

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: P722259

Luminaire Tested: **IFLD-S-SA6A-930-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722259
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6A-930-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (96) 3000K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

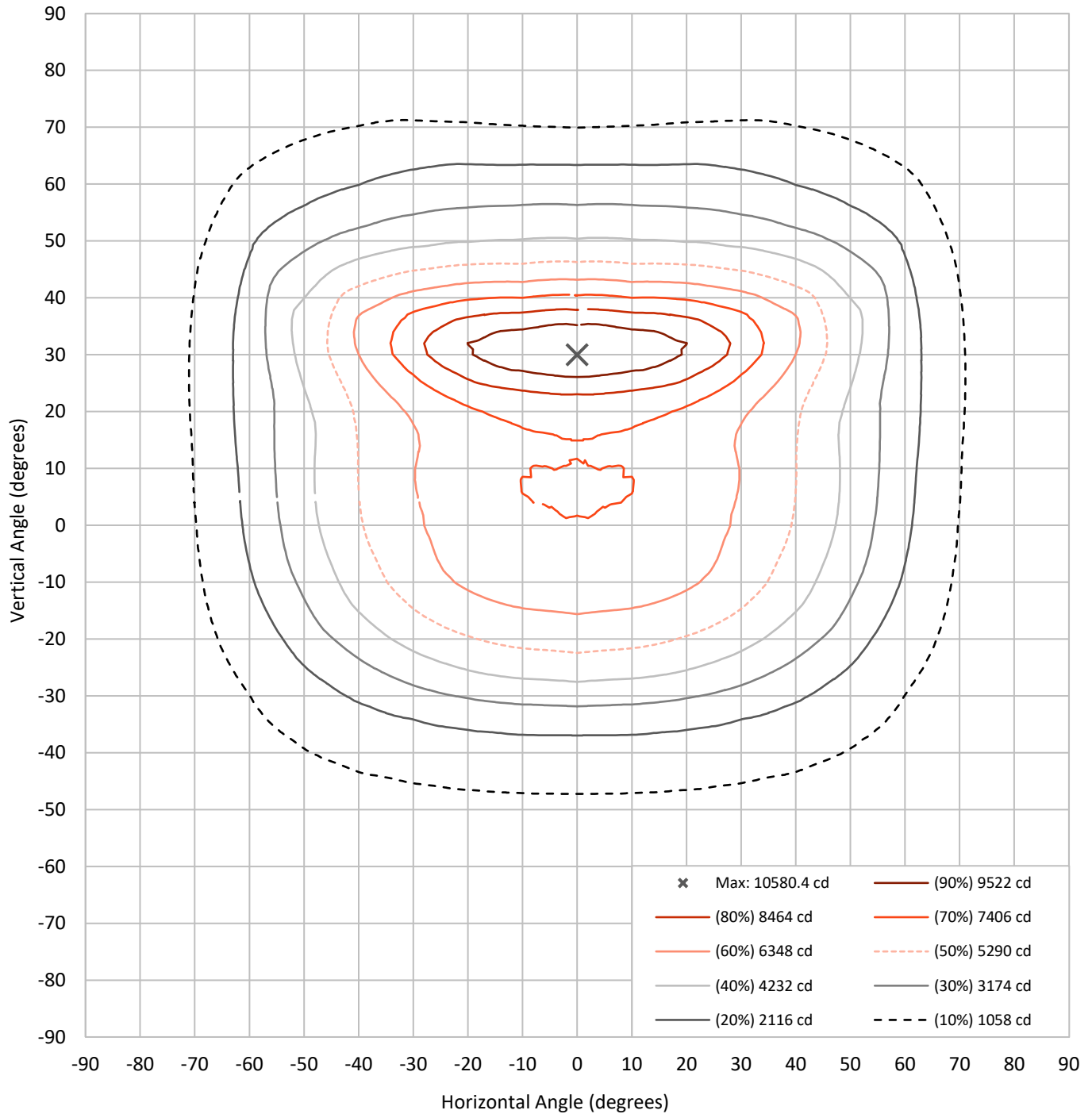
Lumens per Lamp: N/A	NEMA Type: 7H x 6V
Luminaire Lumens: 17661.4 lumens	Max Intensity: 10580.4 candela
Efficiency: N/A	Max Intensity Angle: 0°H x 30°V
Efficacy: 93.2 lumens/watt	
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')	
Beam Angle (50%): 90.8°H x 68.8°V	Field Angle (10%): 142°H x 117.1°V
Beam Lumens: 10270.3 lumens	Field Lumens: 16551 lumens
Beam Efficiency: 58.2%	Field Efficiency: 93.7%

