

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: P722346

Luminaire Tested: **IFLD-S-SA6A-950-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722346
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6A-950-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (96) 5000K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

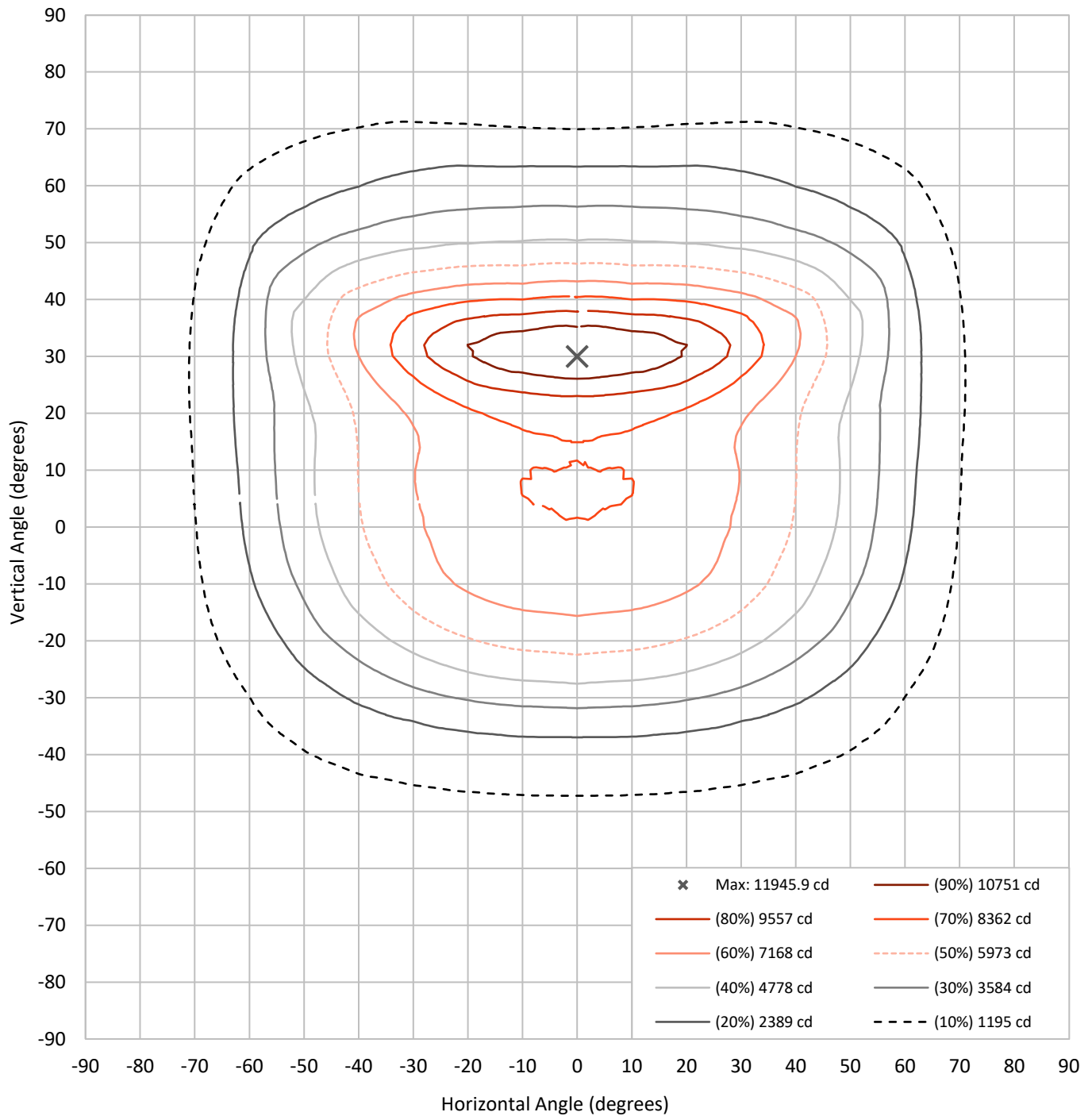
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	19940.8 lumens	Max Intensity:	11945.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	105.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	11595.8 lumens	Field Lumens:	18687.1 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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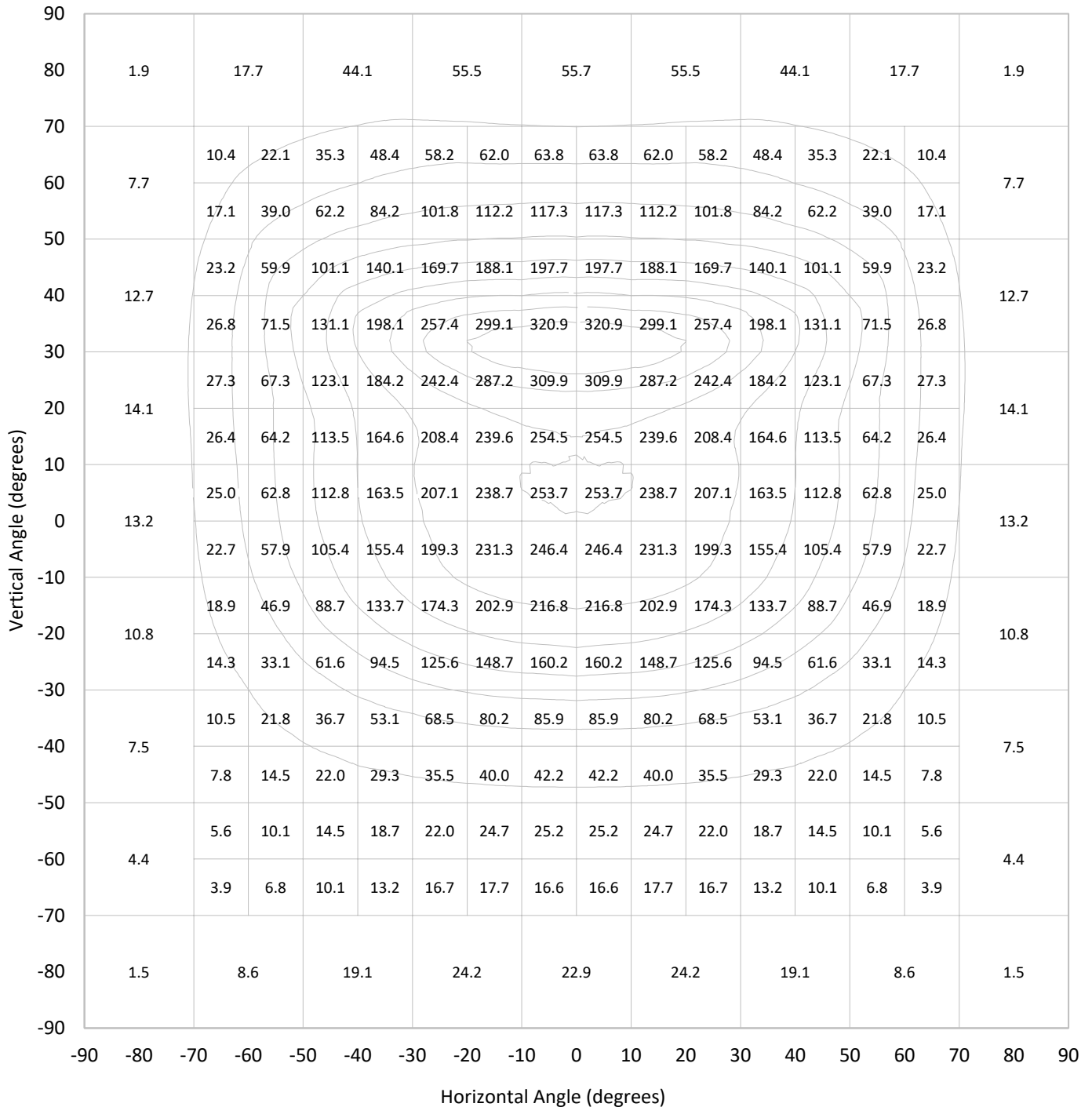
Iso-Candela Plot





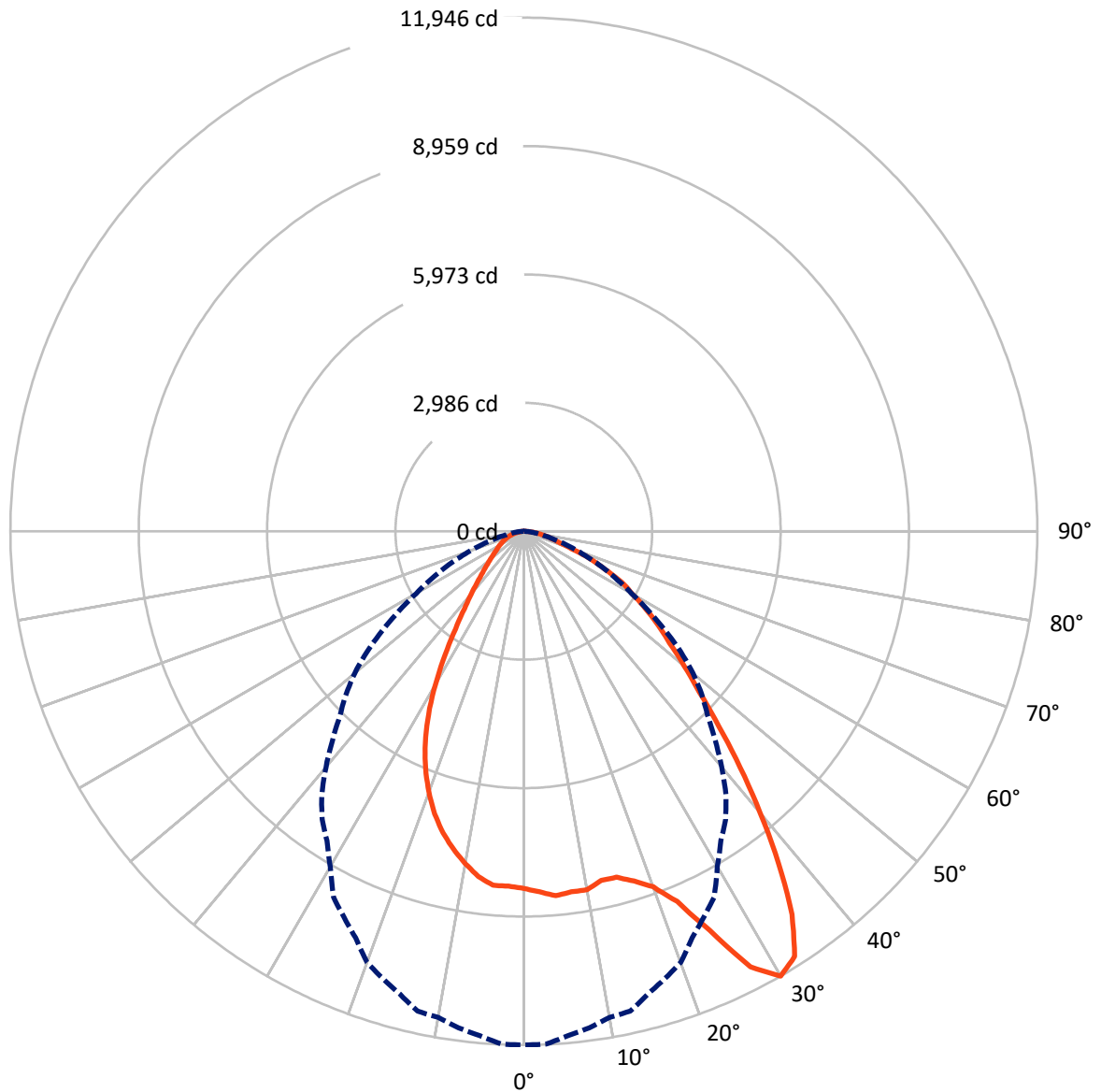
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Lumen Table



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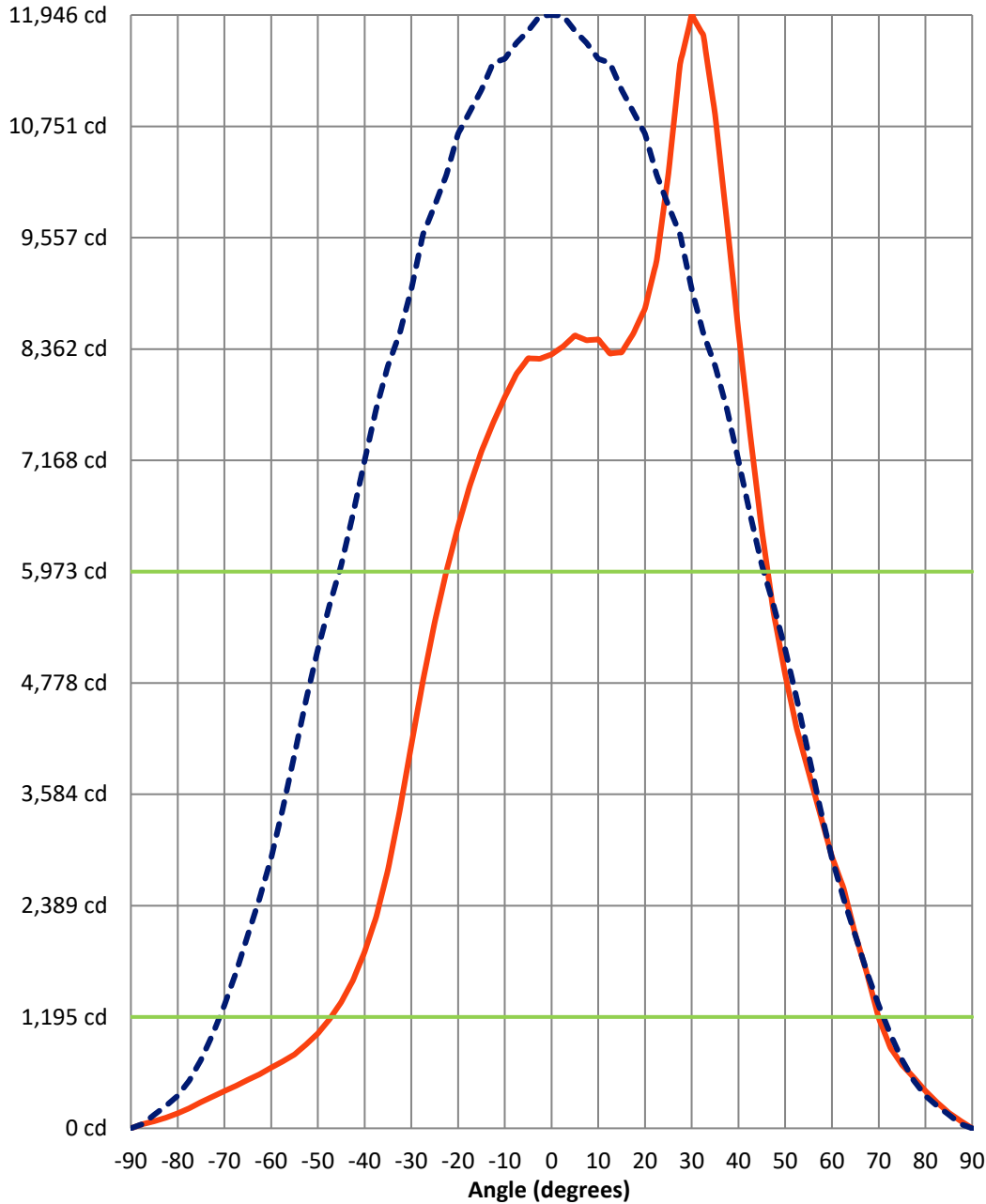
Luminous Intensity Polar Plot



— 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: 11595.8
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 18687.1
 Efficiency: 93.7%

Spill:
 Lumens: 1253.7
 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°	80.3	82.4	84.5	84.5	82.4	82.4	82.4	80.3	82.4	82.4	82.4
85°	166.9	171.1	175.3	173.2	171.1	166.9	162.7	164.8	166.9	169.0	169.0
82.5°	276.7	283.1	287.3	285.2	281.0	276.7	272.5	274.6	278.8	281.0	281.0
80°	401.4	403.5	405.6	409.8	403.5	403.5	401.4	409.8	414.0	418.3	422.5
77.5°	545.0	547.1	547.1	549.2	551.4	553.5	553.5	568.3	578.8	585.2	591.5
75°	680.2	686.5	692.9	699.2	707.7	711.9	718.2	739.4	756.3	768.9	781.6
72.5°	866.1	874.6	885.1	899.9	914.7	925.3	940.0	965.4	984.4	997.1	1011.9
70°	1185.1	1193.5	1204.1	1214.7	1229.4	1240.0	1254.8	1286.5	1305.5	1313.9	1322.4
67.5°	1658.3	1679.4	1698.4	1677.3	1666.7	1651.9	1656.2	1685.7	1704.8	1717.4	1715.3
65°	2078.7	2093.4	2093.4	2091.3	2082.9	2063.9	2074.4	2110.3	2131.5	2142.0	2110.3
62.5°	2573.0	2573.0	2562.4	2579.3	2581.4	2568.7	2562.4	2564.5	2566.6	2573.0	2520.2
60°	2915.2	2936.3	2942.7	2957.4	2961.7	2961.7	2972.2	2980.7	2980.7	2968.0	2906.7
57.5°	3367.3	3407.4	3415.8	3405.3	3384.2	3356.7	3352.5	3339.8	3314.4	3289.1	3259.5
55°	3823.5	3844.7	3842.6	3836.2	3815.1	3783.4	3787.6	3770.7	3730.6	3698.9	3658.8
52.5°	4281.9	4332.6	4341.1	4328.4	4298.8	4265.0	4267.2	4248.1	4208.0	4174.2	4119.3
50°	4867.1	4909.3	4905.1	4884.0	4841.7	4816.4	4818.5	4782.6	4736.1	4725.6	4653.7
47.5°	5536.7	5585.3	5576.9	5547.3	5490.3	5479.7	5490.3	5443.8	5416.3	5393.1	5308.6
