

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: P722242

Luminaire Tested: **IFLD-L-SA7C-927-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722242
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7C-927-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (112) 2700K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

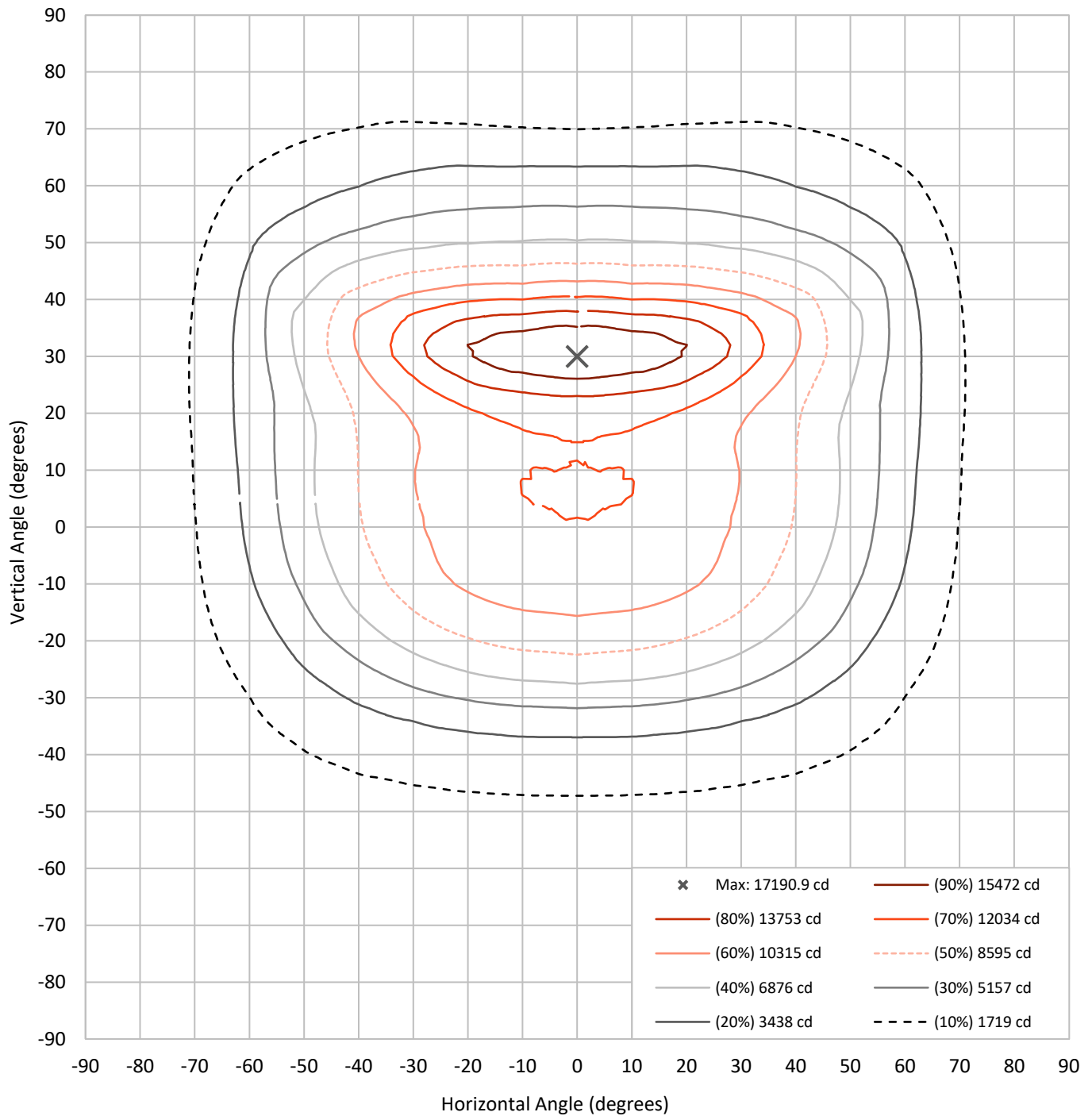
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	28695.9 lumens	Max Intensity:	17190.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	77.8 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	16687 lumens	Field Lumens:	26891.8 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 369
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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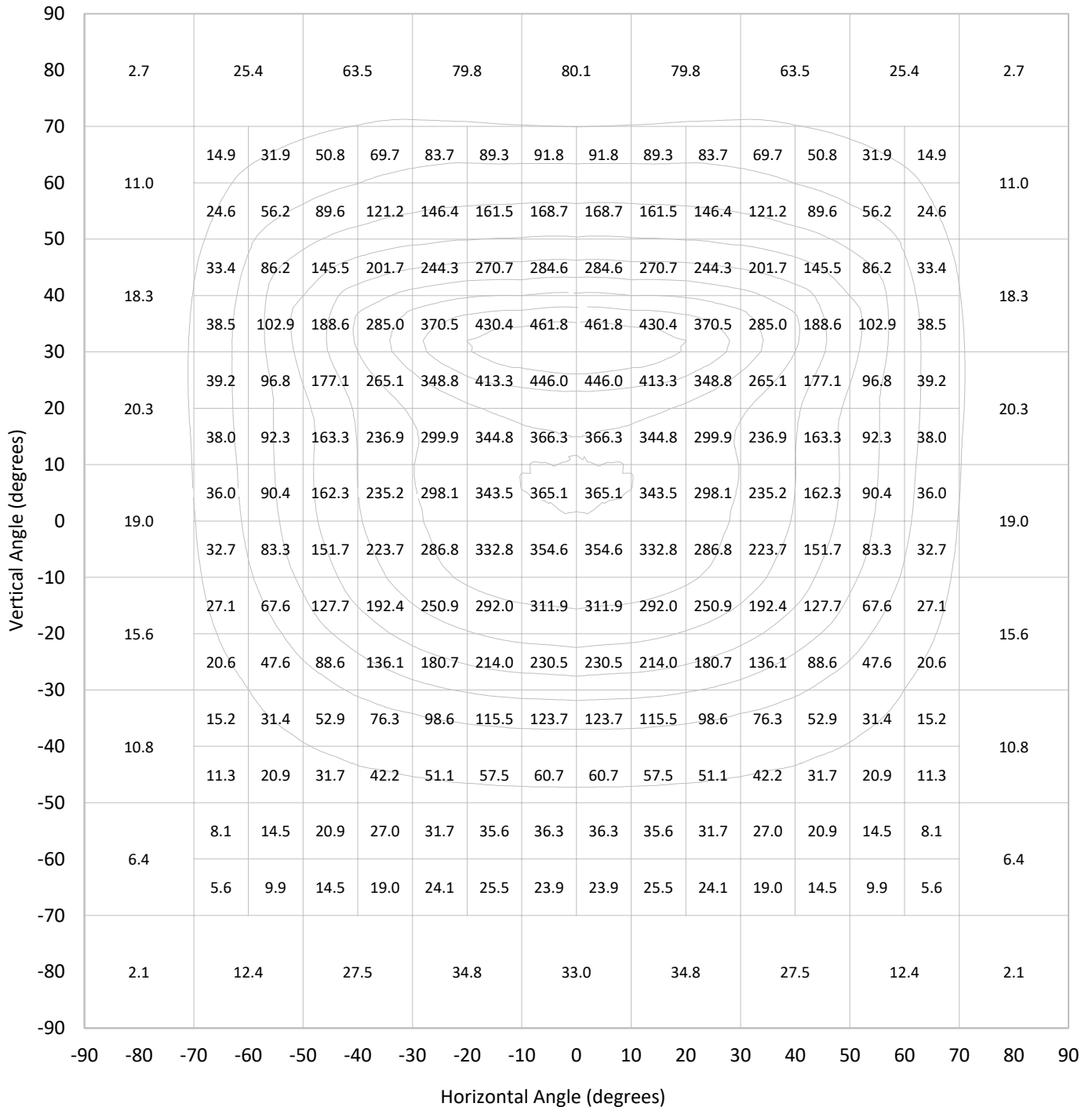
Iso-Candela Plot





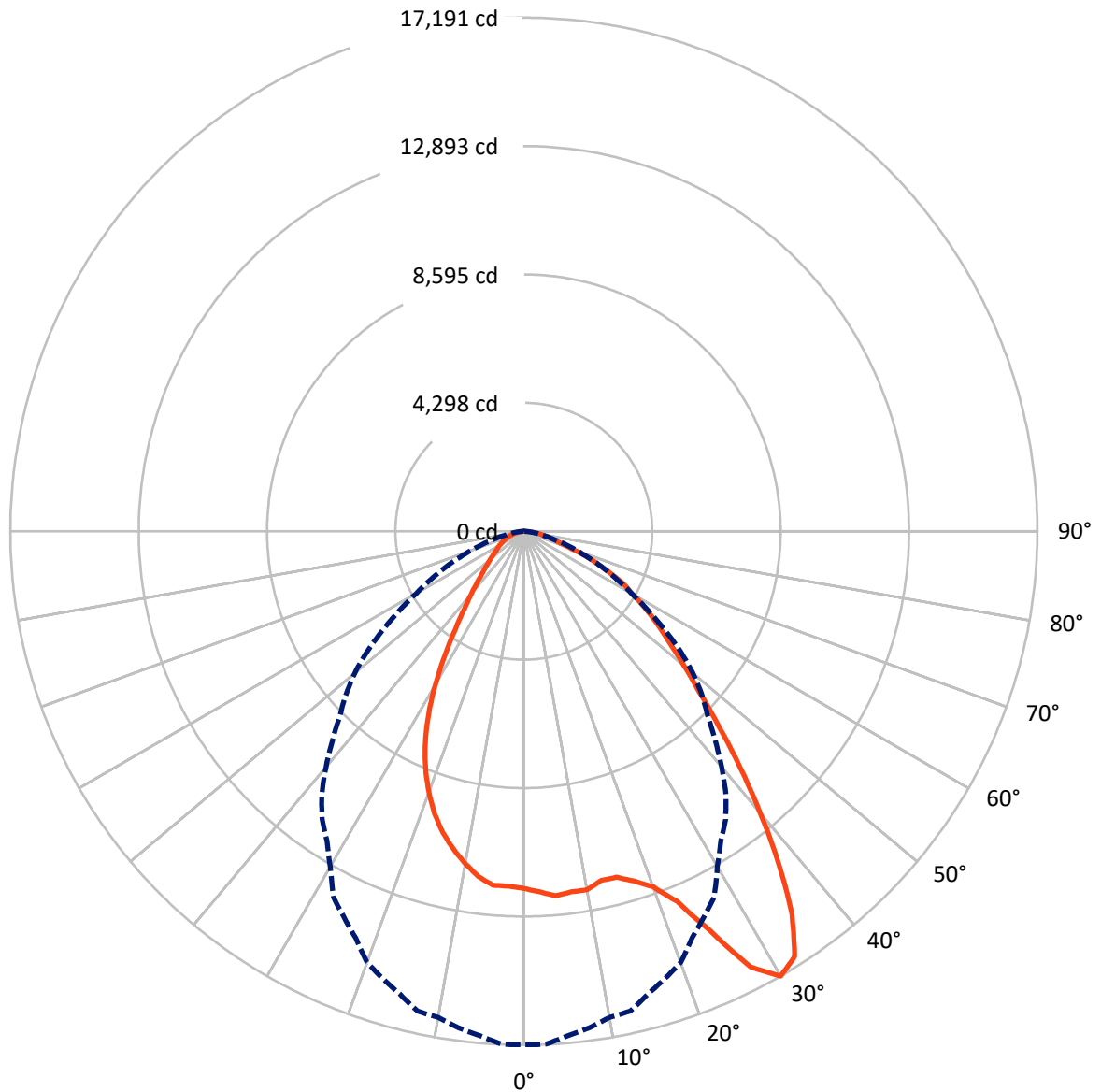
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Lumen Table



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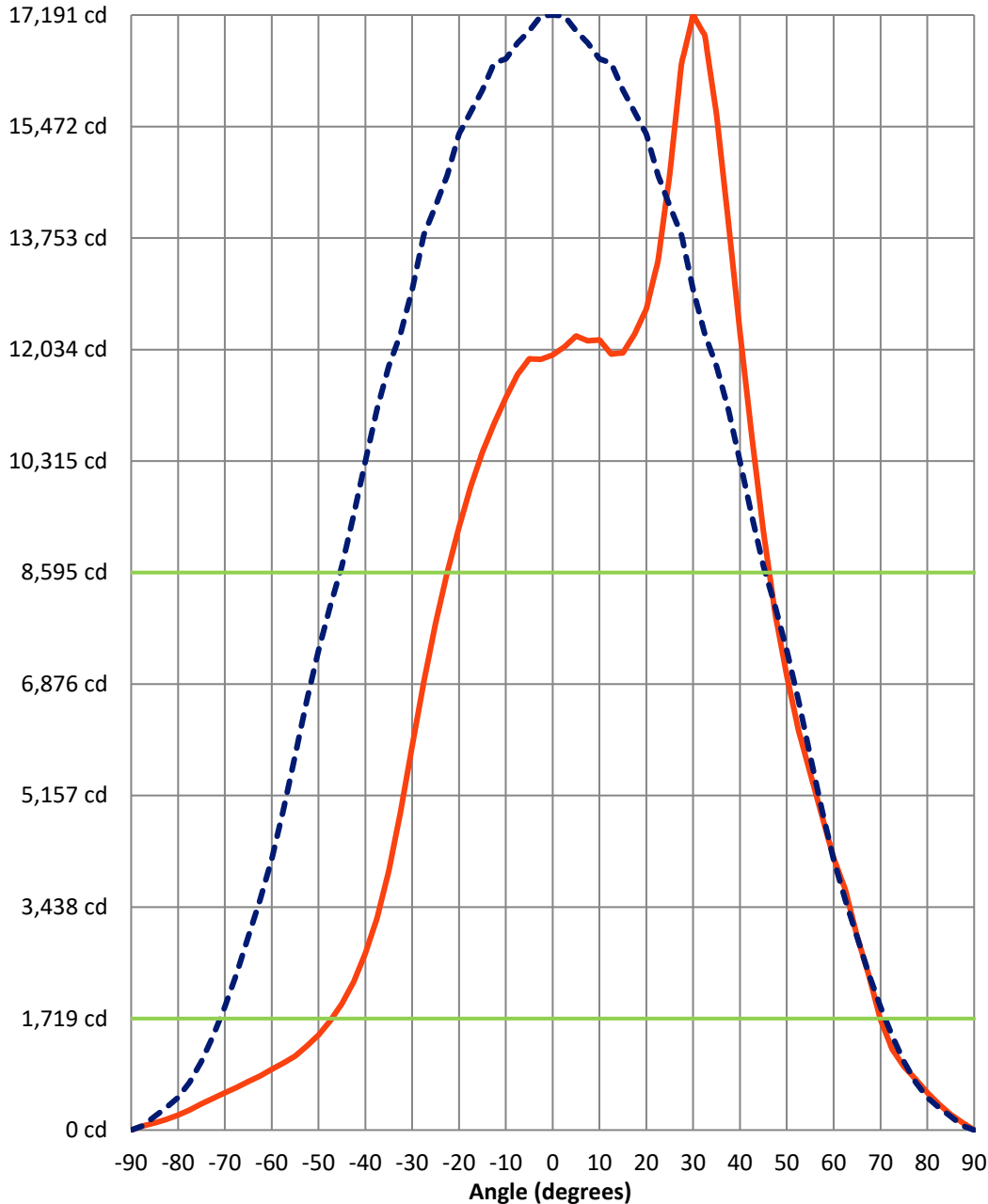
Luminous Intensity Polar Plot



— 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: 16687
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 26891.8
 Efficiency: 93.7%

Spill:
 Lumens: 1804.1
 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°	115.5	118.6	121.6	121.6	118.6	118.6	118.6	115.5	118.6	118.6	118.6
85°	240.2	246.2	252.3	249.3	246.2	240.2	234.1	237.1	240.2	243.2	243.2
82.5°	398.2	407.4	413.4	410.4	404.3	398.2	392.2	395.2	401.3	404.3	404.3
80°	577.6	580.6	583.7	589.7	580.6	580.6	577.6	589.7	595.8	601.9	608.0
77.5°	784.3	787.3	787.3	790.4	793.4	796.5	796.5	817.7	832.9	842.1	851.2
75°	978.9	988.0	997.1	1006.2	1018.4	1024.5	1033.6	1064.0	1088.3	1106.5	1124.8
72.5°	1246.4	1258.5	1273.7	1295.0	1316.3	1331.5	1352.8	1389.3	1416.6	1434.9	1456.1
70°	1705.4	1717.6	1732.8	1748.0	1769.2	1784.4	1805.7	1851.3	1878.7	1890.8	1903.0
67.5°	2386.4	2416.8	2444.1	2413.7	2398.5	2377.2	2383.3	2425.9	2453.2	2471.5	2468.4
65°	2991.3	3012.6	3012.6	3009.5	2997.4	2970.0	2985.2	3036.9	3067.3	3082.5	3036.9
62.5°	3702.7	3702.7	3687.5	3711.8	3714.8	3696.6	3687.5	3690.5	3693.5	3702.7	3626.7
60°	4195.1	4225.5	4234.6	4255.9	4262.0	4262.0	4277.2	4289.4	4289.4	4271.1	4183.0
57.5°	4845.7	4903.4	4915.6	4900.4	4870.0	4830.5	4824.4	4806.2	4769.7	4733.2	4690.6
55°	5502.3	5532.7	5529.7	5520.5	5490.1	5444.5	5450.6	5426.3	5368.5	5322.9	5265.2
52.5°	6162.0	6234.9	6247.1	6228.9	6186.3	6137.7	6140.7	6113.3	6055.6	6006.9	5927.9
50°	7004.0	7064.8	7058.8	7028.4	6967.6	6931.1	6934.1	6882.4	6815.6	6800.4	6697.0
47.5°	7967.7	8037.6	8025.5	7982.9	7900.8	7885.6	7900.8	7833.9	7794.4	7761.0	7639.4
