

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: P722136

Luminaire Tested: **IFLD-S-SA2D-760-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722136
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2D-760-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (32) 5700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

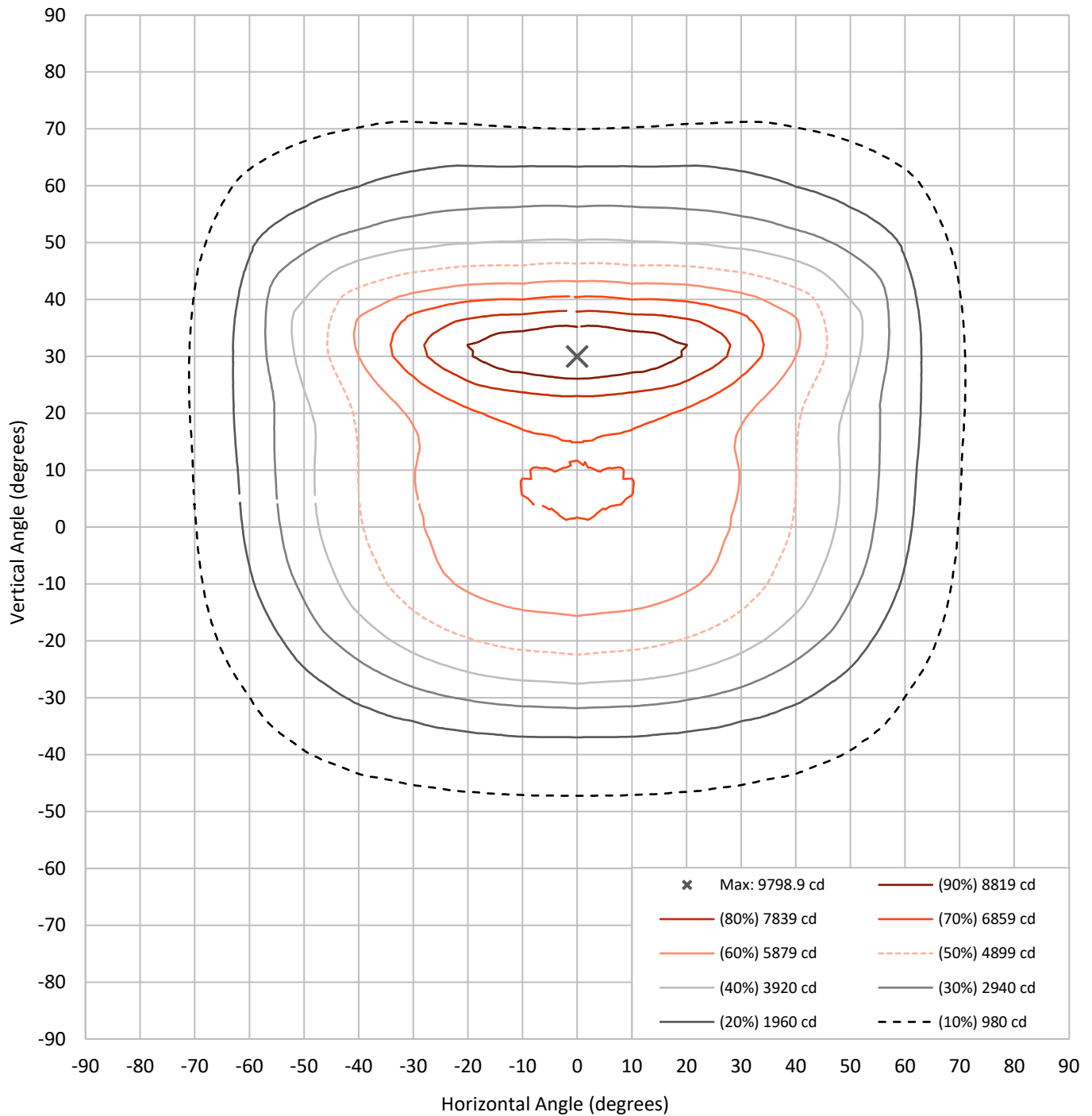
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	16356.8 lumens	Max Intensity:	9798.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	132.0 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	9511.7 lumens	Field Lumens:	15328.5 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 123.9
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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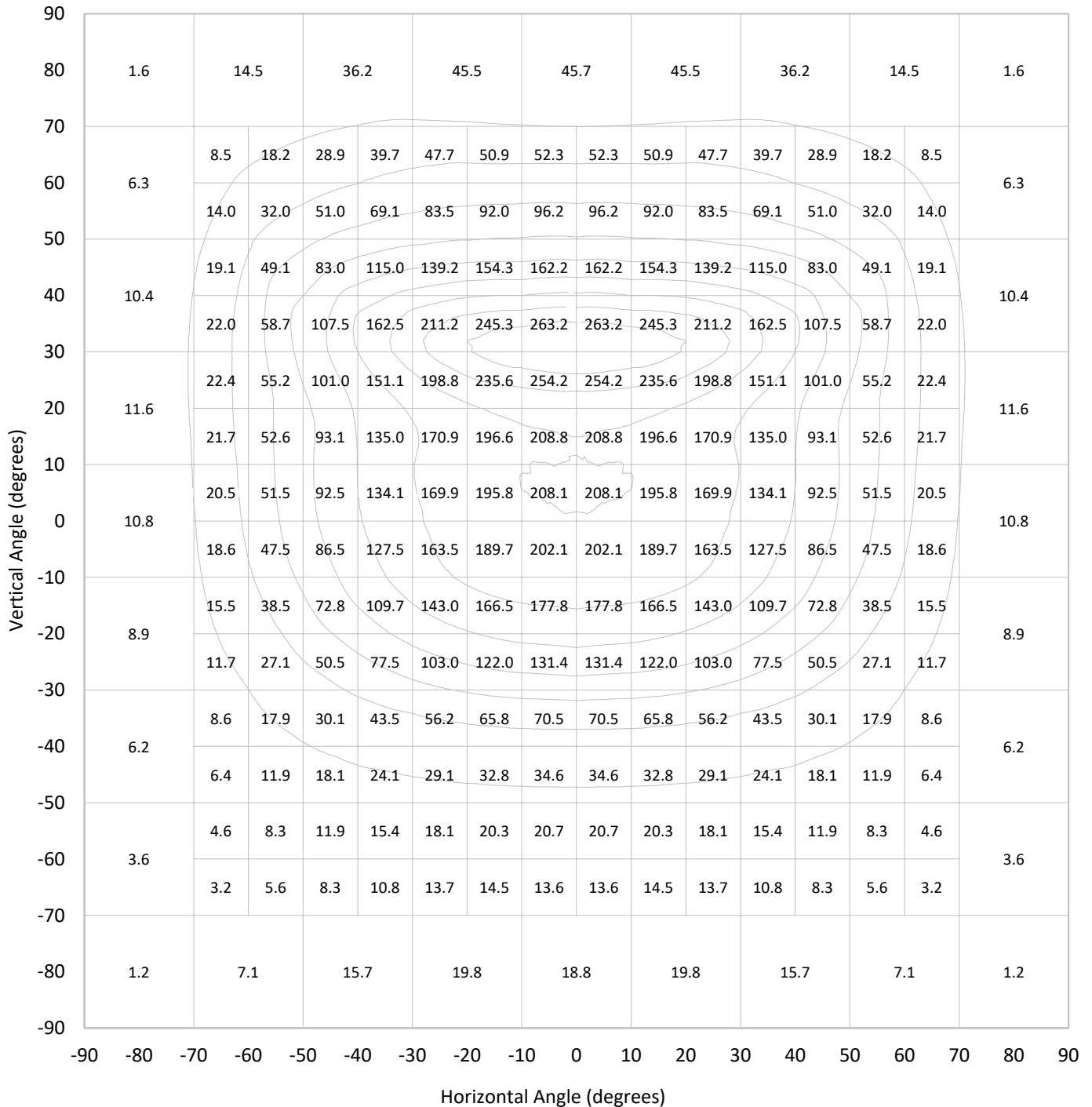
Iso-Candela Plot





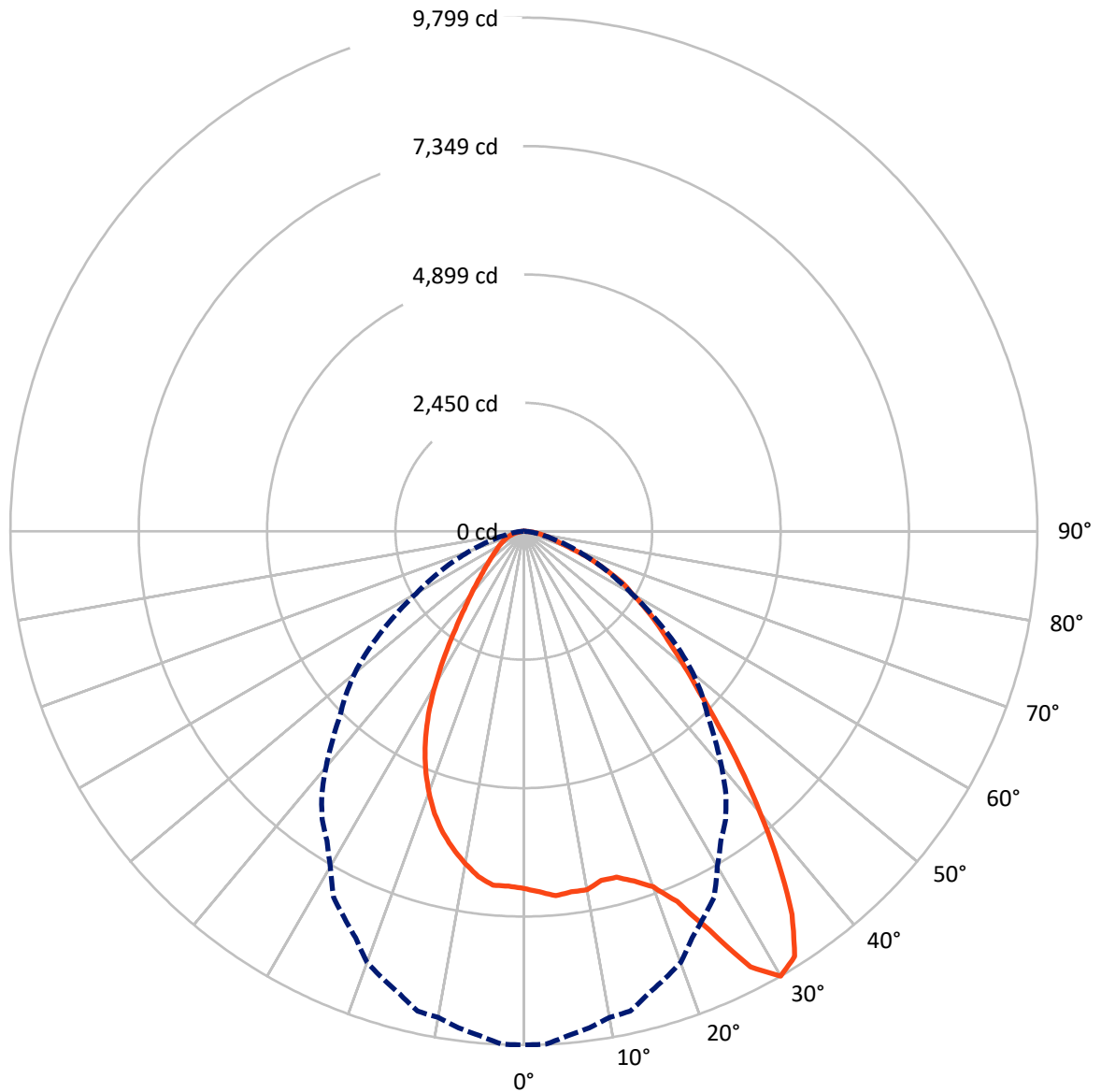
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Lumen Table



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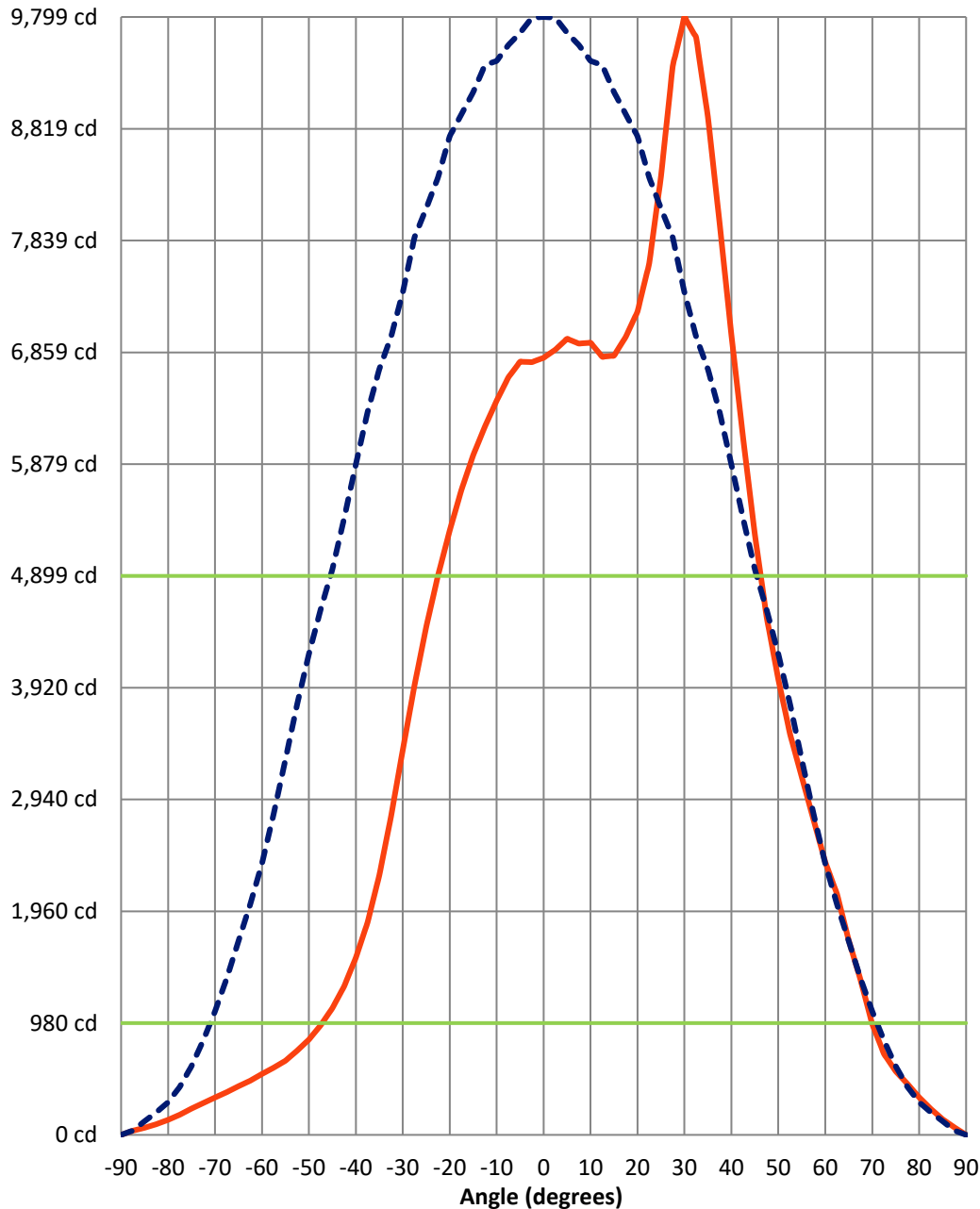
Luminous Intensity Polar Plot



— 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: 9511.7
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 15328.5
 Efficiency: 93.7%

Spill:
 Lumens: 1028.4
 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°	65.8	67.6	69.3	69.3	67.6	67.6	67.6	65.8	67.6	67.6	67.6
85°	136.9	140.4	143.8	142.1	140.4	136.9	133.4	135.2	136.9	138.6	138.6
82.5°	227.0	232.2	235.7	233.9	230.5	227.0	223.5	225.3	228.7	230.5	230.5
80°	329.2	331.0	332.7	336.2	331.0	331.0	329.2	336.2	339.6	343.1	346.6
77.5°	447.1	448.8	448.8	450.5	452.3	454.0	454.0	466.1	474.8	480.0	485.2
75°	558.0	563.2	568.4	573.6	580.5	583.9	589.1	606.5	620.3	630.7	641.1
72.5°	710.4	717.4	726.0	738.2	750.3	759.0	771.1	791.9	807.5	817.9	830.0
70°	972.1	979.0	987.7	996.4	1008.5	1017.1	1029.3	1055.3	1070.9	1077.8	1084.7
67.5°	1360.2	1377.6	1393.2	1375.8	1367.2	1355.0	1358.5	1382.8	1398.4	1408.8	1407.0
65°	1705.1	1717.2	1717.2	1715.5	1708.5	1692.9	1701.6	1731.1	1748.4	1757.0	1731.1
62.5°	2110.5	2110.5	2101.9	2115.7	2117.5	2107.1	2101.9	2103.6	2105.3	2110.5	2067.2
60°	2391.2	2408.6	2413.8	2425.9	2429.4	2429.4	2438.0	2445.0	2445.0	2434.6	2384.3
57.5°	2762.1	2795.0	2801.9	2793.2	2775.9	2753.4	2749.9	2739.5	2718.7	2697.9	2673.7
55°	3136.3	3153.7	3151.9	3146.7	3129.4	3103.4	3106.9	3093.0	3060.1	3034.1	3001.2
52.5°	3512.4	3553.9	3560.9	3550.5	3526.2	3498.5	3500.2	3484.6	3451.7	3424.0	3378.9
50°	3992.3	4027.0	4023.5	4006.2	3971.5	3950.7	3952.5	3923.0	3884.9	3876.2	3817.3
