

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: P722294

Luminaire Tested: **IFLD-M-SA4B-935-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722294
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4B-935-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (64) 3500K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

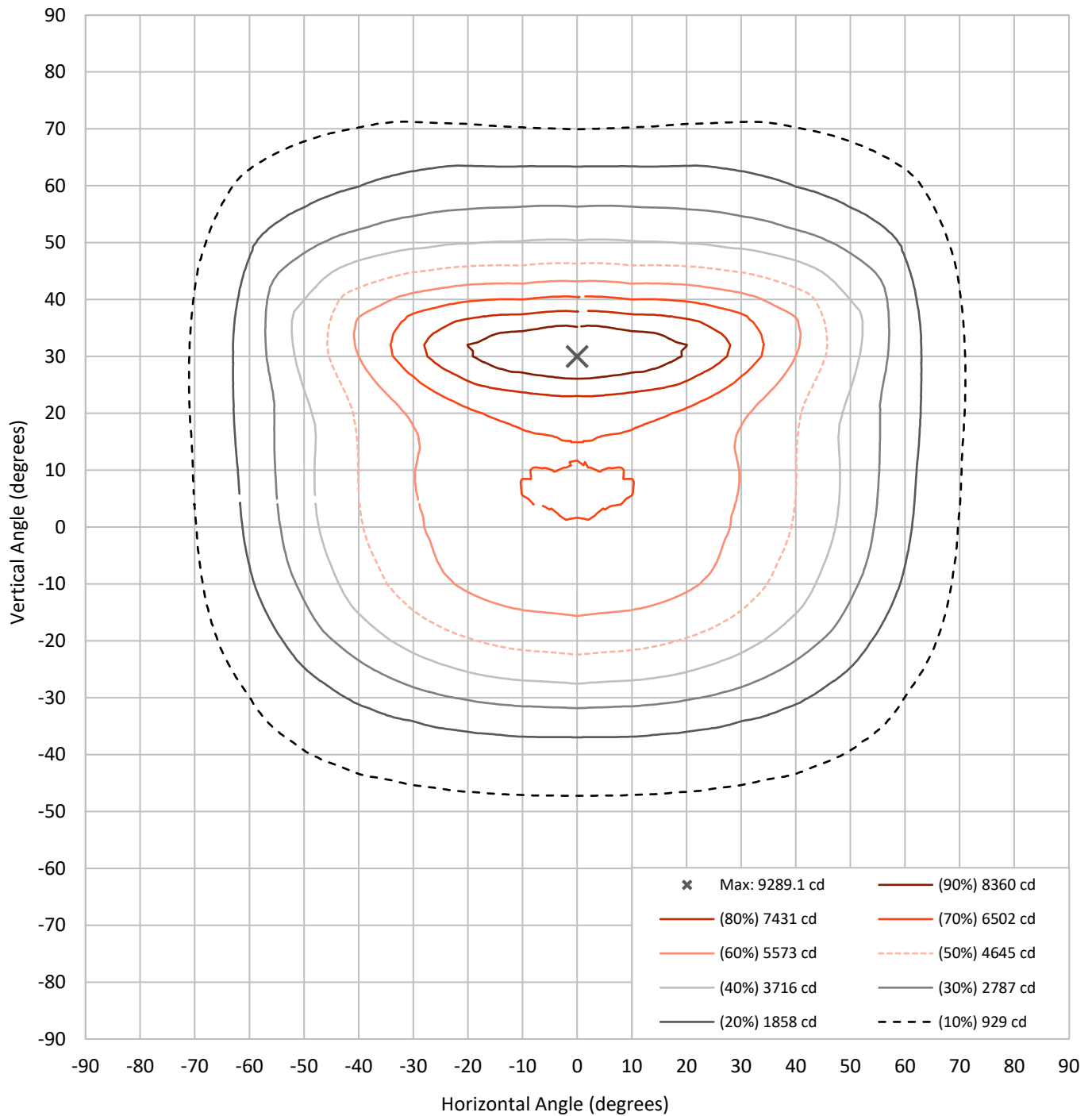
Lumens per Lamp: N/A	NEMA Type: 7H x 6V
Luminaire Lumens: 15505.9 lumens	Max Intensity: 9289.1 candela
Efficiency: N/A	Max Intensity Angle: 0°H x 30°V
Efficacy: 93.4 lumens/watt	
Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')	
Beam Angle (50%): 90.8°H x 68.8°V	Field Angle (10%): 142°H x 117.1°V
Beam Lumens: 9016.8 lumens	Field Lumens: 14531 lumens
Beam Efficiency: 58.2%	Field Efficiency: 93.7%

Input Watts (W): 166.1
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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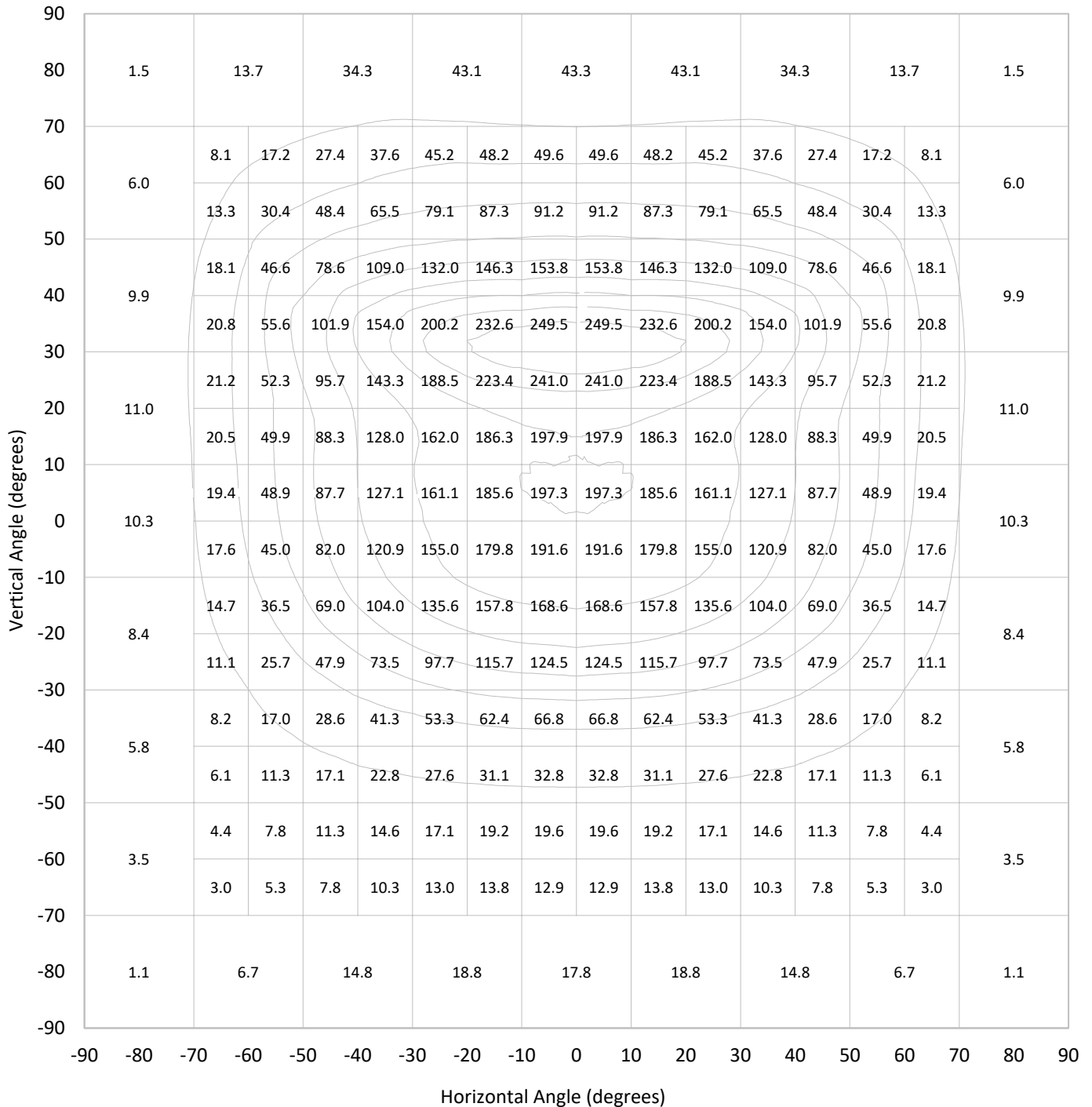
Iso-Candela Plot





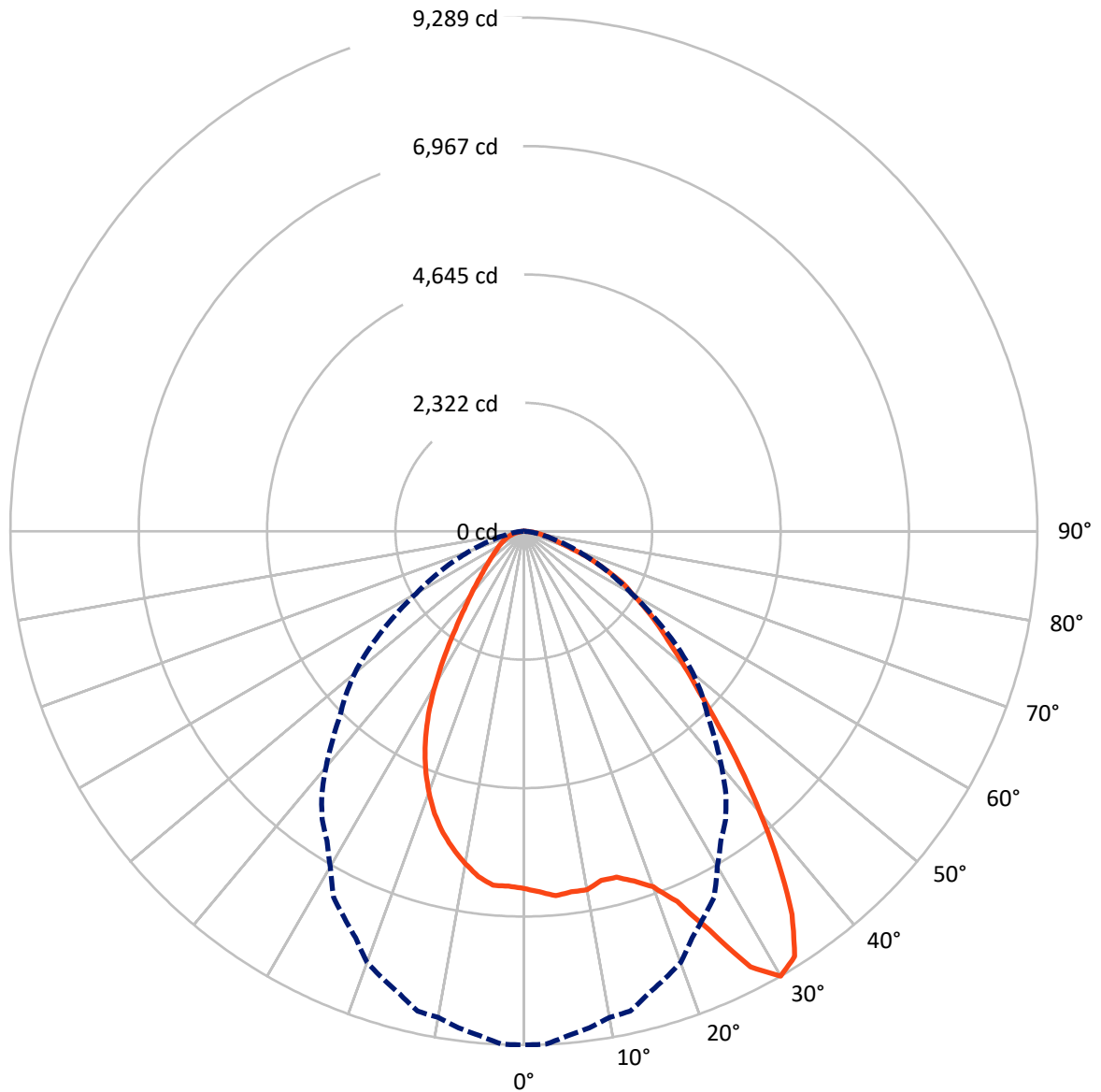
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Lumen Table



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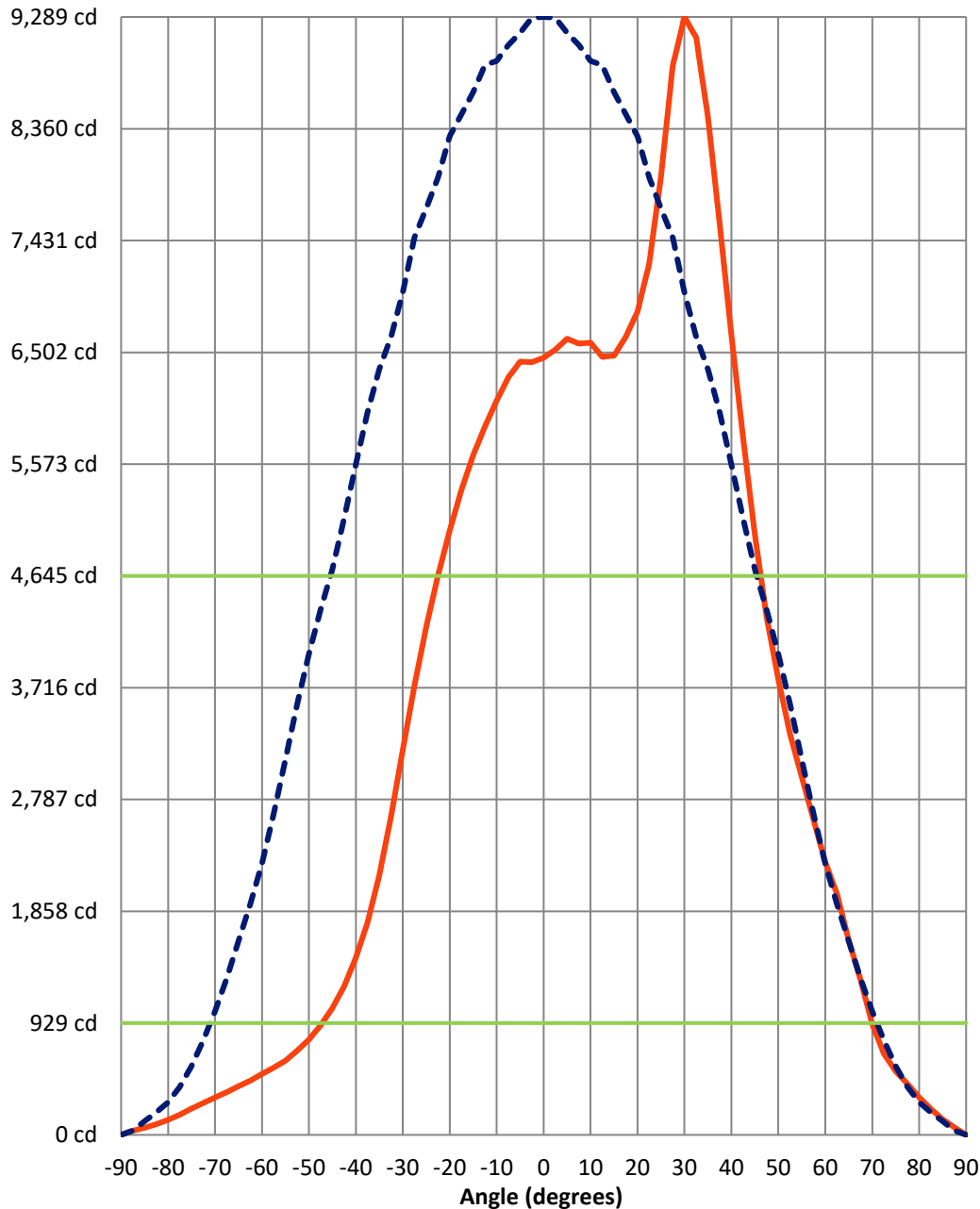
Luminous Intensity Polar Plot



— 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: 9016.8
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 14531
 Efficiency: 93.7%

Spill:
 Lumens: 974.9
 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°	62.4	64.1	65.7	65.7	64.1	64.1	64.1	62.4	64.1	64.1	64.1
85°	129.8	133.1	136.3	134.7	133.1	129.8	126.5	128.1	129.8	131.4	131.4
82.5°	215.2	220.1	223.4	221.8	218.5	215.2	211.9	213.5	216.8	218.5	218.5
80°	312.1	313.7	315.4	318.7	313.7	313.7	312.1	318.7	322.0	325.2	328.5
77.5°	423.8	425.4	425.4	427.1	428.7	430.4	430.4	441.9	450.1	455.0	459.9
75°	528.9	533.9	538.8	543.7	550.3	553.6	558.5	574.9	588.1	597.9	607.8
72.5°	673.5	680.1	688.3	699.8	711.3	719.5	731.0	750.7	765.5	775.3	786.8
70°	921.5	928.1	936.3	944.5	956.0	964.2	975.7	1000.4	1015.1	1021.7	1028.3
67.5°	1289.5	1305.9	1320.7	1304.3	1296.0	1284.5	1287.8	1310.8	1325.6	1335.5	1333.8
65°	1616.4	1627.9	1627.9	1626.2	1619.6	1604.9	1613.1	1641.0	1657.4	1665.6	1641.0
62.5°	2000.7	2000.7	1992.5	2005.7	2007.3	1997.4	1992.5	1994.2	1995.8	2000.7	1959.7
60°	2266.8	2283.3	2288.2	2299.7	2303.0	2303.0	2311.2	2317.8	2317.8	2307.9	2260.3
57.5°	2618.4	2649.6	2656.1	2647.9	2631.5	2610.1	2606.9	2597.0	2577.3	2557.6	2534.6
55°	2973.2	2989.6	2988.0	2983.0	2966.6	2942.0	2945.2	2932.1	2900.9	2876.3	2845.0
52.5°	3329.6	3369.0	3375.6	3365.8	3342.8	3316.5	3318.1	3303.3	3272.1	3245.8	3203.1