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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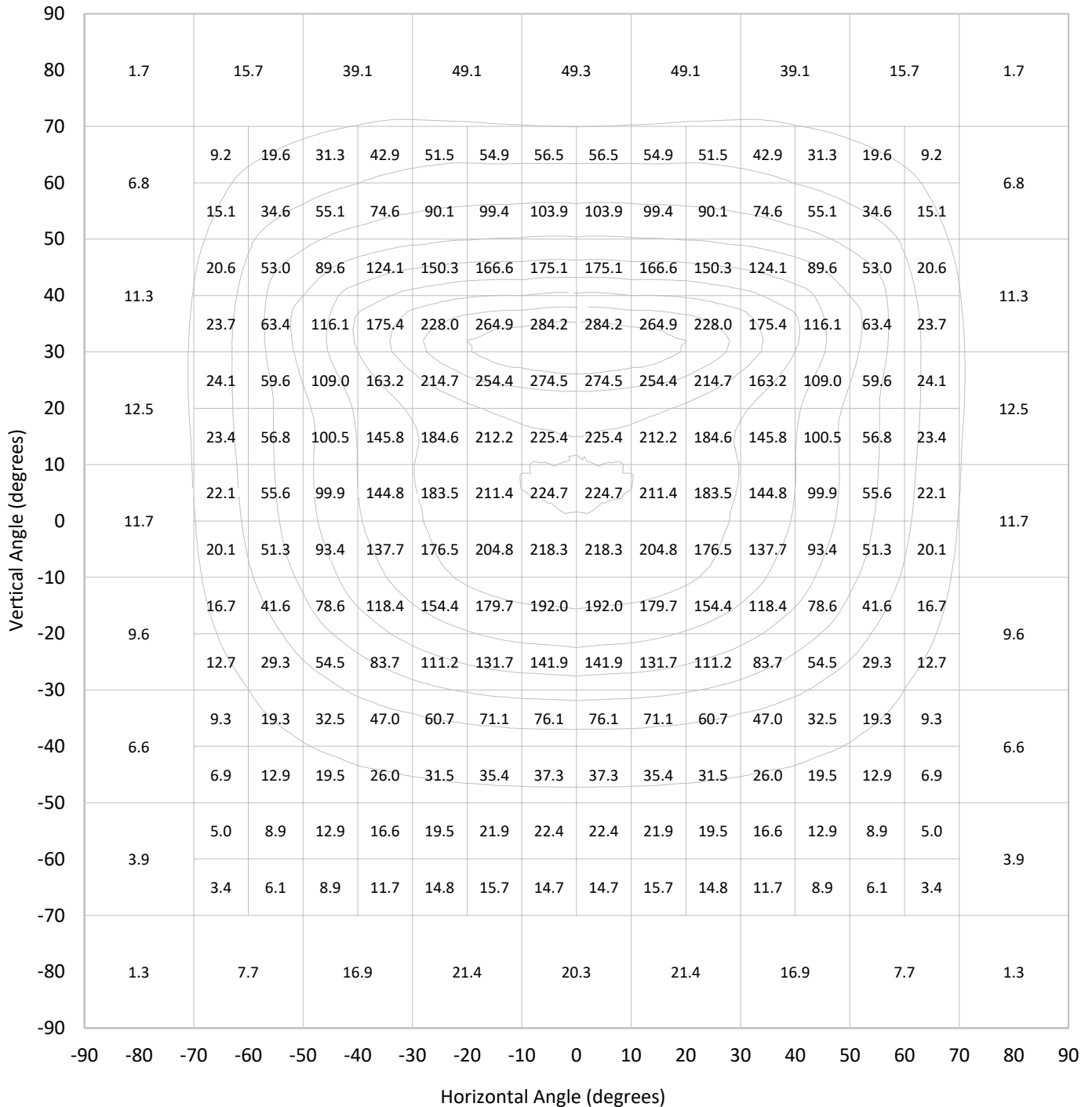
Iso-Candela Plot





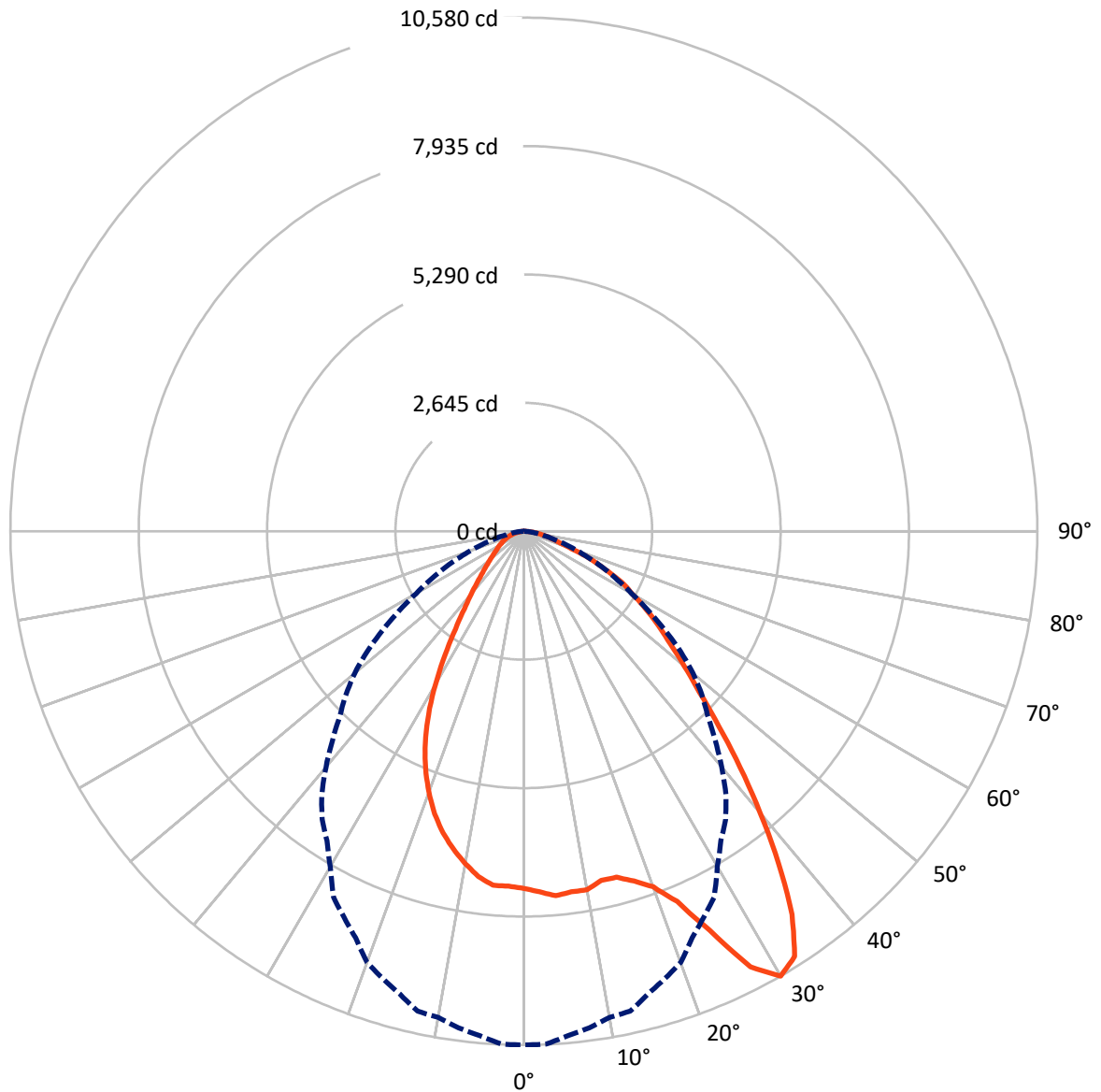
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Lumen Table



