

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: P722338

Luminaire Tested: **IFLD-S-SA2C-950-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722338
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2C-950-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (32) 5000K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

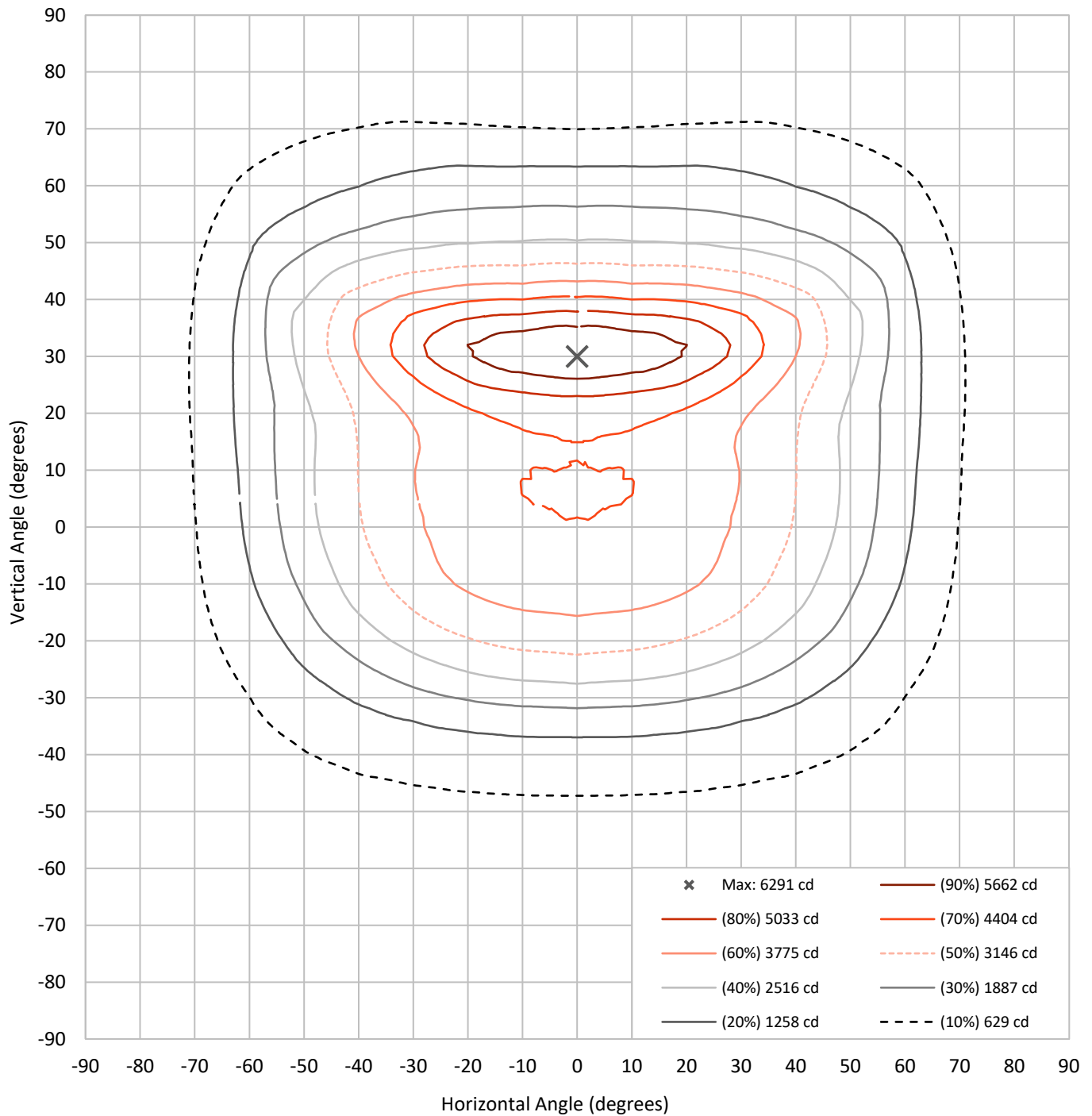
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	10501.2 lumens	Max Intensity:	6291 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	97.1 lumens/watt		
Luminous Opening:	Rectangular (W 1' 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:	6106.6 lumens	Field Lumens:	9841 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%
Input Watts (W):	108.2		
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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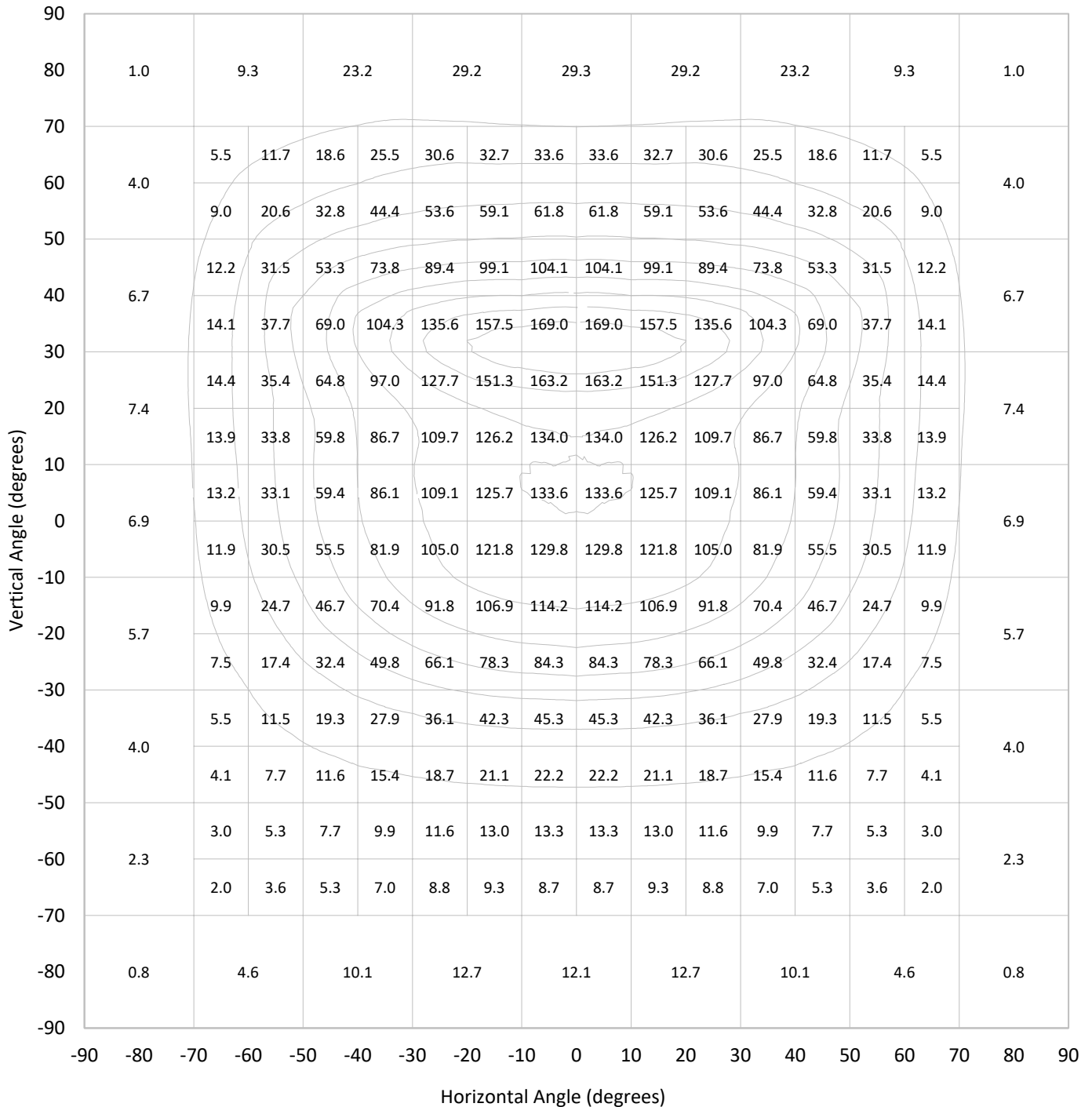
Iso-Candela Plot





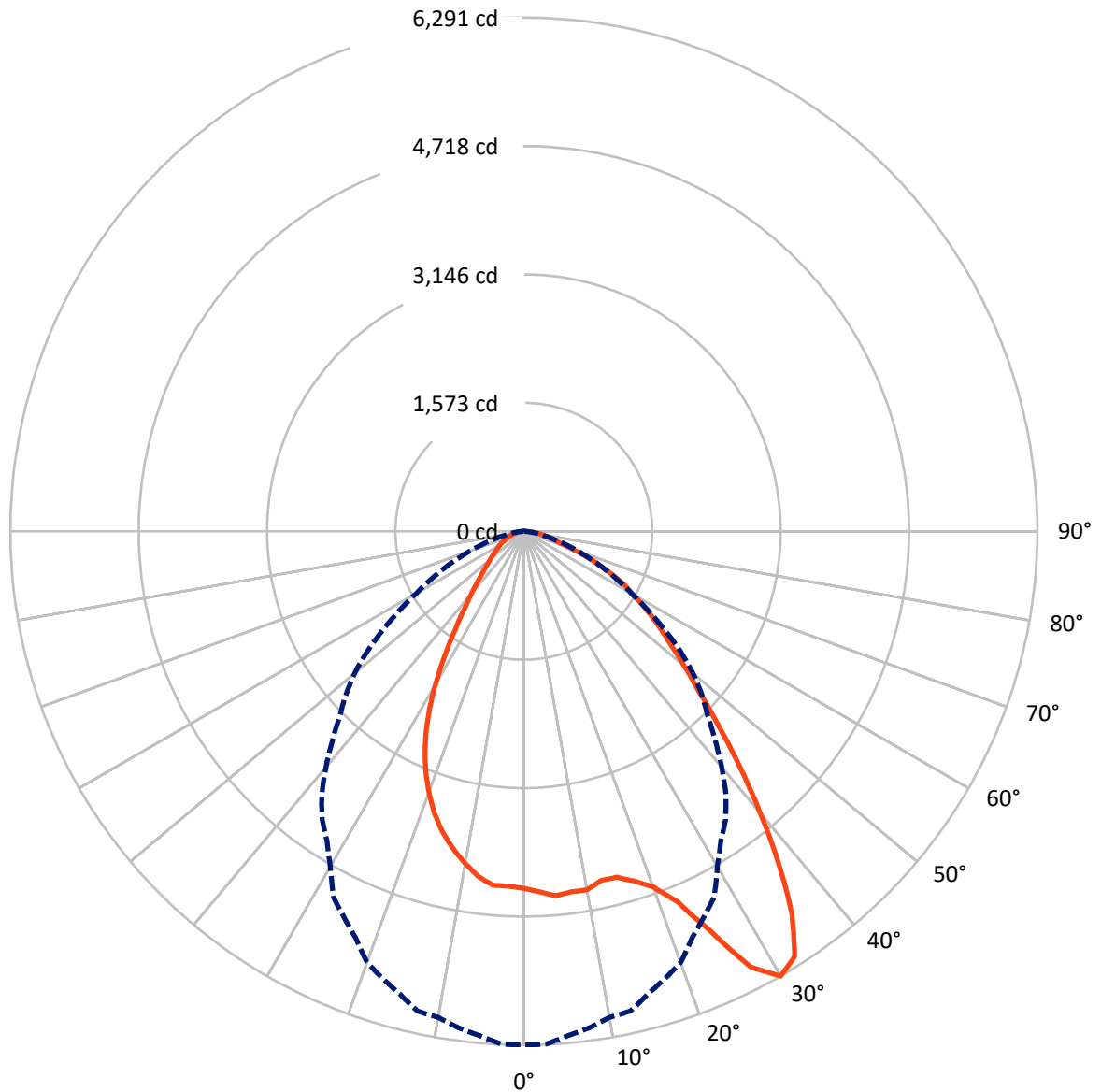
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Lumen Table



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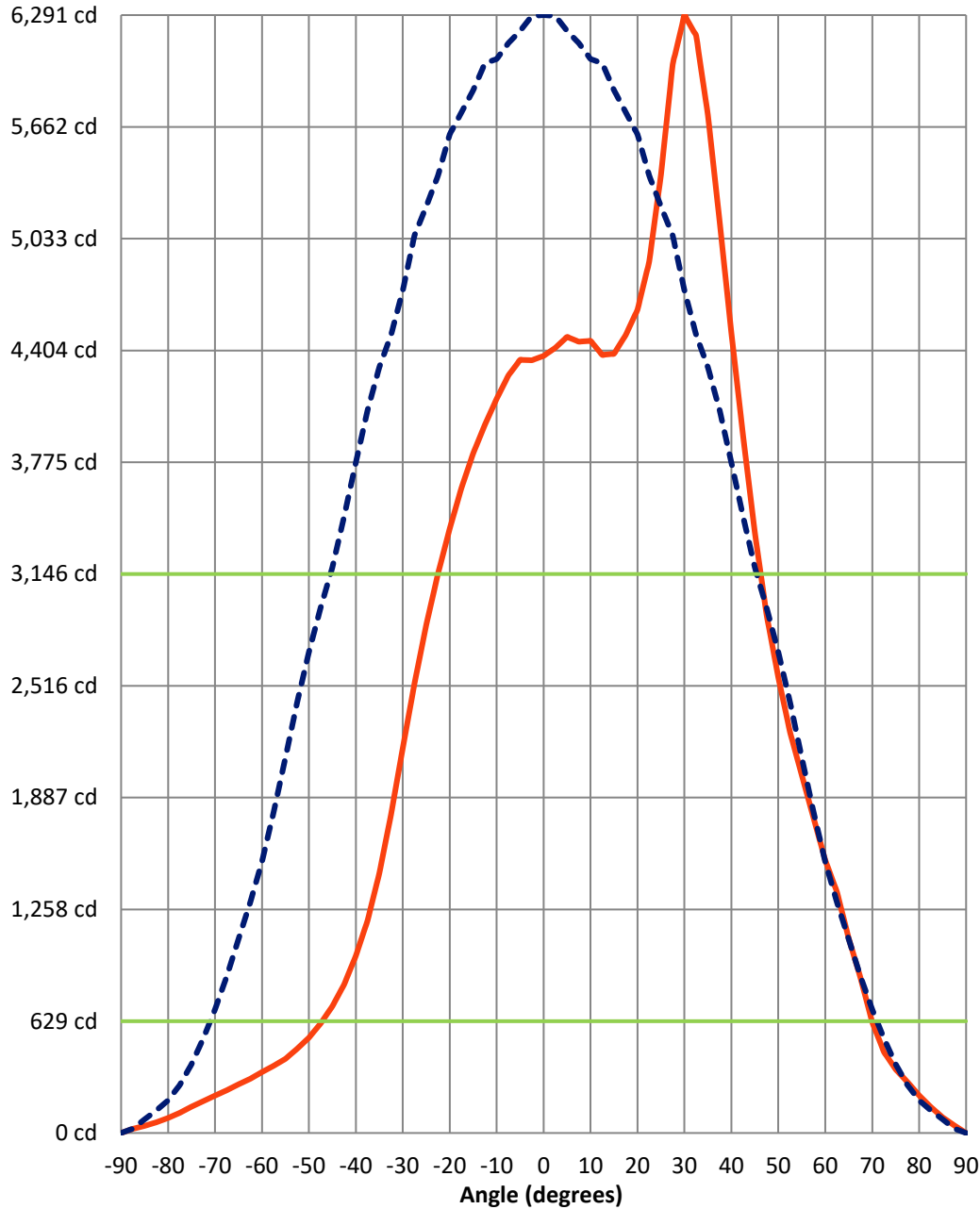
Luminous Intensity Polar Plot



