

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: P722083

Luminaire Tested: **IFLD-S-SA3D-740-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722083
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3D-740-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (48) 4000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

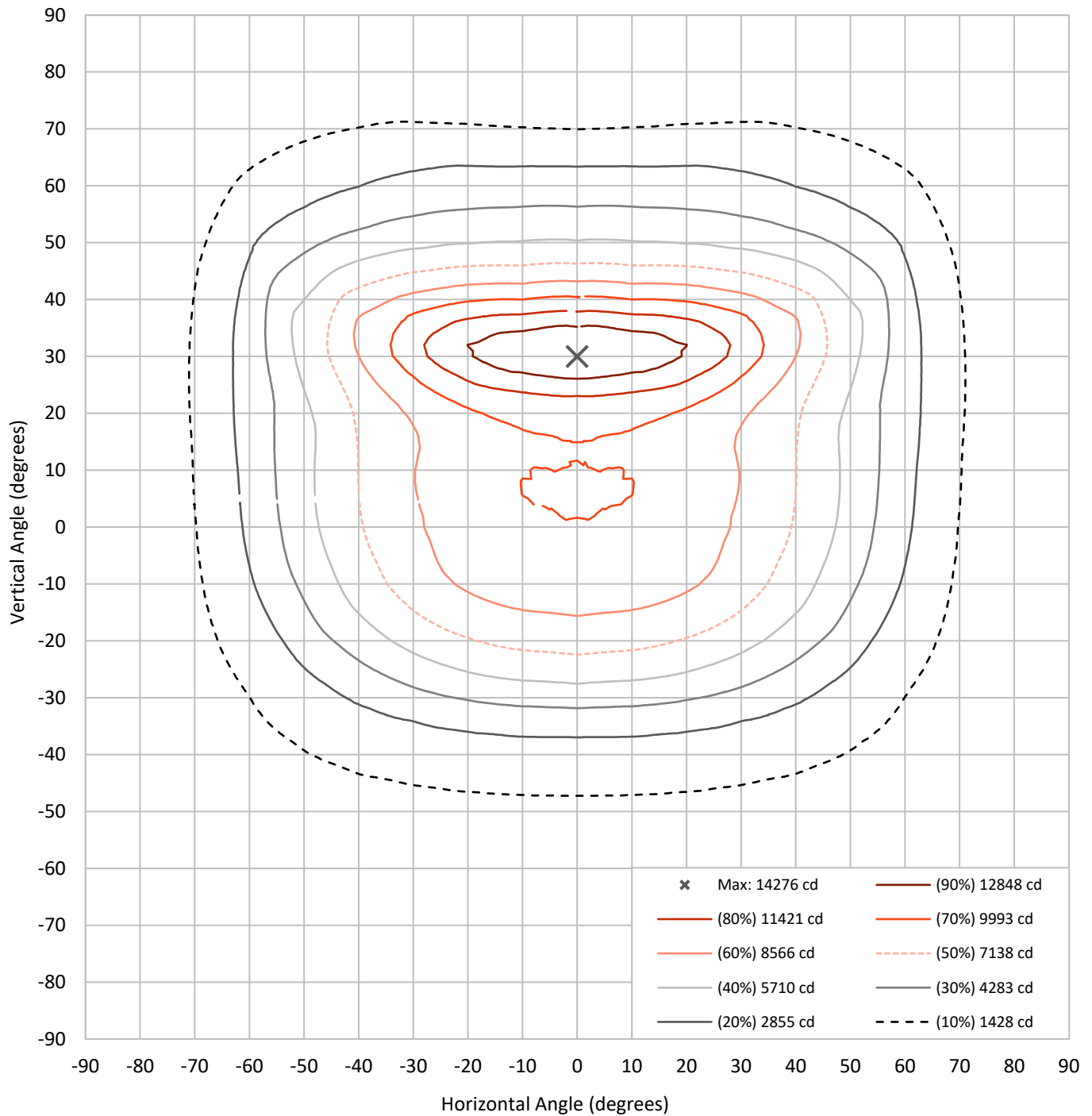
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	23830.3 lumens	Max Intensity:	14276 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	129.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' 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:	13857.6 lumens	Field Lumens:	22332 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%
Input Watts (W):	184.1		
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		



