.8	44.3	30.7	23.9
17.5°	2257.0	1779.7	1350.1	947.8	593.2	340.9	201.1	88.6	47.7	30.7	23.9
15°	2383.1	1875.1	1411.4	1022.8	654.6	368.2	225.0	95.5	47.7	34.1	23.9
12.5°	2519.5	1963.8	1455.8	1084.2	719.4	392.1	245.5	109.1	51.1	34.1	23.9
10°	2659.3	2038.8	1493.3	1128.5	767.1	415.9	259.1	122.7	54.5	34.1	23.9
7.5°	2799.0	2106.9	1541.0	1148.9	787.5	443.2	265.9	136.4	54.5	37.5	23.9
5°	2894.5	2151.3	1609.2	1162.6	797.8	473.9	276.2	153.4	58.0	37.5	23.9
2.5°	2976.3	2178.5	1680.8	1172.8	801.2	490.9	272.7	163.6	61.4	37.5	23.9
0°	3013.8	2178.5	1728.5	1166.0	791.0	508.0	272.7	173.9	61.4	37.5	23.9
-2.5°	2955.9	2239.9	1714.9	1169.4	794.4	508.0	286.4	177.3	68.2	40.9	23.9
-5°	2863.8	2263.8	1674.0	1152.3	787.5	508.0	303.4	180.7	71.6	40.9	27.3
-7.5°	2775.2	2274.0	1626.2	1135.3	777.3	494.3	306.8	177.3	78.4	44.3	27.3
-10°	2659.3	2161.5	1564.9	1104.6	756.9	484.1	313.7	177.3	81.8	44.3	27.3
-12.5°	2526.3	2025.1	1489.9	1060.3	733.0	473.9	317.1	177.3	85.2	47.7	27.3
-15°	2372.9	1885.3	1404.6	1012.6	698.9	460.3	310.2	173.9	88.6	47.7	30.7
-17.5°	2199.0	1749.0	1316.0	954.6	661.4	443.2	296.6	170.5	88.6	47.7	30.7
-20°	2001.3	1612.6	1217.1	896.6	617.1	422.8	283.0	163.6	88.6	47.7	30.7



REPORT NUMBER: P722382

CATALOG NUMBER: IFLD-M-SA4C-722-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1824.0	1486.5	1114.8	831.9	569.4	398.9	265.9	156.8	88.6	51.1	30.7
-25°	1677.4	1363.7	1036.4	767.1	518.2	371.6	248.9	150.0	88.6	51.1	30.7
-27.5°	1524.0	1230.8	954.6	705.7	484.1	347.7	231.8	143.2	85.2	51.1	30.7
-30°	1367.1	1101.2	869.4	637.5	450.0	323.9	218.2	133.0	85.2	51.1	30.7
-32.5°	1223.9	995.5	791.0	569.4	412.5	300.0	204.6	129.6	81.8	51.1	30.7
-35°	1084.2	900.1	709.1	514.8	371.6	276.2	190.9	126.1	81.8	51.1	30.7
-37.5°	968.2	811.4	634.1	477.3	347.7	255.7	177.3	119.3	78.4	51.1	30.7
-40°	872.8	729.6	562.5	436.4	327.3	235.2	163.6	115.9	78.4	51.1	30.7
-42.5°	784.1	651.2	518.2	402.3	306.8	221.6	153.4	112.5	75.0	51.1	30.7
-45°	705.7	583.0	473.9	371.6	283.0	204.6	146.6	105.7	71.6	51.1	34.1
-47.5°	627.3	535.3	433.0	344.3	259.1	184.1	139.8	102.3	68.2	47.7	34.1
-50°	565.9	484.1	398.9	313.7	235.2	177.3	133.0	95.5	68.2	47.7	34.1
-52.5°	511.4	436.4	361.4	283.0	214.8	167.1	126.1	88.6	64.8	47.7	34.1
-55°	460.3	392.1	323.9	252.3	201.1	156.8	115.9	81.8	64.8	47.7	34.1
-57.5°	409.1	351.2	286.4	228.4	184.1	146.6	109.1	81.8	64.8	47.7	34.1
-60°	368.2	313.7	259.1	211.4	170.5	133.0	98.9	78.4	61.4	47.7	34.1
-62.5°	334.1	283.0	235.2	190.9	156.8	119.3	95.5	78.4	61.4	47.7	30.7
-65°	300.0	255.7	211.4	173.9	139.8	112.5	92.1	75.0	61.4	47.7	30.7
-67.5°	265.9	225.0	190.9	153.4	129.6	109.1	88.6	75.0	58.0	44.3	30.7
-70°	231.8	197.7	167.1	143.2	122.7	102.3	85.2	71.6	58.0	40.9	27.3
-72.5°	204.6	173.9	150.0	133.0	115.9	98.9	81.8	68.2	54.5	37.5	23.9
-75°	173.9	153.4	136.4	119.3	105.7	92.1	78.4	61.4	47.7	34.1	23.9
-77.5°	146.6	133.0	119.3	109.1	95.5	81.8	68.2	54.5	44.3	30.7	20.5
-80°	126.1	115.9	105.7	95.5	85.2	71.6	61.4	47.7	37.5	27.3	17.0
-82.5°	102.3	95.5	85.2	78.4	71.6	61.4	51.1	40.9	27.3	20.5	13.6
-85°	78.4	71.6	68.2	61.4	54.5	44.3	34.1	27.3	20.5	13.6	6.8
-87.5°	40.9	37.5	34.1	30.7	27.3	20.5	17.0	13.6	10.2	6.8	3.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P722382

