

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: P722264

Luminaire Tested: **IFLD-M-SA4A-930-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722264  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-M-SA4A-930-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (64) 3000K CCT, 90 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

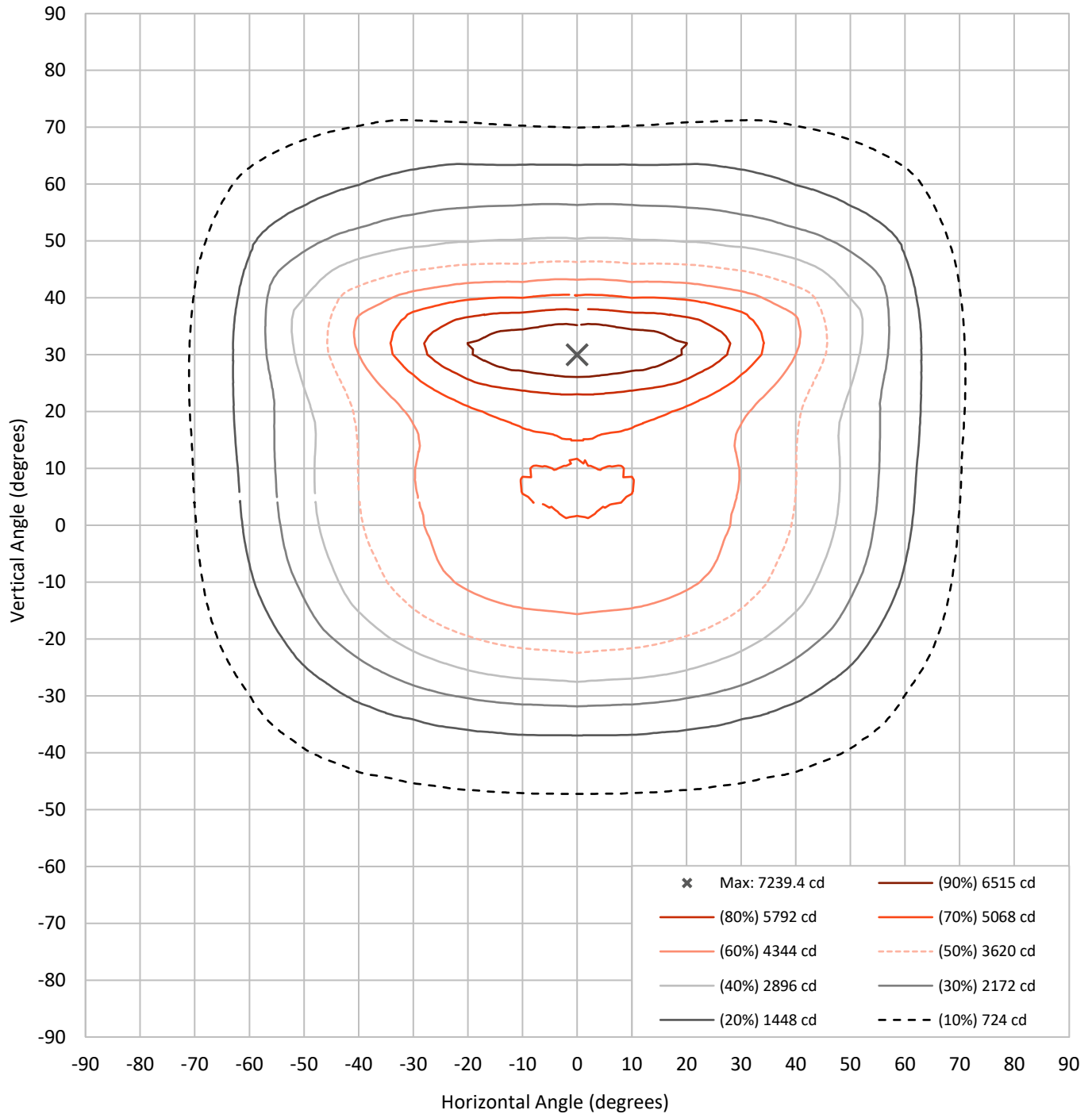
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	12084.5 lumens	Max Intensity:	7239.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	94.0 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:	7027.3 lumens	Field Lumens:	11324.7 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%
Input Watts (W):	128.6		
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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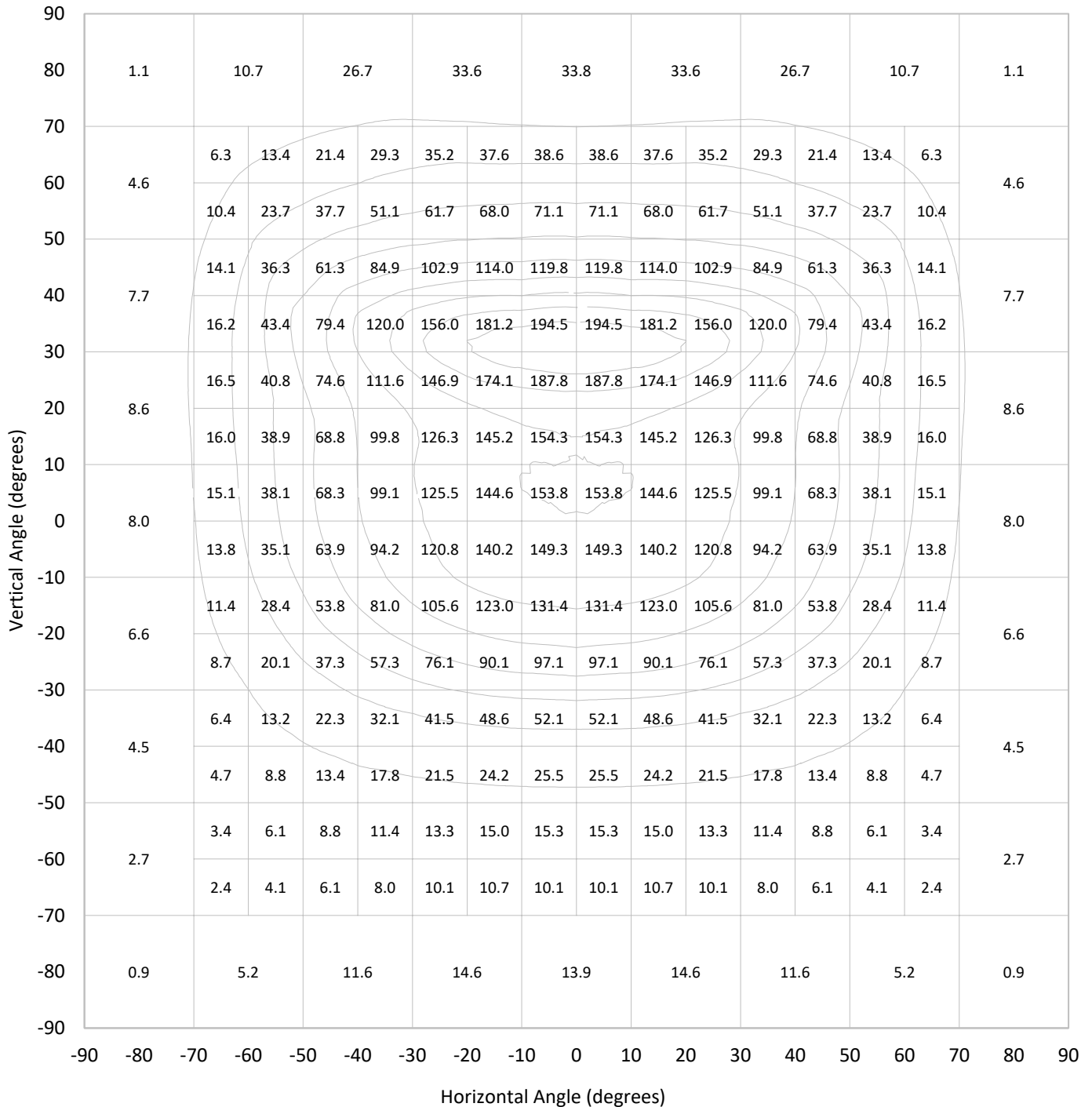
### Iso-Candela Plot





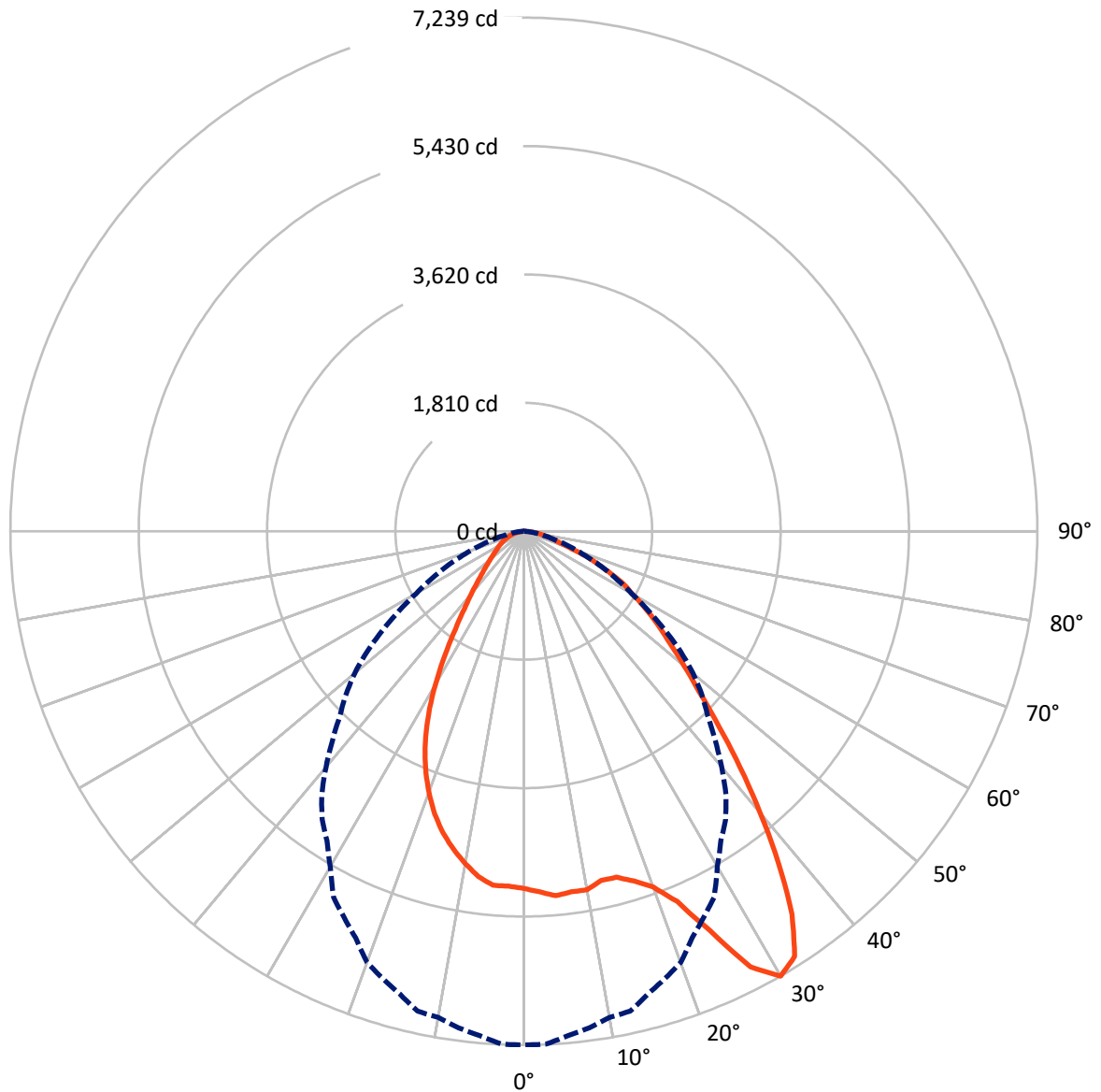
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### Lumen Table



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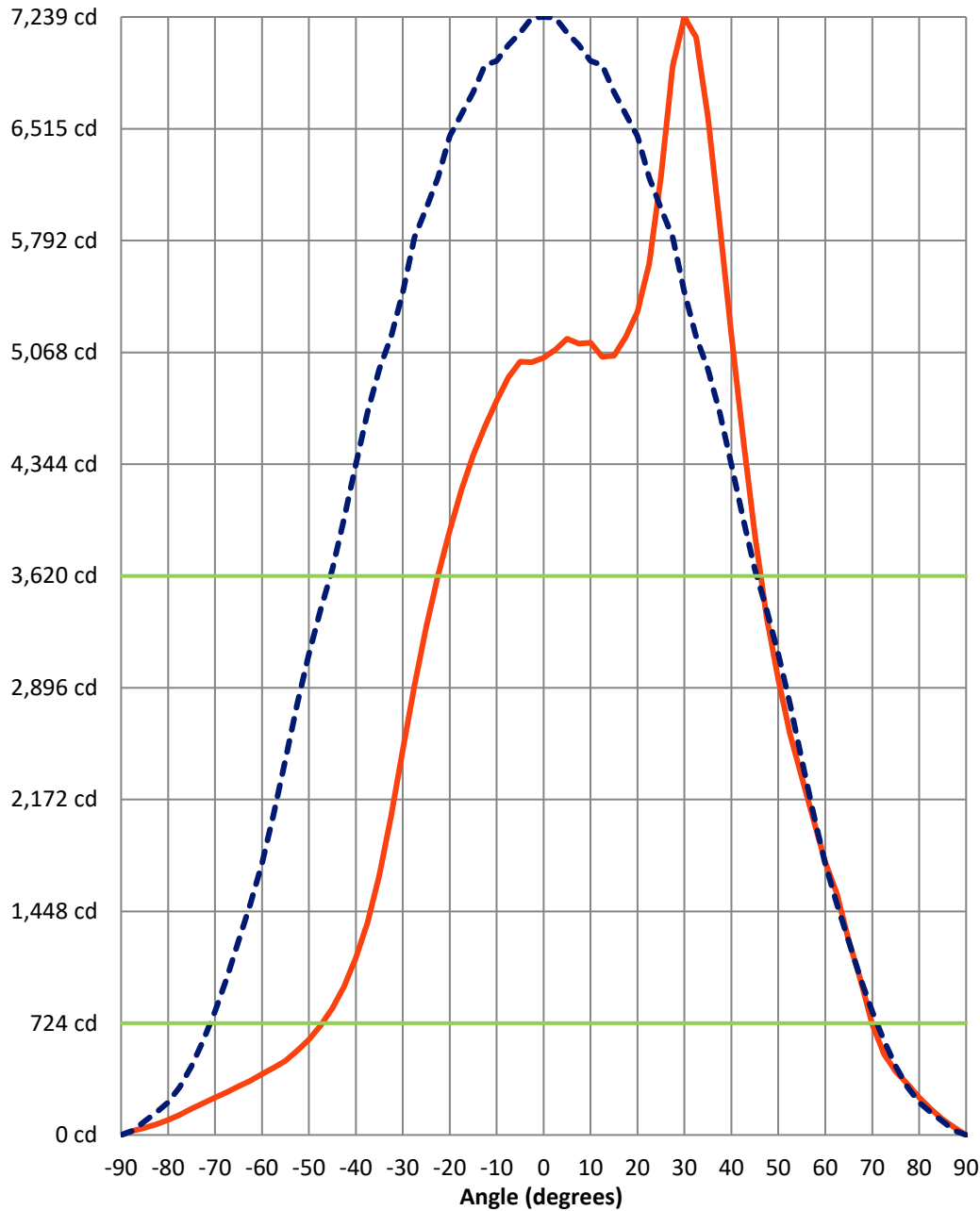
### Luminous Intensity Polar Plot



— 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: 7027.3  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 11324.7  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 759.8  
 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°	48.6	49.9	51.2	51.2	49.9	49.9	49.9	48.6	49.9	49.9	49.9
85°	101.1	103.7	106.3	105.0	103.7	101.1	98.6	99.9	101.1	102.4	102.4
82.5°	167.7	171.5	174.1	172.8	170.3	167.7	165.1	166.4	169.0	170.3	170.3
80°	243.2	244.5	245.8	248.4	244.5	244.5	243.2	248.4	250.9	253.5	256.0
77.5°	330.3	331.6	331.6	332.8	334.1	335.4	335.4	344.4	350.8	354.6	358.5
75°	412.2	416.1	419.9	423.7	428.9	431.4	435.3	448.1	458.3	466.0	473.7
72.5°	524.9	530.0	536.4	545.4	554.3	560.7	569.7	585.0	596.6	604.2	613.2
70°	718.2	723.3	729.7	736.1	745.1	751.5	760.4	779.6	791.2	796.3	801.4
67.5°	1004.9	1017.7	1029.3	1016.5	1010.1	1001.1	1003.7	1021.6	1033.1	1040.8	1039.5
65°	1259.7	1268.7	1268.7	1267.4	1262.3	1250.7	1257.1	1278.9	1291.7	1298.1	1278.9
62.5°	1559.3	1559.3	1552.9	1563.1	1564.4	1556.7	1552.9	1554.1	1555.4	1559.3	1527.3
60°	1766.7	1779.5	1783.3	1792.3	1794.8	1794.8	1801.2	1806.3	1806.3	1798.7	1761.5
57.5°	2040.6	2064.9	2070.1	2063.7	2050.9	2034.2	2031.7	2024.0	2008.6	1993.2	1975.3
55°	2317.1	2329.9	2328.7	2324.8	2312.0	2292.8	2295.4	2285.1	2260.8	2241.6	2217.3
52.5°	2594.9	2625.7	2630.8	2623.1	2605.2	2584.7	2586.0	2574.5	2550.1	2529.6	2496.4