50°	3784.6	3817.5	3814.2	3797.8	3764.9	3745.2	3746.9	3718.9	3682.8	3674.6	3618.7
47.5°	4305.3	4343.1	4336.6	4313.6	4269.2	4261.0	4269.2	4233.1	4211.7	4193.7	4127.9
45°	4988.7	5033.0	5008.4	4964.0	4893.4	4901.6	4913.1	4906.6	4860.6	4812.9	4729.1
42.5°	5790.3	5818.2	5788.7	5744.3	5655.6	5672.0	5665.5	5626.0	5598.1	5519.3	5412.5
40°	6647.7	6708.5	6662.5	6593.5	6501.6	6526.2	6508.1	6457.2	6391.5	6292.9	6158.2
37.5°	7572.6	7620.2	7567.6	7487.1	7405.0	7396.8	7360.7	7281.8	7188.2	7079.8	6864.6
35°	8457.9	8581.1	8484.2	8356.1	8255.9	8218.1	8183.6	8001.3	7894.5	7718.7	7424.7
32.5°	9116.6	9207.0	9087.1	8954.0	8832.5	8779.9	8658.3	8441.5	8384.0	8014.4	7745.0
30°	9289.1	9282.5	9157.7	9055.9	8924.4	8888.3	8664.9	8480.9	8297.0	7955.3	7699.0
27.5°	8878.4	8837.4	8717.5	8628.8	8499.0	8456.3	8236.2	8137.6	7853.4	7564.3	7347.5
25°	7963.5	7984.9	7894.5	7850.2	7764.7	7672.8	7585.7	7452.6	7275.2	7022.3	6823.5
22.5°	7242.4	7270.3	7232.5	7180.0	7114.3	7063.3	6997.6	6894.1	6723.3	6567.3	6380.0
20°	6841.6	6833.4	6800.5	6761.1	6698.7	6662.5	6590.3	6503.2	6371.8	6237.1	6035.0
17.5°	6631.3	6580.4	6549.2	6534.4	6501.6	6455.6	6370.1	6281.4	6179.6	6026.8	5879.0
15°	6475.3	6483.5	6458.8	6447.3	6421.1	6357.0	6269.9	6197.7	6059.7	5982.5	5847.8
12.5°	6465.4	6457.2	6458.8	6453.9	6421.1	6338.9	6294.6	6202.6	6113.9	6012.0	5857.6
10°	6582.0	6495.0	6501.6	6524.6	6472.0	6406.3	6358.6	6258.4	6174.7	6044.9	5892.1
7.5°	6575.5	6531.1	6544.3	6506.5	6522.9	6442.4	6376.7	6276.5	6171.4	6033.4	5895.4
5°	6614.9	6547.5	6536.0	6539.3	6498.3	6437.5	6348.8	6253.5	6155.0	6000.6	5859.3
2.5°	6524.6	6534.4	6481.8	6462.1	6457.2	6355.4	6273.2	6181.2	6079.4	5943.1	5816.6
0°	6457.2	6475.3	6421.1	6393.1	6391.5	6304.4	6251.9	6146.7	6074.5	5961.1	5808.4
-2.5°	6421.1	6442.4	6449.0	6398.1	6348.8	6281.4	6192.7	6079.4	5961.1	5829.7	5698.3
-5°	6424.4	6381.6	6363.6	6380.0	6337.3	6269.9	6171.4	6071.2	5954.6	5813.3	5649.0
-7.5°	6294.6	6251.9	6248.6	6240.4	6230.5	6166.5	6084.3	5975.9	5857.6	5726.2	5573.5
-10°	6100.8	6069.5	6061.3	6053.1	6026.8	5989.1	5911.8	5813.3	5706.5	5575.1	5412.5
-12.5°	5885.6	5870.8	5839.6	5818.2	5791.9	5747.6	5673.7	5583.3	5476.5	5359.9	5220.3
-15°	5647.4	5619.5	5588.2	5570.2	5532.4	5479.8	5405.9	5322.1	5205.5	5090.5	4959.1
-17.5°	5359.9	5325.4	5290.9	5286.0	5259.7	5179.2	5110.2	5008.4	4906.6	4796.5	4668.4
-20°	5021.5	4973.9	4950.9	4937.8	4901.6	4842.5	4768.6	4674.9	4576.4	4471.3	4323.4



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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°	4647.0	4606.0	4566.5	4541.9	4510.7	4464.7	4394.1	4311.9	4215.0	4096.7	3960.4