45°	9232.3	9314.4	9268.8	9186.7	9056.0	9071.2	9092.5	9080.3	8995.2	8907.0	8752.0
42.5°	10715.8	10767.5	10712.8	10630.7	10466.5	10496.9	10484.8	10411.8	10360.1	10214.2	10016.6
40°	12302.7	12415.1	12330.0	12202.4	12032.1	12077.7	12044.3	11950.0	11828.4	11646.0	11396.8
37.5°	14014.2	14102.3	14005.0	13856.1	13704.1	13688.9	13622.0	13476.1	13302.8	13102.2	12703.9
35°	15652.7	15880.7	15701.3	15464.2	15278.8	15208.9	15145.0	14807.6	14610.0	14284.7	13740.6
32.5°	16871.7	17038.9	16817.0	16570.8	16345.8	16248.5	16023.6	15622.3	15515.9	14831.9	14333.4
30°	17190.9	17178.7	16947.7	16759.2	16516.0	16449.2	16035.7	15695.3	15354.8	14722.5	14248.2
27.5°	16430.9	16354.9	16133.0	15968.8	15728.7	15649.7	15242.3	15059.9	14534.0	13999.0	13597.7
25°	14737.7	14777.2	14610.0	14527.9	14369.8	14199.6	14038.5	13792.2	13463.9	12995.8	12627.9
22.5°	13403.1	13454.8	13384.9	13287.6	13166.0	13071.8	12950.2	12758.7	12442.5	12153.7	11807.2
20°	12661.4	12646.2	12585.4	12512.4	12396.9	12330.0	12196.3	12035.2	11792.0	11542.7	11168.8
17.5°	12272.3	12178.0	12120.3	12092.9	12032.1	11947.0	11788.9	11624.8	11436.3	11153.6	10880.0
15°	11983.5	11998.7	11953.1	11931.8	11883.2	11764.6	11603.5	11469.7	11214.4	11071.5	10822.2
12.5°	11965.2	11950.0	11953.1	11944.0	11883.2	11731.2	11649.1	11478.8	11314.7	11126.2	10840.5
10°	12181.1	12020.0	12032.1	12074.7	11977.4	11855.8	11767.6	11582.2	11427.2	11187.0	10904.3
7.5°	12168.9	12086.8	12111.2	12041.2	12071.6	11922.7	11801.1	11615.6	11421.1	11165.7	10910.4
5°	12241.9	12117.2	12096.0	12102.0	12026.0	11913.6	11749.4	11573.1	11390.7	11104.9	10843.5
2.5°	12074.7	12092.9	11995.6	11959.2	11950.0	11761.6	11609.6	11439.3	11250.8	10998.5	10764.5
0°	11950.0	11983.5	11883.2	11831.5	11828.4	11667.3	11570.0	11375.5	11241.7	11032.0	10749.3
-2.5°	11883.2	11922.7	11934.8	11840.6	11749.4	11624.8	11460.6	11250.8	11032.0	10788.8	10545.6
-5°	11889.2	11810.2	11776.8	11807.2	11728.1	11603.5	11421.1	11235.6	11019.8	10758.4	10454.4
-7.5°	11649.1	11570.0	11564.0	11548.8	11530.5	11412.0	11260.0	11059.3	10840.5	10597.3	10314.5
-10°	11290.4	11232.6	11217.4	11202.2	11153.6	11083.7	10940.8	10758.4	10560.8	10317.6	10016.6
-12.5°	10892.1	10864.8	10807.0	10767.5	10718.9	10636.8	10500.0	10332.8	10135.2	9919.4	9661.0
-15°	10451.3	10399.7	10341.9	10308.5	10238.5	10141.3	10004.5	9849.4	9633.6	9420.8	9177.6
-17.5°	9919.4	9855.5	9791.7	9782.6	9733.9	9585.0	9457.3	9268.8	9080.3	8876.6	8639.5
-20°	9293.1	9205.0	9162.4	9138.1	9071.2	8961.8	8825.0	8651.7	8469.3	8274.7	8001.1



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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°	8600.0	8524.0	8451.1	8405.5	8347.7	8262.6	8131.9	7979.9	7800.5	7581.6	7329.3
