

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: P722295

Luminaire Tested: **IFLD-M-SA4C-935-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722295
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4C-935-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (64) 3500K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

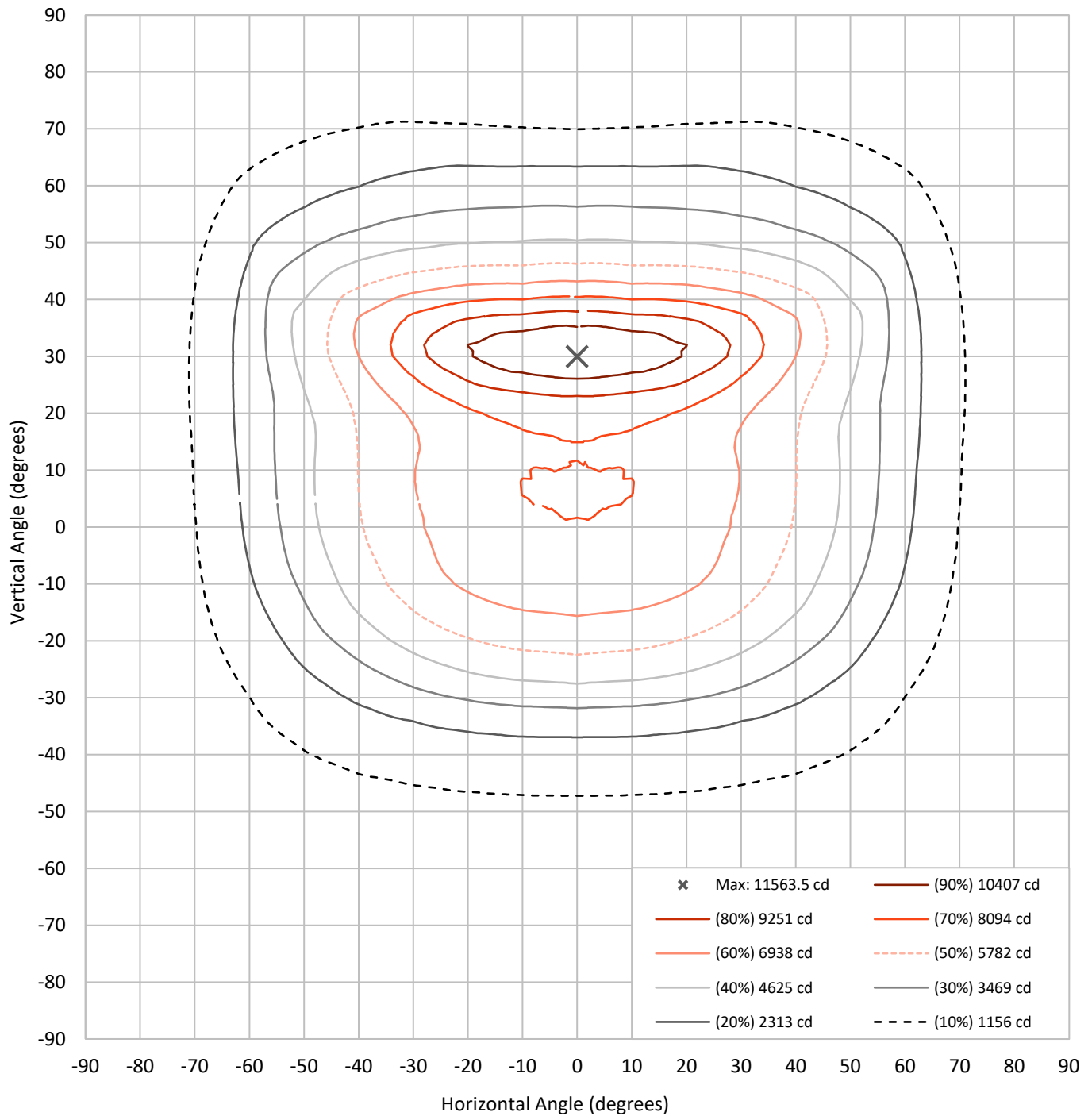
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	19302.5 lumens	Max Intensity:	11563.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	88.5 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	11224.6 lumens	Field Lumens:	18088.9 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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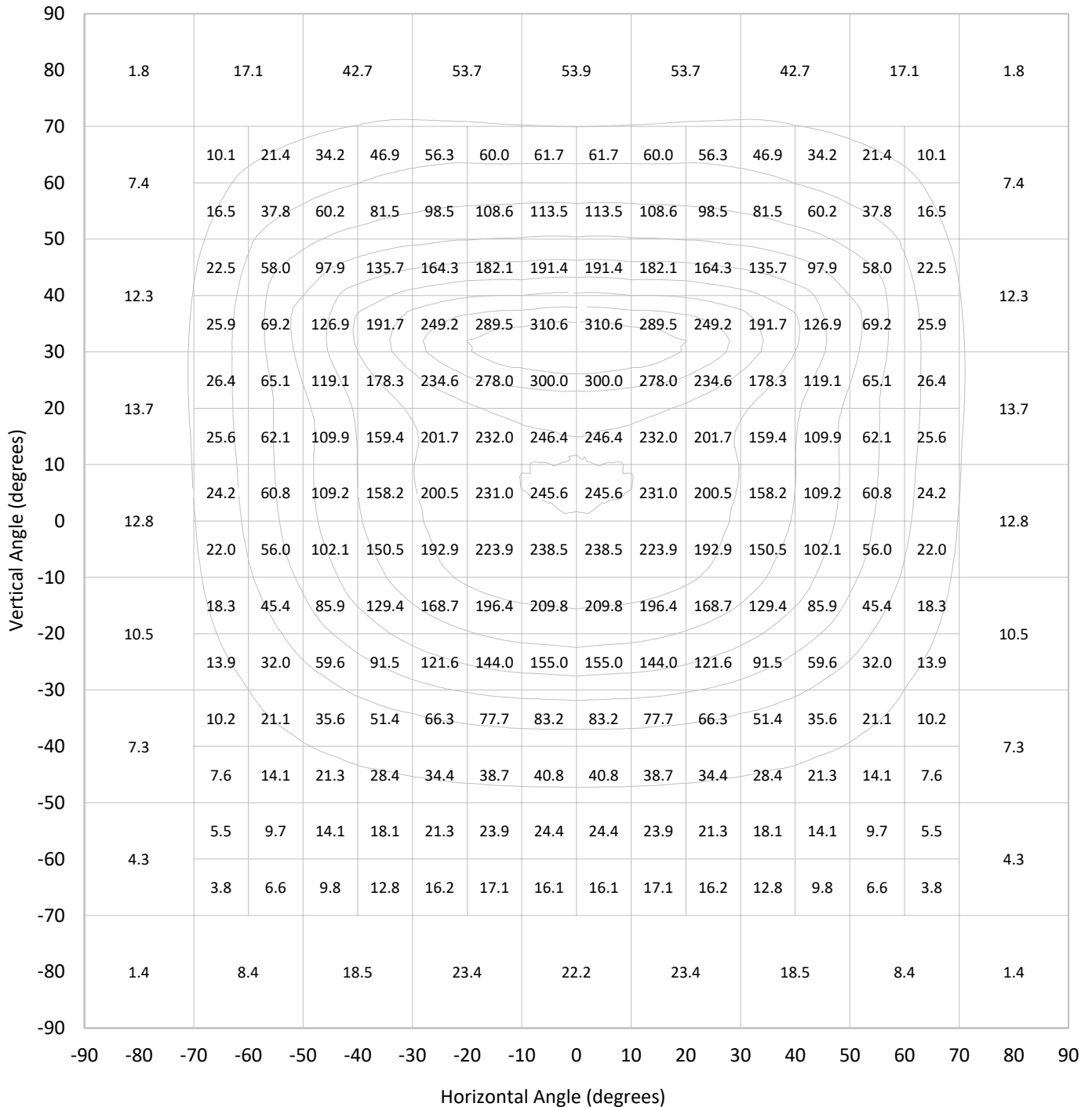
Iso-Candela Plot





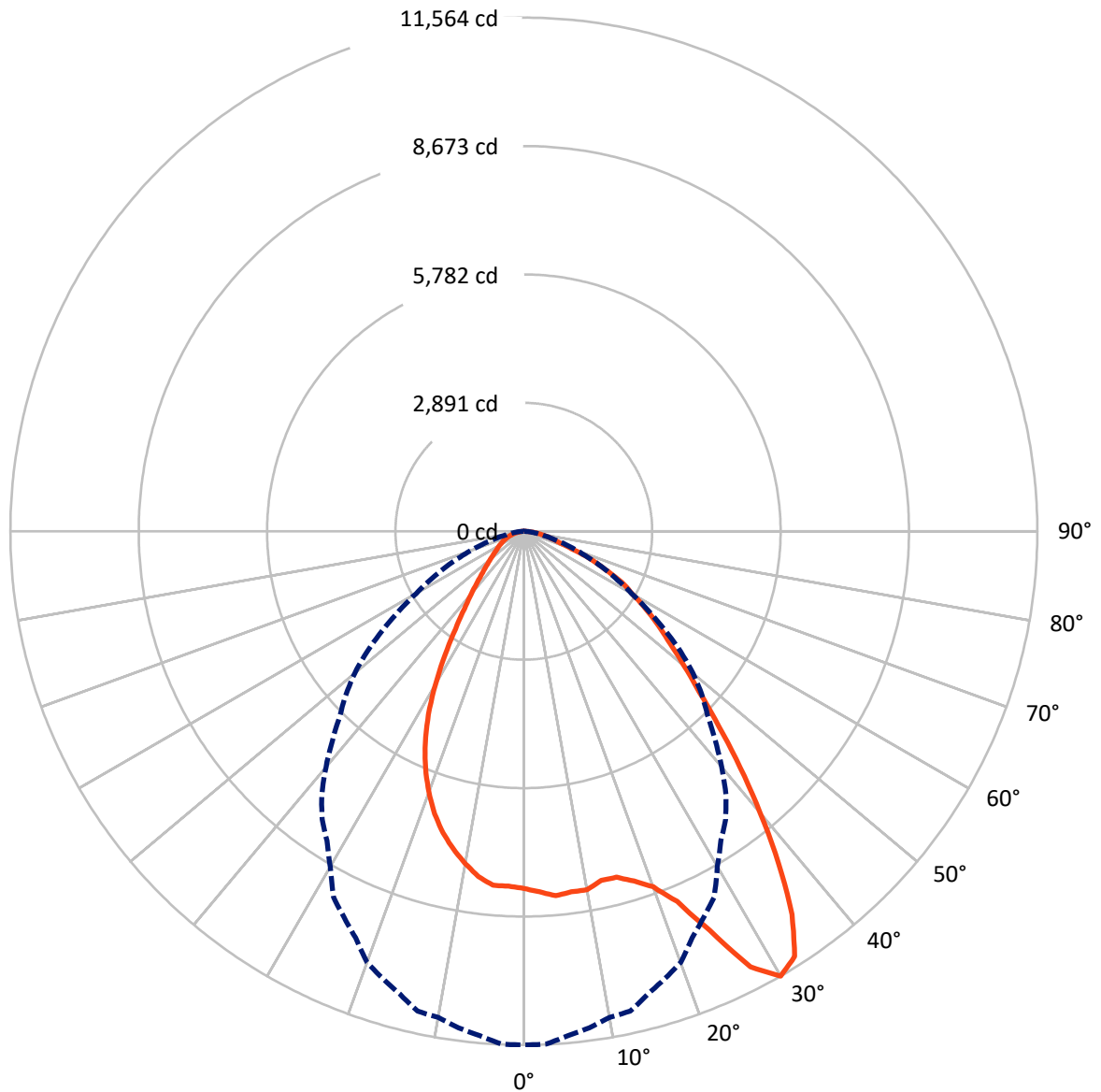
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Lumen Table



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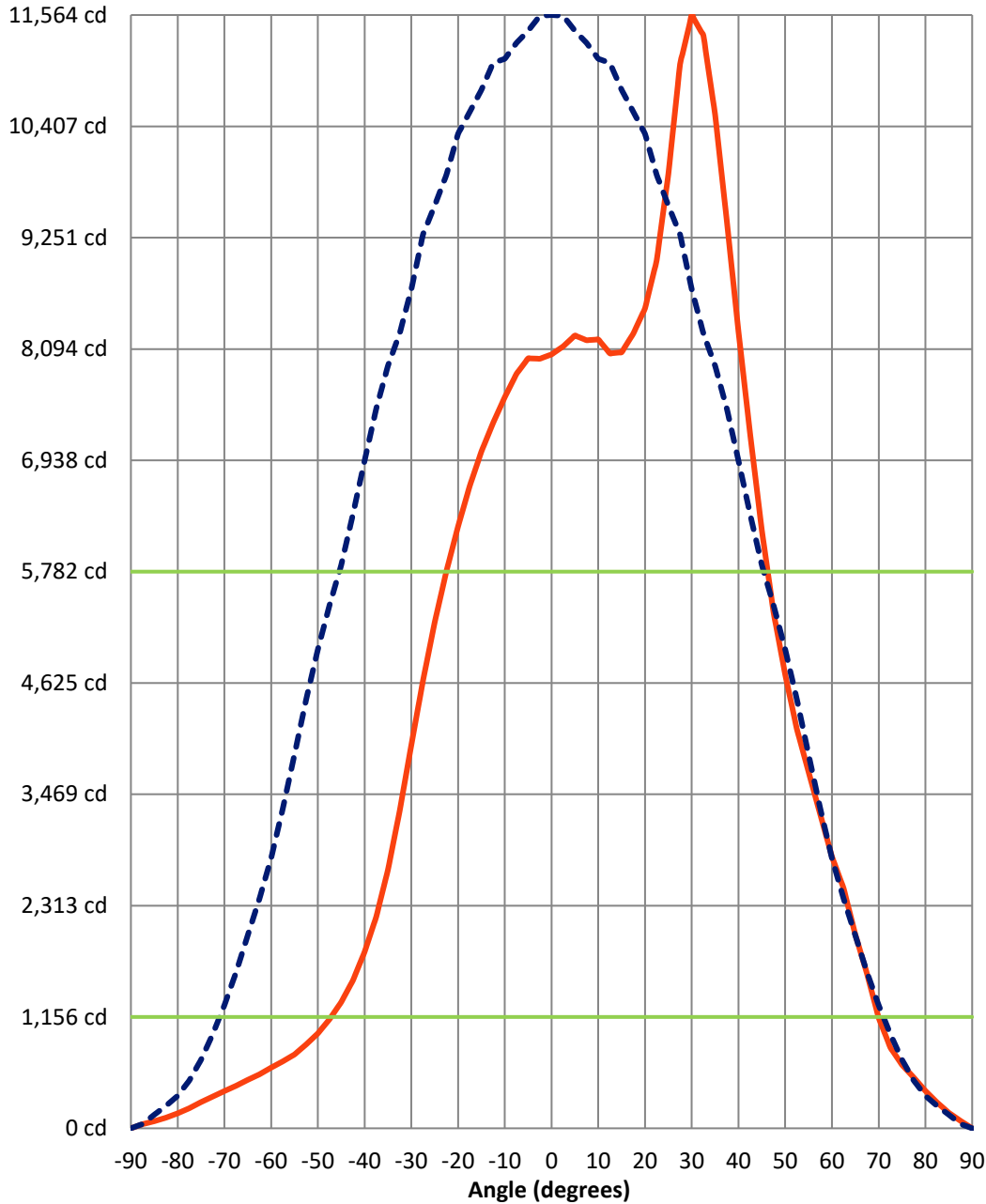
Luminous Intensity Polar Plot



— 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: 11224.6
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 18088.9
 Efficiency: 93.7%

Spill:
 Lumens: 1213.6
 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°	77.7	79.7	81.8	81.8	79.7	79.7	79.7	77.7	79.7	79.7	79.7
85°	161.5	165.6	169.7	167.7	165.6	161.5	157.5	159.5	161.5	163.6	163.6
82.5°	267.9	274.0	278.1	276.1	272.0	267.9	263.8	265.8	269.9	272.0	272.0
80°	388.5	390.6	392.6	396.7	390.6	390.6	388.5	396.7	400.8	404.9	409.0
77.5°	527.6	529.6	529.6	531.7	533.7	535.7	535.7	550.1	560.3	566.4	572.6
75°	658.4	664.6	670.7	676.8	685.0	689.1	695.2	715.7	732.1	744.3	756.6
72.5°	838.4	846.6	856.8	871.1	885.4	895.6	910.0	934.5	952.9	965.2	979.5
70°	1147.2	1155.3	1165.6	1175.8	1190.1	1200.3	1214.6	1245.3	1263.7	1271.9	1280.1
67.5°	1605.2	1625.6	1644.0	1623.6	1613.4	1599.1	1603.2	1631.8	1650.2	1662.5	1660.4
65°	2012.1	2026.4	2026.4	2024.4	2016.2	1997.8	2008.0	2042.8	2063.2	2073.5	2042.8
62.5°	2490.6	2490.6	2480.4	2496.7	2498.8	2486.5	2480.4	2482.4	2484.5	2490.6	2439.5
60°	2821.9	2842.3	2848.5	2862.8	2866.9	2866.9	2877.1	2885.3	2885.3	2873.0	2813.7
57.5°	3259.5	3298.3	3306.5	3296.3	3275.8	3249.2	3245.2	3232.9	3208.3	3183.8	3155.2
55°	3701.2	3721.6	3719.6	3713.4	3693.0	3662.3	3666.4	3650.0	3611.2	3580.5	3541.7
52.5°	4144.9	4194.0	4202.1	4189.9	4161.2	4128.5	4130.6	4112.2	4073.3	4040.6	3987.4
50°	4711.3	4752.2	4748.1	4727.7	4686.8	4662.2	4664.3	4629.5	4584.5	4574.3	4504.8
47.5°	5359.5	5406.5	5398.4	5369.7	5314.5	5304.3	5314.5	5269.5	5243.0	5220.5	5138.7