-25°	4221.6	4164.1	4139.4	4111.5	4095.1	4052.4	3983.4	3907.8	3807.6	3692.6	3562.9
-27.5°	3735.4	3689.4	3676.2	3636.8	3617.1	3572.7	3515.2	3444.6	3352.6	3244.2	3137.4
-30°	3198.2	3170.3	3148.9	3109.5	3094.7	3047.1	3009.3	2950.2	2866.4	2789.2	2703.8
-32.5°	2646.3	2618.4	2611.8	2593.7	2583.9	2552.7	2509.9	2467.2	2399.9	2342.4	2273.4
-35°	2156.8	2137.1	2138.7	2137.1	2127.2	2104.2	2051.7	2040.2	1990.9	1938.3	1894.0
-37.5°	1765.8	1767.5	1765.8	1764.2	1751.1	1741.2	1703.4	1688.6	1659.1	1608.1	1581.9
-40°	1471.8	1475.1	1473.4	1470.2	1455.4	1450.4	1425.8	1406.1	1394.6	1358.5	1330.5
-42.5°	1233.6	1238.5	1236.9	1235.3	1225.4	1223.8	1210.6	1187.6	1181.1	1159.7	1130.1
-45°	1052.9	1051.3	1048.0	1051.3	1046.4	1041.4	1033.2	1018.4	1010.2	1000.4	975.7
-47.5°	910.0	911.7	908.4	908.4	901.8	896.9	893.6	883.7	877.2	869.0	854.2
-50°	791.8	798.3	796.7	795.0	790.1	786.8	786.8	777.0	767.1	763.8	754.0
-52.5°	699.8	704.7	706.3	709.6	711.3	712.9	708.0	698.1	681.7	680.1	675.1
-55°	616.0	630.8	640.6	647.2	653.8	658.7	648.8	635.7	619.3	612.7	611.1
-57.5°	558.5	573.3	584.8	594.6	602.8	611.1	601.2	588.1	573.3	565.1	563.4
-60°	505.9	519.1	530.6	543.7	555.2	568.4	563.4	553.6	545.4	538.8	532.2
-62.5°	450.1	463.2	476.4	492.8	507.6	520.7	522.4	520.7	519.1	520.7	509.2
-65°	404.1	410.7	418.9	436.9	453.4	468.2	476.4	481.3	489.5	497.7	486.2
-67.5°	354.8	363.0	372.9	386.0	399.2	409.0	420.5	433.7	446.8	459.9	451.7
-70°	310.5	317.0	325.2	331.8	340.0	346.6	356.5	371.2	386.0	399.2	395.9
-72.5°	264.5	271.0	276.0	279.2	284.2	287.5	292.4	305.5	315.4	322.0	322.0
-75°	218.5	225.0	230.0	231.6	234.9	236.5	239.8	244.8	249.7	251.3	253.0
-77.5°	167.5	174.1	179.0	182.3	185.6	188.9	190.5	193.8	195.5	195.5	197.1
-80°	124.8	129.8	133.1	138.0	139.6	142.9	146.2	147.8	149.5	149.5	151.1
-82.5°	88.7	92.0	95.3	98.6	101.8	103.5	106.8	108.4	110.1	111.7	113.3
-85°	59.1	62.4	65.7	69.0	70.6	72.3	73.9	75.6	77.2	78.8	80.5
-87.5°	34.5	36.1	37.8	41.1	42.7	46.0	47.6	46.0	47.6	47.6	47.6
-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°	64.1	64.1	64.1	64.1	62.4	59.1	57.5	54.2	50.9	47.6	44.4
85°	133.1	134.7	134.7	134.7	131.4	129.8	124.8	119.9	113.3	103.5	95.3
82.5°	221.8	223.4	223.4	221.8	218.5	213.5	207.0	198.8	185.6	172.5	161.0
80°	333.5	335.1	335.1	333.5	325.2	317.0	308.8	299.0	282.5	264.5	244.8
77.5°	466.5	469.8	469.8	464.9	453.4	443.5	430.4	413.9	389.3	363.0	336.7
75°	620.9	629.1	630.8	625.8	611.1	593.0	571.6	543.7	505.9	473.1	441.9
72.5°	800.0	808.2	814.7	808.2	786.8	762.2	731.0	698.1	660.3	616.0	563.4