-25°	7812.7	7706.3	7660.7	7609.0	7578.6	7499.6	7371.9	7232.0	7046.6	6833.8	6593.6
-27.5°	6912.8	6827.7	6803.4	6730.4	6694.0	6611.9	6505.5	6374.8	6204.5	6003.9	5806.3
-30°	5918.8	5867.1	5827.6	5754.6	5727.3	5639.1	5569.2	5459.7	5304.7	5161.8	5003.8
-32.5°	4897.4	4845.7	4833.5	4800.1	4781.8	4724.1	4645.0	4566.0	4441.4	4335.0	4207.3
-35°	3991.5	3955.0	3958.0	3955.0	3936.7	3894.2	3796.9	3775.6	3684.4	3587.1	3505.1
-37.5°	3267.9	3271.0	3267.9	3264.9	3240.6	3222.3	3152.4	3125.1	3070.3	2976.1	2927.5
-40°	2723.8	2729.9	2726.8	2720.8	2693.4	2684.3	2638.7	2602.2	2580.9	2514.0	2462.4
-42.5°	2283.0	2292.1	2289.1	2286.0	2267.8	2264.8	2240.4	2197.9	2185.7	2146.2	2091.5
-45°	1948.6	1945.6	1939.5	1945.6	1936.4	1927.3	1912.1	1884.8	1869.6	1851.3	1805.7
-47.5°	1684.1	1687.2	1681.1	1681.1	1668.9	1659.8	1653.7	1635.5	1623.3	1608.1	1580.8
-50°	1465.3	1477.4	1474.4	1471.3	1462.2	1456.1	1456.1	1437.9	1419.7	1413.6	1395.3
-52.5°	1295.0	1304.1	1307.2	1313.3	1316.3	1319.3	1310.2	1292.0	1261.6	1258.5	1249.4
-55°	1140.0	1167.3	1185.6	1197.7	1209.9	1219.0	1200.8	1176.5	1146.1	1133.9	1130.9
-57.5°	1033.6	1060.9	1082.2	1100.5	1115.7	1130.9	1112.6	1088.3	1060.9	1045.7	1042.7
-60°	936.3	960.6	981.9	1006.2	1027.5	1051.8	1042.7	1024.5	1009.3	997.1	984.9
-62.5°	832.9	857.3	881.6	912.0	939.3	963.7	966.7	963.7	960.6	963.7	942.4
-65°	747.8	760.0	775.2	808.6	839.0	866.4	881.6	890.7	905.9	921.1	899.8
-67.5°	656.6	671.8	690.1	714.4	738.7	756.9	778.2	802.5	826.9	851.2	836.0
-70°	574.6	586.7	601.9	614.1	629.3	641.4	659.7	687.0	714.4	738.7	732.6
-72.5°	489.4	501.6	510.7	516.8	525.9	532.0	541.1	565.4	583.7	595.8	595.8
-75°	404.3	416.5	425.6	428.6	434.7	437.8	443.8	453.0	462.1	465.1	468.2
-77.5°	310.1	322.2	331.4	337.4	343.5	349.6	352.6	358.7	361.8	361.8	364.8
-80°	231.0	240.2	246.2	255.4	258.4	264.5	270.6	273.6	276.6	276.6	279.7
-82.5°	164.2	170.2	176.3	182.4	188.5	191.5	197.6	200.6	203.7	206.7	209.8
-85°	109.4	115.5	121.6	127.7	130.7	133.8	136.8	139.8	142.9	145.9	149.0
-87.5°	63.8	66.9	69.9	76.0	79.0	85.1	88.2	85.1	88.2	88.2	88.2
-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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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°	118.6	118.6	118.6	118.6	115.5	109.4	106.4	100.3	94.2	88.2	82.1
85°	246.2	249.3	249.3	249.3	243.2	240.2	231.0	221.9	209.8	191.5	176.3
82.5°	410.4	413.4	413.4	410.4	404.3	395.2	383.0	367.8	343.5	319.2	297.9
80°	617.1	620.1	620.1	617.1	601.9	586.7	571.5	553.3	522.9	489.4	453.0
77.5°	863.3	869.4	869.4	860.3	839.0	820.8	796.5	766.1	720.5	671.8	623.2
75°	1149.1	1164.3	1167.3	1158.2	1130.9	1097.4	1057.9	1006.2	936.3	875.5	817.7
