

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: P722614

Luminaire Tested: **IFLD-M-SA4C-830-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722614
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4C-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:	23100.8 lumens	Max Intensity:	16126.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	105.9 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:	14737.3 lumens	Field Lumens:	21778.9 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

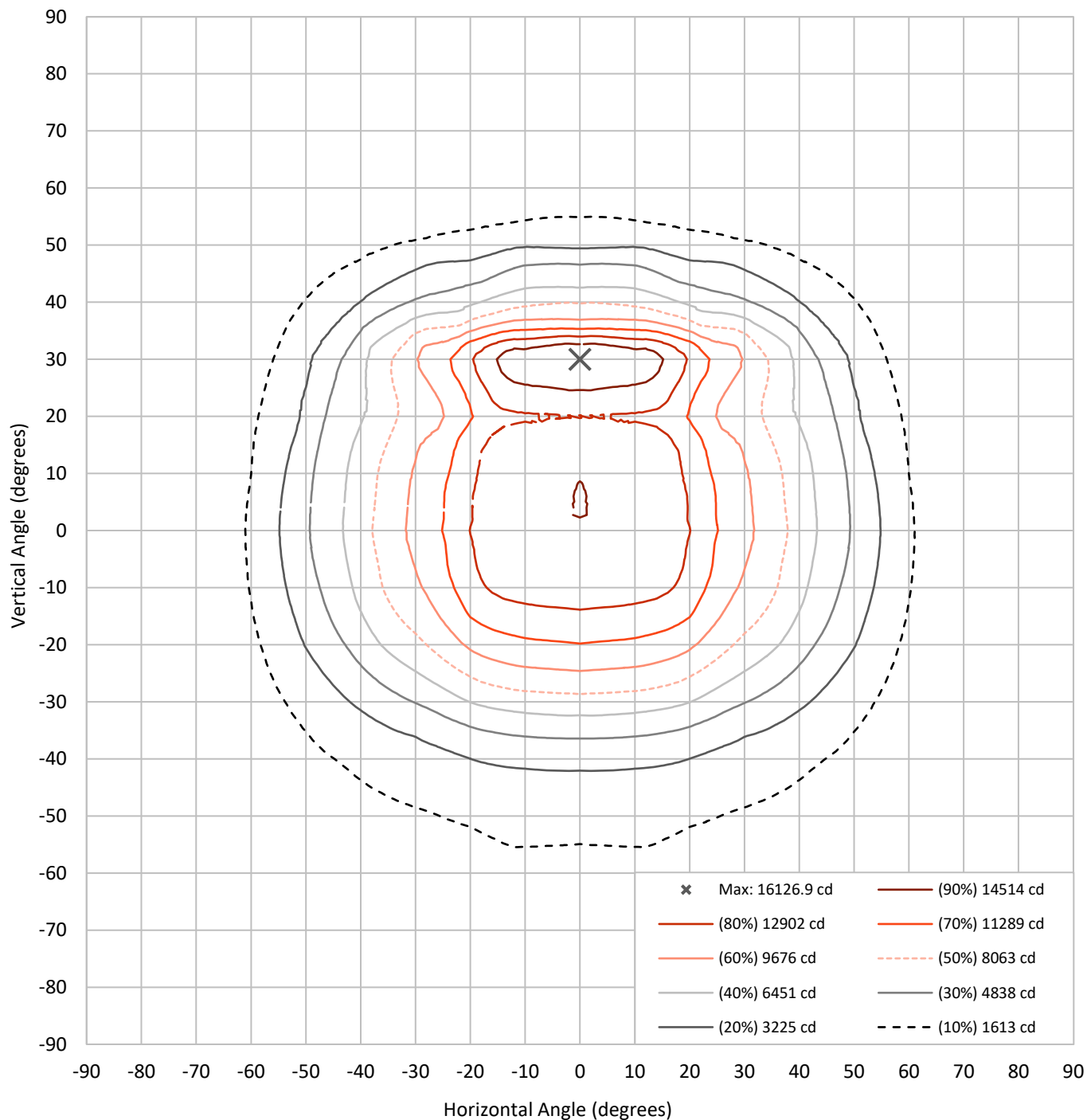
Input Watts (W): 218.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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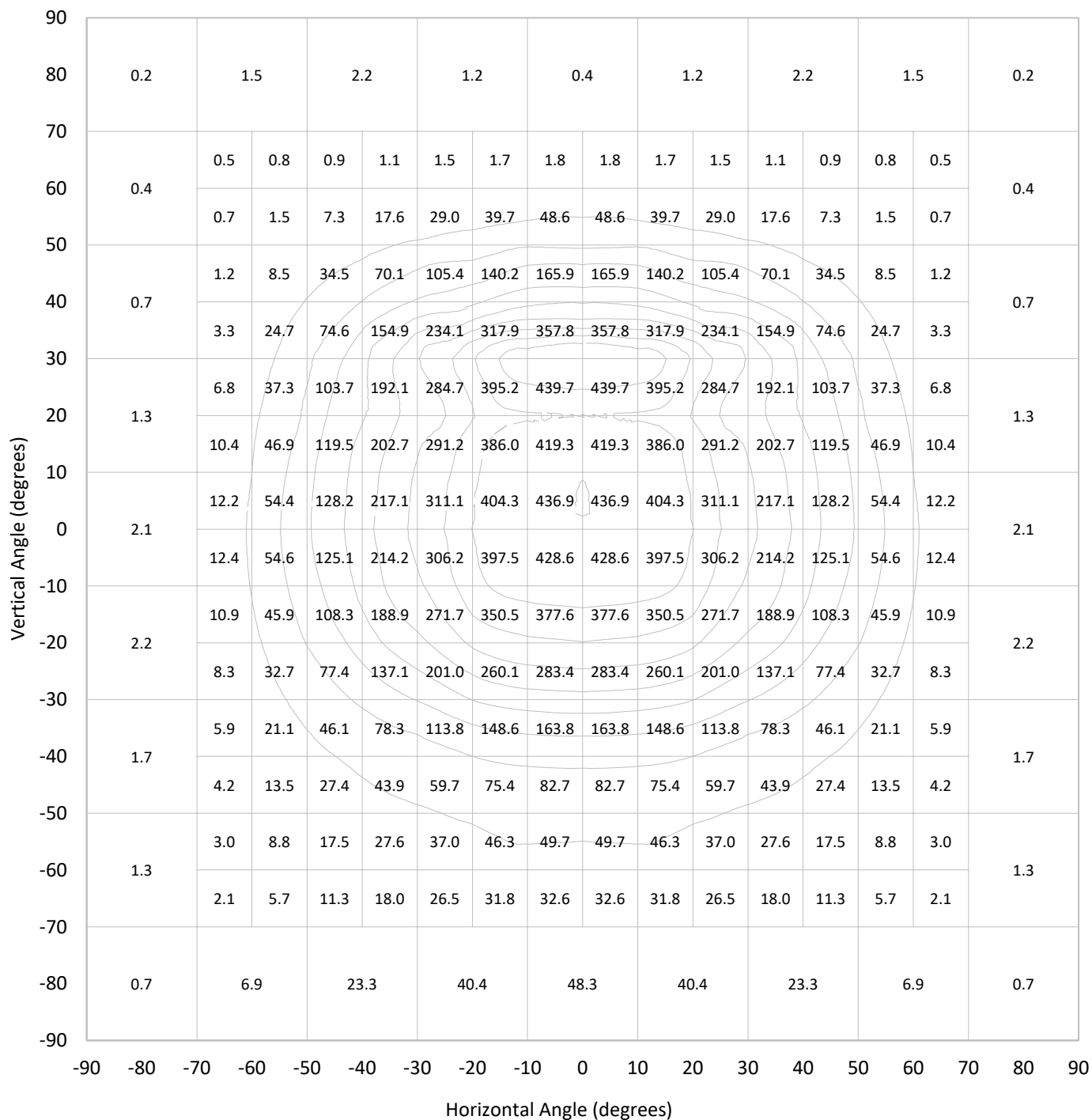
Iso-Candela Plot