70°	1034.9	1043.1	1048.0	1026.6	988.9	947.8	910.0	872.2	827.9	773.7	716.2
67.5°	1330.5	1322.3	1312.5	1269.8	1222.1	1172.8	1120.3	1064.4	1006.9	949.4	882.1
65°	1614.7	1591.7	1570.4	1519.4	1458.7	1394.6	1333.8	1271.4	1202.4	1130.1	1066.1
62.5°	1913.7	1864.4	1811.8	1749.4	1687.0	1616.4	1555.6	1481.7	1404.5	1315.8	1233.6
60°	2207.7	2148.6	2096.0	2018.8	1936.7	1841.4	1775.7	1703.4	1613.1	1517.8	1420.9
57.5°	2491.9	2427.8	2370.3	2303.0	2214.3	2110.8	2038.5	1944.9	1849.6	1729.7	1631.1
55°	2794.1	2730.1	2684.1	2608.5	2511.6	2416.3	2337.5	2238.9	2105.9	1977.7	1856.2
52.5°	3140.7	3089.8	3040.5	2963.3	2846.7	2749.8	2662.7	2552.7	2413.0	2255.3	2109.1
50°	3528.4	3502.1	3449.5	3359.2	3226.1	3140.7	3025.7	2879.5	2730.1	2564.2	2381.8
47.5°	4042.5	3999.8	3925.9	3827.3	3715.6	3587.5	3433.1	3262.3	3050.4	2866.4	2672.6
45°	4656.9	4578.0	4482.8	4349.7	4211.7	4067.2	3898.0	3681.1	3397.0	3157.1	2953.5
42.5°	5322.1	5215.4	5085.6	4911.5	4732.4	4555.0	4372.7	4077.0	3722.2	3446.3	3216.3
40°	6017.0	5880.6	5718.0	5465.1	5266.3	5038.0	4829.4	4387.5	4009.7	3710.7	3466.0
37.5°	6697.0	6524.6	6251.9	5944.7	5713.1	5525.8	5067.5	4594.5	4256.1	3927.5	3679.5
35°	7217.7	7071.5	6590.3	6271.6	6072.8	5777.2	5203.9	4719.3	4361.2	4088.5	3702.5
32.5°	7526.6	7148.8	6726.6	6404.6	6240.4	5755.8	5213.7	4755.4	4410.5	4104.9	3643.4
30°	7457.6	7000.9	6631.3	6361.9	6005.5	5570.2	5121.7	4699.6	4364.5	3994.9	3577.7
27.5°	7042.0	6688.8	6358.6	6077.8	5727.9	5336.9	4923.0	4551.7	4239.6	3881.5	3487.3
25°	6572.2	6251.9	6007.1	5762.4	5430.6	5057.7	4693.0	4425.3	4111.5	3758.4	3369.0
22.5°	6140.2	5910.2	5718.0	5461.8	5138.2	4812.9	4586.2	4308.6	3986.7	3628.6	3247.5
20°	5864.2	5708.2	5488.0	5205.5	4950.9	4747.2	4495.9	4201.9	3870.1	3495.5	3144.0
17.5°	5731.2	5550.5	5305.7	5121.7	4926.3	4702.9	4422.0	4109.9	3756.7	3434.8	3155.5
15°	5662.2	5471.6	5310.6	5130.0	4909.8	4674.9	4362.8	4039.2	3756.7	3459.4	3163.7
12.5°	5677.0	5512.7	5336.9	5139.8	4903.3	4651.9	4369.4	4068.8	3776.4	3477.5	3165.4
10°	5722.9	5550.5	5363.2	5144.7	4906.6	4658.5	4387.5	4086.9	3786.3	3485.7	3162.1
7.5°	5739.4	5552.1	5351.7	5131.6	4898.3	4655.2	4390.8	4091.8	3787.9	3484.0	3152.2
5°	5688.4	5519.3	5325.4	5103.7	4875.3	4638.8	4377.6	4085.2	3774.8	3467.6	3127.6
2.5°	5619.5	5483.1	5297.5	5084.0	4852.3	4615.8	4356.3	4055.7	3745.2	3438.0	3096.4
0°	5608.0	5438.8	5251.5	5061.0	4814.6	4564.9	4307.0	3999.8	3691.0	3382.2	3042.2
-2.5°	5532.4	5353.4	5166.1	4959.1	4742.3	4491.0	4219.9	3919.3	3613.8	3309.9	2983.0
-5°	5474.9	5276.1	5077.4	4854.0	4635.5	4384.2	4103.3	3810.9	3512.0	3216.3	2900.9