— 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: 6106.6
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 9841
 Efficiency: 93.7%

Spill:
 Lumens: 660.2
 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°	42.3	43.4	44.5	44.5	43.4	43.4	43.4	42.3	43.4	43.4	43.4
85°	87.9	90.1	92.3	91.2	90.1	87.9	85.7	86.8	87.9	89.0	89.0
82.5°	145.7	149.1	151.3	150.2	148.0	145.7	143.5	144.6	146.8	148.0	148.0
80°	211.4	212.5	213.6	215.8	212.5	212.5	211.4	215.8	218.0	220.3	222.5
77.5°	287.0	288.1	288.1	289.2	290.4	291.5	291.5	299.3	304.8	308.2	311.5
75°	358.2	361.5	364.9	368.2	372.7	374.9	378.2	389.4	398.3	404.9	411.6
72.5°	456.1	460.6	466.1	473.9	481.7	487.3	495.0	508.4	518.4	525.1	532.9
70°	624.1	628.5	634.1	639.7	647.5	653.0	660.8	677.5	687.5	691.9	696.4
67.5°	873.3	884.4	894.4	883.3	877.7	869.9	872.2	887.7	897.8	904.4	903.3
65°	1094.7	1102.4	1102.4	1101.3	1096.9	1086.9	1092.4	1111.3	1122.5	1128.0	1111.3
62.5°	1355.0	1355.0	1349.4	1358.3	1359.4	1352.7	1349.4	1350.5	1351.6	1355.0	1327.2
60°	1535.2	1546.3	1549.7	1557.4	1559.7	1559.7	1565.2	1569.7	1569.7	1563.0	1530.7
57.5°	1773.3	1794.4	1798.8	1793.3	1782.2	1767.7	1765.5	1758.8	1745.4	1732.1	1716.5
55°	2013.5	2024.7	2023.6	2020.2	2009.1	1992.4	1994.6	1985.7	1964.6	1947.9	1926.8