50°	2949.5	2975.1	2972.6	2959.8	2934.2	2918.8	2920.1	2898.3	2870.2	2863.8	2820.2
47.5°	3355.4	3384.8	3379.7	3361.8	3327.2	3320.8	3327.2	3299.0	3282.4	3268.3	3217.1
45°	3887.9	3922.5	3903.3	3868.7	3813.7	3820.1	3829.0	3823.9	3788.1	3750.9	3685.7
42.5°	4512.7	4534.4	4511.4	4476.8	4407.7	4420.5	4415.4	4384.6	4362.9	4301.4	4218.2
40°	5180.9	5228.3	5192.4	5138.7	5067.0	5086.2	5072.1	5032.4	4981.2	4904.4	4799.4
37.5°	5901.7	5938.8	5897.8	5835.1	5771.1	5764.7	5736.5	5675.1	5602.1	5517.6	5349.9
35°	6591.7	6687.7	6612.2	6512.3	6434.2	6404.8	6377.9	6235.8	6152.6	6015.6	5786.4
32.5°	7105.0	7175.4	7082.0	6978.3	6883.6	6842.6	6747.9	6578.9	6534.1	6246.0	6036.1
30°	7239.4	7234.3	7137.0	7057.7	6955.2	6927.1	6753.0	6609.6	6466.2	6199.9	6000.2
27.5°	6919.4	6887.4	6793.9	6724.8	6623.7	6590.4	6418.8	6342.0	6120.6	5895.3	5726.3
25°	6206.3	6223.0	6152.6	6118.0	6051.4	5979.7	5911.9	5808.2	5669.9	5472.8	5317.9
22.5°	5644.3	5666.1	5636.7	5595.7	5544.5	5504.8	5453.6	5372.9	5239.8	5118.2	4972.2
20°	5332.0	5325.6	5300.0	5269.2	5220.6	5192.4	5136.1	5068.3	4965.8	4860.9	4703.4
17.5°	5168.1	5128.4	5104.1	5092.6	5067.0	5031.1	4964.6	4895.4	4816.1	4697.0	4581.8
15°	5046.5	5052.9	5033.7	5024.7	5004.2	4954.3	4886.5	4830.1	4722.6	4662.4	4557.5
12.5°	5038.8	5032.4	5033.7	5029.8	5004.2	4940.2	4905.7	4834.0	4764.8	4685.5	4565.1
10°	5129.7	5061.9	5067.0	5084.9	5043.9	4992.7	4955.6	4877.5	4812.2	4711.1	4592.0
7.5°	5124.6	5090.0	5100.3	5070.8	5083.6	5020.9	4969.7	4891.6	4809.7	4702.1	4594.6
5°	5155.3	5102.8	5093.9	5096.4	5064.4	5017.0	4947.9	4873.7	4796.9	4676.5	4566.4
2.5°	5084.9	5092.6	5051.6	5036.2	5032.4	4953.0	4889.0	4817.3	4738.0	4631.7	4533.1
0°	5032.4	5046.5	5004.2	4982.5	4981.2	4913.4	4872.4	4790.5	4734.1	4645.8	4526.7
-2.5°	5004.2	5020.9	5026.0	4986.3	4947.9	4895.4	4826.3	4738.0	4645.8	4543.4	4441.0
-5°	5006.8	4973.5	4959.4	4972.2	4939.0	4886.5	4809.7	4731.6	4640.7	4530.6	4402.6
-7.5°	4905.7	4872.4	4869.8	4863.4	4855.7	4805.8	4741.8	4657.3	4565.1	4462.7	4343.7
-10°	4754.6	4730.3	4723.9	4717.5	4697.0	4667.6	4607.4	4530.6	4447.4	4344.9	4218.2
-12.5°	4586.9	4575.4	4551.1	4534.4	4513.9	4479.4	4421.8	4351.3	4268.1	4177.2	4068.4
-15°	4401.3	4379.5	4355.2	4341.1	4311.7	4270.7	4213.1	4147.8	4056.9	3967.3	3864.9
-17.5°	4177.2	4150.4	4123.5	4119.6	4099.2	4036.4	3982.7	3903.3	3823.9	3738.1	3638.3
-20°	3913.5	3876.4	3858.5	3848.2	3820.1	3774.0	3716.4	3643.4	3566.6	3484.7	3369.4