-7.5°	5397.7	5194.0	4985.4	4752.1	4515.6	4259.4	3981.8	3689.4	3395.3	3101.3	2799.1
-10°	5241.7	5062.6	4867.1	4625.7	4376.0	4119.7	3843.8	3556.3	3262.3	2965.0	2661.1
-12.5°	5052.7	4863.8	4650.3	4428.5	4205.1	3967.0	3691.0	3408.5	3112.8	2813.8	2511.6
-15°	4808.0	4622.4	4403.9	4187.1	3971.9	3743.6	3500.5	3245.8	2945.2	2651.2	2349.0
-17.5°	4502.5	4328.3	4132.9	3925.9	3712.4	3482.4	3245.8	3030.7	2749.8	2473.8	2174.9
-20°	4173.9	4011.3	3835.6	3640.1	3426.5	3201.5	2978.1	2753.1	2509.9	2266.8	1989.2



REPORT NUMBER: P722294
 CATALOG NUMBER: IFLD-M-SA4B-935-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	3832.3	3668.0	3490.6	3308.3	3111.2	2902.5	2695.6	2480.4	2266.8	2046.7	1811.8
-25°	3438.0	3293.5	3130.9	2953.5	2777.7	2595.4	2398.2	2202.8	2020.4	1829.9	1637.7
-27.5°	3025.7	2892.7	2744.8	2590.4	2439.3	2286.5	2115.7	1935.0	1783.9	1626.2	1466.9
-30°	2592.1	2485.3	2365.4	2230.7	2114.1	1990.9	1848.0	1698.5	1560.5	1440.6	1312.5
-32.5°	2181.4	2091.1	2005.7	1917.0	1802.0	1706.7	1608.1	1498.1	1376.5	1263.2	1171.2
-35°	1828.3	1731.3	1695.2	1629.5	1547.4	1463.6	1391.3	1312.5	1220.5	1120.3	1044.7
-37.5°	1530.9	1473.4	1422.5	1386.4	1332.2	1264.8	1207.3	1149.8	1079.2	1003.7	928.1
-40°	1299.3	1259.9	1204.1	1186.0	1151.5	1105.5	1046.4	1002.0	954.4	896.9	832.8
-42.5°	1113.7	1084.1	1048.0	1016.8	1002.0	969.2	923.2	880.5	842.7	803.2	754.0
-45°	960.9	941.2	918.2	890.3	878.8	852.5	819.7	772.0	750.7	717.8	681.7
-47.5°	837.7	827.9	811.5	793.4	777.0	757.3	727.7	698.1	668.6	647.2	619.3
-50°	740.8	734.3	724.4	709.6	688.3	675.1	655.4	629.1	601.2	583.1	563.4
-52.5°	663.6	657.1	650.5	639.0	622.6	609.4	593.0	571.6	548.6	530.6	514.1
-55°	604.5	594.6	589.7	579.9	566.7	551.9	537.1	522.4	502.6	486.2	469.8
-57.5°	558.5	545.4	538.8	530.6	517.4	502.6	491.1	476.4	463.2	445.2	430.4
-60°	522.4	507.6	494.4	486.2	474.7	459.9	448.4	436.9	423.8	409.0	390.9
-62.5°	492.8	474.7	456.7	446.8	435.3	422.2	410.7	399.2	386.0	371.2	354.8
-65°	464.9	443.5	420.5	410.7	399.2	386.0	371.2	363.0	351.5	338.4	322.0
-67.5°	430.4	407.4	387.7	376.2	364.7	353.2	340.0	331.8	320.3	303.9	287.5
-70°	379.4	364.7	351.5	341.7	331.8	322.0	308.8	295.7	282.5	267.7	253.0
-72.5°	315.4	310.5	308.8	303.9	292.4	280.9	267.7	254.6	243.1	231.6	220.1
-75°	254.6	257.9	261.2	259.5	248.0	236.5	225.0	213.5	205.3	195.5	185.6
-77.5°	202.0	205.3	208.6	208.6	200.4	193.8	185.6	177.4	170.8	162.6	152.8
-80°	156.1	161.0	165.9	169.2	162.6	157.7	151.1	144.6	138.0	131.4	124.8
-82.5°	118.3	123.2	128.1	131.4	126.5	123.2	118.3	113.3	108.4	101.8	96.9
-85°	85.4	88.7	92.0	93.6	90.3	87.1	83.8	80.5	77.2	72.3	69.0
