

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: P722022

Luminaire Tested: **IFLD-S-SA3A-730-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722022
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3A-730-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (48) 3000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

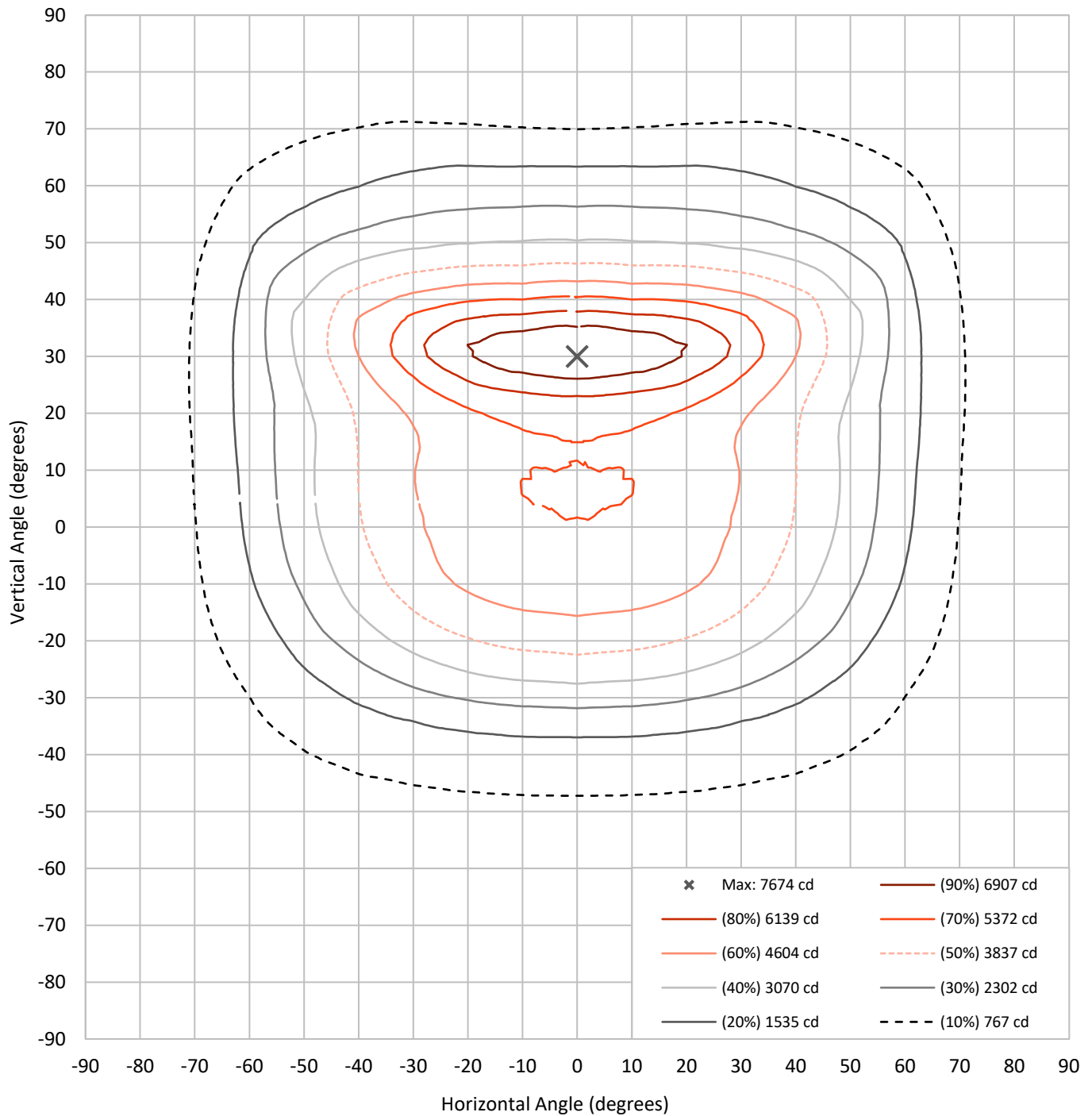
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	12809.8 lumens	Max Intensity:	7674 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	135.1 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:	7449 lumens	Field Lumens:	12004.4 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%
Input Watts (W):	94.8		
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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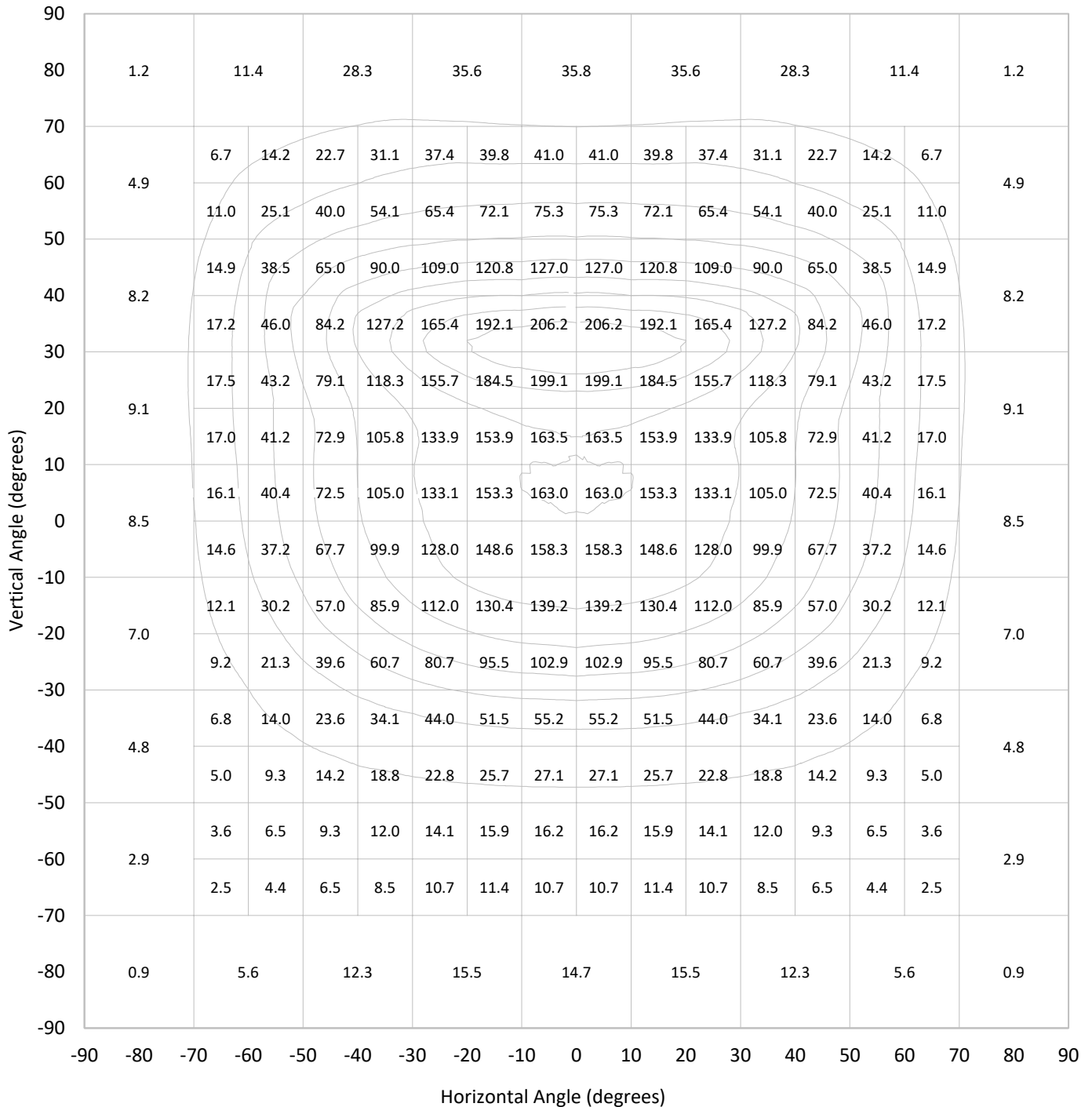
Iso-Candela Plot





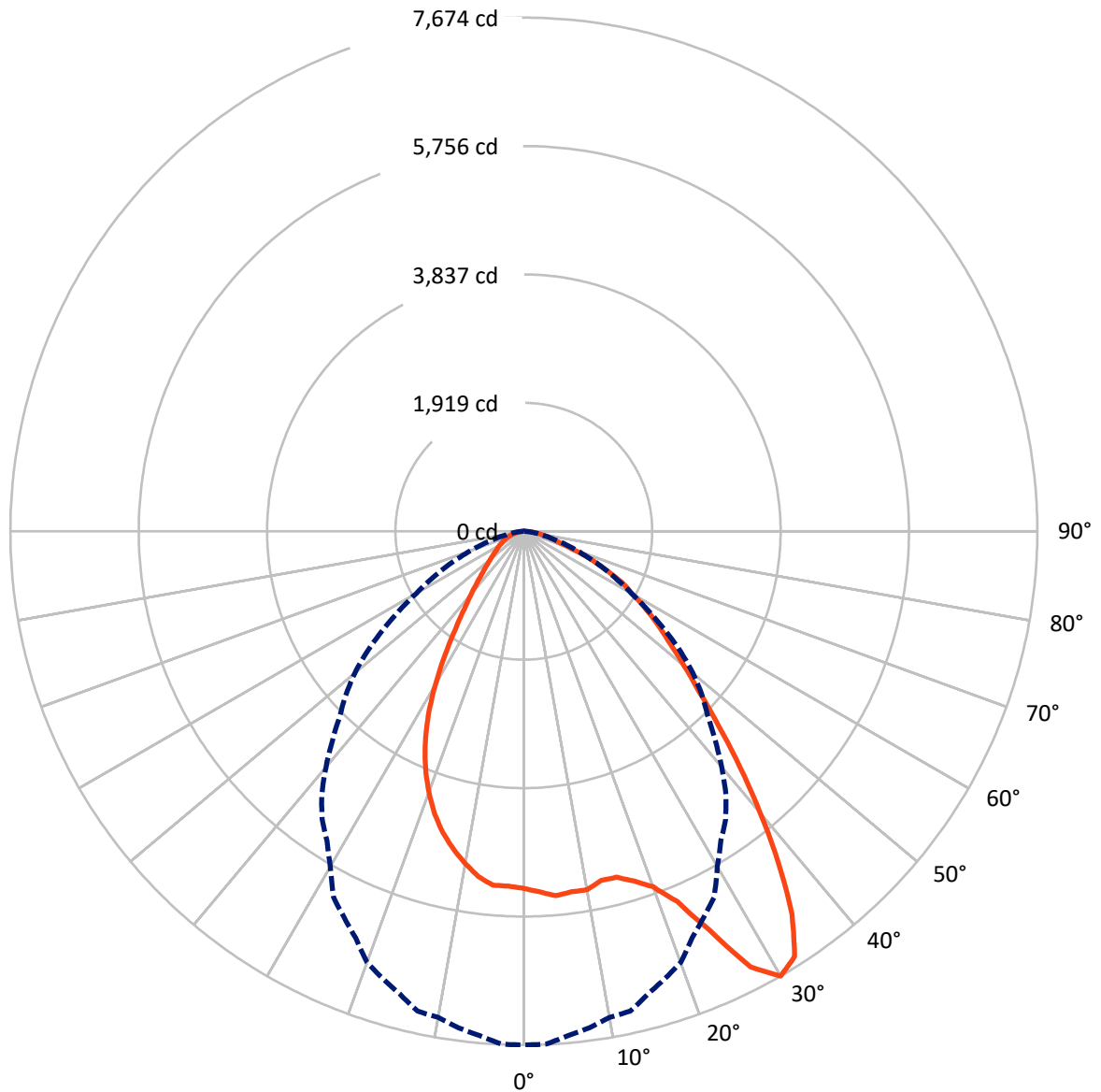
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Lumen Table



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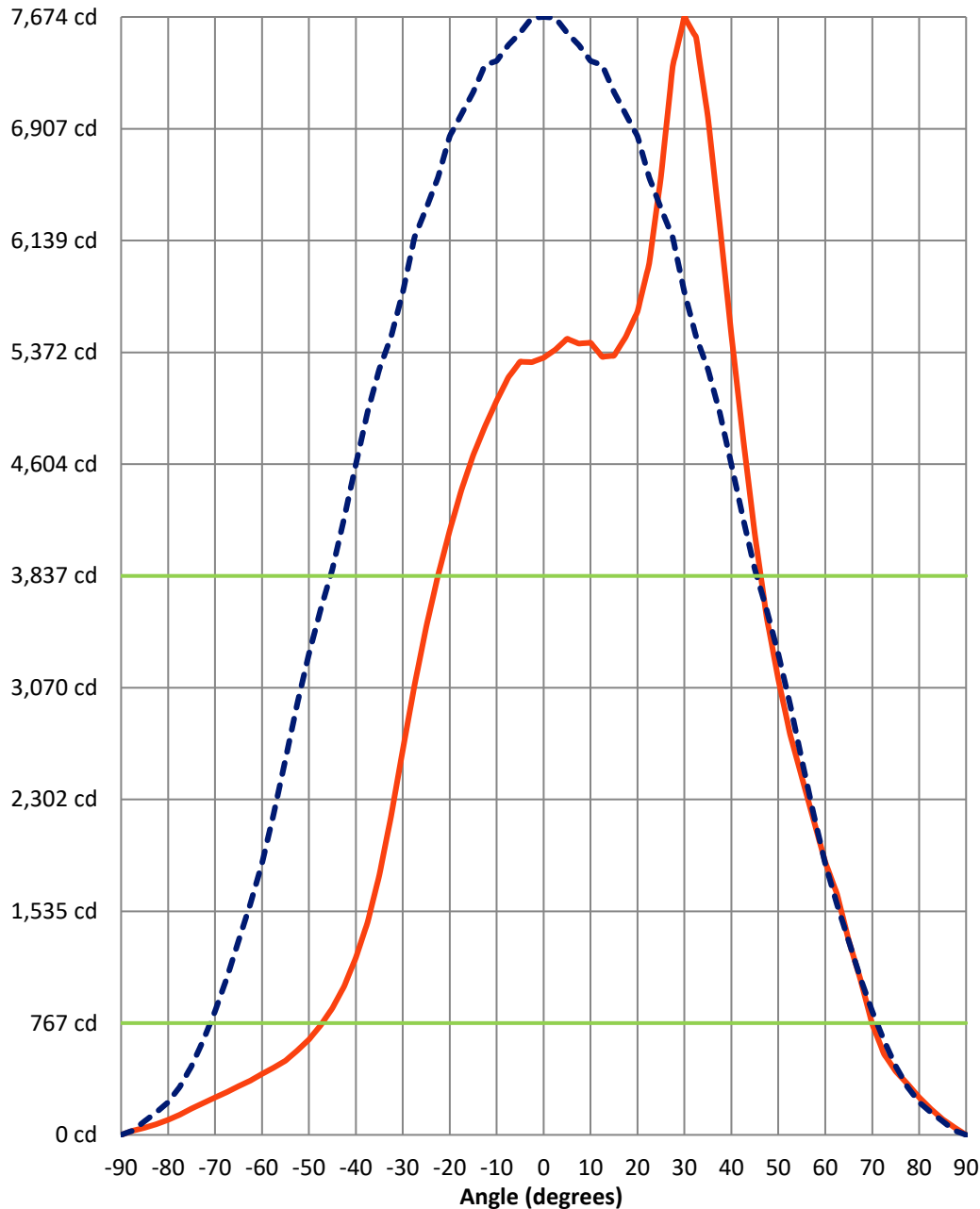
Luminous Intensity Polar Plot



— 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: 7449
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 12004.4
 Efficiency: 93.7%

Spill:
 Lumens: 805.4
 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°	51.6	52.9	54.3	54.3	52.9	52.9	52.9	51.6	52.9	52.9	52.9
85°	107.2	109.9	112.6	111.3	109.9	107.2	104.5	105.8	107.2	108.6	108.6
82.5°	177.8	181.8	184.6	183.2	180.5	177.8	175.1	176.4	179.1	180.5	180.5
80°	257.8	259.2	260.5	263.3	259.2	259.2	257.8	263.3	266.0	268.7	271.4
77.5°	350.1	351.5	351.5	352.8	354.2	355.5	355.5	365.0	371.8	375.9	380.0
75°	437.0	441.0	445.1	449.2	454.6	457.3	461.4	475.0	485.8	494.0	502.1
72.5°	556.4	561.8	568.6	578.1	587.6	594.4	603.9	620.2	632.4	640.5	650.0
70°	761.3	766.7	773.5	780.3	789.8	796.6	806.1	826.4	838.6	844.1	849.5
67.5°	1065.3	1078.8	1091.0	1077.5	1070.7	1061.2	1063.9	1082.9	1095.1	1103.3	1101.9
65°	1335.3	1344.8	1344.8	1343.5	1338.0	1325.8	1332.6	1355.7	1369.2	1376.0	1355.7
62.5°	1652.9	1652.9	1646.1	1656.9	1658.3	1650.1	1646.1	1647.4	1648.8	1652.9	1618.9
60°	1872.7	1886.3	1890.3	1899.8	1902.5	1902.5	1909.3	1914.8	1914.8	1906.6	1867.3
57.5°	2163.1	2188.9	2194.3	2187.5	2174.0	2156.3	2153.6	2145.5	2129.2	2112.9	2093.9
55°	2456.2	2469.8	2468.4	2464.4	2450.8	2430.4	2433.1	2422.3	2396.5	2376.1	2350.4
52.5°	2750.7	2783.3	2788.7	2780.5	2761.5	2739.8	2741.2	2729.0	2703.2	2681.5	2646.2
50°	3126.6	3153.7	3151.0	3137.4	3110.3	3094.0	3095.4	3072.3	3042.4	3035.7	2989.5