45°	6415.5	6472.6	6440.9	6383.8	6293.0	6303.6	6318.4	6309.9	6250.8	6189.5	6081.8
42.5°	7446.4	7482.3	7444.3	7387.3	7273.2	7294.3	7285.9	7235.2	7199.3	7097.9	6960.5
40°	8549.1	8627.3	8568.1	8479.4	8361.1	8392.8	8369.6	8304.1	8219.6	8092.8	7919.6
37.5°	9738.4	9799.7	9732.1	9628.6	9523.0	9512.4	9465.9	9364.5	9244.1	9104.7	8828.0
35°	10877.0	11035.5	10910.8	10746.1	10617.2	10568.6	10524.3	10289.8	10152.5	9926.4	9548.3
32.5°	11724.1	11840.3	11686.1	11515.0	11358.7	11291.1	11134.8	10855.9	10782.0	10306.7	9960.2
30°	11945.9	11937.5	11776.9	11646.0	11477.0	11430.5	11143.2	10906.6	10670.0	10230.6	9901.1
27.5°	11417.8	11365.0	11210.8	11096.7	10929.8	10874.9	10591.9	10465.1	10099.7	9727.9	9449.0
25°	10241.2	10268.6	10152.5	10095.4	9985.6	9867.3	9755.3	9584.2	9356.1	9030.7	8775.1
22.5°	9313.8	9349.7	9301.1	9233.5	9149.0	9083.6	8999.1	8866.0	8646.3	8445.6	8204.8
20°	8798.4	8787.8	8745.6	8694.9	8614.6	8568.1	8475.2	8363.2	8194.2	8021.0	7761.2
17.5°	8528.0	8462.5	8422.4	8403.4	8361.1	8302.0	8192.1	8078.0	7947.1	7750.6	7560.5
15°	8327.3	8337.9	8306.2	8291.4	8257.6	8175.2	8063.2	7970.3	7792.9	7693.6	7520.3
12.5°	8314.6	8304.1	8306.2	8299.8	8257.6	8152.0	8094.9	7976.6	7862.6	7731.6	7533.0
10°	8464.6	8352.7	8361.1	8390.7	8323.1	8238.6	8177.3	8048.5	7940.7	7773.8	7577.4
7.5°	8456.2	8399.1	8416.0	8367.4	8388.6	8285.1	8200.6	8071.7	7936.5	7759.1	7581.6
5°	8506.9	8420.2	8405.5	8409.7	8356.9	8278.7	8164.6	8042.1	7915.4	7716.8	7535.1
2.5°	8390.7	8403.4	8335.8	8310.4	8304.1	8173.1	8067.5	7949.2	7818.2	7642.9	7480.2
0°	8304.1	8327.3	8257.6	8221.7	8219.6	8107.6	8040.0	7904.8	7811.9	7666.1	7469.6
-2.5°	8257.6	8285.1	8293.5	8228.0	8164.6	8078.0	7964.0	7818.2	7666.1	7497.1	7328.1
-5°	8261.8	8206.9	8183.7	8204.8	8149.9	8063.2	7936.5	7807.6	7657.7	7476.0	7264.7
-7.5°	8094.9	8040.0	8035.8	8025.2	8012.5	7930.2	7824.5	7685.1	7533.0	7364.0	7167.6
-10°	7845.7	7805.5	7795.0	7784.4	7750.6	7702.0	7602.7	7476.0	7338.7	7169.7	6960.5
-12.5°	7568.9	7549.9	7509.8	7482.3	7448.5	7391.5	7296.4	7180.2	7042.9	6892.9	6713.4
-15°	7262.6	7226.7	7186.6	7163.3	7114.8	7047.2	6952.1	6844.4	6694.4	6546.5	6377.5
-17.5°	6892.9	6848.6	6804.2	6797.9	6764.1	6660.6	6571.9	6440.9	6309.9	6168.4	6003.6
-20°	6457.8	6396.5	6366.9	6350.0	6303.6	6227.5	6132.5	6012.0	5885.3	5750.1	5560.0



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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°	5976.1	5923.3	5872.6	5840.9	5800.8	5741.7	5650.8	5545.2	5420.6	5268.5	5093.1
-25°	5429.0	5355.1	5323.4	5287.5	5266.4	5211.4	5122.7	5025.5	4896.7	4748.8	4581.9