72.5°	1480.5	1495.7	1507.8	1495.7	1456.1	1410.5	1352.8	1292.0	1222.1	1140.0	1042.7
70°	1915.2	1930.4	1939.5	1900.0	1830.0	1754.1	1684.1	1614.2	1532.1	1431.8	1325.4
67.5°	2462.4	2447.2	2428.9	2349.9	2261.7	2170.5	2073.2	1969.9	1863.5	1757.1	1632.5
65°	2988.3	2945.7	2906.2	2812.0	2699.5	2580.9	2468.4	2352.9	2225.2	2091.5	1972.9
62.5°	3541.5	3450.3	3353.1	3237.5	3122.0	2991.3	2878.8	2742.0	2599.2	2435.0	2283.0
60°	4085.7	3976.3	3879.0	3736.1	3584.1	3407.8	3286.2	3152.4	2985.2	2808.9	2629.6
57.5°	4611.6	4493.0	4386.6	4262.0	4097.9	3906.3	3772.6	3599.3	3423.0	3201.1	3018.7
55°	5171.0	5052.4	4967.3	4827.4	4648.1	4471.8	4325.8	4143.4	3897.2	3660.1	3435.1
52.5°	5812.4	5718.1	5626.9	5484.1	5268.2	5088.9	4927.8	4724.1	4465.7	4173.8	3903.3
50°	6529.8	6481.2	6383.9	6216.7	5970.5	5812.4	5599.6	5329.0	5052.4	4745.4	4407.9
47.5°	7481.3	7402.3	7265.5	7083.1	6876.4	6639.2	6353.5	6037.3	5645.2	5304.7	4946.0
45°	8618.3	8472.3	8296.0	8049.8	7794.4	7526.9	7213.8	6812.5	6286.6	5842.8	5465.8
42.5°	9849.4	9651.8	9411.7	9089.4	8758.1	8429.8	8092.3	7545.2	6888.5	6377.8	5952.2
40°	11135.3	10883.0	10582.1	10113.9	9746.1	9323.5	8937.4	8119.7	7420.5	6867.2	6414.3
37.5°	12393.9	12074.7	11570.0	11001.6	10572.9	10226.4	9378.2	8502.7	7876.5	7268.5	6809.5
35°	13357.5	13087.0	12196.3	11606.5	11238.7	10691.5	9630.6	8733.8	8071.1	7566.4	6852.0
32.5°	13929.0	13229.9	12448.6	11852.8	11548.8	10652.0	9648.8	8800.7	8162.3	7596.8	6742.6
30°	13801.4	12956.3	12272.3	11773.7	11114.1	10308.5	9478.6	8697.3	8077.1	7393.2	6621.0
27.5°	13032.3	12378.7	11767.6	11247.8	10600.3	9876.8	9110.7	8423.7	7846.1	7183.4	6453.8
25°	12162.8	11570.0	11117.1	10664.1	10050.1	9360.0	8685.1	8189.6	7609.0	6955.4	6234.9
22.5°	11363.3	10937.7	10582.1	10107.8	9509.0	8907.0	8487.5	7973.8	7378.0	6715.2	6010.0
20°	10852.6	10563.8	10156.5	9633.6	9162.4	8785.5	8320.3	7776.2	7162.1	6469.0	5818.5
17.5°	10606.4	10272.0	9819.0	9478.6	9116.8	8703.4	8183.5	7606.0	6952.4	6356.5	5839.7
15°	10478.7	10126.1	9828.2	9493.8	9086.4	8651.7	8074.1	7475.2	6952.4	6402.1	5854.9
12.5°	10506.1	10202.1	9876.8	9512.0	9074.2	8609.1	8086.3	7530.0	6988.8	6435.6	5858.0
10°	10591.2	10272.0	9925.4	9521.1	9080.3	8621.3	8119.7	7563.4	7007.1	6450.8	5851.9
7.5°	10621.6	10275.0	9904.2	9496.8	9065.1	8615.2	8125.8	7572.5	7010.1	6447.7	5833.7
5°	10527.3	10214.2	9855.5	9445.1	9022.6	8584.8	8101.5	7560.4	6985.8	6417.3	5788.1
2.5°	10399.7	10147.3	9803.8	9408.6	8980.0	8542.3	8061.9	7505.6	6931.1	6362.6	5730.3
0°	10378.4	10065.3	9718.7	9366.1	8910.1	8448.0	7970.7	7402.3	6830.8	6259.3	5630.0
-2.5°	10238.5	9907.2	9560.6	9177.6	8776.3	8311.2	7809.6	7253.3	6687.9	6125.5	5520.5