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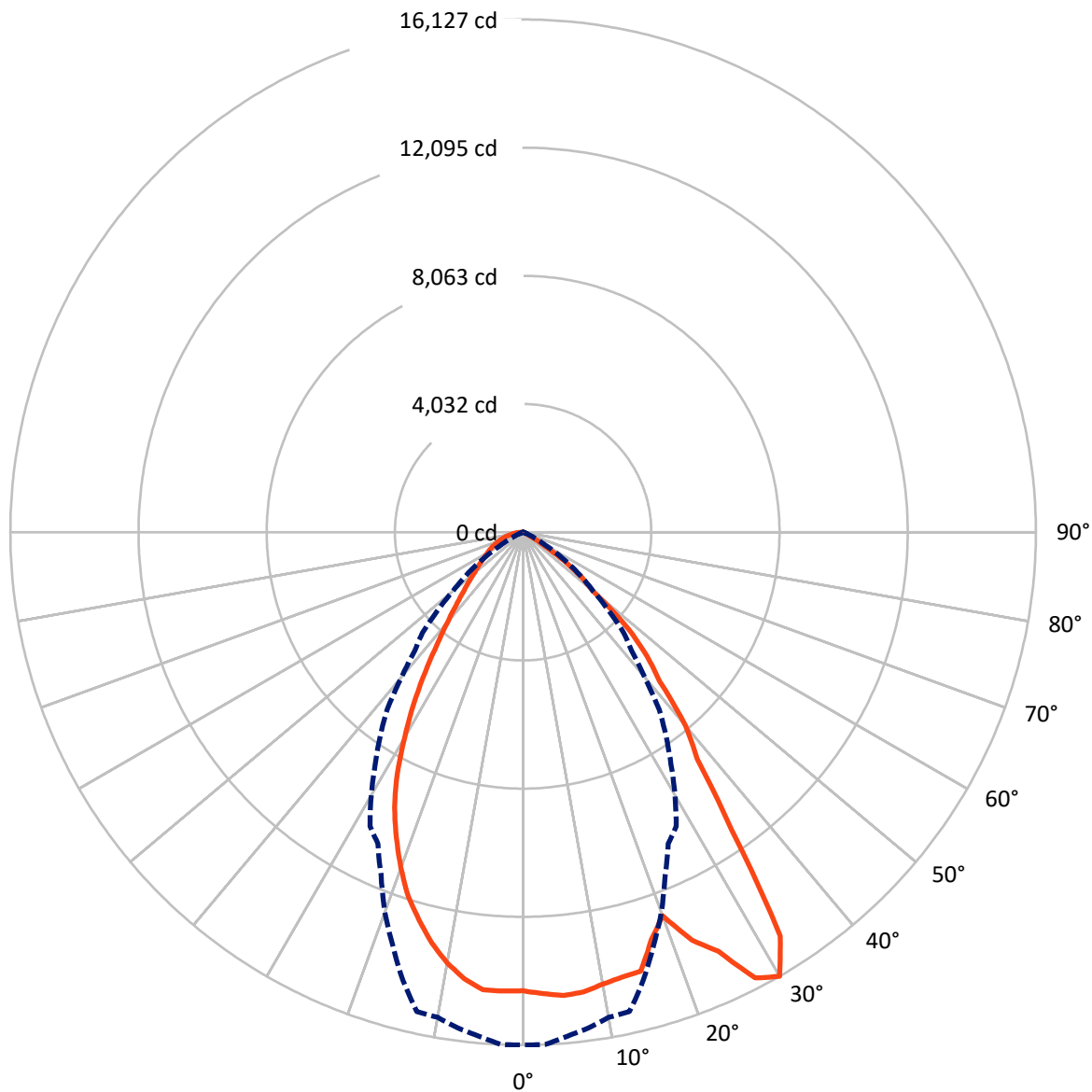
Lumen Table



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Luminous Intensity Polar Plot



