

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: P722618

Luminaire Tested: **IFLD-L-SA7B-830-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722618
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7B-830-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (112) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	28934.9 lumens	Max Intensity:	20199.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	103.0 lumens/watt		
Luminous Opening:	Rectangular (W 2' 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:	18459.2 lumens	Field Lumens:	27279.1 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

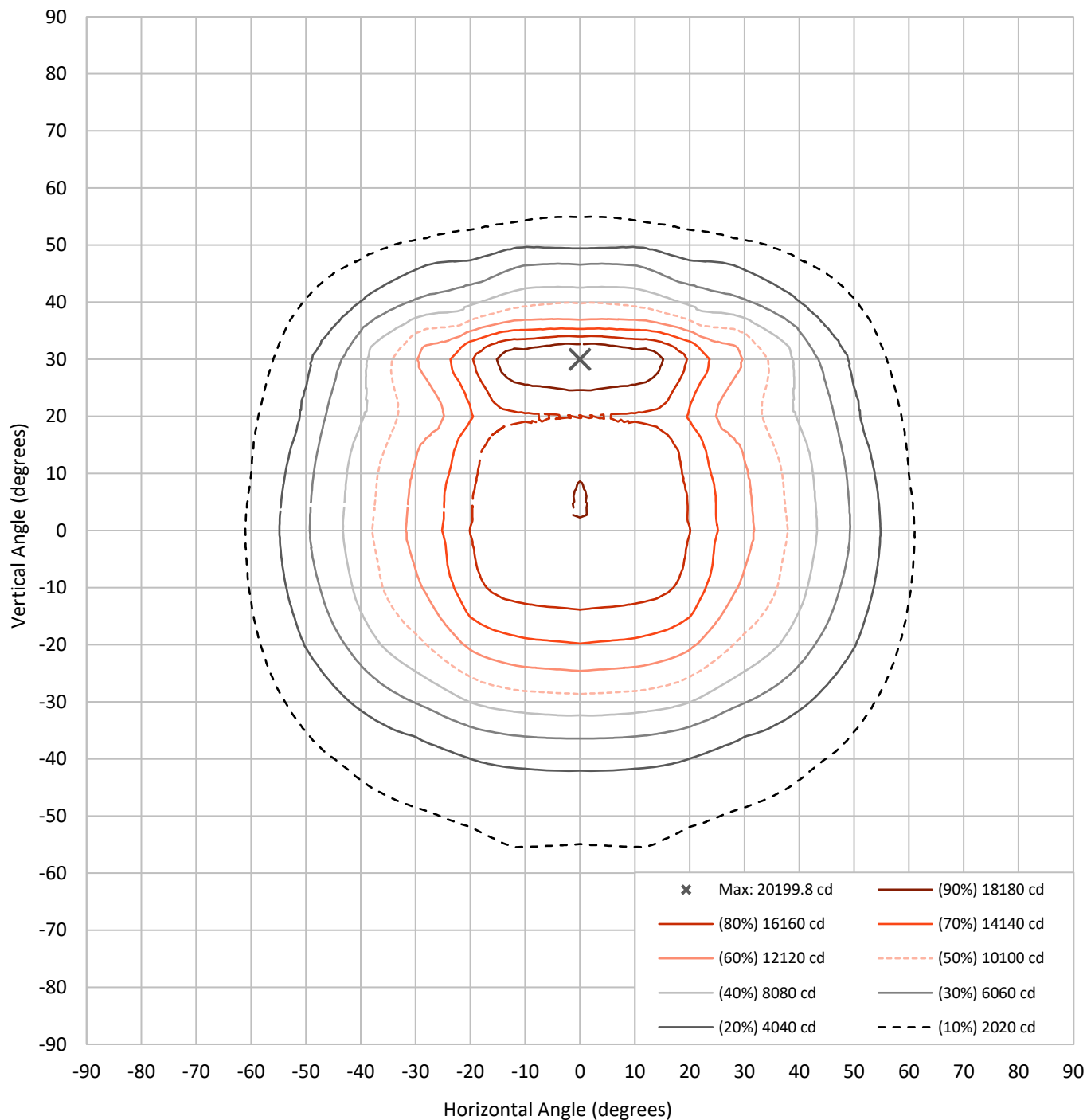
Input Watts (W): 281
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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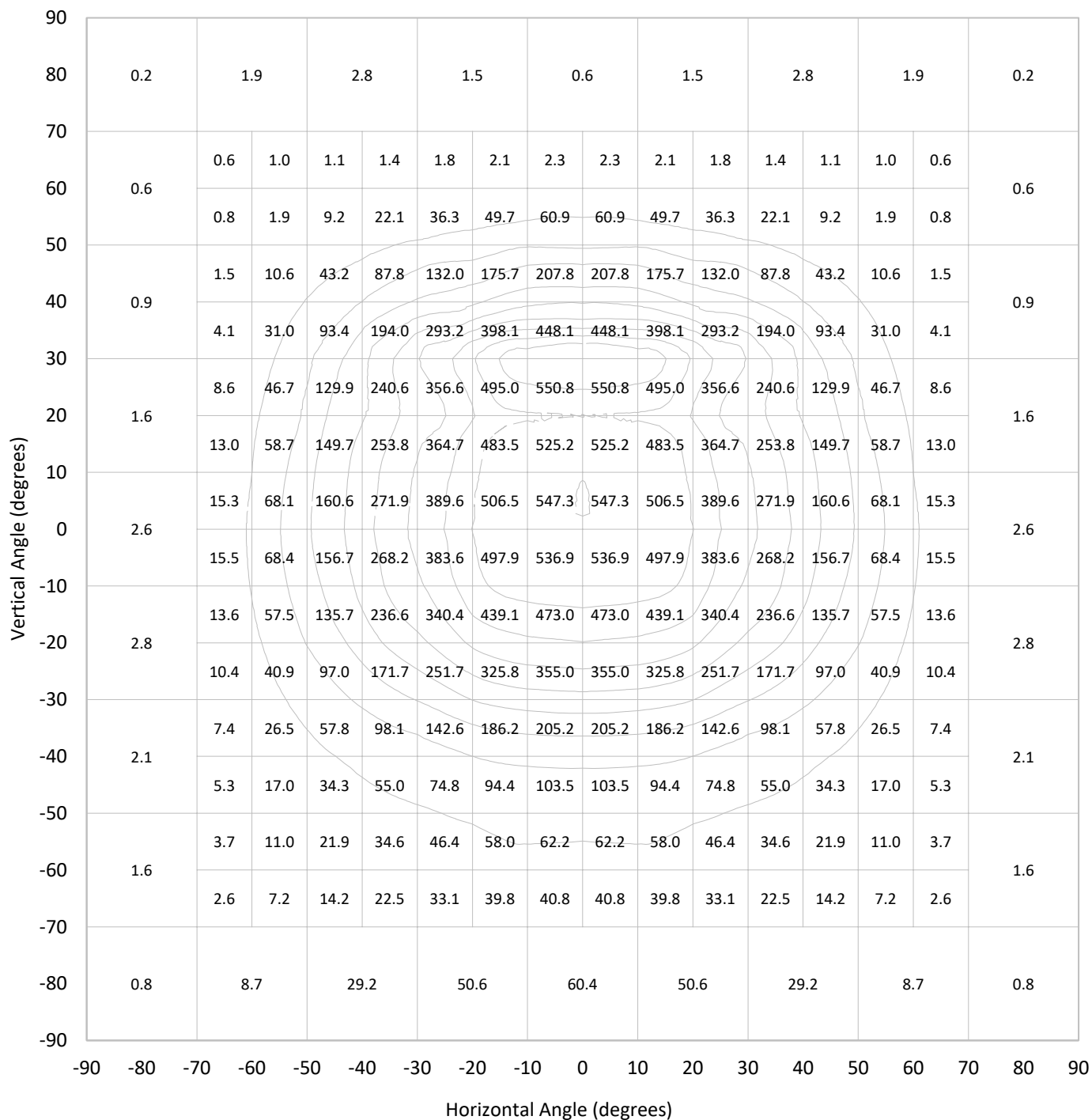
Iso-Candela Plot



