

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: P721966

Luminaire Tested: **IFLD-S-SA3C-722-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P721966
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3C-722-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (48) 2200K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

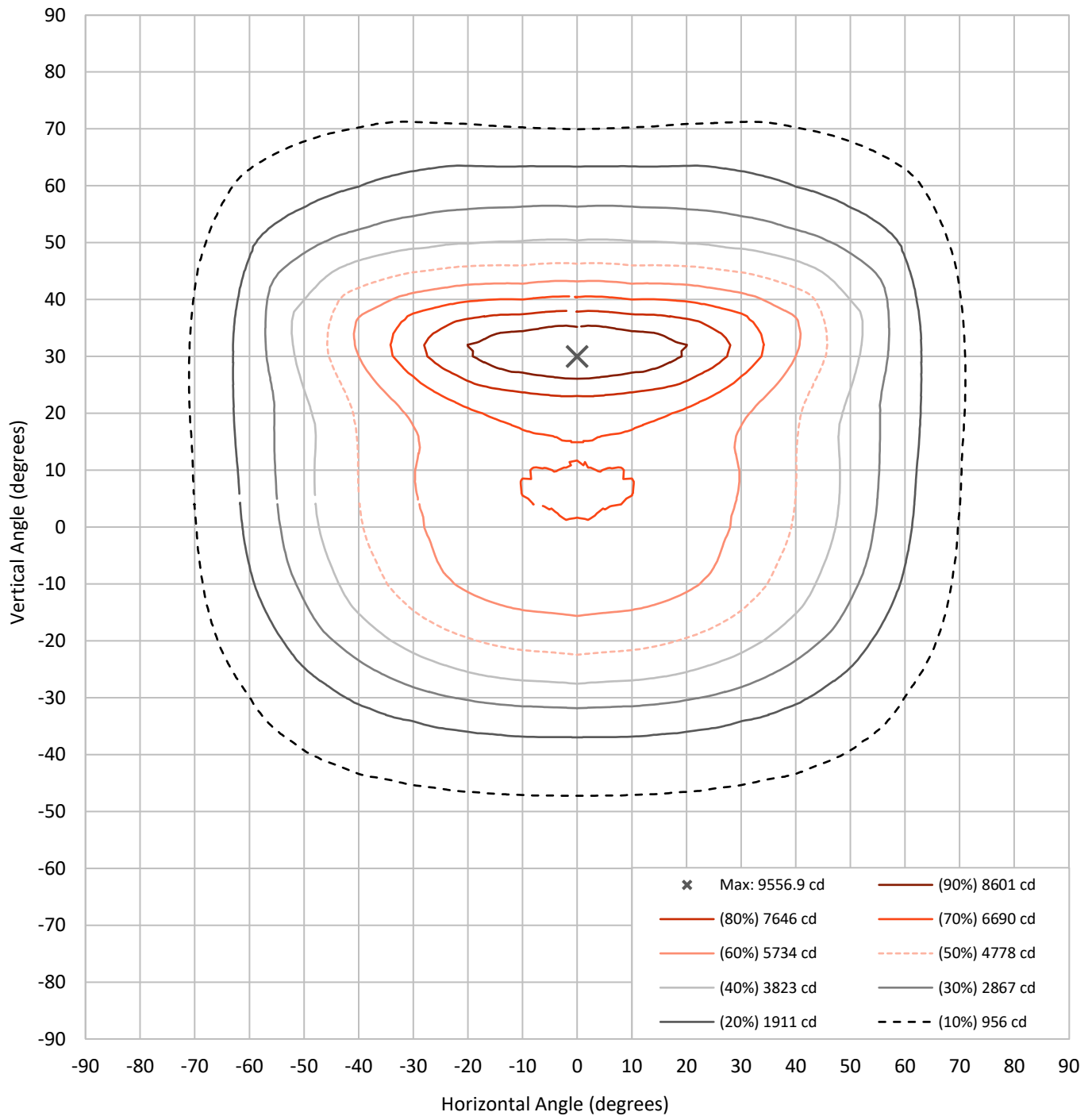
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	15952.9 lumens	Max Intensity:	9556.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	99.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	9276.8 lumens	Field Lumens:	14950 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 160.8
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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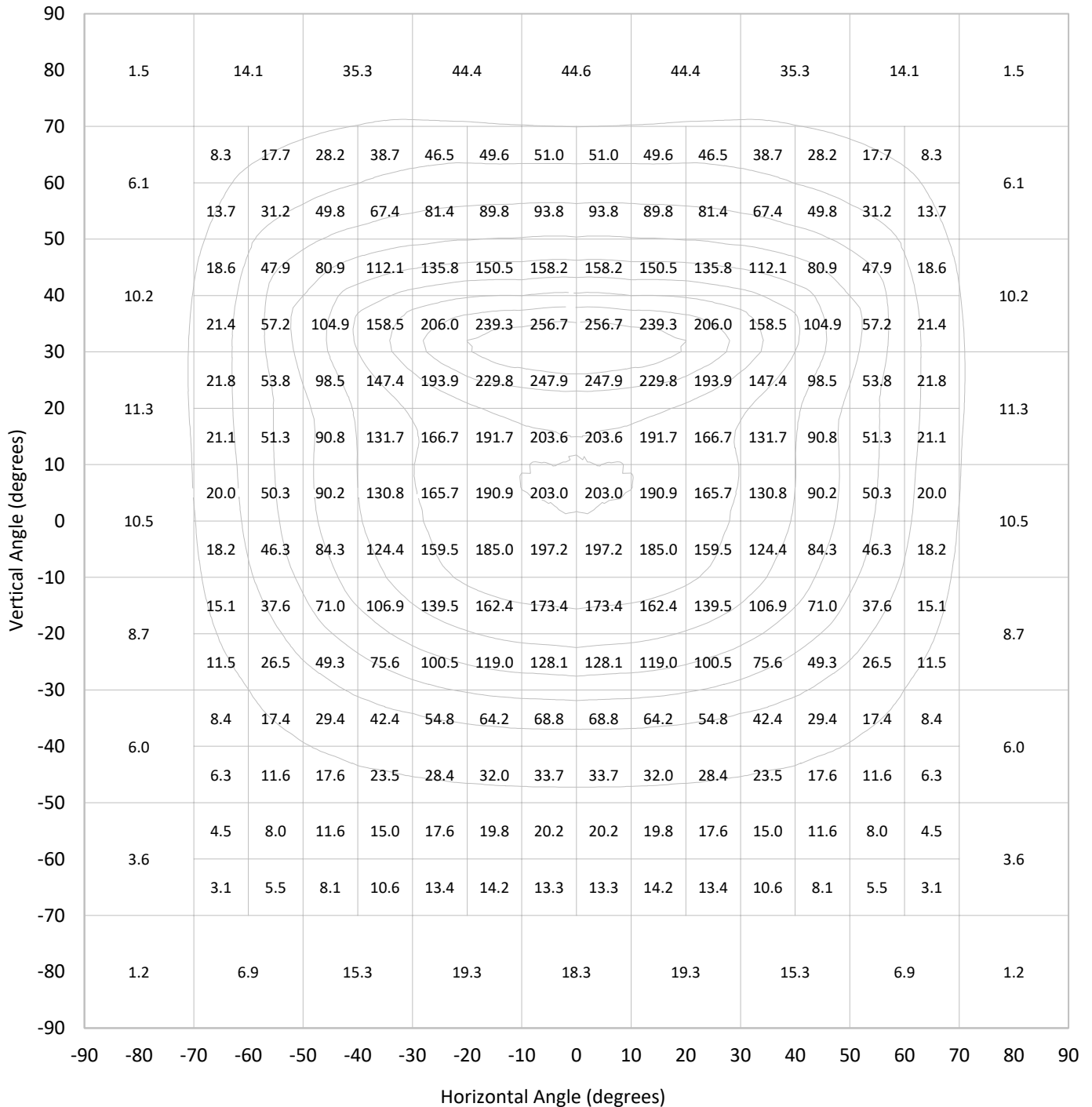
Iso-Candela Plot





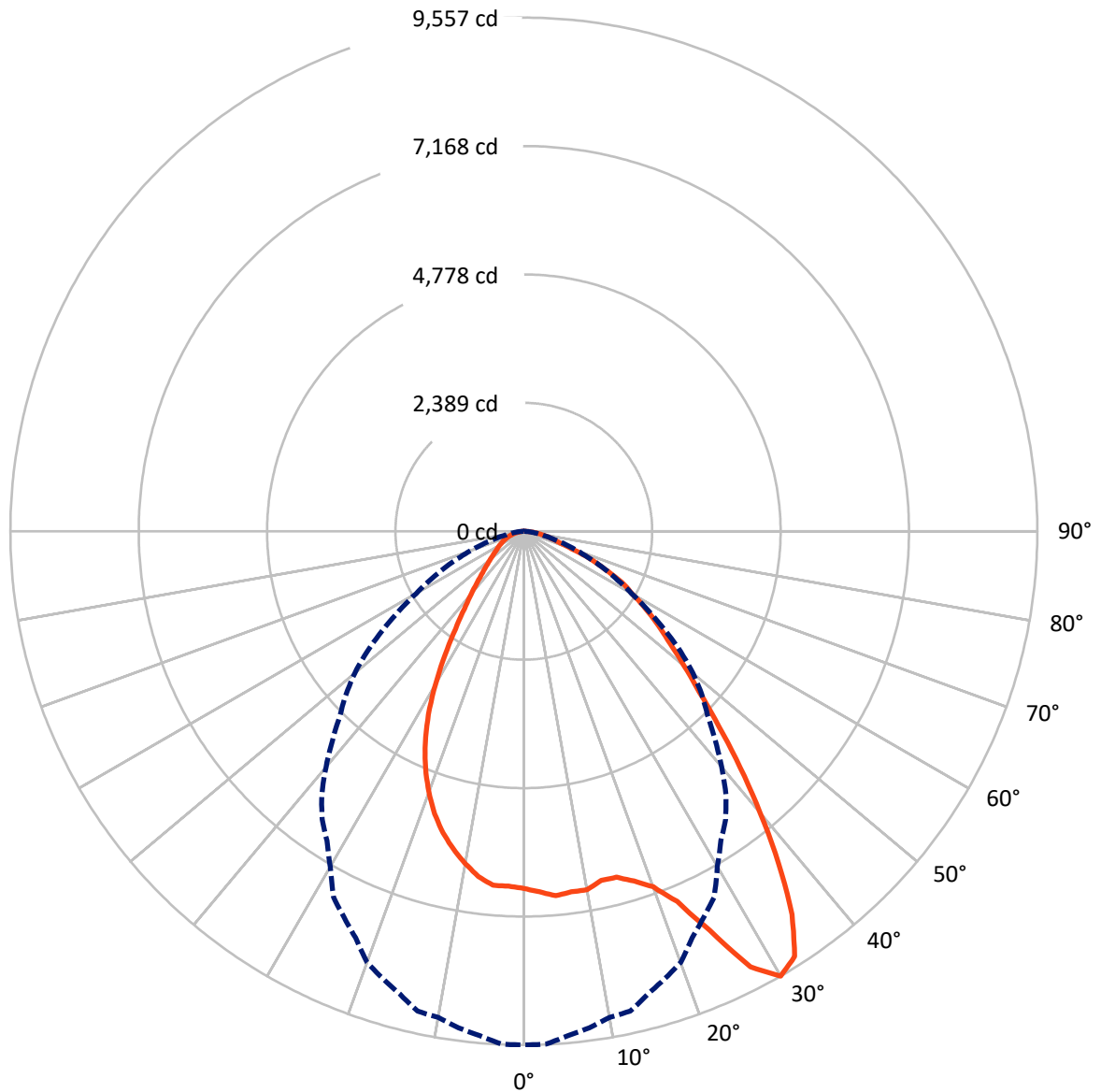
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Lumen Table



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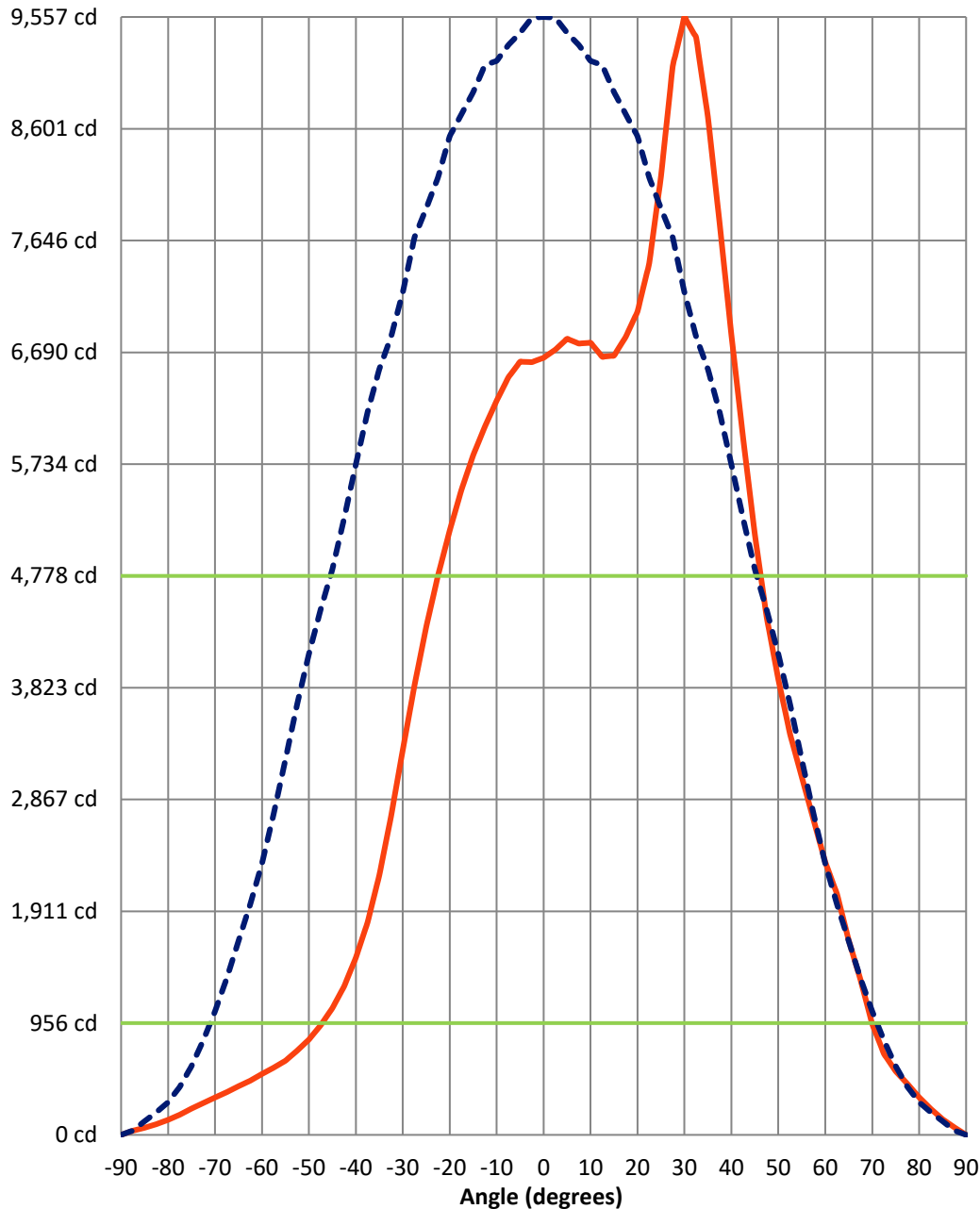
Luminous Intensity Polar Plot



— 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: 9276.8
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 14950
 Efficiency: 93.7%

Spill:
 Lumens: 1003
 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°	64.2	65.9	67.6	67.6	65.9	65.9	65.9	64.2	65.9	65.9	65.9
85°	133.5	136.9	140.3	138.6	136.9	133.5	130.1	131.8	133.5	135.2	135.2
82.5°	221.4	226.5	229.8	228.1	224.8	221.4	218.0	219.7	223.1	224.8	224.8
80°	321.1	322.8	324.5	327.9	322.8	322.8	321.1	327.9	331.2	334.6	338.0
77.5°	436.0	437.7	437.7	439.4	441.1	442.8	442.8	454.6	463.1	468.1	473.2
75°	544.2	549.2	554.3	559.4	566.1	569.5	574.6	591.5	605.0	615.2	625.3
72.5°	692.9	699.7	708.1	719.9	731.8	740.2	752.0	772.3	787.5	797.7	809.5
70°	948.1	954.8	963.3	971.7	983.6	992.0	1003.9	1029.2	1044.4	1051.2	1057.9
67.5°	1326.6	1343.5	1358.8	1341.9	1333.4	1321.6	1325.0	1348.6	1363.8	1374.0	1372.3
65°	1663.0	1674.8	1674.8	1673.1	1666.3	1651.1	1659.6	1688.3	1705.2	1713.7	1688.3
62.5°	2058.4	2058.4	2050.0	2063.5	2065.2	2055.0	2050.0	2051.7	2053.3	2058.4	2016.2
60°	2332.2	2349.1	2354.2	2366.0	2369.4	2369.4	2377.8	2384.6	2384.6	2374.4	2325.4
57.5°	2693.9	2726.0	2732.7	2724.3	2707.4	2685.4	2682.0	2671.9	2651.6	2631.3	2607.7
55°	3058.9	3075.8	3074.1	3069.0	3052.1	3026.8	3030.2	3016.6	2984.5	2959.2	2927.1
52.5°	3425.6	3466.2	3472.9	3462.8	3439.1	3412.1	3413.8	3398.6	3366.5	3339.4	3295.5
50°	3893.8	3927.6	3924.2	3907.3	3873.5	3853.2	3854.9	3826.2	3789.0	3780.5	3723.1