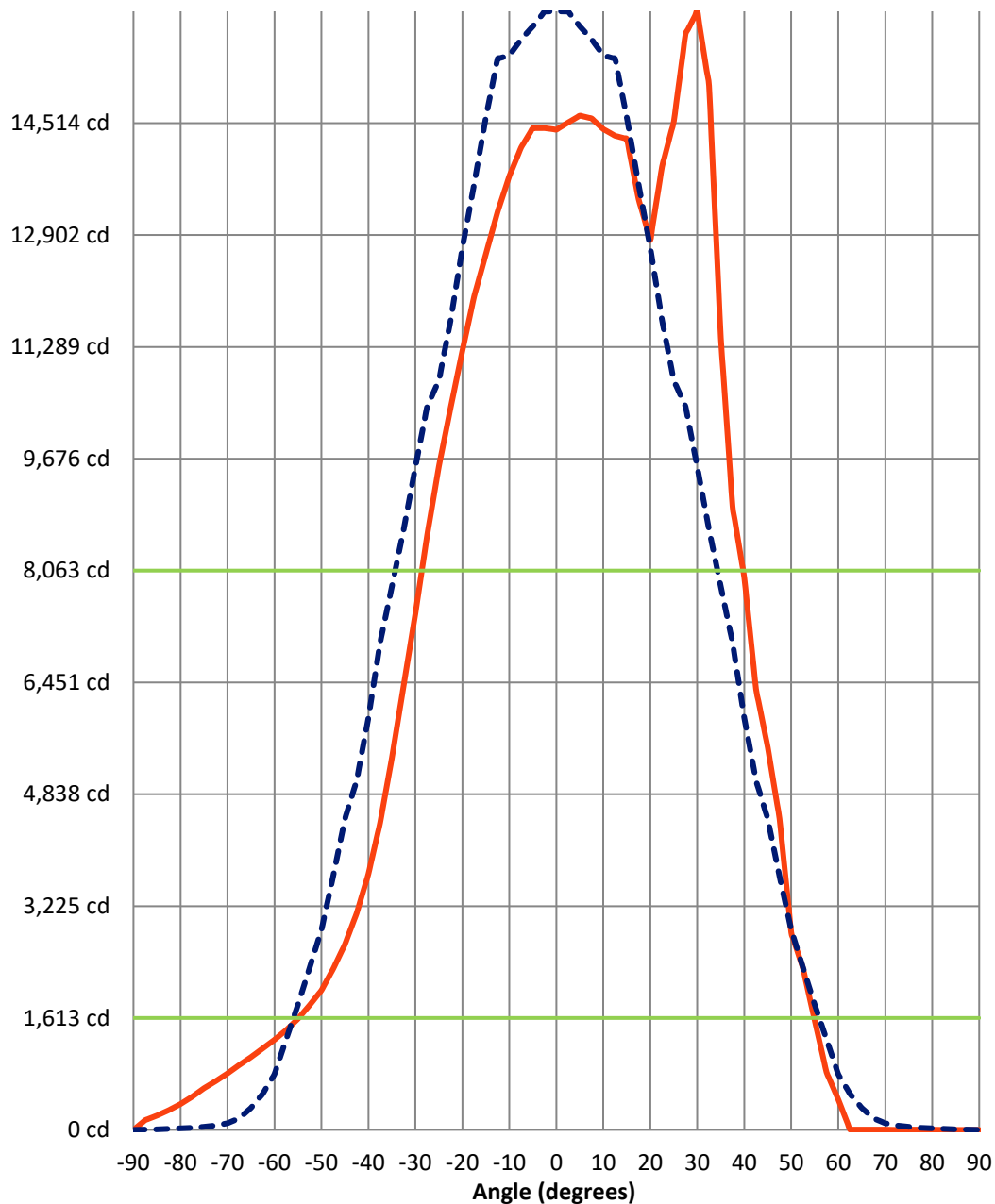
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 14737.3

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 21778.9

Efficiency: 94.3%

Spill:

Lumens: 1321.9

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	3.7	3.7	3.7	3.7	3.7	3.7	3.7
85°	0.0	3.7	3.7	3.7	7.4	7.4	7.4	7.4	7.4	7.4	11.0
82.5°	0.0	3.7	3.7	3.7	7.4	7.4	7.4	7.4	11.0	11.0	14.7
80°	3.7	3.7	3.7	3.7	7.4	7.4	7.4	11.0	11.0	14.7	14.7
77.5°	3.7	3.7	3.7	7.4	7.4	7.4	11.0	11.0	14.7	14.7	18.4
75°	3.7	3.7	3.7	7.4	7.4	11.0	11.0	11.0	14.7	14.7	18.4
72.5°	0.0	3.7	3.7	7.4	7.4	11.0	11.0	11.0	14.7	14.7	14.7
70°	3.7	3.7	3.7	7.4	7.4	11.0	11.0	11.0	14.7	14.7	14.7
67.5°	3.7	3.7	3.7	7.4	7.4	11.0	11.0	14.7	14.7	14.7	18.4
65°	3.7	3.7	3.7	7.4	11.0	11.0	14.7	18.4	18.4	22.1	25.7
62.5°	3.7	7.4	7.4	11.0	14.7	18.4	40.5	62.5	62.5	44.1	36.8
60°	437.7	474.4	470.8	426.6	371.5	312.6	301.6	290.5	268.5	235.4	246.4
57.5°	831.2	875.3	893.7	882.7	853.2	801.7	772.3	739.2	695.1	643.6	584.8
55°	1574.1	1592.5	1552.0	1474.8	1390.2	1305.6	1276.2	1232.0	1165.8	1099.6	1011.4
52.5°	2328.0	2390.5	2372.1	2294.9	2180.9	2030.1	1864.6	1735.9	1658.7	1585.1	1496.8
50°	2842.9	2868.6	2920.1	3012.1	3045.2	2942.2	2673.7	2328.0	2081.6	2206.6	2111.0
47.5°	4486.9	4615.6	4589.8	4523.6	4413.3	4133.8	3758.7	3449.7	3192.3	3107.7	3122.4
45°	5512.9	5564.4	5546.0	5516.6	5465.1	5204.0	4788.4	4314.0	4074.9	3979.3	3880.0
42.5°	6355.1	6410.3	6421.3	6425.0	6369.9	6130.8	5755.7	5281.2	5042.2	4766.4	4549.4
40°	7962.3	8043.2	7951.3	7829.9	7646.0	7373.9	7006.1	6568.5	6145.5	5807.2	5549.7
37.5°	8988.4	9087.7	9124.5	9117.1	9076.7	8959.0	8506.6	8091.0	7443.8	6686.1	6822.2
35°	11423.1	11526.1	11496.6	11386.3	11327.5	11202.4	10761.1	10268.3	9455.5	8631.7	8411.0
32.5°	15053.0	15277.4	14858.1	14398.4	14115.2	14214.5	13765.8	12559.5	12184.4	10698.6	10010.8
30°	16126.9	16123.2	15909.9	15722.4	15490.7	15442.9	14597.0	13633.4	12714.0	11673.2	10805.2
27.5°	15799.6	15733.4	15553.2	15417.1	15200.1	15086.1	14258.6	13493.7	12430.8	11500.3	10661.8
25°	14538.1	14589.6	14405.7	14380.0	14295.4	14074.7	13662.8	12802.2	11853.4	10823.6	10220.5
22.5°	13887.2	13868.8	13648.1	13519.4	13622.4	13387.0	13221.5	12353.6	11364.2	10496.3	9771.8
20°	12828.0	12831.7	12776.5	12765.5	12702.9	12596.3	12463.9	11849.7	11150.9	10408.0	9536.4
17.5°	13420.1	13570.9	13637.1	13089.1	13243.6	13122.2	12982.4	12125.5	11599.6	10941.3	9804.9
15°	14288.0	14232.9	14166.7	14137.3	14052.7	13938.7	13684.9	13000.8	12096.1	11415.7	10529.4
12.5°	14332.2	14225.5	14199.8	14196.1	14107.8	13949.7	13703.3	13136.9	12335.2	11507.7	10786.8
10°	14427.8	14317.5	14302.8	14321.1	14185.1	14085.8	13839.4	13313.4	12408.7	11665.8	10985.4
7.5°	14582.3	14398.4	14483.0	14427.8	14365.3	14207.1	13942.3	13427.5	12677.2	11875.4	11162.0
5°	14622.7	14420.4	14512.4	14460.9	14369.0	14214.5	13927.6	13501.0	12842.7	11960.0	11231.8
2.5°	14523.4	14464.6	14424.1	14328.5	14288.0	14118.9	13846.7	13390.7	12765.5	11923.3	11217.1
0°	14420.4	14471.9	14380.0	14284.4	14266.0	14129.9	13898.2	13486.3	12945.7	12026.2	11342.2
-2.5°	14442.5	14402.1	14339.5	14240.2	14144.6	13949.7	13740.1	13353.9	12772.8	11801.9	11165.6
-5°	14442.5	14254.9	14262.3	14266.0	14170.4	13968.1	13714.3	13387.0	12669.8	11798.2	11114.2
-7.5°	14163.0	14001.2	13975.4	13953.4	13927.6	13740.1	13541.5	13133.2	12497.0	11702.6	10970.7
-10°	13751.1	13593.0	13607.7	13574.6	13493.7	13368.6	13217.8	12850.0	12327.8	11401.0	10680.2
-12.5°	13236.2	13166.3	13125.9	13070.7	12989.8	12879.5	12725.0	12379.3	11820.3	11029.6	10345.5
-15°	12625.7	12574.2	12537.4	12504.3	12386.7	12272.6	12070.4	11750.4	11401.0	10551.5	9852.7
-17.5°	12015.2	11886.5	11835.0	11790.9	11713.6	11529.7	11345.8	11106.8	10617.7	9944.6	9345.2
-20°	11231.8	11154.6	11092.1	11033.2	10922.9	10779.5	10628.7	10352.9	9929.9	9385.6	8764.1