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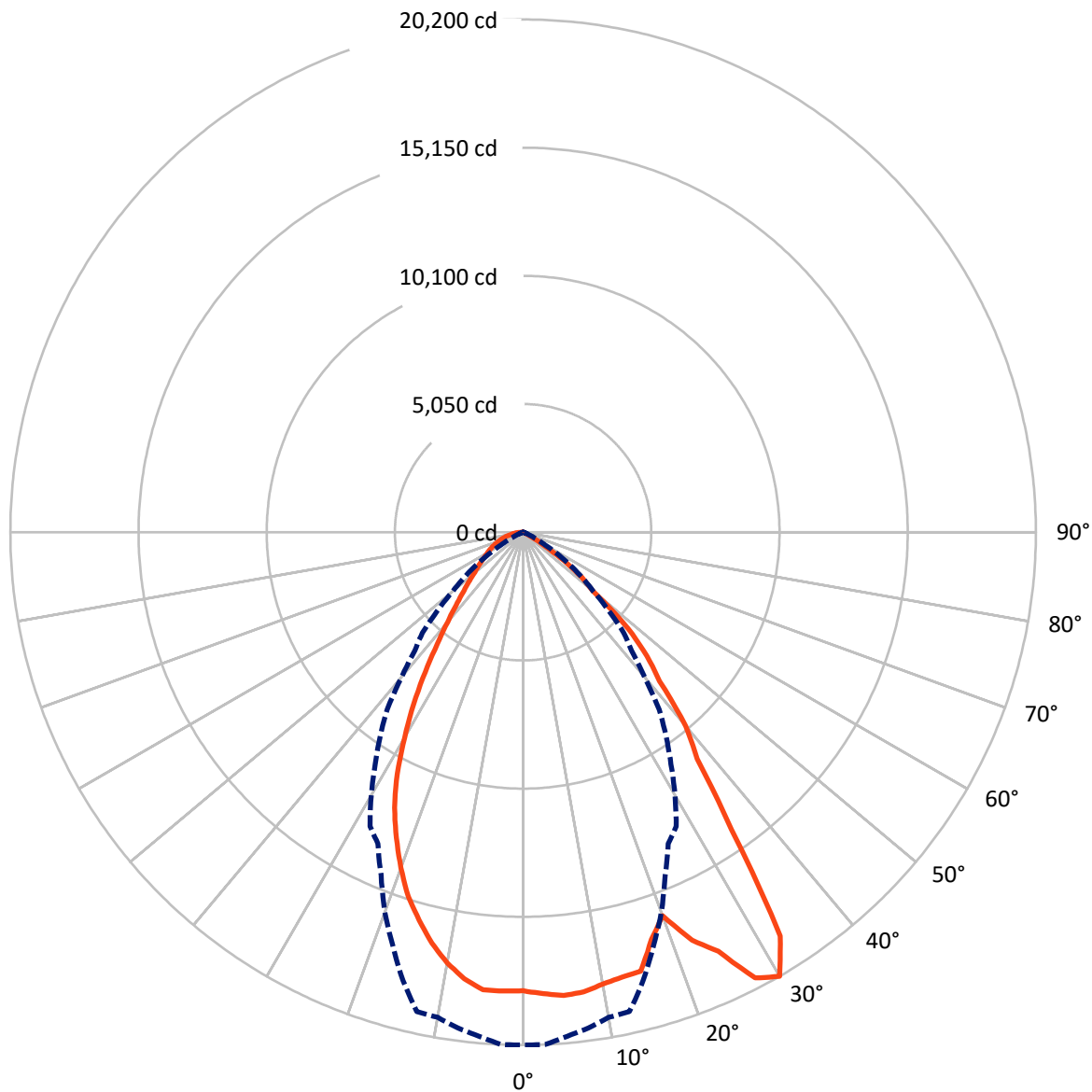
Lumen Table



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Luminous Intensity Polar Plot