-27.5°	4803.7	4744.6	4727.7	4677.0	4651.6	4594.6	4520.7	4429.8	4311.5	4172.1	4034.8
-30°	4113.0	4077.0	4049.6	3998.9	3979.9	3918.6	3870.0	3794.0	3686.2	3587.0	3477.1
-32.5°	3403.2	3367.3	3358.8	3335.6	3322.9	3282.8	3227.8	3172.9	3086.3	3012.4	2923.6
-35°	2773.7	2748.3	2750.4	2748.3	2735.6	2706.1	2638.5	2623.7	2560.3	2492.7	2435.7
-37.5°	2270.9	2273.0	2270.9	2268.8	2251.9	2239.2	2190.6	2171.6	2133.6	2068.1	2034.3
-40°	1892.8	1897.0	1894.9	1890.6	1871.6	1865.3	1833.6	1808.3	1793.5	1747.0	1711.1
-42.5°	1586.5	1592.8	1590.7	1588.6	1575.9	1573.8	1556.9	1527.3	1518.9	1491.4	1453.4
-45°	1354.1	1352.0	1347.7	1352.0	1345.6	1339.3	1328.7	1309.7	1299.2	1286.5	1254.8
-47.5°	1170.3	1172.4	1168.2	1168.2	1159.7	1153.4	1149.2	1136.5	1128.1	1117.5	1098.5
-50°	1018.2	1026.7	1024.5	1022.4	1016.1	1011.9	1011.9	999.2	986.5	982.3	969.6
-52.5°	899.9	906.2	908.4	912.6	914.7	916.8	910.5	897.8	876.7	874.6	868.2
-55°	792.2	811.2	823.9	832.3	840.8	847.1	834.4	817.5	796.4	787.9	785.8
-57.5°	718.2	737.2	752.0	764.7	775.3	785.8	773.2	756.3	737.2	726.7	724.6
-60°	650.6	667.5	682.3	699.2	714.0	730.9	724.6	711.9	701.3	692.9	684.4
-62.5°	578.8	595.7	612.6	633.7	652.7	669.6	671.8	669.6	667.5	669.6	654.9
-65°	519.7	528.1	538.7	561.9	583.0	602.0	612.6	618.9	629.5	640.1	625.3
-67.5°	456.3	466.9	479.5	496.4	513.3	526.0	540.8	557.7	574.6	591.5	580.9
-70°	399.3	407.7	418.3	426.7	437.3	445.7	458.4	477.4	496.4	513.3	509.1
-72.5°	340.1	348.6	354.9	359.1	365.5	369.7	376.0	392.9	405.6	414.0	414.0
-75°	281.0	289.4	295.7	297.9	302.1	304.2	308.4	314.8	321.1	323.2	325.3
-77.5°	215.5	223.9	230.3	234.5	238.7	242.9	245.0	249.3	251.4	251.4	253.5
-80°	160.5	166.9	171.1	177.4	179.6	183.8	188.0	190.1	192.2	192.2	194.3
-82.5°	114.1	118.3	122.5	126.7	131.0	133.1	137.3	139.4	141.5	143.6	145.8
-85°	76.0	80.3	84.5	88.7	90.8	92.9	95.1	97.2	99.3	101.4	103.5
-87.5°	44.4	46.5	48.6	52.8	54.9	59.1	61.3	59.1	61.3	61.3	61.3
-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°	82.4	82.4	82.4	82.4	80.3	76.0	73.9	69.7	65.5	61.3	57.0
85°	171.1	173.2	173.2	173.2	169.0	166.9	160.5	154.2	145.8	133.1	122.5
82.5°	285.2	287.3	287.3	285.2	281.0	274.6	266.2	255.6	238.7	221.8	207.0
80°	428.8	430.9	430.9	428.8	418.3	407.7	397.1	384.5	363.3	340.1	314.8
77.5°	599.9	604.2	604.2	597.8	583.0	570.4	553.5	532.3	500.7	466.9	433.1
75°	798.5	809.1	811.2	804.8	785.8	762.6	735.1	699.2	650.6	608.4	568.3
72.5°	1028.8	1039.3	1047.8	1039.3	1011.9	980.2	940.0	897.8	849.2	792.2	724.6
70°	1330.8	1341.4	1347.7	1320.3	1271.7	1218.9	1170.3	1121.7	1064.7	995.0	921.0
67.5°	1711.1	1700.5	1687.9	1632.9	1571.7	1508.3	1440.7	1368.9	1294.9	1221.0	1134.4