REPORT NUMBER: P722083
CATALOG NUMBER: IFLD-S-SA3D-740-U-76

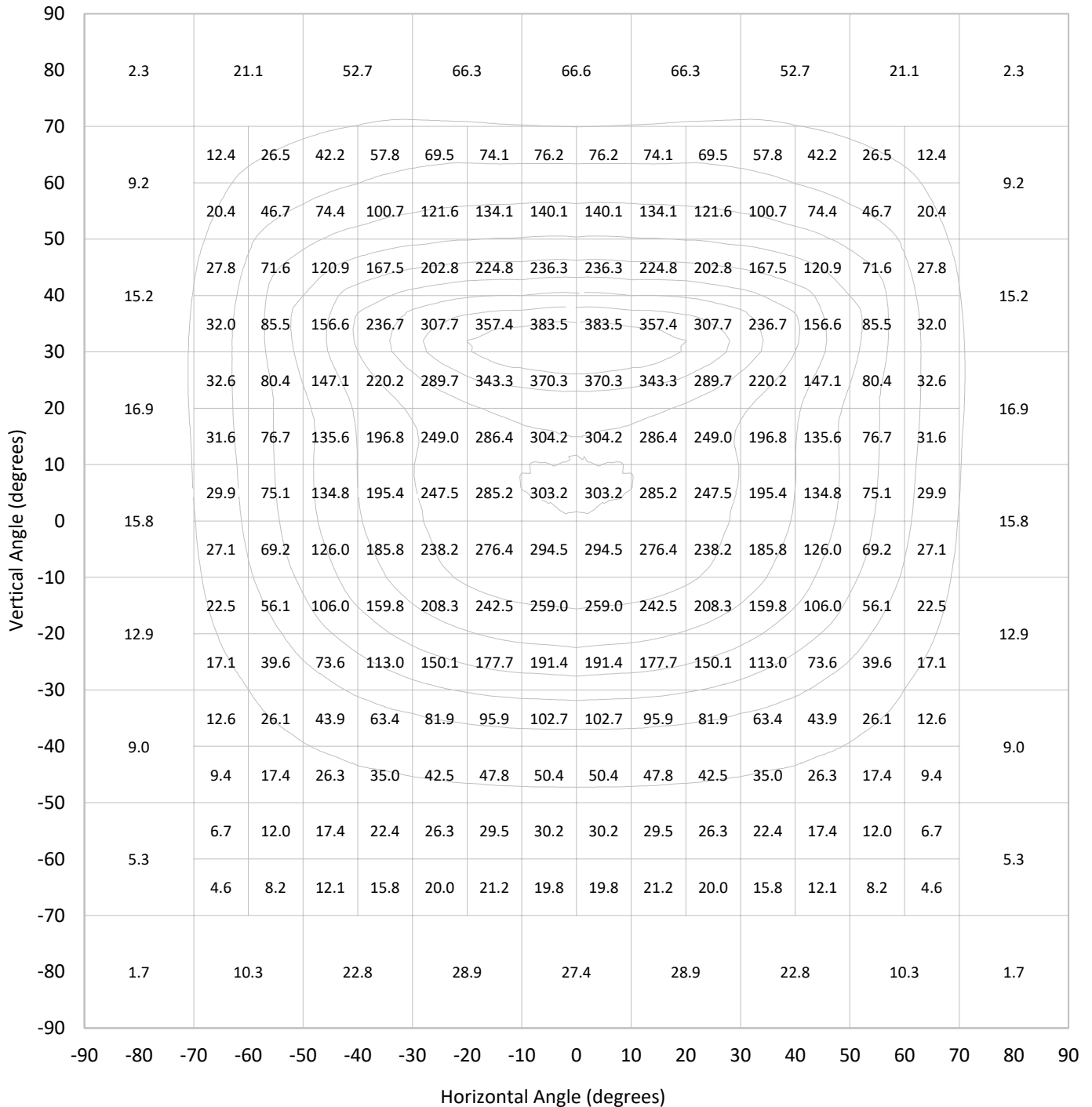
Iso-Candela Plot





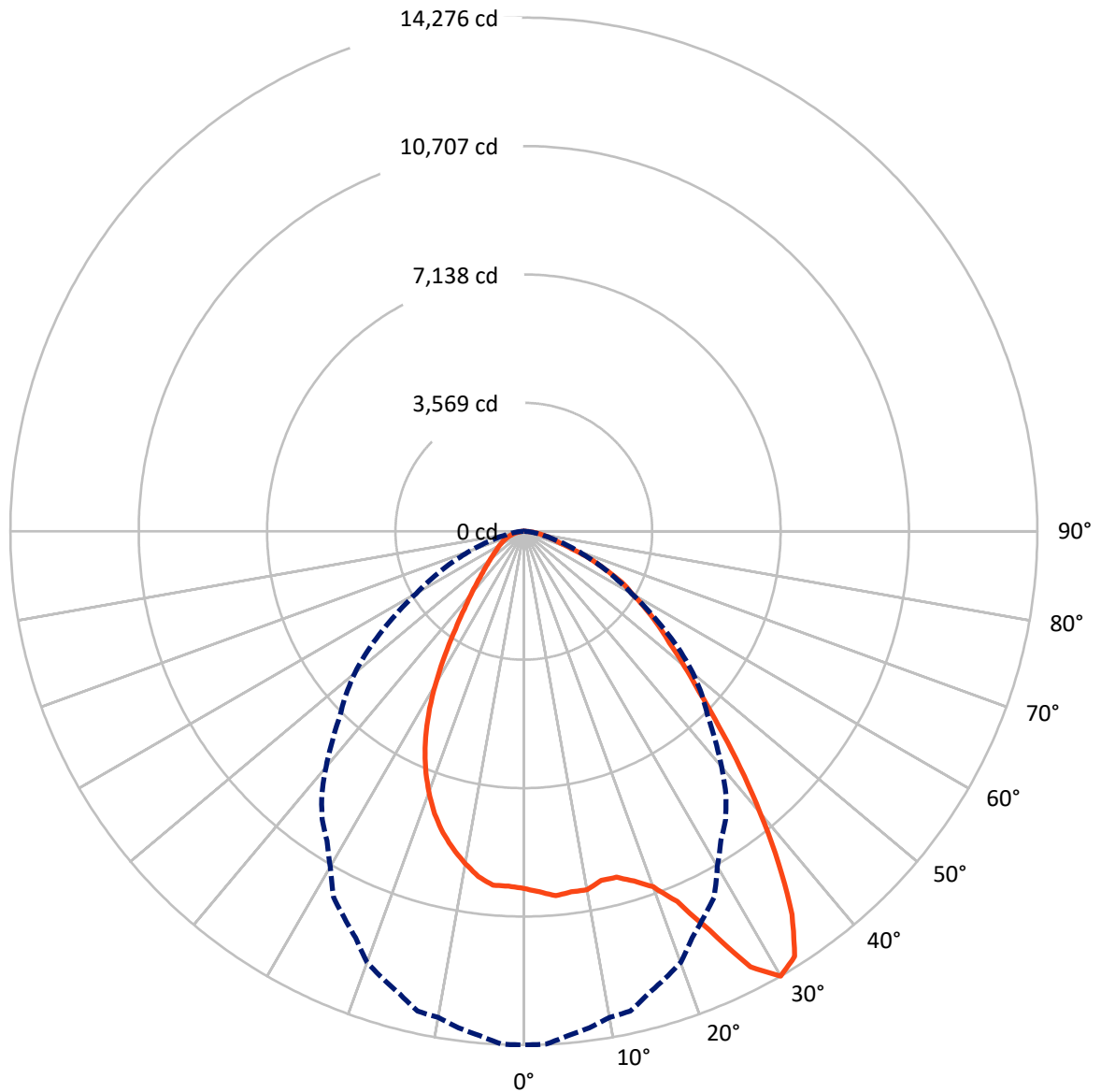
REPORT NUMBER: P722083
 CATALOG NUMBER: IFLD-S-SA3D-740-U-76

Lumen Table



REPORT NUMBER: P722083
CATALOG NUMBER: IFLD-S-SA3D-740-U-76

