

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: P722334

Luminaire Tested: **IFLD-L-SA8C-940-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722334
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8C-940-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (128) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

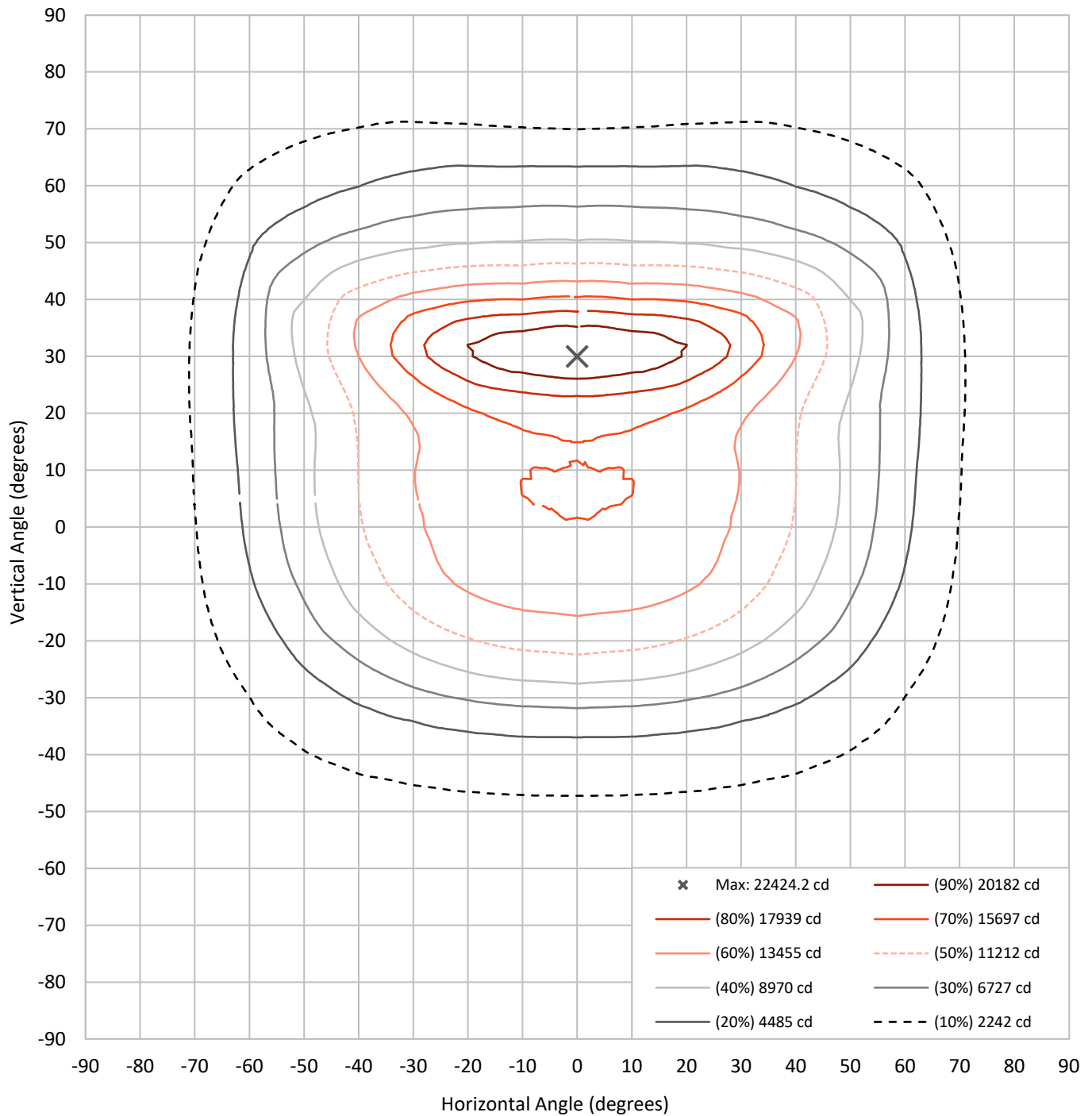
Lumens per Lamp: N/A	NEMA Type: 7H x 6V
Luminaire Lumens: 37431.7 lumens	Max Intensity: 22424.2 candela
Efficiency: N/A	Max Intensity Angle: 0°H x 30°V
Efficacy: 89.1 lumens/watt	
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')	
Beam Angle (50%): 90.8°H x 68.8°V	Field Angle (10%): 142°H x 117.1°V
Beam Lumens: 21767 lumens	Field Lumens: 35078.3 lumens
Beam Efficiency: 58.2%	Field Efficiency: 93.7%