65°	2076.5	2047.0	2019.5	1954.0	1875.9	1793.5	1715.3	1635.0	1546.3	1453.4	1371.0
62.5°	2461.0	2397.6	2330.0	2249.8	2169.5	2078.7	2000.5	1905.4	1806.1	1692.1	1586.5
60°	2839.1	2763.1	2695.5	2596.2	2490.6	2368.1	2283.6	2190.6	2074.4	1951.9	1827.3
57.5°	3204.6	3122.2	3048.3	2961.7	2847.6	2714.5	2621.6	2501.1	2378.6	2224.4	2097.7
55°	3593.3	3510.9	3451.8	3354.6	3229.9	3107.4	3006.0	2879.3	2708.2	2543.4	2387.1
52.5°	4039.0	3973.5	3910.2	3810.9	3660.9	3536.3	3424.3	3282.8	3103.2	2900.4	2712.4
50°	4537.6	4503.8	4436.2	4320.0	4148.9	4039.0	3891.1	3703.1	3510.9	3297.5	3063.1
47.5°	5198.8	5143.8	5048.8	4922.0	4778.4	4613.6	4415.0	4195.3	3922.8	3686.2	3437.0
45°	5988.8	5887.4	5764.9	5593.8	5416.3	5230.4	5012.9	4734.0	4368.6	4060.1	3798.2
42.5°	6844.4	6707.0	6540.2	6316.2	6086.0	5857.8	5623.4	5243.1	4786.8	4431.9	4136.2
40°	7737.9	7562.6	7353.5	7028.1	6772.5	6478.9	6210.6	5642.4	5156.5	4772.0	4457.3
37.5°	8612.5	8390.7	8040.0	7645.0	7347.1	7106.3	6516.9	5908.5	5473.4	5050.9	4731.9
35°	9282.1	9094.1	8475.2	8065.4	7809.7	7429.5	6692.3	6069.1	5608.6	5257.9	4761.5
32.5°	9679.3	9193.4	8650.5	8236.5	8025.2	7402.0	6704.9	6115.6	5671.9	5279.0	4685.4
30°	9590.6	9003.3	8528.0	8181.5	7723.1	7163.3	6586.6	6043.7	5612.8	5137.5	4600.9
27.5°	9056.1	8601.9	8177.3	7816.1	7366.1	6863.4	6331.0	5853.6	5452.2	4991.7	4484.7
25°	8451.9	8040.0	7725.3	7410.5	6983.8	6504.3	6035.3	5691.0	5287.5	4833.3	4332.6
22.5°	7896.4	7600.6	7353.5	7023.9	6607.8	6189.5	5898.0	5541.0	5126.9	4666.4	4176.3
20°	7541.5	7340.8	7057.7	6694.4	6366.9	6105.0	5781.8	5403.7	4976.9	4495.3	4043.2
17.5°	7370.4	7138.0	6823.2	6586.6	6335.3	6048.0	5686.7	5285.4	4831.2	4417.1	4058.0
15°	7281.6	7036.6	6829.6	6597.2	6314.1	6012.0	5610.7	5194.5	4831.2	4448.8	4068.6
12.5°	7300.6	7089.4	6863.4	6609.9	6305.7	5982.5	5619.1	5232.6	4856.5	4472.1	4070.7
10°	7359.8	7138.0	6897.2	6616.2	6309.9	5990.9	5642.4	5255.8	4869.2	4482.6	4066.5
7.5°	7380.9	7140.1	6882.4	6599.3	6299.3	5986.7	5646.6	5262.1	4871.3	4480.5	4053.8
5°	7315.4	7097.9	6848.6	6563.4	6269.8	5965.6	5629.7	5253.7	4854.4	4459.4	4022.1
2.5°	7226.7	7051.4	6812.7	6538.1	6240.2	5936.0	5602.2	5215.7	4816.4	4421.4	3982.0
0°	7211.9	6994.3	6753.5	6508.5	6191.6	5870.5	5538.9	5143.8	4746.7	4349.5	3912.3
-2.5°	7114.8	6884.5	6643.7	6377.5	6098.7	5775.5	5426.9	5040.3	4647.4	4256.6	3836.2
-5°	7040.8	6785.2	6529.6	6242.3	5961.4	5638.1	5276.9	4900.9	4516.4	4136.2	3730.6
-7.5°	6941.5	6679.6	6411.3	6111.3	5807.1	5477.6	5120.6	4744.6	4366.4	3988.3	3599.6
-10°	6740.8	6510.6	6259.2	5948.7	5627.6	5298.0	4943.1	4573.5	4195.3	3813.0	3422.2