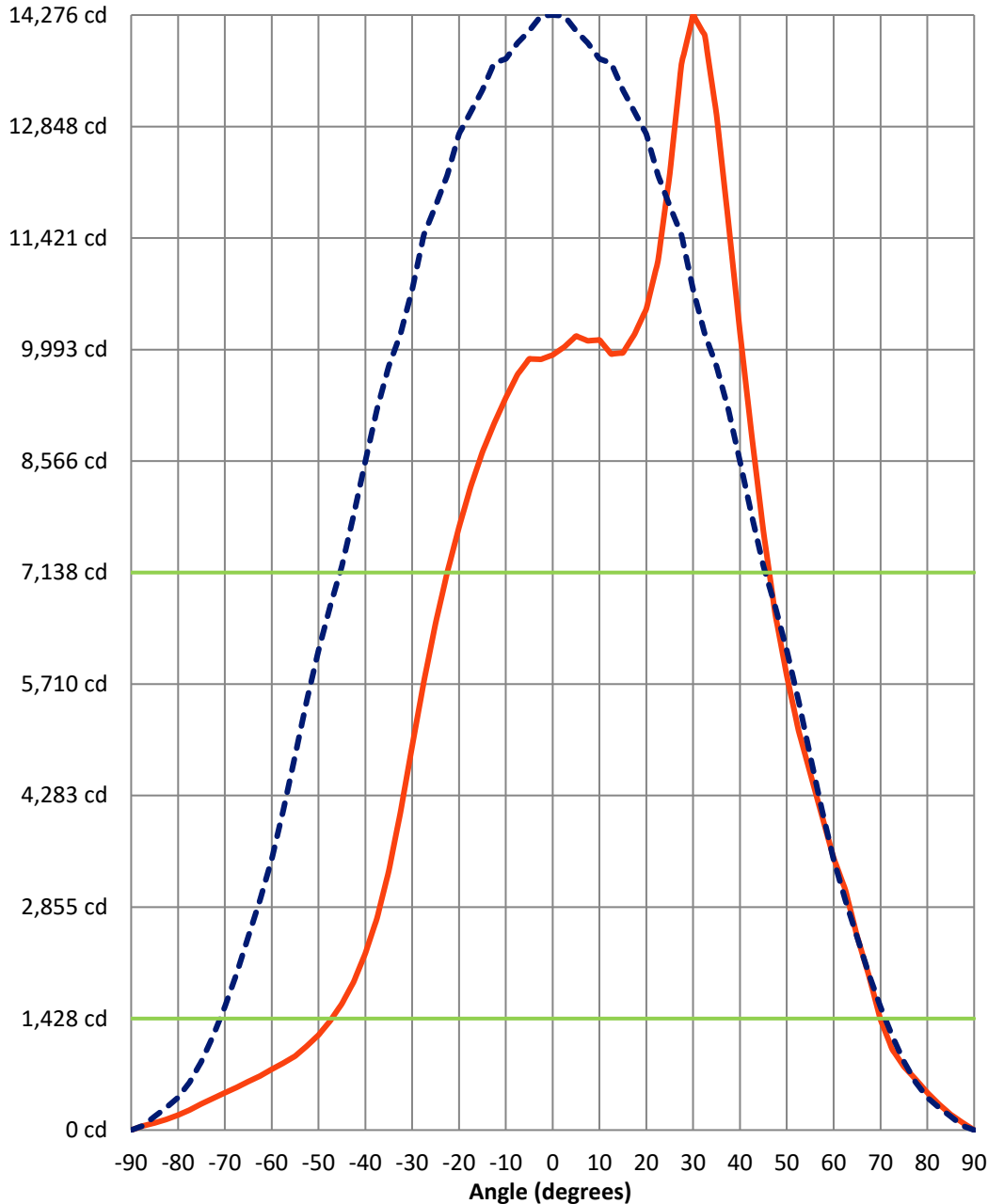
Luminous Intensity Polar Plot



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

REPORT NUMBER: P722083
 CATALOG NUMBER: IFLD-S-SA3D-740-U-76

Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 13857.6
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 22332
 Efficiency: 93.7%