45°	6210.2	6265.4	6234.7	6179.5	6091.6	6101.8	6116.1	6107.9	6050.7	5991.4	5887.1
42.5°	7208.0	7242.8	7206.0	7150.8	7040.4	7060.8	7052.6	7003.6	6968.8	6870.6	6737.7
40°	8275.5	8351.1	8293.9	8208.0	8093.5	8124.1	8101.6	8038.2	7956.5	7833.8	7666.1
37.5°	9426.7	9486.0	9420.6	9320.4	9218.1	9207.9	9162.9	9064.8	8948.2	8813.2	8545.4
35°	10528.9	10682.2	10561.6	10402.1	10277.3	10230.3	10187.4	9960.4	9827.5	9608.7	9242.7
32.5°	11348.8	11461.3	11312.0	11146.4	10995.1	10929.6	10778.3	10508.4	10436.8	9976.8	9641.4
30°	11563.5	11555.4	11400.0	11273.2	11109.6	11064.6	10786.5	10557.5	10328.5	9903.1	9584.1
27.5°	11052.3	11001.2	10851.9	10741.5	10580.0	10526.8	10252.8	10130.1	9776.4	9416.5	9146.6
25°	9913.4	9939.9	9827.5	9772.3	9665.9	9551.4	9443.1	9277.4	9056.6	8741.7	8494.2
22.5°	9015.7	9050.4	9003.4	8938.0	8856.2	8792.8	8711.0	8582.2	8369.5	8175.3	7942.1
20°	8516.7	8506.5	8465.6	8416.5	8338.8	8293.9	8203.9	8095.5	7931.9	7764.2	7512.7
17.5°	8255.0	8191.6	8152.8	8134.4	8093.5	8036.2	7929.9	7819.5	7692.7	7502.5	7318.5
15°	8060.7	8071.0	8040.3	8026.0	7993.3	7913.5	7805.1	7715.2	7543.4	7447.3	7279.6
12.5°	8048.5	8038.2	8040.3	8034.2	7993.3	7891.0	7835.8	7721.3	7610.9	7484.1	7291.9
10°	8193.7	8085.3	8093.5	8122.1	8056.7	7974.9	7915.6	7790.8	7686.5	7525.0	7334.8
7.5°	8185.5	8130.3	8146.6	8099.6	8120.0	8019.8	7938.1	7813.3	7682.4	7510.7	7338.9
5°	8234.6	8150.7	8136.4	8140.5	8089.4	8013.7	7903.3	7784.7	7662.0	7469.8	7293.9
2.5°	8122.1	8134.4	8068.9	8044.4	8038.2	7911.5	7809.2	7694.7	7567.9	7398.2	7240.8
0°	8038.2	8060.7	7993.3	7958.5	7956.5	7848.1	7782.6	7651.8	7561.8	7420.7	7230.5
-2.5°	7993.3	8019.8	8028.0	7964.6	7903.3	7819.5	7709.0	7567.9	7420.7	7257.1	7093.5
-5°	7997.4	7944.2	7921.7	7942.1	7889.0	7805.1	7682.4	7557.7	7412.5	7236.7	7032.2
-7.5°	7835.8	7782.6	7778.6	7768.3	7756.1	7676.3	7574.1	7439.1	7291.9	7128.3	6938.1
-10°	7594.5	7555.7	7545.4	7535.2	7502.5	7455.5	7359.4	7236.7	7103.8	6940.2	6737.7
-12.5°	7326.6	7308.2	7269.4	7242.8	7210.1	7154.9	7062.9	6950.4	6817.5	6672.3	6498.5
-15°	7030.1	6995.4	6956.5	6934.0	6887.0	6821.6	6729.6	6625.3	6480.1	6336.9	6173.4
-17.5°	6672.3	6629.4	6586.4	6580.3	6547.6	6447.4	6361.5	6234.7	6107.9	5970.9	5811.4
-20°	6251.1	6191.8	6163.1	6146.8	6101.8	6028.2	5936.2	5819.6	5696.9	5566.0	5382.0



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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°	5784.8	5733.7	5684.6	5654.0	5615.1	5557.9	5469.9	5367.7	5247.0	5099.8	4930.1
-25°	5255.2	5183.7	5153.0	5118.2	5097.8	5044.6	4958.7	4864.7	4739.9	4596.8	4435.2