Input Watts (W): 420.3
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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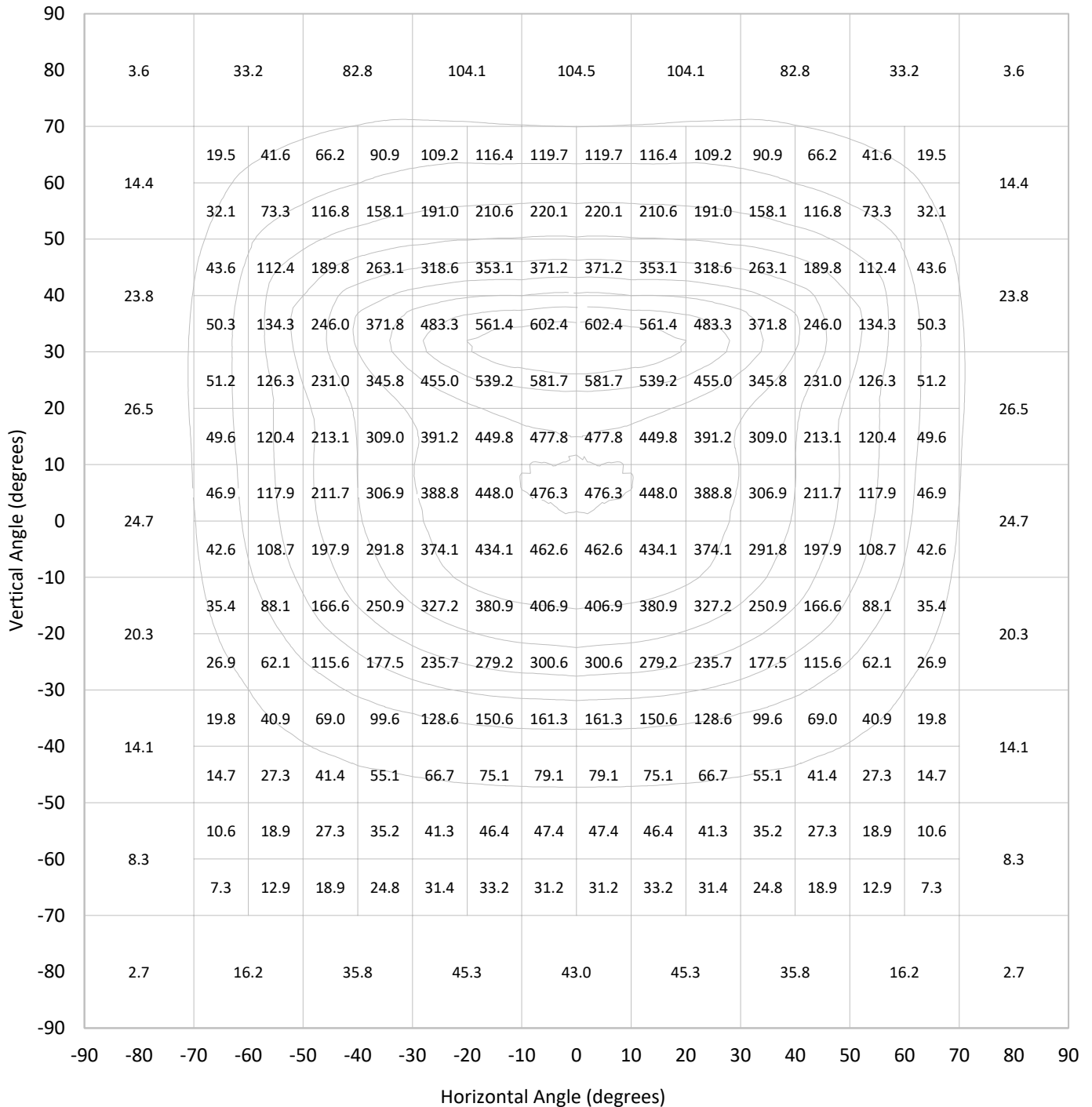
Iso-Candela Plot





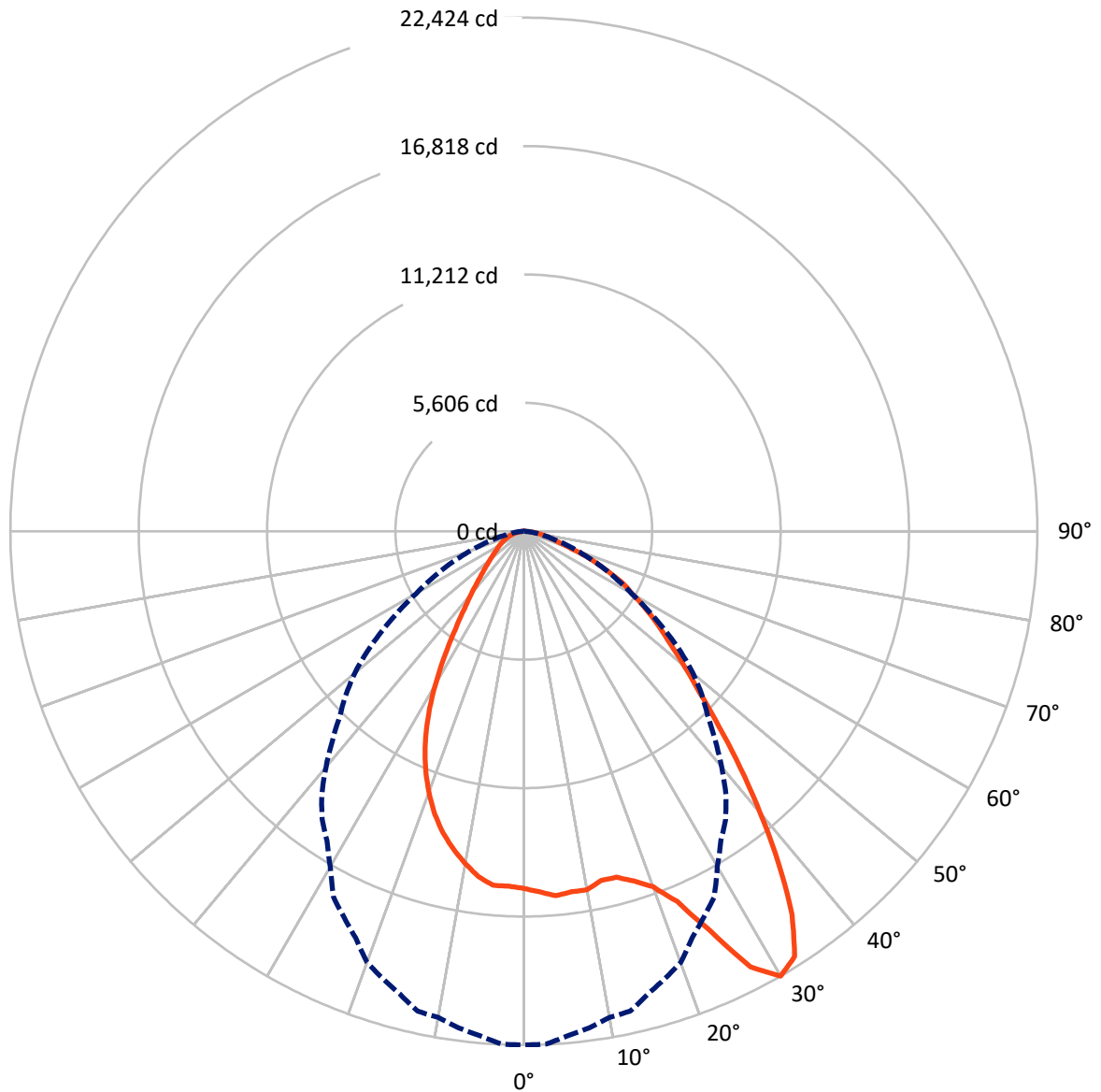
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Lumen Table