47.5°	4541.6	4581.5	4574.6	4550.3	4503.5	4494.8	4503.5	4465.4	4442.9	4423.8	4354.5
45°	5262.5	5309.3	5283.3	5236.5	5162.0	5170.6	5182.8	5175.8	5127.3	5077.1	4988.7
42.5°	6108.1	6137.5	6106.3	6059.5	5966.0	5983.3	5976.4	5934.8	5905.3	5822.2	5709.5
40°	7012.6	7076.7	7028.2	6955.4	6858.4	6884.4	6865.3	6811.6	6742.3	6638.3	6496.2
37.5°	7988.1	8038.4	7982.9	7898.0	7811.4	7802.7	7764.6	7681.4	7582.7	7468.3	7241.3
35°	8922.1	9052.1	8949.8	8814.7	8709.0	8669.1	8632.7	8440.4	8327.8	8142.4	7832.2
32.5°	9617.0	9712.3	9585.8	9445.4	9317.2	9261.7	9133.5	8904.8	8844.1	8454.3	8170.1
30°	9798.9	9792.0	9660.3	9552.8	9414.2	9376.1	9140.4	8946.4	8752.3	8391.9	8121.6
27.5°	9365.7	9322.4	9195.9	9102.3	8965.4	8920.4	8688.2	8584.2	8284.4	7979.5	7750.7
25°	8400.5	8423.1	8327.8	8281.0	8190.9	8093.8	8002.0	7861.6	7674.5	7407.7	7198.0
22.5°	7639.8	7669.3	7629.4	7574.0	7504.7	7451.0	7381.7	7272.5	7092.3	6927.7	6730.1
20°	7217.0	7208.4	7173.7	7132.1	7066.3	7028.2	6951.9	6860.1	6721.5	6579.4	6366.2
17.5°	6995.2	6941.5	6908.6	6893.0	6858.4	6809.8	6719.7	6626.2	6518.7	6357.6	6201.6
15°	6830.6	6839.3	6813.3	6801.2	6773.5	6705.9	6614.0	6537.8	6392.2	6310.8	6168.7
12.5°	6820.2	6811.6	6813.3	6808.1	6773.5	6686.8	6640.0	6543.0	6449.4	6342.0	6179.1
10°	6943.3	6851.4	6858.4	6882.6	6827.2	6757.9	6707.6	6601.9	6513.5	6376.6	6215.5
7.5°	6936.3	6889.6	6903.4	6863.6	6880.9	6796.0	6726.7	6621.0	6510.1	6364.5	6219.0
5°	6977.9	6906.9	6894.7	6898.2	6854.9	6790.8	6697.2	6596.7	6492.7	6329.9	6180.8
2.5°	6882.6	6893.0	6837.6	6816.8	6811.6	6704.1	6617.5	6520.5	6413.0	6269.2	6135.8
0°	6811.6	6830.6	6773.5	6744.0	6742.3	6650.4	6595.0	6484.1	6407.8	6288.3	6127.1
-2.5°	6773.5	6796.0	6802.9	6749.2	6697.2	6626.2	6532.6	6413.0	6288.3	6149.7	6011.0
-5°	6776.9	6731.9	6712.8	6730.1	6685.1	6614.0	6510.1	6404.4	6281.3	6132.3	5959.0
-7.5°	6640.0	6595.0	6591.5	6582.8	6572.5	6504.9	6418.2	6303.9	6179.1	6040.5	5879.3
-10°	6435.6	6402.6	6394.0	6385.3	6357.6	6317.7	6236.3	6132.3	6019.7	5881.1	5709.5
-12.5°	6208.6	6193.0	6160.0	6137.5	6109.8	6063.0	5985.0	5889.7	5777.1	5654.1	5506.8
-15°	5957.3	5927.9	5894.9	5875.9	5836.0	5780.6	5702.6	5614.2	5491.2	5369.9	5231.3
-17.5°	5654.1	5617.7	5581.3	5576.1	5548.4	5463.5	5390.7	5283.3	5175.8	5059.7	4924.6
-20°	5297.1	5246.9	5222.6	5208.7	5170.6	5108.2	5030.3	4931.5	4827.5	4716.6	4560.7



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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°	4902.0	4858.7	4817.1	4791.1	4758.2	4709.7	4635.2	4548.6	4446.3	4321.6	4177.7
