

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: P722237

Luminaire Tested: **IFLD-M-SA4C-927-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722237
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4C-927-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (64) 2700K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

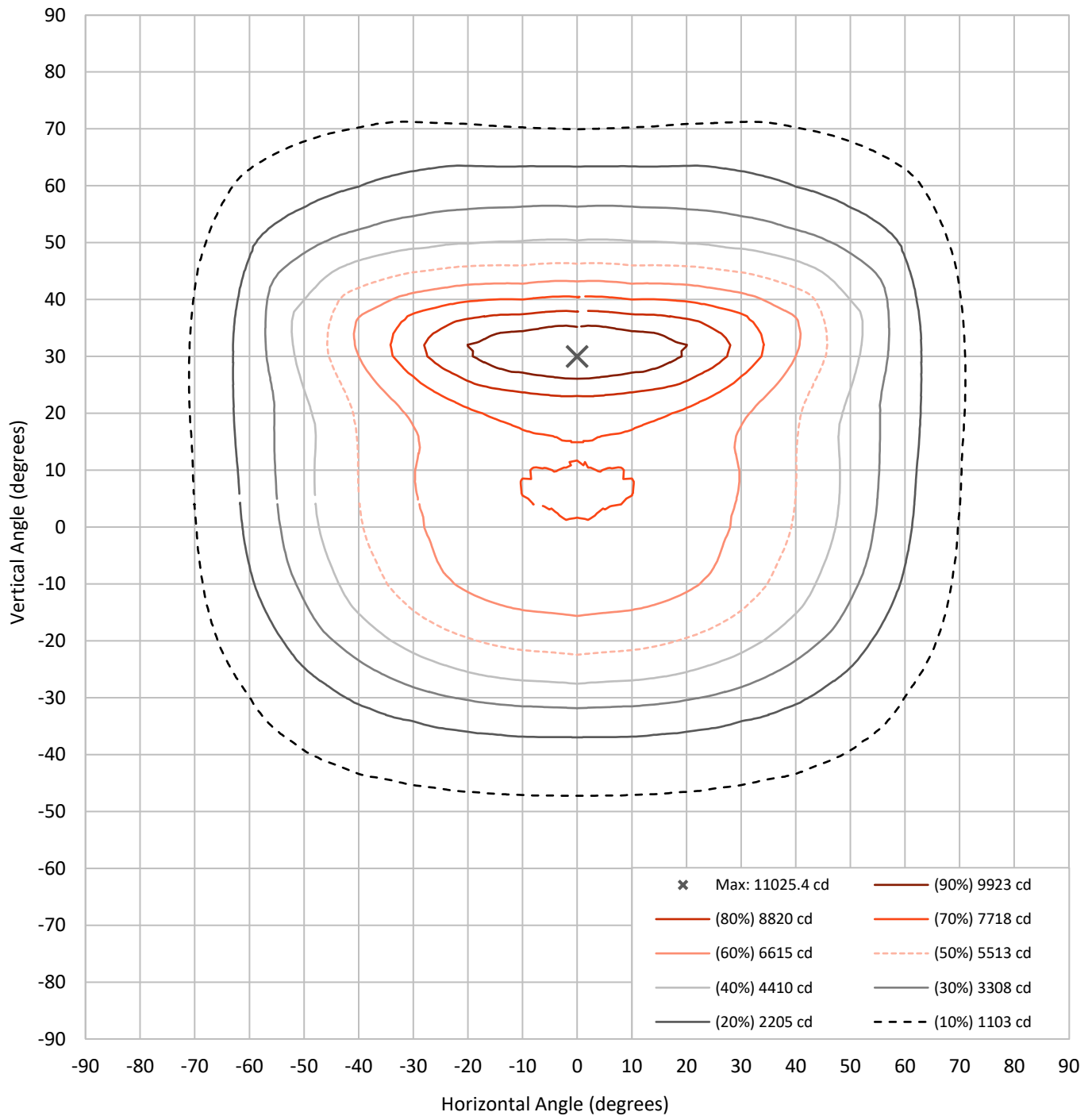
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	18404.2 lumens	Max Intensity:	11025.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	84.4 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	10702.3 lumens	Field Lumens:	17247.1 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 218.1
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



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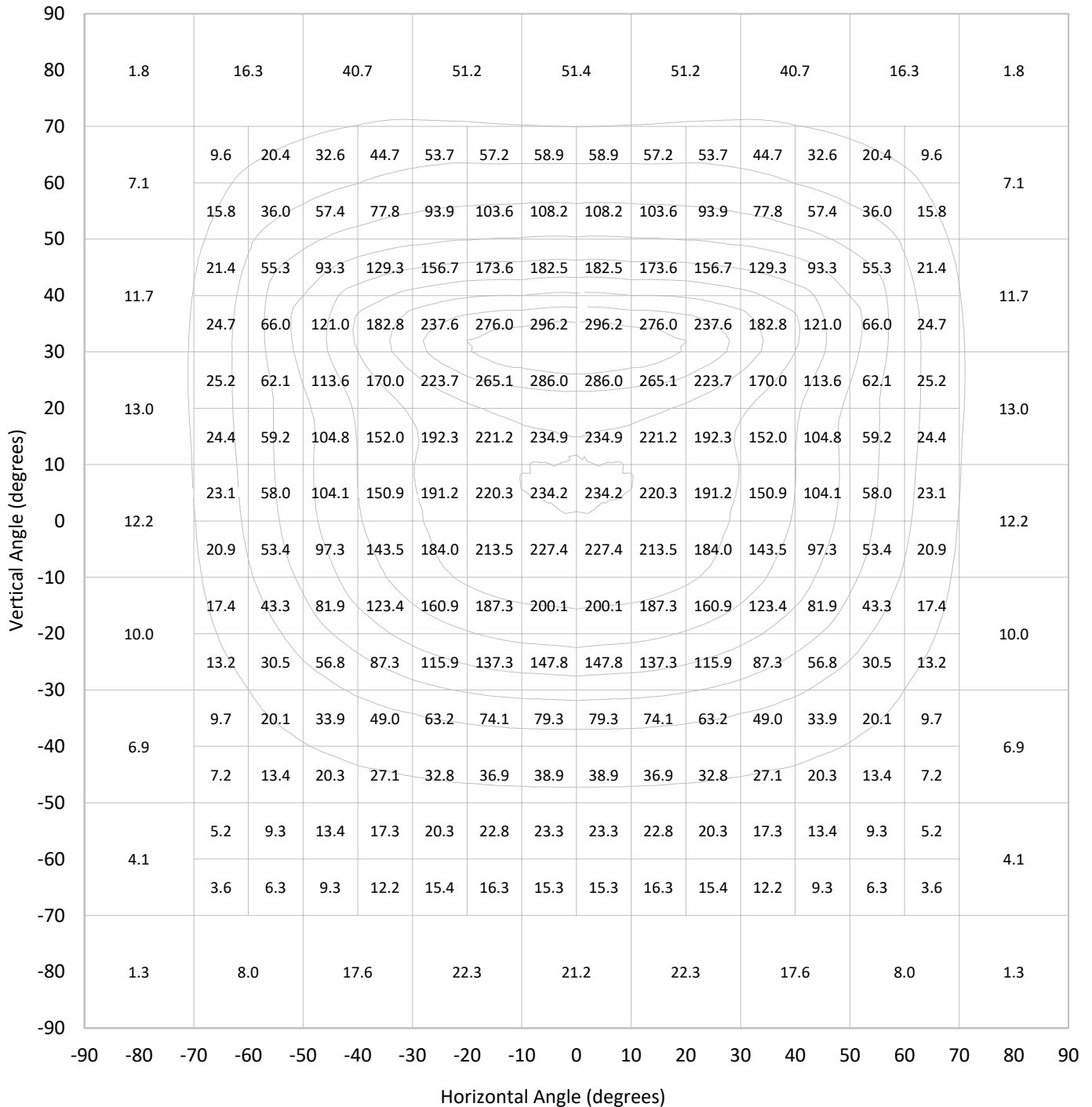
Iso-Candela Plot





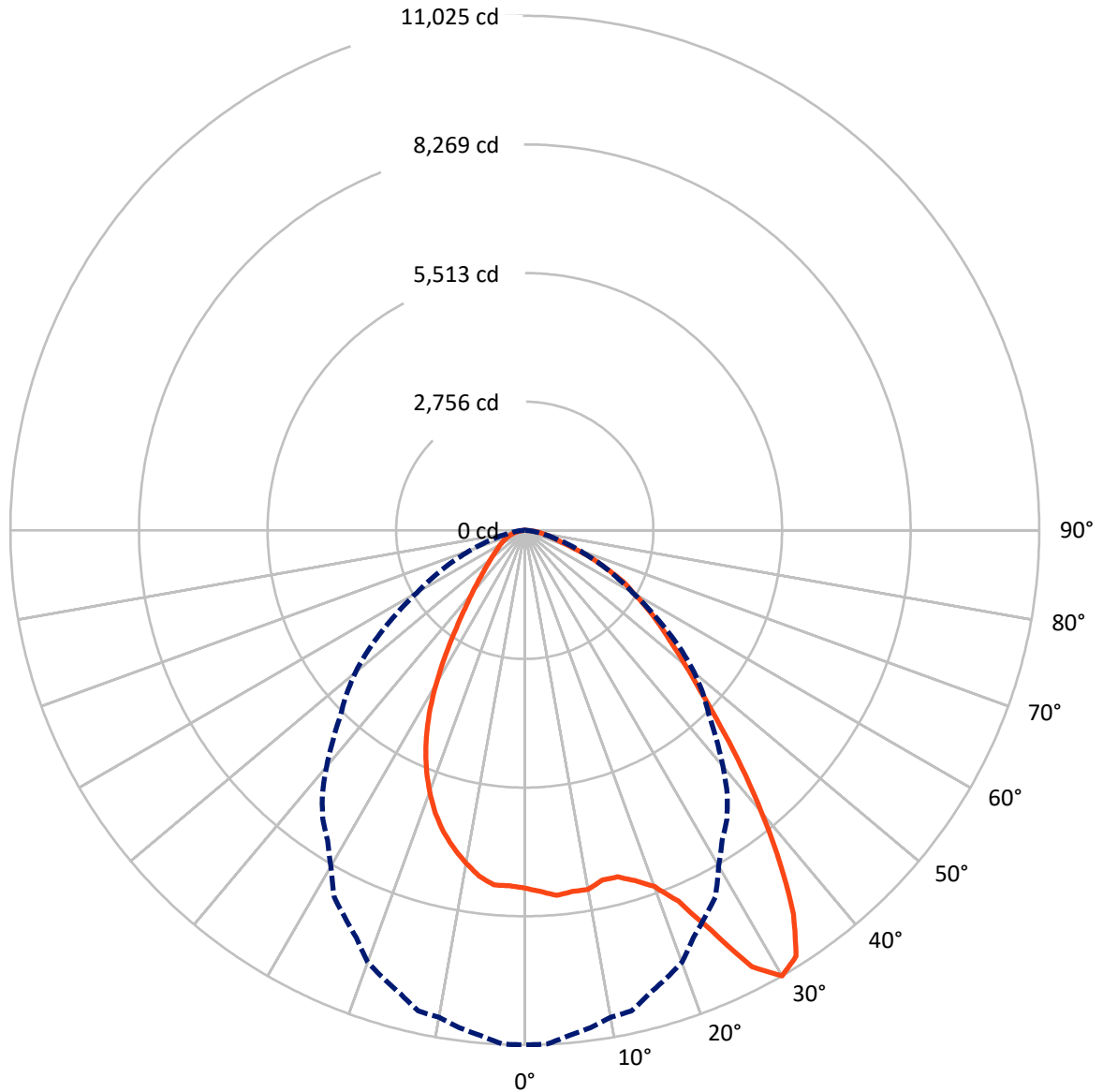
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Lumen Table



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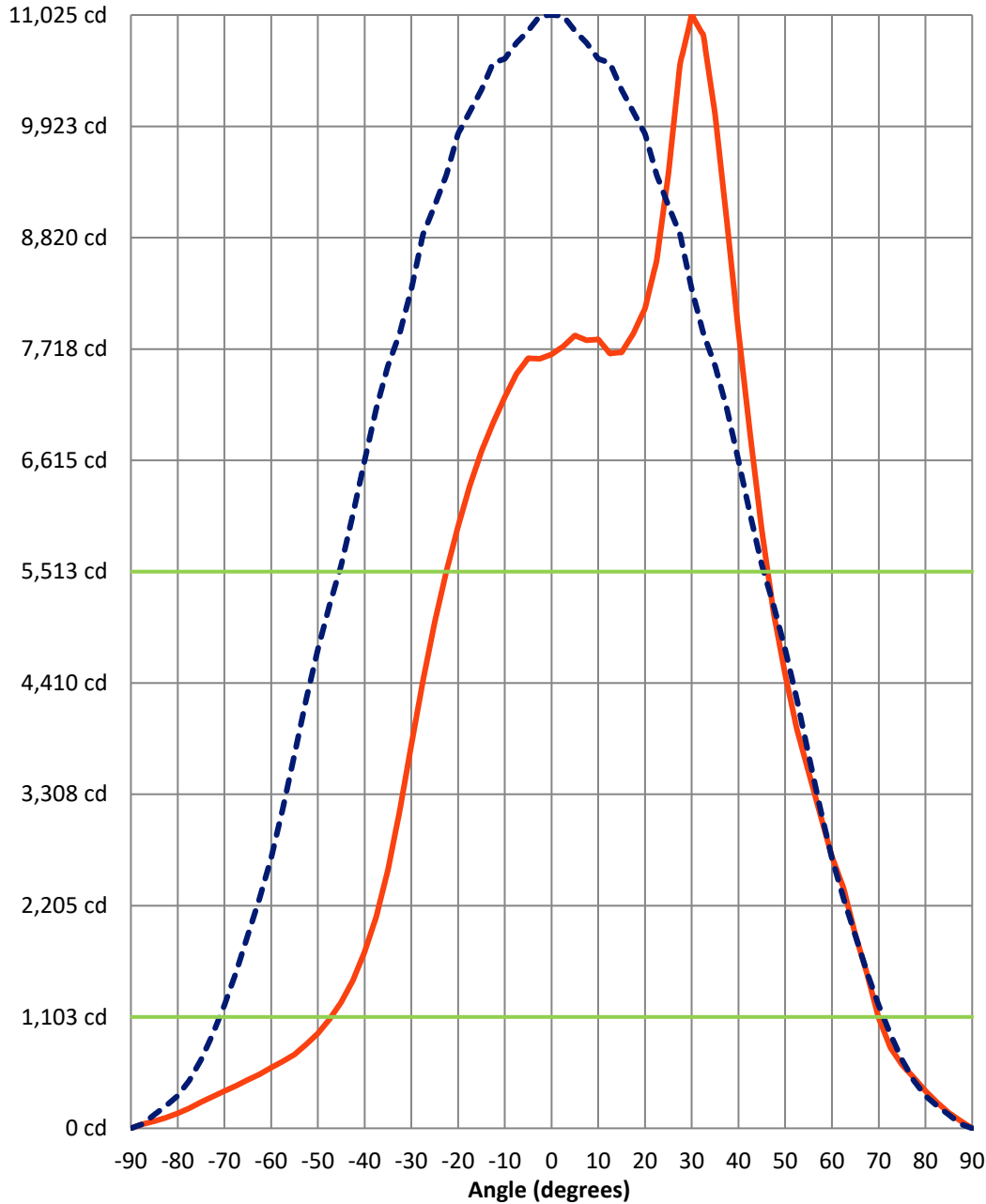
Luminous Intensity Polar Plot



— 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: 10702.3
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 17247.1
 Efficiency: 93.7%

Spill:
 Lumens: 1157.1
 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°	74.1	76.0	78.0	78.0	76.0	76.0	76.0	74.1	76.0	76.0	76.0
85°	154.0	157.9	161.8	159.9	157.9	154.0	150.1	152.1	154.0	156.0	156.0
82.5°	255.4	261.3	265.2	263.2	259.3	255.4	251.5	253.5	257.4	259.3	259.3
80°	370.4	372.4	374.3	378.2	372.4	372.4	370.4	378.2	382.1	386.0	389.9
77.5°	503.0	505.0	505.0	506.9	508.9	510.8	510.8	524.5	534.2	540.1	545.9
75°	627.8	633.6	639.5	645.3	653.1	657.0	662.9	682.4	698.0	709.7	721.4
72.5°	799.4	807.2	816.9	830.6	844.2	854.0	867.6	891.0	908.5	920.2	933.9
70°	1093.8	1101.6	1111.3	1121.1	1134.7	1144.5	1158.1	1187.4	1204.9	1212.7	1220.5
67.5°	1530.5	1550.0	1567.5	1548.0	1538.3	1524.6	1528.5	1555.8	1573.4	1585.1	1583.1
65°	1918.5	1932.1	1932.1	1930.2	1922.4	1904.8	1914.6	1947.7	1967.2	1977.0	1947.7
62.5°	2374.7	2374.7	2365.0	2380.6	2382.5	2370.8	2365.0	2366.9	2368.9	2374.7	2326.0
60°	2690.6	2710.1	2715.9	2729.5	2733.4	2733.4	2743.2	2751.0	2751.0	2739.3	2682.8
57.5°	3107.8	3144.8	3152.6	3142.9	3123.4	3098.0	3094.1	3082.4	3059.0	3035.6	3008.4
55°	3528.9	3548.4	3546.5	3540.6	3521.1	3491.9	3495.8	3480.2	3443.1	3413.9	3376.8
52.5°	3952.0	3998.8	4006.6	3994.9	3967.6	3936.4	3938.3	3920.8	3883.8	3852.6	3801.9
50°	4492.1	4531.0	4527.1	4507.7	4468.7	4445.3	4447.2	4414.1	4371.2	4361.4	4295.1