Spill:
 Lumens: 1498.2
 Efficiency: 6.3%

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



REPORT NUMBER: P722083
 CATALOG NUMBER: IFLD-S-SA3D-740-U-76

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°	95.9	98.5	101.0	101.0	98.5	98.5	98.5	95.9	98.5	98.5	98.5
85°	199.4	204.5	209.5	207.0	204.5	199.4	194.4	196.9	199.4	202.0	202.0
82.5°	330.7	338.3	343.3	340.8	335.8	330.7	325.7	328.2	333.2	335.8	335.8
80°	479.7	482.2	484.7	489.8	482.2	482.2	479.7	489.8	494.8	499.8	504.9
77.5°	651.3	653.8	653.8	656.4	658.9	661.4	661.4	679.1	691.7	699.3	706.9
75°	812.9	820.5	828.0	835.6	845.7	850.8	858.3	883.6	903.8	918.9	934.1
72.5°	1035.0	1045.1	1057.8	1075.4	1093.1	1105.7	1123.4	1153.7	1176.4	1191.6	1209.2
70°	1416.2	1426.3	1439.0	1451.6	1469.3	1481.9	1499.5	1537.4	1560.1	1570.2	1580.3
67.5°	1981.7	2007.0	2029.7	2004.4	1991.8	1974.2	1979.2	2014.5	2037.3	2052.4	2049.9
65°	2484.1	2501.8	2501.8	2499.2	2489.2	2466.4	2479.1	2522.0	2547.2	2559.8	2522.0
62.5°	3074.8	3074.8	3062.2	3082.4	3084.9	3069.8	3062.2	3064.7	3067.3	3074.8	3011.7
60°	3483.8	3509.0	3516.6	3534.3	3539.3	3539.3	3552.0	3562.1	3562.1	3546.9	3473.7
57.5°	4024.0	4072.0	4082.1	4069.5	4044.2	4011.4	4006.4	3991.2	3960.9	3930.6	3895.3
55°	4569.3	4594.6	4592.1	4584.5	4559.2	4521.4	4526.4	4506.2	4458.3	4420.4	4372.4
52.5°	5117.1	5177.7	5187.8	5172.7	5137.3	5097.0	5099.5	5076.8	5028.8	4988.4	4922.8
50°	5816.4	5866.9	5861.9	5836.6	5786.1	5755.8	5758.4	5715.5	5659.9	5647.3	5561.5
47.5°	6616.7	6674.8	6664.7	6629.3	6561.2	6548.5	6561.2	6505.6	6472.8	6445.0	6344.1
45°	7666.9	7735.0	7697.2	7629.0	7520.5	7533.1	7550.8	7540.7	7470.0	7396.8	7268.0
42.5°	8898.8	8941.8	8896.3	8828.2	8691.8	8717.1	8707.0	8646.4	8603.5	8482.3	8318.2
40°	10216.6	10310.0	10239.3	10133.3	9991.9	10029.8	10002.0	9923.8	9822.8	9671.3	9464.3
37.5°	11637.9	11711.1	11630.3	11506.6	11380.4	11367.8	11312.3	11191.1	11047.2	10880.6	10549.9
35°	12998.6	13188.0	13039.0	12842.1	12688.1	12630.0	12577.0	12296.8	12132.7	11862.6	11410.7
32.5°	14010.9	14149.8	13965.5	13761.0	13574.2	13493.4	13306.6	12973.4	12885.0	12317.0	11903.0
30°	14276.0	14265.9	14074.1	13917.5	13715.6	13660.0	13316.7	13034.0	12751.2	12226.1	11832.3
27.5°	13644.9	13581.8	13397.5	13261.2	13061.7	12996.1	12657.8	12506.3	12069.6	11625.3	11292.1
25°	12238.7	12271.6	12132.7	12064.6	11933.3	11791.9	11658.1	11453.6	11181.0	10792.2	10486.7
22.5°	11130.5	11173.4	11115.3	11034.6	10933.6	10855.3	10754.3	10595.3	10332.8	10092.9	9805.1
20°	10514.5	10501.9	10451.4	10390.8	10294.9	10239.3	10128.3	9994.5	9792.5	9585.5	9275.0
17.5°	10191.4	10113.1	10065.2	10042.4	9991.9	9921.3	9790.0	9653.7	9497.1	9262.4	9035.2
15°	9951.6	9964.2	9926.3	9908.6	9868.2	9769.8	9636.0	9524.9	9312.9	9194.2	8987.2
12.5°	9936.4	9923.8	9926.3	9918.7	9868.2	9742.0	9673.9	9532.5	9396.2	9239.6	9002.3
10°	10115.6	9981.8	9991.9	10027.3	9946.5	9845.5	9772.3	9618.3	9489.6	9290.1	9055.4
7.5°	10105.5	10037.4	10057.6	9999.5	10024.8	9901.1	9800.1	9646.1	9484.5	9272.5	9060.4
5°	10166.1	10062.6	10045.0	10050.0	9986.9	9893.5	9757.2	9610.7	9459.3	9222.0	9004.9
2.5°	10027.3	10042.4	9961.7	9931.4	9923.8	9767.3	9641.0	9499.7	9343.2	9133.6	8939.2
0°	9923.8	9951.6	9868.2	9825.3	9822.8	9689.0	9608.2	9446.7	9335.6	9161.4	8926.6
-2.5°	9868.2	9901.1	9911.2	9832.9	9757.2	9653.7	9517.3	9343.2	9161.4	8959.4	8757.5
-5°	9873.3	9807.7	9779.9	9805.1	9739.5	9636.0	9484.5	9330.5	9151.3	8934.2	8681.7
-7.5°	9673.9	9608.2	9603.2	9590.6	9575.4	9477.0	9350.7	9184.1	9002.3	8800.4	8565.6
-10°	9376.0	9328.0	9315.4	9302.8	9262.4	9204.3	9085.7	8934.2	8770.1	8568.1	8318.2
-12.5°	9045.3	9022.5	8974.6	8941.8	8901.4	8833.2	8719.6	8580.8	8416.7	8237.4	8022.8
-15°	8679.2	8636.3	8588.3	8560.6	8502.5	8421.7	8308.1	8179.4	8000.1	7823.4	7621.4
-17.5°	8237.4	8184.4	8131.4	8123.8	8083.4	7959.7	7853.7	7697.2	7540.7	7371.5	7174.6
-20°	7717.4	7644.2	7608.8	7588.6	7533.1	7442.2	7328.6	7184.7	7033.2	6871.7	6644.5



REPORT NUMBER: P722083
 CATALOG NUMBER: IFLD-S-SA3D-740-U-76

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	7141.8	7078.7	7018.1	6980.2	6932.3	6861.6	6753.0	6626.8	6477.9	6296.1	6086.6
-25°	6487.9	6399.6	6361.7	6318.8	6293.6	6227.9	6121.9	6005.8	5851.8	5675.1	5475.6
-27.5°	5740.7	5670.0	5649.8	5589.2	5558.9	5490.8	5402.4	5293.9	5152.5	4985.9	4821.8
-30°	4915.2	4872.3	4839.5	4778.9	4756.1	4682.9	4624.9	4534.0	4405.2	4286.6	4155.3
-32.5°	4067.0	4024.0	4013.9	3986.2	3971.0	3923.1	3857.4	3791.8	3688.3	3599.9	3493.9
-35°	3314.7	3284.4	3286.9	3284.4	3269.2	3233.9	3153.1	3135.4	3059.7	2978.9	2910.7
-37.5°	2713.8	2716.4	2713.8	2711.3	2691.1	2676.0	2617.9	2595.2	2549.7	2471.5	2431.1
-40°	2261.9	2267.0	2264.5	2259.4	2236.7	2229.1	2191.3	2161.0	2143.3	2087.8	2044.8
-42.5°	1895.9	1903.5	1900.9	1898.4	1883.3	1880.7	1860.6	1825.2	1815.1	1782.3	1736.9
-45°	1618.2	1615.7	1610.6	1615.7	1608.1	1600.5	1587.9	1565.2	1552.6	1537.4	1499.5
-47.5°	1398.6	1401.1	1396.0	1396.0	1385.9	1378.4	1373.3	1358.2	1348.1	1335.5	1312.7
-50°	1216.8	1226.9	1224.4	1221.9	1214.3	1209.2	1209.2	1194.1	1178.9	1173.9	1158.7
-52.5°	1075.4	1083.0	1085.5	1090.6	1093.1	1095.6	1088.1	1072.9	1047.7	1045.1	1037.6
-55°	946.7	969.4	984.6	994.7	1004.7	1012.3	997.2	977.0	951.7	941.6	939.1
-57.5°	858.3	881.0	898.7	913.9	926.5	939.1	924.0	903.8	881.0	868.4	865.9
-60°	777.5	797.7	815.4	835.6	853.3	873.5	865.9	850.8	838.1	828.0	817.9
-62.5°	691.7	711.9	732.1	757.3	780.1	800.3	802.8	800.3	797.7	800.3	782.6
-65°	621.0	631.1	643.7	671.5	696.8	719.5	732.1	739.7	752.3	764.9	747.3
-67.5°	545.3	557.9	573.1	593.3	613.5	628.6	646.3	666.5	686.7	706.9	694.2
-70°	477.1	487.2	499.8	509.9	522.6	532.7	547.8	570.5	593.3	613.5	608.4
-72.5°	406.4	416.5	424.1	429.2	436.7	441.8	449.4	469.6	484.7	494.8	494.8
-75°	335.8	345.9	353.4	356.0	361.0	363.5	368.6	376.1	383.7	386.2	388.8
-77.5°	257.5	267.6	275.2	280.2	285.3	290.3	292.8	297.9	300.4	300.4	302.9
-80°	191.9	199.4	204.5	212.1	214.6	219.6	224.7	227.2	229.7	229.7	232.3
-82.5°	136.3	141.4	146.4	151.5	156.5	159.0	164.1	166.6	169.1	171.7	174.2
-85°	90.9	95.9	101.0	106.0	108.6	111.1	113.6	116.1	118.7	121.2	123.7
-87.5°	53.0	55.5	58.1	63.1	65.6	70.7	73.2	70.7	73.2	73.2	73.2
-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: P722083
 CATALOG NUMBER: IFLD-S-SA3D-740-U-76

