

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: P722607

Luminaire Tested: **IFLD-S-SA6A-830-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722607
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6A-830-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (96) 3000K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	21929.4 lumens	Max Intensity:	15309.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	115.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' 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:	13990 lumens	Field Lumens:	20674.5 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

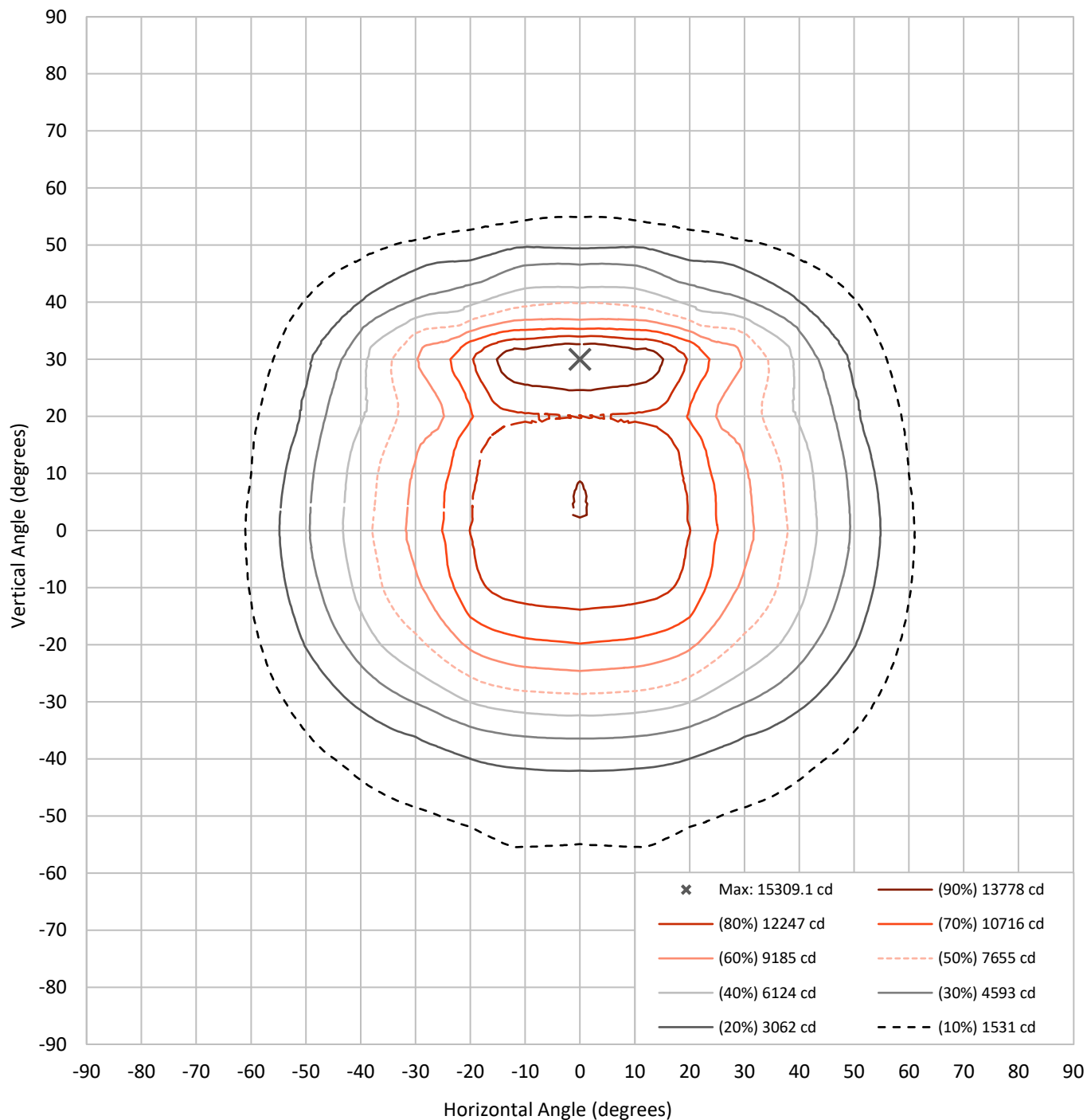
Input Watts (W): 189.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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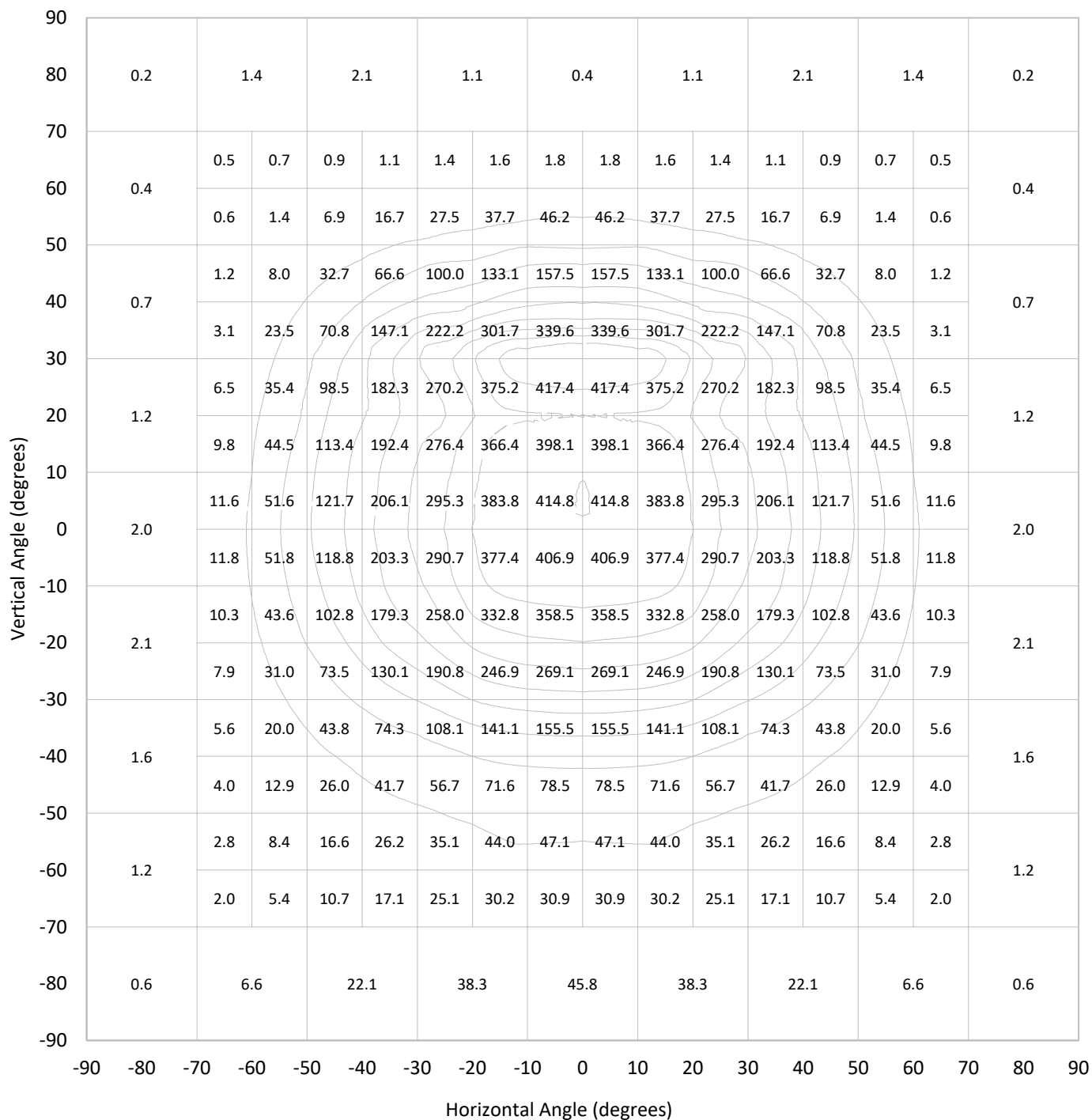
Iso-Candela Plot