47.5°	5110.1	5154.9	5147.1	5119.9	5067.2	5057.5	5067.2	5024.3	4999.0	4977.5	4899.5
45°	5921.2	5973.8	5944.6	5891.9	5808.1	5817.8	5831.5	5823.7	5769.1	5712.6	5613.1
42.5°	6872.6	6905.8	6870.7	6818.0	6712.7	6732.2	6724.4	6677.6	6644.5	6550.9	6424.2
40°	7890.3	7962.5	7907.9	7826.0	7716.8	7746.1	7724.6	7664.2	7586.2	7469.2	7309.3
37.5°	8988.0	9044.6	8982.2	8886.6	8789.1	8779.4	8736.5	8642.9	8531.8	8403.1	8147.7
35°	10038.9	10185.1	10070.1	9918.0	9799.1	9754.2	9713.3	9496.9	9370.1	9161.5	8812.5
32.5°	10820.7	10927.9	10785.6	10627.7	10483.4	10421.0	10276.7	10019.4	9951.2	9512.5	9192.7
30°	11025.4	11017.6	10869.4	10748.6	10592.6	10549.7	10284.5	10066.2	9847.8	9442.3	9138.1
27.5°	10538.0	10489.3	10346.9	10241.7	10087.6	10036.9	9775.7	9658.7	9321.4	8978.3	8720.9
25°	9452.0	9477.4	9370.1	9317.5	9216.1	9106.9	9003.6	8845.7	8635.1	8334.9	8099.0
22.5°	8596.1	8629.3	8584.4	8522.0	8444.1	8383.6	8305.6	8182.8	7980.0	7794.8	7572.5
20°	8120.4	8110.7	8071.7	8024.9	7950.8	7907.9	7822.1	7718.8	7562.8	7402.9	7163.1
17.5°	7870.8	7810.4	7773.4	7755.8	7716.8	7662.2	7560.8	7455.6	7334.7	7153.4	6977.9
15°	7685.6	7695.4	7666.1	7652.5	7621.3	7545.2	7441.9	7356.1	7192.4	7100.7	6940.8
12.5°	7673.9	7664.2	7666.1	7660.3	7621.3	7523.8	7471.2	7362.0	7256.7	7135.8	6952.5
10°	7812.4	7709.0	7716.8	7744.1	7681.7	7603.7	7547.2	7428.3	7328.8	7174.8	6993.5
7.5°	7804.6	7751.9	7767.5	7722.7	7742.2	7646.6	7568.6	7449.7	7324.9	7161.2	6997.4
5°	7851.3	7771.4	7757.8	7761.7	7712.9	7640.8	7535.5	7422.4	7305.4	7122.2	6954.5
2.5°	7744.1	7755.8	7693.4	7670.0	7664.2	7543.3	7445.8	7336.6	7215.8	7053.9	6903.8
0°	7664.2	7685.6	7621.3	7588.1	7586.2	7482.9	7420.5	7295.7	7209.9	7075.4	6894.1
-2.5°	7621.3	7646.6	7654.4	7594.0	7535.5	7455.6	7350.3	7215.8	7075.4	6919.4	6763.4
-5°	7625.2	7574.5	7553.0	7572.5	7521.9	7441.9	7324.9	7206.0	7067.6	6899.9	6704.9
-7.5°	7471.2	7420.5	7416.6	7406.8	7395.1	7319.1	7221.6	7092.9	6952.5	6796.6	6615.3
-10°	7241.1	7204.1	7194.3	7184.6	7153.4	7108.5	7016.9	6899.9	6773.2	6617.2	6424.2
-12.5°	6985.7	6968.1	6931.1	6905.8	6874.6	6821.9	6734.2	6627.0	6500.2	6361.8	6196.1
-15°	6703.0	6669.8	6632.8	6611.4	6566.5	6504.1	6416.4	6317.0	6178.5	6042.0	5886.1
-17.5°	6361.8	6320.9	6279.9	6274.1	6242.9	6147.3	6065.4	5944.6	5823.7	5693.1	5541.0
-20°	5960.2	5903.6	5876.3	5860.7	5817.8	5747.6	5659.9	5548.8	5431.8	5307.0	5131.5



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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°	5515.6	5466.9	5420.1	5390.9	5353.8	5299.2	5215.4	5117.9	5002.9	4862.5	4700.7