47.5°	4429.5	4468.4	4461.6	4437.9	4392.3	4383.9	4392.3	4355.1	4333.2	4314.6	4247.0
45°	5132.5	5178.2	5152.8	5107.2	5034.5	5043.0	5054.8	5048.0	5000.7	4951.7	4865.5
42.5°	5957.2	5986.0	5955.6	5909.9	5818.7	5835.6	5828.8	5788.2	5759.5	5678.4	5568.5
40°	6839.4	6901.9	6854.6	6783.6	6689.0	6714.4	6695.8	6643.4	6575.8	6474.4	6335.8
37.5°	7790.9	7839.9	7785.8	7703.0	7618.5	7610.1	7572.9	7491.8	7395.4	7283.9	7062.5
35°	8701.8	8828.5	8728.8	8597.0	8493.9	8455.1	8419.6	8232.0	8122.1	7941.3	7638.8
32.5°	9379.5	9472.4	9349.1	9212.2	9087.1	9033.0	8908.0	8684.9	8625.7	8245.5	7968.3
30°	9556.9	9550.2	9421.7	9317.0	9181.8	9144.6	8914.7	8725.5	8536.2	8184.7	7921.0
27.5°	9134.4	9092.2	8968.8	8877.6	8744.0	8700.1	8473.6	8372.2	8079.9	7782.4	7559.4
25°	8193.1	8215.1	8122.1	8076.5	7988.6	7894.0	7804.4	7667.5	7485.0	7224.7	7020.2
22.5°	7451.2	7479.9	7441.1	7387.0	7319.4	7267.0	7199.4	7092.9	6917.2	6756.6	6563.9
20°	7038.8	7030.4	6996.6	6956.0	6891.8	6854.6	6780.3	6690.7	6555.5	6416.9	6209.1
17.5°	6822.5	6770.1	6738.0	6722.8	6689.0	6641.7	6553.8	6462.5	6357.8	6200.6	6048.5
15°	6662.0	6670.4	6645.1	6633.2	6606.2	6540.3	6450.7	6376.4	6234.4	6155.0	6016.4
12.5°	6651.8	6643.4	6645.1	6640.0	6606.2	6521.7	6476.1	6381.4	6290.2	6185.4	6026.5
10°	6771.8	6682.2	6689.0	6712.7	6658.6	6591.0	6542.0	6438.9	6352.7	6219.2	6062.0
7.5°	6765.1	6719.4	6732.9	6694.1	6711.0	6628.2	6560.6	6457.5	6349.3	6207.4	6065.4
5°	6805.6	6736.3	6724.5	6727.9	6685.6	6623.1	6531.8	6433.8	6332.4	6173.6	6028.2
2.5°	6712.7	6722.8	6668.7	6648.4	6643.4	6538.6	6454.1	6359.5	6254.7	6114.4	5984.3
0°	6643.4	6662.0	6606.2	6577.5	6575.8	6486.2	6432.1	6324.0	6249.6	6133.0	5975.8
-2.5°	6606.2	6628.2	6634.9	6582.5	6531.8	6462.5	6371.3	6254.7	6133.0	5997.8	5862.6
-5°	6609.6	6565.6	6547.0	6563.9	6520.0	6450.7	6349.3	6246.2	6126.2	5980.9	5811.9
-7.5°	6476.1	6432.1	6428.8	6420.3	6410.2	6344.3	6259.8	6148.2	6026.5	5891.3	5734.2
-10°	6276.7	6244.5	6236.1	6227.6	6200.6	6161.7	6082.3	5980.9	5871.1	5735.9	5568.5
-12.5°	6055.3	6040.1	6007.9	5986.0	5958.9	5913.3	5837.3	5744.3	5634.5	5514.5	5370.8
-15°	5810.2	5781.5	5749.4	5730.8	5691.9	5637.8	5561.8	5475.6	5355.6	5237.3	5102.1
-17.5°	5514.5	5479.0	5443.5	5438.4	5411.4	5328.6	5257.6	5152.8	5048.0	4934.8	4803.0
-20°	5166.3	5117.3	5093.7	5080.1	5043.0	4982.1	4906.1	4809.7	4708.3	4600.2	4448.1



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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°	4781.0	4738.8	4698.2	4672.8	4640.7	4593.4	4520.7	4436.2	4336.5	4214.9	4074.6