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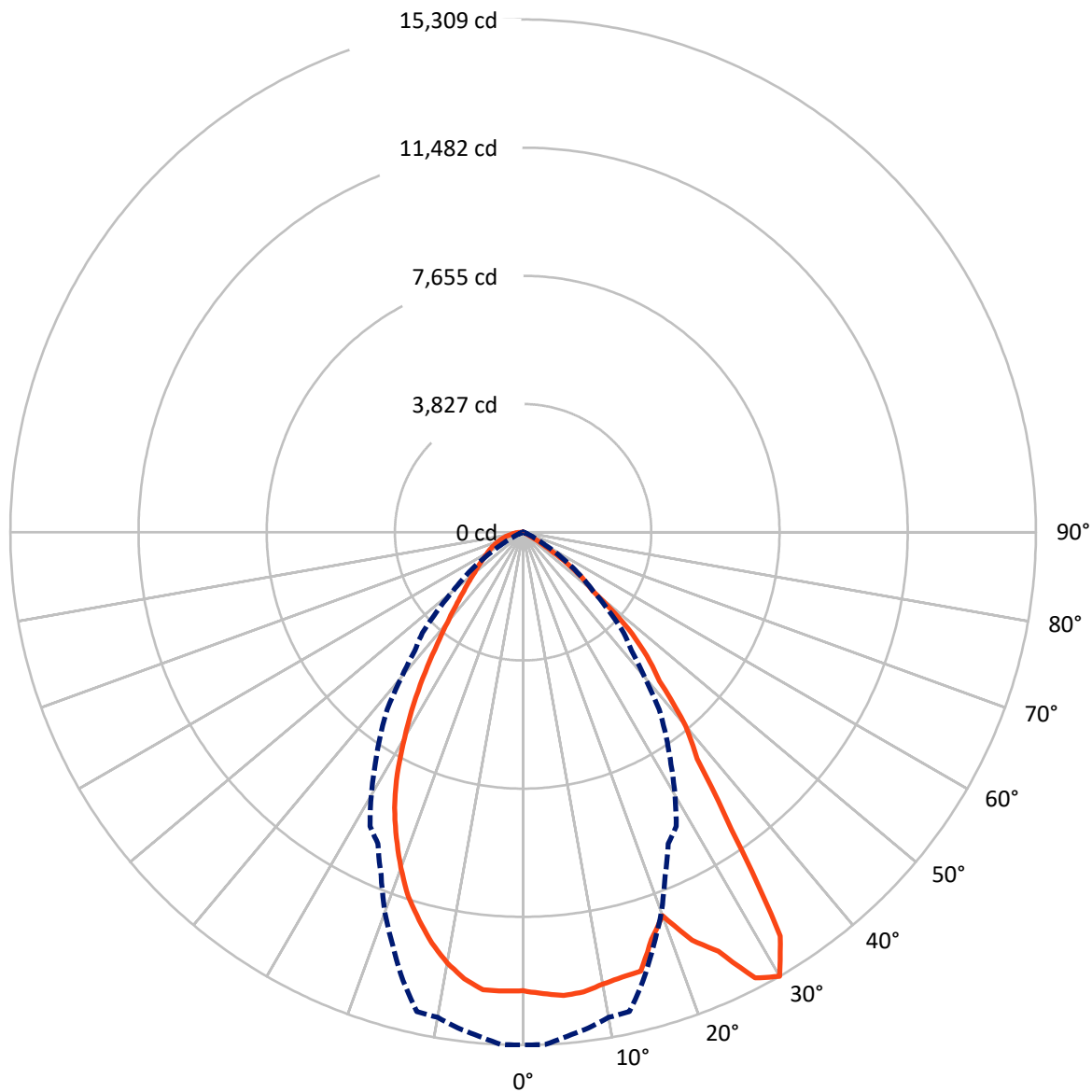
Lumen Table



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Luminous Intensity Polar Plot