47.5°	3556.8	3588.0	3582.5	3563.5	3526.9	3520.1	3526.9	3497.0	3479.4	3464.5	3410.2
45°	4121.3	4157.9	4137.6	4100.9	4042.6	4049.4	4058.9	4053.4	4015.4	3976.1	3906.9
42.5°	4783.5	4806.6	4782.2	4745.5	4672.2	4685.8	4680.4	4647.8	4624.7	4559.6	4471.4
40°	5491.9	5542.1	5504.1	5447.1	5371.1	5391.5	5376.5	5334.5	5280.2	5198.8	5087.5
37.5°	6255.9	6295.2	6251.8	6185.3	6117.5	6110.7	6080.8	6015.7	5938.3	5848.8	5671.0
35°	6987.3	7089.1	7009.0	6903.2	6820.4	6789.2	6760.7	6610.1	6521.9	6376.7	6133.7
32.5°	7531.5	7606.1	7507.1	7397.1	7296.7	7253.3	7152.9	6973.7	6926.2	6620.9	6398.4
30°	7674.0	7668.5	7565.4	7481.3	7372.7	7342.9	7158.3	7006.3	6854.3	6572.1	6360.4
27.5°	7334.7	7300.8	7201.7	7128.4	7021.2	6986.0	6804.1	6722.7	6487.9	6249.1	6070.0
25°	6578.8	6596.5	6521.9	6485.2	6414.6	6338.7	6266.7	6156.8	6010.3	5801.3	5637.1
22.5°	5983.1	6006.2	5975.0	5931.5	5877.3	5835.2	5780.9	5695.4	5554.3	5425.4	5270.7
20°	5652.0	5645.2	5618.1	5585.5	5533.9	5504.1	5444.4	5372.5	5263.9	5152.6	4985.7
17.5°	5478.3	5436.2	5410.5	5398.2	5371.1	5333.1	5262.5	5189.3	5105.1	4978.9	4856.8
15°	5349.4	5356.2	5335.8	5326.3	5304.6	5251.7	5179.8	5120.0	5006.1	4942.3	4831.0
12.5°	5341.2	5334.5	5335.8	5331.7	5304.6	5236.8	5200.1	5124.1	5050.8	4966.7	4839.1
10°	5437.6	5365.7	5371.1	5390.1	5346.7	5292.4	5253.0	5170.3	5101.1	4993.8	4867.6
7.5°	5432.2	5395.5	5406.4	5375.2	5388.7	5322.2	5268.0	5185.2	5098.3	4984.3	4870.4
5°	5464.7	5409.1	5399.6	5402.3	5368.4	5318.2	5244.9	5166.2	5084.8	4957.2	4840.5
2.5°	5390.1	5398.2	5354.8	5338.5	5334.5	5250.3	5182.5	5106.5	5022.3	4909.7	4805.2
0°	5334.5	5349.4	5304.6	5281.5	5280.2	5208.3	5164.8	5078.0	5018.3	4924.6	4798.4
-2.5°	5304.6	5322.2	5327.7	5285.6	5244.9	5189.3	5116.0	5022.3	4924.6	4816.1	4707.5
-5°	5307.3	5272.0	5257.1	5270.7	5235.4	5179.8	5098.3	5015.6	4919.2	4802.5	4666.8
-7.5°	5200.1	5164.8	5162.1	5155.3	5147.2	5094.3	5026.4	4936.9	4839.1	4730.6	4604.4
-10°	5040.0	5014.2	5007.4	5000.6	4978.9	4947.7	4883.9	4802.5	4714.3	4605.7	4471.4
-12.5°	4862.2	4850.0	4824.2	4806.6	4784.9	4748.2	4687.2	4612.5	4524.3	4428.0	4312.6
-15°	4665.4	4642.4	4616.6	4601.7	4570.5	4527.0	4466.0	4396.8	4300.4	4205.4	4096.9
-17.5°	4428.0	4399.5	4371.0	4366.9	4345.2	4278.7	4221.7	4137.6	4053.4	3962.5	3856.7
-20°	4148.4	4109.1	4090.1	4079.2	4049.4	4000.5	3939.4	3862.1	3780.7	3693.8	3571.7



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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°	3839.0	3805.1	3772.5	3752.2	3726.4	3688.4	3630.0	3562.2	3482.1	3384.4	3271.8