-25°	4343.3	4284.1	4258.8	4230.1	4213.2	4169.2	4098.2	4020.5	3917.4	3799.1	3665.6
-27.5°	3843.1	3795.7	3782.2	3741.7	3721.4	3675.7	3616.6	3543.9	3449.3	3337.7	3227.9
-30°	3290.4	3261.7	3239.7	3199.2	3184.0	3134.9	3096.1	3035.2	2949.0	2869.6	2781.7
-32.5°	2722.6	2693.9	2687.1	2668.5	2658.4	2626.3	2582.3	2538.4	2469.1	2409.9	2339.0
-35°	2219.0	2198.7	2200.4	2198.7	2188.5	2164.9	2110.8	2099.0	2048.3	1994.2	1948.6
-37.5°	1816.7	1818.4	1816.7	1815.1	1801.5	1791.4	1752.5	1737.3	1706.9	1654.5	1627.5
-40°	1514.2	1517.6	1515.9	1512.5	1497.3	1492.3	1466.9	1446.6	1434.8	1397.6	1368.9
-42.5°	1269.2	1274.3	1272.6	1270.9	1260.7	1259.0	1245.5	1221.9	1215.1	1193.1	1162.7
-45°	1083.3	1081.6	1078.2	1081.6	1076.5	1071.5	1063.0	1047.8	1039.3	1029.2	1003.9
-47.5°	936.3	937.9	934.6	934.6	927.8	922.7	919.4	909.2	902.5	894.0	878.8
-50°	814.6	821.3	819.6	818.0	812.9	809.5	809.5	799.4	789.2	785.8	775.7
-52.5°	719.9	725.0	726.7	730.1	731.8	733.5	728.4	718.2	701.3	699.7	694.6
-55°	633.7	649.0	659.1	665.9	672.6	677.7	667.5	654.0	637.1	630.4	628.7
-57.5°	574.6	589.8	601.6	611.8	620.2	628.7	618.5	605.0	589.8	581.4	579.7
-60°	520.5	534.0	545.9	559.4	571.2	584.7	579.7	569.5	561.1	554.3	547.6
-62.5°	463.1	476.6	490.1	507.0	522.2	535.7	537.4	535.7	534.0	535.7	523.9
-65°	415.7	422.5	430.9	449.5	466.4	481.6	490.1	495.2	503.6	512.1	500.2
-67.5°	365.0	373.5	383.6	397.1	410.7	420.8	432.6	446.2	459.7	473.2	464.7
-70°	319.4	326.2	334.6	341.4	349.8	356.6	366.7	381.9	397.1	410.7	407.3
-72.5°	272.1	278.8	283.9	287.3	292.4	295.7	300.8	314.3	324.5	331.2	331.2
-75°	224.8	231.5	236.6	238.3	241.7	243.4	246.7	251.8	256.9	258.6	260.3
-77.5°	172.4	179.1	184.2	187.6	191.0	194.3	196.0	199.4	201.1	201.1	202.8
-80°	128.4	133.5	136.9	142.0	143.6	147.0	150.4	152.1	153.8	153.8	155.5
-82.5°	91.3	94.6	98.0	101.4	104.8	106.5	109.8	111.5	113.2	114.9	116.6
-85°	60.8	64.2	67.6	71.0	72.7	74.4	76.0	77.7	79.4	81.1	82.8
-87.5°	35.5	37.2	38.9	42.2	43.9	47.3	49.0	47.3	49.0	49.0	49.0
-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°	65.9	65.9	65.9	65.9	64.2	60.8	59.1	55.8	52.4	49.0	45.6
85°	136.9	138.6	138.6	138.6	135.2	133.5	128.4	123.4	116.6	106.5	98.0
82.5°	228.1	229.8	229.8	228.1	224.8	219.7	212.9	204.5	191.0	177.4	165.6
80°	343.1	344.8	344.8	343.1	334.6	326.2	317.7	307.6	290.7	272.1	251.8
77.5°	480.0	483.3	483.3	478.3	466.4	456.3	442.8	425.9	400.5	373.5	346.4
75°	638.8	647.3	649.0	643.9	628.7	610.1	588.1	559.4	520.5	486.7	454.6
72.5°	823.0	831.5	838.2	831.5	809.5	784.2	752.0	718.2	679.4	633.7	579.7
70°	1064.7	1073.1	1078.2	1056.2	1017.4	975.1	936.3	897.4	851.8	796.0	736.8