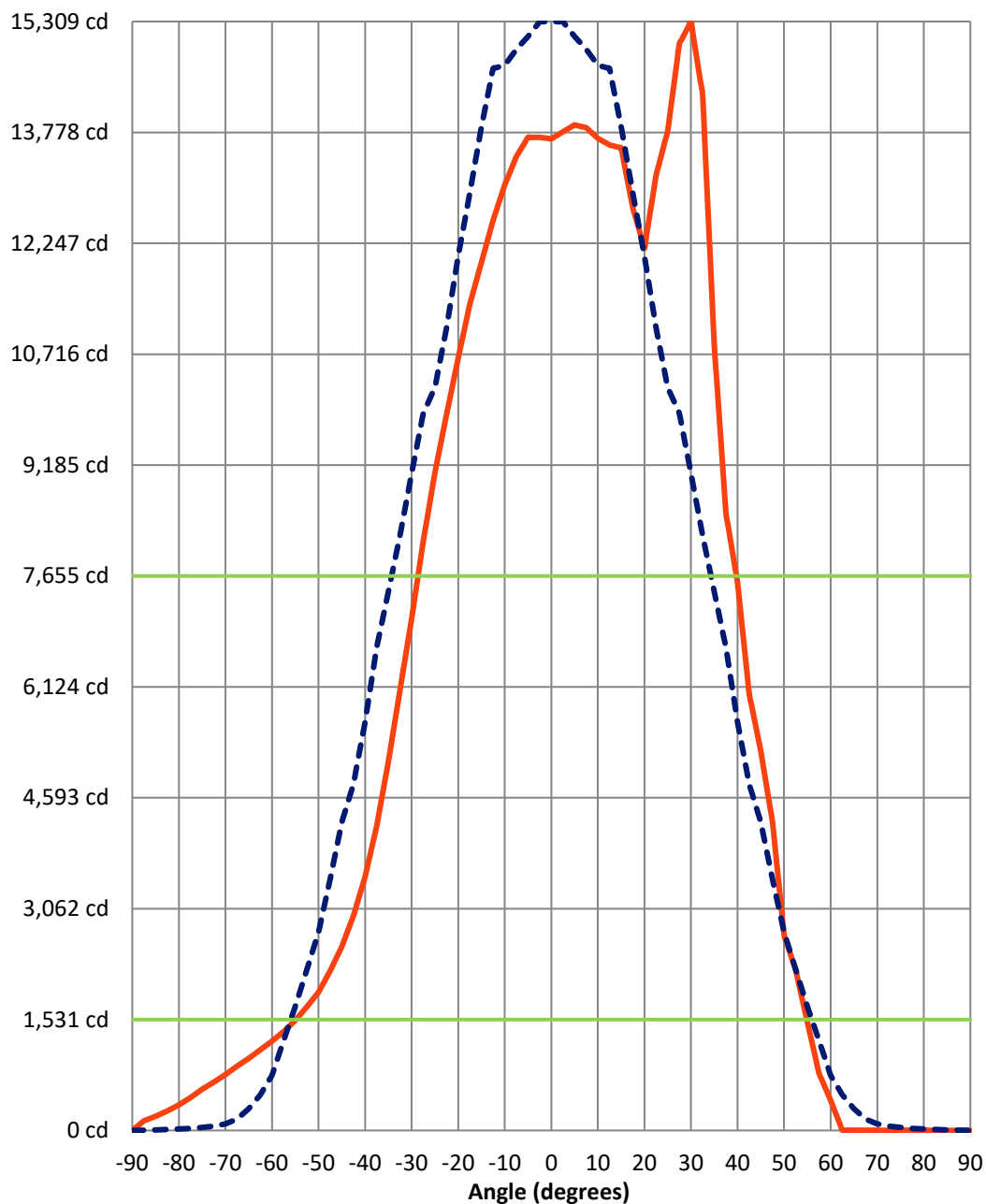
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 13990

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 20674.5

Efficiency: 94.3%

Spill:

Lumens: 1254.9

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	3.5	3.5	3.5	3.5	3.5	3.5	3.5
85°	0.0	3.5	3.5	3.5	7.0	7.0	7.0	7.0	7.0	7.0	10.5
82.5°	0.0	3.5	3.5	3.5	7.0	7.0	7.0	7.0	10.5	10.5	14.0
80°	3.5	3.5	3.5	3.5	7.0	7.0	7.0	10.5	10.5	14.0	14.0
77.5°	3.5	3.5	3.5	7.0	7.0	7.0	10.5	10.5	14.0	14.0	17.5
75°	3.5	3.5	3.5	7.0	7.0	10.5	10.5	10.5	14.0	14.0	17.5
72.5°	0.0	3.5	3.5	7.0	7.0	10.5	10.5	10.5	14.0	14.0	14.0
70°	3.5	3.5	3.5	7.0	7.0	10.5	10.5	10.5	14.0	14.0	14.0
67.5°	3.5	3.5	3.5	7.0	7.0	10.5	10.5	14.0	14.0	14.0	17.5
65°	3.5	3.5	3.5	7.0	10.5	10.5	14.0	17.5	17.5	20.9	24.4
62.5°	3.5	7.0	7.0	10.5	14.0	17.5	38.4	59.4	59.4	41.9	34.9
60°	415.5	450.4	446.9	405.0	352.6	296.8	286.3	275.8	254.9	223.4	233.9
57.5°	789.0	830.9	848.4	837.9	810.0	761.1	733.2	701.7	659.8	611.0	555.1
55°	1494.3	1511.7	1473.3	1400.0	1319.7	1239.4	1211.5	1169.6	1106.7	1043.9	960.1
52.5°	2210.0	2269.3	2251.9	2178.5	2070.3	1927.2	1770.1	1647.9	1574.6	1504.7	1420.9
50°	2698.7	2723.2	2772.1	2859.3	2890.8	2793.0	2538.1	2210.0	1976.0	2094.8	2004.0
47.5°	4259.3	4381.5	4357.1	4294.2	4189.5	3924.2	3568.1	3274.8	3030.4	2950.1	2964.1
45°	5233.4	5282.3	5264.8	5236.9	5188.0	4940.1	4545.6	4095.2	3868.3	3777.5	3683.3
42.5°	6032.9	6085.3	6095.7	6099.2	6046.8	5819.9	5463.8	5013.4	4786.5	4524.7	4318.7
40°	7558.6	7635.4	7548.1	7432.9	7258.3	7000.0	6650.8	6235.4	5833.9	5512.7	5268.3
37.5°	8532.6	8626.9	8661.8	8654.8	8616.4	8504.7	8075.3	7680.8	7066.3	6347.1	6476.3
35°	10843.8	10941.6	10913.7	10808.9	10753.1	10634.4	10215.4	9747.6	8976.0	8194.0	7984.5
32.5°	14289.7	14502.7	14104.7	13668.3	13399.4	13493.7	13067.8	11922.6	11566.5	10156.1	9503.2
30°	15309.1	15305.6	15103.2	14925.1	14705.2	14659.8	13856.8	12942.1	12069.3	11081.2	10257.3
27.5°	14998.4	14935.6	14764.5	14635.3	14429.3	14321.1	13535.6	12809.4	11800.4	10917.1	10121.1
25°	13800.9	13849.8	13675.2	13650.8	13570.5	13361.0	12970.0	12153.0	11252.3	10274.8	9702.2
22.5°	13183.0	13165.5	12956.0	12833.8	12931.6	12708.2	12551.1	11727.1	10788.0	9964.0	9276.3
20°	12177.5	12181.0	12128.6	12118.1	12058.8	11957.5	11831.9	11248.8	10585.5	9880.2	9052.8
17.5°	12739.6	12882.7	12945.6	12425.4	12572.0	12456.8	12324.1	11510.7	11011.4	10386.5	9307.7
15°	13563.5	13511.1	13448.3	13420.4	13340.1	13231.8	12990.9	12341.6	11482.7	10836.8	9995.5
12.5°	13605.4	13504.2	13479.7	13476.2	13392.4	13242.3	13008.4	12470.8	11709.7	10924.1	10239.8
10°	13696.2	13591.4	13577.5	13594.9	13465.8	13371.5	13137.6	12638.3	11779.5	11074.3	10428.4
7.5°	13842.8	13668.3	13748.6	13696.2	13636.8	13486.7	13235.3	12746.6	12034.3	11273.3	10596.0
5°	13881.2	13689.2	13776.5	13727.6	13640.3	13493.7	13221.4	12816.4	12191.5	11353.6	10662.3
2.5°	13787.0	13731.1	13692.7	13601.9	13563.5	13402.9	13144.6	12711.6	12118.1	11318.6	10648.3
0°	13689.2	13738.1	13650.8	13560.0	13542.6	13413.4	13193.4	12802.4	12289.2	11416.4	10767.0
-2.5°	13710.1	13671.7	13612.4	13518.1	13427.4	13242.3	13043.3	12676.7	12125.1	11203.4	10599.4
-5°	13710.1	13532.1	13539.1	13542.6	13451.8	13259.8	13018.9	12708.2	12027.4	11199.9	10550.6
-7.5°	13444.8	13291.2	13266.8	13245.8	13221.4	13043.3	12854.8	12467.3	11863.3	11109.2	10414.4
-10°	13053.8	12903.7	12917.6	12886.2	12809.4	12690.7	12547.6	12198.4	11702.7	10822.9	10138.6
-12.5°	12565.0	12498.7	12460.3	12407.9	12331.1	12226.4	12079.7	11751.6	11220.9	10470.3	9820.9
-15°	11985.5	11936.6	11901.7	11870.3	11758.5	11650.3	11458.3	11154.6	10822.9	10016.4	9353.1
-17.5°	11405.9	11283.7	11234.8	11193.0	11119.6	10945.1	10770.5	10543.6	10079.2	9440.3	8871.3
-20°	10662.3	10589.0	10529.6	10473.8	10369.0	10232.9	10089.7	9827.9	9426.4	8909.7	8319.7