-27.5°	4650.0	4592.7	4576.3	4527.3	4502.7	4447.5	4375.9	4288.0	4173.5	4038.6	3905.6
-30°	3981.3	3946.5	3920.0	3870.9	3852.5	3793.2	3746.1	3672.5	3568.2	3472.1	3365.8
-32.5°	3294.2	3259.5	3251.3	3228.8	3216.5	3177.7	3124.5	3071.3	2987.5	2915.9	2830.1
-35°	2684.9	2660.3	2662.4	2660.3	2648.1	2619.4	2554.0	2539.7	2478.3	2412.9	2357.7
-37.5°	2198.2	2200.2	2198.2	2196.2	2179.8	2167.5	2120.5	2102.1	2065.3	2001.9	1969.2
-40°	1832.2	1836.3	1834.2	1830.1	1811.7	1805.6	1774.9	1750.4	1736.1	1691.1	1656.3
-42.5°	1535.7	1541.8	1539.8	1537.7	1525.4	1523.4	1507.0	1478.4	1470.2	1443.7	1406.8
-45°	1310.7	1308.7	1304.6	1308.7	1302.6	1296.4	1286.2	1267.8	1257.6	1245.3	1214.6
-47.5°	1132.8	1134.9	1130.8	1130.8	1122.6	1116.5	1112.4	1100.1	1091.9	1081.7	1063.3
-50°	985.6	993.8	991.7	989.7	983.6	979.5	979.5	967.2	954.9	950.8	938.6
-52.5°	871.1	877.2	879.3	883.4	885.4	887.5	881.3	869.1	848.6	846.6	840.4
-55°	766.8	785.2	797.5	805.7	813.8	820.0	807.7	791.4	770.9	762.7	760.7
-57.5°	695.2	713.6	728.0	740.2	750.5	760.7	748.4	732.1	713.6	703.4	701.4
-60°	629.8	646.2	660.5	676.8	691.2	707.5	701.4	689.1	678.9	670.7	662.5
-62.5°	560.3	576.6	593.0	613.5	631.9	648.2	650.3	648.2	646.2	648.2	633.9
-65°	503.0	511.2	521.4	543.9	564.4	582.8	593.0	599.1	609.4	619.6	605.3
-67.5°	441.7	451.9	464.2	480.5	496.9	509.2	523.5	539.8	556.2	572.6	562.3
-70°	386.5	394.7	404.9	413.1	423.3	431.5	443.7	462.1	480.5	496.9	492.8
-72.5°	329.2	337.4	343.5	347.6	353.8	357.8	364.0	380.3	392.6	400.8	400.8
-75°	272.0	280.1	286.3	288.3	292.4	294.5	298.5	304.7	310.8	312.9	314.9
-77.5°	208.6	216.8	222.9	227.0	231.1	235.2	237.2	241.3	243.3	243.3	245.4
-80°	155.4	161.5	165.6	171.8	173.8	177.9	182.0	184.0	186.1	186.1	188.1
-82.5°	110.4	114.5	118.6	122.7	126.8	128.8	132.9	135.0	137.0	139.0	141.1
-85°	73.6	77.7	81.8	85.9	87.9	90.0	92.0	94.1	96.1	98.2	100.2
-87.5°	42.9	45.0	47.0	51.1	53.2	57.3	59.3	57.3	59.3	59.3	59.3
-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°	79.7	79.7	79.7	79.7	77.7	73.6	71.6	67.5	63.4	59.3	55.2
85°	165.6	167.7	167.7	167.7	163.6	161.5	155.4	149.3	141.1	128.8	118.6
82.5°	276.1	278.1	278.1	276.1	272.0	265.8	257.6	247.4	231.1	214.7	200.4
80°	415.1	417.1	417.1	415.1	404.9	394.7	384.4	372.2	351.7	329.2	304.7
77.5°	580.7	584.8	584.8	578.7	564.4	552.1	535.7	515.3	484.6	451.9	419.2
75°	772.9	783.2	785.2	779.1	760.7	738.2	711.6	676.8	629.8	588.9	550.1
72.5°	995.8	1006.1	1014.2	1006.1	979.5	948.8	910.0	869.1	822.0	766.8	701.4
70°	1288.2	1298.5	1304.6	1278.0	1231.0	1179.9	1132.8	1085.8	1030.6	963.1	891.5
67.5°	1656.3	1646.1	1633.8	1580.7	1521.4	1460.0	1394.6	1325.1	1253.5	1181.9	1098.1