-5°	10132.1	9764.3	9396.5	8983.0	8578.7	8113.6	7593.8	7052.7	6499.4	5952.2	5368.5
-7.5°	9989.3	9612.3	9226.2	8794.6	8356.8	7882.6	7368.8	6827.7	6283.6	5739.4	5180.1
-10°	9700.5	9369.1	9007.4	8560.5	8098.4	7624.2	7113.5	6581.5	6037.3	5487.1	4924.7
-12.5°	9350.9	9001.3	8606.1	8195.7	7782.3	7341.5	6830.8	6307.9	5760.7	5207.4	4648.1
-15°	8897.9	8554.4	8150.1	7748.8	7350.6	6928.0	6478.1	6006.9	5450.6	4906.5	4347.1
-17.5°	8332.5	8010.3	7648.5	7265.5	6870.3	6444.7	6006.9	5608.7	5088.9	4578.2	4024.9
-20°	7724.5	7423.6	7098.3	6736.5	6341.3	5924.9	5511.4	5095.0	4645.0	4195.1	3681.4



REPORT NUMBER: P722242
 CATALOG NUMBER: IFLD-L-SA7C-927-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	7092.2	6788.2	6459.9	6122.5	5757.7	5371.6	4988.6	4590.3	4195.1	3787.8	3353.1
-25°	6362.6	6095.1	5794.1	5465.8	5140.6	4803.1	4438.3	4076.6	3739.1	3386.5	3030.8
-27.5°	5599.6	5353.3	5079.8	4794.0	4514.3	4231.6	3915.5	3581.1	3301.4	3009.5	2714.7
-30°	4797.0	4599.4	4377.5	4128.2	3912.4	3684.4	3419.9	3143.3	2888.0	2666.0	2428.9
-32.5°	4037.1	3869.9	3711.8	3547.6	3334.8	3158.5	2976.1	2772.4	2547.5	2337.7	2167.5
-35°	3383.5	3204.1	3137.2	3015.6	2863.6	2708.6	2574.8	2428.9	2258.7	2073.2	1933.4
-37.5°	2833.2	2726.8	2632.6	2565.7	2465.4	2340.8	2234.4	2128.0	1997.2	1857.4	1717.6
-40°	2404.6	2331.6	2228.3	2194.8	2131.0	2045.9	1936.4	1854.4	1766.2	1659.8	1541.3
-42.5°	2061.1	2006.4	1939.5	1881.7	1854.4	1793.6	1708.5	1629.4	1559.5	1486.5	1395.3
-45°	1778.4	1741.9	1699.3	1647.7	1626.4	1577.7	1516.9	1428.8	1389.3	1328.5	1261.6
-47.5°	1550.4	1532.1	1501.7	1468.3	1437.9	1401.4	1346.7	1292.0	1237.3	1197.7	1146.1
-50°	1371.0	1358.9	1340.6	1313.3	1273.7	1249.4	1212.9	1164.3	1112.6	1079.2	1042.7
-52.5°	1228.1	1216.0	1203.8	1182.5	1152.1	1127.8	1097.4	1057.9	1015.3	981.9	951.5
-55°	1118.7	1100.5	1091.3	1073.1	1048.8	1021.4	994.1	966.7	930.2	899.8	869.4
-57.5°	1033.6	1009.3	997.1	981.9	957.6	930.2	908.9	881.6	857.3	823.8	796.5
-60°	966.7	939.3	915.0	899.8	878.5	851.2	829.9	808.6	784.3	756.9	723.5
-62.5°	912.0	878.5	845.1	826.9	805.6	781.3	760.0	738.7	714.4	687.0	656.6
-65°	860.3	820.8	778.2	760.0	738.7	714.4	687.0	671.8	650.5	626.2	595.8
-67.5°	796.5	753.9	717.4	696.1	674.9	653.6	629.3	614.1	592.8	562.4	532.0
-70°	702.2	674.9	650.5	632.3	614.1	595.8	571.5	547.2	522.9	495.5	468.2
-72.5°	583.7	574.6	571.5	562.4	541.1	519.8	495.5	471.2	449.9	428.6	407.4
-75°	471.2	477.3	483.4	480.3	459.0	437.8	416.5	395.2	380.0	361.8	343.5
-77.5°	373.9	380.0	386.1	386.1	370.9	358.7	343.5	328.3	316.2	301.0	282.7
-80°	288.8	297.9	307.0	313.1	301.0	291.8	279.7	267.5	255.4	243.2	231.0
-82.5°	218.9	228.0	237.1	243.2	234.1	228.0	218.9	209.8	200.6	188.5	179.4