-12.5°	6497.9	6255.0	5980.4	5695.2	5407.9	5101.6	4746.7	4383.3	4003.1	3618.6	3229.9
-15°	6183.2	5944.5	5663.5	5384.7	5107.9	4814.3	4501.6	4174.2	3787.6	3409.5	3020.8
-17.5°	5790.2	5566.3	5314.9	5048.8	4774.2	4478.4	4174.2	3897.5	3536.3	3181.4	2796.9
-20°	5367.8	5158.6	4932.6	4681.2	4406.6	4117.2	3829.9	3540.5	3227.8	2915.2	2558.2



REPORT NUMBER: P722346
 CATALOG NUMBER: IFLD-S-SA6A-950-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	4928.4	4717.1	4489.0	4254.5	4001.0	3732.7	3466.5	3189.8	2915.2	2632.1	2330.0
-25°	4421.4	4235.5	4026.3	3798.2	3572.2	3337.7	3084.2	2832.8	2598.3	2353.3	2106.1
-27.5°	3891.1	3720.0	3529.9	3331.3	3137.0	2940.5	2720.8	2488.5	2294.1	2091.3	1886.4
-30°	3333.5	3196.1	3041.9	2868.7	2718.7	2560.3	2376.5	2184.3	2006.8	1852.6	1687.9
-32.5°	2805.3	2689.2	2579.3	2465.2	2317.4	2194.8	2068.1	1926.6	1770.2	1624.5	1506.2
-35°	2351.2	2226.5	2180.1	2095.6	1989.9	1882.2	1789.3	1687.9	1569.6	1440.7	1343.5
-37.5°	1968.8	1894.9	1829.4	1782.9	1713.2	1626.6	1552.7	1478.7	1387.9	1290.7	1193.5
-40°	1671.0	1620.3	1548.4	1525.2	1480.8	1421.7	1345.6	1288.6	1227.3	1153.4	1071.0
-42.5°	1432.2	1394.2	1347.7	1307.6	1288.6	1246.3	1187.2	1132.3	1083.7	1033.0	969.6
-45°	1235.8	1210.4	1180.9	1145.0	1130.2	1096.4	1054.1	992.9	965.4	923.1	876.7
-47.5°	1077.4	1064.7	1043.6	1020.3	999.2	973.8	935.8	897.8	859.8	832.3	796.4
-50°	952.7	944.3	931.6	912.6	885.1	868.2	842.9	809.1	773.2	749.9	724.6
-52.5°	853.4	845.0	836.5	821.7	800.6	783.7	762.6	735.1	705.6	682.3	661.2
-55°	777.4	764.7	758.4	745.7	728.8	709.8	690.8	671.8	646.4	625.3	604.2
-57.5°	718.2	701.3	692.9	682.3	665.4	646.4	631.6	612.6	595.7	572.5	553.5
-60°	671.8	652.7	635.8	625.3	610.5	591.5	576.7	561.9	545.0	526.0	502.8
-62.5°	633.7	610.5	587.3	574.6	559.8	542.9	528.1	513.3	496.4	477.4	456.3
-65°	597.8	570.4	540.8	528.1	513.3	496.4	477.4	466.9	452.1	435.2	414.0
-67.5°	553.5	523.9	498.5	483.8	469.0	454.2	437.3	426.7	411.9	390.8	369.7
-70°	488.0	469.0	452.1	439.4	426.7	414.0	397.1	380.2	363.3	344.3	325.3
-72.5°	405.6	399.3	397.1	390.8	376.0	361.2	344.3	327.4	312.6	297.9	283.1
-75°	327.4	331.7	335.9	333.8	319.0	304.2	289.4	274.6	264.1	251.4	238.7
-77.5°	259.8	264.1	268.3	268.3	257.7	249.3	238.7	228.1	219.7	209.1	196.5
-80°	200.7	207.0	213.4	217.6	209.1	202.8	194.3	185.9	177.4	169.0	160.5
-82.5°	152.1	158.4	164.8	169.0	162.7	158.4	152.1	145.8	139.4	131.0	124.6
-85°	109.8	114.1	118.3	120.4	116.2	112.0	107.7	103.5	99.3	92.9	88.7
-87.5°	63.4	65.5	67.6	69.7	65.5	61.3	59.1	54.9	52.8	48.6	46.5