65°	2010.1	1981.4	1954.9	1891.5	1815.8	1736.1	1660.4	1582.7	1496.8	1406.8	1327.1
62.5°	2382.2	2320.9	2255.5	2177.8	2100.0	2012.1	1936.5	1844.4	1748.3	1637.9	1535.7
60°	2748.3	2674.6	2609.2	2513.1	2410.9	2292.3	2210.5	2120.5	2008.0	1889.4	1768.8
57.5°	3102.0	3022.3	2950.7	2866.9	2756.4	2627.6	2537.6	2421.1	2302.5	2153.2	2030.5
55°	3478.3	3398.5	3341.3	3247.2	3126.6	3008.0	2909.8	2787.1	2621.5	2462.0	2310.7
52.5°	3909.7	3846.3	3785.0	3688.9	3543.7	3423.1	3314.7	3177.7	3003.9	2807.6	2625.6
50°	4392.3	4359.6	4294.2	4181.7	4016.1	3909.7	3766.6	3584.6	3398.5	3192.0	2965.0
47.5°	5032.3	4979.2	4887.2	4764.5	4625.4	4465.9	4273.7	4061.0	3797.3	3568.2	3326.9
45°	5797.1	5699.0	5580.4	5414.7	5243.0	5063.0	4852.4	4582.5	4228.7	3930.2	3676.6
42.5°	6625.3	6492.4	6330.8	6114.1	5891.2	5670.3	5443.4	5075.3	4633.6	4290.1	4003.8
40°	7490.2	7320.5	7118.1	6803.2	6555.7	6271.5	6011.8	5461.8	4991.4	4619.3	4314.6
37.5°	8336.8	8122.1	7782.6	7400.3	7111.9	6878.8	6308.3	5719.4	5298.2	4889.2	4580.4
35°	8985.0	8803.0	8203.9	7807.2	7559.8	7191.7	6478.0	5874.8	5429.0	5089.6	4609.1
32.5°	9369.4	8899.1	8373.6	7972.8	7768.3	7165.1	6490.3	5919.8	5490.4	5110.0	4535.4
30°	9283.6	8715.1	8255.0	7919.6	7475.9	6934.0	6375.8	5850.3	5433.1	4973.0	4453.7
27.5°	8766.2	8326.6	7915.6	7565.9	7130.3	6643.7	6128.4	5666.2	5277.7	4831.9	4341.2
25°	8181.4	7782.6	7478.0	7173.3	6760.2	6296.0	5842.1	5508.8	5118.2	4678.6	4194.0
22.5°	7643.6	7357.3	7118.1	6799.1	6396.2	5991.4	5709.2	5363.6	4962.8	4517.0	4042.6
20°	7300.1	7105.8	6831.8	6480.1	6163.1	5909.6	5596.7	5230.7	4817.6	4351.4	3913.8
17.5°	7134.4	6909.5	6604.8	6375.8	6132.5	5854.4	5504.7	5116.2	4676.5	4275.8	3928.1
15°	7048.5	6811.3	6611.0	6386.0	6112.0	5819.6	5431.1	5028.3	4676.5	4306.4	3938.4
12.5°	7067.0	6862.5	6643.7	6398.3	6103.8	5791.0	5439.3	5065.1	4701.1	4328.9	3940.4
10°	7124.2	6909.5	6676.4	6404.4	6107.9	5799.2	5461.8	5087.6	4713.3	4339.1	3936.3
7.5°	7144.7	6911.5	6662.1	6388.1	6097.7	5795.1	5465.8	5093.7	4715.4	4337.1	3924.0
5°	7081.3	6870.6	6629.4	6353.3	6069.1	5774.6	5449.5	5085.5	4699.0	4316.6	3893.4
2.5°	6995.4	6825.7	6594.6	6328.8	6040.4	5746.0	5422.9	5048.7	4662.2	4279.8	3854.5
0°	6981.1	6770.5	6537.3	6300.1	5993.4	5682.6	5361.6	4979.2	4594.7	4210.3	3787.0
-2.5°	6887.0	6664.1	6431.0	6173.4	5903.4	5590.6	5253.2	4879.0	4498.6	4120.3	3713.4
-5°	6815.4	6568.0	6320.6	6042.5	5770.5	5457.7	5108.0	4744.0	4371.9	4003.8	3611.2
-7.5°	6719.3	6465.8	6206.1	5915.7	5621.3	5302.3	4956.7	4592.7	4226.7	3860.6	3484.4
-10°	6525.1	6302.2	6058.8	5758.3	5447.4	5128.4	4784.9	4427.1	4061.0	3690.9	3312.6