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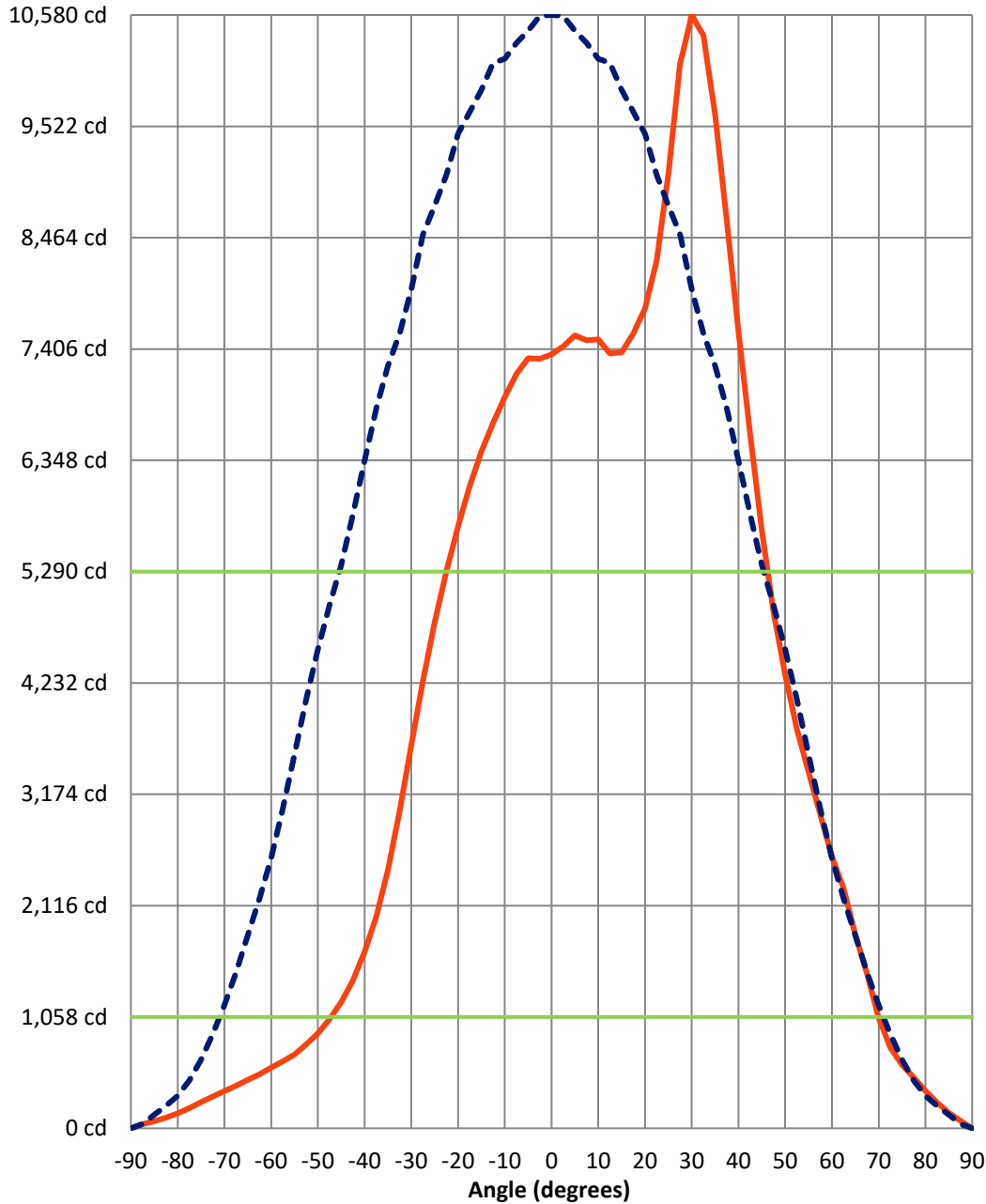
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 10270.3
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 16551
 Efficiency: 93.7%