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°	98.5	98.5	98.5	98.5	95.9	90.9	88.4	83.3	78.3	73.2	68.2
85°	204.5	207.0	207.0	207.0	202.0	199.4	191.9	184.3	174.2	159.0	146.4
82.5°	340.8	343.3	343.3	340.8	335.8	328.2	318.1	305.5	285.3	265.1	247.4
80°	512.5	515.0	515.0	512.5	499.8	487.2	474.6	459.5	434.2	406.4	376.1
77.5°	717.0	722.0	722.0	714.4	696.8	681.6	661.4	636.2	598.3	557.9	517.5
75°	954.3	966.9	969.4	961.8	939.1	911.3	878.5	835.6	777.5	727.1	679.1
72.5°	1229.4	1242.1	1252.1	1242.1	1209.2	1171.4	1123.4	1072.9	1014.8	946.7	865.9
70°	1590.4	1603.1	1610.6	1577.8	1519.7	1456.6	1398.6	1340.5	1272.3	1189.0	1100.7
67.5°	2044.8	2032.2	2017.1	1951.4	1878.2	1802.5	1721.7	1635.9	1547.5	1459.2	1355.7
65°	2481.6	2446.2	2413.4	2335.2	2241.8	2143.3	2049.9	1954.0	1847.9	1736.9	1638.4
62.5°	2941.0	2865.3	2784.5	2688.6	2592.7	2484.1	2390.7	2277.1	2158.4	2022.1	1895.9
60°	3392.9	3302.0	3221.3	3102.6	2976.4	2830.0	2729.0	2617.9	2479.1	2332.6	2183.7
57.5°	3829.7	3731.2	3642.8	3539.3	3403.0	3244.0	3132.9	2989.0	2842.6	2658.3	2506.8
55°	4294.2	4195.7	4125.0	4008.9	3860.0	3713.5	3592.4	3440.9	3236.4	3039.5	2852.7
52.5°	4826.8	4748.6	4672.8	4554.2	4374.9	4226.0	4092.2	3923.1	3708.5	3466.1	3241.5
50°	5422.6	5382.2	5301.4	5162.6	4958.1	4826.8	4650.1	4425.4	4195.7	3940.7	3660.5
47.5°	6212.8	6147.1	6033.5	5882.1	5710.4	5513.5	5276.2	5013.6	4688.0	4405.2	4107.4
45°	7156.9	7035.8	6889.3	6684.9	6472.8	6250.6	5990.6	5657.4	5220.7	4852.1	4539.0
42.5°	8179.4	8015.3	7815.8	7548.2	7273.1	7000.4	6720.2	6265.8	5720.5	5296.4	4943.0
40°	9247.2	9037.7	8787.8	8399.0	8093.5	7742.6	7422.0	6742.9	6162.3	5702.8	5326.7
37.5°	10292.4	10027.3	9608.2	9136.1	8780.2	8492.4	7788.1	7061.0	6541.0	6036.1	5654.9
35°	11092.6	10867.9	10128.3	9638.5	9333.1	8878.6	7997.6	7252.9	6702.5	6283.5	5690.2
32.5°	11567.2	10986.6	10337.8	9843.0	9590.6	8845.8	8012.7	7308.4	6778.3	6308.7	5599.3
30°	11461.2	10759.4	10191.4	9777.4	9229.6	8560.6	7871.4	7222.6	6707.6	6139.6	5498.3
27.5°	10822.5	10279.7	9772.3	9340.6	8802.9	8202.1	7565.9	6995.4	6515.7	5965.4	5359.5
25°	10100.5	9608.2	9232.1	8855.9	8346.0	7772.9	7212.5	6801.0	6318.8	5776.0	5177.7
22.5°	9436.6	9083.1	8787.8	8393.9	7896.6	7396.8	7048.4	6621.7	6126.9	5576.6	4990.9
20°	9012.4	8772.6	8434.3	8000.1	7608.8	7295.8	6909.5	6457.7	5947.7	5372.1	4831.9
17.5°	8808.0	8530.3	8154.1	7871.4	7571.0	7227.6	6795.9	6316.3	5773.5	5278.7	4849.6
15°	8701.9	8409.1	8161.7	7884.0	7545.7	7184.7	6705.1	6207.7	5773.5	5316.6	4862.2
12.5°	8724.7	8472.2	8202.1	7899.1	7535.6	7149.4	6715.2	6253.2	5803.8	5344.4	4864.7
10°	8795.3	8530.3	8242.5	7906.7	7540.7	7159.5	6742.9	6280.9	5819.0	5357.0	4859.7
7.5°	8820.6	8532.8	8224.8	7886.5	7528.0	7154.4	6748.0	6288.5	5821.5	5354.5	4844.5
5°	8742.3	8482.3	8184.4	7843.6	7492.7	7129.2	6727.8	6278.4	5801.3	5329.2	4806.6
2.5°	8636.3	8426.8	8141.5	7813.3	7457.4	7093.8	6695.0	6233.0	5755.8	5283.8	4758.7
0°	8618.6	8358.6	8070.8	7778.0	7399.3	7015.6	6619.2	6147.1	5672.5	5197.9	4675.4
-2.5°	8502.5	8227.3	7939.5	7621.4	7288.2	6902.0	6485.4	6023.4	5553.9	5086.9	4584.5
-5°	8414.1	8108.7	7803.2	7459.9	7124.1	6737.9	6306.2	5856.8	5397.4	4943.0	4458.3
-7.5°	8295.5	7982.5	7661.8	7303.4	6939.8	6546.0	6119.4	5670.0	5218.1	4766.2	4301.7
-10°	8055.7	7780.5	7480.1	7109.0	6725.3	6331.4	5907.3	5465.5	5013.6	4556.7	4089.7
-12.5°	7765.3	7475.0	7146.8	6806.0	6462.7	6096.7	5672.5	5238.3	4783.9	4324.5	3860.0
-15°	7389.2	7103.9	6768.2	6434.9	6104.2	5753.3	5379.7	4988.4	4526.4	4074.5	3610.0
-17.5°	6919.6	6652.0	6351.6	6033.5	5705.4	5351.9	4988.4	4657.7	4226.0	3801.9	3342.4
-20°	6414.7	6164.8	5894.7	5594.3	5266.1	4920.2	4576.9	4231.1	3857.4	3483.8	3057.2