-12.5°	6289.9	6054.8	5788.9	5512.9	5234.8	4938.3	4594.7	4243.0	3875.0	3502.8	3126.6
-15°	5985.2	5754.2	5482.2	5212.3	4944.4	4660.2	4357.5	4040.6	3666.4	3300.4	2924.1
-17.5°	5604.9	5388.1	5144.8	4887.2	4621.3	4335.1	4040.6	3772.7	3423.1	3079.5	2707.4
-20°	5195.9	4993.5	4774.7	4531.4	4265.5	3985.4	3707.3	3427.1	3124.5	2821.9	2476.3



REPORT NUMBER: P722295
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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	4770.6	4566.1	4345.3	4118.3	3872.9	3613.2	3355.6	3087.7	2821.9	2547.9	2255.5
-25°	4279.8	4099.9	3897.5	3676.6	3457.8	3230.8	2985.5	2742.1	2515.1	2277.9	2038.7
-27.5°	3766.6	3601.0	3416.9	3224.7	3036.6	2846.4	2633.7	2408.8	2220.7	2024.4	1826.0
-30°	3226.8	3093.8	2944.6	2776.9	2631.7	2478.3	2300.4	2114.4	1942.6	1793.3	1633.8
-32.5°	2715.5	2603.1	2496.7	2386.3	2243.2	2124.6	2001.9	1864.9	1713.6	1572.5	1458.0
-35°	2275.9	2155.3	2110.3	2028.5	1926.2	1821.9	1732.0	1633.8	1519.3	1394.6	1300.5
-37.5°	1905.8	1834.2	1770.8	1725.8	1658.4	1574.5	1503.0	1431.4	1343.5	1249.4	1155.3
-40°	1617.5	1568.4	1498.9	1476.4	1433.4	1376.2	1302.6	1247.3	1188.0	1116.5	1036.7
-42.5°	1386.4	1349.6	1304.6	1265.8	1247.3	1206.5	1149.2	1096.0	1049.0	999.9	938.6
-45°	1196.2	1171.7	1143.1	1108.3	1094.0	1061.3	1020.4	961.1	934.5	893.6	848.6
-47.5°	1042.9	1030.6	1010.1	987.7	967.2	942.7	905.9	869.1	832.2	805.7	770.9
-50°	922.2	914.0	901.8	883.4	856.8	840.4	815.9	783.2	748.4	725.9	701.4
-52.5°	826.1	817.9	809.8	795.4	775.0	758.6	738.2	711.6	683.0	660.5	640.0
-55°	752.5	740.2	734.1	721.8	705.5	687.1	668.7	650.3	625.7	605.3	584.8
-57.5°	695.2	678.9	670.7	660.5	644.1	625.7	611.4	593.0	576.6	554.2	535.7
-60°	650.3	631.9	615.5	605.3	591.0	572.6	558.2	543.9	527.6	509.2	486.7
-62.5°	613.5	591.0	568.5	556.2	541.9	525.5	511.2	496.9	480.5	462.1	441.7
-65°	578.7	552.1	523.5	511.2	496.9	480.5	462.1	451.9	437.6	421.2	400.8
-67.5°	535.7	507.1	482.6	468.3	454.0	439.6	423.3	413.1	398.7	378.3	357.8
-70°	472.4	454.0	437.6	425.3	413.1	400.8	384.4	368.1	351.7	333.3	314.9
-72.5°	392.6	386.5	384.4	378.3	364.0	349.7	333.3	316.9	302.6	288.3	274.0
-75°	316.9	321.0	325.1	323.1	308.8	294.5	280.1	265.8	255.6	243.3	231.1
-77.5°	251.5	255.6	259.7	259.7	249.5	241.3	231.1	220.8	212.7	202.4	190.2
-80°	194.3	200.4	206.5	210.6	202.4	196.3	188.1	179.9	171.8	163.6	155.4
-82.5°	147.2	153.4	159.5	163.6	157.5	153.4	147.2	141.1	135.0	126.8	120.6
-85°	106.3	110.4	114.5	116.6	112.5	108.4	104.3	100.2	96.1	90.0	85.9
-87.5°	61.3	63.4	65.4	67.5	63.4	59.3	57.3	53.2	51.1	47.0	45.0