Spill:
 Lumens: 1110.4
 Efficiency: 6.3%

— 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°	71.1	73.0	74.8	74.8	73.0	73.0	73.0	71.1	73.0	73.0	73.0
85°	147.8	151.5	155.3	153.4	151.5	147.8	144.1	145.9	147.8	149.7	149.7
82.5°	245.1	250.7	254.5	252.6	248.8	245.1	241.4	243.2	247.0	248.8	248.8
80°	355.5	357.4	359.2	363.0	357.4	357.4	355.5	363.0	366.7	370.5	374.2
77.5°	482.7	484.6	484.6	486.5	488.3	490.2	490.2	503.3	512.6	518.3	523.9
75°	602.5	608.1	613.7	619.3	626.8	630.5	636.1	654.8	669.8	681.0	692.3
72.5°	767.1	774.6	783.9	797.0	810.1	819.5	832.6	855.0	871.9	883.1	896.2
70°	1049.6	1057.1	1066.5	1075.8	1088.9	1098.3	1111.4	1139.4	1156.3	1163.8	1171.2
67.5°	1468.7	1487.4	1504.3	1485.6	1476.2	1463.1	1466.9	1493.0	1509.9	1521.1	1519.2
65°	1841.0	1854.1	1854.1	1852.3	1844.8	1827.9	1837.3	1869.1	1887.8	1897.2	1869.1
62.5°	2278.9	2278.9	2269.5	2284.5	2286.3	2275.1	2269.5	2271.4	2273.2	2278.9	2232.1
60°	2582.0	2600.7	2606.3	2619.4	2623.1	2623.1	2632.5	2640.0	2640.0	2628.7	2574.5
57.5°	2982.3	3017.9	3025.4	3016.0	2997.3	2973.0	2969.2	2958.0	2935.6	2913.1	2886.9
55°	3386.5	3405.2	3403.3	3397.7	3379.0	3350.9	3354.7	3339.7	3304.2	3276.1	3240.5
52.5°	3792.5	3837.4	3844.9	3833.6	3807.4	3777.5	3779.4	3762.5	3727.0	3697.1	3648.4
50°	4310.7	4348.2	4344.4	4325.7	4288.3	4265.8	4267.7	4235.9	4194.7	4185.4	4121.8
47.5°	4903.8	4946.9	4939.4	4913.2	4862.7	4853.3	4862.7	4821.5	4797.2	4776.6	4701.8
45°	5682.2	5732.7	5704.6	5654.1	5573.7	5583.0	5596.1	5588.6	5536.2	5482.0	5386.6
42.5°	6595.2	6627.0	6593.3	6542.8	6441.8	6460.5	6453.0	6408.1	6376.3	6286.5	6164.9
40°	7571.9	7641.1	7588.7	7510.1	7405.3	7433.4	7412.8	7354.8	7280.0	7167.7	7014.3
37.5°	8625.2	8679.5	8619.6	8527.9	8434.4	8425.0	8383.9	8294.1	8187.4	8063.9	7818.8
35°	9633.7	9774.0	9663.6	9517.7	9403.6	9360.5	9321.2	9113.6	8991.9	8791.7	8456.8
32.5°	10384.0	10486.9	10350.3	10198.7	10060.3	10000.4	9861.9	9615.0	9549.5	9128.5	8821.7
30°	10580.4	10572.9	10430.7	10314.7	10165.0	10123.9	9869.4	9659.9	9450.3	9061.2	8769.3
27.5°	10112.7	10065.9	9929.3	9828.3	9680.5	9631.8	9381.1	9268.8	8945.2	8615.9	8368.9
25°	9070.5	9094.8	8991.9	8941.4	8844.1	8739.4	8640.2	8488.6	8286.6	7998.4	7772.1
22.5°	8249.2	8281.0	8237.9	8178.1	8103.2	8045.2	7970.4	7852.5	7657.9	7480.2	7266.9
20°	7792.6	7783.3	7745.9	7701.0	7629.9	7588.7	7506.4	7407.2	7257.5	7104.1	6874.0
17.5°	7553.2	7495.2	7459.6	7442.8	7405.3	7353.0	7255.7	7154.6	7038.6	6864.6	6696.2
15°	7375.4	7384.8	7356.7	7343.6	7313.7	7240.7	7141.5	7059.2	6902.1	6814.1	6660.7
12.5°	7364.2	7354.8	7356.7	7351.1	7313.7	7220.1	7169.6	7064.8	6963.8	6847.8	6671.9
10°	7497.0	7397.9	7405.3	7431.5	7371.7	7296.8	7242.6	7128.4	7033.0	6885.2	6711.2
7.5°	7489.5	7439.0	7454.0	7411.0	7429.7	7338.0	7263.2	7149.0	7029.3	6872.1	6715.0
5°	7534.4	7457.7	7444.6	7448.4	7401.6	7332.4	7231.3	7122.8	7010.6	6834.7	6673.8
2.5°	7431.5	7442.8	7382.9	7360.4	7354.8	7238.8	7145.3	7040.5	6924.5	6769.2	6625.1
0°	7354.8	7375.4	7313.7	7281.9	7280.0	7180.8	7121.0	7001.2	6918.9	6789.8	6615.8
-2.5°	7313.7	7338.0	7345.5	7287.5	7231.3	7154.6	7053.6	6924.5	6789.8	6640.1	6490.4
-5°	7317.4	7268.8	7248.2	7266.9	7218.2	7141.5	7029.3	6915.2	6782.3	6621.4	6434.3
-7.5°	7169.6	7121.0	7117.2	7107.9	7096.6	7023.7	6930.1	6806.6	6671.9	6522.2	6348.2
-10°	6948.8	6913.3	6903.9	6894.6	6864.6	6821.6	6733.7	6621.4	6499.8	6350.1	6164.9
-12.5°	6703.7	6686.9	6651.3	6627.0	6597.1	6546.6	6462.4	6359.5	6237.9	6105.0	5946.0
-15°	6432.4	6400.6	6365.1	6344.5	6301.5	6241.6	6157.4	6062.0	5929.1	5798.2	5648.5
-17.5°	6105.0	6065.7	6026.4	6020.8	5990.9	5899.2	5820.6	5704.6	5588.6	5463.3	5317.3
-20°	5719.6	5665.3	5639.1	5624.2	5583.0	5515.7	5431.5	5324.8	5212.6	5092.8	4924.4



