

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: P722616

Luminaire Tested: **IFLD-M-SA4E-830-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722616
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4E-830-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (64) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	29416.3 lumens	Max Intensity:	20535.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	93.4 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:	18766.3 lumens	Field Lumens:	27733 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

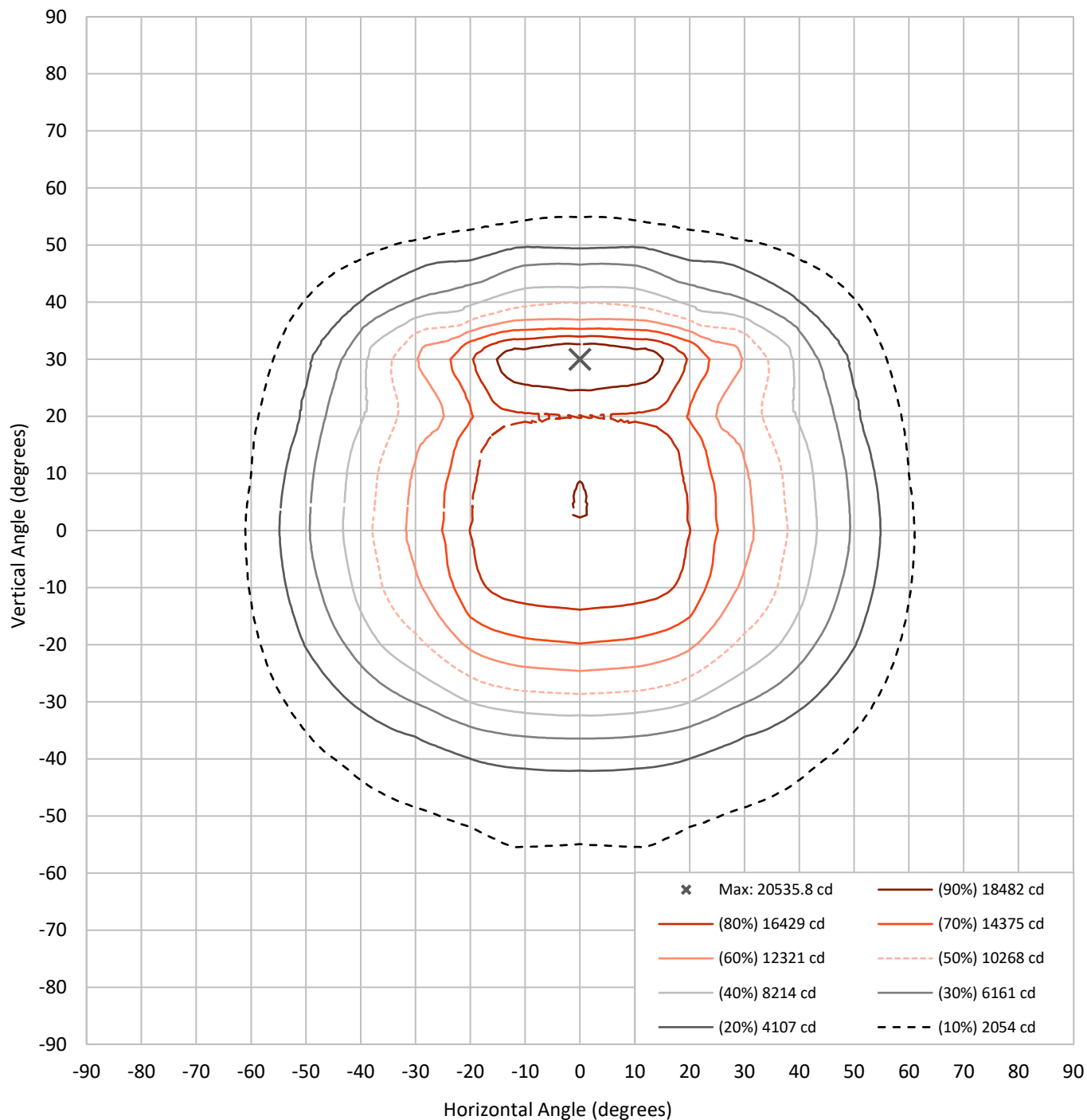
Input Watts (W): 314.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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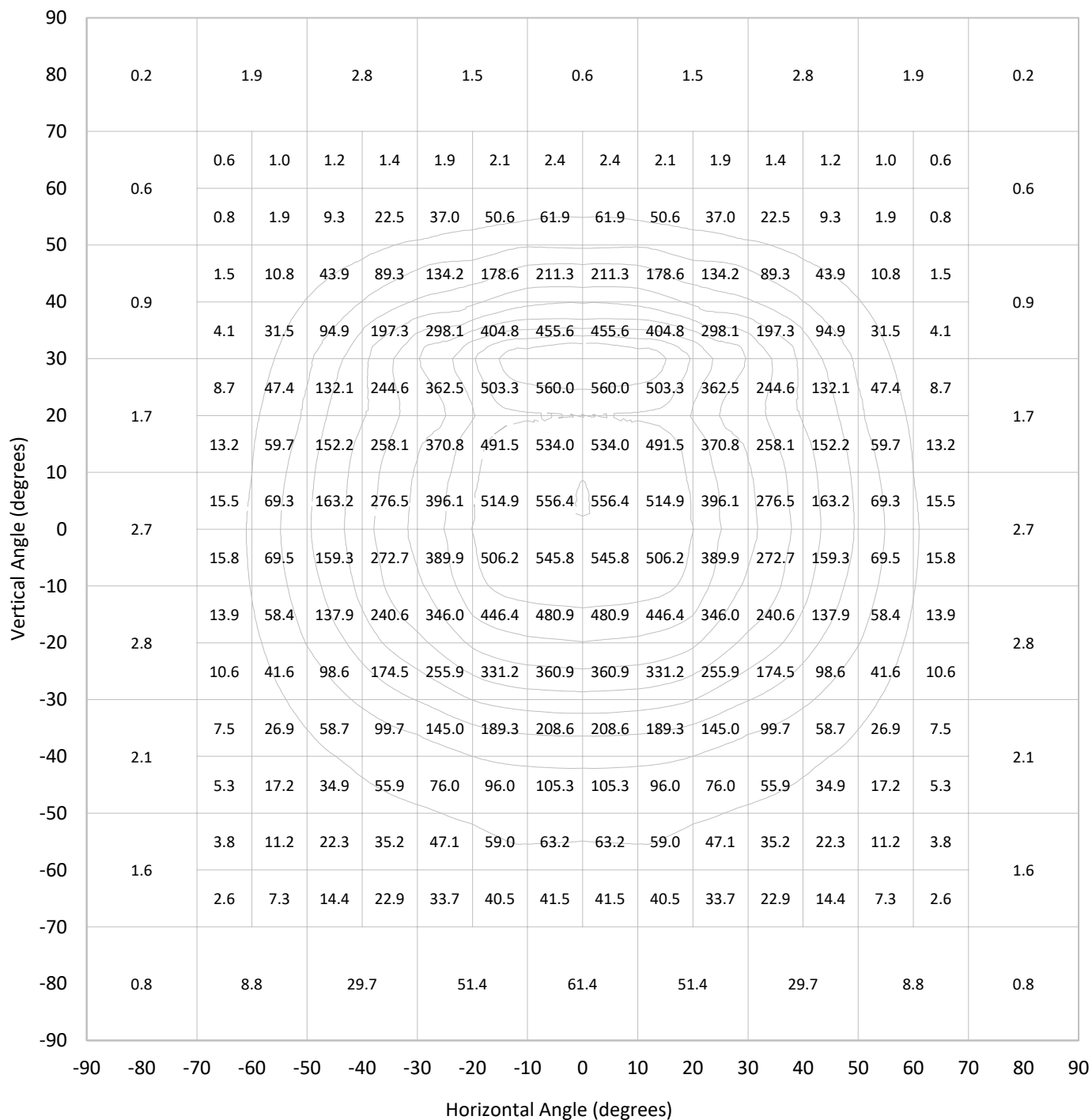
Iso-Candela Plot