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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°	3621.6	3589.6	3558.9	3539.7	3515.4	3479.5	3424.5	3360.5	3285.0	3192.8	3086.5
-25°	3290.1	3245.3	3226.1	3204.3	3191.5	3158.2	3104.4	3045.6	2967.5	2877.9	2776.7
-27.5°	2911.1	2875.3	2865.1	2834.3	2819.0	2784.4	2739.6	2684.5	2612.9	2528.4	2445.2
-30°	2492.5	2470.8	2454.1	2423.4	2411.9	2374.7	2345.3	2299.2	2233.9	2173.8	2107.2
-32.5°	2062.4	2040.6	2035.5	2021.4	2013.7	1989.4	1956.1	1922.8	1870.4	1825.5	1771.8
-35°	1680.9	1665.5	1666.8	1665.5	1657.8	1639.9	1599.0	1590.0	1551.6	1510.6	1476.1
-37.5°	1376.2	1377.5	1376.2	1374.9	1364.7	1357.0	1327.6	1316.0	1293.0	1253.3	1232.8
-40°	1147.0	1149.6	1148.3	1145.8	1134.2	1130.4	1111.2	1095.8	1086.9	1058.7	1036.9
-42.5°	961.4	965.3	964.0	962.7	955.0	953.7	943.5	925.6	920.5	903.8	880.8
-45°	820.6	819.3	816.8	819.3	815.5	811.6	805.2	793.7	787.3	779.6	760.4
-47.5°	709.2	710.5	707.9	707.9	702.8	699.0	696.4	688.7	683.6	677.2	665.7
-50°	617.0	622.2	620.9	619.6	615.8	613.2	613.2	605.5	597.8	595.3	587.6
-52.5°	545.4	549.2	550.5	553.0	554.3	555.6	551.8	544.1	531.3	530.0	526.2
-55°	480.1	491.6	499.3	504.4	509.5	513.4	505.7	495.4	482.6	477.5	476.2
-57.5°	435.3	446.8	455.7	463.4	469.8	476.2	468.5	458.3	446.8	440.4	439.1
-60°	394.3	404.5	413.5	423.7	432.7	442.9	439.1	431.4	425.0	419.9	414.8
-62.5°	350.8	361.0	371.3	384.1	395.6	405.8	407.1	405.8	404.5	405.8	396.9
-65°	314.9	320.0	326.4	340.5	353.3	364.9	371.3	375.1	381.5	387.9	378.9
-67.5°	276.5	282.9	290.6	300.8	311.1	318.8	327.7	338.0	348.2	358.5	352.1
-70°	242.0	247.1	253.5	258.6	265.0	270.1	277.8	289.3	300.8	311.1	308.5
-72.5°	206.1	211.2	215.1	217.6	221.5	224.0	227.9	238.1	245.8	250.9	250.9
-75°	170.3	175.4	179.2	180.5	183.1	184.3	186.9	190.7	194.6	195.9	197.1
-77.5°	130.6	135.7	139.5	142.1	144.7	147.2	148.5	151.1	152.3	152.3	153.6
-80°	97.3	101.1	103.7	107.5	108.8	111.4	113.9	115.2	116.5	116.5	117.8
-82.5°	69.1	71.7	74.3	76.8	79.4	80.7	83.2	84.5	85.8	87.1	88.3
-85°	46.1	48.6	51.2	53.8	55.0	56.3	57.6	58.9	60.2	61.4	62.7
-87.5°	26.9	28.2	29.4	32.0	33.3	35.8	37.1	35.8	37.1	37.1	37.1
-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°	49.9	49.9	49.9	49.9	48.6	46.1	44.8	42.2	39.7	37.1	34.6
85°	103.7	105.0	105.0	105.0	102.4	101.1	97.3	93.5	88.3	80.7	74.3
82.5°	172.8	174.1	174.1	172.8	170.3	166.4	161.3	154.9	144.7	134.4	125.5
80°	259.9	261.2	261.2	259.9	253.5	247.1	240.7	233.0	220.2	206.1	190.7
77.5°	363.6	366.1	366.1	362.3	353.3	345.6	335.4	322.6	303.4	282.9	262.4
75°	483.9	490.3	491.6	487.8	476.2	462.1	445.5	423.7	394.3	368.7	344.4