-25°	3487.5	3440.1	3419.7	3396.6	3383.1	3347.8	3290.8	3228.4	3145.6	3050.6	2943.4
-27.5°	3085.9	3047.9	3037.0	3004.4	2988.2	2951.5	2904.0	2845.7	2769.7	2680.1	2591.9
-30°	2642.1	2619.1	2601.4	2568.8	2556.6	2517.3	2486.1	2437.2	2368.0	2304.2	2233.7
-32.5°	2186.2	2163.1	2157.7	2142.7	2134.6	2108.8	2073.5	2038.2	1982.6	1935.1	1878.1
-35°	1781.8	1765.5	1766.8	1765.5	1757.3	1738.3	1694.9	1685.4	1644.7	1601.3	1564.6
-37.5°	1458.8	1460.2	1458.8	1457.4	1446.6	1438.4	1407.2	1395.0	1370.6	1328.5	1306.8
-40°	1215.9	1218.6	1217.2	1214.5	1202.3	1198.3	1177.9	1161.6	1152.1	1122.3	1099.2
-42.5°	1019.1	1023.2	1021.8	1020.5	1012.3	1011.0	1000.1	981.1	975.7	958.1	933.6
-45°	869.9	868.5	865.8	868.5	864.4	860.4	853.6	841.4	834.6	826.4	806.1
-47.5°	751.8	753.1	750.4	750.4	745.0	740.9	738.2	730.1	724.7	717.9	705.7
-50°	654.1	659.5	658.2	656.8	652.7	650.0	650.0	641.9	633.7	631.0	622.9
-52.5°	578.1	582.2	583.5	586.2	587.6	588.9	584.9	576.7	563.2	561.8	557.7
-55°	508.9	521.1	529.2	534.7	540.1	544.2	536.0	525.2	511.6	506.2	504.8
-57.5°	461.4	473.6	483.1	491.2	498.0	504.8	496.7	485.8	473.6	466.8	465.5
-60°	418.0	428.8	438.3	449.2	458.7	469.5	465.5	457.3	450.5	445.1	439.7
-62.5°	371.8	382.7	393.5	407.1	419.3	430.2	431.5	430.2	428.8	430.2	420.7
-65°	333.8	339.3	346.0	361.0	374.5	386.8	393.5	397.6	404.4	411.2	401.7
-67.5°	293.1	299.9	308.0	318.9	329.8	337.9	347.4	358.3	369.1	380.0	373.2
-70°	256.5	261.9	268.7	274.1	280.9	286.3	294.5	306.7	318.9	329.8	327.0
-72.5°	218.5	223.9	228.0	230.7	234.8	237.5	241.6	252.4	260.5	266.0	266.0
-75°	180.5	185.9	190.0	191.3	194.1	195.4	198.1	202.2	206.3	207.6	209.0
-77.5°	138.4	143.8	147.9	150.6	153.3	156.1	157.4	160.1	161.5	161.5	162.8
-80°	103.1	107.2	109.9	114.0	115.3	118.1	120.8	122.1	123.5	123.5	124.8
-82.5°	73.3	76.0	78.7	81.4	84.1	85.5	88.2	89.6	90.9	92.3	93.6
-85°	48.9	51.6	54.3	57.0	58.4	59.7	61.1	62.4	63.8	65.1	66.5
-87.5°	28.5	29.9	31.2	33.9	35.3	38.0	39.4	38.0	39.4	39.4	39.4
-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°	52.9	52.9	52.9	52.9	51.6	48.9	47.5	44.8	42.1	39.4	36.6
85°	109.9	111.3	111.3	111.3	108.6	107.2	103.1	99.1	93.6	85.5	78.7
82.5°	183.2	184.6	184.6	183.2	180.5	176.4	171.0	164.2	153.3	142.5	133.0
80°	275.5	276.8	276.8	275.5	268.7	261.9	255.1	247.0	233.4	218.5	202.2
77.5°	385.4	388.1	388.1	384.0	374.5	366.4	355.5	342.0	321.6	299.9	278.2
75°	513.0	519.7	521.1	517.0	504.8	489.9	472.2	449.2	418.0	390.8	365.0
72.5°	660.9	667.7	673.1	667.7	650.0	629.7	603.9	576.7	545.5	508.9	465.5