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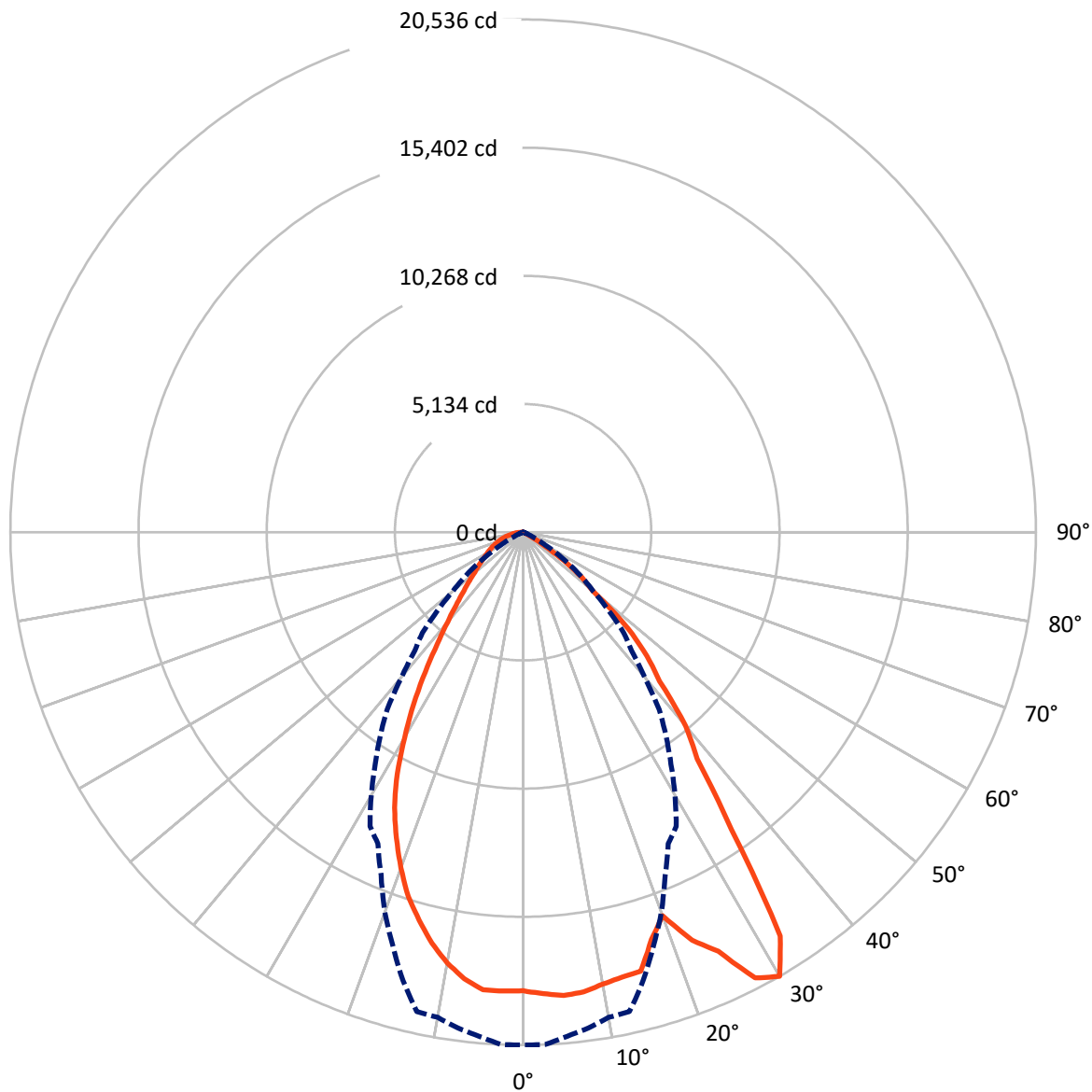
Lumen Table



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Luminous Intensity Polar Plot