52.5°	2255.0	2281.7	2286.1	2279.4	2263.9	2246.1	2247.2	2237.2	2216.0	2198.2	2169.3
50°	2563.1	2585.4	2583.1	2572.0	2549.8	2536.4	2537.5	2518.6	2494.1	2488.6	2450.7
47.5°	2915.8	2941.3	2936.9	2921.3	2891.3	2885.7	2891.3	2866.8	2852.3	2840.1	2795.6
45°	3378.5	3408.6	3391.9	3361.8	3314.0	3319.6	3327.4	3322.9	3291.8	3259.5	3202.8
42.5°	3921.4	3940.3	3920.3	3890.3	3830.2	3841.3	3836.9	3810.2	3791.3	3737.9	3665.6
40°	4502.1	4543.3	4512.1	4465.4	4403.1	4419.8	4407.6	4373.1	4328.6	4261.8	4170.6
37.5°	5128.4	5160.7	5125.1	5070.6	5015.0	5009.4	4984.9	4931.5	4868.1	4794.7	4649.0
35°	5728.0	5811.5	5745.8	5659.1	5591.2	5565.6	5542.3	5418.8	5346.5	5227.4	5028.3
32.5°	6174.1	6235.3	6154.1	6064.0	5981.7	5946.1	5863.8	5716.9	5678.0	5427.7	5245.2
30°	6291.0	6286.5	6202.0	6133.0	6044.0	6019.5	5868.2	5743.6	5619.0	5387.6	5214.1
27.5°	6012.8	5985.0	5903.8	5843.7	5755.9	5726.9	5577.9	5511.1	5318.7	5122.9	4976.0
25°	5393.2	5407.7	5346.5	5316.4	5258.6	5196.3	5137.3	5047.2	4927.1	4755.8	4621.2
22.5°	4904.8	4923.7	4898.2	4862.6	4818.1	4783.6	4739.1	4669.0	4553.3	4447.6	4320.8
20°	4633.4	4627.8	4605.6	4578.9	4536.6	4512.1	4463.2	4404.2	4315.2	4224.0	4087.2