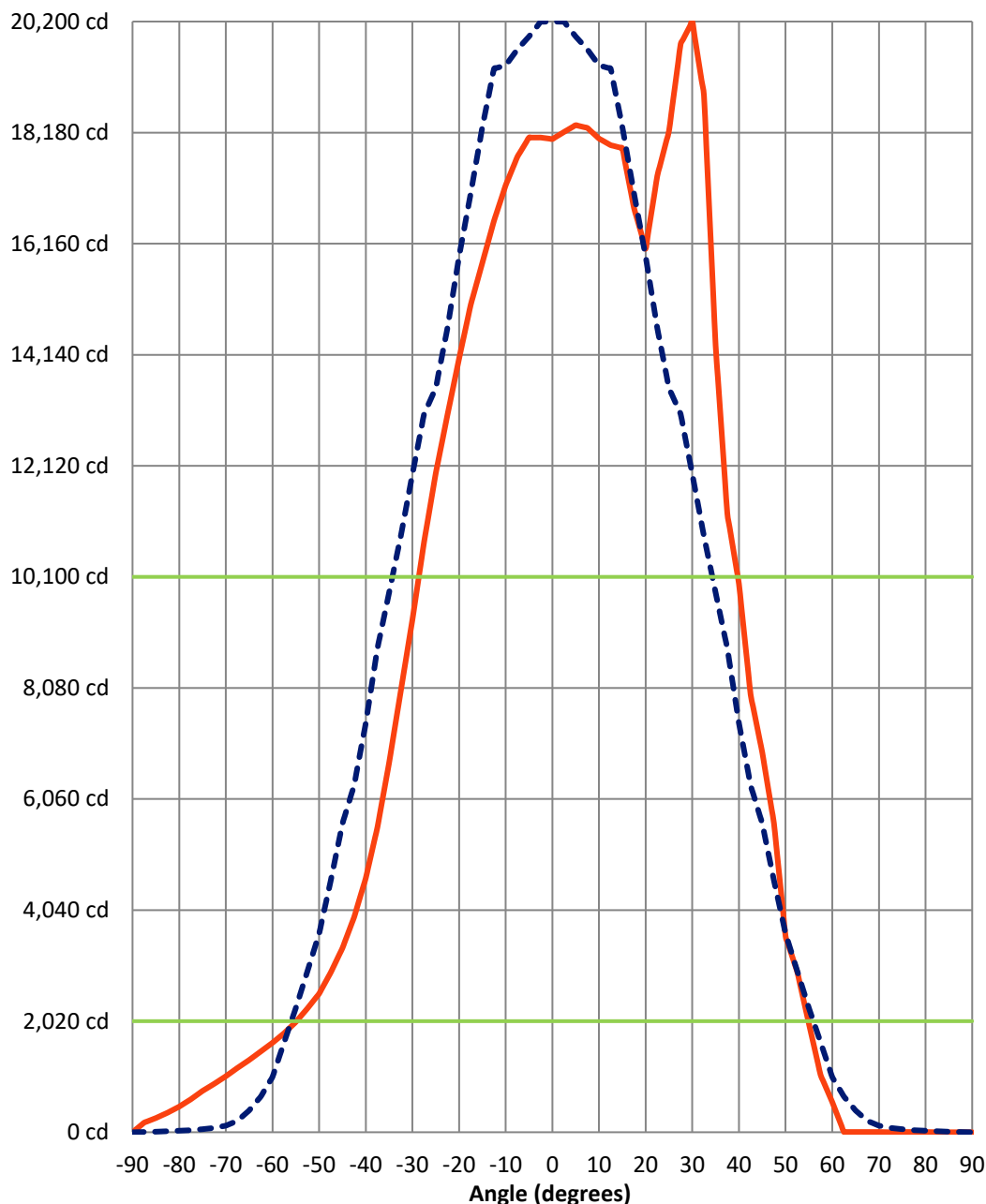
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 18459.2

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 27279.1

Efficiency: 94.3%

Spill:

Lumens: 1655.8

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	4.6	4.6	4.6	4.6	4.6	4.6	4.6
85°	0.0	4.6	4.6	4.6	9.2	9.2	9.2	9.2	9.2	9.2	13.8
82.5°	0.0	4.6	4.6	4.6	9.2	9.2	9.2	9.2	13.8	13.8	18.4
80°	4.6	4.6	4.6	4.6	9.2	9.2	9.2	13.8	13.8	18.4	18.4
77.5°	4.6	4.6	4.6	9.2	9.2	9.2	13.8	13.8	18.4	18.4	23.0
75°	4.6	4.6	4.6	9.2	9.2	13.8	13.8	13.8	18.4	18.4	23.0
72.5°	0.0	4.6	4.6	9.2	9.2	13.8	13.8	13.8	18.4	18.4	18.4
70°	4.6	4.6	4.6	9.2	9.2	13.8	13.8	13.8	18.4	18.4	18.4
67.5°	4.6	4.6	4.6	9.2	9.2	13.8	13.8	18.4	18.4	18.4	23.0
65°	4.6	4.6	4.6	9.2	13.8	13.8	18.4	23.0	23.0	27.6	32.2
62.5°	4.6	9.2	9.2	13.8	18.4	23.0	50.7	78.3	78.3	55.3	46.1
60°	548.2	594.2	589.6	534.4	465.3	391.6	377.7	363.9	336.3	294.8	308.6
57.5°	1041.1	1096.4	1119.4	1105.6	1068.7	1004.2	967.4	925.9	870.6	806.1	732.4
55°	1971.6	1994.6	1944.0	1847.2	1741.3	1635.3	1598.5	1543.2	1460.3	1377.4	1266.8
52.5°	2916.0	2994.3	2971.2	2874.5	2731.7	2542.8	2335.5	2174.3	2077.6	1985.4	1874.9
50°	3560.9	3593.1	3657.6	3772.8	3814.2	3685.2	3349.0	2916.0	2607.3	2763.9	2644.2
47.5°	5620.0	5781.2	5749.0	5666.1	5527.9	5177.8	4707.9	4321.0	3998.5	3892.5	3911.0
45°	6905.2	6969.7	6946.7	6909.8	6845.3	6518.3	5997.7	5403.5	5104.1	4984.3	4859.9
42.5°	7960.1	8029.2	8043.1	8047.7	7978.6	7679.1	7209.3	6615.0	6315.6	5970.1	5698.3
40°	9973.2	10074.5	9959.4	9807.4	9577.0	9236.2	8775.5	8227.3	7697.6	7273.8	6951.3
37.5°	11258.4	11382.8	11428.9	11419.7	11369.0	11221.6	10655.0	10134.4	9323.7	8374.7	8545.2
35°	14308.0	14437.0	14400.1	14261.9	14188.2	14031.6	13478.8	12861.5	11843.5	10811.6	10535.2
32.5°	18854.6	19135.6	18610.5	18034.7	17680.0	17804.3	17242.3	15731.4	15261.5	13400.5	12539.1
30°	20199.8	20195.2	19928.0	19693.0	19402.8	19342.9	18283.4	17076.5	15924.9	14621.2	13534.1
27.5°	19789.8	19706.9	19481.1	19310.7	19038.9	18896.1	17859.6	16901.5	15570.2	14404.7	13354.4
25°	18209.7	18274.2	18043.9	18011.6	17905.7	17629.3	17113.4	16035.4	14846.9	13557.1	12801.6
22.5°	17394.4	17371.3	17094.9	16933.7	17062.7	16767.9	16560.6	15473.4	14234.3	13147.1	12239.6
20°	16067.7	16072.3	16003.2	15989.4	15911.1	15777.5	15611.6	14842.3	13967.1	13036.6	11944.8
17.5°	16809.3	16998.2	17081.1	16394.7	16588.2	16436.2	16261.2	15187.8	14529.1	13704.5	12281.1
15°	17896.5	17827.4	17744.5	17707.6	17601.7	17458.9	17141.0	16284.2	15151.0	14298.8	13188.6
12.5°	17951.8	17818.2	17785.9	17781.3	17670.8	17472.7	17164.0	16454.6	15450.4	14413.9	13511.0
10°	18071.5	17933.3	17914.9	17937.9	17767.5	17643.1	17334.5	16675.7	15542.5	14612.0	13759.8
7.5°	18265.0	18034.7	18140.6	18071.5	17993.2	17795.1	17463.5	16818.5	15878.8	14874.6	13980.9
5°	18315.7	18062.3	18177.5	18113.0	17997.8	17804.3	17445.0	16910.7	16086.1	14980.5	14068.4
2.5°	18191.3	18117.6	18066.9	17947.2	17896.5	17684.6	17343.7	16772.5	15989.4	14934.5	14050.0
0°	18062.3	18126.8	18011.6	17891.9	17868.8	17698.4	17408.2	16892.3	16215.1	15063.4	14206.6
-2.5°	18090.0	18039.3	17961.0	17836.6	17716.8	17472.7	17210.1	16726.4	15998.6	14782.4	13985.5
-5°	18090.0	17855.0	17864.2	17868.8	17749.1	17495.7	17177.9	16767.9	15869.6	14777.8	13921.0
-7.5°	17739.9	17537.2	17504.9	17477.3	17445.0	17210.1	16961.3	16450.0	15653.1	14658.1	13741.4
-10°	17223.9	17025.8	17044.3	17002.8	16901.5	16744.8	16556.0	16095.3	15441.2	14280.3	13377.4
-12.5°	16579.0	16491.5	16440.8	16371.7	16270.4	16132.2	15938.7	15505.7	14805.5	13815.1	12958.2
-15°	15814.3	15749.8	15703.8	15662.3	15514.9	15372.1	15118.7	14718.0	14280.3	13216.2	12341.0
-17.5°	15049.6	14888.4	14823.9	14768.6	14671.9	14441.6	14211.2	13911.8	13299.1	12456.1	11705.3
-20°	14068.4	13971.7	13893.4	13819.7	13681.5	13501.8	13313.0	12967.5	12437.7	11755.9	10977.4