-25°	4453.3	4392.6	4366.6	4337.2	4319.8	4274.8	4202.0	4122.3	4016.6	3895.3	3758.4
-27.5°	3940.4	3891.8	3878.0	3836.4	3815.6	3768.8	3708.2	3633.6	3536.6	3422.2	3309.6
-30°	3373.7	3344.3	3321.7	3280.2	3264.6	3214.3	3174.5	3112.1	3023.7	2942.3	2852.2
-32.5°	2791.5	2762.1	2755.1	2736.1	2725.7	2692.7	2647.7	2602.6	2531.6	2471.0	2398.2
-35°	2275.1	2254.4	2256.1	2254.4	2244.0	2219.7	2164.2	2152.1	2100.1	2044.7	1997.9
-37.5°	1862.7	1864.5	1862.7	1861.0	1847.1	1836.8	1796.9	1781.3	1750.1	1696.4	1668.7
-40°	1552.6	1556.0	1554.3	1550.8	1535.2	1530.0	1504.1	1483.3	1471.1	1433.0	1403.6
-42.5°	1301.3	1306.5	1304.8	1303.1	1292.7	1290.9	1277.1	1252.8	1245.9	1223.3	1192.2
-45°	1110.7	1109.0	1105.5	1109.0	1103.8	1098.6	1089.9	1074.3	1065.7	1055.3	1029.3
-47.5°	960.0	961.7	958.2	958.2	951.3	946.1	942.6	932.2	925.3	916.6	901.0
-50°	835.2	842.1	840.4	838.7	833.5	830.0	830.0	819.6	809.2	805.7	795.3
-52.5°	738.2	743.4	745.1	748.6	750.3	752.0	746.8	736.4	719.1	717.4	712.2
-55°	649.8	665.4	675.8	682.7	689.6	694.8	684.4	670.6	653.3	646.3	644.6
-57.5°	589.1	604.7	616.9	627.3	635.9	644.6	634.2	620.3	604.7	596.1	594.3
-60°	533.7	547.6	559.7	573.6	585.7	599.5	594.3	583.9	575.3	568.4	561.4
-62.5°	474.8	488.6	502.5	519.8	535.4	549.3	551.0	549.3	547.6	549.3	537.2
-65°	426.3	433.2	441.9	460.9	478.2	493.8	502.5	507.7	516.4	525.0	512.9
-67.5°	374.3	382.9	393.3	407.2	421.1	431.5	443.6	457.5	471.3	485.2	476.5
-70°	327.5	334.4	343.1	350.0	358.7	365.6	376.0	391.6	407.2	421.1	417.6
-72.5°	279.0	285.9	291.1	294.6	299.8	303.2	308.4	322.3	332.7	339.6	339.6
-75°	230.5	237.4	242.6	244.3	247.8	249.5	253.0	258.2	263.4	265.1	266.8
-77.5°	176.7	183.7	188.9	192.3	195.8	199.3	201.0	204.5	206.2	206.2	207.9
-80°	131.7	136.9	140.4	145.6	147.3	150.8	154.2	156.0	157.7	157.7	159.4
-82.5°	93.6	97.0	100.5	104.0	107.4	109.2	112.6	114.4	116.1	117.8	119.6
-85°	62.4	65.8	69.3	72.8	74.5	76.2	78.0	79.7	81.4	83.2	84.9
-87.5°	36.4	38.1	39.9	43.3	45.1	48.5	50.3	48.5	50.3	50.3	50.3
-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°	67.6	67.6	67.6	67.6	65.8	62.4	60.6	57.2	53.7	50.3	46.8
85°	140.4	142.1	142.1	142.1	138.6	136.9	131.7	126.5	119.6	109.2	100.5
82.5°	233.9	235.7	235.7	233.9	230.5	225.3	218.3	209.7	195.8	181.9	169.8
80°	351.8	353.5	353.5	351.8	343.1	334.4	325.8	315.4	298.0	279.0	258.2
77.5°	492.1	495.6	495.6	490.4	478.2	467.9	454.0	436.7	410.7	382.9	355.2
75°	655.0	663.7	665.4	660.2	644.6	625.5	603.0	573.6	533.7	499.0	466.1
72.5°	843.9	852.5	859.5	852.5	830.0	804.0	771.1	736.4	696.6	649.8	594.3