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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°	10411.7	10367.6	10316.1	10242.5	10169.0	10032.9	9823.3	9558.5	9227.5	8639.0	8057.9
-25°	9565.8	9481.2	9418.7	9348.8	9290.0	9164.9	8962.7	8708.9	8293.3	7785.8	7300.3
-27.5°	8569.2	8488.2	8455.1	8374.2	8322.7	8208.7	8006.5	7771.1	7395.9	6969.3	6476.5
-30°	7443.8	7458.5	7421.7	7344.5	7281.9	7134.8	6980.4	6781.8	6487.5	6079.3	5638.0
-32.5°	6403.0	6421.3	6377.2	6296.3	6215.4	6108.7	5965.3	5785.1	5564.4	5174.6	4792.1
-35°	5362.2	5354.8	5318.0	5270.2	5215.0	5126.8	4965.0	4828.9	4575.1	4303.0	4038.2
-37.5°	4428.0	4446.4	4435.4	4409.6	4347.1	4273.5	4141.1	4016.1	3828.5	3589.5	3383.5
-40°	3688.8	3710.8	3696.1	3670.4	3615.2	3571.1	3482.8	3372.5	3221.7	3015.8	2842.9
-42.5°	3122.4	3137.1	3118.7	3096.7	3048.9	3015.8	2945.9	2853.9	2728.9	2570.7	2416.3
-45°	2673.7	2677.4	2659.0	2644.3	2607.5	2567.1	2508.2	2434.7	2335.4	2225.0	2100.0
-47.5°	2320.7	2317.0	2298.6	2283.9	2254.5	2217.7	2169.9	2103.7	2026.4	1941.9	1842.6
-50°	2011.7	2030.1	2022.8	2008.0	1986.0	1960.2	1912.4	1842.6	1765.3	1702.8	1632.9
-52.5°	1798.4	1802.1	1798.4	1798.4	1794.7	1776.4	1721.2	1651.3	1566.7	1511.6	1452.7
-55°	1599.8	1618.2	1625.6	1632.9	1636.6	1636.6	1570.4	1496.8	1415.9	1360.8	1316.6
-57.5°	1438.0	1449.0	1456.4	1474.8	1489.5	1500.5	1441.7	1375.5	1313.0	1261.5	1221.0
-60°	1298.2	1313.0	1324.0	1342.4	1353.4	1360.8	1324.0	1279.9	1243.1	1210.0	1151.1
-62.5°	1173.2	1184.2	1195.3	1206.3	1217.3	1224.7	1210.0	1187.9	1169.5	1154.8	1081.3
-65°	1048.2	1059.2	1070.2	1084.9	1096.0	1103.3	1099.6	1084.9	1070.2	1055.5	989.3
-67.5°	934.1	945.2	959.9	963.6	970.9	974.6	967.2	956.2	937.8	919.4	867.9
-70°	812.8	820.1	827.5	827.5	827.5	823.8	816.5	801.7	783.4	757.6	717.2
-72.5°	702.4	709.8	717.2	706.1	698.8	687.7	676.7	658.3	639.9	621.5	599.5
-75°	599.5	603.2	603.2	588.4	577.4	566.4	551.7	540.6	522.2	507.5	489.1
-77.5°	478.1	478.1	478.1	467.1	459.7	452.4	441.3	430.3	415.6	404.6	389.8
-80°	371.5	371.5	371.5	367.8	356.7	349.4	342.0	334.7	323.6	316.3	308.9
-82.5°	283.2	283.2	283.2	279.5	272.2	268.5	261.1	253.8	250.1	242.7	239.1
-85°	206.0	209.6	209.6	206.0	202.3	194.9	191.2	187.6	183.9	180.2	172.9
-87.5°	139.8	139.8	139.8	136.1	132.4	132.4	128.7	121.4	114.0	110.3	106.7
-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°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
85°	11.0	11.0	11.0	14.7	14.7	14.7	14.7	14.7	14.7	14.7	11.0
82.5°	18.4	18.4	22.1	22.1	25.7	25.7	25.7	25.7	25.7	25.7	25.7
80°	18.4	22.1	25.7	29.4	33.1	36.8	36.8	36.8	36.8	33.1	33.1
77.5°	22.1	22.1	25.7	29.4	33.1	36.8	40.5	44.1	40.5	40.5	40.5
75°	22.1	25.7	25.7	29.4	33.1	36.8	40.5	44.1	44.1	44.1	44.1
72.5°	18.4	22.1	25.7	29.4	29.4	33.1	36.8	36.8	40.5	40.5	44.1
70°	18.4	22.1	25.7	25.7	29.4	29.4	33.1	36.8	36.8	40.5	40.5
67.5°	22.1	25.7	25.7	29.4	33.1	33.1	33.1	36.8	36.8	40.5	40.5
65°	25.7	29.4	29.4	33.1	36.8	36.8	40.5	40.5	40.5	44.1	44.1
62.5°	44.1	44.1	44.1	40.5	44.1	44.1	44.1	47.8	47.8	44.1	47.8
60°	228.0	165.5	114.0	143.4	128.7	58.8	58.8	58.8	55.2	55.2	51.5
57.5°	537.0	500.2	430.3	364.1	327.3	290.5	180.2	73.6	73.6	66.2	58.8
55°	897.4	776.0	724.5	636.3	540.6	496.5	411.9	279.5	132.4	88.3	77.2
52.5°	1390.2	1276.2	1143.8	963.6	834.8	731.9	662.0	525.9	353.1	187.6	117.7
50°	1860.9	1809.5	1728.5	1552.0	1283.5	1110.7	996.7	842.2	632.6	386.2	220.7
47.5°	2997.4	2567.1	2305.9	2169.9	1945.5	1618.2	1397.5	1224.7	970.9	651.0	389.8
45°	3773.4	3501.2	3085.6	2798.8	2467.8	2122.1	1835.2	1636.6	1335.0	974.6	610.5
42.5°	4439.0	4203.7	3828.5	3409.3	3059.9	2607.5	2239.7	1978.6	1724.9	1331.3	912.1
40°	5296.0	5016.4	4656.0	4247.8	3839.6	3262.2	2666.4	2350.1	2070.6	1721.2	1232.0
37.5°	6708.2	6215.4	5627.0	5174.6	4641.3	4152.2	3335.7	2776.7	2445.7	2081.6	1607.2
35°	8407.3	7866.7	6884.7	6285.3	5571.8	4843.6	4108.0	3280.6	2809.8	2423.6	1952.9
32.5°	9988.8	9198.0	7940.3	7237.8	6763.4	5421.0	4659.7	3942.5	3184.9	2710.5	2151.5
30°	10426.4	9554.8	8653.7	7833.6	7024.5	5939.6	5038.5	4479.5	3655.7	2883.4	2339.0
27.5°	9985.1	9385.6	8686.8	7925.5	7050.2	6119.8	5270.2	4736.9	4001.4	3001.0	2486.2
25°	9536.4	8911.2	8422.0	7785.8	6976.7	6108.7	5277.6	4898.8	4269.9	3229.1	2567.1
22.5°	9062.0	8672.1	8267.6	7557.8	6792.8	6141.8	5516.6	5038.5	4409.6	3486.5	2600.2
20°	9087.7	8833.9	8388.9	7440.1	6759.7	6336.8	5803.5	5215.0	4560.4	3710.8	2625.9
17.5°	9499.6	9168.6	8609.6	7785.8	7057.6	6535.4	6042.5	5457.8	4714.9	3909.4	2938.5
15°	10007.1	9503.3	8918.5	8194.0	7370.2	6752.3	6226.4	5627.0	4891.4	4093.3	3218.0
12.5°	10374.9	9657.8	9109.8	8455.1	7708.6	6987.7	6347.8	5755.7	5056.9	4244.1	3427.7
10°	10500.0	9849.0	9201.7	8617.0	7881.4	7112.8	6439.7	5836.6	5200.3	4361.8	3582.1
7.5°	10566.2	10014.5	9264.2	8690.5	7984.4	7190.0	6513.3	5880.7	5314.3	4442.7	3681.4
5°	10558.8	10102.8	9312.1	8712.6	8039.6	7223.1	6564.8	5891.8	5395.3	4512.6	3740.3
2.5°	10525.7	10161.6	9389.3	8749.4	8149.9	7285.6	6664.1	5913.8	5424.7	4589.8	3780.7
0°	10647.1	10165.3	9470.2	8760.4	8223.4	7307.7	6708.2	5895.4	5384.2	4611.9	3777.0
-2.5°	10386.0	9948.3	9451.8	8664.8	8124.1	7256.2	6627.3	5836.6	5296.0	4586.2	3762.3
-5°	10341.8	9790.2	9297.3	8576.5	7958.6	7149.5	6476.5	5726.3	5156.2	4501.6	3703.5
-7.5°	10224.1	9639.4	9146.6	8506.6	7804.2	7039.2	6333.1	5612.2	5005.4	4369.2	3618.9
-10°	9966.7	9407.7	8984.7	8355.8	7616.6	6881.1	6160.2	5461.5	4828.9	4189.0	3486.5
-12.5°	9598.9	9039.9	8620.6	8035.9	7381.2	6667.8	5954.3	5266.5	4626.6	3997.7	3328.4
-15°	9183.3	8617.0	8197.7	7664.4	7031.9	6336.8	5693.2	5020.1	4394.9	3795.4	3140.8
-17.5°	8712.6	8175.6	7771.1	7252.5	6623.6	5961.6	5321.7	4711.2	4126.4	3585.8	2923.8
-20°	8168.3	7646.0	7274.6	6756.0	6178.6	5535.0	4913.5	4336.1	3810.1	3302.6	2684.8