-85°	158.1	164.2	170.2	173.3	167.2	161.1	155.0	149.0	142.9	133.8	127.7
-87.5°	91.2	94.2	97.3	100.3	94.2	88.2	85.1	79.0	76.0	69.9	66.9
-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-SA7C-927-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°	76.0	69.9	63.8	60.8	54.7	45.6	39.5	33.4	27.4	21.3	18.2
85°	161.1	145.9	127.7	118.6	106.4	94.2	82.1	69.9	57.8	45.6	33.4
82.5°	276.6	258.4	240.2	218.9	191.5	158.1	124.6	103.4	85.1	66.9	51.7
80°	416.5	383.0	352.6	325.3	294.9	252.3	206.7	164.2	115.5	88.2	66.9
77.5°	577.6	538.1	495.5	449.9	401.3	343.5	291.8	237.1	179.4	121.6	85.1
75°	760.0	708.3	650.5	586.7	522.9	446.9	373.9	310.1	243.2	170.2	103.4
72.5°	963.7	899.8	829.9	744.8	644.5	556.3	468.2	383.0	304.0	215.8	139.8
70°	1225.1	1124.8	1021.4	930.2	802.5	662.7	559.4	462.1	361.8	264.5	176.3
67.5°	1504.8	1383.2	1258.5	1124.8	963.7	799.5	650.5	541.1	422.6	310.1	209.8
65°	1808.8	1656.8	1498.7	1349.7	1127.8	933.3	766.1	617.1	480.3	352.6	243.2
62.5°	2121.9	1942.5	1760.1	1565.6	1310.2	1070.1	875.5	702.2	535.0	392.2	273.6
60°	2456.3	2246.5	2024.6	1781.4	1483.5	1219.0	978.9	790.4	592.8	431.7	307.0
57.5°	2808.9	2580.9	2319.5	1991.2	1662.9	1361.9	1097.4	869.4	644.5	468.2	331.4
55°	3191.9	2930.5	2644.8	2210.0	1839.2	1504.8	1216.0	948.5	699.2	498.6	355.7
52.5°	3605.4	3301.4	2939.6	2441.1	2024.6	1650.7	1325.4	1018.4	750.9	532.0	377.0
50°	4067.5	3684.4	3198.0	2653.9	2185.7	1787.5	1434.9	1094.4	793.4	568.5	395.2
47.5°	4547.8	4134.3	3429.1	2851.5	2349.9	1921.2	1547.3	1161.3	836.0	598.9	413.4
45°	5049.4	4447.4	3669.2	3027.8	2492.8	2042.8	1632.5	1222.1	887.7	626.2	428.6
42.5°	5544.9	4684.6	3879.0	3204.1	2626.5	2152.3	1702.4	1279.8	930.2	653.6	443.8
40°	5778.9	4863.9	4046.2	3325.7	2739.0	2249.6	1763.2	1331.5	966.7	671.8	459.0
37.5°	5876.2	4973.4	4155.6	3441.2	2827.2	2301.2	1814.8	1377.1	997.1	690.1	471.2
35°	5897.5	5012.9	4210.3	3520.3	2900.1	2349.9	1854.4	1410.5	1021.4	708.3	483.4
32.5°	5858.0	5000.7	4225.5	3547.6	2945.7	2386.4	1881.7	1434.9	1039.7	726.5	495.5
30°	5769.8	4936.9	4170.8	3544.6	2979.1	2407.6	1900.0	1453.1	1057.9	738.7	501.6
27.5°	5626.9	4824.4	4100.9	3547.6	2997.4	2416.8	1909.1	1462.2	1070.1	747.8	513.8
25°	5450.6	4672.4	4103.9	3541.5	3000.4	2419.8	1909.1	1462.2	1073.1	750.9	522.9
22.5°	5247.0	4672.4	4103.9	3532.4	2982.2	2413.7	1900.0	1456.1	1073.1	756.9	532.0
20°	5259.1	4675.4	4094.8	3514.2	2954.8	2395.5	1878.7	1440.9	1064.0	766.1	538.1
17.5°	5268.2	4669.4	4076.6	3489.9	2918.4	2365.1	1851.3	1419.7	1064.0	775.2	541.1
15°	5268.2	4651.1	4049.2	3453.4	2872.8	2322.5	1811.8	1401.4	1067.0	778.2	547.2
12.5°	5259.1	4617.7	4006.7	3404.7	2818.0	2270.8	1787.5	1395.3	1067.0	781.3	547.2