70°	1091.7	1100.3	1105.5	1083.0	1043.1	999.8	960.0	920.1	873.3	816.1	755.5
67.5°	1403.6	1394.9	1384.5	1339.4	1289.2	1237.2	1181.8	1122.8	1062.2	1001.5	930.5
65°	1703.3	1679.1	1656.5	1602.8	1538.7	1471.1	1407.0	1341.2	1268.4	1192.2	1124.6
62.5°	2018.7	1966.7	1911.3	1845.4	1779.6	1705.1	1640.9	1563.0	1481.5	1388.0	1301.3
60°	2328.9	2266.5	2211.0	2129.6	2043.0	1942.5	1873.1	1796.9	1701.6	1601.1	1498.9
57.5°	2628.6	2561.1	2500.4	2429.4	2335.8	2226.6	2150.4	2051.6	1951.1	1824.6	1720.7
55°	2947.5	2879.9	2831.4	2751.7	2649.4	2548.9	2465.8	2361.8	2221.4	2086.3	1958.0
52.5°	3313.1	3259.4	3207.4	3125.9	3002.9	2900.7	2808.8	2692.7	2545.5	2379.1	2224.9
50°	3722.0	3694.3	3638.8	3543.5	3403.2	3313.1	3191.8	3037.6	2879.9	2704.9	2512.5
47.5°	4264.4	4219.3	4141.4	4037.4	3919.6	3784.4	3621.5	3441.3	3217.8	3023.7	2819.2
45°	4912.4	4829.3	4728.8	4588.4	4442.9	4290.4	4111.9	3883.2	3583.4	3330.4	3115.5
42.5°	5614.2	5501.6	5364.7	5181.0	4992.2	4805.0	4612.7	4300.8	3926.5	3635.4	3392.8
40°	6347.2	6203.4	6031.8	5765.0	5555.3	5314.4	5094.4	4628.3	4229.7	3914.4	3656.2
37.5°	7064.6	6882.6	6595.0	6270.9	6026.6	5829.1	5345.6	4846.6	4489.6	4143.1	3881.4
35°	7613.9	7459.6	6951.9	6615.8	6406.1	6094.2	5489.5	4978.3	4600.5	4312.9	3905.7
32.5°	7939.6	7541.1	7095.8	6756.1	6582.8	6071.7	5499.9	5016.4	4652.5	4330.2	3843.3
30°	7866.8	7385.1	6995.2	6711.1	6335.1	5875.9	5402.8	4957.5	4604.0	4214.1	3774.0
27.5°	7428.4	7055.9	6707.6	6411.3	6042.2	5629.8	5193.2	4801.5	4472.3	4094.6	3678.7
25°	6932.9	6595.0	6336.8	6078.6	5728.6	5335.2	4950.6	4668.1	4337.2	3964.6	3553.9
22.5°	6477.1	6234.6	6031.8	5761.5	5420.1	5077.1	4837.9	4545.1	4205.5	3827.7	3425.7
20°	6186.0	6021.4	5789.2	5491.2	5222.6	5007.7	4742.6	4432.5	4082.4	3687.4	3316.5
17.5°	6045.7	5855.1	5596.9	5402.8	5196.6	4961.0	4664.7	4335.4	3962.9	3623.3	3328.7
15°	5972.9	5771.9	5602.1	5411.5	5179.3	4931.5	4602.3	4260.9	3962.9	3649.2	3337.3
12.5°	5988.5	5815.2	5629.8	5421.9	5172.4	4907.2	4609.2	4292.1	3983.7	3668.3	3339.1
10°	6037.0	5855.1	5657.5	5427.1	5175.8	4914.2	4628.3	4311.2	3994.1	3677.0	3335.6
7.5°	6054.3	5856.8	5645.4	5413.2	5167.2	4910.7	4631.7	4316.4	3995.8	3675.2	3325.2
5°	6000.6	5822.2	5617.7	5383.8	5142.9	4893.4	4617.9	4309.4	3981.9	3657.9	3299.2
2.5°	5927.9	5784.0	5588.2	5363.0	5118.6	4869.1	4595.3	4278.2	3950.7	3626.7	3266.3
0°	5915.7	5737.2	5539.7	5338.7	5078.8	4815.4	4543.4	4219.3	3893.6	3567.8	3209.1
-2.5°	5836.0	5647.1	5449.6	5231.3	5002.5	4737.4	4451.5	4134.4	3812.1	3491.6	3146.7
-5°	5775.4	5565.7	5356.0	5120.4	4889.9	4624.8	4328.5	4020.1	3704.7	3392.8	3060.1