-25°	5010.7	4942.4	4913.2	4880.0	4860.5	4809.9	4728.0	4638.3	4519.4	4382.9	4228.8
-27.5°	4433.6	4379.0	4363.4	4316.6	4293.2	4240.5	4172.3	4088.5	3979.3	3850.6	3723.9
-30°	3796.0	3762.9	3737.5	3690.7	3673.2	3616.7	3571.8	3501.6	3402.2	3310.6	3209.2
-32.5°	3140.9	3107.8	3100.0	3078.5	3066.8	3029.8	2979.1	2928.4	2848.5	2780.2	2698.4
-35°	2559.9	2536.5	2538.5	2536.5	2524.8	2497.5	2435.1	2421.5	2363.0	2300.6	2248.0
-37.5°	2095.9	2097.9	2095.9	2094.0	2078.4	2066.7	2021.8	2004.3	1969.2	1908.7	1877.5
-40°	1746.9	1750.8	1748.9	1745.0	1727.4	1721.6	1692.3	1668.9	1655.3	1612.4	1579.2
-42.5°	1464.2	1470.1	1468.1	1466.2	1454.5	1452.5	1436.9	1409.6	1401.8	1376.5	1341.4
-45°	1249.7	1247.8	1243.9	1247.8	1241.9	1236.1	1226.3	1208.8	1199.1	1187.4	1158.1
-47.5°	1080.1	1082.1	1078.2	1078.2	1070.4	1064.5	1060.6	1048.9	1041.1	1031.4	1013.8
-50°	939.7	947.5	945.6	943.6	937.8	933.9	933.9	922.2	910.5	906.6	894.9
-52.5°	830.6	836.4	838.4	842.3	844.2	846.2	840.3	828.6	809.1	807.2	801.3
-55°	731.1	748.7	760.4	768.2	776.0	781.8	770.1	754.5	735.0	727.2	725.3
-57.5°	662.9	680.4	694.1	705.8	715.5	725.3	713.6	698.0	680.4	670.7	668.7
-60°	600.5	616.1	629.7	645.3	659.0	674.6	668.7	657.0	647.3	639.5	631.7
-62.5°	534.2	549.8	565.4	584.9	602.5	618.0	620.0	618.0	616.1	618.0	604.4
-65°	479.6	487.4	497.2	518.6	538.1	555.7	565.4	571.3	581.0	590.8	577.1
-67.5°	421.1	430.9	442.6	458.2	473.8	485.5	499.1	514.7	530.3	545.9	536.2
-70°	368.5	376.3	386.0	393.8	403.6	411.4	423.1	440.6	458.2	473.8	469.9
-72.5°	313.9	321.7	327.5	331.4	337.3	341.2	347.0	362.6	374.3	382.1	382.1
-75°	259.3	267.1	273.0	274.9	278.8	280.8	284.7	290.5	296.4	298.3	300.3
-77.5°	198.9	206.7	212.5	216.4	220.3	224.2	226.2	230.1	232.0	232.0	234.0
-80°	148.2	154.0	157.9	163.8	165.7	169.6	173.5	175.5	177.4	177.4	179.4
-82.5°	105.3	109.2	113.1	117.0	120.9	122.8	126.7	128.7	130.6	132.6	134.5
-85°	70.2	74.1	78.0	81.9	83.8	85.8	87.7	89.7	91.6	93.6	95.5
-87.5°	40.9	42.9	44.8	48.7	50.7	54.6	56.5	54.6	56.5	56.5	56.5
-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°	76.0	76.0	76.0	76.0	74.1	70.2	68.2	64.3	60.4	56.5	52.6
85°	157.9	159.9	159.9	159.9	156.0	154.0	148.2	142.3	134.5	122.8	113.1
82.5°	263.2	265.2	265.2	263.2	259.3	253.5	245.7	235.9	220.3	204.7	191.1
80°	395.8	397.7	397.7	395.8	386.0	376.3	366.5	354.8	335.3	313.9	290.5
77.5°	553.7	557.6	557.6	551.8	538.1	526.4	510.8	491.3	462.1	430.9	399.7
75°	737.0	746.7	748.7	742.8	725.3	703.8	678.5	645.3	600.5	561.5	524.5
72.5°	949.5	959.2	967.0	959.2	933.9	904.7	867.6	828.6	783.8	731.1	668.7