70°	854.9	861.7	865.8	848.1	816.9	783.0	751.8	720.6	683.9	639.2	591.7
67.5°	1099.2	1092.4	1084.3	1049.0	1009.6	968.9	925.5	879.4	831.9	784.4	728.7
65°	1334.0	1315.0	1297.3	1255.2	1205.0	1152.1	1101.9	1050.3	993.3	933.6	880.7
62.5°	1580.9	1540.2	1496.8	1445.2	1393.7	1335.3	1285.1	1224.0	1160.3	1087.0	1019.1
60°	1823.8	1775.0	1731.6	1667.8	1599.9	1521.2	1466.9	1407.2	1332.6	1253.9	1173.8
57.5°	2058.6	2005.7	1958.2	1902.5	1829.3	1743.8	1684.1	1606.7	1528.0	1428.9	1347.5
55°	2308.3	2255.4	2217.4	2155.0	2074.9	1996.2	1931.0	1849.6	1739.7	1633.9	1533.4
52.5°	2594.6	2552.6	2511.9	2448.1	2351.7	2271.7	2199.7	2108.8	1993.5	1863.2	1742.4
50°	2914.9	2893.2	2849.7	2775.1	2665.2	2594.6	2499.6	2378.9	2255.4	2118.3	1967.7
47.5°	3339.6	3304.4	3243.3	3161.9	3069.6	2963.7	2836.2	2695.0	2520.0	2368.0	2207.9
45°	3847.2	3782.0	3703.3	3593.4	3479.4	3360.0	3220.2	3041.1	2806.3	2608.2	2439.9
42.5°	4396.8	4308.5	4201.3	4057.5	3909.6	3763.0	3612.4	3368.1	3075.0	2847.0	2657.1
40°	4970.8	4858.1	4723.8	4514.8	4350.6	4162.0	3989.6	3624.6	3312.5	3065.5	2863.3
37.5°	5532.6	5390.1	5164.8	4911.1	4719.7	4565.0	4186.4	3795.6	3516.0	3244.6	3039.7
35°	5962.8	5842.0	5444.4	5181.1	5016.9	4772.7	4299.0	3898.7	3602.9	3377.6	3058.7
32.5°	6217.9	5905.8	5557.0	5291.0	5155.3	4755.0	4307.2	3928.6	3643.6	3391.2	3009.9
30°	6160.9	5783.6	5478.3	5255.8	4961.3	4601.7	4231.2	3882.4	3605.6	3300.3	2955.6
27.5°	5817.6	5525.8	5253.0	5021.0	4731.9	4409.0	4067.0	3760.3	3502.5	3206.6	2881.0
25°	5429.5	5164.8	4962.6	4760.4	4486.3	4178.3	3877.0	3655.8	3396.6	3104.9	2783.3
22.5°	5072.6	4882.6	4723.8	4512.1	4244.8	3976.1	3788.8	3559.5	3293.5	2997.7	2682.8
20°	4844.6	4715.7	4533.8	4300.4	4090.1	3921.8	3714.2	3471.3	3197.1	2887.7	2597.3
17.5°	4734.7	4585.4	4383.2	4231.2	4069.7	3885.2	3653.1	3395.3	3103.5	2837.5	2606.8
15°	4677.7	4520.2	4387.3	4238.0	4056.1	3862.1	3604.3	3336.9	3103.5	2857.9	2613.6
12.5°	4689.9	4554.2	4409.0	4246.1	4050.7	3843.1	3609.7	3361.3	3119.8	2872.8	2615.0
10°	4727.9	4585.4	4430.7	4250.2	4053.4	3848.5	3624.6	3376.3	3127.9	2879.6	2612.3
7.5°	4741.4	4586.7	4421.2	4239.3	4046.6	3845.8	3627.3	3380.3	3129.3	2878.2	2604.1
5°	4699.4	4559.6	4399.5	4216.3	4027.6	3832.2	3616.5	3374.9	3118.4	2864.7	2583.8
2.5°	4642.4	4529.7	4376.4	4200.0	4008.6	3813.2	3598.8	3350.5	3094.0	2840.2	2558.0
0°	4632.9	4493.1	4338.4	4181.0	3977.4	3771.2	3558.1	3304.4	3049.2	2794.1	2513.2
-2.5°	4570.5	4422.5	4267.8	4096.9	3917.7	3710.1	3486.2	3237.9	2985.5	2734.4	2464.4
-5°	4523.0	4358.8	4194.6	4010.0	3829.5	3621.9	3389.8	3148.3	2901.3	2657.1	2396.5