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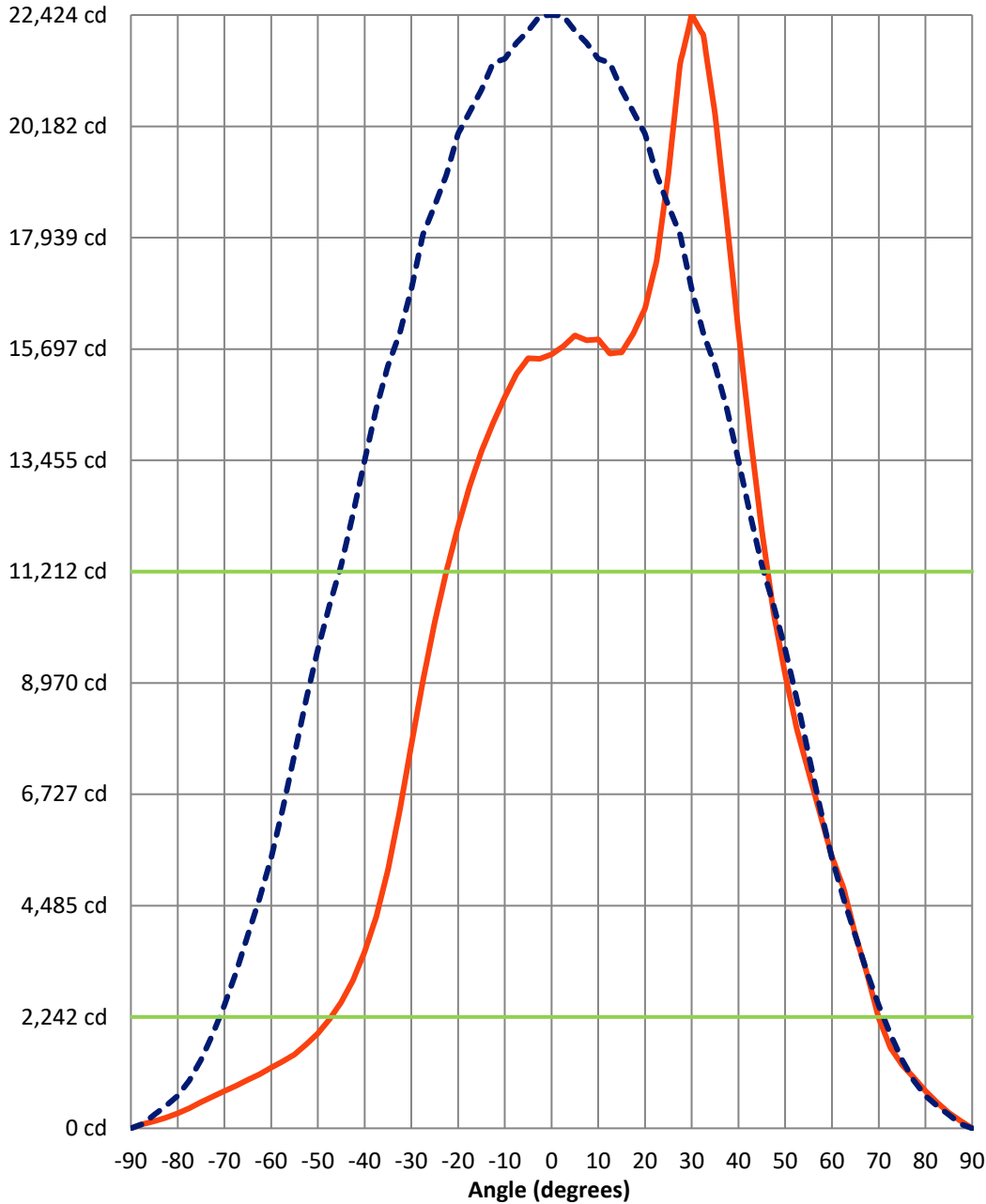
Luminous Intensity Polar Plot



— 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: 21767
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 35078.3
 Efficiency: 93.7%