70°	1228.3	1238.0	1243.9	1218.5	1173.7	1125.0	1080.1	1035.3	982.6	918.3	850.1
67.5°	1579.2	1569.5	1557.8	1507.1	1450.6	1392.1	1329.7	1263.4	1195.2	1126.9	1047.0
65°	1916.5	1889.2	1863.9	1803.5	1731.3	1655.3	1583.1	1509.0	1427.2	1341.4	1265.3
62.5°	2271.4	2212.9	2150.5	2076.4	2002.3	1918.5	1846.3	1758.6	1667.0	1561.7	1464.2
60°	2620.4	2550.2	2487.8	2396.2	2298.7	2185.6	2107.6	2021.8	1914.6	1801.5	1686.5
57.5°	2957.7	2881.6	2813.4	2733.4	2628.2	2505.3	2419.5	2308.4	2195.3	2053.0	1936.0
55°	3316.4	3240.4	3185.8	3096.1	2981.1	2868.0	2774.4	2657.4	2499.5	2347.4	2203.1
52.5°	3727.8	3667.3	3608.9	3517.2	3378.8	3263.8	3160.4	3029.8	2864.1	2676.9	2503.4
50°	4187.9	4156.7	4094.3	3987.1	3829.2	3727.8	3591.3	3417.8	3240.4	3043.4	2827.0
47.5°	4798.2	4747.5	4659.7	4542.7	4410.2	4258.1	4074.8	3872.1	3620.6	3402.2	3172.1
45°	5527.3	5433.7	5320.7	5162.7	4999.0	4827.4	4626.6	4369.2	4031.9	3747.3	3505.5
42.5°	6317.0	6190.2	6036.2	5829.5	5617.0	5406.5	5190.0	4839.1	4418.0	4090.4	3817.5
40°	7141.7	6979.8	6786.8	6486.6	6250.7	5979.7	5732.1	5207.6	4759.2	4404.3	4113.8
37.5°	7948.8	7744.1	7420.5	7055.9	6781.0	6558.7	6014.8	5453.2	5051.6	4661.7	4367.3
35°	8566.9	8393.4	7822.1	7443.9	7208.0	6857.0	6176.6	5601.4	5176.4	4852.7	4394.6
32.5°	8933.4	8485.0	7983.9	7601.8	7406.8	6831.7	6188.3	5644.3	5234.9	4872.2	4324.4
30°	8851.5	8309.5	7870.8	7551.1	7128.0	6611.4	6079.1	5578.0	5180.3	4741.6	4246.4
27.5°	8358.3	7939.1	7547.2	7213.8	6798.5	6334.5	5843.2	5402.6	5032.1	4607.1	4139.2
25°	7800.7	7420.5	7130.0	6839.5	6445.6	6003.1	5570.2	5252.4	4880.0	4460.9	3998.8
22.5°	7287.9	7014.9	6786.8	6482.7	6098.6	5712.6	5443.5	5114.0	4731.9	4306.8	3854.5
20°	6960.3	6775.1	6513.9	6178.5	5876.3	5634.6	5336.3	4987.3	4593.4	4148.9	3731.7
17.5°	6802.4	6588.0	6297.5	6079.1	5847.1	5581.9	5248.5	4878.1	4458.9	4076.8	3745.3
15°	6720.5	6494.4	6303.3	6088.8	5827.6	5548.8	5178.3	4794.3	4458.9	4106.0	3755.1
12.5°	6738.1	6543.1	6334.5	6100.5	5819.8	5521.5	5186.1	4829.3	4482.3	4127.5	3757.0
10°	6792.7	6588.0	6365.7	6106.4	5823.7	5529.3	5207.6	4850.8	4494.0	4137.2	3753.1
7.5°	6812.2	6589.9	6352.0	6090.8	5813.9	5525.4	5211.5	4856.6	4496.0	4135.3	3741.4
5°	6751.7	6550.9	6320.9	6057.6	5786.6	5505.9	5195.9	4848.8	4480.4	4115.8	3712.2
2.5°	6669.8	6508.0	6287.7	6034.3	5759.3	5478.6	5170.5	4813.8	4445.3	4080.7	3675.1
0°	6656.2	6455.4	6233.1	6007.0	5714.5	5418.2	5112.1	4747.5	4380.9	4014.4	3610.8
-2.5°	6566.5	6354.0	6131.7	5886.1	5628.7	5330.4	5008.7	4651.9	4289.3	3928.6	3540.6
-5°	6498.3	6262.4	6026.5	5761.3	5502.0	5203.7	4870.3	4523.3	4168.4	3817.5	3443.1