67.5°	1368.9	1360.4	1350.3	1306.4	1257.4	1206.7	1152.6	1095.1	1036.0	976.8	907.5
65°	1661.3	1637.6	1615.6	1563.2	1500.7	1434.8	1372.3	1308.1	1237.1	1162.7	1096.8
62.5°	1968.8	1918.1	1864.1	1799.8	1735.6	1663.0	1600.4	1524.4	1444.9	1353.7	1269.2
60°	2271.4	2210.5	2156.4	2077.0	1992.5	1894.5	1826.9	1752.5	1659.6	1561.6	1461.8
57.5°	2563.7	2497.8	2438.7	2369.4	2278.1	2171.6	2097.3	2001.0	1902.9	1779.6	1678.2
55°	2874.7	2808.8	2761.5	2683.7	2584.0	2486.0	2404.9	2303.5	2166.6	2034.8	1909.7
52.5°	3231.3	3178.9	3128.2	3048.8	2928.8	2829.1	2739.5	2626.3	2482.6	2320.4	2170.0
50°	3630.1	3603.1	3549.0	3456.0	3319.2	3231.3	3113.0	2962.6	2808.8	2638.1	2450.5
47.5°	4159.1	4115.1	4039.1	3937.7	3822.8	3691.0	3532.1	3356.3	3138.3	2949.0	2749.6
45°	4791.1	4710.0	4612.0	4475.1	4333.2	4184.4	4010.4	3787.3	3494.9	3248.2	3038.6
42.5°	5475.6	5365.7	5232.2	5053.1	4868.9	4686.4	4498.8	4194.6	3829.5	3545.6	3309.0
40°	6190.5	6050.2	5882.9	5622.6	5418.1	5183.2	4968.6	4514.0	4125.3	3817.7	3565.9
37.5°	6890.1	6712.7	6432.1	6116.1	5877.8	5685.2	5213.6	4726.9	4378.8	4040.8	3785.6
35°	7425.8	7275.4	6780.3	6452.4	6247.9	5943.7	5353.9	4855.4	4486.9	4206.4	3809.3
32.5°	7743.6	7354.9	6920.5	6589.3	6420.3	5921.8	5364.1	4892.5	4537.6	4223.3	3748.4
30°	7672.6	7202.8	6822.5	6545.4	6178.6	5730.8	5269.4	4835.1	4490.3	4110.1	3680.8
27.5°	7245.0	6881.7	6542.0	6253.0	5893.0	5490.8	5064.9	4683.0	4361.9	3993.5	3587.9
25°	6761.7	6432.1	6180.3	5928.5	5587.1	5203.5	4828.3	4552.9	4230.1	3866.7	3466.2
22.5°	6317.2	6080.6	5882.9	5619.2	5286.3	4951.7	4718.5	4432.9	4101.6	3733.2	3341.1
20°	6033.3	5872.7	5646.3	5355.6	5093.7	4884.1	4625.5	4323.0	3981.6	3596.3	3234.7
17.5°	5896.4	5710.5	5458.7	5269.4	5068.3	4838.5	4549.5	4228.4	3865.0	3533.8	3246.5
15°	5825.4	5629.4	5463.8	5277.9	5051.4	4809.7	4488.6	4155.7	3865.0	3559.1	3254.9
12.5°	5840.6	5671.6	5490.8	5288.0	5044.6	4786.1	4495.4	4186.1	3885.3	3577.7	3256.6
10°	5888.0	5710.5	5517.8	5293.1	5048.0	4792.8	4514.0	4204.7	3895.4	3586.2	3253.2
7.5°	5904.9	5712.2	5506.0	5279.6	5039.6	4789.5	4517.4	4209.8	3897.1	3584.5	3243.1
5°	5852.5	5678.4	5479.0	5250.8	5015.9	4772.6	4503.8	4203.0	3883.6	3567.6	3217.8
2.5°	5781.5	5641.2	5450.2	5230.5	4992.3	4748.9	4481.9	4172.6	3853.2	3537.2	3185.6
0°	5769.7	5595.6	5402.9	5206.9	4953.4	4696.5	4431.2	4115.1	3797.4	3479.7	3129.9
-2.5°	5691.9	5507.7	5315.0	5102.1	4879.0	4620.5	4341.6	4032.3	3718.0	3405.3	3069.0
-5°	5632.8	5428.3	5223.8	4993.9	4769.2	4510.6	4221.6	3920.8	3613.2	3309.0	2984.5
-7.5°	5553.3	5343.8	5129.1	4889.2	4645.8	4382.2	4096.6	3795.7	3493.2	3190.7	2879.8