-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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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°	52.8	48.6	44.4	42.2	38.0	31.7	27.5	23.2	19.0	14.8	12.7
85°	112.0	101.4	88.7	82.4	73.9	65.5	57.0	48.6	40.1	31.7	23.2
82.5°	192.2	179.6	166.9	152.1	133.1	109.8	86.6	71.8	59.1	46.5	35.9
80°	289.4	266.2	245.0	226.0	204.9	175.3	143.6	114.1	80.3	61.3	46.5
77.5°	401.4	373.9	344.3	312.6	278.8	238.7	202.8	164.8	124.6	84.5	59.1
75°	528.1	492.2	452.1	407.7	363.3	310.5	259.8	215.5	169.0	118.3	71.8
72.5°	669.6	625.3	576.7	517.6	447.8	386.6	325.3	266.2	211.2	150.0	97.2
70°	851.3	781.6	709.8	646.4	557.7	460.5	388.7	321.1	251.4	183.8	122.5
67.5°	1045.7	961.2	874.6	781.6	669.6	555.6	452.1	376.0	293.6	215.5	145.8
65°	1256.9	1151.3	1041.4	937.9	783.7	648.5	532.3	428.8	333.8	245.0	169.0
62.5°	1474.5	1349.9	1223.1	1087.9	910.5	743.6	608.4	488.0	371.8	272.5	190.1
60°	1706.9	1561.1	1406.9	1237.9	1030.9	847.1	680.2	549.2	411.9	300.0	213.4
57.5°	1951.9	1793.5	1611.8	1383.7	1155.5	946.4	762.6	604.2	447.8	325.3	230.3
55°	2218.1	2036.4	1837.8	1535.8	1278.0	1045.7	845.0	659.1	485.9	346.4	247.2
52.5°	2505.4	2294.1	2042.7	1696.3	1406.9	1147.1	921.0	707.7	521.8	369.7	261.9
50°	2826.5	2560.3	2222.3	1844.2	1518.9	1242.1	997.1	760.5	551.4	395.0	274.6
47.5°	3160.2	2872.9	2382.9	1981.5	1632.9	1335.1	1075.2	807.0	580.9	416.2	287.3
45°	3508.8	3090.5	2549.7	2104.0	1732.2	1419.6	1134.4	849.2	616.8	435.2	297.9
42.5°	3853.1	3255.3	2695.5	2226.5	1825.2	1495.6	1183.0	889.3	646.4	454.2	308.4
40°	4015.8	3379.9	2811.7	2311.0	1903.3	1563.2	1225.2	925.3	671.8	466.9	319.0
37.5°	4083.4	3456.0	2887.7	2391.3	1964.6	1599.1	1261.1	956.9	692.9	479.5	327.4
35°	4098.2	3483.4	2925.8	2446.2	2015.3	1632.9	1288.6	980.2	709.8	492.2	335.9
32.5°	4070.7	3475.0	2936.3	2465.2	2047.0	1658.3	1307.6	997.1	722.5	504.9	344.3
30°	4009.4	3430.6	2898.3	2463.1	2070.2	1673.1	1320.3	1009.8	735.1	513.3	348.6
27.5°	3910.2	3352.5	2849.7	2465.2	2082.9	1679.4	1326.6	1016.1	743.6	519.7	357.0
25°	3787.6	3246.8	2851.8	2461.0	2085.0	1681.5	1326.6	1016.1	745.7	521.8	363.3
22.5°	3646.1	3246.8	2851.8	2454.7	2072.3	1677.3	1320.3	1011.9	745.7	526.0	369.7
20°	3654.5	3249.0	2845.5	2442.0	2053.3	1664.6	1305.5	1001.3	739.4	532.3	373.9
17.5°	3660.9	3244.7	2832.8	2425.1	2028.0	1643.5	1286.5	986.5	739.4	538.7	376.0
15°	3660.9	3232.1	2813.8	2399.8	1996.3	1613.9	1259.0	973.8	741.5	540.8	380.2
12.5°	3654.5	3208.8	2784.2	2366.0	1958.2	1578.0	1242.1	969.6	741.5	542.9	380.2
10°	3641.9	3177.1	2746.2	2323.7	1922.3	1565.3	1233.7	961.2	737.2	542.9	380.2
7.5°	3618.6	3139.1	2714.5	2298.4	1901.2	1550.5	1221.0	948.5	730.9	538.7	384.5