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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°	13041.2	12985.9	12921.4	12829.3	12737.1	12566.7	12304.1	11972.4	11557.9	10820.8	10093.0
-25°	11981.7	11875.7	11797.4	11709.9	11636.2	11479.5	11226.2	10908.3	10387.8	9752.1	9144.0
-27.5°	10733.3	10631.9	10590.5	10489.1	10424.6	10281.8	10028.5	9733.7	9263.8	8729.4	8112.1
-30°	9323.7	9342.1	9296.0	9199.3	9121.0	8936.7	8743.2	8494.5	8126.0	7614.6	7061.9
-32.5°	8020.0	8043.1	7987.8	7886.4	7785.1	7651.5	7471.8	7246.1	6969.7	6481.4	6002.3
-35°	6716.4	6707.1	6661.1	6601.2	6532.1	6421.5	6218.9	6048.4	5730.6	5389.7	5058.0
-37.5°	5546.3	5569.3	5555.5	5523.3	5445.0	5352.8	5187.0	5030.4	4795.4	4496.0	4238.0
-40°	4620.4	4648.0	4629.6	4597.3	4528.2	4473.0	4362.4	4224.2	4035.3	3777.4	3560.9
-42.5°	3911.0	3929.4	3906.4	3878.7	3818.8	3777.4	3689.9	3574.7	3418.1	3220.0	3026.5
-45°	3349.0	3353.6	3330.5	3312.1	3266.1	3215.4	3141.7	3049.5	2925.2	2787.0	2630.3
-47.5°	2906.7	2902.1	2879.1	2860.7	2823.8	2777.8	2717.9	2635.0	2538.2	2432.3	2307.9
-50°	2519.8	2542.8	2533.6	2515.2	2487.5	2455.3	2395.4	2307.9	2211.1	2132.8	2045.3
-52.5°	2252.6	2257.2	2252.6	2252.6	2248.0	2225.0	2155.9	2068.3	1962.4	1893.3	1819.6
-55°	2003.9	2026.9	2036.1	2045.3	2049.9	2049.9	1967.0	1874.9	1773.5	1704.4	1649.1
-57.5°	1801.2	1815.0	1824.2	1847.2	1865.7	1879.5	1805.8	1722.9	1644.5	1580.0	1529.4
-60°	1626.1	1644.5	1658.4	1681.4	1695.2	1704.4	1658.4	1603.1	1557.0	1515.6	1441.9
-62.5°	1469.5	1483.3	1497.1	1511.0	1524.8	1534.0	1515.6	1487.9	1464.9	1446.5	1354.3
-65°	1312.9	1326.7	1340.5	1358.9	1372.8	1382.0	1377.4	1358.9	1340.5	1322.1	1239.2
-67.5°	1170.1	1183.9	1202.3	1206.9	1216.1	1220.7	1211.5	1197.7	1174.7	1151.6	1087.1
-70°	1018.0	1027.3	1036.5	1036.5	1036.5	1031.9	1022.7	1004.2	981.2	949.0	898.3
-72.5°	879.9	889.1	898.3	884.5	875.2	861.4	847.6	824.6	801.5	778.5	750.9
-75°	750.9	755.5	755.5	737.0	723.2	709.4	691.0	677.2	654.1	635.7	612.7
-77.5°	598.9	598.9	598.9	585.0	575.8	566.6	552.8	539.0	520.5	506.7	488.3
-80°	465.3	465.3	465.3	460.7	446.8	437.6	428.4	419.2	405.4	396.2	387.0
-82.5°	354.7	354.7	354.7	350.1	340.9	336.3	327.1	317.9	313.2	304.0	299.4
-85°	258.0	262.6	262.6	258.0	253.4	244.1	239.5	234.9	230.3	225.7	216.5
-87.5°	175.0	175.0	175.0	170.4	165.8	165.8	161.2	152.0	142.8	138.2	133.6
-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°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
85°	13.8	13.8	13.8	18.4	18.4	18.4	18.4	18.4	18.4	18.4	13.8
82.5°	23.0	23.0	27.6	27.6	32.2	32.2	32.2	32.2	32.2	32.2	32.2
80°	23.0	27.6	32.2	36.9	41.5	46.1	46.1	46.1	46.1	41.5	41.5
77.5°	27.6	27.6	32.2	36.9	41.5	46.1	50.7	55.3	50.7	50.7	50.7
75°	27.6	32.2	32.2	36.9	41.5	46.1	50.7	55.3	55.3	55.3	55.3
72.5°	23.0	27.6	32.2	36.9	36.9	41.5	46.1	46.1	50.7	50.7	55.3
70°	23.0	27.6	32.2	32.2	36.9	36.9	41.5	46.1	46.1	50.7	50.7
67.5°	27.6	32.2	32.2	36.9	41.5	41.5	41.5	46.1	46.1	50.7	50.7