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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°	5293.0	5246.2	5201.3	5173.3	5137.7	5085.3	5004.9	4911.3	4800.9	4666.2	4510.9
-25°	4808.4	4742.9	4714.9	4683.1	4664.4	4615.7	4537.1	4451.1	4336.9	4206.0	4058.2
-27.5°	4254.6	4202.2	4187.3	4142.4	4119.9	4069.4	4003.9	3923.5	3818.7	3695.2	3573.6
-30°	3642.8	3611.0	3586.7	3541.8	3524.9	3470.7	3427.6	3360.3	3264.9	3176.9	3079.6
-32.5°	3014.2	2982.3	2974.9	2954.3	2943.1	2907.5	2858.9	2810.2	2733.5	2668.0	2589.4
-35°	2456.6	2434.1	2436.0	2434.1	2422.9	2396.7	2336.9	2323.8	2267.6	2207.8	2157.2
-37.5°	2011.3	2013.2	2011.3	2009.4	1994.5	1983.2	1940.2	1923.4	1889.7	1831.7	1801.8
-40°	1676.4	1680.1	1678.3	1674.5	1657.7	1652.1	1624.0	1601.6	1588.5	1547.3	1515.5
-42.5°	1405.1	1410.7	1408.8	1407.0	1395.8	1393.9	1378.9	1352.7	1345.2	1320.9	1287.2
-45°	1199.3	1197.4	1193.7	1197.4	1191.8	1186.2	1176.8	1160.0	1150.7	1139.4	1111.4
-47.5°	1036.5	1038.4	1034.7	1034.7	1027.2	1021.6	1017.8	1006.6	999.1	989.7	972.9
-50°	901.8	909.3	907.4	905.6	899.9	896.2	896.2	885.0	873.7	870.0	858.8
-52.5°	797.0	802.7	804.5	808.3	810.1	812.0	806.4	795.2	776.5	774.6	769.0
-55°	701.6	718.5	729.7	737.2	744.7	750.3	739.0	724.1	705.4	697.9	696.0
-57.5°	636.1	653.0	666.1	677.3	686.7	696.0	684.8	669.8	653.0	643.6	641.7
-60°	576.3	591.2	604.3	619.3	632.4	647.4	641.7	630.5	621.2	613.7	606.2
-62.5°	512.6	527.6	542.6	561.3	578.1	593.1	595.0	593.1	591.2	593.1	580.0
-65°	460.3	467.7	477.1	497.7	516.4	533.2	542.6	548.2	557.6	566.9	553.8
-67.5°	404.1	413.5	424.7	439.7	454.6	465.9	479.0	493.9	508.9	523.9	514.5
-70°	353.6	361.1	370.5	377.9	387.3	394.8	406.0	422.8	439.7	454.6	450.9
-72.5°	301.2	308.7	314.3	318.1	323.7	327.4	333.0	348.0	359.2	366.7	366.7
-75°	248.8	256.3	261.9	263.8	267.6	269.4	273.2	278.8	284.4	286.3	288.1
-77.5°	190.8	198.3	203.9	207.7	211.4	215.2	217.0	220.8	222.6	222.6	224.5
-80°	142.2	147.8	151.5	157.2	159.0	162.8	166.5	168.4	170.3	170.3	172.1
-82.5°	101.0	104.8	108.5	112.3	116.0	117.9	121.6	123.5	125.4	127.2	129.1
-85°	67.4	71.1	74.8	78.6	80.5	82.3	84.2	86.1	87.9	89.8	91.7
-87.5°	39.3	41.2	43.0	46.8	48.6	52.4	54.3	52.4	54.3	54.3	54.3
-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°	73.0	73.0	73.0	73.0	71.1	67.4	65.5	61.7	58.0	54.3	50.5
85°	151.5	153.4	153.4	153.4	149.7	147.8	142.2	136.6	129.1	117.9	108.5
82.5°	252.6	254.5	254.5	252.6	248.8	243.2	235.7	226.4	211.4	196.5	183.4
80°	379.8	381.7	381.7	379.8	370.5	361.1	351.7	340.5	321.8	301.2	278.8
77.5°	531.4	535.1	535.1	529.5	516.4	505.2	490.2	471.5	443.4	413.5	383.6
75°	707.2	716.6	718.5	712.8	696.0	675.4	651.1	619.3	576.3	538.8	503.3
72.5°	911.2	920.5	928.0	920.5	896.2	868.1	832.6	795.2	752.1	701.6	641.7
70°	1178.7	1188.1	1193.7	1169.4	1126.3	1079.6	1036.5	993.5	943.0	881.2	815.7
67.5°	1515.5	1506.1	1494.9	1446.3	1392.0	1335.9	1276.0	1212.4	1146.9	1081.4	1004.7
65°	1839.2	1813.0	1788.7	1730.7	1661.4	1588.5	1519.2	1448.1	1369.6	1287.2	1214.3
62.5°	2179.7	2123.6	2063.7	1992.6	1921.5	1841.0	1771.8	1687.6	1599.7	1498.7	1405.1
60°	2514.6	2447.2	2387.4	2299.4	2205.9	2097.4	2022.5	1940.2	1837.3	1728.8	1618.4
57.5°	2838.3	2765.3	2699.8	2623.1	2522.1	2404.2	2321.9	2215.2	2106.7	1970.1	1857.9
55°	3182.5	3109.6	3057.2	2971.1	2860.7	2752.2	2662.4	2550.1	2398.6	2252.7	2114.2
52.5°	3577.3	3519.3	3463.2	3375.3	3242.4	3132.0	3032.9	2907.5	2748.5	2568.9	2402.3
50°	4018.9	3988.9	3929.1	3826.2	3674.6	3577.3	3446.3	3279.8	3109.6	2920.6	2712.9
47.5°	4604.5	4555.8	4471.6	4359.4	4232.2	4086.2	3910.4	3715.8	3474.4	3264.9	3044.1
45°	5304.2	5214.4	5105.9	4954.4	4797.2	4632.6	4439.8	4192.9	3869.2	3596.0	3364.0
42.5°	6062.0	5940.4	5792.6	5594.2	5390.3	5188.2	4980.6	4643.8	4239.6	3925.3	3663.4
40°	6853.4	6698.1	6512.9	6224.8	5998.4	5738.3	5500.7	4997.4	4567.1	4226.5	3947.8
37.5°	7628.0	7431.5	7121.0	6771.1	6507.3	6294.0	5772.0	5233.1	4847.7	4473.5	4191.0
35°	8221.1	8054.6	7506.4	7143.4	6917.0	6580.2	5927.3	5375.3	4967.5	4656.9	4217.2
32.5°	8572.8	8142.5	7661.7	7295.0	7107.9	6555.9	5938.5	5416.5	5023.6	4675.6	4149.8
30°	8494.3	7974.1	7553.2	7246.3	6840.3	6344.5	5833.7	5352.9	4971.2	4550.2	4075.0
27.5°	8020.9	7618.6	7242.6	6922.6	6524.1	6078.8	5607.3	5184.5	4829.0	4421.1	3972.1
25°	7485.8	7121.0	6842.2	6563.4	6185.5	5760.8	5345.4	5040.4	4683.1	4280.8	3837.4
22.5°	6993.7	6731.8	6512.9	6221.0	5852.4	5482.0	5223.8	4907.6	4540.9	4133.0	3698.9
20°	6679.4	6501.7	6251.0	5929.1	5639.1	5407.1	5120.9	4786.0	4408.0	3981.5	3581.1
17.5°	6527.9	6322.0	6043.3	5833.7	5611.1	5356.6	5036.7	4681.2	4278.9	3912.2	3594.2
15°	6449.3	6232.2	6048.9	5843.1	5592.4	5324.8	4969.3	4600.7	4278.9	3940.3	3603.5
12.5°	6466.1	6279.0	6078.8	5854.3	5584.9	5298.6	4976.8	4634.4	4301.4	3960.9	3605.4
10°	6518.5	6322.0	6108.8	5859.9	5588.6	5306.1	4997.4	4655.0	4312.6	3970.2	3601.6
7.5°	6537.2	6323.9	6095.7	5844.9	5579.3	5302.4	5001.1	4660.6	4314.5	3968.4	3590.4
5°	6479.2	6286.5	6065.7	5813.1	5553.1	5283.7	4986.2	4653.1	4299.5	3949.6	3562.4
2.5°	6400.6	6245.3	6033.9	5790.7	5526.9	5257.5	4961.8	4619.5	4265.8	3916.0	3526.8
0°	6387.5	6194.8	5981.5	5764.5	5483.8	5199.5	4905.7	4555.8	4204.1	3852.4	3465.1
-2.5°	6301.5	6097.5	5884.2	5648.5	5401.5	5115.3	4806.6	4464.2	4116.2	3770.0	3397.7
-5°	6236.0	6009.6	5783.2	5528.8	5279.9	4993.7	4673.7	4340.7	4000.2	3663.4	3304.2
-7.5°	6148.0	5916.0	5678.4	5412.8	5143.3	4851.5	4535.3	4202.2	3867.3	3532.4	3188.2
-10°	5970.3	5766.4	5543.7	5268.7	4984.3	4692.4	4378.1	4050.7	3715.8	3377.1	3031.0
-12.5°	5755.1	5540.0	5296.8	5044.2	4789.7	4518.4	4204.1	3882.3	3545.5	3205.0	2860.7
-15°	5476.4	5264.9	5016.1	4769.1	4524.0	4264.0	3987.1	3697.1	3354.7	3019.8	2675.5
-17.5°	5128.4	4930.0	4707.4	4471.6	4228.4	3966.5	3697.1	3452.0	3132.0	2817.7	2477.2
-20°	4754.2	4568.9	4368.7	4146.1	3902.9	3646.5	3392.1	3135.8	2858.9	2582.0	2265.8