5°	3582.7	3118.0	2689.2	2268.8	1871.6	1540.0	1212.5	937.9	726.7	538.7	380.2
2.5°	3536.3	3092.6	2659.6	2230.8	1837.8	1504.1	1185.1	914.7	711.9	530.2	376.0
0°	3460.2	3041.9	2608.9	2177.9	1791.4	1468.2	1157.6	891.5	697.1	521.8	371.8
-2.5°	3390.5	2974.3	2543.4	2123.0	1747.0	1436.5	1136.5	878.8	690.8	519.7	369.7
-5°	3293.3	2881.4	2456.8	2051.2	1687.9	1404.8	1115.4	864.0	684.4	515.4	369.7
-7.5°	3185.6	2784.2	2366.0	1977.3	1628.7	1349.9	1075.2	840.8	669.6	507.0	367.6
-10°	3018.7	2638.5	2251.9	1892.8	1565.3	1301.3	1041.4	819.6	657.0	498.5	359.1
-12.5°	2841.3	2477.9	2120.9	1789.3	1493.5	1250.6	1003.4	796.4	642.2	490.1	354.9
-15°	2653.2	2313.1	1983.6	1681.5	1415.3	1189.3	963.3	771.0	627.4	479.5	348.6
-17.5°	2456.8	2139.9	1842.1	1571.7	1337.2	1125.9	921.0	747.8	610.5	469.0	342.2
-20°	2249.8	1962.5	1698.4	1459.7	1254.8	1062.6	876.7	720.3	591.5	456.3	333.8



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CATALOG NUMBER: IFLD-S-SA6A-950-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2044.9	1787.1	1550.5	1349.9	1170.3	997.1	832.3	692.9	570.4	441.5	327.4
-25°	1863.2	1622.4	1419.6	1244.2	1087.9	933.7	785.8	665.4	547.1	426.7	319.0
-27.5°	1685.7	1480.8	1290.7	1145.0	1007.6	872.4	741.5	635.8	523.9	409.8	310.5
-30°	1521.0	1345.6	1189.3	1047.8	931.6	817.5	703.4	606.3	498.5	392.9	300.0
-32.5°	1371.0	1229.4	1098.5	963.3	859.8	762.6	667.5	576.7	473.2	376.0	289.4
-35°	1231.6	1121.7	1007.6	893.6	787.9	711.9	629.5	545.0	450.0	357.0	278.8
-37.5°	1106.9	1018.2	927.4	830.2	739.4	663.3	593.6	513.3	426.7	340.1	268.3
-40°	999.2	927.4	847.1	768.9	692.9	621.1	557.7	481.6	403.5	327.4	257.7
-42.5°	899.9	845.0	779.5	714.0	646.4	583.0	521.8	447.8	380.2	312.6	247.2
-45°	823.9	768.9	716.1	657.0	599.9	545.0	483.8	418.3	359.1	295.7	236.6
-47.5°	752.0	703.4	654.9	606.3	559.8	509.1	447.8	392.9	335.9	281.0	228.1
-50°	688.7	642.2	599.9	557.7	517.6	469.0	411.9	367.6	316.9	266.2	217.6
-52.5°	629.5	589.4	547.1	513.3	479.5	430.9	384.5	342.2	297.9	249.3	207.0
-55°	576.7	538.7	500.7	469.0	437.3	395.0	357.0	321.1	278.8	236.6	196.5
-57.5°	526.0	494.3	458.4	428.8	397.1	363.3	331.7	297.9	259.8	223.9	185.9
-60°	479.5	450.0	418.3	388.7	361.2	333.8	304.2	276.7	242.9	209.1	175.3
-62.5°	433.1	407.7	380.2	350.7	329.5	304.2	281.0	253.5	226.0	196.5	156.3
-65°	390.8	367.6	342.2	316.9	297.9	278.8	257.7	232.4	209.1	181.7	139.4
-67.5°	348.6	327.4	306.3	285.2	268.3	253.5	232.4	213.4	194.3	164.8	122.5
-70°	308.4	291.5	272.5	255.6	242.9	226.0	211.2	194.3	177.4	143.6	103.5
-72.5°	270.4	253.5	238.7	226.0	215.5	200.7	188.0	175.3	152.1	120.4	86.6