-7.5°	5693.9	5479.1	5259.0	5012.9	4763.4	4493.1	4200.3	3891.8	3581.7	3271.5	2952.7
-10°	5529.3	5340.4	5134.2	4879.5	4616.1	4345.8	4054.7	3751.5	3441.3	3127.7	2807.1
-12.5°	5330.0	5130.8	4905.5	4671.6	4435.9	4184.7	3893.6	3595.5	3283.6	2968.3	2649.4
-15°	5071.9	4876.1	4645.6	4416.9	4189.9	3949.0	3692.6	3424.0	3106.9	2796.7	2477.9
-17.5°	4749.6	4565.9	4359.7	4141.4	3916.1	3673.5	3424.0	3197.0	2900.7	2609.6	2294.2
-20°	4403.0	4231.5	4046.1	3839.8	3614.6	3377.2	3141.5	2904.1	2647.7	2391.2	2098.4



REPORT NUMBER: P722136
 CATALOG NUMBER: IFLD-S-SA2D-760-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	4042.6	3869.3	3682.2	3489.8	3281.9	3061.8	2843.5	2616.5	2391.2	2159.0	1911.3
-25°	3626.7	3474.2	3302.7	3115.5	2930.1	2737.8	2529.9	2323.7	2131.3	1930.3	1727.6
-27.5°	3191.8	3051.4	2895.5	2732.6	2573.2	2412.0	2231.8	2041.2	1881.8	1715.5	1547.4
-30°	2734.3	2621.7	2495.2	2353.1	2230.1	2100.1	1949.4	1791.7	1646.1	1519.7	1384.5
-32.5°	2301.1	2205.8	2115.7	2022.2	1900.9	1800.4	1696.4	1580.3	1452.1	1332.5	1235.5
-35°	1928.6	1826.4	1788.2	1718.9	1632.3	1543.9	1467.7	1384.5	1287.5	1181.8	1102.1
-37.5°	1615.0	1554.3	1500.6	1462.5	1405.3	1334.2	1273.6	1212.9	1138.4	1058.7	979.0
-40°	1370.6	1329.0	1270.1	1251.1	1214.7	1166.2	1103.8	1057.0	1006.7	946.1	878.5
-42.5°	1174.8	1143.6	1105.5	1072.6	1057.0	1022.3	973.8	928.8	888.9	847.3	795.3
-45°	1013.7	992.9	968.6	939.2	927.0	899.3	864.7	814.4	791.9	757.2	719.1
-47.5°	883.7	873.3	856.0	836.9	819.6	798.8	767.6	736.4	705.2	682.7	653.3
-50°	781.5	774.6	764.2	748.6	726.0	712.2	691.4	663.7	634.2	615.1	594.3
-52.5°	700.0	693.1	686.2	674.1	656.7	642.9	625.5	603.0	578.7	559.7	542.4
-55°	637.7	627.3	622.1	611.7	597.8	582.2	566.6	551.0	530.2	512.9	495.6
-57.5°	589.1	575.3	568.4	559.7	545.8	530.2	518.1	502.5	488.6	469.6	454.0
-60°	551.0	535.4	521.6	512.9	500.8	485.2	473.1	460.9	447.1	431.5	412.4
-62.5°	519.8	500.8	481.7	471.3	459.2	445.3	433.2	421.1	407.2	391.6	374.3
-65°	490.4	467.9	443.6	433.2	421.1	407.2	391.6	382.9	370.8	357.0	339.6
-67.5°	454.0	429.7	408.9	396.8	384.7	372.5	358.7	350.0	337.9	320.6	303.2
-70°	400.3	384.7	370.8	360.4	350.0	339.6	325.8	311.9	298.0	282.4	266.8
-72.5°	332.7	327.5	325.8	320.6	308.4	296.3	282.4	268.6	256.5	244.3	232.2
-75°	268.6	272.0	275.5	273.8	261.7	249.5	237.4	225.3	216.6	206.2	195.8
-77.5°	213.1	216.6	220.1	220.1	211.4	204.5	195.8	187.1	180.2	171.5	161.1
-80°	164.6	169.8	175.0	178.5	171.5	166.3	159.4	152.5	145.6	138.6	131.7
-82.5°	124.8	130.0	135.2	138.6	133.4	130.0	124.8	119.6	114.4	107.4	102.2