-10°	5392.8	5208.6	5007.5	4759.0	4502.2	4238.5	3954.6	3658.8	3356.3	3050.4	2737.8
-12.5°	5198.4	5004.1	4784.4	4556.2	4326.4	4081.3	3797.4	3506.7	3202.5	2895.0	2584.0
-15°	4946.6	4755.7	4530.9	4307.8	4086.4	3851.5	3601.4	3339.4	3030.2	2727.7	2416.7
-17.5°	4632.3	4453.1	4252.0	4039.1	3819.4	3582.8	3339.4	3118.0	2829.1	2545.1	2237.6
-20°	4294.3	4127.0	3946.1	3745.0	3525.3	3293.8	3064.0	2832.4	2582.3	2332.2	2046.6



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 CATALOG NUMBER: IFLD-S-SA3C-722-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	3942.8	3773.8	3591.2	3403.7	3200.9	2986.2	2773.3	2551.9	2332.2	2105.7	1864.1
-25°	3537.2	3388.4	3221.1	3038.6	2857.8	2670.2	2467.4	2266.3	2078.7	1882.7	1684.9
-27.5°	3113.0	2976.1	2824.0	2665.1	2509.6	2352.5	2176.7	1990.8	1835.3	1673.1	1509.2
-30°	2666.8	2557.0	2433.6	2295.0	2175.0	2048.3	1901.2	1747.5	1605.5	1482.1	1350.3
-32.5°	2244.3	2151.4	2063.5	1972.2	1853.9	1755.9	1654.5	1541.3	1416.2	1299.6	1205.0
-35°	1881.0	1781.3	1744.1	1676.5	1592.0	1505.8	1431.4	1350.3	1255.7	1152.6	1074.8
-37.5°	1575.1	1515.9	1463.5	1426.4	1370.6	1301.3	1242.1	1183.0	1110.3	1032.6	954.8
-40°	1336.8	1296.2	1238.8	1220.2	1184.7	1137.4	1076.5	1030.9	981.9	922.7	856.8
-42.5°	1145.8	1115.4	1078.2	1046.1	1030.9	997.1	949.8	905.8	867.0	826.4	775.7
-45°	988.6	968.4	944.7	916.0	904.1	877.1	843.3	794.3	772.3	738.5	701.3
-47.5°	861.9	851.8	834.9	816.3	799.4	779.1	748.7	718.2	687.8	665.9	637.1
-50°	762.2	755.4	745.3	730.1	708.1	694.6	674.3	647.3	618.5	599.9	579.7
-52.5°	682.8	676.0	669.2	657.4	640.5	627.0	610.1	588.1	564.5	545.9	529.0
-55°	621.9	611.8	606.7	596.6	583.0	567.8	552.6	537.4	517.1	500.2	483.3
-57.5°	574.6	561.1	554.3	545.9	532.3	517.1	505.3	490.1	476.6	458.0	442.8
-60°	537.4	522.2	508.7	500.2	488.4	473.2	461.4	449.5	436.0	420.8	402.2
-62.5°	507.0	488.4	469.8	459.7	447.8	434.3	422.5	410.7	397.1	381.9	365.0
-65°	478.3	456.3	432.6	422.5	410.7	397.1	381.9	373.5	361.7	348.1	331.2
-67.5°	442.8	419.1	398.8	387.0	375.2	363.3	349.8	341.4	329.5	312.6	295.7
-70°	390.4	375.2	361.7	351.5	341.4	331.2	317.7	304.2	290.7	275.5	260.3
-72.5°	324.5	319.4	317.7	312.6	300.8	289.0	275.5	261.9	250.1	238.3	226.5
-75°	261.9	265.3	268.7	267.0	255.2	243.4	231.5	219.7	211.2	201.1	191.0
-77.5°	207.9	211.2	214.6	214.6	206.2	199.4	191.0	182.5	175.8	167.3	157.2
-80°	160.5	165.6	170.7	174.1	167.3	162.2	155.5	148.7	142.0	135.2	128.4
-82.5°	121.7	126.7	131.8	135.2	130.1	126.7	121.7	116.6	111.5	104.8	99.7
-85°	87.9	91.3	94.6	96.3	92.9	89.6	86.2	82.8	79.4	74.4	71.0