Spill:
 Lumens: 2353.3
 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°	150.7	154.6	158.6	158.6	154.6	154.6	154.6	150.7	154.6	154.6	154.6
85°	313.3	321.2	329.1	325.2	321.2	313.3	305.3	309.3	313.3	317.2	317.2
82.5°	519.5	531.4	539.3	535.3	527.4	519.5	511.5	515.5	523.4	527.4	527.4
80°	753.4	757.4	761.4	769.3	757.4	757.4	753.4	769.3	777.2	785.1	793.1
77.5°	1023.1	1027.0	1027.0	1031.0	1035.0	1038.9	1038.9	1066.7	1086.5	1098.4	1110.3
75°	1276.9	1288.7	1300.6	1312.5	1328.4	1336.3	1348.2	1387.9	1419.6	1443.4	1467.2
72.5°	1625.8	1641.7	1661.5	1689.3	1717.0	1736.8	1764.6	1812.2	1847.9	1871.7	1899.4
70°	2224.6	2240.4	2260.3	2280.1	2307.9	2327.7	2355.4	2414.9	2450.6	2466.5	2482.3
67.5°	3112.8	3152.5	3188.2	3148.5	3128.7	3100.9	3108.9	3164.4	3200.1	3223.9	3219.9
65°	3901.9	3929.7	3929.7	3925.7	3909.9	3874.2	3894.0	3961.4	4001.1	4020.9	3961.4
62.5°	4829.8	4829.8	4810.0	4841.7	4845.7	4821.9	4810.0	4814.0	4817.9	4829.8	4730.7
60°	5472.2	5511.9	5523.8	5551.5	5559.5	5559.5	5579.3	5595.2	5595.2	5571.4	5456.4
57.5°	6320.8	6396.2	6412.0	6392.2	6352.5	6301.0	6293.1	6269.3	6221.7	6174.1	6118.6
55°	7177.3	7217.0	7213.0	7201.1	7161.5	7102.0	7109.9	7078.2	7002.9	6943.4	6868.0
52.5°	8037.8	8133.0	8148.9	8125.1	8069.6	8006.1	8010.1	7974.4	7899.0	7835.6	7732.5
50°	9136.2	9215.5	9207.6	9168.0	9088.7	9041.1	9045.0	8977.6	8890.4	8870.6	8735.7
47.5°	10393.3	10484.5	10468.6	10413.1	10306.0	10286.2	10306.0	10218.8	10167.2	10123.6	9965.0
45°	12042.9	12149.9	12090.4	11983.4	11812.9	11832.7	11860.5	11844.6	11733.6	11618.6	11416.3
42.5°	13978.0	14045.4	13974.0	13866.9	13652.8	13692.5	13676.6	13581.4	13514.0	13323.7	13065.9
40°	16047.9	16194.6	16083.6	15917.0	15695.0	15754.5	15710.8	15587.9	15429.3	15191.4	14866.2
37.5°	18280.4	18395.4	18268.5	18074.2	17875.9	17856.1	17768.9	17578.5	17352.5	17090.8	16571.3
35°	20417.8	20715.2	20481.2	20171.9	19930.0	19838.8	19755.5	19315.4	19057.6	18633.3	17923.5
32.5°	22007.9	22226.0	21936.5	21615.3	21321.9	21195.0	20901.5	20378.1	20239.3	19347.1	18696.8
30°	22424.2	22408.4	22107.0	21861.1	21543.9	21456.7	20917.4	20473.3	20029.1	19204.3	18585.7
27.5°	21432.9	21333.8	21044.3	20830.2	20516.9	20413.8	19882.4	19644.5	18958.5	18260.6	17737.2
25°	19224.2	19275.7	19057.6	18950.6	18744.4	18522.3	18312.1	17990.9	17562.7	16952.0	16472.2
22.5°	17483.4	17550.8	17459.6	17332.7	17174.1	17051.1	16892.5	16642.7	16230.3	15853.6	15401.5
20°	16515.8	16496.0	16416.7	16321.5	16170.8	16083.6	15909.1	15698.9	15381.7	15056.6	14568.8
17.5°	16008.2	15885.3	15810.0	15774.3	15695.0	15584.0	15377.8	15163.6	14917.8	14549.0	14192.1
15°	15631.5	15651.4	15591.9	15564.1	15500.7	15346.0	15135.9	14961.4	14628.3	14441.9	14116.8
12.5°	15607.7	15587.9	15591.9	15580.0	15500.7	15302.4	15195.3	14973.3	14759.2	14513.3	14140.6
10°	15889.3	15679.1	15695.0	15750.5	15623.6	15465.0	15350.0	15108.1	14905.9	14592.6	14223.8
7.5°	15873.4	15766.4	15798.1	15706.9	15746.5	15552.2	15393.6	15151.7	14897.9	14564.8	14231.8
5°	15968.6	15806.0	15778.3	15786.2	15687.1	15540.3	15326.2	15096.2	14858.3	14485.5	14144.5
2.5°	15750.5	15774.3	15647.4	15599.8	15587.9	15342.1	15143.8	14921.7	14675.9	14346.8	14041.4
0°	15587.9	15631.5	15500.7	15433.3	15429.3	15219.1	15092.2	14838.5	14664.0	14390.4	14021.6
-2.5°	15500.7	15552.2	15568.1	15445.2	15326.2	15163.6	14949.5	14675.9	14390.4	14073.1	13755.9
-5°	15508.6	15405.5	15361.9	15401.5	15298.4	15135.9	14897.9	14656.1	14374.5	14033.5	13636.9
-7.5°	15195.3	15092.2	15084.3	15064.5	15040.7	14886.0	14687.8	14426.1	14140.6	13823.3	13454.5
-10°	14727.4	14652.1	14632.3	14612.4	14549.0	14457.8	14271.4	14033.5	13775.7	13458.5	13065.9
-12.5°	14208.0	14172.3	14096.9	14045.4	13981.9	13874.9	13696.4	13478.3	13220.6	12939.0	12602.0
-15°	13633.0	13565.6	13490.2	13446.6	13355.4	13228.5	13050.1	12847.8	12566.3	12288.7	11971.5
-17.5°	12939.0	12855.8	12772.5	12760.6	12697.2	12502.8	12336.3	12090.4	11844.6	11578.9	11269.6
-20°	12122.2	12007.2	11951.7	11919.9	11832.7	11689.9	11511.5	11285.5	11047.6	10793.8	10436.9