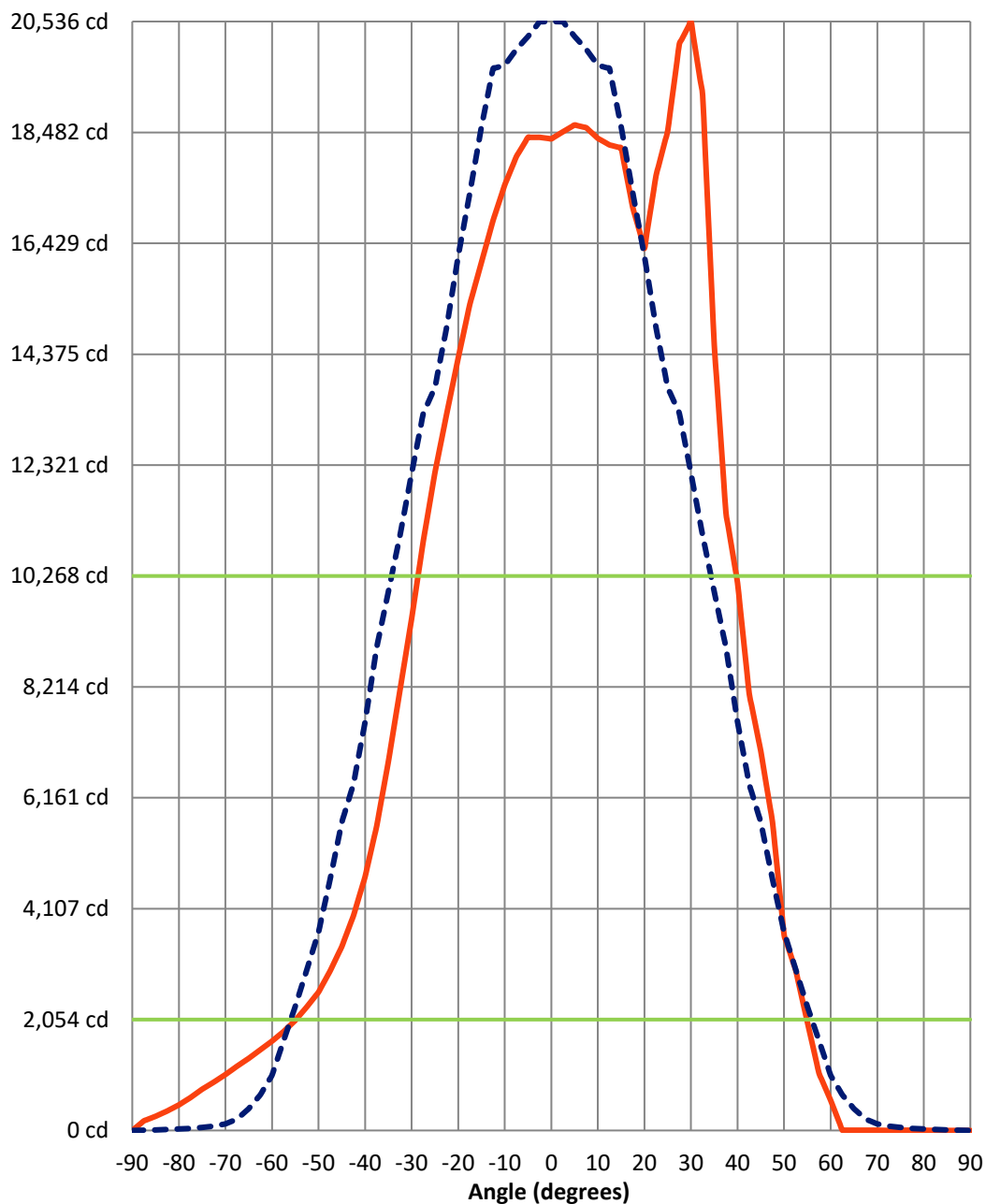
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 18766.3

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 27733

Efficiency: 94.3%

Spill:

Lumens: 1683.3

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	4.7	4.7	4.7	4.7	4.7	4.7	4.7
85°	0.0	4.7	4.7	4.7	9.4	9.4	9.4	9.4	9.4	9.4	14.0
82.5°	0.0	4.7	4.7	4.7	9.4	9.4	9.4	9.4	14.0	14.0	18.7
80°	4.7	4.7	4.7	4.7	9.4	9.4	9.4	14.0	14.0	18.7	18.7
77.5°	4.7	4.7	4.7	9.4	9.4	9.4	14.0	14.0	18.7	18.7	23.4
75°	4.7	4.7	4.7	9.4	9.4	14.0	14.0	14.0	18.7	18.7	23.4
72.5°	0.0	4.7	4.7	9.4	9.4	14.0	14.0	14.0	18.7	18.7	18.7
70°	4.7	4.7	4.7	9.4	9.4	14.0	14.0	14.0	18.7	18.7	18.7
67.5°	4.7	4.7	4.7	9.4	9.4	14.0	14.0	18.7	18.7	18.7	23.4
65°	4.7	4.7	4.7	9.4	14.0	14.0	18.7	23.4	23.4	28.1	32.8
62.5°	4.7	9.4	9.4	14.0	18.7	23.4	51.5	79.6	79.6	56.2	46.8
60°	557.3	604.1	599.4	543.3	473.0	398.1	384.0	370.0	341.9	299.7	313.8
57.5°	1058.4	1114.6	1138.0	1124.0	1086.5	1020.9	983.5	941.3	885.1	819.6	744.6
55°	2004.4	2027.8	1976.3	1878.0	1770.3	1662.5	1625.1	1568.9	1484.6	1400.3	1287.9
52.5°	2964.5	3044.1	3020.7	2922.3	2777.1	2585.1	2374.4	2210.5	2112.1	2018.5	1906.1
50°	3620.1	3652.9	3718.5	3835.5	3877.7	3746.6	3404.7	2964.5	2650.7	2809.9	2688.2
47.5°	5713.5	5877.4	5844.6	5760.3	5619.8	5263.9	4786.2	4392.8	4065.0	3957.3	3976.0
45°	7020.1	7085.7	7062.3	7024.8	6959.2	6626.7	6097.5	5493.4	5189.0	5067.2	4940.8
42.5°	8092.6	8162.8	8176.9	8181.6	8111.3	7806.9	7329.2	6725.1	6420.7	6069.4	5793.1
40°	10139.1	10242.2	10125.1	9970.5	9736.4	9389.8	8921.5	8364.2	7825.6	7394.8	7067.0
37.5°	11445.7	11572.2	11619.0	11609.7	11558.1	11408.3	10832.2	10303.0	9478.8	8514.1	8687.3
35°	14546.0	14677.2	14639.7	14499.2	14424.3	14265.0	13703.0	13075.5	12040.5	10991.5	10710.5
32.5°	19168.3	19454.0	18920.1	18334.7	17974.1	18100.6	17529.2	15993.1	15515.4	13623.4	12747.7
30°	20535.8	20531.2	20259.5	20020.7	19725.6	19664.8	18587.6	17360.6	16189.8	14864.5	13759.2
27.5°	20119.0	20034.7	19805.3	19632.0	19355.7	19210.5	18156.8	17182.7	15829.2	14644.4	13576.6
25°	18512.7	18578.3	18344.1	18311.3	18203.6	17922.6	17398.1	16302.2	15094.0	13782.7	13014.6
22.5°	17683.8	17660.4	17379.4	17215.5	17346.6	17046.9	16836.1	15730.9	14471.1	13365.9	12443.3
20°	16335.0	16339.7	16269.4	16255.4	16175.8	16040.0	15871.4	15089.3	14199.5	13253.5	12143.5
17.5°	17089.0	17281.0	17365.3	16667.5	16864.2	16709.7	16531.7	15440.5	14770.8	13932.5	12485.4
15°	18194.2	18124.0	18039.7	18002.2	17894.5	17749.3	17426.2	16555.1	15403.1	14536.7	13408.0
12.5°	18250.4	18114.6	18081.8	18077.2	17964.8	17763.4	17449.6	16728.4	15707.5	14653.7	13735.8
10°	18372.2	18231.7	18213.0	18236.4	18063.1	17936.7	17622.9	16953.2	15801.1	14855.1	13988.7
7.5°	18568.9	18334.7	18442.5	18372.2	18292.6	18091.2	17754.0	17098.4	16143.0	15122.1	14213.5
5°	18620.4	18362.8	18479.9	18414.4	18297.3	18100.6	17735.3	17192.0	16353.7	15229.8	14302.5
2.5°	18494.0	18419.0	18367.5	18245.8	18194.2	17978.8	17632.3	17051.5	16255.4	15182.9	14283.8
0°	18362.8	18428.4	18311.3	18189.6	18166.1	17992.9	17697.8	17173.3	16484.9	15314.1	14443.0
-2.5°	18390.9	18339.4	18259.8	18133.4	18011.6	17763.4	17496.4	17004.7	16264.8	15028.4	14218.2
-5°	18390.9	18152.1	18161.5	18166.1	18044.4	17786.8	17463.7	17046.9	16133.6	15023.7	14152.6
-7.5°	18035.0	17829.0	17796.2	17768.1	17735.3	17496.4	17243.6	16723.7	15913.5	14901.9	13970.0
-10°	17510.5	17309.1	17327.8	17285.7	17182.7	17023.4	16831.4	16363.1	15698.1	14517.9	13600.0
-12.5°	16854.8	16765.9	16714.3	16644.1	16541.1	16400.6	16203.9	15763.7	15051.8	14044.9	13173.8
-15°	16077.4	16011.9	15965.0	15922.9	15773.0	15627.8	15370.3	14962.8	14517.9	13436.1	12546.3
-17.5°	15300.0	15136.1	15070.5	15014.3	14916.0	14681.8	14447.7	14143.3	13520.4	12663.4	11900.0
-20°	14302.5	14204.2	14124.5	14049.6	13909.1	13726.5	13534.5	13183.2	12644.6	11951.5	11160.1

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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°	13258.1	13201.9	13136.4	13042.7	12949.1	12775.8	12508.8	12171.6	11750.2	11000.8	10260.9
-25°	12181.0	12073.3	11993.7	11904.7	11829.8	11670.5	11413.0	11089.8	10560.6	9914.3	9296.2
-27.5°	10911.9	10808.8	10766.7	10663.7	10598.1	10452.9	10195.3	9895.6	9417.9	8874.7	8247.1
-30°	9478.8	9497.5	9450.7	9352.4	9272.7	9085.4	8888.7	8635.8	8261.2	7741.3	7179.3
-32.5°	8153.5	8176.9	8120.7	8017.6	7914.6	7778.8	7596.2	7366.7	7085.7	6589.3	6102.2
-35°	6828.1	6818.7	6771.9	6711.0	6640.8	6528.4	6322.3	6149.0	5825.9	5479.3	5142.2
-37.5°	5638.6	5662.0	5647.9	5615.2	5535.5	5441.9	5273.3	5114.1	4875.2	4570.8	4308.5
-40°	4697.3	4725.4	4706.6	4673.8	4603.6	4547.4	4435.0	4294.5	4102.5	3840.2	3620.1
-42.5°	3976.0	3994.8	3971.4	3943.3	3882.4	3840.2	3751.2	3634.2	3474.9	3273.6	3076.9
-45°	3404.7	3409.4	3386.0	3367.2	3320.4	3268.9	3193.9	3100.3	2973.8	2833.3	2674.1
-47.5°	2955.1	2950.4	2927.0	2908.3	2870.8	2824.0	2763.1	2678.8	2580.4	2472.7	2346.3
-50°	2561.7	2585.1	2575.8	2557.0	2528.9	2496.1	2435.3	2346.3	2247.9	2168.3	2079.3
-52.5°	2290.1	2294.8	2290.1	2290.1	2285.4	2262.0	2191.7	2102.8	1995.0	1924.8	1849.9
-55°	2037.2	2060.6	2070.0	2079.3	2084.0	2084.0	1999.7	1906.1	1803.0	1732.8	1676.6
-57.5°	1831.1	1845.2	1854.5	1878.0	1896.7	1910.7	1835.8	1751.5	1671.9	1606.3	1554.8
-60°	1653.2	1671.9	1686.0	1709.4	1723.4	1732.8	1686.0	1629.8	1582.9	1540.8	1465.8
-62.5°	1493.9	1508.0	1522.0	1536.1	1550.1	1559.5	1540.8	1512.7	1489.3	1470.5	1376.9
-65°	1334.7	1348.8	1362.8	1381.5	1395.6	1405.0	1400.3	1381.5	1362.8	1344.1	1259.8
-67.5°	1189.5	1203.6	1222.3	1227.0	1236.4	1241.0	1231.7	1217.6	1194.2	1170.8	1105.2
-70°	1035.0	1044.4	1053.7	1053.7	1053.7	1049.0	1039.7	1020.9	997.5	964.7	913.2
-72.5°	894.5	903.9	913.2	899.2	889.8	875.8	861.7	838.3	814.9	791.5	763.4
-75°	763.4	768.0	768.0	749.3	735.3	721.2	702.5	688.4	665.0	646.3	622.9
-77.5°	608.8	608.8	608.8	594.8	585.4	576.0	562.0	547.9	529.2	515.2	496.4
-80°	473.0	473.0	473.0	468.3	454.3	444.9	435.5	426.2	412.1	402.8	393.4
-82.5°	360.6	360.6	360.6	355.9	346.6	341.9	332.5	323.1	318.5	309.1	304.4
-85°	262.3	266.9	266.9	262.3	257.6	248.2	243.5	238.8	234.2	229.5	220.1
-87.5°	178.0	178.0	178.0	173.3	168.6	168.6	163.9	154.5	145.2	140.5	135.8
-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):