-7.5°	4459.2	4290.9	4118.6	3925.9	3730.5	3518.8	3289.4	3047.9	2805.0	2562.1	2312.4
-10°	4330.3	4182.3	4020.9	3821.4	3615.1	3403.4	3175.4	2938.0	2695.0	2449.4	2198.4
-12.5°	4174.2	4018.1	3841.7	3658.5	3474.0	3277.2	3049.2	2815.8	2571.6	2324.6	2074.9
-15°	3972.0	3818.7	3638.2	3459.1	3281.3	3092.7	2891.8	2681.5	2433.1	2190.2	1940.5
-17.5°	3719.6	3575.8	3414.3	3243.3	3066.9	2876.9	2681.5	2503.7	2271.7	2043.7	1796.7
-20°	3448.2	3313.9	3168.6	3007.2	2830.8	2644.8	2460.3	2274.4	2073.5	1872.7	1643.4



REPORT NUMBER: P722022
 CATALOG NUMBER: IFLD-S-SA3A-730-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	3165.9	3030.2	2883.7	2733.0	2570.2	2397.9	2226.9	2049.1	1872.7	1690.9	1496.8
-25°	2840.2	2720.8	2586.5	2439.9	2294.7	2144.1	1981.3	1819.8	1669.1	1511.7	1353.0
-27.5°	2499.6	2389.7	2267.6	2140.0	2015.2	1889.0	1747.8	1598.6	1473.7	1343.5	1211.8
-30°	2141.4	2053.2	1954.1	1842.8	1746.5	1644.7	1526.7	1403.2	1289.2	1190.1	1084.3
-32.5°	1802.1	1727.5	1656.9	1583.6	1488.7	1409.9	1328.5	1237.6	1137.2	1043.6	967.6
-35°	1510.4	1430.3	1400.4	1346.2	1278.3	1209.1	1149.4	1084.3	1008.3	925.5	863.1
-37.5°	1264.7	1217.2	1175.2	1145.3	1100.5	1044.9	997.4	949.9	891.6	829.1	766.7
-40°	1073.4	1040.8	994.7	979.8	951.3	913.3	864.4	827.8	788.4	740.9	688.0
-42.5°	920.1	895.6	865.8	840.0	827.8	800.6	762.6	727.4	696.2	663.6	622.9
-45°	793.9	777.6	758.6	735.5	726.0	704.3	677.2	637.8	620.2	593.0	563.2
-47.5°	692.1	683.9	670.4	655.4	641.9	625.6	601.2	576.7	552.3	534.7	511.6
-50°	612.0	606.6	598.4	586.2	568.6	557.7	541.5	519.7	496.7	481.7	465.5
-52.5°	548.2	542.8	537.4	527.9	514.3	503.5	489.9	472.2	453.2	438.3	424.7
-55°	499.4	491.2	487.2	479.0	468.2	456.0	443.7	431.5	415.2	401.7	388.1
-57.5°	461.4	450.5	445.1	438.3	427.5	415.2	405.7	393.5	382.7	367.8	355.5
-60°	431.5	419.3	408.5	401.7	392.2	380.0	370.5	361.0	350.1	337.9	323.0
-62.5°	407.1	392.2	377.3	369.1	359.6	348.8	339.3	329.8	318.9	306.7	293.1
-65°	384.0	366.4	347.4	339.3	329.8	318.9	306.7	299.9	290.4	279.5	266.0
-67.5°	355.5	336.5	320.3	310.8	301.3	291.8	280.9	274.1	264.6	251.0	237.5
-70°	313.5	301.3	290.4	282.3	274.1	266.0	255.1	244.3	233.4	221.2	209.0
-72.5°	260.5	256.5	255.1	251.0	241.6	232.1	221.2	210.3	200.8	191.3	181.8
-75°	210.3	213.1	215.8	214.4	204.9	195.4	185.9	176.4	169.6	161.5	153.3
-77.5°	166.9	169.6	172.3	172.3	165.6	160.1	153.3	146.6	141.1	134.3	126.2
-80°	128.9	133.0	137.1	139.8	134.3	130.3	124.8	119.4	114.0	108.6	103.1
-82.5°	97.7	101.8	105.8	108.6	104.5	101.8	97.7	93.6	89.6	84.1	80.1