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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°	9883.7	9841.8	9793.0	9723.1	9653.3	9524.1	9325.1	9073.8	8759.6	8201.0	7649.3
-25°	9080.7	9000.4	8941.1	8874.8	8818.9	8700.2	8508.2	8267.3	7872.8	7391.0	6930.1
-27.5°	8134.6	8057.8	8026.4	7949.6	7900.7	7792.5	7600.5	7377.0	7020.9	6615.9	6148.1
-30°	7066.3	7080.3	7045.3	6972.0	6912.7	6773.0	6626.4	6437.9	6158.6	5771.0	5352.1
-32.5°	6078.3	6095.7	6053.8	5977.0	5900.2	5799.0	5662.8	5491.7	5282.3	4912.2	4549.1
-35°	5090.2	5083.3	5048.4	5003.0	4950.6	4866.8	4713.2	4584.0	4343.1	4084.8	3833.4
-37.5°	4203.5	4220.9	4210.5	4186.0	4126.7	4056.8	3931.1	3812.4	3634.4	3407.5	3212.0
-40°	3501.7	3522.7	3508.7	3484.3	3431.9	3390.0	3306.2	3201.5	3058.3	2862.8	2698.7
-42.5°	2964.1	2978.0	2960.6	2939.6	2894.2	2862.8	2796.5	2709.2	2590.5	2440.4	2293.8
-45°	2538.1	2541.6	2524.2	2510.2	2475.3	2436.9	2381.0	2311.2	2216.9	2112.2	1993.5
-47.5°	2203.0	2199.5	2182.0	2168.1	2140.1	2105.2	2059.8	1997.0	1923.7	1843.4	1749.1
-50°	1909.7	1927.2	1920.2	1906.2	1885.3	1860.8	1815.5	1749.1	1675.8	1616.4	1550.1
-52.5°	1707.2	1710.7	1707.2	1707.2	1703.7	1686.3	1633.9	1567.6	1487.3	1434.9	1379.0
-55°	1518.7	1536.2	1543.1	1550.1	1553.6	1553.6	1490.8	1420.9	1344.1	1291.8	1249.9
-57.5°	1365.1	1375.6	1382.5	1400.0	1414.0	1424.4	1368.6	1305.7	1246.4	1197.5	1159.1
-60°	1232.4	1246.4	1256.9	1274.3	1284.8	1291.8	1256.9	1215.0	1180.0	1148.6	1092.8
-62.5°	1113.7	1124.2	1134.7	1145.1	1155.6	1162.6	1148.6	1127.7	1110.2	1096.3	1026.4
-65°	995.0	1005.5	1016.0	1029.9	1040.4	1047.4	1043.9	1029.9	1016.0	1002.0	939.1
-67.5°	886.8	897.3	911.2	914.7	921.7	925.2	918.2	907.7	890.3	872.8	823.9
-70°	771.6	778.5	785.5	785.5	785.5	782.0	775.1	761.1	743.6	719.2	680.8
-72.5°	666.8	673.8	680.8	670.3	663.3	652.9	642.4	624.9	607.5	590.0	569.1
-75°	569.1	572.6	572.6	558.6	548.1	537.7	523.7	513.2	495.8	481.8	464.3
-77.5°	453.9	453.9	453.9	443.4	436.4	429.4	419.0	408.5	394.5	384.0	370.1
-80°	352.6	352.6	352.6	349.1	338.7	331.7	324.7	317.7	307.2	300.2	293.3
-82.5°	268.8	268.8	268.8	265.3	258.4	254.9	247.9	240.9	237.4	230.4	226.9
-85°	195.5	199.0	199.0	195.5	192.0	185.0	181.5	178.1	174.6	171.1	164.1
-87.5°	132.7	132.7	132.7	129.2	125.7	125.7	122.2	115.2	108.2	104.7	101.2
-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°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
85°	10.5	10.5	10.5	14.0	14.0	14.0	14.0	14.0	14.0	14.0	10.5
82.5°	17.5	17.5	20.9	20.9	24.4	24.4	24.4	24.4	24.4	24.4	24.4
80°	17.5	20.9	24.4	27.9	31.4	34.9	34.9	34.9	34.9	31.4	31.4
77.5°	20.9	20.9	24.4	27.9	31.4	34.9	38.4	41.9	38.4	38.4	38.4
75°	20.9	24.4	24.4	27.9	31.4	34.9	38.4	41.9	41.9	41.9	41.9
72.5°	17.5	20.9	24.4	27.9	27.9	31.4	34.9	34.9	38.4	38.4	41.9
70°	17.5	20.9	24.4	24.4	27.9	27.9	31.4	34.9	34.9	38.4	38.4
67.5°	20.9	24.4	24.4	27.9	31.4	31.4	31.4	34.9	34.9	38.4	38.4
65°	24.4	27.9	27.9	31.4	34.9	34.9	38.4	38.4	38.4	41.9	41.9
62.5°	41.9	41.9	41.9	38.4	41.9	41.9	41.9	45.4	45.4	41.9	45.4
60°	216.5	157.1	108.2	136.2	122.2	55.9	55.9	55.9	52.4	52.4	48.9
57.5°	509.7	474.8	408.5	345.6	310.7	275.8	171.1	69.8	69.8	62.8	55.9
55°	851.9	736.7	687.8	604.0	513.2	471.3	391.0	265.3	125.7	83.8	73.3
52.5°	1319.7	1211.5	1085.8	914.7	792.5	694.8	628.4	499.2	335.2	178.1	111.7
50°	1766.6	1717.7	1640.9	1473.3	1218.4	1054.4	946.1	799.5	600.5	366.6	209.5
47.5°	2845.4	2436.9	2189.0	2059.8	1846.9	1536.2	1326.7	1162.6	921.7	618.0	370.1
45°	3582.0	3323.7	2929.2	2656.8	2342.6	2014.5	1742.1	1553.6	1267.3	925.2	579.5
42.5°	4213.9	3990.5	3634.4	3236.4	2904.7	2475.3	2126.2	1878.3	1637.4	1263.8	865.8
40°	5027.4	4762.1	4419.9	4032.4	3644.9	3096.7	2531.2	2230.9	1965.6	1633.9	1169.6
37.5°	6368.0	5900.2	5341.6	4912.2	4406.0	3941.6	3166.6	2635.9	2321.7	1976.0	1525.7
35°	7981.0	7467.8	6535.6	5966.5	5289.2	4598.0	3899.7	3114.2	2667.3	2300.7	1853.9
32.5°	9482.2	8731.6	7537.6	6870.8	6420.4	5146.1	4423.4	3742.6	3023.4	2573.1	2042.4
30°	9897.7	9070.3	8214.9	7436.4	6668.3	5638.4	4783.0	4252.3	3470.3	2737.1	2220.4
27.5°	9478.7	8909.7	8246.3	7523.6	6692.7	5809.4	5003.0	4496.7	3798.5	2848.9	2360.1
25°	9052.8	8459.3	7995.0	7391.0	6622.9	5799.0	5009.9	4650.3	4053.3	3065.3	2436.9
22.5°	8602.4	8232.4	7848.3	7174.5	6448.3	5830.4	5236.9	4783.0	4186.0	3309.7	2468.3
20°	8626.9	8386.0	7963.5	7062.8	6416.9	6015.4	5509.2	4950.6	4329.2	3522.7	2492.8
17.5°	9017.9	8703.7	8173.0	7391.0	6699.7	6204.0	5736.1	5181.0	4475.8	3711.2	2789.5
15°	9499.7	9021.4	8466.3	7778.5	6996.5	6409.9	5910.7	5341.6	4643.4	3885.8	3054.8
12.5°	9848.8	9168.0	8647.8	8026.4	7317.7	6633.4	6025.9	5463.8	4800.5	4028.9	3253.8
10°	9967.5	9349.6	8735.1	8180.0	7481.8	6752.1	6113.2	5540.6	4936.6	4140.6	3400.5
7.5°	10030.4	9506.7	8794.5	8249.8	7579.5	6825.4	6183.0	5582.5	5044.9	4217.4	3494.7
5°	10023.4	9590.5	8839.9	8270.8	7631.9	6856.8	6231.9	5593.0	5121.7	4283.8	3550.6
2.5°	9992.0	9646.3	8913.2	8305.7	7736.6	6916.2	6326.1	5613.9	5149.6	4357.1	3589.0
0°	10107.2	9649.8	8990.0	8316.2	7806.4	6937.1	6368.0	5596.5	5111.2	4378.0	3585.5
-2.5°	9859.3	9443.8	8972.5	8225.4	7712.2	6888.2	6291.2	5540.6	5027.4	4353.6	3571.6
-5°	9817.4	9293.7	8825.9	8141.6	7555.1	6787.0	6148.1	5435.9	4894.7	4273.3	3515.7
-7.5°	9705.7	9150.6	8682.7	8075.3	7408.4	6682.3	6011.9	5327.7	4751.6	4147.6	3435.4
-10°	9461.3	8930.6	8529.1	7932.1	7230.4	6532.1	5847.8	5184.5	4584.0	3976.5	3309.7
-12.5°	9112.2	8581.5	8183.5	7628.4	7006.9	6329.6	5652.3	4999.5	4392.0	3795.0	3159.6
-15°	8717.7	8180.0	7782.0	7275.8	6675.3	6015.4	5404.5	4765.6	4172.0	3603.0	2981.5
-17.5°	8270.8	7761.1	7377.0	6884.7	6287.7	5659.3	5051.8	4472.3	3917.2	3404.0	2775.5
-20°	7754.1	7258.3	6905.7	6413.4	5865.3	5254.3	4664.3	4116.2	3616.9	3135.1	2548.6