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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°	11218.1	11118.9	11023.8	10964.3	10888.9	10777.9	10607.4	10409.1	10175.2	9889.7	9560.5
-25°	10191.0	10052.2	9992.8	9925.4	9885.7	9782.6	9616.1	9433.6	9191.8	8914.2	8600.9
-27.5°	9017.3	8906.2	8874.5	8779.4	8731.8	8624.7	8485.9	8315.4	8093.3	7831.6	7573.9
-30°	7720.6	7653.2	7601.6	7506.5	7470.8	7355.8	7264.6	7121.8	6919.6	6733.2	6527.0
-32.5°	6388.2	6320.8	6305.0	6261.3	6237.5	6162.2	6059.1	5956.0	5793.4	5654.6	5488.1
-35°	5206.5	5159.0	5162.9	5159.0	5135.2	5079.7	4952.8	4925.0	4806.0	4679.2	4572.1
-37.5°	4262.8	4266.8	4262.8	4258.8	4227.1	4203.3	4112.1	4076.4	4005.0	3882.1	3818.7
-40°	3553.0	3560.9	3556.9	3549.0	3513.3	3501.4	3442.0	3394.4	3366.6	3279.4	3212.0
-42.5°	2978.0	2989.9	2985.9	2982.0	2958.2	2954.2	2922.5	2867.0	2851.1	2799.6	2728.2
-45°	2541.8	2537.8	2529.9	2537.8	2525.9	2514.1	2494.2	2458.5	2438.7	2414.9	2355.4
-47.5°	2196.8	2200.8	2192.9	2192.9	2177.0	2165.1	2157.2	2133.4	2117.5	2097.7	2062.0
-50°	1911.3	1927.2	1923.2	1919.2	1907.3	1899.4	1899.4	1875.6	1851.8	1843.9	1820.1
-52.5°	1689.3	1701.1	1705.1	1713.0	1717.0	1721.0	1709.1	1685.3	1645.6	1641.7	1629.8
-55°	1487.0	1522.7	1546.5	1562.4	1578.2	1590.1	1566.3	1534.6	1494.9	1479.1	1475.1
-57.5°	1348.2	1383.9	1411.7	1435.5	1455.3	1475.1	1451.3	1419.6	1383.9	1364.1	1360.1
-60°	1221.3	1253.1	1280.8	1312.5	1340.3	1372.0	1360.1	1336.3	1316.5	1300.6	1284.8
-62.5°	1086.5	1118.2	1150.0	1189.6	1225.3	1257.0	1261.0	1257.0	1253.1	1257.0	1229.3
-65°	975.5	991.3	1011.2	1054.8	1094.4	1130.1	1150.0	1161.9	1181.7	1201.5	1173.8
-67.5°	856.5	876.3	900.1	931.9	963.6	987.4	1015.1	1046.9	1078.6	1110.3	1090.5
-70°	749.5	765.3	785.1	801.0	820.8	836.7	860.5	896.2	931.9	963.6	955.7
-72.5°	638.4	654.3	666.2	674.1	686.0	693.9	705.8	737.6	761.4	777.2	777.2
-75°	527.4	543.3	555.2	559.1	567.0	571.0	578.9	590.8	602.7	606.7	610.7
-77.5°	404.5	420.3	432.2	440.2	448.1	456.0	460.0	467.9	471.9	471.9	475.8
-80°	301.4	313.3	321.2	333.1	337.1	345.0	352.9	356.9	360.8	360.8	364.8
-82.5°	214.1	222.1	230.0	237.9	245.9	249.8	257.7	261.7	265.7	269.6	273.6
-85°	142.8	150.7	158.6	166.5	170.5	174.5	178.4	182.4	186.4	190.3	194.3
-87.5°	83.3	87.2	91.2	99.1	103.1	111.0	115.0	111.0	115.0	115.0	115.0
-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°	154.6	154.6	154.6	154.6	150.7	142.8	138.8	130.9	122.9	115.0	107.1
85°	321.2	325.2	325.2	325.2	317.2	313.3	301.4	289.5	273.6	249.8	230.0
82.5°	535.3	539.3	539.3	535.3	527.4	515.5	499.6	479.8	448.1	416.4	388.6
80°	805.0	808.9	808.9	805.0	785.1	765.3	745.5	721.7	682.0	638.4	590.8
77.5°	1126.2	1134.1	1134.1	1122.2	1094.4	1070.7	1038.9	999.3	939.8	876.3	812.9
75°	1498.9	1518.7	1522.7	1510.8	1475.1	1431.5	1380.0	1312.5	1221.3	1142.0	1066.7
72.5°	1931.1	1951.0	1966.8	1951.0	1899.4	1839.9	1764.6	1685.3	1594.1	1487.0	1360.1
70°	2498.2	2518.0	2529.9	2478.4	2387.2	2288.0	2196.8	2105.6	1998.6	1867.7	1728.9
67.5°	3212.0	3192.1	3168.3	3065.2	2950.2	2831.3	2704.4	2569.6	2430.8	2292.0	2129.4