-85°	70.6	73.3	76.0	77.4	74.6	71.9	69.2	66.5	63.8	59.7	57.0
-87.5°	40.7	42.1	43.4	44.8	42.1	39.4	38.0	35.3	33.9	31.2	29.9
-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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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°	33.9	31.2	28.5	27.1	24.4	20.4	17.6	14.9	12.2	9.5	8.1
85°	71.9	65.1	57.0	52.9	47.5	42.1	36.6	31.2	25.8	20.4	14.9
82.5°	123.5	115.3	107.2	97.7	85.5	70.6	55.6	46.1	38.0	29.9	23.1
80°	185.9	171.0	157.4	145.2	131.6	112.6	92.3	73.3	51.6	39.4	29.9
77.5°	257.8	240.2	221.2	200.8	179.1	153.3	130.3	105.8	80.1	54.3	38.0
75°	339.3	316.2	290.4	261.9	233.4	199.5	166.9	138.4	108.6	76.0	46.1
72.5°	430.2	401.7	370.5	332.5	287.7	248.3	209.0	171.0	135.7	96.3	62.4
70°	546.9	502.1	456.0	415.2	358.3	295.8	249.7	206.3	161.5	118.1	78.7
67.5°	671.7	617.4	561.8	502.1	430.2	356.9	290.4	241.6	188.6	138.4	93.6
65°	807.4	739.6	669.0	602.5	503.5	416.6	342.0	275.5	214.4	157.4	108.6
62.5°	947.2	867.1	785.7	698.9	584.9	477.7	390.8	313.5	238.8	175.1	122.1
60°	1096.5	1002.8	903.8	795.2	662.2	544.2	437.0	352.8	264.6	192.7	137.1
57.5°	1253.9	1152.1	1035.4	888.9	742.3	607.9	489.9	388.1	287.7	209.0	147.9
55°	1424.9	1308.2	1180.6	986.6	821.0	671.7	542.8	423.4	312.1	222.6	158.8
52.5°	1609.4	1473.7	1312.2	1089.7	903.8	736.9	591.7	454.6	335.2	237.5	168.3
50°	1815.7	1644.7	1427.6	1184.7	975.7	797.9	640.5	488.5	354.2	253.8	176.4
47.5°	2030.1	1845.6	1530.7	1272.9	1049.0	857.6	690.7	518.4	373.2	267.3	184.6
45°	2254.0	1985.3	1637.9	1351.6	1112.8	911.9	728.7	545.5	396.3	279.5	191.3
42.5°	2475.2	2091.2	1731.6	1430.3	1172.5	960.8	759.9	571.3	415.2	291.8	198.1
40°	2579.7	2171.2	1806.2	1484.6	1222.7	1004.2	787.1	594.4	431.5	299.9	204.9
37.5°	2623.1	2220.1	1855.1	1536.2	1262.0	1027.3	810.1	614.7	445.1	308.0	210.3
35°	2632.6	2237.7	1879.5	1571.4	1294.6	1049.0	827.8	629.7	456.0	316.2	215.8
32.5°	2615.0	2232.3	1886.3	1583.6	1315.0	1065.3	840.0	640.5	464.1	324.3	221.2
30°	2575.6	2203.8	1861.8	1582.3	1329.9	1074.8	848.1	648.7	472.2	329.8	223.9
27.5°	2511.9	2153.6	1830.6	1583.6	1338.0	1078.8	852.2	652.7	477.7	333.8	229.3
25°	2433.1	2085.7	1832.0	1580.9	1339.4	1080.2	852.2	652.7	479.0	335.2	233.4
22.5°	2342.2	2085.7	1832.0	1576.9	1331.2	1077.5	848.1	650.0	479.0	337.9	237.5
20°	2347.7	2087.1	1827.9	1568.7	1319.0	1069.3	838.6	643.2	475.0	342.0	240.2
17.5°	2351.7	2084.4	1819.8	1557.9	1302.7	1055.8	826.4	633.7	475.0	346.0	241.6
15°	2351.7	2076.2	1807.6	1541.6	1282.4	1036.8	808.8	625.6	476.3	347.4	244.3
12.5°	2347.7	2061.3	1788.6	1519.9	1258.0	1013.7	797.9	622.9	476.3	348.8	244.3