-87.5°	50.7	52.4	54.1	55.8	52.4	49.0	47.3	43.9	42.2	38.9	37.2
-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):

	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°	42.2	38.9	35.5	33.8	30.4	25.3	22.0	18.6	15.2	11.8	10.1
85°	89.6	81.1	71.0	65.9	59.1	52.4	45.6	38.9	32.1	25.3	18.6
82.5°	153.8	143.6	133.5	121.7	106.5	87.9	69.3	57.5	47.3	37.2	28.7
80°	231.5	212.9	196.0	180.8	163.9	140.3	114.9	91.3	64.2	49.0	37.2
77.5°	321.1	299.1	275.5	250.1	223.1	191.0	162.2	131.8	99.7	67.6	47.3
75°	422.5	393.8	361.7	326.2	290.7	248.4	207.9	172.4	135.2	94.6	57.5
72.5°	535.7	500.2	461.4	414.0	358.3	309.3	260.3	212.9	169.0	120.0	77.7
70°	681.1	625.3	567.8	517.1	446.2	368.4	311.0	256.9	201.1	147.0	98.0
67.5°	836.5	768.9	699.7	625.3	535.7	444.5	361.7	300.8	234.9	172.4	116.6
65°	1005.5	921.0	833.2	750.4	627.0	518.8	425.9	343.1	267.0	196.0	135.2
62.5°	1179.6	1079.9	978.5	870.3	728.4	594.9	486.7	390.4	297.4	218.0	152.1
60°	1365.5	1248.9	1125.5	990.3	824.7	677.7	544.2	439.4	329.5	240.0	170.7
57.5°	1561.6	1434.8	1289.5	1106.9	924.4	757.1	610.1	483.3	358.3	260.3	184.2
55°	1774.5	1629.2	1470.3	1228.6	1022.4	836.5	676.0	527.3	388.7	277.2	197.7
52.5°	2004.3	1835.3	1634.2	1357.1	1125.5	917.7	736.8	566.1	417.4	295.7	209.6
50°	2261.2	2048.3	1777.9	1475.4	1215.1	993.7	797.7	608.4	441.1	316.0	219.7
47.5°	2528.2	2298.4	1906.3	1585.2	1306.4	1068.1	860.2	645.6	464.7	332.9	229.8
45°	2807.1	2472.5	2039.8	1683.2	1385.8	1135.7	907.5	679.4	493.5	348.1	238.3
42.5°	3082.6	2604.3	2156.4	1781.3	1460.2	1196.5	946.4	711.5	517.1	363.3	246.7
40°	3212.7	2704.0	2249.4	1848.9	1522.7	1250.6	980.2	740.2	537.4	373.5	255.2
37.5°	3266.8	2764.8	2310.2	1913.1	1571.7	1279.3	1008.9	765.6	554.3	383.6	261.9
35°	3278.6	2786.8	2340.6	1957.0	1612.3	1306.4	1030.9	784.2	567.8	393.8	268.7
32.5°	3256.6	2780.0	2349.1	1972.2	1637.6	1326.6	1046.1	797.7	578.0	403.9	275.5
30°	3207.6	2744.6	2318.7	1970.5	1656.2	1338.5	1056.2	807.8	588.1	410.7	278.8
27.5°	3128.2	2682.0	2279.8	1972.2	1666.3	1343.5	1061.3	812.9	594.9	415.7	285.6
25°	3030.2	2597.5	2281.5	1968.8	1668.0	1345.2	1061.3	812.9	596.6	417.4	290.7
22.5°	2916.9	2597.5	2281.5	1963.8	1657.9	1341.9	1056.2	809.5	596.6	420.8	295.7
20°	2923.7	2599.2	2276.4	1953.6	1642.7	1331.7	1044.4	801.1	591.5	425.9	299.1
17.5°	2928.8	2595.8	2266.3	1940.1	1622.4	1314.8	1029.2	789.2	591.5	430.9	300.8
15°	2928.8	2585.7	2251.1	1919.8	1597.0	1291.2	1007.2	779.1	593.2	432.6	304.2
12.5°	2923.7	2567.1	2227.4	1892.8	1566.6	1262.4	993.7	775.7	593.2	434.3	304.2