REPORT NUMBER: P722607

CATALOG NUMBER: IFLD-S-SA6A-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°	7115.2	6678.8	6277.3	5837.4	5359.1	4800.5	4252.3	3767.1	3288.8	2817.4	2314.7
-25°	6462.3	6039.9	5648.8	5247.4	4790.0	4308.2	3840.4	3400.5	2932.7	2506.7	2087.8
-27.5°	5736.1	5359.1	5009.9	4639.9	4220.9	3805.5	3421.4	2992.0	2587.0	2223.9	1864.3
-30°	4961.1	4653.8	4350.1	4021.9	3683.3	3334.1	2992.0	2587.0	2269.3	1979.5	1675.8
-32.5°	4217.4	3941.6	3697.2	3452.8	3159.6	2873.3	2569.6	2269.3	2004.0	1749.1	1494.3
-35°	3564.6	3271.3	3135.1	2939.6	2705.7	2447.4	2199.5	1990.0	1777.0	1546.6	1319.7
-37.5°	2999.0	2810.5	2649.9	2503.2	2318.2	2094.8	1916.7	1745.6	1567.6	1358.1	1162.6
-40°	2555.6	2419.4	2258.8	2150.6	2000.5	1839.9	1661.8	1518.7	1368.6	1197.5	1036.9
-42.5°	2199.5	2087.8	1983.0	1867.8	1756.1	1619.9	1466.3	1330.2	1194.0	1068.3	935.7
-45°	1906.2	1825.9	1742.1	1647.9	1550.1	1431.4	1305.7	1166.1	1068.3	956.6	844.9
-47.5°	1665.3	1606.0	1536.2	1462.8	1379.0	1274.3	1159.1	1057.8	956.6	862.3	754.1
-50°	1473.3	1417.4	1361.6	1298.7	1225.4	1134.7	1047.4	953.1	858.8	768.1	666.8
-52.5°	1312.7	1263.8	1218.4	1166.1	1096.3	1019.4	939.1	855.4	768.1	677.3	597.0
-55°	1201.0	1145.1	1099.7	1047.4	984.5	911.2	837.9	761.1	677.3	607.5	541.1
-57.5°	1110.2	1047.4	995.0	939.1	876.3	813.5	747.1	677.3	614.5	548.1	485.3
-60°	1033.4	960.1	900.7	844.9	785.5	726.2	670.3	611.0	551.6	492.3	429.4
-62.5°	953.1	876.3	803.0	750.6	705.2	652.9	604.0	548.1	495.8	436.4	391.0
-65°	862.3	789.0	719.2	673.8	631.9	586.5	541.1	492.3	446.9	401.5	359.6
-67.5°	761.1	698.3	649.4	607.5	565.6	527.2	485.3	443.4	405.0	359.6	317.7
-70°	638.9	604.0	576.1	544.6	506.2	471.3	432.9	394.5	352.6	314.2	275.8
-72.5°	544.6	523.7	502.7	471.3	436.4	405.0	373.6	338.7	303.7	268.8	237.4
-75°	446.9	429.4	412.0	391.0	363.1	338.7	310.7	279.3	251.4	226.9	202.5
-77.5°	359.6	345.6	335.2	317.7	296.8	275.8	258.4	237.4	216.5	192.0	167.6
-80°	286.3	279.3	275.8	268.8	251.4	233.9	219.9	202.5	181.5	164.1	146.6
-82.5°	223.4	223.4	219.9	216.5	202.5	188.5	178.1	164.1	150.1	136.2	118.7
-85°	164.1	160.6	160.6	157.1	146.6	139.7	129.2	122.2	111.7	97.8	90.8
-87.5°	97.8	94.3	90.8	87.3	80.3	76.8	69.8	66.3	59.4	52.4	48.9
-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: P722607