-75°	226.0	215.5	207.0	196.5	185.9	175.3	164.8	150.0	126.7	97.2	67.6
-77.5°	185.9	179.6	173.2	164.8	156.3	147.9	135.2	120.4	101.4	76.0	54.9
-80°	152.1	145.8	141.5	133.1	126.7	118.3	105.6	92.9	73.9	59.1	44.4
-82.5°	116.2	112.0	107.7	103.5	97.2	88.7	76.0	65.5	54.9	44.4	33.8
-85°	82.4	80.3	76.0	71.8	65.5	59.1	50.7	44.4	38.0	29.6	23.2
-87.5°	42.2	40.1	38.0	35.9	33.8	29.6	25.3	21.1	19.0	14.8	10.6
-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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CATALOG NUMBER: IFLD-S-SA6A-950-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	8.4	6.3	2.1	0.0
85°	16.9	10.6	4.2	0.0
82.5°	25.3	16.9	6.3	0.0
80°	33.8	21.1	10.6	0.0
77.5°	42.2	25.3	12.7	0.0
75°	50.7	31.7	14.8	0.0
72.5°	57.0	35.9	16.9	0.0
70°	67.6	42.2	19.0	0.0
67.5°	84.5	46.5	21.1	0.0
65°	99.3	50.7	23.2	0.0
62.5°	116.2	54.9	25.3	0.0
60°	131.0	59.1	27.5	0.0
57.5°	145.8	69.7	29.6	0.0
55°	158.4	78.2	31.7	0.0
52.5°	173.2	86.6	33.8	0.0
50°	185.9	95.1	35.9	0.0
47.5°	196.5	103.5	35.9	0.0
45°	204.9	109.8	38.0	0.0
42.5°	211.2	116.2	40.1	0.0
40°	217.6	122.5	42.2	0.0
37.5°	223.9	128.9	42.2	0.0
35°	230.3	135.2	44.4	0.0
32.5°	236.6	141.5	44.4	0.0
30°	240.8	145.8	46.5	0.0
27.5°	247.2	150.0	46.5	0.0
25°	249.3	154.2	48.6	0.0
22.5°	253.5	156.3	48.6	0.0
20°	257.7	160.5	48.6	0.0
17.5°	259.8	162.7	50.7	0.0
15°	259.8	164.8	52.8	0.0
12.5°	261.9	166.9	52.8	0.0
10°	261.9	171.1	50.7	0.0
7.5°	266.2	169.0	50.7	0.0
5°	264.1	169.0	50.7	0.0
2.5°	261.9	166.9	50.7	0.0
0°	259.8	166.9	50.7	0.0
-2.5°	259.8	166.9	50.7	0.0
-5°	259.8	166.9	50.7	0.0
-7.5°	257.7	169.0	50.7	0.0
-10°	253.5	169.0	50.7	0.0
-12.5°	251.4	162.7	50.7	0.0
-15°	249.3	160.5	50.7	0.0
-17.5°	245.0	158.4	48.6	0.0
-20°	240.8	156.3	48.6	0.0



REPORT NUMBER: P722346

CATALOG NUMBER: IFLD-S-SA6A-950-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	236.6	152.1	48.6	0.0
-25°	232.4	147.9	46.5	0.0
-27.5°	228.1	143.6	46.5	0.0
-30°	221.8	139.4	44.4	0.0
-32.5°	215.5	135.2	44.4	0.0
-35°	211.2	128.9	42.2	0.0
-37.5°	204.9	122.5	42.2	0.0
-40°	198.6	116.2	40.1	0.0
-42.5°	192.2	109.8	38.0	0.0
-45°	183.8	103.5	38.0	0.0
-47.5°	177.4	97.2	35.9	0.0
-50°	166.9	88.7	33.8	0.0
-52.5°	154.2	80.3	31.7	0.0
-55°	141.5	73.9	29.6	0.0
-57.5°	128.9	65.5	29.6	0.0
-60°	116.2	57.0	27.5	0.0
-62.5°	103.5	52.8	25.3	0.0
-65°	90.8	48.6	23.2	0.0
-67.5°	76.0	42.2	21.1	0.0
-70°	63.4	38.0	19.0	0.0
-72.5°	54.9	33.8	16.9	0.0
-75°	46.5	29.6	14.8	0.0
-77.5°	40.1	25.3	12.7	0.0
-80°	31.7	19.0	8.4	0.0
-82.5°	23.2	14.8	6.3	0.0
-85°	14.8	10.6	4.2	0.0
-87.5°	8.4	4.2	2.1	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)