10°	5240.9	4572.1	3951.9	3343.9	2766.4	2252.6	1775.3	1383.2	1060.9	781.3	547.2
7.5°	5207.4	4517.4	3906.3	3307.5	2736.0	2231.3	1757.1	1364.9	1051.8	775.2	553.3
5°	5155.8	4487.0	3869.9	3264.9	2693.4	2216.1	1744.9	1349.7	1045.7	775.2	547.2
2.5°	5088.9	4450.5	3827.3	3210.2	2644.8	2164.4	1705.4	1316.3	1024.5	763.0	541.1
0°	4979.4	4377.5	3754.3	3134.2	2577.9	2112.8	1665.9	1282.9	1003.2	750.9	535.0
-2.5°	4879.1	4280.2	3660.1	3055.1	2514.0	2067.2	1635.5	1264.6	994.1	747.8	532.0
-5°	4739.3	4146.5	3535.5	2951.8	2428.9	2021.6	1605.1	1243.3	984.9	741.7	532.0
-7.5°	4584.2	4006.7	3404.7	2845.4	2343.8	1942.5	1547.3	1209.9	963.7	729.6	529.0
-10°	4344.1	3796.9	3240.6	2723.8	2252.6	1872.6	1498.7	1179.5	945.4	717.4	516.8
-12.5°	4088.7	3565.9	3052.1	2574.8	2149.2	1799.6	1444.0	1146.1	924.1	705.3	510.7
-15°	3818.2	3328.7	2854.5	2419.8	2036.8	1711.5	1386.2	1109.6	902.9	690.1	501.6
-17.5°	3535.5	3079.5	2650.8	2261.7	1924.3	1620.3	1325.4	1076.1	878.5	674.9	492.5
-20°	3237.5	2824.1	2444.1	2100.6	1805.7	1529.1	1261.6	1036.6	851.2	656.6	480.3



REPORT NUMBER: P722242
 CATALOG NUMBER: IFLD-L-SA7C-927-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2942.7	2571.8	2231.3	1942.5	1684.1	1434.9	1197.7	997.1	820.8	635.3	471.2
-25°	2681.2	2334.7	2042.8	1790.5	1565.6	1343.7	1130.9	957.6	787.3	614.1	459.0
-27.5°	2425.9	2131.0	1857.4	1647.7	1450.1	1255.5	1067.0	915.0	753.9	589.7	446.9
-30°	2188.8	1936.4	1711.5	1507.8	1340.6	1176.5	1012.3	872.5	717.4	565.4	431.7
-32.5°	1972.9	1769.2	1580.8	1386.2	1237.3	1097.4	960.6	829.9	680.9	541.1	416.5
-35°	1772.3	1614.2	1450.1	1285.9	1133.9	1024.5	905.9	784.3	647.5	513.8	401.3
-37.5°	1592.9	1465.3	1334.5	1194.7	1064.0	954.5	854.2	738.7	614.1	489.4	386.1
-40°	1437.9	1334.5	1219.0	1106.5	997.1	893.7	802.5	693.1	580.6	471.2	370.9
-42.5°	1295.0	1216.0	1121.7	1027.5	930.2	839.0	750.9	644.5	547.2	449.9	355.7
-45°	1185.6	1106.5	1030.5	945.4	863.3	784.3	696.1	601.9	516.8	425.6	340.5
-47.5°	1082.2	1012.3	942.4	872.5	805.6	732.6	644.5	565.4	483.4	404.3	328.3
-50°	991.0	924.1	863.3	802.5	744.8	674.9	592.8	529.0	456.0	383.0	313.1
-52.5°	905.9	848.1	787.3	738.7	690.1	620.1	553.3	492.5	428.6	358.7	297.9
-55°	829.9	775.2	720.5	674.9	629.3	568.5	513.8	462.1	401.3	340.5	282.7
-57.5°	756.9	711.3	659.7	617.1	571.5	522.9	477.3	428.6	373.9	322.2	267.5
-60°	690.1	647.5	601.9	559.4	519.8	480.3	437.8	398.2	349.6	301.0	252.3
-62.5°	623.2	586.7	547.2	504.6	474.2	437.8	404.3	364.8	325.3	282.7	225.0
-65°	562.4	529.0	492.5	456.0	428.6	401.3	370.9	334.4	301.0	261.4	200.6
-67.5°	501.6	471.2	440.8	410.4	386.1	364.8	334.4	307.0	279.7	237.1	176.3
-70°	443.8	419.5	392.2	367.8	349.6	325.3	304.0	279.7	255.4	206.7	149.0