-87.5°	49.3	50.9	52.6	54.2	50.9	47.6	46.0	42.7	41.1	37.8	36.1
-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-M-SA4B-935-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°	41.1	37.8	34.5	32.9	29.6	24.6	21.4	18.1	14.8	11.5	9.9
85°	87.1	78.8	69.0	64.1	57.5	50.9	44.4	37.8	31.2	24.6	18.1
82.5°	149.5	139.6	129.8	118.3	103.5	85.4	67.3	55.8	46.0	36.1	27.9
80°	225.0	207.0	190.5	175.8	159.3	136.3	111.7	88.7	62.4	47.6	36.1
77.5°	312.1	290.7	267.7	243.1	216.8	185.6	157.7	128.1	96.9	65.7	46.0
75°	410.7	382.7	351.5	317.0	282.5	241.5	202.0	167.5	131.4	92.0	55.8
72.5°	520.7	486.2	448.4	402.4	348.2	300.6	253.0	207.0	164.3	116.6	75.6
70°	662.0	607.8	551.9	502.6	433.7	358.1	302.2	249.7	195.5	142.9	95.3
67.5°	813.1	747.4	680.1	607.8	520.7	432.0	351.5	292.4	228.3	167.5	113.3
65°	977.4	895.2	809.8	729.3	609.4	504.3	413.9	333.5	259.5	190.5	131.4
62.5°	1146.6	1049.6	951.1	846.0	708.0	578.2	473.1	379.4	289.1	211.9	147.8
60°	1327.3	1213.9	1094.0	962.6	801.6	658.7	528.9	427.1	320.3	233.3	165.9
57.5°	1517.8	1394.6	1253.3	1075.9	898.5	735.9	593.0	469.8	348.2	253.0	179.0
55°	1724.8	1583.5	1429.1	1194.2	993.8	813.1	657.1	512.5	377.8	269.4	192.2
52.5°	1948.2	1783.9	1588.4	1319.0	1094.0	892.0	716.2	550.3	405.7	287.5	203.7
50°	2197.8	1990.9	1728.1	1434.0	1181.1	965.9	775.3	591.3	428.7	307.2	213.5
47.5°	2457.4	2234.0	1852.9	1540.8	1269.8	1038.1	836.1	627.5	451.7	323.6	223.4
45°	2728.4	2403.2	1982.7	1636.1	1347.0	1103.9	882.1	660.3	479.6	338.4	231.6
42.5°	2996.2	2531.3	2096.0	1731.3	1419.2	1163.0	919.9	691.5	502.6	353.2	239.8
40°	3122.7	2628.2	2186.3	1797.0	1480.0	1215.6	952.7	719.5	522.4	363.0	248.0
37.5°	3175.2	2687.4	2245.5	1859.5	1527.7	1243.5	980.7	744.1	538.8	372.9	254.6
35°	3186.7	2708.7	2275.1	1902.2	1567.1	1269.8	1002.0	762.2	551.9	382.7	261.2
32.5°	3165.4	2702.1	2283.3	1917.0	1591.7	1289.5	1016.8	775.3	561.8	392.6	267.7
30°	3117.7	2667.6	2253.7	1915.3	1609.8	1301.0	1026.6	785.2	571.6	399.2	271.0
27.5°	3040.5	2606.9	2215.9	1917.0	1619.6	1305.9	1031.6	790.1	578.2	404.1	277.6
25°	2945.2	2524.7	2217.6	1913.7	1621.3	1307.5	1031.6	790.1	579.9	405.7	282.5
22.5°	2835.2	2524.7	2217.6	1908.7	1611.4	1304.3	1026.6	786.8	579.9	409.0	287.5
20°	2841.8	2526.4	2212.6	1898.9	1596.6	1294.4	1015.1	778.6	574.9	413.9	290.7
17.5°	2846.7	2523.1	2202.8	1885.7	1576.9	1278.0	1000.4	767.1	574.9	418.9	292.4
15°	2846.7	2513.2	2188.0	1866.0	1552.3	1255.0	979.0	757.3	576.6	420.5	295.7
12.5°	2841.8	2495.2	2165.0	1839.8	1522.7	1227.0	965.9	754.0	576.6	422.2	295.7
10°	2831.9	2470.5	2135.4	1806.9	1494.8	1217.2	959.3	747.4	573.3	422.2	295.7