72.5°	623.5	629.9	635.0	629.9	613.2	594.0	569.7	544.1	514.6	480.1	439.1
70°	806.5	812.9	816.8	800.1	770.7	738.7	709.2	679.8	645.2	603.0	558.2
67.5°	1036.9	1030.5	1022.9	989.6	952.5	914.1	873.1	829.6	784.8	739.9	687.5
65°	1258.4	1240.5	1223.9	1184.2	1136.8	1086.9	1039.5	990.9	937.1	880.8	830.8
62.5°	1491.4	1453.0	1412.0	1363.4	1314.7	1259.7	1212.3	1154.7	1094.6	1025.4	961.4
60°	1720.6	1674.5	1633.5	1573.3	1509.3	1435.1	1383.9	1327.6	1257.1	1182.9	1107.4
57.5°	1942.0	1892.1	1847.3	1794.8	1725.7	1645.0	1588.7	1515.7	1441.5	1348.0	1271.2
55°	2177.6	2127.7	2091.8	2032.9	1957.4	1883.2	1821.7	1744.9	1641.2	1541.3	1446.6
52.5°	2447.7	2408.0	2369.6	2309.5	2218.6	2143.0	2075.2	1989.4	1880.6	1757.7	1643.8
50°	2749.8	2729.4	2688.4	2618.0	2514.3	2447.7	2358.1	2244.2	2127.7	1998.4	1856.3
47.5°	3150.5	3117.3	3059.6	2982.8	2895.8	2795.9	2675.6	2542.4	2377.3	2233.9	2082.9
45°	3629.3	3567.9	3493.6	3389.9	3282.4	3169.7	3037.9	2868.9	2647.4	2460.5	2301.8
42.5°	4147.8	4064.6	3963.5	3827.8	3688.2	3550.0	3407.9	3177.4	2900.9	2685.8	2506.6
40°	4689.3	4583.1	4456.3	4259.2	4104.3	3926.3	3763.7	3419.4	3124.9	2891.9	2701.2
37.5°	5219.3	5084.9	4872.4	4633.0	4452.5	4306.5	3949.4	3580.7	3317.0	3060.9	2867.6
35°	5625.1	5511.2	5136.1	4887.7	4732.8	4502.4	4055.6	3678.0	3398.9	3186.4	2885.5
32.5°	5865.8	5571.4	5242.4	4991.4	4863.4	4485.8	4063.3	3706.1	3437.3	3199.2	2839.5
30°	5812.0	5456.1	5168.1	4958.2	4680.4	4341.1	3991.6	3662.6	3401.5	3113.4	2788.2
27.5°	5488.2	5212.9	4955.6	4736.7	4464.0	4159.3	3836.7	3547.4	3304.2	3025.1	2717.8
25°	5122.0	4872.4	4681.6	4490.9	4232.3	3941.7	3657.5	3448.8	3204.3	2929.1	2625.7
22.5°	4785.3	4606.1	4456.3	4256.6	4004.4	3750.9	3574.3	3357.9	3107.0	2827.9	2530.9
20°	4570.3	4448.6	4277.1	4056.9	3858.5	3699.7	3503.9	3274.7	3016.1	2724.2	2450.3
17.5°	4466.6	4325.7	4135.0	3991.6	3839.3	3665.2	3446.3	3203.0	2927.8	2676.9	2459.2
15°	4412.8	4264.3	4138.8	3998.0	3826.5	3643.4	3400.2	3148.0	2927.8	2696.1	2465.6
12.5°	4424.3	4296.3	4159.3	4005.7	3821.4	3625.5	3405.3	3171.0	2943.1	2710.2	2466.9
10°	4460.2	4325.7	4179.8	4009.5	3823.9	3630.6	3419.4	3185.1	2950.8	2716.6	2464.4
7.5°	4473.0	4327.0	4170.8	3999.3	3817.5	3628.0	3421.9	3188.9	2952.1	2715.3	2456.7
5°	4433.3	4301.4	4150.4	3977.5	3799.6	3615.2	3411.7	3183.8	2941.9	2702.5	2437.5
2.5°	4379.5	4273.3	4128.6	3962.2	3781.7	3597.3	3395.1	3160.8	2918.8	2679.4	2413.1
0°	4370.6	4238.7	4092.8	3944.2	3752.2	3557.6	3356.6	3117.3	2876.6	2635.9	2370.9
-2.5°	4311.7	4172.1	4026.2	3864.9	3695.9	3500.0	3288.8	3054.5	2816.4	2579.6	2324.8