65°	3898.0	3842.5	3790.9	3668.0	3521.3	3366.6	3219.9	3069.2	2902.7	2728.2	2573.5
62.5°	4619.7	4500.7	4373.8	4223.1	4072.4	3901.9	3755.2	3576.8	3390.4	3176.3	2978.0
60°	5329.5	5186.7	5059.8	4873.5	4675.2	4445.2	4286.6	4112.1	3894.0	3664.0	3430.1
57.5°	6015.5	5860.8	5722.0	5559.5	5345.3	5095.5	4921.0	4695.0	4465.0	4175.5	3937.6
55°	6745.1	6590.5	6479.4	6297.0	6063.1	5833.1	5642.7	5404.8	5083.6	4774.3	4480.9
52.5°	7581.8	7458.9	7339.9	7153.5	6872.0	6638.0	6427.9	6162.2	5825.1	5444.5	5091.6
50°	8517.6	8454.2	8327.3	8109.2	7788.0	7581.8	7304.2	6951.3	6590.5	6190.0	5749.8
47.5°	9758.8	9655.7	9477.3	9239.3	8969.7	8660.4	8287.6	7875.2	7363.7	6919.6	6451.7
45°	11241.9	11051.5	10821.5	10500.3	10167.2	9818.3	9409.9	8886.4	8200.4	7621.5	7129.8
42.5°	12847.8	12590.1	12276.8	11856.5	11424.3	10996.0	10555.8	9842.1	8985.6	8319.4	7764.2
40°	14525.2	14196.1	13803.5	13192.8	12713.0	12161.8	11658.2	10591.5	9679.5	8957.8	8367.0
37.5°	16166.9	15750.5	15092.2	14350.7	13791.6	13339.5	12233.2	11091.2	10274.3	9481.2	8882.5
35°	17423.9	17071.0	15909.1	15139.8	14660.0	13946.2	12562.3	11392.5	10528.1	9869.8	8938.0
32.5°	18169.4	17257.3	16238.2	15461.0	15064.5	13894.7	12586.1	11479.8	10647.0	9909.5	8795.2
30°	18002.8	16900.5	16008.2	15357.9	14497.4	13446.6	12364.1	11345.0	10536.0	9643.8	8636.6
27.5°	16999.6	16147.0	15350.0	14671.9	13827.3	12883.5	11884.2	10988.1	10234.7	9370.2	8418.5
25°	15865.5	15092.2	14501.4	13910.6	13109.6	12209.4	11329.1	10682.7	9925.4	9072.8	8133.0
22.5°	14822.6	14267.4	13803.5	13184.9	12403.7	11618.6	11071.3	10401.2	9624.0	8759.5	7839.6
20°	14156.4	13779.7	13248.3	12566.3	11951.7	11460.0	10853.2	10143.4	9342.4	8438.3	7589.7
17.5°	13835.2	13399.0	12808.2	12364.1	11892.2	11352.9	10674.8	9921.4	9068.8	8291.6	7617.5
15°	13668.7	13208.7	12820.1	12383.9	11852.5	11285.5	10532.1	9750.9	9068.8	8351.1	7637.3
12.5°	13704.4	13307.8	12883.5	12407.7	11836.7	11230.0	10547.9	9822.3	9116.4	8394.7	7641.3
10°	13815.4	13399.0	12947.0	12419.6	11844.6	11245.8	10591.5	9865.9	9140.2	8414.5	7633.4
7.5°	13855.0	13403.0	12919.2	12387.9	11824.8	11237.9	10599.5	9877.8	9144.2	8410.6	7609.6
5°	13732.1	13323.7	12855.8	12320.4	11769.3	11198.2	10567.7	9861.9	9112.4	8370.9	7550.1
2.5°	13565.6	13236.4	12788.4	12272.9	11713.7	11142.7	10516.2	9790.5	9041.1	8299.5	7474.7
0°	13537.8	13129.4	12677.3	12217.3	11622.5	11019.8	10397.2	9655.7	8910.2	8164.7	7343.9
-2.5°	13355.4	12923.2	12471.1	11971.5	11448.1	10841.4	10187.1	9461.4	8723.8	7990.2	7201.1
-5°	13216.6	12736.8	12257.0	11717.7	11190.3	10583.6	9905.5	9199.7	8478.0	7764.2	7002.9
-7.5°	13030.2	12538.5	12034.9	11471.8	10900.8	10282.2	9612.1	8906.2	8196.4	7486.6	6757.0
-10°	12653.5	12221.3	11749.4	11166.5	10563.8	9945.2	9279.0	8585.1	7875.2	7157.5	6423.9
-12.5°	12197.5	11741.5	11226.0	10690.7	10151.4	9576.4	8910.2	8228.2	7514.4	6792.7	6063.1
-15°	11606.7	11158.6	10631.2	10107.8	9588.3	9037.1	8450.2	7835.6	7109.9	6400.1	5670.5
-17.5°	10869.1	10448.8	9976.9	9477.3	8961.8	8406.6	7835.6	7316.1	6638.0	5971.9	5250.2
-20°	10076.0	9683.5	9259.2	8787.3	8271.8	7728.5	7189.2	6646.0	6059.1	5472.2	4802.1