-7.5°	6406.6	6164.9	5917.3	5640.4	5359.7	5055.5	4726.0	4379.0	4030.0	3681.0	3322.2
-10°	6221.4	6008.9	5776.9	5490.3	5193.9	4889.8	4562.2	4221.1	3872.1	3519.2	3158.5
-12.5°	5997.2	5773.0	5519.5	5256.3	4991.2	4708.5	4380.9	4045.6	3694.6	3339.8	2981.1
-15°	5706.7	5486.4	5227.1	4969.7	4714.3	4443.3	4154.8	3852.6	3495.8	3146.8	2788.0
-17.5°	5344.1	5137.4	4905.4	4659.7	4406.3	4133.3	3852.6	3597.2	3263.8	2936.2	2581.4
-20°	4954.1	4761.1	4552.5	4320.5	4067.0	3799.9	3534.8	3267.7	2979.1	2690.6	2361.1



REPORT NUMBER: P722237
 CATALOG NUMBER: IFLD-M-SA4C-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°	4548.6	4353.6	4143.1	3926.6	3692.7	3445.1	3199.4	2944.0	2690.6	2429.3	2150.5
-25°	4080.7	3909.1	3716.1	3505.5	3296.9	3080.5	2846.5	2614.5	2398.1	2171.9	1943.8
-27.5°	3591.3	3433.4	3257.9	3074.6	2895.3	2714.0	2511.2	2296.7	2117.3	1930.2	1741.1
-30°	3076.6	2949.9	2807.5	2647.7	2509.2	2363.0	2193.4	2016.0	1852.2	1709.9	1557.8
-32.5°	2589.2	2481.9	2380.6	2275.3	2138.8	2025.7	1908.7	1778.1	1633.8	1499.3	1390.1
-35°	2170.0	2055.0	2012.1	1934.1	1836.6	1737.2	1651.4	1557.8	1448.6	1329.7	1240.0
-37.5°	1817.1	1748.9	1688.4	1645.5	1581.2	1501.3	1433.0	1364.8	1280.9	1191.3	1101.6
-40°	1542.2	1495.4	1429.1	1407.7	1366.7	1312.1	1241.9	1189.3	1132.8	1064.5	988.5
-42.5°	1321.9	1286.8	1243.9	1206.9	1189.3	1150.3	1095.7	1045.0	1000.2	953.4	894.9
-45°	1140.6	1117.2	1089.9	1056.7	1043.1	1011.9	972.9	916.3	891.0	852.0	809.1
-47.5°	994.3	982.6	963.1	941.7	922.2	898.8	863.7	828.6	793.5	768.2	735.0
-50°	879.3	871.5	859.8	842.3	816.9	801.3	777.9	746.7	713.6	692.1	668.7
-52.5°	787.7	779.9	772.1	758.4	738.9	723.3	703.8	678.5	651.2	629.7	610.2
-55°	717.5	705.8	699.9	688.2	672.6	655.1	637.5	620.0	596.6	577.1	557.6
-57.5°	662.9	647.3	639.5	629.7	614.1	596.6	583.0	565.4	549.8	528.4	510.8
-60°	620.0	602.5	586.9	577.1	563.5	545.9	532.3	518.6	503.0	485.5	464.0
-62.5°	584.9	563.5	542.0	530.3	516.7	501.1	487.4	473.8	458.2	440.6	421.1
-65°	551.8	526.4	499.1	487.4	473.8	458.2	440.6	430.9	417.2	401.6	382.1
-67.5°	510.8	483.5	460.1	446.5	432.8	419.2	403.6	393.8	380.2	360.7	341.2
-70°	450.4	432.8	417.2	405.5	393.8	382.1	366.5	350.9	335.3	317.8	300.3
-72.5°	374.3	368.5	366.5	360.7	347.0	333.4	317.8	302.2	288.6	274.9	261.3
-75°	302.2	306.1	310.0	308.0	294.4	280.8	267.1	253.5	243.7	232.0	220.3
-77.5°	239.8	243.7	247.6	247.6	237.9	230.1	220.3	210.6	202.8	193.0	181.3
-80°	185.2	191.1	196.9	200.8	193.0	187.2	179.4	171.6	163.8	156.0	148.2
-82.5°	140.4	146.2	152.1	156.0	150.1	146.2	140.4	134.5	128.7	120.9	115.0