-5°	4266.9	4112.0	3957.1	3782.9	3612.7	3416.8	3197.9	2970.0	2737.0	2506.6	2260.8
-7.5°	4206.7	4047.9	3885.4	3703.6	3519.2	3319.5	3103.2	2875.3	2646.1	2417.0	2181.4
-10°	4085.1	3945.5	3793.2	3605.0	3410.4	3210.7	2995.6	2771.6	2542.4	2310.7	2073.9
-12.5°	3937.8	3790.6	3624.2	3451.4	3277.3	3091.6	2876.6	2656.4	2426.0	2193.0	1957.4
-15°	3747.1	3602.4	3432.2	3263.2	3095.5	2917.5	2728.1	2529.6	2295.4	2066.2	1830.7
-17.5°	3509.0	3373.3	3220.9	3059.6	2893.2	2714.0	2529.6	2361.9	2143.0	1928.0	1695.0
-20°	3253.0	3126.2	2989.2	2836.9	2670.5	2495.1	2321.0	2145.6	1956.1	1766.7	1550.3



REPORT NUMBER: P722264  
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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°	2986.7	2858.7	2720.4	2578.3	2424.7	2262.1	2100.8	1933.1	1766.7	1595.1	1412.0
-25°	2679.4	2566.8	2440.0	2301.8	2164.8	2022.7	1869.1	1716.7	1574.6	1426.1	1276.3
-27.5°	2358.1	2254.4	2139.2	2018.9	1901.1	1782.0	1648.9	1508.1	1390.3	1267.4	1143.2
-30°	2020.1	1936.9	1843.5	1738.5	1647.6	1551.6	1440.2	1323.7	1216.2	1122.7	1022.9
-32.5°	1700.1	1629.7	1563.1	1494.0	1404.4	1330.1	1253.3	1167.5	1072.8	984.5	912.8
-35°	1424.8	1349.3	1321.2	1269.9	1205.9	1140.6	1084.3	1022.9	951.2	873.1	814.2
-37.5°	1193.1	1148.3	1108.6	1080.5	1038.2	985.7	940.9	896.1	841.1	782.2	723.3
-40°	1012.6	981.9	938.4	924.3	897.4	861.6	815.5	780.9	743.8	699.0	649.1
-42.5°	868.0	844.9	816.8	792.4	780.9	755.3	719.5	686.2	656.7	626.0	587.6
-45°	748.9	733.5	715.6	693.9	684.9	664.4	638.8	601.7	585.0	559.4	531.3
-47.5°	652.9	645.2	632.4	618.3	605.5	590.2	567.1	544.1	521.0	504.4	482.6
-50°	577.4	572.2	564.6	553.0	536.4	526.2	510.8	490.3	468.5	454.5	439.1
-52.5°	517.2	512.1	507.0	498.0	485.2	474.9	462.1	445.5	427.6	413.5	400.7
-55°	471.1	463.4	459.6	451.9	441.7	430.1	418.6	407.1	391.7	378.9	366.1
-57.5°	435.3	425.0	419.9	413.5	403.3	391.7	382.8	371.3	361.0	346.9	335.4
-60°	407.1	395.6	385.3	378.9	370.0	358.5	349.5	340.5	330.3	318.8	304.7
-62.5°	384.1	370.0	355.9	348.2	339.2	329.0	320.0	311.1	300.8	289.3	276.5
-65°	362.3	345.6	327.7	320.0	311.1	300.8	289.3	282.9	274.0	263.7	250.9
-67.5°	335.4	317.5	302.1	293.2	284.2	275.2	265.0	258.6	249.6	236.8	224.0
-70°	295.7	284.2	274.0	266.3	258.6	250.9	240.7	230.4	220.2	208.7	197.1
-72.5°	245.8	242.0	240.7	236.8	227.9	218.9	208.7	198.4	189.5	180.5	171.5
-75°	198.4	201.0	203.5	202.3	193.3	184.3	175.4	166.4	160.0	152.3	144.7
-77.5°	157.5	160.0	162.6	162.6	156.2	151.1	144.7	138.3	133.1	126.7	119.1
-80°	121.6	125.5	129.3	131.9	126.7	122.9	117.8	112.7	107.5	102.4	97.3