	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°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
85°	14.0	14.0	14.0	18.7	18.7	18.7	18.7	18.7	18.7	18.7	14.0
82.5°	23.4	23.4	28.1	28.1	32.8	32.8	32.8	32.8	32.8	32.8	32.8
80°	23.4	28.1	32.8	37.5	42.1	46.8	46.8	46.8	46.8	42.1	42.1
77.5°	28.1	28.1	32.8	37.5	42.1	46.8	51.5	56.2	51.5	51.5	51.5
75°	28.1	32.8	32.8	37.5	42.1	46.8	51.5	56.2	56.2	56.2	56.2
72.5°	23.4	28.1	32.8	37.5	37.5	42.1	46.8	46.8	51.5	51.5	56.2
70°	23.4	28.1	32.8	32.8	37.5	37.5	42.1	46.8	46.8	51.5	51.5
67.5°	28.1	32.8	32.8	37.5	42.1	42.1	42.1	46.8	46.8	51.5	51.5
65°	32.8	37.5	37.5	42.1	46.8	46.8	51.5	51.5	51.5	56.2	56.2
62.5°	56.2	56.2	56.2	51.5	56.2	56.2	56.2	60.9	60.9	56.2	60.9
60°	290.4	210.7	145.2	182.6	163.9	74.9	74.9	74.9	70.2	70.2	65.6
57.5°	683.7	636.9	547.9	463.6	416.8	370.0	229.5	93.7	93.7	84.3	74.9
55°	1142.7	988.2	922.6	810.2	688.4	632.2	524.5	355.9	168.6	112.4	98.3
52.5°	1770.3	1625.1	1456.5	1227.0	1063.1	932.0	843.0	669.7	449.6	238.8	149.9
50°	2369.7	2304.1	2201.1	1976.3	1634.4	1414.3	1269.1	1072.5	805.5	491.7	281.0
47.5°	3816.8	3268.9	2936.4	2763.1	2477.4	2060.6	1779.6	1559.5	1236.4	828.9	496.4
45°	4805.0	4458.4	3929.2	3563.9	3142.4	2702.2	2336.9	2084.0	1700.0	1241.0	777.4
42.5°	5652.6	5352.9	4875.2	4341.3	3896.4	3320.4	2852.1	2519.6	2196.4	1695.3	1161.4
40°	6743.8	6387.9	5928.9	5409.1	4889.3	4154.0	3395.3	2992.6	2636.6	2191.7	1568.9
37.5°	8542.2	7914.6	7165.3	6589.3	5910.2	5287.3	4247.7	3535.8	3114.3	2650.7	2046.6
35°	10705.8	10017.4	8767.0	8003.6	7095.1	6167.8	5231.1	4177.4	3578.0	3086.2	2486.8
32.5°	12719.6	11712.7	10111.0	9216.5	8612.4	6903.0	5933.6	5020.4	4055.7	3451.5	2739.7
30°	13276.9	12167.0	11019.6	9975.2	8944.9	7563.4	6416.0	5704.1	4655.1	3671.6	2978.5
27.5°	12714.9	11951.5	11061.7	10092.3	8977.7	7792.8	6711.0	6032.0	5095.3	3821.5	3165.8
25°	12143.5	11347.4	10724.5	9914.3	8884.0	7778.8	6720.4	6238.0	5437.2	4111.9	3268.9
22.5°	11539.4	11043.0	10527.8	9624.0	8649.9	7820.9	7024.8	6416.0	5615.2	4439.7	3311.0
20°	11572.2	11249.1	10682.4	9474.1	8607.7	8069.2	7390.1	6640.8	5807.2	4725.4	3343.8
17.5°	12096.7	11675.2	10963.4	9914.3	8987.1	8322.1	7694.5	6949.9	6003.9	4978.2	3741.9
15°	12743.0	12101.4	11356.8	10434.2	9385.1	8598.4	7928.7	7165.3	6228.7	5212.4	4097.8
12.5°	13211.3	12298.1	11600.3	10766.7	9816.0	8898.1	8083.2	7329.2	6439.4	5404.4	4364.7
10°	13370.5	12541.6	11717.4	10972.7	10036.1	9057.3	8200.3	7432.2	6622.0	5554.3	4561.4
7.5°	13454.8	12752.4	11797.0	11066.4	10167.2	9155.7	8294.0	7488.4	6767.2	5657.3	4687.9
5°	13445.5	12864.8	11857.9	11094.5	10237.5	9197.8	8359.5	7502.5	6870.3	5746.3	4762.8
2.5°	13403.3	12939.7	11956.2	11141.3	10378.0	9277.4	8486.0	7530.6	6907.7	5844.6	4814.3
0°	13557.9	12944.4	12059.2	11155.4	10471.6	9305.5	8542.2	7507.2	6856.2	5872.7	4809.6
-2.5°	13225.4	12668.1	12035.8	11033.6	10345.2	9240.0	8439.1	7432.2	6743.8	5840.0	4790.9
-5°	13169.2	12466.7	11839.1	10921.2	10134.4	9104.1	8247.1	7291.7	6565.8	5732.2	4716.0
-7.5°	13019.3	12274.7	11647.1	10832.2	9937.8	8963.6	8064.5	7146.6	6373.8	5563.6	4608.3
-10°	12691.5	11979.6	11441.1	10640.2	9698.9	8762.3	7844.4	6954.6	6149.0	5334.2	4439.7
-12.5°	12223.2	11511.3	10977.4	10232.8	9399.2	8490.6	7582.1	6706.3	5891.5	5090.6	4238.3
-15°	11694.0	10972.7	10438.9	9759.8	8954.3	8069.2	7249.6	6392.6	5596.4	4833.1	3999.5
-17.5°	11094.5	10410.8	9895.6	9235.3	8434.4	7591.5	6776.6	5999.2	5254.6	4566.1	3723.1
-20°	10401.4	9736.4	9263.4	8603.0	7867.8	7048.2	6256.8	5521.5	4851.8	4205.5	3418.7