-85°	90.1	93.6	97.0	98.8	95.3	91.8	88.4	84.9	81.4	76.2	72.8
-87.5°	52.0	53.7	55.4	57.2	53.7	50.3	48.5	45.1	43.3	39.9	38.1
-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-S-SA2D-760-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°	43.3	39.9	36.4	34.7	31.2	26.0	22.5	19.1	15.6	12.1	10.4
85°	91.8	83.2	72.8	67.6	60.6	53.7	46.8	39.9	32.9	26.0	19.1
82.5°	157.7	147.3	136.9	124.8	109.2	90.1	71.0	58.9	48.5	38.1	29.5
80°	237.4	218.3	201.0	185.4	168.1	143.8	117.8	93.6	65.8	50.3	38.1
77.5°	329.2	306.7	282.4	256.5	228.7	195.8	166.3	135.2	102.2	69.3	48.5
75°	433.2	403.7	370.8	334.4	298.0	254.7	213.1	176.7	138.6	97.0	58.9
72.5°	549.3	512.9	473.1	424.5	367.4	317.1	266.8	218.3	173.3	123.0	79.7
70°	698.3	641.1	582.2	530.2	457.5	377.7	318.8	263.4	206.2	150.8	100.5
67.5°	857.7	788.4	717.4	641.1	549.3	455.7	370.8	308.4	240.9	176.7	119.6
65°	1031.0	944.4	854.3	769.4	642.9	532.0	436.7	351.8	273.8	201.0	138.6
62.5°	1209.5	1107.2	1003.3	892.4	746.8	609.9	499.0	400.3	305.0	223.5	156.0
60°	1400.1	1280.5	1154.0	1015.4	845.6	694.8	558.0	450.5	337.9	246.1	175.0
57.5°	1601.1	1471.1	1322.1	1135.0	947.8	776.3	625.5	495.6	367.4	266.8	188.9
55°	1819.4	1670.4	1507.5	1259.7	1048.3	857.7	693.1	540.6	398.5	284.2	202.7
52.5°	2055.1	1881.8	1675.6	1391.4	1154.0	940.9	755.5	580.5	428.0	303.2	214.9
50°	2318.5	2100.1	1822.9	1512.7	1245.9	1018.9	817.9	623.8	452.3	324.0	225.3
47.5°	2592.2	2356.6	1954.6	1625.4	1339.4	1095.1	882.0	661.9	476.5	341.4	235.7
45°	2878.2	2535.1	2091.5	1725.9	1420.9	1164.4	930.5	696.6	506.0	357.0	244.3
42.5°	3160.6	2670.2	2211.0	1826.4	1497.1	1226.8	970.4	729.5	530.2	372.5	253.0
40°	3294.0	2772.5	2306.3	1895.7	1561.2	1282.3	1005.0	759.0	551.0	382.9	261.7
37.5°	3349.5	2834.8	2368.7	1961.5	1611.5	1311.7	1034.5	785.0	568.4	393.3	268.6
35°	3361.6	2857.4	2399.9	2006.6	1653.1	1339.4	1057.0	804.0	582.2	403.7	275.5
32.5°	3339.1	2850.4	2408.6	2022.2	1679.1	1360.2	1072.6	817.9	592.6	414.1	282.4
30°	3288.8	2814.0	2377.4	2020.4	1698.1	1372.4	1083.0	828.3	603.0	421.1	285.9
27.5°	3207.4	2749.9	2337.5	2022.2	1708.5	1377.6	1088.2	833.5	609.9	426.3	292.8
25°	3106.9	2663.3	2339.3	2018.7	1710.3	1379.3	1088.2	833.5	611.7	428.0	298.0
22.5°	2990.8	2663.3	2339.3	2013.5	1699.9	1375.8	1083.0	830.0	611.7	431.5	303.2
20°	2997.7	2665.0	2334.1	2003.1	1684.3	1365.4	1070.9	821.3	606.5	436.7	306.7
17.5°	3002.9	2661.6	2323.7	1989.2	1663.5	1348.1	1055.3	809.2	606.5	441.9	308.4
15°	3002.9	2651.2	2308.1	1968.4	1637.5	1323.8	1032.7	798.8	608.2	443.6	311.9
12.5°	2997.7	2632.1	2283.8	1940.7	1606.3	1294.4	1018.9	795.3	608.2	445.3	311.9