CATALOG NUMBER: IFLD-M-SA4C-722-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0
80°	3.4	0.0	0.0	0.0
77.5°	3.4	0.0	0.0	0.0
75°	3.4	3.4	0.0	0.0
72.5°	3.4	3.4	0.0	0.0
70°	3.4	3.4	0.0	0.0
67.5°	6.8	3.4	0.0	0.0
65°	6.8	3.4	0.0	0.0
62.5°	6.8	3.4	0.0	0.0
60°	6.8	3.4	0.0	0.0
57.5°	10.2	3.4	3.4	0.0
55°	10.2	3.4	3.4	0.0
52.5°	10.2	3.4	3.4	0.0
50°	10.2	6.8	3.4	0.0
47.5°	10.2	6.8	3.4	0.0
45°	10.2	6.8	3.4	0.0
42.5°	10.2	6.8	3.4	0.0
40°	13.6	6.8	3.4	0.0
37.5°	13.6	6.8	3.4	0.0
35°	13.6	6.8	3.4	0.0
32.5°	13.6	6.8	3.4	0.0
30°	13.6	6.8	3.4	0.0
27.5°	13.6	10.2	3.4	0.0
25°	13.6	10.2	3.4	0.0
22.5°	17.0	10.2	3.4	0.0
20°	17.0	10.2	3.4	0.0
17.5°	17.0	10.2	3.4	0.0
15°	17.0	10.2	3.4	0.0
12.5°	17.0	10.2	3.4	0.0
10°	17.0	10.2	3.4	0.0
7.5°	17.0	10.2	3.4	0.0
5°	17.0	10.2	3.4	0.0
2.5°	17.0	10.2	3.4	0.0
0°	17.0	10.2	3.4	0.0
-2.5°	17.0	10.2	3.4	0.0
-5°	17.0	10.2	3.4	0.0
-7.5°	17.0	10.2	3.4	0.0
-10°	17.0	10.2	3.4	0.0
-12.5°	20.5	10.2	3.4	0.0
-15°	20.5	10.2	3.4	0.0
-17.5°	20.5	10.2	3.4	0.0
-20°	20.5	10.2	3.4	0.0

REPORT NUMBER: P722382

CATALOG NUMBER: IFLD-M-SA4C-722-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	20.5	10.2	3.4	0.0
-25°	20.5	10.2	3.4	0.0
-27.5°	20.5	10.2	3.4	0.0
-30°	20.5	10.2	3.4	0.0
-32.5°	20.5	10.2	3.4	0.0
-35°	20.5	10.2	3.4	0.0
-37.5°	20.5	10.2	3.4	0.0
-40°	20.5	10.2	3.4	0.0
-42.5°	17.0	10.2	3.4	0.0
-45°	20.5	10.2	3.4	0.0
-47.5°	20.5	10.2	3.4	0.0
-50°	20.5	10.2	3.4	0.0
-52.5°	20.5	10.2	3.4	0.0
-55°	20.5	10.2	3.4	0.0
-57.5°	20.5	10.2	3.4	0.0
-60°	20.5	10.2	3.4	0.0
-62.5°	17.0	10.2	3.4	0.0
-65°	17.0	6.8	3.4	0.0
-67.5°	17.0	6.8	3.4	0.0
-70°	17.0	6.8	3.4	0.0
-72.5°	13.6	6.8	3.4	0.0
-75°	13.6	6.8	3.4	0.0
-77.5°	10.2	3.4	0.0	0.0
-80°	10.2	3.4	0.0	0.0
-82.5°	6.8	3.4	0.0	0.0
-85°	3.4	3.4	0.0	0.0
-87.5°	3.4	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)