17.5°	4491.0	4456.5	4435.4	4425.4	4403.1	4372.0	4314.1	4254.0	4185.1	4081.6	3981.5
15°	4385.3	4390.9	4374.2	4366.4	4348.6	4305.2	4246.3	4197.3	4103.9	4051.6	3960.4
12.5°	4378.6	4373.1	4374.2	4370.8	4348.6	4293.0	4262.9	4200.6	4140.6	4071.6	3967.0
10°	4457.6	4398.7	4403.1	4418.7	4383.1	4338.6	4306.3	4238.5	4181.7	4093.8	3990.4
7.5°	4453.2	4423.1	4432.0	4406.4	4417.6	4363.1	4318.6	4250.7	4179.5	4086.1	3992.6
5°	4479.9	4434.3	4426.5	4428.7	4400.9	4359.7	4299.7	4235.1	4168.4	4063.8	3968.1
2.5°	4418.7	4425.4	4389.8	4376.4	4373.1	4304.1	4248.5	4186.2	4117.2	4024.9	3939.2
0°	4373.1	4385.3	4348.6	4329.7	4328.6	4269.6	4234.0	4162.8	4113.9	4037.1	3933.7
-2.5°	4348.6	4363.1	4367.5	4333.0	4299.7	4254.0	4194.0	4117.2	4037.1	3948.1	3859.1
-5°	4350.8	4321.9	4309.7	4320.8	4291.9	4246.3	4179.5	4111.6	4032.7	3937.0	3825.7
-7.5°	4262.9	4234.0	4231.8	4226.2	4219.6	4176.2	4120.5	4047.1	3967.0	3878.0	3774.6
-10°	4131.7	4110.5	4105.0	4099.4	4081.6	4056.0	4003.7	3937.0	3864.7	3775.7	3665.6
-12.5°	3985.9	3975.9	3954.8	3940.3	3922.5	3892.5	3842.4	3781.2	3708.9	3630.0	3535.4
-15°	3824.6	3805.7	3784.6	3772.3	3746.8	3711.2	3661.1	3604.4	3525.4	3447.5	3358.5