-82.5°	92.2	96.0	99.9	102.4	98.6	96.0	92.2	88.3	84.5	79.4	75.5
-85°	66.6	69.1	71.7	73.0	70.4	67.8	65.3	62.7	60.2	56.3	53.8
-87.5°	38.4	39.7	41.0	42.2	39.7	37.1	35.8	33.3	32.0	29.4	28.2
-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°	32.0	29.4	26.9	25.6	23.0	19.2	16.6	14.1	11.5	9.0	7.7
85°	67.8	61.4	53.8	49.9	44.8	39.7	34.6	29.4	24.3	19.2	14.1
82.5°	116.5	108.8	101.1	92.2	80.7	66.6	52.5	43.5	35.8	28.2	21.8
80°	175.4	161.3	148.5	137.0	124.2	106.3	87.1	69.1	48.6	37.1	28.2
77.5°	243.2	226.6	208.7	189.5	169.0	144.7	122.9	99.9	75.5	51.2	35.8
75°	320.0	298.3	274.0	247.1	220.2	188.2	157.5	130.6	102.4	71.7	43.5
72.5°	405.8	378.9	349.5	313.6	271.4	234.3	197.1	161.3	128.0	90.9	58.9
70°	515.9	473.7	430.1	391.7	338.0	279.1	235.6	194.6	152.3	111.4	74.3
67.5°	633.7	582.5	530.0	473.7	405.8	336.7	274.0	227.9	177.9	130.6	88.3
65°	761.7	697.7	631.1	568.4	474.9	393.0	322.6	259.9	202.3	148.5	102.4
62.5°	893.6	818.0	741.2	659.3	551.8	450.6	368.7	295.7	225.3	165.1	115.2
60°	1034.4	946.1	852.6	750.2	624.7	513.4	412.2	332.8	249.6	181.8	129.3
57.5°	1182.9	1086.9	976.8	838.5	700.3	573.5	462.1	366.1	271.4	197.1	139.5
55°	1344.2	1234.1	1113.8	930.7	774.5	633.7	512.1	399.4	294.4	210.0	149.8
52.5°	1518.3	1390.3	1237.9	1028.0	852.6	695.1	558.2	428.9	316.2	224.0	158.7
50°	1712.9	1551.6	1346.8	1117.6	920.5	752.7	604.2	460.9	334.1	239.4	166.4
47.5°	1915.2	1741.1	1444.0	1200.8	989.6	809.1	651.6	489.0	352.1	252.2	174.1
45°	2126.4	1872.9	1545.2	1275.1	1049.8	860.3	687.5	514.6	373.8	263.7	180.5
42.5°	2335.1	1972.8	1633.5	1349.3	1106.1	906.4	716.9	539.0	391.7	275.2	186.9
40°	2433.6	2048.3	1703.9	1400.5	1153.4	947.3	742.5	560.7	407.1	282.9	193.3
37.5°	2474.6	2094.4	1750.0	1449.2	1190.6	969.1	764.3	579.9	419.9	290.6	198.4
35°	2483.6	2111.0	1773.1	1482.5	1221.3	989.6	780.9	594.0	430.1	298.3	203.5
32.5°	2466.9	2105.9	1779.5	1494.0	1240.5	1004.9	792.4	604.2	437.8	306.0	208.7
30°	2429.8	2079.0	1756.4	1492.7	1254.6	1013.9	800.1	611.9	445.5	311.1	211.2
27.5°	2369.6	2031.7	1727.0	1494.0	1262.3	1017.7	804.0	615.8	450.6	314.9	216.4
25°	2295.4	1967.6	1728.2	1491.4	1263.5	1019.0	804.0	615.8	451.9	316.2	220.2
22.5°	2209.6	1967.6	1728.2	1487.6	1255.9	1016.5	800.1	613.2	451.9	318.8	224.0
20°	2214.7	1968.9	1724.4	1479.9	1244.3	1008.8	791.2	606.8	448.1	322.6	226.6
17.5°	2218.6	1966.4	1716.7	1469.7	1229.0	996.0	779.6	597.8	448.1	326.4	227.9
15°	2218.6	1958.7	1705.2	1454.3	1209.8	978.1	763.0	590.2	449.3	327.7	230.4
12.5°	2214.7	1944.6	1687.3	1433.8	1186.7	956.3	752.7	587.6	449.3	329.0	230.4