REPORT NUMBER: P722259

CATALOG NUMBER: IFLD-S-SA6A-930-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	4365.0	4177.9	3975.8	3768.2	3543.6	3306.0	3070.3	2825.2	2582.0	2331.2	2063.7
-25°	3916.0	3751.3	3566.1	3364.0	3163.8	2956.2	2731.6	2509.0	2301.3	2084.3	1865.4
-27.5°	3446.3	3294.8	3126.4	2950.5	2778.4	2604.4	2409.8	2204.0	2031.9	1852.3	1670.8
-30°	2952.4	2830.8	2694.2	2540.8	2408.0	2267.6	2104.9	1934.6	1777.4	1640.9	1494.9
-32.5°	2484.7	2381.8	2284.5	2183.4	2052.5	1944.0	1831.7	1706.3	1567.9	1438.8	1334.0
-35°	2082.4	1972.0	1930.9	1856.0	1762.5	1667.0	1584.7	1494.9	1390.1	1276.0	1189.9
-37.5°	1743.8	1678.3	1620.3	1579.1	1517.4	1440.7	1375.2	1309.7	1229.2	1143.2	1057.1
-40°	1479.9	1435.0	1371.4	1350.8	1311.6	1259.2	1191.8	1141.3	1087.0	1021.6	948.6
-42.5°	1268.5	1234.8	1193.7	1158.1	1141.3	1103.9	1051.5	1002.8	959.8	914.9	858.8
-45°	1094.5	1072.1	1045.9	1014.1	1001.0	971.0	933.6	879.4	855.0	817.6	776.5
-47.5°	954.2	943.0	924.3	903.7	885.0	862.5	828.8	795.2	761.5	737.2	705.4
-50°	843.8	836.3	825.1	808.3	783.9	769.0	746.5	716.6	684.8	664.2	641.7
-52.5°	755.9	748.4	740.9	727.8	709.1	694.1	675.4	651.1	624.9	604.3	585.6
-55°	688.5	677.3	671.7	660.5	645.5	628.7	611.8	595.0	572.5	553.8	535.1
-57.5°	636.1	621.2	613.7	604.3	589.4	572.5	559.4	542.6	527.6	507.0	490.2
-60°	595.0	578.1	563.2	553.8	540.7	523.9	510.8	497.7	482.7	465.9	445.3
-62.5°	561.3	540.7	520.1	508.9	495.8	480.8	467.7	454.6	439.7	422.8	404.1
-65°	529.5	505.2	479.0	467.7	454.6	439.7	422.8	413.5	400.4	385.4	366.7
-67.5°	490.2	464.0	441.6	428.5	415.4	402.3	387.3	377.9	364.8	346.1	327.4
-70°	432.2	415.4	400.4	389.2	377.9	366.7	351.7	336.8	321.8	305.0	288.1
-72.5°	359.2	353.6	351.7	346.1	333.0	319.9	305.0	290.0	276.9	263.8	250.7
-75°	290.0	293.7	297.5	295.6	282.5	269.4	256.3	243.2	233.9	222.6	211.4
-77.5°	230.1	233.9	237.6	237.6	228.3	220.8	211.4	202.1	194.6	185.2	174.0
-80°	177.7	183.4	189.0	192.7	185.2	179.6	172.1	164.6	157.2	149.7	142.2
-82.5°	134.7	140.3	145.9	149.7	144.1	140.3	134.7	129.1	123.5	116.0	110.4
-85°	97.3	101.0	104.8	106.6	102.9	99.2	95.4	91.7	87.9	82.3	78.6
-87.5°	56.1	58.0	59.9	61.7	58.0	54.3	52.4	48.6	46.8	43.0	41.2
-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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 CATALOG NUMBER: IFLD-S-SA6A-930-U-76