-85°	101.4	105.3	109.2	111.1	107.2	103.3	99.4	95.5	91.6	85.8	81.9
-87.5°	58.5	60.4	62.4	64.3	60.4	56.5	54.6	50.7	48.7	44.8	42.9
-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°	48.7	44.8	40.9	39.0	35.1	29.2	25.3	21.4	17.5	13.6	11.7
85°	103.3	93.6	81.9	76.0	68.2	60.4	52.6	44.8	37.0	29.2	21.4
82.5°	177.4	165.7	154.0	140.4	122.8	101.4	79.9	66.3	54.6	42.9	33.1
80°	267.1	245.7	226.2	208.6	189.1	161.8	132.6	105.3	74.1	56.5	42.9
77.5°	370.4	345.1	317.8	288.6	257.4	220.3	187.2	152.1	115.0	78.0	54.6
75°	487.4	454.3	417.2	376.3	335.3	286.6	239.8	198.9	156.0	109.2	66.3
72.5°	618.0	577.1	532.3	477.7	413.3	356.8	300.3	245.7	195.0	138.4	89.7
70°	785.7	721.4	655.1	596.6	514.7	425.0	358.7	296.4	232.0	169.6	113.1
67.5°	965.1	887.1	807.2	721.4	618.0	512.8	417.2	347.0	271.0	198.9	134.5
65°	1160.1	1062.6	961.2	865.7	723.3	598.6	491.3	395.8	308.0	226.2	156.0
62.5°	1360.9	1245.8	1128.9	1004.1	840.3	686.3	561.5	450.4	343.1	251.5	175.5
60°	1575.3	1440.8	1298.5	1142.5	951.4	781.8	627.8	506.9	380.2	276.9	196.9
57.5°	1801.5	1655.3	1487.6	1277.0	1066.5	873.5	703.8	557.6	413.3	300.3	212.5
55°	2047.2	1879.5	1696.2	1417.4	1179.6	965.1	779.9	608.3	448.4	319.7	228.1
52.5°	2312.3	2117.3	1885.3	1565.6	1298.5	1058.7	850.1	653.1	481.6	341.2	241.8
50°	2608.7	2363.0	2051.1	1702.1	1401.8	1146.4	920.2	701.9	508.9	364.6	253.5
47.5°	2916.7	2651.6	2199.2	1828.8	1507.1	1232.2	992.4	744.8	536.2	384.1	265.2
45°	3238.4	2852.4	2353.3	1941.9	1598.7	1310.2	1047.0	783.8	569.3	401.6	274.9
42.5°	3556.2	3004.5	2487.8	2055.0	1684.5	1380.4	1091.8	820.8	596.6	419.2	284.7
40°	3706.3	3119.5	2595.0	2132.9	1756.7	1442.8	1130.8	854.0	620.0	430.9	294.4
37.5°	3768.7	3189.7	2665.2	2207.0	1813.2	1475.9	1164.0	883.2	639.5	442.6	302.2
35°	3782.4	3215.0	2700.3	2257.7	1860.0	1507.1	1189.3	904.7	655.1	454.3	310.0
32.5°	3757.0	3207.2	2710.1	2275.3	1889.2	1530.5	1206.9	920.2	666.8	466.0	317.8
30°	3700.5	3166.3	2675.0	2273.3	1910.7	1544.1	1218.5	931.9	678.5	473.8	321.7
27.5°	3608.9	3094.1	2630.1	2275.3	1922.4	1550.0	1224.4	937.8	686.3	479.6	329.5
25°	3495.8	2996.7	2632.1	2271.4	1924.3	1551.9	1224.4	937.8	688.2	481.6	335.3
22.5°	3365.1	2996.7	2632.1	2265.5	1912.6	1548.0	1218.5	933.9	688.2	485.5	341.2
20°	3372.9	2998.6	2626.2	2253.8	1895.1	1536.3	1204.9	924.1	682.4	491.3	345.1
17.5°	3378.8	2994.7	2614.5	2238.2	1871.7	1516.8	1187.4	910.5	682.4	497.2	347.0
15°	3378.8	2983.0	2597.0	2214.8	1842.4	1489.6	1162.0	898.8	684.3	499.1	350.9
12.5°	3372.9	2961.6	2569.7	2183.6	1807.4	1456.4	1146.4	894.9	684.3	501.1	350.9