REPORT NUMBER: P722083
 CATALOG NUMBER: IFLD-S-SA3D-740-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	5889.6	5637.2	5364.5	5084.3	4781.4	4460.8	4142.7	3812.0	3483.8	3145.5	2784.5
-25°	5283.8	5061.6	4811.7	4539.0	4268.9	3988.7	3685.8	3385.3	3105.1	2812.3	2516.9
-27.5°	4650.1	4445.6	4218.4	3981.1	3748.9	3514.1	3251.5	2973.9	2741.6	2499.2	2254.4
-30°	3983.7	3819.6	3635.3	3428.3	3249.0	3059.7	2840.1	2610.3	2398.3	2214.0	2017.1
-32.5°	3352.5	3213.7	3082.4	2946.1	2769.4	2622.9	2471.5	2302.3	2115.5	1941.3	1800.0
-35°	2809.8	2660.8	2605.3	2504.3	2378.1	2249.3	2138.2	2017.1	1875.7	1721.7	1605.6
-37.5°	2352.8	2264.5	2186.2	2130.7	2047.4	1943.9	1855.5	1767.1	1658.6	1542.5	1426.3
-40°	1996.9	1936.3	1850.5	1822.7	1769.7	1699.0	1608.1	1539.9	1466.7	1378.4	1279.9
-42.5°	1711.6	1666.2	1610.6	1562.7	1539.9	1489.5	1418.8	1353.1	1295.1	1234.5	1158.7
-45°	1476.8	1446.5	1411.2	1368.3	1350.6	1310.2	1259.7	1186.5	1153.7	1103.2	1047.7
-47.5°	1287.5	1272.3	1247.1	1219.3	1194.1	1163.8	1118.4	1072.9	1027.5	994.7	951.7
-50°	1138.5	1128.4	1113.3	1090.6	1057.8	1037.6	1007.3	966.9	924.0	896.2	865.9
-52.5°	1019.9	1009.8	999.7	982.0	956.8	936.6	911.3	878.5	843.2	815.4	790.2
-55°	929.0	913.9	906.3	891.1	871.0	848.2	825.5	802.8	772.5	747.3	722.0
-57.5°	858.3	838.1	828.0	815.4	795.2	772.5	754.8	732.1	711.9	684.1	661.4
-60°	802.8	780.1	759.9	747.3	729.6	706.9	689.2	671.5	651.3	628.6	600.8
-62.5°	757.3	729.6	701.8	686.7	669.0	648.8	631.1	613.5	593.3	570.5	545.3
-65°	714.4	681.6	646.3	631.1	613.5	593.3	570.5	557.9	540.2	520.0	494.8
-67.5°	661.4	626.1	595.8	578.1	560.4	542.8	522.6	509.9	492.3	467.0	441.8
-70°	583.2	560.4	540.2	525.1	509.9	494.8	474.6	454.4	434.2	411.5	388.8
-72.5°	484.7	477.1	474.6	467.0	449.4	431.7	411.5	391.3	373.6	356.0	338.3
-75°	391.3	396.3	401.4	398.9	381.2	363.5	345.9	328.2	315.6	300.4	285.3
-77.5°	310.5	315.6	320.6	320.6	308.0	297.9	285.3	272.6	262.5	249.9	234.8
-80°	239.8	247.4	255.0	260.0	249.9	242.4	232.3	222.2	212.1	202.0	191.9
-82.5°	181.8	189.3	196.9	202.0	194.4	189.3	181.8	174.2	166.6	156.5	148.9
-85°	131.3	136.3	141.4	143.9	138.8	133.8	128.7	123.7	118.7	111.1	106.0
-87.5°	75.7	78.3	80.8	83.3	78.3	73.2	70.7	65.6	63.1	58.1	55.5
-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: P722083
 CATALOG NUMBER: IFLD-S-SA3D-740-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°	63.1	58.1	53.0	50.5	45.4	37.9	32.8	27.8	22.7	17.7	15.1
85°	133.8	121.2	106.0	98.5	88.4	78.3	68.2	58.1	48.0	37.9	27.8
82.5°	229.7	214.6	199.4	181.8	159.0	131.3	103.5	85.8	70.7	55.5	42.9
80°	345.9	318.1	292.8	270.1	244.9	209.5	171.7	136.3	95.9	73.2	55.5
77.5°	479.7	446.8	411.5	373.6	333.2	285.3	242.4	196.9	148.9	101.0	70.7
75°	631.1	588.2	540.2	487.2	434.2	371.1	310.5	257.5	202.0	141.4	85.8
72.5°	800.3	747.3	689.2	618.5	535.2	462.0	388.8	318.1	252.4	179.2	116.1
70°	1017.4	934.1	848.2	772.5	666.5	550.3	464.5	383.7	300.4	219.6	146.4
67.5°	1249.6	1148.6	1045.1	934.1	800.3	663.9	540.2	449.4	350.9	257.5	174.2
65°	1502.1	1375.8	1244.6	1120.9	936.6	775.0	636.2	512.5	398.9	292.8	202.0
62.5°	1762.1	1613.2	1461.7	1300.1	1088.1	888.6	727.1	583.2	444.3	325.7	227.2
60°	2039.8	1865.6	1681.3	1479.4	1232.0	1012.3	812.9	656.4	492.3	358.5	255.0
57.5°	2332.6	2143.3	1926.2	1653.5	1380.9	1131.0	911.3	722.0	535.2	388.8	275.2
55°	2650.7	2433.6	2196.3	1835.3	1527.3	1249.6	1009.8	787.6	580.6	414.0	295.4
52.5°	2994.0	2741.6	2441.2	2027.2	1681.3	1370.8	1100.7	845.7	623.6	441.8	313.0
50°	3377.8	3059.7	2655.8	2203.9	1815.1	1484.4	1191.6	908.8	658.9	472.1	328.2
47.5°	3776.6	3433.3	2847.6	2368.0	1951.4	1595.5	1285.0	964.4	694.2	497.3	343.3
45°	4193.2	3693.3	3047.1	2514.4	2070.1	1696.5	1355.7	1014.8	737.2	520.0	356.0
42.5°	4604.7	3890.2	3221.3	2660.8	2181.2	1787.3	1413.7	1062.8	772.5	542.8	368.6
40°	4799.1	4039.2	3360.1	2761.8	2274.6	1868.1	1464.2	1105.7	802.8	557.9	381.2
37.5°	4879.8	4130.1	3451.0	2857.7	2347.8	1911.0	1507.1	1143.6	828.0	573.1	391.3
35°	4897.5	4162.9	3496.4	2923.4	2408.4	1951.4	1539.9	1171.4	848.2	588.2	401.4
32.5°	4864.7	4152.8	3509.0	2946.1	2446.2	1981.7	1562.7	1191.6	863.4	603.4	411.5
30°	4791.5	4099.8	3463.6	2943.6	2474.0	1999.4	1577.8	1206.7	878.5	613.5	416.5
27.5°	4672.8	4006.4	3405.5	2946.1	2489.2	2007.0	1585.4	1214.3	888.6	621.0	426.6
25°	4526.4	3880.1	3408.1	2941.0	2491.7	2009.5	1585.4	1214.3	891.1	623.6	434.2
22.5°	4357.3	3880.1	3408.1	2933.5	2476.5	2004.4	1577.8	1209.2	891.1	628.6	441.8
20°	4367.4	3882.7	3400.5	2918.3	2453.8	1989.3	1560.1	1196.6	883.6	636.2	446.8
17.5°	4374.9	3877.6	3385.3	2898.1	2423.5	1964.1	1537.4	1178.9	883.6	643.7	449.4
15°	4374.9	3862.5	3362.6	2867.8	2385.6	1928.7	1504.6	1163.8	886.1	646.3	454.4
12.5°	4367.4	3834.7	3327.3	2827.4	2340.2	1885.8	1484.4	1158.7	886.1	648.8	454.4
10°	4352.2	3796.8	3281.8	2776.9	2297.3	1870.7	1474.3	1148.6	881.0	648.8	454.4
7.5°	4324.5	3751.4	3244.0	2746.6	2272.0	1853.0	1459.2	1133.5	873.5	643.7	459.5
5°	4281.5	3726.2	3213.7	2711.3	2236.7	1840.4	1449.1	1120.9	868.4	643.7	454.4
2.5°	4226.0	3695.9	3178.3	2665.9	2196.3	1797.4	1416.2	1093.1	850.8	633.6	449.4
0°	4135.1	3635.3	3117.8	2602.8	2140.8	1754.5	1383.4	1065.3	833.1	623.6	444.3
-2.5°	4051.8	3554.5	3039.5	2537.1	2087.8	1716.7	1358.2	1050.2	825.5	621.0	441.8
-5°	3935.7	3443.4	2936.0	2451.3	2017.1	1678.8	1332.9	1032.5	817.9	616.0	441.8
-7.5°	3806.9	3327.3	2827.4	2362.9	1946.4	1613.2	1285.0	1004.7	800.3	605.9	439.3
-10°	3607.5	3153.1	2691.1	2261.9	1870.7	1555.1	1244.6	979.5	785.1	595.8	429.2
-12.5°	3395.4	2961.2	2534.6	2138.2	1784.8	1494.5	1199.1	951.7	767.4	585.7	424.1
-15°	3170.8	2764.3	2370.5	2009.5	1691.4	1421.3	1151.2	921.4	749.8	573.1	416.5
-17.5°	2936.0	2557.3	2201.4	1878.2	1598.0	1345.6	1100.7	893.7	729.6	560.4	409.0
-20°	2688.6	2345.3	2029.7	1744.4	1499.5	1269.8	1047.7	860.9	706.9	545.3	398.9