-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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 CATALOG NUMBER: IFLD-M-SA4C-935-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°	51.1	47.0	42.9	40.9	36.8	30.7	26.6	22.5	18.4	14.3	12.3
85°	108.4	98.2	85.9	79.7	71.6	63.4	55.2	47.0	38.9	30.7	22.5
82.5°	186.1	173.8	161.5	147.2	128.8	106.3	83.8	69.5	57.3	45.0	34.8
80°	280.1	257.6	237.2	218.8	198.3	169.7	139.0	110.4	77.7	59.3	45.0
77.5°	388.5	361.9	333.3	302.6	269.9	231.1	196.3	159.5	120.6	81.8	57.3
75°	511.2	476.4	437.6	394.7	351.7	300.6	251.5	208.6	163.6	114.5	69.5
72.5°	648.2	605.3	558.2	501.0	433.5	374.2	314.9	257.6	204.5	145.2	94.1
70°	824.1	756.6	687.1	625.7	539.8	445.8	376.2	310.8	243.3	177.9	118.6
67.5°	1012.2	930.4	846.6	756.6	648.2	537.8	437.6	364.0	284.2	208.6	141.1
65°	1216.7	1114.4	1008.1	907.9	758.6	627.8	515.3	415.1	323.1	237.2	163.6
62.5°	1427.3	1306.7	1184.0	1053.1	881.3	719.8	588.9	472.4	359.9	263.8	184.0
60°	1652.2	1511.1	1361.9	1198.3	997.9	820.0	658.4	531.7	398.7	290.4	206.5
57.5°	1889.4	1736.1	1560.2	1339.4	1118.5	916.1	738.2	584.8	433.5	314.9	222.9
55°	2147.1	1971.2	1779.0	1486.6	1237.1	1012.2	817.9	638.0	470.3	335.4	239.2
52.5°	2425.2	2220.7	1977.4	1642.0	1361.9	1110.3	891.5	685.0	505.1	357.8	253.6
50°	2736.0	2478.3	2151.2	1785.1	1470.2	1202.4	965.2	736.1	533.7	382.4	265.8
47.5°	3059.1	2781.0	2306.6	1918.1	1580.7	1292.3	1040.8	781.1	562.3	402.8	278.1
45°	3396.5	2991.6	2468.1	2036.7	1676.8	1374.1	1098.1	822.0	597.1	421.2	288.3
42.5°	3729.8	3151.1	2609.2	2155.3	1766.7	1447.7	1145.1	860.9	625.7	439.6	298.5
40°	3887.2	3271.7	2721.7	2237.1	1842.4	1513.2	1186.0	895.6	650.3	451.9	308.8
37.5°	3952.7	3345.4	2795.3	2314.8	1901.7	1547.9	1220.8	926.3	670.7	464.2	316.9
35°	3967.0	3371.9	2832.1	2367.9	1950.8	1580.7	1247.3	948.8	687.1	476.4	325.1
32.5°	3940.4	3363.8	2842.3	2386.3	1981.4	1605.2	1265.8	965.2	699.3	488.7	333.3
30°	3881.1	3320.8	2805.5	2384.3	2003.9	1619.5	1278.0	977.4	711.6	496.9	337.4
27.5°	3785.0	3245.2	2758.5	2386.3	2016.2	1625.6	1284.2	983.6	719.8	503.0	345.6
25°	3666.4	3142.9	2760.5	2382.2	2018.3	1627.7	1284.2	983.6	721.8	505.1	351.7
22.5°	3529.4	3142.9	2760.5	2376.1	2006.0	1623.6	1278.0	979.5	721.8	509.2	357.8
20°	3537.6	3145.0	2754.4	2363.8	1987.6	1611.3	1263.7	969.3	715.7	515.3	361.9
17.5°	3543.7	3140.9	2742.1	2347.5	1963.0	1590.9	1245.3	954.9	715.7	521.4	364.0
15°	3543.7	3128.6	2723.7	2322.9	1932.4	1562.3	1218.7	942.7	717.7	523.5	368.1
12.5°	3537.6	3106.1	2695.1	2290.2	1895.6	1527.5	1202.4	938.6	717.7	525.5	368.1
10°	3525.3	3075.4	2658.3	2249.3	1860.8	1515.2	1194.2	930.4	713.6	525.5	368.1