7.5°	2813.8	2441.0	2110.8	1787.2	1478.4	1205.7	949.4	737.5	568.4	418.9	299.0
5°	2785.9	2424.5	2091.1	1764.2	1455.4	1197.5	942.9	729.3	565.1	418.9	295.7
2.5°	2749.8	2404.8	2068.1	1734.6	1429.1	1169.6	921.5	711.3	553.6	412.3	292.4
0°	2690.6	2365.4	2028.7	1693.6	1393.0	1141.6	900.2	693.2	542.1	405.7	289.1
-2.5°	2636.4	2312.8	1977.7	1650.8	1358.5	1117.0	883.7	683.3	537.1	404.1	287.5
-5°	2560.9	2240.6	1910.4	1595.0	1312.5	1092.4	867.3	671.8	532.2	400.8	287.5
-7.5°	2477.1	2165.0	1839.8	1537.5	1266.5	1049.6	836.1	653.8	520.7	394.2	285.8
-10°	2347.3	2051.7	1751.1	1471.8	1217.2	1011.9	809.8	637.3	510.9	387.7	279.2
-12.5°	2209.3	1926.8	1649.2	1391.3	1161.3	972.4	780.3	619.3	499.4	381.1	276.0
-15°	2063.2	1798.7	1542.4	1307.5	1100.6	924.8	749.0	599.6	487.9	372.9	271.0
-17.5°	1910.4	1664.0	1432.4	1222.1	1039.8	875.5	716.2	581.5	474.7	364.7	266.1
-20°	1749.4	1526.0	1320.7	1135.1	975.7	826.2	681.7	560.1	459.9	354.8	259.5



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CATALOG NUMBER: IFLD-M-SA4B-935-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1590.1	1389.7	1205.7	1049.6	910.0	775.3	647.2	538.8	443.5	343.3	254.6
-25°	1448.8	1261.5	1103.9	967.5	846.0	726.0	611.1	517.4	425.4	331.8	248.0
-27.5°	1310.8	1151.5	1003.7	890.3	783.5	678.4	576.6	494.4	407.4	318.7	241.5
-30°	1182.7	1046.4	924.8	814.7	724.4	635.7	547.0	471.4	387.7	305.5	233.3
-32.5°	1066.1	956.0	854.2	749.0	668.6	593.0	519.1	448.4	368.0	292.4	225.0
-35°	957.7	872.2	783.5	694.8	612.7	553.6	489.5	423.8	349.9	277.6	216.8
-37.5°	860.7	791.8	721.1	645.6	574.9	515.8	461.6	399.2	331.8	264.5	208.6
-40°	777.0	721.1	658.7	597.9	538.8	482.9	433.7	374.5	313.7	254.6	200.4
-42.5°	699.8	657.1	606.1	555.2	502.6	453.4	405.7	348.2	295.7	243.1	192.2
-45°	640.6	597.9	556.9	510.9	466.5	423.8	376.2	325.2	279.2	230.0	184.0
-47.5°	584.8	547.0	509.2	471.4	435.3	395.9	348.2	305.5	261.2	218.5	177.4
-50°	535.5	499.4	466.5	433.7	402.4	364.7	320.3	285.8	246.4	207.0	169.2
-52.5°	489.5	458.3	425.4	399.2	372.9	335.1	299.0	266.1	231.6	193.8	161.0
-55°	448.4	418.9	389.3	364.7	340.0	307.2	277.6	249.7	216.8	184.0	152.8
-57.5°	409.0	384.4	356.5	333.5	308.8	282.5	257.9	231.6	202.0	174.1	144.6
-60°	372.9	349.9	325.2	302.2	280.9	259.5	236.5	215.2	188.9	162.6	136.3
-62.5°	336.7	317.0	295.7	272.7	256.3	236.5	218.5	197.1	175.8	152.8	121.6
-65°	303.9	285.8	266.1	246.4	231.6	216.8	200.4	180.7	162.6	141.3	108.4
-67.5°	271.0	254.6	238.2	221.8	208.6	197.1	180.7	165.9	151.1	128.1	95.3
-70°	239.8	226.7	211.9	198.8	188.9	175.8	164.3	151.1	138.0	111.7	80.5