REPORT NUMBER: P722616

CATALOG NUMBER: IFLD-M-SA4E-830-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°	9544.4	8959.0	8420.4	7830.3	7188.7	6439.4	5704.1	5053.2	4411.6	3779.3	3105.0
-25°	8668.6	8101.9	7577.4	7038.9	6425.4	5779.1	5151.5	4561.4	3933.9	3362.5	2800.6
-27.5°	7694.5	7188.7	6720.4	6224.0	5662.0	5104.7	4589.5	4013.5	3470.3	2983.2	2500.8
-30°	6654.8	6242.7	5835.3	5395.0	4940.8	4472.5	4013.5	3470.3	3044.1	2655.4	2247.9
-32.5°	5657.3	5287.3	4959.5	4631.7	4238.3	3854.3	3446.8	3044.1	2688.2	2346.3	2004.4
-35°	4781.5	4388.2	4205.5	3943.3	3629.5	3282.9	2950.4	2669.4	2383.7	2074.7	1770.3
-37.5°	4022.9	3770.0	3554.6	3357.9	3109.6	2809.9	2571.1	2341.6	2102.8	1821.8	1559.5
-40°	3428.1	3245.5	3030.0	2884.9	2683.5	2468.0	2229.2	2037.2	1835.8	1606.3	1390.9
-42.5°	2950.4	2800.6	2660.1	2505.5	2355.7	2173.0	1966.9	1784.3	1601.7	1433.1	1255.1
-45°	2557.0	2449.3	2336.9	2210.5	2079.3	1920.1	1751.5	1564.2	1433.1	1283.2	1133.3
-47.5°	2233.9	2154.3	2060.6	1962.3	1849.9	1709.4	1554.8	1419.0	1283.2	1156.8	1011.6
-50°	1976.3	1901.4	1826.4	1742.2	1643.8	1522.0	1405.0	1278.5	1152.1	1030.3	894.5
-52.5°	1760.9	1695.3	1634.4	1564.2	1470.5	1367.5	1259.8	1147.4	1030.3	908.5	800.8
-55°	1611.0	1536.1	1475.2	1405.0	1320.7	1222.3	1124.0	1020.9	908.5	814.9	725.9
-57.5°	1489.3	1405.0	1334.7	1259.8	1175.5	1091.2	1002.2	908.5	824.2	735.3	651.0
-60°	1386.2	1287.9	1208.3	1133.3	1053.7	974.1	899.2	819.6	739.9	660.3	576.0
-62.5°	1278.5	1175.5	1077.1	1006.9	946.0	875.8	810.2	735.3	665.0	585.4	524.5
-65°	1156.8	1058.4	964.7	903.9	847.7	786.8	725.9	660.3	599.4	538.6	482.4
-67.5°	1020.9	936.6	871.1	814.9	758.7	707.2	651.0	594.8	543.3	482.4	426.2
-70°	857.0	810.2	772.7	730.6	679.1	632.2	580.7	529.2	473.0	421.5	370.0
-72.5°	730.6	702.5	674.4	632.2	585.4	543.3	501.1	454.3	407.4	360.6	318.5
-75°	599.4	576.0	552.6	524.5	487.1	454.3	416.8	374.7	337.2	304.4	271.6
-77.5°	482.4	463.6	449.6	426.2	398.1	370.0	346.6	318.5	290.4	257.6	224.8
-80°	384.0	374.7	370.0	360.6	337.2	313.8	295.0	271.6	243.5	220.1	196.7
-82.5°	299.7	299.7	295.0	290.4	271.6	252.9	238.8	220.1	201.4	182.6	159.2
-85°	220.1	215.4	215.4	210.7	196.7	187.3	173.3	163.9	149.9	131.1	121.8
-87.5°	131.1	126.4	121.8	117.1	107.7	103.0	93.7	89.0	79.6	70.2	65.6
-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: P722616