REPORT NUMBER: P722614

CATALOG NUMBER: IFLD-M-SA4C-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°	7495.2	7035.5	6612.6	6149.2	5645.3	5056.9	4479.5	3968.3	3464.4	2967.9	2438.3
-25°	6807.5	6362.5	5950.6	5527.7	5045.9	4538.3	4045.5	3582.1	3089.3	2640.6	2199.3
-27.5°	6042.5	5645.3	5277.6	4887.7	4446.4	4008.7	3604.2	3151.8	2725.2	2342.7	1963.9
-30°	5226.1	4902.4	4582.5	4236.8	3880.0	3512.2	3151.8	2725.2	2390.5	2085.3	1765.3
-32.5°	4442.7	4152.2	3894.7	3637.3	3328.4	3026.8	2706.8	2390.5	2111.0	1842.6	1574.1
-35°	3755.0	3446.0	3302.6	3096.7	2850.3	2578.1	2317.0	2096.3	1872.0	1629.2	1390.2
-37.5°	3159.2	2960.6	2791.4	2636.9	2442.0	2206.6	2019.1	1838.9	1651.3	1430.6	1224.7
-40°	2692.1	2548.7	2379.5	2265.5	2107.3	1938.2	1750.6	1599.8	1441.7	1261.5	1092.3
-42.5°	2317.0	2199.3	2089.0	1967.6	1849.9	1706.5	1544.7	1401.2	1257.8	1125.4	985.6
-45°	2008.0	1923.5	1835.2	1735.9	1632.9	1507.9	1375.5	1228.4	1125.4	1007.7	890.0
-47.5°	1754.3	1691.8	1618.2	1541.0	1452.7	1342.4	1221.0	1114.4	1007.7	908.4	794.4
-50°	1552.0	1493.2	1434.3	1368.1	1290.9	1195.3	1103.3	1004.0	904.7	809.1	702.4
-52.5°	1382.8	1331.3	1283.5	1228.4	1154.8	1073.9	989.3	901.0	809.1	713.5	628.9
-55°	1265.1	1206.3	1158.5	1103.3	1037.1	959.9	882.7	801.7	713.5	639.9	570.1
-57.5°	1169.5	1103.3	1048.2	989.3	923.1	856.9	787.0	713.5	647.3	577.4	511.2
-60°	1088.6	1011.4	948.9	890.0	827.5	765.0	706.1	643.6	581.1	518.6	452.4
-62.5°	1004.0	923.1	845.9	790.7	742.9	687.7	636.3	577.4	522.2	459.7	411.9
-65°	908.4	831.2	757.6	709.8	665.7	617.9	570.1	518.6	470.8	422.9	378.8
-67.5°	801.7	735.5	684.1	639.9	595.8	555.3	511.2	467.1	426.6	378.8	334.7
-70°	673.0	636.3	606.8	573.7	533.3	496.5	456.0	415.6	371.5	331.0	290.5
-72.5°	573.7	551.7	529.6	496.5	459.7	426.6	393.5	356.7	320.0	283.2	250.1
-75°	470.8	452.4	434.0	411.9	382.5	356.7	327.3	294.2	264.8	239.1	213.3
-77.5°	378.8	364.1	353.1	334.7	312.6	290.5	272.2	250.1	228.0	202.3	176.5
-80°	301.6	294.2	290.5	283.2	264.8	246.4	231.7	213.3	191.2	172.9	154.5
-82.5°	235.4	235.4	231.7	228.0	213.3	198.6	187.6	172.9	158.1	143.4	125.0
-85°	172.9	169.2	169.2	165.5	154.5	147.1	136.1	128.7	117.7	103.0	95.6
-87.5°	103.0	99.3	95.6	91.9	84.6	80.9	73.6	69.9	62.5	55.2	51.5
-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: P722614