CATALOG NUMBER: IFLD-S-SA6A-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°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	0.0	0.0
85°	10.5	7.0	7.0	7.0	7.0	7.0	3.5	3.5	3.5	3.5	3.5
82.5°	20.9	20.9	17.5	17.5	14.0	10.5	7.0	7.0	7.0	3.5	3.5
80°	31.4	31.4	31.4	27.9	24.4	17.5	14.0	10.5	7.0	3.5	3.5
77.5°	38.4	34.9	34.9	31.4	31.4	27.9	20.9	17.5	10.5	7.0	3.5
75°	38.4	38.4	38.4	34.9	34.9	31.4	27.9	20.9	17.5	10.5	7.0
72.5°	41.9	38.4	38.4	38.4	34.9	31.4	27.9	24.4	20.9	14.0	7.0
70°	38.4	38.4	38.4	38.4	34.9	34.9	27.9	24.4	24.4	14.0	10.5
67.5°	38.4	38.4	38.4	34.9	34.9	31.4	27.9	24.4	24.4	17.5	10.5
65°	41.9	38.4	38.4	38.4	34.9	31.4	27.9	24.4	24.4	20.9	14.0
62.5°	45.4	41.9	41.9	38.4	34.9	31.4	27.9	24.4	24.4	20.9	14.0
60°	48.9	45.4	41.9	41.9	38.4	34.9	27.9	27.9	24.4	20.9	14.0
57.5°	52.4	48.9	48.9	45.4	41.9	38.4	31.4	27.9	24.4	20.9	17.5
55°	62.8	55.9	52.4	52.4	48.9	41.9	34.9	27.9	24.4	20.9	17.5
52.5°	83.8	66.3	59.4	59.4	55.9	48.9	38.4	31.4	24.4	20.9	17.5
50°	132.7	83.8	69.8	62.8	62.8	55.9	45.4	34.9	24.4	20.9	17.5
47.5°	209.5	139.7	83.8	73.3	69.8	66.3	52.4	34.9	27.9	20.9	17.5
45°	345.6	206.0	136.2	87.3	73.3	69.8	59.4	38.4	27.9	24.4	17.5
42.5°	474.8	321.2	209.5	104.7	87.3	76.8	62.8	41.9	31.4	24.4	17.5
40°	747.1	439.9	293.3	171.1	101.2	80.3	69.8	48.9	31.4	24.4	17.5
37.5°	1012.5	583.0	394.5	251.4	115.2	90.8	73.3	52.4	34.9	24.4	20.9
35°	1277.8	817.0	488.8	335.2	153.6	108.2	76.8	55.9	34.9	24.4	20.9
32.5°	1515.2	1036.9	586.5	419.0	230.4	129.2	83.8	59.4	38.4	27.9	20.9
30°	1710.7	1239.4	761.1	492.3	300.2	157.1	90.8	59.4	41.9	27.9	20.9
27.5°	1857.3	1396.5	939.1	569.1	359.6	185.0	104.7	66.3	41.9	27.9	20.9
25°	1976.0	1518.7	1096.3	649.4	412.0	230.4	125.7	69.8	45.4	31.4	20.9
22.5°	2070.3	1619.9	1225.4	757.6	474.8	275.8	153.6	76.8	45.4	31.4	20.9
20°	2199.5	1721.2	1312.7	872.8	541.1	317.7	178.1	83.8	45.4	31.4	24.4
17.5°	2311.2	1822.4	1382.5	970.6	607.5	349.1	206.0	90.8	48.9	31.4	24.4
15°	2440.4	1920.2	1445.4	1047.4	670.3	377.1	230.4	97.8	48.9	34.9	24.4
12.5°	2580.0	2011.0	1490.8	1110.2	736.7	401.5	251.4	111.7	52.4	34.9	24.4
10°	2723.2	2087.8	1529.2	1155.6	785.5	425.9	265.3	125.7	55.9	34.9	24.4
7.5°	2866.3	2157.6	1578.0	1176.6	806.5	453.9	272.3	139.7	55.9	38.4	24.4
5°	2964.1	2203.0	1647.9	1190.5	817.0	485.3	282.8	157.1	59.4	38.4	24.4
2.5°	3047.9	2230.9	1721.2	1201.0	820.4	502.7	279.3	167.6	62.8	38.4	24.4
0°	3086.3	2230.9	1770.1	1194.0	810.0	520.2	279.3	178.1	62.8	38.4	24.4
-2.5°	3026.9	2293.8	1756.1	1197.5	813.5	520.2	293.3	181.5	69.8	41.9	24.4
-5°	2932.7	2318.2	1714.2	1180.0	806.5	520.2	310.7	185.0	73.3	41.9	27.9
-7.5°	2841.9	2328.7	1665.3	1162.6	796.0	506.2	314.2	181.5	80.3	45.4	27.9
-10°	2723.2	2213.5	1602.5	1131.2	775.1	495.8	321.2	181.5	83.8	45.4	27.9
-12.5°	2587.0	2073.8	1525.7	1085.8	750.6	485.3	324.7	181.5	87.3	48.9	27.9
-15°	2429.9	1930.7	1438.4	1036.9	715.7	471.3	317.7	178.1	90.8	48.9	31.4
-17.5°	2251.9	1791.0	1347.6	977.6	677.3	453.9	303.7	174.6	90.8	48.9	31.4
-20°	2049.4	1651.4	1246.4	918.2	631.9	432.9	289.8	167.6	90.8	48.9	31.4