CATALOG NUMBER: IFLD-M-SA4E-830-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°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	0.0	0.0
85°	14.0	9.4	9.4	9.4	9.4	9.4	4.7	4.7	4.7	4.7	4.7
82.5°	28.1	28.1	23.4	23.4	18.7	14.0	9.4	9.4	9.4	4.7	4.7
80°	42.1	42.1	42.1	37.5	32.8	23.4	18.7	14.0	9.4	4.7	4.7
77.5°	51.5	46.8	46.8	42.1	42.1	37.5	28.1	23.4	14.0	9.4	4.7
75°	51.5	51.5	51.5	46.8	46.8	42.1	37.5	28.1	23.4	14.0	9.4
72.5°	56.2	51.5	51.5	51.5	46.8	42.1	37.5	32.8	28.1	18.7	9.4
70°	51.5	51.5	51.5	51.5	46.8	46.8	37.5	32.8	32.8	18.7	14.0
67.5°	51.5	51.5	51.5	46.8	46.8	42.1	37.5	32.8	32.8	23.4	14.0
65°	56.2	51.5	51.5	51.5	46.8	42.1	37.5	32.8	32.8	28.1	18.7
62.5°	60.9	56.2	56.2	51.5	46.8	42.1	37.5	32.8	32.8	28.1	18.7
60°	65.6	60.9	56.2	56.2	51.5	46.8	37.5	37.5	32.8	28.1	18.7
57.5°	70.2	65.6	65.6	60.9	56.2	51.5	42.1	37.5	32.8	28.1	23.4
55°	84.3	74.9	70.2	70.2	65.6	56.2	46.8	37.5	32.8	28.1	23.4
52.5°	112.4	89.0	79.6	79.6	74.9	65.6	51.5	42.1	32.8	28.1	23.4
50°	178.0	112.4	93.7	84.3	84.3	74.9	60.9	46.8	32.8	28.1	23.4
47.5°	281.0	187.3	112.4	98.3	93.7	89.0	70.2	46.8	37.5	28.1	23.4
45°	463.6	276.3	182.6	117.1	98.3	93.7	79.6	51.5	37.5	32.8	23.4
42.5°	636.9	430.9	281.0	140.5	117.1	103.0	84.3	56.2	42.1	32.8	23.4
40°	1002.2	590.1	393.4	229.5	135.8	107.7	93.7	65.6	42.1	32.8	23.4
37.5°	1358.1	782.1	529.2	337.2	154.5	121.8	98.3	70.2	46.8	32.8	28.1
35°	1714.1	1095.9	655.6	449.6	206.1	145.2	103.0	74.9	46.8	32.8	28.1
32.5°	2032.5	1390.9	786.8	562.0	309.1	173.3	112.4	79.6	51.5	37.5	28.1
30°	2294.8	1662.5	1020.9	660.3	402.8	210.7	121.8	79.6	56.2	37.5	28.1
27.5°	2491.5	1873.3	1259.8	763.4	482.4	248.2	140.5	89.0	56.2	37.5	28.1
25°	2650.7	2037.2	1470.5	871.1	552.6	309.1	168.6	93.7	60.9	42.1	28.1
22.5°	2777.1	2173.0	1643.8	1016.3	636.9	370.0	206.1	103.0	60.9	42.1	28.1
20°	2950.4	2308.8	1760.9	1170.8	725.9	426.2	238.8	112.4	60.9	42.1	32.8
17.5°	3100.3	2444.6	1854.5	1301.9	814.9	468.3	276.3	121.8	65.6	42.1	32.8
15°	3273.6	2575.8	1938.8	1405.0	899.2	505.8	309.1	131.1	65.6	46.8	32.8
12.5°	3460.9	2697.5	1999.7	1489.3	988.2	538.6	337.2	149.9	70.2	46.8	32.8
10°	3652.9	2800.6	2051.2	1550.1	1053.7	571.4	355.9	168.6	74.9	46.8	32.8
7.5°	3844.9	2894.2	2116.8	1578.2	1081.8	608.8	365.3	187.3	74.9	51.5	32.8
5°	3976.0	2955.1	2210.5	1597.0	1095.9	651.0	379.3	210.7	79.6	51.5	32.8
2.5°	4088.4	2992.6	2308.8	1611.0	1100.6	674.4	374.7	224.8	84.3	51.5	32.8
0°	4140.0	2992.6	2374.4	1601.7	1086.5	697.8	374.7	238.8	84.3	51.5	32.8
-2.5°	4060.3	3076.9	2355.7	1606.3	1091.2	697.8	393.4	243.5	93.7	56.2	32.8
-5°	3933.9	3109.6	2299.5	1582.9	1081.8	697.8	416.8	248.2	98.3	56.2	37.5
-7.5°	3812.1	3123.7	2233.9	1559.5	1067.8	679.1	421.5	243.5	107.7	60.9	37.5
-10°	3652.9	2969.2	2149.6	1517.4	1039.7	665.0	430.9	243.5	112.4	60.9	37.5
-12.5°	3470.3	2781.8	2046.6	1456.5	1006.9	651.0	435.5	243.5	117.1	65.6	37.5
-15°	3259.5	2589.8	1929.5	1390.9	960.1	632.2	426.2	238.8	121.8	65.6	42.1
-17.5°	3020.7	2402.5	1807.7	1311.3	908.5	608.8	407.4	234.2	121.8	65.6	42.1
-20°	2749.0	2215.2	1671.9	1231.7	847.7	580.7	388.7	224.8	121.8	65.6	42.1