REPORT NUMBER: P722083
 CATALOG NUMBER: IFLD-S-SA3D-740-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2443.7	2135.7	1853.0	1613.2	1398.6	1191.6	994.7	828.0	681.6	527.6	391.3
-25°	2226.6	1938.8	1696.5	1486.9	1300.1	1115.8	939.1	795.2	653.8	509.9	381.2
-27.5°	2014.5	1769.7	1542.5	1368.3	1204.2	1042.6	886.1	759.9	626.1	489.8	371.1
-30°	1817.6	1608.1	1421.3	1252.1	1113.3	977.0	840.7	724.5	595.8	469.6	358.5
-32.5°	1638.4	1469.3	1312.7	1151.2	1027.5	911.3	797.7	689.2	565.5	449.4	345.9
-35°	1471.8	1340.5	1204.2	1067.9	941.6	850.8	752.3	651.3	537.7	426.6	333.2
-37.5°	1322.8	1216.8	1108.3	992.1	883.6	792.7	709.4	613.5	509.9	406.4	320.6
-40°	1194.1	1108.3	1012.3	918.9	828.0	742.2	666.5	575.6	482.2	391.3	308.0
-42.5°	1075.4	1009.8	931.5	853.3	772.5	696.8	623.6	535.2	454.4	373.6	295.4
-45°	984.6	918.9	855.8	785.1	717.0	651.3	578.1	499.8	429.2	353.4	282.7
-47.5°	898.7	840.7	782.6	724.5	669.0	608.4	535.2	469.6	401.4	335.8	272.6
-50°	823.0	767.4	717.0	666.5	618.5	560.4	492.3	439.3	378.7	318.1	260.0
-52.5°	752.3	704.3	653.8	613.5	573.1	515.0	459.5	409.0	356.0	297.9	247.4
-55°	689.2	643.7	598.3	560.4	522.6	472.1	426.6	383.7	333.2	282.7	234.8
-57.5°	628.6	590.7	547.8	512.5	474.6	434.2	396.3	356.0	310.5	267.6	222.2
-60°	573.1	537.7	499.8	464.5	431.7	398.9	363.5	330.7	290.3	249.9	209.5
-62.5°	517.5	487.2	454.4	419.1	393.8	363.5	335.8	302.9	270.1	234.8	186.8
-65°	467.0	439.3	409.0	378.7	356.0	333.2	308.0	277.7	249.9	217.1	166.6
-67.5°	416.5	391.3	366.1	340.8	320.6	302.9	277.7	255.0	232.3	196.9	146.4
-70°	368.6	348.4	325.7	305.5	290.3	270.1	252.4	232.3	212.1	171.7	123.7
-72.5°	323.1	302.9	285.3	270.1	257.5	239.8	224.7	209.5	181.8	143.9	103.5
-75°	270.1	257.5	247.4	234.8	222.2	209.5	196.9	179.2	151.5	116.1	80.8
-77.5°	222.2	214.6	207.0	196.9	186.8	176.7	161.6	143.9	121.2	90.9	65.6
-80°	181.8	174.2	169.1	159.0	151.5	141.4	126.2	111.1	88.4	70.7	53.0
-82.5°	138.8	133.8	128.7	123.7	116.1	106.0	90.9	78.3	65.6	53.0	40.4
-85°	98.5	95.9	90.9	85.8	78.3	70.7	60.6	53.0	45.4	35.3	27.8
-87.5°	50.5	48.0	45.4	42.9	40.4	35.3	30.3	25.2	22.7	17.7	12.6
-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: P722083
 CATALOG NUMBER: IFLD-S-SA3D-740-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	10.1	7.6	2.5	0.0
85°	20.2	12.6	5.0	0.0
82.5°	30.3	20.2	7.6	0.0
80°	40.4	25.2	12.6	0.0
77.5°	50.5	30.3	15.1	0.0
75°	60.6	37.9	17.7	0.0
72.5°	68.2	42.9	20.2	0.0
70°	80.8	50.5	22.7	0.0
67.5°	101.0	55.5	25.2	0.0
65°	118.7	60.6	27.8	0.0
62.5°	138.8	65.6	30.3	0.0
60°	156.5	70.7	32.8	0.0
57.5°	174.2	83.3	35.3	0.0
55°	189.3	93.4	37.9	0.0
52.5°	207.0	103.5	40.4	0.0
50°	222.2	113.6	42.9	0.0
47.5°	234.8	123.7	42.9	0.0
45°	244.9	131.3	45.4	0.0
42.5°	252.4	138.8	48.0	0.0
40°	260.0	146.4	50.5	0.0
37.5°	267.6	154.0	50.5	0.0
35°	275.2	161.6	53.0	0.0
32.5°	282.7	169.1	53.0	0.0
30°	287.8	174.2	55.5	0.0
27.5°	295.4	179.2	55.5	0.0
25°	297.9	184.3	58.1	0.0
22.5°	302.9	186.8	58.1	0.0
20°	308.0	191.9	58.1	0.0
17.5°	310.5	194.4	60.6	0.0
15°	310.5	196.9	63.1	0.0
12.5°	313.0	199.4	63.1	0.0
10°	313.0	204.5	60.6	0.0
7.5°	318.1	202.0	60.6	0.0
5°	315.6	202.0	60.6	0.0
2.5°	313.0	199.4	60.6	0.0
0°	310.5	199.4	60.6	0.0
-2.5°	310.5	199.4	60.6	0.0
-5°	310.5	199.4	60.6	0.0
-7.5°	308.0	202.0	60.6	0.0
-10°	302.9	202.0	60.6	0.0
-12.5°	300.4	194.4	60.6	0.0
-15°	297.9	191.9	60.6	0.0
-17.5°	292.8	189.3	58.1	0.0
-20°	287.8	186.8	58.1	0.0