10°	3361.2	2932.3	2534.6	2144.6	1774.2	1444.7	1138.6	887.1	680.4	501.1	350.9
7.5°	3339.8	2897.2	2505.3	2121.2	1754.7	1431.1	1126.9	875.4	674.6	497.2	354.8
5°	3306.7	2877.7	2481.9	2094.0	1727.4	1421.3	1119.1	865.7	670.7	497.2	350.9
2.5°	3263.8	2854.3	2454.6	2058.9	1696.2	1388.2	1093.8	844.2	657.0	489.4	347.0
0°	3193.6	2807.5	2407.9	2010.1	1653.3	1355.0	1068.4	822.8	643.4	481.6	343.1
-2.5°	3129.2	2745.1	2347.4	1959.4	1612.4	1325.8	1048.9	811.1	637.5	479.6	341.2
-5°	3039.5	2659.4	2267.5	1893.1	1557.8	1296.5	1029.4	797.4	631.7	475.7	341.2
-7.5°	2940.1	2569.7	2183.6	1824.9	1503.2	1245.8	992.4	776.0	618.0	467.9	339.2
-10°	2786.1	2435.1	2078.4	1746.9	1444.7	1201.0	961.2	756.5	606.3	460.1	331.4
-12.5°	2622.3	2287.0	1957.5	1651.4	1378.4	1154.2	926.1	735.0	592.7	452.3	327.5
-15°	2448.8	2134.9	1830.7	1551.9	1306.3	1097.7	889.1	711.6	579.1	442.6	321.7
-17.5°	2267.5	1975.0	1700.1	1450.6	1234.1	1039.2	850.1	690.2	563.5	432.8	315.8
-20°	2076.4	1811.2	1567.5	1347.2	1158.1	980.7	809.1	664.8	545.9	421.1	308.0



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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°	1887.3	1649.4	1431.1	1245.8	1080.1	920.2	768.2	639.5	526.4	407.5	302.2
-25°	1719.6	1497.4	1310.2	1148.4	1004.1	861.8	725.3	614.1	505.0	393.8	294.4
-27.5°	1555.8	1366.7	1191.3	1056.7	930.0	805.2	684.3	586.9	483.5	378.2	286.6
-30°	1403.8	1241.9	1097.7	967.0	859.8	754.5	649.2	559.6	460.1	362.6	276.9
-32.5°	1265.3	1134.7	1013.8	889.1	793.5	703.8	616.1	532.3	436.7	347.0	267.1
-35°	1136.7	1035.3	930.0	824.7	727.2	657.0	581.0	503.0	415.3	329.5	257.4
-37.5°	1021.6	939.7	855.9	766.2	682.4	612.2	547.9	473.8	393.8	313.9	247.6
-40°	922.2	855.9	781.8	709.7	639.5	573.2	514.7	444.5	372.4	302.2	237.9
-42.5°	830.6	779.9	719.4	659.0	596.6	538.1	481.6	413.3	350.9	288.6	228.1
-45°	760.4	709.7	660.9	606.3	553.7	503.0	446.5	386.0	331.4	273.0	218.4
-47.5°	694.1	649.2	604.4	559.6	516.7	469.9	413.3	362.6	310.0	259.3	210.6
-50°	635.6	592.7	553.7	514.7	477.7	432.8	380.2	339.2	292.5	245.7	200.8
-52.5°	581.0	544.0	505.0	473.8	442.6	397.7	354.8	315.8	274.9	230.1	191.1
-55°	532.3	497.2	462.1	432.8	403.6	364.6	329.5	296.4	257.4	218.4	181.3
-57.5°	485.5	456.2	423.1	395.8	366.5	335.3	306.1	274.9	239.8	206.7	171.6
-60°	442.6	415.3	386.0	358.7	333.4	308.0	280.8	255.4	224.2	193.0	161.8
-62.5°	399.7	376.3	350.9	323.6	304.1	280.8	259.3	234.0	208.6	181.3	144.3
-65°	360.7	339.2	315.8	292.5	274.9	257.4	237.9	214.5	193.0	167.7	128.7
-67.5°	321.7	302.2	282.7	263.2	247.6	234.0	214.5	196.9	179.4	152.1	113.1