CATALOG NUMBER: IFLD-M-SA4C-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°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	0.0	0.0
85°	11.0	7.4	7.4	7.4	7.4	7.4	3.7	3.7	3.7	3.7	3.7
82.5°	22.1	22.1	18.4	18.4	14.7	11.0	7.4	7.4	7.4	3.7	3.7
80°	33.1	33.1	33.1	29.4	25.7	18.4	14.7	11.0	7.4	3.7	3.7
77.5°	40.5	36.8	36.8	33.1	33.1	29.4	22.1	18.4	11.0	7.4	3.7
75°	40.5	40.5	40.5	36.8	36.8	33.1	29.4	22.1	18.4	11.0	7.4
72.5°	44.1	40.5	40.5	40.5	36.8	33.1	29.4	25.7	22.1	14.7	7.4
70°	40.5	40.5	40.5	40.5	36.8	36.8	29.4	25.7	25.7	14.7	11.0
67.5°	40.5	40.5	40.5	36.8	36.8	33.1	29.4	25.7	25.7	18.4	11.0
65°	44.1	40.5	40.5	40.5	36.8	33.1	29.4	25.7	25.7	22.1	14.7
62.5°	47.8	44.1	44.1	40.5	36.8	33.1	29.4	25.7	25.7	22.1	14.7
60°	51.5	47.8	44.1	44.1	40.5	36.8	29.4	29.4	25.7	22.1	14.7
57.5°	55.2	51.5	51.5	47.8	44.1	40.5	33.1	29.4	25.7	22.1	18.4
55°	66.2	58.8	55.2	55.2	51.5	44.1	36.8	29.4	25.7	22.1	18.4
52.5°	88.3	69.9	62.5	62.5	58.8	51.5	40.5	33.1	25.7	22.1	18.4
50°	139.8	88.3	73.6	66.2	66.2	58.8	47.8	36.8	25.7	22.1	18.4
47.5°	220.7	147.1	88.3	77.2	73.6	69.9	55.2	36.8	29.4	22.1	18.4
45°	364.1	217.0	143.4	91.9	77.2	73.6	62.5	40.5	29.4	25.7	18.4
42.5°	500.2	338.4	220.7	110.3	91.9	80.9	66.2	44.1	33.1	25.7	18.4
40°	787.0	463.4	308.9	180.2	106.7	84.6	73.6	51.5	33.1	25.7	18.4
37.5°	1066.5	614.2	415.6	264.8	121.4	95.6	77.2	55.2	36.8	25.7	22.1
35°	1346.1	860.6	514.9	353.1	161.8	114.0	80.9	58.8	36.8	25.7	22.1
32.5°	1596.1	1092.3	617.9	441.3	242.7	136.1	88.3	62.5	40.5	29.4	22.1
30°	1802.1	1305.6	801.7	518.6	316.3	165.5	95.6	62.5	44.1	29.4	22.1
27.5°	1956.6	1471.1	989.3	599.5	378.8	194.9	110.3	69.9	44.1	29.4	22.1
25°	2081.6	1599.8	1154.8	684.1	434.0	242.7	132.4	73.6	47.8	33.1	22.1
22.5°	2180.9	1706.5	1290.9	798.1	500.2	290.5	161.8	80.9	47.8	33.1	22.1
20°	2317.0	1813.1	1382.8	919.4	570.1	334.7	187.6	88.3	47.8	33.1	25.7
17.5°	2434.7	1919.8	1456.4	1022.4	639.9	367.8	217.0	95.6	51.5	33.1	25.7
15°	2570.7	2022.8	1522.6	1103.3	706.1	397.2	242.7	103.0	51.5	36.8	25.7
12.5°	2717.9	2118.4	1570.4	1169.5	776.0	422.9	264.8	117.7	55.2	36.8	25.7
10°	2868.6	2199.3	1610.9	1217.3	827.5	448.7	279.5	132.4	58.8	36.8	25.7
7.5°	3019.4	2272.8	1662.3	1239.4	849.6	478.1	286.9	147.1	58.8	40.5	25.7
5°	3122.4	2320.7	1735.9	1254.1	860.6	511.2	297.9	165.5	62.5	40.5	25.7
2.5°	3210.7	2350.1	1813.1	1265.1	864.3	529.6	294.2	176.5	66.2	40.5	25.7
0°	3251.1	2350.1	1864.6	1257.8	853.2	548.0	294.2	187.6	66.2	40.5	25.7
-2.5°	3188.6	2416.3	1849.9	1261.5	856.9	548.0	308.9	191.2	73.6	44.1	25.7
-5°	3089.3	2442.0	1805.8	1243.1	849.6	548.0	327.3	194.9	77.2	44.1	29.4
-7.5°	2993.7	2453.1	1754.3	1224.7	838.5	533.3	331.0	191.2	84.6	47.8	29.4
-10°	2868.6	2331.7	1688.1	1191.6	816.5	522.2	338.4	191.2	88.3	47.8	29.4
-12.5°	2725.2	2184.6	1607.2	1143.8	790.7	511.2	342.0	191.2	91.9	51.5	29.4
-15°	2559.7	2033.8	1515.2	1092.3	753.9	496.5	334.7	187.6	95.6	51.5	33.1
-17.5°	2372.1	1886.7	1419.6	1029.8	713.5	478.1	320.0	183.9	95.6	51.5	33.1
-20°	2158.8	1739.6	1313.0	967.2	665.7	456.0	305.3	176.5	95.6	51.5	33.1