REPORT NUMBER: P722334

CATALOG NUMBER: IFLD-L-SA8C-940-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	9251.2	8854.7	8426.4	7986.3	7510.4	7006.8	6507.2	5987.7	5472.2	4940.9	4373.8
-25°	8299.5	7950.6	7558.0	7129.8	6705.5	6265.3	5789.5	5317.6	4877.4	4417.4	3953.5
-27.5°	7304.2	6983.0	6626.2	6253.4	5888.6	5519.8	5107.4	4671.2	4306.4	3925.7	3541.1
-30°	6257.4	5999.6	5710.1	5385.0	5103.4	4806.0	4461.1	4100.2	3767.1	3477.6	3168.3
-32.5°	5266.0	5047.9	4841.7	4627.6	4350.0	4120.0	3882.1	3616.4	3323.0	3049.4	2827.3
-35°	4413.5	4179.5	4092.3	3933.7	3735.4	3533.2	3358.7	3168.3	2946.3	2704.4	2522.0
-37.5°	3695.7	3556.9	3434.0	3346.8	3215.9	3053.3	2914.6	2775.8	2605.3	2422.8	2240.4
-40°	3136.6	3041.4	2906.6	2863.0	2779.7	2668.7	2525.9	2418.9	2303.9	2165.1	2010.4
-42.5°	2688.5	2617.2	2529.9	2454.6	2418.9	2339.6	2228.5	2125.4	2034.2	1939.1	1820.1
-45°	2319.7	2272.2	2216.6	2149.2	2121.5	2058.0	1978.7	1863.7	1812.2	1732.9	1645.6
-47.5°	2022.3	1998.6	1958.9	1915.3	1875.6	1828.0	1756.7	1685.3	1613.9	1562.4	1494.9
-50°	1788.4	1772.5	1748.7	1713.0	1661.5	1629.8	1582.2	1518.7	1451.3	1407.7	1360.1
-52.5°	1602.0	1586.2	1570.3	1542.5	1502.9	1471.2	1431.5	1380.0	1324.4	1280.8	1241.2
-55°	1459.3	1435.5	1423.6	1399.8	1368.1	1332.4	1296.7	1261.0	1213.4	1173.8	1134.1
-57.5°	1348.2	1316.5	1300.6	1280.8	1249.1	1213.4	1185.6	1150.0	1118.2	1074.6	1038.9
-60°	1261.0	1225.3	1193.6	1173.8	1146.0	1110.3	1082.5	1054.8	1023.1	987.4	943.8
-62.5°	1189.6	1146.0	1102.4	1078.6	1050.8	1019.1	991.3	963.6	931.9	896.2	856.5
-65°	1122.2	1070.7	1015.1	991.3	963.6	931.9	896.2	876.3	848.6	816.9	777.2
-67.5°	1038.9	983.4	935.8	908.1	880.3	852.6	820.8	801.0	773.2	733.6	693.9
-70°	916.0	880.3	848.6	824.8	801.0	777.2	745.5	713.8	682.0	646.4	610.7
-72.5°	761.4	749.5	745.5	733.6	705.8	678.1	646.4	614.6	586.9	559.1	531.4
-75°	614.6	622.6	630.5	626.5	598.8	571.0	543.3	515.5	495.7	471.9	448.1
-77.5°	487.7	495.7	503.6	503.6	483.8	467.9	448.1	428.3	412.4	392.6	368.8
-80°	376.7	388.6	400.5	408.4	392.6	380.7	364.8	349.0	333.1	317.2	301.4
-82.5°	285.5	297.4	309.3	317.2	305.3	297.4	285.5	273.6	261.7	245.9	234.0
-85°	206.2	214.1	222.1	226.0	218.1	210.2	202.2	194.3	186.4	174.5	166.5
-87.5°	119.0	122.9	126.9	130.9	122.9	115.0	111.0	103.1	99.1	91.2	87.2
-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-L-SA8C-940-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°	99.1	91.2	83.3	79.3	71.4	59.5	51.5	43.6	35.7	27.8	23.8
85°	210.2	190.3	166.5	154.6	138.8	122.9	107.1	91.2	75.3	59.5	43.6
82.5°	360.8	337.1	313.3	285.5	249.8	206.2	162.6	134.8	111.0	87.2	67.4
80°	543.3	499.6	460.0	424.3	384.6	329.1	269.6	214.1	150.7	115.0	87.2
77.5°	753.4	701.9	646.4	586.9	523.4	448.1	380.7	309.3	234.0	158.6	111.0
75°	991.3	923.9	848.6	765.3	682.0	582.9	487.7	404.5	317.2	222.1	134.8
72.5°	1257.0	1173.8	1082.5	971.5	840.7	725.7	610.7	499.6	396.5	281.5	182.4
70°	1598.0	1467.2	1332.4	1213.4	1046.9	864.5	729.6	602.7	471.9	345.0	230.0
67.5°	1962.9	1804.2	1641.7	1467.2	1257.0	1042.9	848.6	705.8	551.2	404.5	273.6
65°	2359.4	2161.1	1954.9	1760.6	1471.2	1217.4	999.3	805.0	626.5	460.0	317.2
62.5°	2767.8	2533.9	2296.0	2042.2	1709.1	1395.8	1142.0	916.0	697.9	511.5	356.9
60°	3204.0	2930.4	2640.9	2323.7	1935.1	1590.1	1276.9	1031.0	773.2	563.1	400.5
57.5°	3664.0	3366.6	3025.6	2597.3	2169.1	1776.5	1431.5	1134.1	840.7	610.7	432.2
55°	4163.7	3822.6	3449.9	2882.8	2399.1	1962.9	1586.2	1237.2	912.0	650.3	463.9
52.5°	4702.9	4306.4	3834.5	3184.2	2640.9	2153.2	1728.9	1328.4	979.4	693.9	491.7
50°	5305.7	4806.0	4171.6	3461.8	2851.1	2331.6	1871.7	1427.5	1035.0	741.5	515.5
47.5°	5932.2	5392.9	4473.0	3719.5	3065.2	2506.1	2018.4	1514.8	1090.5	781.2	539.3
45°	6586.5	5801.4	4786.2	3949.5	3251.6	2664.7	2129.4	1594.1	1157.9	816.9	559.1
42.5°	7232.9	6110.7	5059.8	4179.5	3426.1	2807.5	2220.6	1669.4	1213.4	852.6	578.9
40°	7538.2	6344.6	5277.9	4338.1	3572.8	2934.4	2299.9	1736.8	1261.0	876.3	598.8
37.5°	7665.1	6487.4	5420.7	4488.8	3687.8	3001.8	2367.3	1796.3	1300.6	900.1	614.6
35°	7692.8	6538.9	5492.1	4591.9	3783.0	3065.2	2418.9	1839.9	1332.4	923.9	630.5
32.5°	7641.3	6523.1	5511.9	4627.6	3842.5	3112.8	2454.6	1871.7	1356.2	947.7	646.4
30°	7526.3	6439.8	5440.5	4623.6	3886.1	3140.6	2478.4	1895.5	1380.0	963.6	654.3
27.5°	7339.9	6293.1	5349.3	4627.6	3909.9	3152.5	2490.3	1907.3	1395.8	975.5	670.1
25°	7109.9	6094.8	5353.3	4619.7	3913.8	3156.4	2490.3	1907.3	1399.8	979.4	682.0
22.5°	6844.2	6094.8	5353.3	4607.8	3890.0	3148.5	2478.4	1899.4	1399.8	987.4	693.9
20°	6860.1	6098.8	5341.4	4584.0	3854.4	3124.7	2450.6	1879.6	1387.9	999.3	701.9
17.5°	6872.0	6090.8	5317.6	4552.3	3806.8	3085.1	2414.9	1851.8	1387.9	1011.2	705.8
15°	6872.0	6067.0	5281.9	4504.7	3747.3	3029.6	2363.4	1828.0	1391.8	1015.1	713.8
12.5°	6860.1	6023.4	5226.4	4441.2	3675.9	2962.1	2331.6	1820.1	1391.8	1019.1	713.8
10°	6836.3	5963.9	5155.0	4361.9	3608.5	2938.3	2315.8	1804.2	1383.9	1019.1	713.8
7.5°	6792.7	5892.6	5095.5	4314.3	3568.8	2910.6	2292.0	1780.5	1372.0	1011.2	721.7
5°	6725.3	5852.9	5047.9	4258.8	3513.3	2890.8	2276.1	1760.6	1364.1	1011.2	713.8
2.5°	6638.0	5805.3	4992.4	4187.4	3449.9	2823.4	2224.6	1717.0	1336.3	995.3	705.8
0°	6495.3	5710.1	4897.2	4088.3	3362.6	2755.9	2173.0	1673.4	1308.6	979.4	697.9
-2.5°	6364.4	5583.3	4774.3	3985.2	3279.4	2696.5	2133.4	1649.6	1296.7	975.5	693.9
-5°	6182.0	5408.8	4611.7	3850.4	3168.3	2637.0	2093.7	1621.8	1284.8	967.6	693.9
-7.5°	5979.8	5226.4	4441.2	3711.6	3057.3	2533.9	2018.4	1578.2	1257.0	951.7	690.0
-10°	5666.5	4952.8	4227.1	3553.0	2938.3	2442.7	1954.9	1538.6	1233.2	935.8	674.1
-12.5°	5333.4	4651.4	3981.2	3358.7	2803.5	2347.5	1883.6	1494.9	1205.5	920.0	666.2
-15°	4980.5	4342.1	3723.5	3156.4	2656.8	2232.5	1808.2	1447.4	1177.7	900.1	654.3
-17.5°	4611.7	4016.9	3457.8	2950.2	2510.1	2113.5	1728.9	1403.7	1146.0	880.3	642.4
-20°	4223.1	3683.8	3188.2	2740.1	2355.4	1994.6	1645.6	1352.2	1110.3	856.5	626.5