REPORT NUMBER: P722083

CATALOG NUMBER: IFLD-S-SA3D-740-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	282.7	181.8	58.1	0.0
-25°	277.7	176.7	55.5	0.0
-27.5°	272.6	171.7	55.5	0.0
-30°	265.1	166.6	53.0	0.0
-32.5°	257.5	161.6	53.0	0.0
-35°	252.4	154.0	50.5	0.0
-37.5°	244.9	146.4	50.5	0.0
-40°	237.3	138.8	48.0	0.0
-42.5°	229.7	131.3	45.4	0.0
-45°	219.6	123.7	45.4	0.0
-47.5°	212.1	116.1	42.9	0.0
-50°	199.4	106.0	40.4	0.0
-52.5°	184.3	95.9	37.9	0.0
-55°	169.1	88.4	35.3	0.0
-57.5°	154.0	78.3	35.3	0.0
-60°	138.8	68.2	32.8	0.0
-62.5°	123.7	63.1	30.3	0.0
-65°	108.6	58.1	27.8	0.0
-67.5°	90.9	50.5	25.2	0.0
-70°	75.7	45.4	22.7	0.0
-72.5°	65.6	40.4	20.2	0.0
-75°	55.5	35.3	17.7	0.0
-77.5°	48.0	30.3	15.1	0.0
-80°	37.9	22.7	10.1	0.0
-82.5°	27.8	17.7	7.6	0.0
-85°	17.7	12.6	5.0	0.0
-87.5°	10.1	5.0	2.5	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)