10°	2987.3	2606.1	2252.6	1906.1	1576.8	1284.0	1011.9	788.4	604.7	445.3	311.9
7.5°	2968.3	2574.9	2226.6	1885.3	1559.5	1271.9	1001.5	778.0	599.5	441.9	315.4
5°	2938.8	2557.6	2205.8	1861.0	1535.2	1263.2	994.6	769.4	596.1	441.9	311.9
2.5°	2900.7	2536.8	2181.6	1829.8	1507.5	1233.7	972.1	750.3	583.9	434.9	308.4
0°	2838.3	2495.2	2140.0	1786.5	1469.4	1204.3	949.6	731.2	571.8	428.0	305.0
-2.5°	2781.1	2439.8	2086.3	1741.4	1433.0	1178.3	932.2	720.8	566.6	426.3	303.2
-5°	2701.4	2363.5	2015.2	1682.5	1384.5	1152.3	914.9	708.7	561.4	422.8	303.2
-7.5°	2613.0	2283.8	1940.7	1621.9	1336.0	1107.2	882.0	689.6	549.3	415.9	301.5
-10°	2476.1	2164.2	1847.1	1552.6	1284.0	1067.4	854.3	672.3	538.9	408.9	294.6
-12.5°	2330.6	2032.6	1739.7	1467.7	1225.1	1025.8	823.1	653.3	526.8	402.0	291.1
-15°	2176.4	1897.4	1627.1	1379.3	1161.0	975.6	790.1	632.5	514.6	393.3	285.9
-17.5°	2015.2	1755.3	1511.0	1289.2	1096.9	923.6	755.5	613.4	500.8	384.7	280.7
-20°	1845.4	1609.8	1393.2	1197.4	1029.3	871.6	719.1	590.9	485.2	374.3	273.8



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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1677.3	1465.9	1271.9	1107.2	960.0	817.9	682.7	568.4	467.9	362.2	268.6
-25°	1528.3	1330.8	1164.4	1020.6	892.4	765.9	644.6	545.8	448.8	350.0	261.7
-27.5°	1382.8	1214.7	1058.7	939.2	826.5	715.6	608.2	521.6	429.7	336.2	254.7
-30°	1247.6	1103.8	975.6	859.5	764.2	670.6	577.0	497.3	408.9	322.3	246.1
-32.5°	1124.6	1008.5	901.0	790.1	705.2	625.5	547.6	473.1	388.1	308.4	237.4
-35°	1010.2	920.1	826.5	733.0	646.3	583.9	516.4	447.1	369.1	292.8	228.7
-37.5°	908.0	835.2	760.7	681.0	606.5	544.1	486.9	421.1	350.0	279.0	220.1
-40°	819.6	760.7	694.8	630.7	568.4	509.4	457.5	395.1	331.0	268.6	211.4
-42.5°	738.2	693.1	639.4	585.7	530.2	478.2	428.0	367.4	311.9	256.5	202.7
-45°	675.8	630.7	587.4	538.9	492.1	447.1	396.8	343.1	294.6	242.6	194.1
-47.5°	616.9	577.0	537.2	497.3	459.2	417.6	367.4	322.3	275.5	230.5	187.1
-50°	564.9	526.8	492.1	457.5	424.5	384.7	337.9	301.5	259.9	218.3	178.5
-52.5°	516.4	483.4	448.8	421.1	393.3	353.5	315.4	280.7	244.3	204.5	169.8
-55°	473.1	441.9	410.7	384.7	358.7	324.0	292.8	263.4	228.7	194.1	161.1
-57.5°	431.5	405.5	376.0	351.8	325.8	298.0	272.0	244.3	213.1	183.7	152.5
-60°	393.3	369.1	343.1	318.8	296.3	273.8	249.5	227.0	199.3	171.5	143.8
-62.5°	355.2	334.4	311.9	287.6	270.3	249.5	230.5	207.9	185.4	161.1	128.2
-65°	320.6	301.5	280.7	259.9	244.3	228.7	211.4	190.6	171.5	149.0	114.4
-67.5°	285.9	268.6	251.3	233.9	220.1	207.9	190.6	175.0	159.4	135.2	100.5