-72.5°	389.1	364.8	343.5	325.3	310.1	288.8	270.6	252.3	218.9	173.3	124.6
-75°	325.3	310.1	297.9	282.7	267.5	252.3	237.1	215.8	182.4	139.8	97.3
-77.5°	267.5	258.4	249.3	237.1	225.0	212.8	194.6	173.3	145.9	109.4	79.0
-80°	218.9	209.8	203.7	191.5	182.4	170.2	152.0	133.8	106.4	85.1	63.8
-82.5°	167.2	161.1	155.0	149.0	139.8	127.7	109.4	94.2	79.0	63.8	48.6
-85°	118.6	115.5	109.4	103.4	94.2	85.1	73.0	63.8	54.7	42.6	33.4
-87.5°	60.8	57.8	54.7	51.7	48.6	42.6	36.5	30.4	27.4	21.3	15.2
-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: P722242
 CATALOG NUMBER: IFLD-L-SA7C-927-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	12.2	9.1	3.0	0.0
85°	24.3	15.2	6.1	0.0
82.5°	36.5	24.3	9.1	0.0
80°	48.6	30.4	15.2	0.0
77.5°	60.8	36.5	18.2	0.0
75°	73.0	45.6	21.3	0.0
72.5°	82.1	51.7	24.3	0.0
70°	97.3	60.8	27.4	0.0
67.5°	121.6	66.9	30.4	0.0
65°	142.9	73.0	33.4	0.0
62.5°	167.2	79.0	36.5	0.0
60°	188.5	85.1	39.5	0.0
57.5°	209.8	100.3	42.6	0.0
55°	228.0	112.5	45.6	0.0
52.5°	249.3	124.6	48.6	0.0
50°	267.5	136.8	51.7	0.0
47.5°	282.7	149.0	51.7	0.0
45°	294.9	158.1	54.7	0.0
42.5°	304.0	167.2	57.8	0.0
40°	313.1	176.3	60.8	0.0
37.5°	322.2	185.4	60.8	0.0
35°	331.4	194.6	63.8	0.0
32.5°	340.5	203.7	63.8	0.0
30°	346.6	209.8	66.9	0.0
27.5°	355.7	215.8	66.9	0.0
25°	358.7	221.9	69.9	0.0
22.5°	364.8	225.0	69.9	0.0
20°	370.9	231.0	69.9	0.0
17.5°	373.9	234.1	73.0	0.0
15°	373.9	237.1	76.0	0.0
12.5°	377.0	240.2	76.0	0.0
10°	377.0	246.2	73.0	0.0
7.5°	383.0	243.2	73.0	0.0
5°	380.0	243.2	73.0	0.0
2.5°	377.0	240.2	73.0	0.0
0°	373.9	240.2	73.0	0.0
-2.5°	373.9	240.2	73.0	0.0
-5°	373.9	240.2	73.0	0.0
-7.5°	370.9	243.2	73.0	0.0
-10°	364.8	243.2	73.0	0.0
-12.5°	361.8	234.1	73.0	0.0
-15°	358.7	231.0	73.0	0.0
-17.5°	352.6	228.0	69.9	0.0
-20°	346.6	225.0	69.9	0.0



REPORT NUMBER: P722242

CATALOG NUMBER: IFLD-L-SA7C-927-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	340.5	218.9	69.9	0.0
-25°	334.4	212.8	66.9	0.0
-27.5°	328.3	206.7	66.9	0.0
-30°	319.2	200.6	63.8	0.0
-32.5°	310.1	194.6	63.8	0.0
-35°	304.0	185.4	60.8	0.0
-37.5°	294.9	176.3	60.8	0.0
-40°	285.8	167.2	57.8	0.0
-42.5°	276.6	158.1	54.7	0.0
-45°	264.5	149.0	54.7	0.0
-47.5°	255.4	139.8	51.7	0.0
-50°	240.2	127.7	48.6	0.0
-52.5°	221.9	115.5	45.6	0.0
-55°	203.7	106.4	42.6	0.0
-57.5°	185.4	94.2	42.6	0.0
-60°	167.2	82.1	39.5	0.0
-62.5°	149.0	76.0	36.5	0.0
-65°	130.7	69.9	33.4	0.0
-67.5°	109.4	60.8	30.4	0.0
-70°	91.2	54.7	27.4	0.0
-72.5°	79.0	48.6	24.3	0.0
-75°	66.9	42.6	21.3	0.0
-77.5°	57.8	36.5	18.2	0.0
-80°	45.6	27.4	12.2	0.0
-82.5°	33.4	21.3	9.1	0.0
-85°	21.3	15.2	6.1	0.0
-87.5°	12.2	6.1	3.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)