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°	46.8	43.0	39.3	37.4	33.7	28.1	24.3	20.6	16.8	13.1	11.2
85°	99.2	89.8	78.6	73.0	65.5	58.0	50.5	43.0	35.5	28.1	20.6
82.5°	170.3	159.0	147.8	134.7	117.9	97.3	76.7	63.6	52.4	41.2	31.8
80°	256.3	235.7	217.0	200.2	181.5	155.3	127.2	101.0	71.1	54.3	41.2
77.5°	355.5	331.2	305.0	276.9	247.0	211.4	179.6	145.9	110.4	74.8	52.4
75°	467.7	435.9	400.4	361.1	321.8	275.0	230.1	190.8	149.7	104.8	63.6
72.5°	593.1	553.8	510.8	458.4	396.6	342.4	288.1	235.7	187.1	132.8	86.1
70°	754.0	692.3	628.7	572.5	493.9	407.9	344.3	284.4	222.6	162.8	108.5
67.5°	926.1	851.3	774.6	692.3	593.1	492.1	400.4	333.0	260.1	190.8	129.1
65°	1113.2	1019.7	922.4	830.7	694.1	574.4	471.5	379.8	295.6	217.0	149.7
62.5°	1305.9	1195.6	1083.3	963.6	806.4	658.6	538.8	432.2	329.3	241.4	168.4
60°	1511.8	1382.7	1246.1	1096.4	913.0	750.3	602.5	486.5	364.8	265.7	189.0
57.5°	1728.8	1588.5	1427.6	1225.5	1023.4	838.2	675.4	535.1	396.6	288.1	203.9
55°	1964.5	1803.6	1627.8	1360.2	1131.9	926.1	748.4	583.7	430.3	306.8	218.9
52.5°	2219.0	2031.9	1809.2	1502.4	1246.1	1015.9	815.7	626.8	462.1	327.4	232.0
50°	2503.4	2267.6	1968.3	1633.4	1345.2	1100.1	883.1	673.6	488.3	349.9	243.2
47.5°	2799.0	2544.5	2110.5	1755.0	1446.3	1182.5	952.3	714.7	514.5	368.6	254.5
45°	3107.7	2737.2	2258.3	1863.5	1534.2	1257.3	1004.7	752.1	546.3	385.4	263.8
42.5°	3412.7	2883.2	2387.4	1972.0	1616.5	1324.7	1047.8	787.7	572.5	402.3	273.2
40°	3556.7	2993.6	2490.3	2046.9	1685.8	1384.5	1085.2	819.5	595.0	413.5	282.5
37.5°	3616.6	3060.9	2557.6	2118.0	1740.0	1416.3	1117.0	847.6	613.7	424.7	290.0
35°	3629.7	3085.2	2591.3	2166.6	1784.9	1446.3	1141.3	868.1	628.7	435.9	297.5
32.5°	3605.4	3077.8	2600.7	2183.4	1813.0	1468.7	1158.1	883.1	639.9	447.2	305.0
30°	3551.1	3038.5	2567.0	2181.6	1833.6	1481.8	1169.4	894.3	651.1	454.6	308.7
27.5°	3463.2	2969.2	2524.0	2183.4	1844.8	1487.4	1175.0	899.9	658.6	460.3	316.2
25°	3354.7	2875.7	2525.8	2179.7	1846.7	1489.3	1175.0	899.9	660.5	462.1	321.8
22.5°	3229.3	2875.7	2525.8	2174.1	1835.4	1485.6	1169.4	896.2	660.5	465.9	327.4
20°	3236.8	2877.6	2520.2	2162.9	1818.6	1474.3	1156.3	886.8	654.8	471.5	331.2
17.5°	3242.4	2873.8	2509.0	2147.9	1796.1	1455.6	1139.4	873.7	654.8	477.1	333.0
15°	3242.4	2862.6	2492.1	2125.4	1768.1	1429.4	1115.1	862.5	656.7	479.0	336.8
12.5°	3236.8	2842.0	2466.0	2095.5	1734.4	1397.6	1100.1	858.8	656.7	480.8	336.8
10°	3225.6	2814.0	2432.3	2058.1	1702.6	1386.4	1092.7	851.3	653.0	480.8	336.8
7.5°	3205.0	2780.3	2404.2	2035.6	1683.9	1373.3	1081.4	840.1	647.4	477.1	340.5
5°	3173.2	2761.6	2381.8	2009.4	1657.7	1363.9	1073.9	830.7	643.6	477.1	336.8
2.5°	3132.0	2739.1	2355.6	1975.8	1627.8	1332.1	1049.6	810.1	630.5	469.6	333.0
0°	3064.7	2694.2	2310.7	1929.0	1586.6	1300.3	1025.3	789.6	617.4	462.1	329.3
-2.5°	3002.9	2634.3	2252.7	1880.3	1547.3	1272.3	1006.6	778.3	611.8	460.3	327.4
-5°	2916.9	2552.0	2176.0	1816.7	1494.9	1244.2	987.9	765.2	606.2	456.5	327.4
-7.5°	2821.4	2466.0	2095.5	1751.2	1442.5	1195.6	952.3	744.7	593.1	449.0	325.6
-10°	2673.6	2336.9	1994.5	1676.4	1386.4	1152.5	922.4	725.9	581.9	441.6	318.1
-12.5°	2516.5	2194.7	1878.5	1584.7	1322.8	1107.6	888.7	705.4	568.8	434.1	314.3
-15°	2350.0	2048.7	1756.9	1489.3	1253.6	1053.4	853.2	682.9	555.7	424.7	308.7
-17.5°	2176.0	1895.3	1631.5	1392.0	1184.3	997.2	815.7	662.3	540.7	415.4	303.1
-20°	1992.6	1738.1	1504.3	1292.8	1111.4	941.1	776.5	638.0	523.9	404.1	295.6