REPORT NUMBER: P722616

CATALOG NUMBER: IFLD-M-SA4E-830-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2505.5	2041.9	1531.4	1142.7	782.1	547.9	365.3	215.4	121.8	70.2	42.1
-25°	2304.1	1873.3	1423.7	1053.7	711.8	510.5	341.9	206.1	121.8	70.2	42.1
-27.5°	2093.4	1690.6	1311.3	969.4	665.0	477.7	318.5	196.7	117.1	70.2	42.1
-30°	1878.0	1512.7	1194.2	875.8	618.2	444.9	299.7	182.6	117.1	70.2	42.1
-32.5°	1681.3	1367.5	1086.5	782.1	566.7	412.1	281.0	178.0	112.4	70.2	42.1
-35°	1489.3	1236.4	974.1	707.2	510.5	379.3	262.3	173.3	112.4	70.2	42.1
-37.5°	1330.0	1114.6	871.1	655.6	477.7	351.2	243.5	163.9	107.7	70.2	42.1
-40°	1198.9	1002.2	772.7	599.4	449.6	323.1	224.8	159.2	107.7	70.2	42.1
-42.5°	1077.1	894.5	711.8	552.6	421.5	304.4	210.7	154.5	103.0	70.2	42.1
-45°	969.4	800.8	651.0	510.5	388.7	281.0	201.4	145.2	98.3	70.2	46.8
-47.5°	861.7	735.3	594.8	473.0	355.9	252.9	192.0	140.5	93.7	65.6	46.8
-50°	777.4	665.0	547.9	430.9	323.1	243.5	182.6	131.1	93.7	65.6	46.8
-52.5°	702.5	599.4	496.4	388.7	295.0	229.5	173.3	121.8	89.0	65.6	46.8
-55°	632.2	538.6	444.9	346.6	276.3	215.4	159.2	112.4	89.0	65.6	46.8
-57.5°	562.0	482.4	393.4	313.8	252.9	201.4	149.9	112.4	89.0	65.6	46.8
-60°	505.8	430.9	355.9	290.4	234.2	182.6	135.8	107.7	84.3	65.6	46.8
-62.5°	459.0	388.7	323.1	262.3	215.4	163.9	131.1	107.7	84.3	65.6	42.1
-65°	412.1	351.2	290.4	238.8	192.0	154.5	126.4	103.0	84.3	65.6	42.1
-67.5°	365.3	309.1	262.3	210.7	178.0	149.9	121.8	103.0	79.6	60.9	42.1
-70°	318.5	271.6	229.5	196.7	168.6	140.5	117.1	98.3	79.6	56.2	37.5
-72.5°	281.0	238.8	206.1	182.6	159.2	135.8	112.4	93.7	74.9	51.5	32.8
-75°	238.8	210.7	187.3	163.9	145.2	126.4	107.7	84.3	65.6	46.8	32.8
-77.5°	201.4	182.6	163.9	149.9	131.1	112.4	93.7	74.9	60.9	42.1	28.1
-80°	173.3	159.2	145.2	131.1	117.1	98.3	84.3	65.6	51.5	37.5	23.4
-82.5°	140.5	131.1	117.1	107.7	98.3	84.3	70.2	56.2	37.5	28.1	18.7
-85°	107.7	98.3	93.7	84.3	74.9	60.9	46.8	37.5	28.1	18.7	9.4
-87.5°	56.2	51.5	46.8	42.1	37.5	28.1	23.4	18.7	14.0	9.4	4.7
-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: P722616

CATALOG NUMBER: IFLD-M-SA4E-830-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°	4.7	0.0	0.0	0.0
77.5°	4.7	0.0	0.0	0.0
75°	4.7	4.7	0.0	0.0
72.5°	4.7	4.7	0.0	0.0
70°	4.7	4.7	0.0	0.0
67.5°	9.4	4.7	0.0	0.0
65°	9.4	4.7	0.0	0.0
62.5°	9.4	4.7	0.0	0.0
60°	9.4	4.7	0.0	0.0
57.5°	14.0	4.7	4.7	0.0
55°	14.0	4.7	4.7	0.0
52.5°	14.0	4.7	4.7	0.0
50°	14.0	9.4	4.7	0.0
47.5°	14.0	9.4	4.7	0.0
45°	14.0	9.4	4.7	0.0
42.5°	14.0	9.4	4.7	0.0
40°	18.7	9.4	4.7	0.0
37.5°	18.7	9.4	4.7	0.0
35°	18.7	9.4	4.7	0.0
32.5°	18.7	9.4	4.7	0.0
30°	18.7	14.0	4.7	0.0
27.5°	18.7	14.0	4.7	0.0
25°	18.7	14.0	4.7	0.0
22.5°	23.4	14.0	4.7	0.0
20°	23.4	14.0	4.7	0.0
17.5°	23.4	14.0	4.7	0.0
15°	23.4	14.0	4.7	0.0
12.5°	23.4	14.0	4.7	0.0
10°	23.4	14.0	4.7	0.0
7.5°	23.4	14.0	4.7	0.0
5°	23.4	14.0	4.7	0.0
2.5°	23.4	14.0	4.7	0.0
0°	23.4	14.0	4.7	0.0
-2.5°	23.4	14.0	4.7	0.0
-5°	23.4	14.0	4.7	0.0
-7.5°	23.4	14.0	4.7	0.0
-10°	23.4	14.0	4.7	0.0
-12.5°	28.1	14.0	4.7	0.0
-15°	28.1	14.0	4.7	0.0
-17.5°	28.1	14.0	4.7	0.0
-20°	28.1	14.0	4.7	0.0

REPORT NUMBER: P722616

CATALOG NUMBER: IFLD-M-SA4E-830-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	28.1	14.0	4.7	0.0
-25°	28.1	14.0	4.7	0.0
-27.5°	28.1	14.0	4.7	0.0
-30°	28.1	14.0	4.7	0.0
-32.5°	28.1	14.0	4.7	0.0
-35°	28.1	14.0	4.7	0.0
-37.5°	28.1	14.0	4.7	0.0
-40°	28.1	14.0	4.7	0.0
-42.5°	23.4	14.0	4.7	0.0
-45°	28.1	14.0	4.7	0.0
-47.5°	28.1	14.0	4.7	0.0
-50°	28.1	14.0	4.7	0.0
-52.5°	28.1	14.0	4.7	0.0
-55°	28.1	14.0	4.7	0.0
-57.5°	28.1	14.0	4.7	0.0
-60°	28.1	14.0	4.7	0.0
-62.5°	23.4	14.0	4.7	0.0
-65°	23.4	9.4	4.7	0.0
-67.5°	23.4	9.4	4.7	0.0
-70°	23.4	9.4	4.7	0.0
-72.5°	18.7	9.4	4.7	0.0
-75°	18.7	9.4	4.7	0.0
-77.5°	14.0	4.7	0.0	0.0
-80°	14.0	4.7	0.0	0.0
-82.5°	9.4	4.7	0.0	0.0
-85°	4.7	4.7	0.0	0.0
-87.5°	4.7	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)