65°	32.2	36.9	36.9	41.5	46.1	46.1	50.7	50.7	50.7	55.3	55.3
62.5°	55.3	55.3	55.3	50.7	55.3	55.3	55.3	59.9	59.9	55.3	59.9
60°	285.6	207.3	142.8	179.7	161.2	73.7	73.7	73.7	69.1	69.1	64.5
57.5°	672.6	626.5	539.0	456.0	410.0	363.9	225.7	92.1	92.1	82.9	73.7
55°	1124.0	972.0	907.5	796.9	677.2	621.9	515.9	350.1	165.8	110.6	96.7
52.5°	1741.3	1598.5	1432.6	1206.9	1045.7	916.7	829.2	658.7	442.2	234.9	147.4
50°	2330.9	2266.4	2165.1	1944.0	1607.7	1391.2	1248.4	1054.9	792.3	483.7	276.4
47.5°	3754.3	3215.4	2888.3	2717.9	2436.9	2026.9	1750.5	1534.0	1216.1	815.4	488.3
45°	4726.3	4385.4	3864.9	3505.6	3091.0	2658.0	2298.7	2049.9	1672.2	1220.7	764.7
42.5°	5560.1	5265.3	4795.4	4270.3	3832.7	3266.1	2805.4	2478.3	2160.5	1667.6	1142.4
40°	6633.4	6283.3	5831.9	5320.6	4809.2	4086.0	3339.8	2943.6	2593.5	2155.9	1543.2
37.5°	8402.4	7785.1	7048.0	6481.4	5813.5	5200.8	4178.1	3478.0	3063.4	2607.3	2013.1
35°	10530.6	9853.4	8623.5	7872.6	6978.9	6066.8	5145.5	4109.1	3519.4	3035.7	2446.1
32.5°	12511.4	11521.0	9945.6	9065.7	8471.5	6790.1	5836.5	4938.2	3989.3	3395.0	2694.8
30°	13059.6	11967.8	10839.2	9812.0	8798.5	7439.6	6311.0	5610.8	4578.9	3611.5	2929.8
27.5°	12506.8	11755.9	10880.7	9927.1	8830.8	7665.3	6601.2	5933.2	5011.9	3759.0	3114.0
25°	11944.8	11161.7	10549.0	9752.1	8738.6	7651.5	6610.4	6135.9	5348.2	4044.6	3215.4
22.5°	11350.6	10862.3	10355.5	9466.5	8508.3	7693.0	6909.8	6311.0	5523.3	4367.0	3256.8
20°	11382.8	11065.0	10507.6	9319.1	8466.9	7937.1	7269.1	6532.1	5712.1	4648.0	3289.1
17.5°	11898.7	11484.2	10784.0	9752.1	8840.0	8185.9	7568.6	6836.1	5905.6	4896.8	3680.6
15°	12534.4	11903.3	11170.9	10263.4	9231.5	8457.6	7798.9	7048.0	6126.7	5127.1	4030.7
12.5°	12995.1	12096.8	11410.4	10590.5	9655.3	8752.5	7950.9	7209.3	6334.0	5316.0	4293.3
10°	13151.7	12336.4	11525.6	10793.2	9871.9	8909.1	8066.1	7310.6	6513.7	5463.4	4486.8
7.5°	13234.6	12543.7	11603.9	10885.3	10000.8	9005.8	8158.2	7365.9	6656.5	5564.7	4611.2
5°	13225.4	12654.2	11663.8	10912.9	10069.9	9047.3	8222.7	7379.7	6757.8	5652.2	4684.9
2.5°	13184.0	12727.9	11760.5	10959.0	10208.1	9125.6	8347.1	7407.3	6794.7	5749.0	4735.5
0°	13336.0	12732.5	11861.9	10972.8	10300.3	9153.2	8402.4	7384.3	6744.0	5776.6	4730.9
-2.5°	13008.9	12460.7	11838.9	10853.1	10175.9	9088.7	8301.0	7310.6	6633.4	5744.4	4712.5
-5°	12953.6	12262.7	11645.4	10742.5	9968.6	8955.2	8112.1	7172.4	6458.4	5638.4	4638.8
-7.5°	12806.2	12073.8	11456.5	10655.0	9775.1	8817.0	7932.5	7029.6	6269.5	5472.6	4532.9
-10°	12483.8	11783.6	11253.8	10466.1	9540.2	8618.9	7716.0	6840.7	6048.4	5246.9	4367.0
-12.5°	12023.1	11322.9	10797.8	10065.3	9245.4	8351.7	7458.0	6596.6	5795.1	5007.3	4168.9
-15°	11502.6	10793.2	10268.0	9600.1	8807.7	7937.1	7131.0	6288.0	5504.8	4754.0	3934.0
-17.5°	10912.9	10240.4	9733.7	9084.1	8296.4	7467.2	6665.7	5901.0	5168.6	4491.4	3662.2
-20°	10231.2	9577.0	9111.8	8462.2	7739.0	6932.9	6154.4	5431.1	4772.4	4136.7	3362.8