7.5°	3502.8	3038.6	2627.6	2224.8	1840.4	1500.9	1181.9	918.1	707.5	521.4	372.2
5°	3468.0	3018.2	2603.1	2196.2	1811.7	1490.7	1173.7	907.9	703.4	521.4	368.1
2.5°	3423.1	2993.6	2574.4	2159.3	1779.0	1455.9	1147.2	885.4	689.1	513.3	364.0
0°	3349.4	2944.6	2525.4	2108.2	1734.0	1421.2	1120.6	862.9	674.8	505.1	359.9
-2.5°	3282.0	2879.1	2462.0	2055.1	1691.1	1390.5	1100.1	850.7	668.7	503.0	357.8
-5°	3187.9	2789.2	2378.1	1985.5	1633.8	1359.8	1079.7	836.3	662.5	498.9	357.8
-7.5°	3083.6	2695.1	2290.2	1914.0	1576.6	1306.7	1040.8	813.8	648.2	490.8	355.8
-10°	2922.1	2554.0	2179.8	1832.2	1515.2	1259.6	1008.1	793.4	635.9	482.6	347.6
-12.5°	2750.3	2398.6	2053.0	1732.0	1445.7	1210.5	971.3	770.9	621.6	474.4	343.5
-15°	2568.3	2239.1	1920.1	1627.7	1370.0	1151.2	932.4	746.4	607.3	464.2	337.4
-17.5°	2378.1	2071.4	1783.1	1521.4	1294.4	1089.9	891.5	723.9	591.0	454.0	331.3
-20°	2177.8	1899.7	1644.0	1413.0	1214.6	1028.6	848.6	697.3	572.6	441.7	323.1



REPORT NUMBER: P722295
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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°	1979.4	1729.9	1500.9	1306.7	1132.8	965.2	805.7	670.7	552.1	427.4	316.9
-25°	1803.5	1570.4	1374.1	1204.4	1053.1	903.8	760.7	644.1	529.6	413.1	308.8
-27.5°	1631.8	1433.4	1249.4	1108.3	975.4	844.5	717.7	615.5	507.1	396.7	300.6
-30°	1472.3	1302.6	1151.2	1014.2	901.8	791.4	680.9	586.9	482.6	380.3	290.4
-32.5°	1327.1	1190.1	1063.3	932.4	832.2	738.2	646.2	558.2	458.0	364.0	280.1
-35°	1192.1	1085.8	975.4	865.0	762.7	689.1	609.4	527.6	435.6	345.6	269.9
-37.5°	1071.5	985.6	897.7	803.6	715.7	642.1	574.6	496.9	413.1	329.2	259.7
-40°	967.2	897.7	820.0	744.3	670.7	601.2	539.8	466.2	390.6	316.9	249.5
-42.5°	871.1	817.9	754.5	691.2	625.7	564.4	505.1	433.5	368.1	302.6	239.2
-45°	797.5	744.3	693.2	635.9	580.7	527.6	468.3	404.9	347.6	286.3	229.0
-47.5°	728.0	680.9	633.9	586.9	541.9	492.8	433.5	380.3	325.1	272.0	220.8
-50°	666.6	621.6	580.7	539.8	501.0	454.0	398.7	355.8	306.7	257.6	210.6
-52.5°	609.4	570.5	529.6	496.9	464.2	417.1	372.2	331.3	288.3	241.3	200.4
-55°	558.2	521.4	484.6	454.0	423.3	382.4	345.6	310.8	269.9	229.0	190.2
-57.5°	509.2	478.5	443.7	415.1	384.4	351.7	321.0	288.3	251.5	216.8	179.9
-60°	464.2	435.6	404.9	376.2	349.7	323.1	294.5	267.9	235.2	202.4	169.7
-62.5°	419.2	394.7	368.1	339.4	319.0	294.5	272.0	245.4	218.8	190.2	151.3
-65°	378.3	355.8	331.3	306.7	288.3	269.9	249.5	224.9	202.4	175.9	135.0
-67.5°	337.4	316.9	296.5	276.1	259.7	245.4	224.9	206.5	188.1	159.5	118.6
-70°	298.5	282.2	263.8	247.4	235.2	218.8	204.5	188.1	171.8	139.0	100.2