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CATALOG NUMBER: IFLD-S-SA6A-930-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1811.1	1582.9	1373.3	1195.6	1036.5	883.1	737.2	613.7	505.2	391.0	290.0
-25°	1650.2	1436.9	1257.3	1102.0	963.6	827.0	696.0	589.4	484.6	377.9	282.5
-27.5°	1493.0	1311.6	1143.2	1014.1	892.5	772.7	656.7	563.2	464.0	363.0	275.0
-30°	1347.1	1191.8	1053.4	928.0	825.1	724.1	623.0	537.0	441.6	348.0	265.7
-32.5°	1214.3	1088.9	972.9	853.2	761.5	675.4	591.2	510.8	419.1	333.0	256.3
-35°	1090.8	993.5	892.5	791.4	697.9	630.5	557.6	482.7	398.5	316.2	247.0
-37.5°	980.4	901.8	821.4	735.3	654.8	587.5	525.7	454.6	377.9	301.2	237.6
-40°	885.0	821.4	750.3	681.0	613.7	550.1	493.9	426.6	357.4	290.0	228.3
-42.5°	797.0	748.4	690.4	632.4	572.5	516.4	462.1	396.6	336.8	276.9	218.9
-45°	729.7	681.0	634.3	581.9	531.4	482.7	428.5	370.5	318.1	261.9	209.6
-47.5°	666.1	623.0	580.0	537.0	495.8	450.9	396.6	348.0	297.5	248.8	202.1
-50°	609.9	568.8	531.4	493.9	458.4	415.4	364.8	325.6	280.6	235.7	192.7
-52.5°	557.6	522.0	484.6	454.6	424.7	381.7	340.5	303.1	263.8	220.8	183.4
-55°	510.8	477.1	443.4	415.4	387.3	349.9	316.2	284.4	247.0	209.6	174.0
-57.5°	465.9	437.8	406.0	379.8	351.7	321.8	293.7	263.8	230.1	198.3	164.6
-60°	424.7	398.5	370.5	344.3	319.9	295.6	269.4	245.1	215.2	185.2	155.3
-62.5°	383.6	361.1	336.8	310.6	291.9	269.4	248.8	224.5	200.2	174.0	138.5
-65°	346.1	325.6	303.1	280.6	263.8	247.0	228.3	205.8	185.2	160.9	123.5
-67.5°	308.7	290.0	271.3	252.6	237.6	224.5	205.8	189.0	172.1	145.9	108.5
-70°	273.2	258.2	241.4	226.4	215.2	200.2	187.1	172.1	157.2	127.2	91.7
-72.5°	239.5	224.5	211.4	200.2	190.8	177.7	166.5	155.3	134.7	106.6	76.7
-75°	200.2	190.8	183.4	174.0	164.6	155.3	145.9	132.8	112.3	86.1	59.9
-77.5°	164.6	159.0	153.4	145.9	138.5	131.0	119.7	106.6	89.8	67.4	48.6
-80°	134.7	129.1	125.4	117.9	112.3	104.8	93.5	82.3	65.5	52.4	39.3
-82.5°	102.9	99.2	95.4	91.7	86.1	78.6	67.4	58.0	48.6	39.3	29.9
-85°	73.0	71.1	67.4	63.6	58.0	52.4	44.9	39.3	33.7	26.2	20.6
-87.5°	37.4	35.5	33.7	31.8	29.9	26.2	22.5	18.7	16.8	13.1	9.4
-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-S-SA6A-930-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	7.5	5.6	1.9	0.0
85°	15.0	9.4	3.7	0.0
82.5°	22.5	15.0	5.6	0.0
80°	29.9	18.7	9.4	0.0
77.5°	37.4	22.5	11.2	0.0
75°	44.9	28.1	13.1	0.0
72.5°	50.5	31.8	15.0	0.0
70°	59.9	37.4	16.8	0.0
67.5°	74.8	41.2	18.7	0.0
65°	87.9	44.9	20.6	0.0
62.5°	102.9	48.6	22.5	0.0
60°	116.0	52.4	24.3	0.0
57.5°	129.1	61.7	26.2	0.0
55°	140.3	69.2	28.1	0.0
52.5°	153.4	76.7	29.9	0.0
50°	164.6	84.2	31.8	0.0
47.5°	174.0	91.7	31.8	0.0
45°	181.5	97.3	33.7	0.0
42.5°	187.1	102.9	35.5	0.0
40°	192.7	108.5	37.4	0.0
37.5°	198.3	114.1	37.4	0.0
35°	203.9	119.7	39.3	0.0
32.5°	209.6	125.4	39.3	0.0
30°	213.3	129.1	41.2	0.0
27.5°	218.9	132.8	41.2	0.0
25°	220.8	136.6	43.0	0.0
22.5°	224.5	138.5	43.0	0.0
20°	228.3	142.2	43.0	0.0
17.5°	230.1	144.1	44.9	0.0
15°	230.1	145.9	46.8	0.0
12.5°	232.0	147.8	46.8	0.0
10°	232.0	151.5	44.9	0.0
7.5°	235.7	149.7	44.9	0.0
5°	233.9	149.7	44.9	0.0
2.5°	232.0	147.8	44.9	0.0
0°	230.1	147.8	44.9	0.0
-2.5°	230.1	147.8	44.9	0.0
-5°	230.1	147.8	44.9	0.0
-7.5°	228.3	149.7	44.9	0.0
-10°	224.5	149.7	44.9	0.0
-12.5°	222.6	144.1	44.9	0.0
-15°	220.8	142.2	44.9	0.0
-17.5°	217.0	140.3	43.0	0.0
-20°	213.3	138.5	43.0	0.0



REPORT NUMBER: P722259

CATALOG NUMBER: IFLD-S-SA6A-930-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	209.6	134.7	43.0	0.0
-25°	205.8	131.0	41.2	0.0
-27.5°	202.1	127.2	41.2	0.0
-30°	196.5	123.5	39.3	0.0
-32.5°	190.8	119.7	39.3	0.0
-35°	187.1	114.1	37.4	0.0
-37.5°	181.5	108.5	37.4	0.0
-40°	175.9	102.9	35.5	0.0
-42.5°	170.3	97.3	33.7	0.0
-45°	162.8	91.7	33.7	0.0
-47.5°	157.2	86.1	31.8	0.0
-50°	147.8	78.6	29.9	0.0
-52.5°	136.6	71.1	28.1	0.0
-55°	125.4	65.5	26.2	0.0
-57.5°	114.1	58.0	26.2	0.0
-60°	102.9	50.5	24.3	0.0
-62.5°	91.7	46.8	22.5	0.0
-65°	80.5	43.0	20.6	0.0
-67.5°	67.4	37.4	18.7	0.0
-70°	56.1	33.7	16.8	0.0
-72.5°	48.6	29.9	15.0	0.0
-75°	41.2	26.2	13.1	0.0
-77.5°	35.5	22.5	11.2	0.0
-80°	28.1	16.8	7.5	0.0
-82.5°	20.6	13.1	5.6	0.0
-85°	13.1	9.4	3.7	0.0
-87.5°	7.5	3.7	1.9	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)