10°	2207.0	1925.4	1664.2	1408.2	1165.0	948.6	747.6	582.5	446.8	329.0	230.4
7.5°	2193.0	1902.4	1645.0	1392.8	1152.2	939.7	739.9	574.8	442.9	326.4	233.0
5°	2171.2	1889.6	1629.7	1374.9	1134.2	933.3	734.8	568.4	440.4	326.4	230.4
2.5°	2143.0	1874.2	1611.8	1351.9	1113.8	911.5	718.2	554.3	431.4	321.3	227.9
0°	2096.9	1843.5	1581.0	1319.9	1085.6	889.7	701.5	540.2	422.5	316.2	225.3
-2.5°	2054.7	1802.5	1541.3	1286.6	1058.7	870.5	688.7	532.6	418.6	314.9	224.0
-5°	1995.8	1746.2	1488.9	1243.1	1022.9	851.3	675.9	523.6	414.8	312.4	224.0
-7.5°	1930.5	1687.3	1433.8	1198.3	987.0	818.0	651.6	509.5	405.8	307.2	222.8
-10°	1829.4	1599.0	1364.7	1147.0	948.6	788.6	631.1	496.7	398.1	302.1	217.6
-12.5°	1721.8	1501.7	1285.3	1084.3	905.1	757.9	608.1	482.6	389.2	297.0	215.1
-15°	1607.9	1401.8	1202.1	1019.0	857.7	720.7	583.8	467.3	380.2	290.6	211.2
-17.5°	1488.9	1296.8	1116.3	952.5	810.4	682.3	558.2	453.2	370.0	284.2	207.4
-20°	1363.4	1189.3	1029.3	884.6	760.4	643.9	531.3	436.5	358.5	276.5	202.3



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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°	1239.2	1083.0	939.7	818.0	709.2	604.2	504.4	419.9	345.6	267.6	198.4
-25°	1129.1	983.2	860.3	754.0	659.3	565.8	476.2	403.3	331.6	258.6	193.3
-27.5°	1021.6	897.4	782.2	693.9	610.6	528.7	449.3	385.3	317.5	248.4	188.2
-30°	921.7	815.5	720.7	635.0	564.6	495.4	426.3	367.4	302.1	238.1	181.8
-32.5°	830.8	745.1	665.7	583.8	521.0	462.1	404.5	349.5	286.8	227.9	175.4
-35°	746.3	679.8	610.6	541.5	477.5	431.4	381.5	330.3	272.7	216.4	169.0
-37.5°	670.8	617.0	562.0	503.1	448.1	402.0	359.7	311.1	258.6	206.1	162.6
-40°	605.5	562.0	513.4	466.0	419.9	376.4	338.0	291.9	244.5	198.4	156.2
-42.5°	545.4	512.1	472.4	432.7	391.7	353.3	316.2	271.4	230.4	189.5	149.8
-45°	499.3	466.0	434.0	398.1	363.6	330.3	293.2	253.5	217.6	179.2	143.4
-47.5°	455.7	426.3	396.9	367.4	339.2	308.5	271.4	238.1	203.5	170.3	138.3
-50°	417.3	389.2	363.6	338.0	313.6	284.2	249.6	222.8	192.0	161.3	131.9
-52.5°	381.5	357.2	331.6	311.1	290.6	261.2	233.0	207.4	180.5	151.1	125.5
-55°	349.5	326.4	303.4	284.2	265.0	239.4	216.4	194.6	169.0	143.4	119.1
-57.5°	318.8	299.6	277.8	259.9	240.7	220.2	201.0	180.5	157.5	135.7	112.7
-60°	290.6	272.7	253.5	235.6	218.9	202.3	184.3	167.7	147.2	126.7	106.3
-62.5°	262.4	247.1	230.4	212.5	199.7	184.3	170.3	153.6	137.0	119.1	94.7
-65°	236.8	222.8	207.4	192.0	180.5	169.0	156.2	140.8	126.7	110.1	84.5
-67.5°	211.2	198.4	185.6	172.8	162.6	153.6	140.8	129.3	117.8	99.9	74.3