REPORT NUMBER: P722618

CATALOG NUMBER: IFLD-L-SA7B-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°	9388.2	8812.3	8282.6	7702.2	7071.1	6334.0	5610.8	4970.5	4339.4	3717.5	3054.1
-25°	8526.7	7969.3	7453.4	6923.7	6320.2	5684.5	5067.2	4486.8	3869.5	3307.5	2754.7
-27.5°	7568.6	7071.1	6610.4	6122.1	5569.3	5021.1	4514.4	3947.8	3413.5	2934.4	2459.9
-30°	6545.9	6140.5	5739.8	5306.8	4859.9	4399.3	3947.8	3413.5	2994.3	2611.9	2211.1
-32.5°	5564.7	5200.8	4878.3	4555.9	4168.9	3791.2	3390.4	2994.3	2644.2	2307.9	1971.6
-35°	4703.3	4316.3	4136.7	3878.7	3570.1	3229.2	2902.1	2625.7	2344.7	2040.7	1741.3
-37.5°	3957.0	3708.3	3496.4	3302.9	3058.8	2763.9	2529.0	2303.3	2068.3	1792.0	1534.0
-40°	3372.0	3192.3	2980.4	2837.6	2639.6	2427.7	2192.7	2003.9	1805.8	1580.0	1368.1
-42.5°	2902.1	2754.7	2616.5	2464.5	2317.1	2137.4	1934.8	1755.1	1575.4	1409.6	1234.6
-45°	2515.2	2409.2	2298.7	2174.3	2045.3	1888.7	1722.9	1538.6	1409.6	1262.2	1114.8
-47.5°	2197.3	2119.0	2026.9	1930.1	1819.6	1681.4	1529.4	1395.8	1262.2	1137.8	995.0
-50°	1944.0	1870.3	1796.6	1713.6	1616.9	1497.1	1382.0	1257.6	1133.2	1013.4	879.9
-52.5°	1732.1	1667.6	1607.7	1538.6	1446.5	1345.1	1239.2	1128.6	1013.4	893.7	787.7
-55°	1584.7	1511.0	1451.1	1382.0	1299.0	1202.3	1105.6	1004.2	893.7	801.5	714.0
-57.5°	1464.9	1382.0	1312.9	1239.2	1156.2	1073.3	985.8	893.7	810.8	723.2	640.3
-60°	1363.5	1266.8	1188.5	1114.8	1036.5	958.2	884.5	806.1	727.8	649.5	566.6
-62.5°	1257.6	1156.2	1059.5	990.4	930.5	861.4	796.9	723.2	654.1	575.8	515.9
-65°	1137.8	1041.1	949.0	889.1	833.8	773.9	714.0	649.5	589.6	529.8	474.5
-67.5°	1004.2	921.3	856.8	801.5	746.3	695.6	640.3	585.0	534.4	474.5	419.2
-70°	843.0	796.9	760.1	718.6	668.0	621.9	571.2	520.5	465.3	414.6	363.9
-72.5°	718.6	691.0	663.3	621.9	575.8	534.4	492.9	446.8	400.8	354.7	313.2
-75°	589.6	566.6	543.6	515.9	479.1	446.8	410.0	368.5	331.7	299.4	267.2
-77.5°	474.5	456.0	442.2	419.2	391.6	363.9	340.9	313.2	285.6	253.4	221.1
-80°	377.7	368.5	363.9	354.7	331.7	308.6	290.2	267.2	239.5	216.5	193.5
-82.5°	294.8	294.8	290.2	285.6	267.2	248.8	234.9	216.5	198.1	179.7	156.6
-85°	216.5	211.9	211.9	207.3	193.5	184.3	170.4	161.2	147.4	129.0	119.8
-87.5°	129.0	124.4	119.8	115.2	106.0	101.3	92.1	87.5	78.3	69.1	64.5
-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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CATALOG NUMBER: IFLD-L-SA7B-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°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	0.0	0.0
85°	13.8	9.2	9.2	9.2	9.2	9.2	4.6	4.6	4.6	4.6	4.6
82.5°	27.6	27.6	23.0	23.0	18.4	13.8	9.2	9.2	9.2	4.6	4.6
80°	41.5	41.5	41.5	36.9	32.2	23.0	18.4	13.8	9.2	4.6	4.6
77.5°	50.7	46.1	46.1	41.5	41.5	36.9	27.6	23.0	13.8	9.2	4.6
75°	50.7	50.7	50.7	46.1	46.1	41.5	36.9	27.6	23.0	13.8	9.2
72.5°	55.3	50.7	50.7	50.7	46.1	41.5	36.9	32.2	27.6	18.4	9.2
70°	50.7	50.7	50.7	50.7	46.1	46.1	36.9	32.2	32.2	18.4	13.8
67.5°	50.7	50.7	50.7	46.1	46.1	41.5	36.9	32.2	32.2	23.0	13.8
65°	55.3	50.7	50.7	50.7	46.1	41.5	36.9	32.2	32.2	27.6	18.4
62.5°	59.9	55.3	55.3	50.7	46.1	41.5	36.9	32.2	32.2	27.6	18.4
60°	64.5	59.9	55.3	55.3	50.7	46.1	36.9	36.9	32.2	27.6	18.4
57.5°	69.1	64.5	64.5	59.9	55.3	50.7	41.5	36.9	32.2	27.6	23.0
55°	82.9	73.7	69.1	69.1	64.5	55.3	46.1	36.9	32.2	27.6	23.0
52.5°	110.6	87.5	78.3	78.3	73.7	64.5	50.7	41.5	32.2	27.6	23.0
50°	175.0	110.6	92.1	82.9	82.9	73.7	59.9	46.1	32.2	27.6	23.0
47.5°	276.4	184.3	110.6	96.7	92.1	87.5	69.1	46.1	36.9	27.6	23.0
45°	456.0	271.8	179.7	115.2	96.7	92.1	78.3	50.7	36.9	32.2	23.0
42.5°	626.5	423.8	276.4	138.2	115.2	101.3	82.9	55.3	41.5	32.2	23.0
40°	985.8	580.4	387.0	225.7	133.6	106.0	92.1	64.5	41.5	32.2	23.0
37.5°	1335.9	769.3	520.5	331.7	152.0	119.8	96.7	69.1	46.1	32.2	27.6
35°	1686.0	1077.9	644.9	442.2	202.7	142.8	101.3	73.7	46.1	32.2	27.6
32.5°	1999.2	1368.1	773.9	552.8	304.0	170.4	110.6	78.3	50.7	36.9	27.6
30°	2257.2	1635.3	1004.2	649.5	396.2	207.3	119.8	78.3	55.3	36.9	27.6
27.5°	2450.7	1842.6	1239.2	750.9	474.5	244.1	138.2	87.5	55.3	36.9	27.6
25°	2607.3	2003.9	1446.5	856.8	543.6	304.0	165.8	92.1	59.9	41.5	27.6
22.5°	2731.7	2137.4	1616.9	999.6	626.5	363.9	202.7	101.3	59.9	41.5	27.6
20°	2902.1	2271.0	1732.1	1151.6	714.0	419.2	234.9	110.6	59.9	41.5	32.2
17.5°	3049.5	2404.6	1824.2	1280.6	801.5	460.7	271.8	119.8	64.5	41.5	32.2
15°	3220.0	2533.6	1907.1	1382.0	884.5	497.5	304.0	129.0	64.5	46.1	32.2
12.5°	3404.2	2653.4	1967.0	1464.9	972.0	529.8	331.7	147.4	69.1	46.1	32.2
10°	3593.1	2754.7	2017.7	1524.8	1036.5	562.0	350.1	165.8	73.7	46.1	32.2
7.5°	3782.0	2846.9	2082.2	1552.4	1064.1	598.9	359.3	184.3	73.7	50.7	32.2
5°	3911.0	2906.7	2174.3	1570.8	1077.9	640.3	373.1	207.3	78.3	50.7	32.2
2.5°	4021.5	2943.6	2271.0	1584.7	1082.5	663.3	368.5	221.1	82.9	50.7	32.2
0°	4072.2	2943.6	2335.5	1575.4	1068.7	686.4	368.5	234.9	82.9	50.7	32.2
-2.5°	3993.9	3026.5	2317.1	1580.0	1073.3	686.4	387.0	239.5	92.1	55.3	32.2
-5°	3869.5	3058.8	2261.8	1557.0	1064.1	686.4	410.0	244.1	96.7	55.3	36.9
-7.5°	3749.7	3072.6	2197.3	1534.0	1050.3	668.0	414.6	239.5	106.0	59.9	36.9
-10°	3593.1	2920.6	2114.4	1492.5	1022.7	654.1	423.8	239.5	110.6	59.9	36.9
-12.5°	3413.5	2736.3	2013.1	1432.6	990.4	640.3	428.4	239.5	115.2	64.5	36.9
-15°	3206.2	2547.4	1897.9	1368.1	944.3	621.9	419.2	234.9	119.8	64.5	41.5
-17.5°	2971.2	2363.2	1778.1	1289.8	893.7	598.9	400.8	230.3	119.8	64.5	41.5
-20°	2704.0	2178.9	1644.5	1211.5	833.8	571.2	382.3	221.1	119.8	64.5	41.5