10°	2339.5	2041.0	1764.1	1492.7	1234.9	1005.6	792.5	617.4	473.6	348.8	244.3
7.5°	2324.6	2016.5	1743.8	1476.4	1221.3	996.1	784.4	609.3	469.5	346.0	247.0
5°	2301.5	2003.0	1727.5	1457.4	1202.3	989.3	778.9	602.5	466.8	346.0	244.3
2.5°	2271.7	1986.7	1708.5	1433.0	1180.6	966.2	761.3	587.6	457.3	340.6	241.6
0°	2222.8	1954.1	1675.9	1399.1	1150.8	943.1	743.6	572.7	447.8	335.2	238.8
-2.5°	2178.0	1910.7	1633.9	1363.8	1122.3	922.8	730.1	564.5	443.7	333.8	237.5
-5°	2115.6	1851.0	1578.2	1317.7	1084.3	902.4	716.5	555.0	439.7	331.1	237.5
-7.5°	2046.4	1788.6	1519.9	1270.2	1046.3	867.1	690.7	540.1	430.2	325.7	236.1
-10°	1939.2	1694.9	1446.6	1215.9	1005.6	835.9	669.0	526.5	422.0	320.3	230.7
-12.5°	1825.2	1591.8	1362.5	1149.4	959.4	803.4	644.6	511.6	412.5	314.8	228.0
-15°	1704.4	1485.9	1274.2	1080.2	909.2	764.0	618.8	495.3	403.0	308.0	223.9
-17.5°	1578.2	1374.7	1183.3	1009.6	859.0	723.3	591.7	480.4	392.2	301.3	219.8
-20°	1445.2	1260.7	1091.0	937.7	806.1	682.6	563.2	462.7	380.0	293.1	214.4



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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°	1313.6	1148.0	996.1	867.1	751.8	640.5	534.7	445.1	366.4	283.6	210.3
-25°	1196.9	1042.2	911.9	799.3	698.9	599.8	504.8	427.5	351.5	274.1	204.9
-27.5°	1082.9	951.3	829.1	735.5	647.3	560.5	476.3	408.5	336.5	263.3	199.5
-30°	977.1	864.4	764.0	673.1	598.4	525.2	451.9	389.5	320.3	252.4	192.7
-32.5°	880.7	789.8	705.7	618.8	552.3	489.9	428.8	370.5	304.0	241.6	185.9
-35°	791.1	720.6	647.3	574.0	506.2	457.3	404.4	350.1	289.0	229.3	179.1
-37.5°	711.1	654.1	595.7	533.3	475.0	426.1	381.3	329.8	274.1	218.5	172.3
-40°	641.9	595.7	544.2	494.0	445.1	399.0	358.3	309.4	259.2	210.3	165.6
-42.5°	578.1	542.8	500.7	458.7	415.2	374.5	335.2	287.7	244.3	200.8	158.8
-45°	529.2	494.0	460.0	422.0	385.4	350.1	310.8	268.7	230.7	190.0	152.0
-47.5°	483.1	451.9	420.7	389.5	359.6	327.0	287.7	252.4	215.8	180.5	146.6
-50°	442.4	412.5	385.4	358.3	332.5	301.3	264.6	236.1	203.6	171.0	139.8
-52.5°	404.4	378.6	351.5	329.8	308.0	276.8	247.0	219.8	191.3	160.1	133.0
-55°	370.5	346.0	321.6	301.3	280.9	253.8	229.3	206.3	179.1	152.0	126.2
-57.5°	337.9	317.5	294.5	275.5	255.1	233.4	213.1	191.3	166.9	143.8	119.4
-60°	308.0	289.0	268.7	249.7	232.1	214.4	195.4	177.8	156.1	134.3	112.6
-62.5°	278.2	261.9	244.3	225.3	211.7	195.4	180.5	162.8	145.2	126.2	100.4
-65°	251.0	236.1	219.8	203.6	191.3	179.1	165.6	149.3	134.3	116.7	89.6
-67.5°	223.9	210.3	196.8	183.2	172.3	162.8	149.3	137.1	124.8	105.8	78.7