-70°	284.7	269.1	251.5	235.9	224.2	208.6	195.0	179.4	163.8	132.6	95.5
-72.5°	249.6	234.0	220.3	208.6	198.9	185.2	173.5	161.8	140.4	111.1	79.9
-75°	208.6	198.9	191.1	181.3	171.6	161.8	152.1	138.4	117.0	89.7	62.4
-77.5°	171.6	165.7	159.9	152.1	144.3	136.5	124.8	111.1	93.6	70.2	50.7
-80°	140.4	134.5	130.6	122.8	117.0	109.2	97.5	85.8	68.2	54.6	40.9
-82.5°	107.2	103.3	99.4	95.5	89.7	81.9	70.2	60.4	50.7	40.9	31.2
-85°	76.0	74.1	70.2	66.3	60.4	54.6	46.8	40.9	35.1	27.3	21.4
-87.5°	39.0	37.0	35.1	33.1	31.2	27.3	23.4	19.5	17.5	13.6	9.7
-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°	7.8	5.8	1.9	0.0
85°	15.6	9.7	3.9	0.0
82.5°	23.4	15.6	5.8	0.0
80°	31.2	19.5	9.7	0.0
77.5°	39.0	23.4	11.7	0.0
75°	46.8	29.2	13.6	0.0
72.5°	52.6	33.1	15.6	0.0
70°	62.4	39.0	17.5	0.0
67.5°	78.0	42.9	19.5	0.0
65°	91.6	46.8	21.4	0.0
62.5°	107.2	50.7	23.4	0.0
60°	120.9	54.6	25.3	0.0
57.5°	134.5	64.3	27.3	0.0
55°	146.2	72.1	29.2	0.0
52.5°	159.9	79.9	31.2	0.0
50°	171.6	87.7	33.1	0.0
47.5°	181.3	95.5	33.1	0.0
45°	189.1	101.4	35.1	0.0
42.5°	195.0	107.2	37.0	0.0
40°	200.8	113.1	39.0	0.0
37.5°	206.7	118.9	39.0	0.0
35°	212.5	124.8	40.9	0.0
32.5°	218.4	130.6	40.9	0.0
30°	222.3	134.5	42.9	0.0
27.5°	228.1	138.4	42.9	0.0
25°	230.1	142.3	44.8	0.0
22.5°	234.0	144.3	44.8	0.0
20°	237.9	148.2	44.8	0.0
17.5°	239.8	150.1	46.8	0.0
15°	239.8	152.1	48.7	0.0
12.5°	241.8	154.0	48.7	0.0
10°	241.8	157.9	46.8	0.0
7.5°	245.7	156.0	46.8	0.0
5°	243.7	156.0	46.8	0.0
2.5°	241.8	154.0	46.8	0.0
0°	239.8	154.0	46.8	0.0
-2.5°	239.8	154.0	46.8	0.0
-5°	239.8	154.0	46.8	0.0
-7.5°	237.9	156.0	46.8	0.0
-10°	234.0	156.0	46.8	0.0
-12.5°	232.0	150.1	46.8	0.0
-15°	230.1	148.2	46.8	0.0
-17.5°	226.2	146.2	44.8	0.0
-20°	222.3	144.3	44.8	0.0



REPORT NUMBER: P722237
 CATALOG NUMBER: IFLD-M-SA4C-927-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	218.4	140.4	44.8	0.0
-25°	214.5	136.5	42.9	0.0
-27.5°	210.6	132.6	42.9	0.0
-30°	204.7	128.7	40.9	0.0
-32.5°	198.9	124.8	40.9	0.0
-35°	195.0	118.9	39.0	0.0
-37.5°	189.1	113.1	39.0	0.0
-40°	183.3	107.2	37.0	0.0
-42.5°	177.4	101.4	35.1	0.0
-45°	169.6	95.5	35.1	0.0
-47.5°	163.8	89.7	33.1	0.0
-50°	154.0	81.9	31.2	0.0
-52.5°	142.3	74.1	29.2	0.0
-55°	130.6	68.2	27.3	0.0
-57.5°	118.9	60.4	27.3	0.0
-60°	107.2	52.6	25.3	0.0
-62.5°	95.5	48.7	23.4	0.0
-65°	83.8	44.8	21.4	0.0
-67.5°	70.2	39.0	19.5	0.0
-70°	58.5	35.1	17.5	0.0
-72.5°	50.7	31.2	15.6	0.0
-75°	42.9	27.3	13.6	0.0
-77.5°	37.0	23.4	11.7	0.0
-80°	29.2	17.5	7.8	0.0
-82.5°	21.4	13.6	5.8	0.0
-85°	13.6	9.7	3.9	0.0
-87.5°	7.8	3.9	1.9	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)