-70°	253.0	239.1	223.5	209.7	199.3	185.4	173.3	159.4	145.6	117.8	84.9
-72.5°	221.8	207.9	195.8	185.4	176.7	164.6	154.2	143.8	124.8	98.8	71.0
-75°	185.4	176.7	169.8	161.1	152.5	143.8	135.2	123.0	104.0	79.7	55.4
-77.5°	152.5	147.3	142.1	135.2	128.2	121.3	110.9	98.8	83.2	62.4	45.1
-80°	124.8	119.6	116.1	109.2	104.0	97.0	86.6	76.2	60.6	48.5	36.4
-82.5°	95.3	91.8	88.4	84.9	79.7	72.8	62.4	53.7	45.1	36.4	27.7
-85°	67.6	65.8	62.4	58.9	53.7	48.5	41.6	36.4	31.2	24.3	19.1
-87.5°	34.7	32.9	31.2	29.5	27.7	24.3	20.8	17.3	15.6	12.1	8.7
-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°	6.9	5.2	1.7	0.0
85°	13.9	8.7	3.5	0.0
82.5°	20.8	13.9	5.2	0.0
80°	27.7	17.3	8.7	0.0
77.5°	34.7	20.8	10.4	0.0
75°	41.6	26.0	12.1	0.0
72.5°	46.8	29.5	13.9	0.0
70°	55.4	34.7	15.6	0.0
67.5°	69.3	38.1	17.3	0.0
65°	81.4	41.6	19.1	0.0
62.5°	95.3	45.1	20.8	0.0
60°	107.4	48.5	22.5	0.0
57.5°	119.6	57.2	24.3	0.0
55°	130.0	64.1	26.0	0.0
52.5°	142.1	71.0	27.7	0.0
50°	152.5	78.0	29.5	0.0
47.5°	161.1	84.9	29.5	0.0
45°	168.1	90.1	31.2	0.0
42.5°	173.3	95.3	32.9	0.0
40°	178.5	100.5	34.7	0.0
37.5°	183.7	105.7	34.7	0.0
35°	188.9	110.9	36.4	0.0
32.5°	194.1	116.1	36.4	0.0
30°	197.5	119.6	38.1	0.0
27.5°	202.7	123.0	38.1	0.0
25°	204.5	126.5	39.9	0.0
22.5°	207.9	128.2	39.9	0.0
20°	211.4	131.7	39.9	0.0
17.5°	213.1	133.4	41.6	0.0
15°	213.1	135.2	43.3	0.0
12.5°	214.9	136.9	43.3	0.0
10°	214.9	140.4	41.6	0.0
7.5°	218.3	138.6	41.6	0.0
5°	216.6	138.6	41.6	0.0
2.5°	214.9	136.9	41.6	0.0
0°	213.1	136.9	41.6	0.0
-2.5°	213.1	136.9	41.6	0.0
-5°	213.1	136.9	41.6	0.0
-7.5°	211.4	138.6	41.6	0.0
-10°	207.9	138.6	41.6	0.0
-12.5°	206.2	133.4	41.6	0.0
-15°	204.5	131.7	41.6	0.0
-17.5°	201.0	130.0	39.9	0.0
-20°	197.5	128.2	39.9	0.0



REPORT NUMBER: P722136
 CATALOG NUMBER: IFLD-S-SA2D-760-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	194.1	124.8	39.9	0.0
-25°	190.6	121.3	38.1	0.0
-27.5°	187.1	117.8	38.1	0.0
-30°	181.9	114.4	36.4	0.0
-32.5°	176.7	110.9	36.4	0.0
-35°	173.3	105.7	34.7	0.0
-37.5°	168.1	100.5	34.7	0.0
-40°	162.9	95.3	32.9	0.0
-42.5°	157.7	90.1	31.2	0.0
-45°	150.8	84.9	31.2	0.0
-47.5°	145.6	79.7	29.5	0.0
-50°	136.9	72.8	27.7	0.0
-52.5°	126.5	65.8	26.0	0.0
-55°	116.1	60.6	24.3	0.0
-57.5°	105.7	53.7	24.3	0.0
-60°	95.3	46.8	22.5	0.0
-62.5°	84.9	43.3	20.8	0.0
-65°	74.5	39.9	19.1	0.0
-67.5°	62.4	34.7	17.3	0.0
-70°	52.0	31.2	15.6	0.0
-72.5°	45.1	27.7	13.9	0.0
-75°	38.1	24.3	12.1	0.0
-77.5°	32.9	20.8	10.4	0.0
-80°	26.0	15.6	6.9	0.0
-82.5°	19.1	12.1	5.2	0.0
-85°	12.1	8.7	3.5	0.0
-87.5°	6.9	3.5	1.7	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)