-70°	198.1	187.3	175.1	164.2	156.1	145.2	135.7	124.8	114.0	92.3	66.5
-72.5°	173.7	162.8	153.3	145.2	138.4	128.9	120.8	112.6	97.7	77.4	55.6
-75°	145.2	138.4	133.0	126.2	119.4	112.6	105.8	96.3	81.4	62.4	43.4
-77.5°	119.4	115.3	111.3	105.8	100.4	95.0	86.8	77.4	65.1	48.9	35.3
-80°	97.7	93.6	90.9	85.5	81.4	76.0	67.9	59.7	47.5	38.0	28.5
-82.5°	74.6	71.9	69.2	66.5	62.4	57.0	48.9	42.1	35.3	28.5	21.7
-85°	52.9	51.6	48.9	46.1	42.1	38.0	32.6	28.5	24.4	19.0	14.9
-87.5°	27.1	25.8	24.4	23.1	21.7	19.0	16.3	13.6	12.2	9.5	6.8
-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°	5.4	4.1	1.4	0.0
85°	10.9	6.8	2.7	0.0
82.5°	16.3	10.9	4.1	0.0
80°	21.7	13.6	6.8	0.0
77.5°	27.1	16.3	8.1	0.0
75°	32.6	20.4	9.5	0.0
72.5°	36.6	23.1	10.9	0.0
70°	43.4	27.1	12.2	0.0
67.5°	54.3	29.9	13.6	0.0
65°	63.8	32.6	14.9	0.0
62.5°	74.6	35.3	16.3	0.0
60°	84.1	38.0	17.6	0.0
57.5°	93.6	44.8	19.0	0.0
55°	101.8	50.2	20.4	0.0
52.5°	111.3	55.6	21.7	0.0
50°	119.4	61.1	23.1	0.0
47.5°	126.2	66.5	23.1	0.0
45°	131.6	70.6	24.4	0.0
42.5°	135.7	74.6	25.8	0.0
40°	139.8	78.7	27.1	0.0
37.5°	143.8	82.8	27.1	0.0
35°	147.9	86.8	28.5	0.0
32.5°	152.0	90.9	28.5	0.0
30°	154.7	93.6	29.9	0.0
27.5°	158.8	96.3	29.9	0.0
25°	160.1	99.1	31.2	0.0
22.5°	162.8	100.4	31.2	0.0
20°	165.6	103.1	31.2	0.0
17.5°	166.9	104.5	32.6	0.0
15°	166.9	105.8	33.9	0.0
12.5°	168.3	107.2	33.9	0.0
10°	168.3	109.9	32.6	0.0
7.5°	171.0	108.6	32.6	0.0
5°	169.6	108.6	32.6	0.0
2.5°	168.3	107.2	32.6	0.0
0°	166.9	107.2	32.6	0.0
-2.5°	166.9	107.2	32.6	0.0
-5°	166.9	107.2	32.6	0.0
-7.5°	165.6	108.6	32.6	0.0
-10°	162.8	108.6	32.6	0.0
-12.5°	161.5	104.5	32.6	0.0
-15°	160.1	103.1	32.6	0.0
-17.5°	157.4	101.8	31.2	0.0
-20°	154.7	100.4	31.2	0.0



REPORT NUMBER: P722022

CATALOG NUMBER: IFLD-S-SA3A-730-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	152.0	97.7	31.2	0.0
-25°	149.3	95.0	29.9	0.0
-27.5°	146.6	92.3	29.9	0.0
-30°	142.5	89.6	28.5	0.0
-32.5°	138.4	86.8	28.5	0.0
-35°	135.7	82.8	27.1	0.0
-37.5°	131.6	78.7	27.1	0.0
-40°	127.6	74.6	25.8	0.0
-42.5°	123.5	70.6	24.4	0.0
-45°	118.1	66.5	24.4	0.0
-47.5°	114.0	62.4	23.1	0.0
-50°	107.2	57.0	21.7	0.0
-52.5°	99.1	51.6	20.4	0.0
-55°	90.9	47.5	19.0	0.0
-57.5°	82.8	42.1	19.0	0.0
-60°	74.6	36.6	17.6	0.0
-62.5°	66.5	33.9	16.3	0.0
-65°	58.4	31.2	14.9	0.0
-67.5°	48.9	27.1	13.6	0.0
-70°	40.7	24.4	12.2	0.0
-72.5°	35.3	21.7	10.9	0.0
-75°	29.9	19.0	9.5	0.0
-77.5°	25.8	16.3	8.1	0.0
-80°	20.4	12.2	5.4	0.0
-82.5°	14.9	9.5	4.1	0.0
-85°	9.5	6.8	2.7	0.0
-87.5°	5.4	2.7	1.4	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)