10°	2913.6	2541.8	2197.0	1859.0	1537.9	1252.3	987.0	768.9	589.8	434.3	304.2
7.5°	2895.0	2511.3	2171.6	1838.7	1521.0	1240.5	976.8	758.8	584.7	430.9	307.6
5°	2866.2	2494.4	2151.4	1815.1	1497.3	1232.0	970.1	750.4	581.4	430.9	304.2
2.5°	2829.1	2474.2	2127.7	1784.6	1470.3	1203.3	948.1	731.8	569.5	424.2	300.8
0°	2768.2	2433.6	2087.1	1742.4	1433.1	1174.5	926.1	713.2	557.7	417.4	297.4
-2.5°	2712.4	2379.5	2034.8	1698.4	1397.6	1149.2	909.2	703.0	552.6	415.7	295.7
-5°	2634.7	2305.2	1965.5	1641.0	1350.3	1123.8	892.3	691.2	547.6	412.4	295.7
-7.5°	2548.5	2227.4	1892.8	1581.8	1303.0	1079.9	860.2	672.6	535.7	405.6	294.1
-10°	2415.0	2110.8	1801.5	1514.2	1252.3	1041.0	833.2	655.7	525.6	398.8	287.3
-12.5°	2273.0	1982.4	1696.8	1431.4	1194.8	1000.5	802.7	637.1	513.8	392.1	283.9
-15°	2122.6	1850.5	1586.9	1345.2	1132.3	951.5	770.6	616.8	501.9	383.6	278.8
-17.5°	1965.5	1712.0	1473.7	1257.4	1069.8	900.8	736.8	598.3	488.4	375.2	273.8
-20°	1799.8	1570.0	1358.8	1167.8	1003.9	850.1	701.3	576.3	473.2	365.0	267.0



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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°	1635.9	1429.7	1240.5	1079.9	936.3	797.7	665.9	554.3	456.3	353.2	261.9
-25°	1490.6	1297.9	1135.7	995.4	870.3	747.0	628.7	532.3	437.7	341.4	255.2
-27.5°	1348.6	1184.7	1032.6	916.0	806.1	698.0	593.2	508.7	419.1	327.9	248.4
-30°	1216.8	1076.5	951.5	838.2	745.3	654.0	562.8	485.0	398.8	314.3	240.0
-32.5°	1096.8	983.6	878.8	770.6	687.8	610.1	534.0	461.4	378.6	300.8	231.5
-35°	985.3	897.4	806.1	714.9	630.4	569.5	503.6	436.0	360.0	285.6	223.1
-37.5°	885.6	814.6	741.9	664.2	591.5	530.7	474.9	410.7	341.4	272.1	214.6
-40°	799.4	741.9	677.7	615.2	554.3	496.9	446.2	385.3	322.8	261.9	206.2
-42.5°	719.9	676.0	623.6	571.2	517.1	466.4	417.4	358.3	304.2	250.1	197.7
-45°	659.1	615.2	572.9	525.6	480.0	436.0	387.0	334.6	287.3	236.6	189.3
-47.5°	601.6	562.8	523.9	485.0	447.8	407.3	358.3	314.3	268.7	224.8	182.5
-50°	550.9	513.8	480.0	446.2	414.0	375.2	329.5	294.1	253.5	212.9	174.1
-52.5°	503.6	471.5	437.7	410.7	383.6	344.8	307.6	273.8	238.3	199.4	165.6
-55°	461.4	430.9	400.5	375.2	349.8	316.0	285.6	256.9	223.1	189.3	157.2
-57.5°	420.8	395.5	366.7	343.1	317.7	290.7	265.3	238.3	207.9	179.1	148.7
-60°	383.6	360.0	334.6	311.0	289.0	267.0	243.4	221.4	194.3	167.3	140.3
-62.5°	346.4	326.2	304.2	280.5	263.6	243.4	224.8	202.8	180.8	157.2	125.1
-65°	312.6	294.1	273.8	253.5	238.3	223.1	206.2	185.9	167.3	145.3	111.5
-67.5°	278.8	261.9	245.0	228.1	214.6	202.8	185.9	170.7	155.5	131.8	98.0
-70°	246.7	233.2	218.0	204.5	194.3	180.8	169.0	155.5	142.0	114.9	82.8