-72.5°	261.7	245.4	231.1	218.8	208.6	194.3	182.0	169.7	147.2	116.6	83.8
-75°	218.8	208.6	200.4	190.2	179.9	169.7	159.5	145.2	122.7	94.1	65.4
-77.5°	179.9	173.8	167.7	159.5	151.3	143.1	130.9	116.6	98.2	73.6	53.2
-80°	147.2	141.1	137.0	128.8	122.7	114.5	102.2	90.0	71.6	57.3	42.9
-82.5°	112.5	108.4	104.3	100.2	94.1	85.9	73.6	63.4	53.2	42.9	32.7
-85°	79.7	77.7	73.6	69.5	63.4	57.3	49.1	42.9	36.8	28.6	22.5
-87.5°	40.9	38.9	36.8	34.8	32.7	28.6	24.5	20.4	18.4	14.3	10.2
-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):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	8.2	6.1	2.0	0.0
85°	16.4	10.2	4.1	0.0
82.5°	24.5	16.4	6.1	0.0
80°	32.7	20.4	10.2	0.0
77.5°	40.9	24.5	12.3	0.0
75°	49.1	30.7	14.3	0.0
72.5°	55.2	34.8	16.4	0.0
70°	65.4	40.9	18.4	0.0
67.5°	81.8	45.0	20.4	0.0
65°	96.1	49.1	22.5	0.0
62.5°	112.5	53.2	24.5	0.0
60°	126.8	57.3	26.6	0.0
57.5°	141.1	67.5	28.6	0.0
55°	153.4	75.7	30.7	0.0
52.5°	167.7	83.8	32.7	0.0
50°	179.9	92.0	34.8	0.0
47.5°	190.2	100.2	34.8	0.0
45°	198.3	106.3	36.8	0.0
42.5°	204.5	112.5	38.9	0.0
40°	210.6	118.6	40.9	0.0
37.5°	216.8	124.7	40.9	0.0
35°	222.9	130.9	42.9	0.0
32.5°	229.0	137.0	42.9	0.0
30°	233.1	141.1	45.0	0.0
27.5°	239.2	145.2	45.0	0.0
25°	241.3	149.3	47.0	0.0
22.5°	245.4	151.3	47.0	0.0
20°	249.5	155.4	47.0	0.0
17.5°	251.5	157.5	49.1	0.0
15°	251.5	159.5	51.1	0.0
12.5°	253.6	161.5	51.1	0.0
10°	253.6	165.6	49.1	0.0
7.5°	257.6	163.6	49.1	0.0
5°	255.6	163.6	49.1	0.0
2.5°	253.6	161.5	49.1	0.0
0°	251.5	161.5	49.1	0.0
-2.5°	251.5	161.5	49.1	0.0
-5°	251.5	161.5	49.1	0.0
-7.5°	249.5	163.6	49.1	0.0
-10°	245.4	163.6	49.1	0.0
-12.5°	243.3	157.5	49.1	0.0
-15°	241.3	155.4	49.1	0.0
-17.5°	237.2	153.4	47.0	0.0
-20°	233.1	151.3	47.0	0.0



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 CATALOG NUMBER: IFLD-M-SA4C-935-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	229.0	147.2	47.0	0.0
-25°	224.9	143.1	45.0	0.0
-27.5°	220.8	139.0	45.0	0.0
-30°	214.7	135.0	42.9	0.0
-32.5°	208.6	130.9	42.9	0.0
-35°	204.5	124.7	40.9	0.0
-37.5°	198.3	118.6	40.9	0.0
-40°	192.2	112.5	38.9	0.0
-42.5°	186.1	106.3	36.8	0.0
-45°	177.9	100.2	36.8	0.0
-47.5°	171.8	94.1	34.8	0.0
-50°	161.5	85.9	32.7	0.0
-52.5°	149.3	77.7	30.7	0.0
-55°	137.0	71.6	28.6	0.0
-57.5°	124.7	63.4	28.6	0.0
-60°	112.5	55.2	26.6	0.0
-62.5°	100.2	51.1	24.5	0.0
-65°	87.9	47.0	22.5	0.0
-67.5°	73.6	40.9	20.4	0.0
-70°	61.3	36.8	18.4	0.0
-72.5°	53.2	32.7	16.4	0.0
-75°	45.0	28.6	14.3	0.0
-77.5°	38.9	24.5	12.3	0.0
-80°	30.7	18.4	8.2	0.0
-82.5°	22.5	14.3	6.1	0.0
-85°	14.3	10.2	4.1	0.0
-87.5°	8.2	4.1	2.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)