-17.5°	3630.0	3606.6	3583.2	3579.9	3562.1	3507.6	3460.9	3391.9	3322.9	3248.4	3161.6
-20°	3400.8	3368.5	3352.9	3344.0	3319.6	3279.5	3229.5	3166.1	3099.3	3028.1	2928.0



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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°	3147.1	3119.3	3092.6	3075.9	3054.8	3023.7	2975.8	2920.2	2854.6	2774.5	2682.1
-25°	2859.0	2820.1	2803.4	2784.5	2773.4	2744.4	2697.7	2646.5	2578.7	2500.8	2412.9
-27.5°	2529.7	2498.6	2489.7	2463.0	2449.6	2419.6	2380.7	2332.8	2270.5	2197.1	2124.8
-30°	2166.0	2147.0	2132.6	2105.9	2095.9	2063.6	2038.0	1998.0	1941.2	1889.0	1831.1
-32.5°	1792.2	1773.3	1768.8	1756.6	1749.9	1728.8	1699.8	1670.9	1625.3	1586.4	1539.6
-35°	1460.7	1447.3	1448.4	1447.3	1440.6	1425.1	1389.5	1381.7	1348.3	1312.7	1282.7
-37.5°	1195.9	1197.0	1195.9	1194.8	1185.9	1179.2	1153.6	1143.6	1123.6	1089.1	1071.3
-40°	996.8	999.0	997.9	995.7	985.6	982.3	965.6	952.3	944.5	920.0	901.1
-42.5°	835.5	838.8	837.7	836.6	829.9	828.8	819.9	804.3	799.9	785.4	765.4
-45°	713.1	712.0	709.7	712.0	708.6	705.3	699.7	689.7	684.2	677.5	660.8
-47.5°	616.3	617.4	615.2	615.2	610.7	607.4	605.2	598.5	594.1	588.5	578.5
-50°	536.2	540.7	539.5	538.4	535.1	532.9	532.9	526.2	519.5	517.3	510.6