REPORT NUMBER: P722614

CATALOG NUMBER: IFLD-M-SA4C-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°	1967.6	1603.5	1202.6	897.4	614.2	430.3	286.9	169.2	95.6	55.2	33.1
-25°	1809.5	1471.1	1118.0	827.5	559.0	400.9	268.5	161.8	95.6	55.2	33.1
-27.5°	1644.0	1327.7	1029.8	761.3	522.2	375.1	250.1	154.5	91.9	55.2	33.1
-30°	1474.8	1187.9	937.8	687.7	485.5	349.4	235.4	143.4	91.9	55.2	33.1
-32.5°	1320.3	1073.9	853.2	614.2	445.0	323.6	220.7	139.8	88.3	55.2	33.1
-35°	1169.5	970.9	765.0	555.3	400.9	297.9	206.0	136.1	88.3	55.2	33.1
-37.5°	1044.5	875.3	684.1	514.9	375.1	275.8	191.2	128.7	84.6	55.2	33.1
-40°	941.5	787.0	606.8	470.8	353.1	253.8	176.5	125.0	84.6	55.2	33.1
-42.5°	845.9	702.4	559.0	434.0	331.0	239.1	165.5	121.4	80.9	55.2	33.1
-45°	761.3	628.9	511.2	400.9	305.3	220.7	158.1	114.0	77.2	55.2	36.8
-47.5°	676.7	577.4	467.1	371.5	279.5	198.6	150.8	110.3	73.6	51.5	36.8
-50°	610.5	522.2	430.3	338.4	253.8	191.2	143.4	103.0	73.6	51.5	36.8
-52.5°	551.7	470.8	389.8	305.3	231.7	180.2	136.1	95.6	69.9	51.5	36.8
-55°	496.5	422.9	349.4	272.2	217.0	169.2	125.0	88.3	69.9	51.5	36.8
-57.5°	441.3	378.8	308.9	246.4	198.6	158.1	117.7	88.3	69.9	51.5	36.8
-60°	397.2	338.4	279.5	228.0	183.9	143.4	106.7	84.6	66.2	51.5	36.8
-62.5°	360.4	305.3	253.8	206.0	169.2	128.7	103.0	84.6	66.2	51.5	33.1
-65°	323.6	275.8	228.0	187.6	150.8	121.4	99.3	80.9	66.2	51.5	33.1
-67.5°	286.9	242.7	206.0	165.5	139.8	117.7	95.6	80.9	62.5	47.8	33.1
-70°	250.1	213.3	180.2	154.5	132.4	110.3	91.9	77.2	62.5	44.1	29.4
-72.5°	220.7	187.6	161.8	143.4	125.0	106.7	88.3	73.6	58.8	40.5	25.7
-75°	187.6	165.5	147.1	128.7	114.0	99.3	84.6	66.2	51.5	36.8	25.7
-77.5°	158.1	143.4	128.7	117.7	103.0	88.3	73.6	58.8	47.8	33.1	22.1
-80°	136.1	125.0	114.0	103.0	91.9	77.2	66.2	51.5	40.5	29.4	18.4
-82.5°	110.3	103.0	91.9	84.6	77.2	66.2	55.2	44.1	29.4	22.1	14.7
-85°	84.6	77.2	73.6	66.2	58.8	47.8	36.8	29.4	22.1	14.7	7.4
-87.5°	44.1	40.5	36.8	33.1	29.4	22.1	18.4	14.7	11.0	7.4	3.7
-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: P722614

CATALOG NUMBER: IFLD-M-SA4C-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°	3.7	0.0	0.0	0.0
77.5°	3.7	0.0	0.0	0.0
75°	3.7	3.7	0.0	0.0
72.5°	3.7	3.7	0.0	0.0
70°	3.7	3.7	0.0	0.0
67.5°	7.4	3.7	0.0	0.0
65°	7.4	3.7	0.0	0.0
62.5°	7.4	3.7	0.0	0.0
60°	7.4	3.7	0.0	0.0
57.5°	11.0	3.7	3.7	0.0
55°	11.0	3.7	3.7	0.0
52.5°	11.0	3.7	3.7	0.0
50°	11.0	7.4	3.7	0.0
47.5°	11.0	7.4	3.7	0.0
45°	11.0	7.4	3.7	0.0
42.5°	11.0	7.4	3.7	0.0
40°	14.7	7.4	3.7	0.0
37.5°	14.7	7.4	3.7	0.0
35°	14.7	7.4	3.7	0.0
32.5°	14.7	7.4	3.7	0.0
30°	14.7	7.4	3.7	0.0
27.5°	14.7	11.0	3.7	0.0
25°	14.7	11.0	3.7	0.0
22.5°	18.4	11.0	3.7	0.0
20°	18.4	11.0	3.7	0.0
17.5°	18.4	11.0	3.7	0.0
15°	18.4	11.0	3.7	0.0
12.5°	18.4	11.0	3.7	0.0
10°	18.4	11.0	3.7	0.0
7.5°	18.4	11.0	3.7	0.0
5°	18.4	11.0	3.7	0.0
2.5°	18.4	11.0	3.7	0.0
0°	18.4	11.0	3.7	0.0
-2.5°	18.4	11.0	3.7	0.0
-5°	18.4	11.0	3.7	0.0
-7.5°	18.4	11.0	3.7	0.0
-10°	18.4	11.0	3.7	0.0
-12.5°	22.1	11.0	3.7	0.0
-15°	22.1	11.0	3.7	0.0
-17.5°	22.1	11.0	3.7	0.0
-20°	22.1	11.0	3.7	0.0

REPORT NUMBER: P722614

CATALOG NUMBER: IFLD-M-SA4C-830-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	22.1	11.0	3.7	0.0
-25°	22.1	11.0	3.7	0.0
-27.5°	22.1	11.0	3.7	0.0
-30°	22.1	11.0	3.7	0.0
-32.5°	22.1	11.0	3.7	0.0
-35°	22.1	11.0	3.7	0.0
-37.5°	22.1	11.0	3.7	0.0
-40°	22.1	11.0	3.7	0.0
-42.5°	18.4	11.0	3.7	0.0
-45°	22.1	11.0	3.7	0.0
-47.5°	22.1	11.0	3.7	0.0
-50°	22.1	11.0	3.7	0.0
-52.5°	22.1	11.0	3.7	0.0
-55°	22.1	11.0	3.7	0.0
-57.5°	22.1	11.0	3.7	0.0
-60°	22.1	11.0	3.7	0.0
-62.5°	18.4	11.0	3.7	0.0
-65°	18.4	7.4	3.7	0.0
-67.5°	18.4	7.4	3.7	0.0
-70°	18.4	7.4	3.7	0.0
-72.5°	14.7	7.4	3.7	0.0
-75°	14.7	7.4	3.7	0.0
-77.5°	11.0	3.7	0.0	0.0
-80°	11.0	3.7	0.0	0.0
-82.5°	7.4	3.7	0.0	0.0
-85°	3.7	3.7	0.0	0.0
-87.5°	3.7	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)