-72.5°	210.3	197.1	185.6	175.8	167.5	156.1	146.2	136.3	118.3	93.6	67.3
-75°	175.8	167.5	161.0	152.8	144.6	136.3	128.1	116.6	98.6	75.6	52.6
-77.5°	144.6	139.6	134.7	128.1	121.6	115.0	105.1	93.6	78.8	59.1	42.7
-80°	118.3	113.3	110.1	103.5	98.6	92.0	82.1	72.3	57.5	46.0	34.5
-82.5°	90.3	87.1	83.8	80.5	75.6	69.0	59.1	50.9	42.7	34.5	26.3
-85°	64.1	62.4	59.1	55.8	50.9	46.0	39.4	34.5	29.6	23.0	18.1
-87.5°	32.9	31.2	29.6	27.9	26.3	23.0	19.7	16.4	14.8	11.5	8.2
-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: P722294
 CATALOG NUMBER: IFLD-M-SA4B-935-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	6.6	4.9	1.6	0.0
85°	13.1	8.2	3.3	0.0
82.5°	19.7	13.1	4.9	0.0
80°	26.3	16.4	8.2	0.0
77.5°	32.9	19.7	9.9	0.0
75°	39.4	24.6	11.5	0.0
72.5°	44.4	27.9	13.1	0.0
70°	52.6	32.9	14.8	0.0
67.5°	65.7	36.1	16.4	0.0
65°	77.2	39.4	18.1	0.0
62.5°	90.3	42.7	19.7	0.0
60°	101.8	46.0	21.4	0.0
57.5°	113.3	54.2	23.0	0.0
55°	123.2	60.8	24.6	0.0
52.5°	134.7	67.3	26.3	0.0
50°	144.6	73.9	27.9	0.0
47.5°	152.8	80.5	27.9	0.0
45°	159.3	85.4	29.6	0.0
42.5°	164.3	90.3	31.2	0.0
40°	169.2	95.3	32.9	0.0
37.5°	174.1	100.2	32.9	0.0
35°	179.0	105.1	34.5	0.0
32.5°	184.0	110.1	34.5	0.0
30°	187.3	113.3	36.1	0.0
27.5°	192.2	116.6	36.1	0.0
25°	193.8	119.9	37.8	0.0
22.5°	197.1	121.6	37.8	0.0
20°	200.4	124.8	37.8	0.0
17.5°	202.0	126.5	39.4	0.0
15°	202.0	128.1	41.1	0.0
12.5°	203.7	129.8	41.1	0.0
10°	203.7	133.1	39.4	0.0
7.5°	207.0	131.4	39.4	0.0
5°	205.3	131.4	39.4	0.0
2.5°	203.7	129.8	39.4	0.0
0°	202.0	129.8	39.4	0.0
-2.5°	202.0	129.8	39.4	0.0
-5°	202.0	129.8	39.4	0.0
-7.5°	200.4	131.4	39.4	0.0
-10°	197.1	131.4	39.4	0.0
-12.5°	195.5	126.5	39.4	0.0
-15°	193.8	124.8	39.4	0.0
-17.5°	190.5	123.2	37.8	0.0
-20°	187.3	121.6	37.8	0.0



REPORT NUMBER: P722294
 CATALOG NUMBER: IFLD-M-SA4B-935-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	184.0	118.3	37.8	0.0
-25°	180.7	115.0	36.1	0.0
-27.5°	177.4	111.7	36.1	0.0
-30°	172.5	108.4	34.5	0.0
-32.5°	167.5	105.1	34.5	0.0
-35°	164.3	100.2	32.9	0.0
-37.5°	159.3	95.3	32.9	0.0
-40°	154.4	90.3	31.2	0.0
-42.5°	149.5	85.4	29.6	0.0
-45°	142.9	80.5	29.6	0.0
-47.5°	138.0	75.6	27.9	0.0
-50°	129.8	69.0	26.3	0.0
-52.5°	119.9	62.4	24.6	0.0
-55°	110.1	57.5	23.0	0.0
-57.5°	100.2	50.9	23.0	0.0
-60°	90.3	44.4	21.4	0.0
-62.5°	80.5	41.1	19.7	0.0
-65°	70.6	37.8	18.1	0.0
-67.5°	59.1	32.9	16.4	0.0
-70°	49.3	29.6	14.8	0.0
-72.5°	42.7	26.3	13.1	0.0
-75°	36.1	23.0	11.5	0.0
-77.5°	31.2	19.7	9.9	0.0
-80°	24.6	14.8	6.6	0.0
-82.5°	18.1	11.5	4.9	0.0
-85°	11.5	8.2	3.3	0.0
-87.5°	6.6	3.3	1.6	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)