REPORT NUMBER: P722607

CATALOG NUMBER: IFLD-S-SA6A-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°	1867.8	1522.2	1141.6	851.9	583.0	408.5	272.3	160.6	90.8	52.4	31.4
-25°	1717.7	1396.5	1061.3	785.5	530.7	380.5	254.9	153.6	90.8	52.4	31.4
-27.5°	1560.6	1260.3	977.6	722.7	495.8	356.1	237.4	146.6	87.3	52.4	31.4
-30°	1400.0	1127.7	890.3	652.9	460.8	331.7	223.4	136.2	87.3	52.4	31.4
-32.5°	1253.4	1019.4	810.0	583.0	422.4	307.2	209.5	132.7	83.8	52.4	31.4
-35°	1110.2	921.7	726.2	527.2	380.5	282.8	195.5	129.2	83.8	52.4	31.4
-37.5°	991.5	830.9	649.4	488.8	356.1	261.8	181.5	122.2	80.3	52.4	31.4
-40°	893.8	747.1	576.1	446.9	335.2	240.9	167.6	118.7	80.3	52.4	31.4
-42.5°	803.0	666.8	530.7	412.0	314.2	226.9	157.1	115.2	76.8	52.4	31.4
-45°	722.7	597.0	485.3	380.5	289.8	209.5	150.1	108.2	73.3	52.4	34.9
-47.5°	642.4	548.1	443.4	352.6	265.3	188.5	143.1	104.7	69.8	48.9	34.9
-50°	579.5	495.8	408.5	321.2	240.9	181.5	136.2	97.8	69.8	48.9	34.9
-52.5°	523.7	446.9	370.1	289.8	219.9	171.1	129.2	90.8	66.3	48.9	34.9
-55°	471.3	401.5	331.7	258.4	206.0	160.6	118.7	83.8	66.3	48.9	34.9
-57.5°	419.0	359.6	293.3	233.9	188.5	150.1	111.7	83.8	66.3	48.9	34.9
-60°	377.1	321.2	265.3	216.5	174.6	136.2	101.2	80.3	62.8	48.9	34.9
-62.5°	342.1	289.8	240.9	195.5	160.6	122.2	97.8	80.3	62.8	48.9	31.4
-65°	307.2	261.8	216.5	178.1	143.1	115.2	94.3	76.8	62.8	48.9	31.4
-67.5°	272.3	230.4	195.5	157.1	132.7	111.7	90.8	76.8	59.4	45.4	31.4
-70°	237.4	202.5	171.1	146.6	125.7	104.7	87.3	73.3	59.4	41.9	27.9
-72.5°	209.5	178.1	153.6	136.2	118.7	101.2	83.8	69.8	55.9	38.4	24.4
-75°	178.1	157.1	139.7	122.2	108.2	94.3	80.3	62.8	48.9	34.9	24.4
-77.5°	150.1	136.2	122.2	111.7	97.8	83.8	69.8	55.9	45.4	31.4	20.9
-80°	129.2	118.7	108.2	97.8	87.3	73.3	62.8	48.9	38.4	27.9	17.5
-82.5°	104.7	97.8	87.3	80.3	73.3	62.8	52.4	41.9	27.9	20.9	14.0
-85°	80.3	73.3	69.8	62.8	55.9	45.4	34.9	27.9	20.9	14.0	7.0
-87.5°	41.9	38.4	34.9	31.4	27.9	20.9	17.5	14.0	10.5	7.0	3.5
-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: P722607

CATALOG NUMBER: IFLD-S-SA6A-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°	3.5	0.0	0.0	0.0
77.5°	3.5	0.0	0.0	0.0
75°	3.5	3.5	0.0	0.0
72.5°	3.5	3.5	0.0	0.0
70°	3.5	3.5	0.0	0.0
67.5°	7.0	3.5	0.0	0.0
65°	7.0	3.5	0.0	0.0
62.5°	7.0	3.5	0.0	0.0
60°	7.0	3.5	0.0	0.0
57.5°	10.5	3.5	3.5	0.0
55°	10.5	3.5	3.5	0.0
52.5°	10.5	3.5	3.5	0.0
50°	10.5	7.0	3.5	0.0
47.5°	10.5	7.0	3.5	0.0
45°	10.5	7.0	3.5	0.0
42.5°	10.5	7.0	3.5	0.0
40°	14.0	7.0	3.5	0.0
37.5°	14.0	7.0	3.5	0.0
35°	14.0	7.0	3.5	0.0
32.5°	14.0	7.0	3.5	0.0
30°	14.0	7.0	3.5	0.0
27.5°	14.0	10.5	3.5	0.0
25°	14.0	10.5	3.5	0.0
22.5°	17.5	10.5	3.5	0.0
20°	17.5	10.5	3.5	0.0
17.5°	17.5	10.5	3.5	0.0
15°	17.5	10.5	3.5	0.0
12.5°	17.5	10.5	3.5	0.0
10°	17.5	10.5	3.5	0.0
7.5°	17.5	10.5	3.5	0.0
5°	17.5	10.5	3.5	0.0
2.5°	17.5	10.5	3.5	0.0
0°	17.5	10.5	3.5	0.0
-2.5°	17.5	10.5	3.5	0.0
-5°	17.5	10.5	3.5	0.0
-7.5°	17.5	10.5	3.5	0.0
-10°	17.5	10.5	3.5	0.0
-12.5°	20.9	10.5	3.5	0.0
-15°	20.9	10.5	3.5	0.0
-17.5°	20.9	10.5	3.5	0.0
-20°	20.9	10.5	3.5	0.0

REPORT NUMBER: P722607

CATALOG NUMBER: IFLD-S-SA6A-830-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	20.9	10.5	3.5	0.0
-25°	20.9	10.5	3.5	0.0
-27.5°	20.9	10.5	3.5	0.0
-30°	20.9	10.5	3.5	0.0
-32.5°	20.9	10.5	3.5	0.0
-35°	20.9	10.5	3.5	0.0
-37.5°	20.9	10.5	3.5	0.0
-40°	20.9	10.5	3.5	0.0
-42.5°	17.5	10.5	3.5	0.0
-45°	20.9	10.5	3.5	0.0
-47.5°	20.9	10.5	3.5	0.0
-50°	20.9	10.5	3.5	0.0
-52.5°	20.9	10.5	3.5	0.0
-55°	20.9	10.5	3.5	0.0
-57.5°	20.9	10.5	3.5	0.0
-60°	20.9	10.5	3.5	0.0
-62.5°	17.5	10.5	3.5	0.0
-65°	17.5	7.0	3.5	0.0
-67.5°	17.5	7.0	3.5	0.0
-70°	17.5	7.0	3.5	0.0
-72.5°	14.0	7.0	3.5	0.0
-75°	14.0	7.0	3.5	0.0
-77.5°	10.5	3.5	0.0	0.0
-80°	10.5	3.5	0.0	0.0
-82.5°	7.0	3.5	0.0	0.0
-85°	3.5	3.5	0.0	0.0
-87.5°	3.5	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)