REPORT NUMBER: P722618

CATALOG NUMBER: IFLD-L-SA7B-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°	2464.5	2008.5	1506.3	1124.0	769.3	539.0	359.3	211.9	119.8	69.1	41.5
-25°	2266.4	1842.6	1400.4	1036.5	700.2	502.1	336.3	202.7	119.8	69.1	41.5
-27.5°	2059.1	1663.0	1289.8	953.6	654.1	469.9	313.2	193.5	115.2	69.1	41.5
-30°	1847.2	1487.9	1174.7	861.4	608.1	437.6	294.8	179.7	115.2	69.1	41.5
-32.5°	1653.8	1345.1	1068.7	769.3	557.4	405.4	276.4	175.0	110.6	69.1	41.5
-35°	1464.9	1216.1	958.2	695.6	502.1	373.1	258.0	170.4	110.6	69.1	41.5
-37.5°	1308.3	1096.4	856.8	644.9	469.9	345.5	239.5	161.2	106.0	69.1	41.5
-40°	1179.3	985.8	760.1	589.6	442.2	317.9	221.1	156.6	106.0	69.1	41.5
-42.5°	1059.5	879.9	700.2	543.6	414.6	299.4	207.3	152.0	101.3	69.1	41.5
-45°	953.6	787.7	640.3	502.1	382.3	276.4	198.1	142.8	96.7	69.1	46.1
-47.5°	847.6	723.2	585.0	465.3	350.1	248.8	188.9	138.2	92.1	64.5	46.1
-50°	764.7	654.1	539.0	423.8	317.9	239.5	179.7	129.0	92.1	64.5	46.1
-52.5°	691.0	589.6	488.3	382.3	290.2	225.7	170.4	119.8	87.5	64.5	46.1
-55°	621.9	529.8	437.6	340.9	271.8	211.9	156.6	110.6	87.5	64.5	46.1
-57.5°	552.8	474.5	387.0	308.6	248.8	198.1	147.4	110.6	87.5	64.5	46.1
-60°	497.5	423.8	350.1	285.6	230.3	179.7	133.6	106.0	82.9	64.5	46.1
-62.5°	451.4	382.3	317.9	258.0	211.9	161.2	129.0	106.0	82.9	64.5	41.5
-65°	405.4	345.5	285.6	234.9	188.9	152.0	124.4	101.3	82.9	64.5	41.5
-67.5°	359.3	304.0	258.0	207.3	175.0	147.4	119.8	101.3	78.3	59.9	41.5
-70°	313.2	267.2	225.7	193.5	165.8	138.2	115.2	96.7	78.3	55.3	36.9
-72.5°	276.4	234.9	202.7	179.7	156.6	133.6	110.6	92.1	73.7	50.7	32.2
-75°	234.9	207.3	184.3	161.2	142.8	124.4	106.0	82.9	64.5	46.1	32.2
-77.5°	198.1	179.7	161.2	147.4	129.0	110.6	92.1	73.7	59.9	41.5	27.6
-80°	170.4	156.6	142.8	129.0	115.2	96.7	82.9	64.5	50.7	36.9	23.0
-82.5°	138.2	129.0	115.2	106.0	96.7	82.9	69.1	55.3	36.9	27.6	18.4
-85°	106.0	96.7	92.1	82.9	73.7	59.9	46.1	36.9	27.6	18.4	9.2
-87.5°	55.3	50.7	46.1	41.5	36.9	27.6	23.0	18.4	13.8	9.2	4.6
-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: P722618

CATALOG NUMBER: IFLD-L-SA7B-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°	4.6	0.0	0.0	0.0
77.5°	4.6	0.0	0.0	0.0
75°	4.6	4.6	0.0	0.0
72.5°	4.6	4.6	0.0	0.0
70°	4.6	4.6	0.0	0.0
67.5°	9.2	4.6	0.0	0.0
65°	9.2	4.6	0.0	0.0
62.5°	9.2	4.6	0.0	0.0
60°	9.2	4.6	0.0	0.0
57.5°	13.8	4.6	4.6	0.0
55°	13.8	4.6	4.6	0.0
52.5°	13.8	4.6	4.6	0.0
50°	13.8	9.2	4.6	0.0
47.5°	13.8	9.2	4.6	0.0
45°	13.8	9.2	4.6	0.0
42.5°	13.8	9.2	4.6	0.0
40°	18.4	9.2	4.6	0.0
37.5°	18.4	9.2	4.6	0.0
35°	18.4	9.2	4.6	0.0
32.5°	18.4	9.2	4.6	0.0
30°	18.4	9.2	4.6	0.0
27.5°	18.4	13.8	4.6	0.0
25°	18.4	13.8	4.6	0.0
22.5°	23.0	13.8	4.6	0.0
20°	23.0	13.8	4.6	0.0
17.5°	23.0	13.8	4.6	0.0
15°	23.0	13.8	4.6	0.0
12.5°	23.0	13.8	4.6	0.0
10°	23.0	13.8	4.6	0.0
7.5°	23.0	13.8	4.6	0.0
5°	23.0	13.8	4.6	0.0
2.5°	23.0	13.8	4.6	0.0
0°	23.0	13.8	4.6	0.0
-2.5°	23.0	13.8	4.6	0.0
-5°	23.0	13.8	4.6	0.0
-7.5°	23.0	13.8	4.6	0.0
-10°	23.0	13.8	4.6	0.0
-12.5°	27.6	13.8	4.6	0.0
-15°	27.6	13.8	4.6	0.0
-17.5°	27.6	13.8	4.6	0.0
-20°	27.6	13.8	4.6	0.0

REPORT NUMBER: P722618

CATALOG NUMBER: IFLD-L-SA7B-830-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	27.6	13.8	4.6	0.0
-25°	27.6	13.8	4.6	0.0
-27.5°	27.6	13.8	4.6	0.0
-30°	27.6	13.8	4.6	0.0
-32.5°	27.6	13.8	4.6	0.0
-35°	27.6	13.8	4.6	0.0
-37.5°	27.6	13.8	4.6	0.0
-40°	27.6	13.8	4.6	0.0
-42.5°	23.0	13.8	4.6	0.0
-45°	27.6	13.8	4.6	0.0
-47.5°	27.6	13.8	4.6	0.0
-50°	27.6	13.8	4.6	0.0
-52.5°	27.6	13.8	4.6	0.0
-55°	27.6	13.8	4.6	0.0
-57.5°	27.6	13.8	4.6	0.0
-60°	27.6	13.8	4.6	0.0
-62.5°	23.0	13.8	4.6	0.0
-65°	23.0	9.2	4.6	0.0
-67.5°	23.0	9.2	4.6	0.0
-70°	23.0	9.2	4.6	0.0
-72.5°	18.4	9.2	4.6	0.0
-75°	18.4	9.2	4.6	0.0
-77.5°	13.8	4.6	0.0	0.0
-80°	13.8	4.6	0.0	0.0
-82.5°	9.2	4.6	0.0	0.0
-85°	4.6	4.6	0.0	0.0
-87.5°	4.6	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)