-72.5°	216.3	202.8	191.0	180.8	172.4	160.5	150.4	140.3	121.7	96.3	69.3
-75°	180.8	172.4	165.6	157.2	148.7	140.3	131.8	120.0	101.4	77.7	54.1
-77.5°	148.7	143.6	138.6	131.8	125.1	118.3	108.2	96.3	81.1	60.8	43.9
-80°	121.7	116.6	113.2	106.5	101.4	94.6	84.5	74.4	59.1	47.3	35.5
-82.5°	92.9	89.6	86.2	82.8	77.7	71.0	60.8	52.4	43.9	35.5	27.0
-85°	65.9	64.2	60.8	57.5	52.4	47.3	40.6	35.5	30.4	23.7	18.6
-87.5°	33.8	32.1	30.4	28.7	27.0	23.7	20.3	16.9	15.2	11.8	8.4
-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):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	6.8	5.1	1.7	0.0
85°	13.5	8.4	3.4	0.0
82.5°	20.3	13.5	5.1	0.0
80°	27.0	16.9	8.4	0.0
77.5°	33.8	20.3	10.1	0.0
75°	40.6	25.3	11.8	0.0
72.5°	45.6	28.7	13.5	0.0
70°	54.1	33.8	15.2	0.0
67.5°	67.6	37.2	16.9	0.0
65°	79.4	40.6	18.6	0.0
62.5°	92.9	43.9	20.3	0.0
60°	104.8	47.3	22.0	0.0
57.5°	116.6	55.8	23.7	0.0
55°	126.7	62.5	25.3	0.0
52.5°	138.6	69.3	27.0	0.0
50°	148.7	76.0	28.7	0.0
47.5°	157.2	82.8	28.7	0.0
45°	163.9	87.9	30.4	0.0
42.5°	169.0	92.9	32.1	0.0
40°	174.1	98.0	33.8	0.0
37.5°	179.1	103.1	33.8	0.0
35°	184.2	108.2	35.5	0.0
32.5°	189.3	113.2	35.5	0.0
30°	192.7	116.6	37.2	0.0
27.5°	197.7	120.0	37.2	0.0
25°	199.4	123.4	38.9	0.0
22.5°	202.8	125.1	38.9	0.0
20°	206.2	128.4	38.9	0.0
17.5°	207.9	130.1	40.6	0.0
15°	207.9	131.8	42.2	0.0
12.5°	209.6	133.5	42.2	0.0
10°	209.6	136.9	40.6	0.0
7.5°	212.9	135.2	40.6	0.0
5°	211.2	135.2	40.6	0.0
2.5°	209.6	133.5	40.6	0.0
0°	207.9	133.5	40.6	0.0
-2.5°	207.9	133.5	40.6	0.0
-5°	207.9	133.5	40.6	0.0
-7.5°	206.2	135.2	40.6	0.0
-10°	202.8	135.2	40.6	0.0
-12.5°	201.1	130.1	40.6	0.0
-15°	199.4	128.4	40.6	0.0
-17.5°	196.0	126.7	38.9	0.0
-20°	192.7	125.1	38.9	0.0



REPORT NUMBER: P721966
 CATALOG NUMBER: IFLD-S-SA3C-722-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	189.3	121.7	38.9	0.0
-25°	185.9	118.3	37.2	0.0
-27.5°	182.5	114.9	37.2	0.0
-30°	177.4	111.5	35.5	0.0
-32.5°	172.4	108.2	35.5	0.0
-35°	169.0	103.1	33.8	0.0
-37.5°	163.9	98.0	33.8	0.0
-40°	158.9	92.9	32.1	0.0
-42.5°	153.8	87.9	30.4	0.0
-45°	147.0	82.8	30.4	0.0
-47.5°	142.0	77.7	28.7	0.0
-50°	133.5	71.0	27.0	0.0
-52.5°	123.4	64.2	25.3	0.0
-55°	113.2	59.1	23.7	0.0
-57.5°	103.1	52.4	23.7	0.0
-60°	92.9	45.6	22.0	0.0
-62.5°	82.8	42.2	20.3	0.0
-65°	72.7	38.9	18.6	0.0
-67.5°	60.8	33.8	16.9	0.0
-70°	50.7	30.4	15.2	0.0
-72.5°	43.9	27.0	13.5	0.0
-75°	37.2	23.7	11.8	0.0
-77.5°	32.1	20.3	10.1	0.0
-80°	25.3	15.2	6.8	0.0
-82.5°	18.6	11.8	5.1	0.0
-85°	11.8	8.4	3.4	0.0
-87.5°	6.8	3.4	1.7	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)