REPORT NUMBER: P722334

CATALOG NUMBER: IFLD-L-SA8C-940-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3838.5	3354.7	2910.6	2533.9	2196.8	1871.7	1562.4	1300.6	1070.7	828.8	614.6
-25°	3497.5	3045.4	2664.7	2335.6	2042.2	1752.7	1475.1	1249.1	1027.0	801.0	598.8
-27.5°	3164.4	2779.7	2422.8	2149.2	1891.5	1637.7	1391.8	1193.6	983.4	769.3	582.9
-30°	2855.1	2525.9	2232.5	1966.8	1748.7	1534.6	1320.5	1138.1	935.8	737.6	563.1
-32.5°	2573.5	2307.9	2062.0	1808.2	1613.9	1431.5	1253.1	1082.5	888.2	705.8	543.3
-35°	2311.8	2105.6	1891.5	1677.4	1479.1	1336.3	1181.7	1023.1	844.6	670.1	523.4
-37.5°	2077.9	1911.3	1740.8	1558.4	1387.9	1245.1	1114.3	963.6	801.0	638.4	503.6
-40°	1875.6	1740.8	1590.1	1443.4	1300.6	1165.8	1046.9	904.1	757.4	614.6	483.8
-42.5°	1689.3	1586.2	1463.2	1340.3	1213.4	1094.4	979.4	840.7	713.8	586.9	463.9
-45°	1546.5	1443.4	1344.3	1233.2	1126.2	1023.1	908.1	785.1	674.1	555.2	444.1
-47.5°	1411.7	1320.5	1229.3	1138.1	1050.8	955.7	840.7	737.6	630.5	527.4	428.3
-50°	1292.7	1205.5	1126.2	1046.9	971.5	880.3	773.2	690.0	594.8	499.6	408.4
-52.5°	1181.7	1106.3	1027.0	963.6	900.1	808.9	721.7	642.4	559.1	467.9	388.6
-55°	1082.5	1011.2	939.8	880.3	820.8	741.5	670.1	602.7	523.4	444.1	368.8
-57.5°	987.4	927.9	860.5	805.0	745.5	682.0	622.6	559.1	487.7	420.3	349.0
-60°	900.1	844.6	785.1	729.6	678.1	626.5	571.0	519.5	456.0	392.6	329.1
-62.5°	812.9	765.3	713.8	658.3	618.6	571.0	527.4	475.8	424.3	368.8	293.4
-65°	733.6	690.0	642.4	594.8	559.1	523.4	483.8	436.2	392.6	341.0	261.7
-67.5°	654.3	614.6	575.0	535.3	503.6	475.8	436.2	400.5	364.8	309.3	230.0
-70°	578.9	547.2	511.5	479.8	456.0	424.3	396.5	364.8	333.1	269.6	194.3
-72.5°	507.6	475.8	448.1	424.3	404.5	376.7	352.9	329.1	285.5	226.0	162.6
-75°	424.3	404.5	388.6	368.8	349.0	329.1	309.3	281.5	237.9	182.4	126.9
-77.5°	349.0	337.1	325.2	309.3	293.4	277.6	253.8	226.0	190.3	142.8	103.1
-80°	285.5	273.6	265.7	249.8	237.9	222.1	198.3	174.5	138.8	111.0	83.3
-82.5°	218.1	210.2	202.2	194.3	182.4	166.5	142.8	122.9	103.1	83.3	63.4
-85°	154.6	150.7	142.8	134.8	122.9	111.0	95.2	83.3	71.4	55.5	43.6
-87.5°	79.3	75.3	71.4	67.4	63.4	55.5	47.6	39.7	35.7	27.8	19.8
-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):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	15.9	11.9	4.0	0.0
85°	31.7	19.8	7.9	0.0
82.5°	47.6	31.7	11.9	0.0
80°	63.4	39.7	19.8	0.0
77.5°	79.3	47.6	23.8	0.0
75°	95.2	59.5	27.8	0.0
72.5°	107.1	67.4	31.7	0.0
70°	126.9	79.3	35.7	0.0
67.5°	158.6	87.2	39.7	0.0
65°	186.4	95.2	43.6	0.0
62.5°	218.1	103.1	47.6	0.0
60°	245.9	111.0	51.5	0.0
57.5°	273.6	130.9	55.5	0.0
55°	297.4	146.7	59.5	0.0
52.5°	325.2	162.6	63.4	0.0
50°	349.0	178.4	67.4	0.0
47.5°	368.8	194.3	67.4	0.0
45°	384.6	206.2	71.4	0.0
42.5°	396.5	218.1	75.3	0.0
40°	408.4	230.0	79.3	0.0
37.5°	420.3	241.9	79.3	0.0
35°	432.2	253.8	83.3	0.0
32.5°	444.1	265.7	83.3	0.0
30°	452.1	273.6	87.2	0.0
27.5°	463.9	281.5	87.2	0.0
25°	467.9	289.5	91.2	0.0
22.5°	475.8	293.4	91.2	0.0
20°	483.8	301.4	91.2	0.0
17.5°	487.7	305.3	95.2	0.0
15°	487.7	309.3	99.1	0.0
12.5°	491.7	313.3	99.1	0.0
10°	491.7	321.2	95.2	0.0
7.5°	499.6	317.2	95.2	0.0
5°	495.7	317.2	95.2	0.0
2.5°	491.7	313.3	95.2	0.0
0°	487.7	313.3	95.2	0.0
-2.5°	487.7	313.3	95.2	0.0
-5°	487.7	313.3	95.2	0.0
-7.5°	483.8	317.2	95.2	0.0
-10°	475.8	317.2	95.2	0.0
-12.5°	471.9	305.3	95.2	0.0
-15°	467.9	301.4	95.2	0.0
-17.5°	460.0	297.4	91.2	0.0
-20°	452.1	293.4	91.2	0.0



REPORT NUMBER: P722334

CATALOG NUMBER: IFLD-L-SA8C-940-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	444.1	285.5	91.2	0.0
-25°	436.2	277.6	87.2	0.0
-27.5°	428.3	269.6	87.2	0.0
-30°	416.4	261.7	83.3	0.0
-32.5°	404.5	253.8	83.3	0.0
-35°	396.5	241.9	79.3	0.0
-37.5°	384.6	230.0	79.3	0.0
-40°	372.7	218.1	75.3	0.0
-42.5°	360.8	206.2	71.4	0.0
-45°	345.0	194.3	71.4	0.0
-47.5°	333.1	182.4	67.4	0.0
-50°	313.3	166.5	63.4	0.0
-52.5°	289.5	150.7	59.5	0.0
-55°	265.7	138.8	55.5	0.0
-57.5°	241.9	122.9	55.5	0.0
-60°	218.1	107.1	51.5	0.0
-62.5°	194.3	99.1	47.6	0.0
-65°	170.5	91.2	43.6	0.0
-67.5°	142.8	79.3	39.7	0.0
-70°	119.0	71.4	35.7	0.0
-72.5°	103.1	63.4	31.7	0.0
-75°	87.2	55.5	27.8	0.0
-77.5°	75.3	47.6	23.8	0.0
-80°	59.5	35.7	15.9	0.0
-82.5°	43.6	27.8	11.9	0.0
-85°	27.8	19.8	7.9	0.0
-87.5°	15.9	7.9	4.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)