-70°	186.9	176.7	165.1	154.9	147.2	137.0	128.0	117.8	107.5	87.1	62.7
-72.5°	163.9	153.6	144.7	137.0	130.6	121.6	113.9	106.3	92.2	73.0	52.5
-75°	137.0	130.6	125.5	119.1	112.7	106.3	99.9	90.9	76.8	58.9	41.0
-77.5°	112.7	108.8	105.0	99.9	94.7	89.6	81.9	73.0	61.4	46.1	33.3
-80°	92.2	88.3	85.8	80.7	76.8	71.7	64.0	56.3	44.8	35.8	26.9
-82.5°	70.4	67.8	65.3	62.7	58.9	53.8	46.1	39.7	33.3	26.9	20.5
-85°	49.9	48.6	46.1	43.5	39.7	35.8	30.7	26.9	23.0	17.9	14.1
-87.5°	25.6	24.3	23.0	21.8	20.5	17.9	15.4	12.8	11.5	9.0	6.4
-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°	5.1	3.8	1.3	0.0
85°	10.2	6.4	2.6	0.0
82.5°	15.4	10.2	3.8	0.0
80°	20.5	12.8	6.4	0.0
77.5°	25.6	15.4	7.7	0.0
75°	30.7	19.2	9.0	0.0
72.5°	34.6	21.8	10.2	0.0
70°	41.0	25.6	11.5	0.0
67.5°	51.2	28.2	12.8	0.0
65°	60.2	30.7	14.1	0.0
62.5°	70.4	33.3	15.4	0.0
60°	79.4	35.8	16.6	0.0
57.5°	88.3	42.2	17.9	0.0
55°	96.0	47.4	19.2	0.0
52.5°	105.0	52.5	20.5	0.0
50°	112.7	57.6	21.8	0.0
47.5°	119.1	62.7	21.8	0.0
45°	124.2	66.6	23.0	0.0
42.5°	128.0	70.4	24.3	0.0
40°	131.9	74.3	25.6	0.0
37.5°	135.7	78.1	25.6	0.0
35°	139.5	81.9	26.9	0.0
32.5°	143.4	85.8	26.9	0.0
30°	145.9	88.3	28.2	0.0
27.5°	149.8	90.9	28.2	0.0
25°	151.1	93.5	29.4	0.0
22.5°	153.6	94.7	29.4	0.0
20°	156.2	97.3	29.4	0.0
17.5°	157.5	98.6	30.7	0.0
15°	157.5	99.9	32.0	0.0
12.5°	158.7	101.1	32.0	0.0
10°	158.7	103.7	30.7	0.0
7.5°	161.3	102.4	30.7	0.0
5°	160.0	102.4	30.7	0.0
2.5°	158.7	101.1	30.7	0.0
0°	157.5	101.1	30.7	0.0
-2.5°	157.5	101.1	30.7	0.0
-5°	157.5	101.1	30.7	0.0
-7.5°	156.2	102.4	30.7	0.0
-10°	153.6	102.4	30.7	0.0
-12.5°	152.3	98.6	30.7	0.0
-15°	151.1	97.3	30.7	0.0
-17.5°	148.5	96.0	29.4	0.0
-20°	145.9	94.7	29.4	0.0



REPORT NUMBER: P722264  
 CATALOG NUMBER: IFLD-M-SA4A-930-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	143.4	92.2	29.4	0.0
-25°	140.8	89.6	28.2	0.0
-27.5°	138.3	87.1	28.2	0.0
-30°	134.4	84.5	26.9	0.0
-32.5°	130.6	81.9	26.9	0.0
-35°	128.0	78.1	25.6	0.0
-37.5°	124.2	74.3	25.6	0.0
-40°	120.3	70.4	24.3	0.0
-42.5°	116.5	66.6	23.0	0.0
-45°	111.4	62.7	23.0	0.0
-47.5°	107.5	58.9	21.8	0.0
-50°	101.1	53.8	20.5	0.0
-52.5°	93.5	48.6	19.2	0.0
-55°	85.8	44.8	17.9	0.0
-57.5°	78.1	39.7	17.9	0.0
-60°	70.4	34.6	16.6	0.0
-62.5°	62.7	32.0	15.4	0.0
-65°	55.0	29.4	14.1	0.0
-67.5°	46.1	25.6	12.8	0.0
-70°	38.4	23.0	11.5	0.0
-72.5°	33.3	20.5	10.2	0.0
-75°	28.2	17.9	9.0	0.0
-77.5°	24.3	15.4	7.7	0.0
-80°	19.2	11.5	5.1	0.0
-82.5°	14.1	9.0	3.8	0.0
-85°	9.0	6.4	2.6	0.0
-87.5°	5.1	2.6	1.3	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)