-52.5°	473.9	477.2	478.4	480.6	481.7	482.8	479.5	472.8	461.7	460.6	457.2
-55°	417.2	427.2	433.9	438.3	442.8	446.1	439.4	430.5	419.4	414.9	413.8
-57.5°	378.2	388.2	396.0	402.7	408.3	413.8	407.2	398.3	388.2	382.7	381.6
-60°	342.6	351.5	359.3	368.2	376.0	384.9	381.6	374.9	369.3	364.9	360.4
-62.5°	304.8	313.7	322.6	333.7	343.7	352.6	353.8	352.6	351.5	352.6	344.9
-65°	273.7	278.1	283.7	295.9	307.0	317.1	322.6	326.0	331.5	337.1	329.3
-67.5°	240.3	245.9	252.5	261.4	270.3	277.0	284.8	293.7	302.6	311.5	305.9
-70°	210.3	214.7	220.3	224.7	230.3	234.7	241.4	251.4	261.4	270.3	268.1
-72.5°	179.1	183.6	186.9	189.1	192.5	194.7	198.0	206.9	213.6	218.0	218.0
-75°	148.0	152.4	155.7	156.9	159.1	160.2	162.4	165.8	169.1	170.2	171.3
-77.5°	113.5	117.9	121.3	123.5	125.7	127.9	129.0	131.3	132.4	132.4	133.5
-80°	84.5	87.9	90.1	93.4	94.6	96.8	99.0	100.1	101.2	101.2	102.3
-82.5°	60.1	62.3	64.5	66.7	69.0	70.1	72.3	73.4	74.5	75.6	76.8
-85°	40.0	42.3	44.5	46.7	47.8	48.9	50.1	51.2	52.3	53.4	54.5
-87.5°	23.4	24.5	25.6	27.8	28.9	31.1	32.3	31.1	32.3	32.3	32.3
-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°	43.4	43.4	43.4	43.4	42.3	40.0	38.9	36.7	34.5	32.3	30.0
85°	90.1	91.2	91.2	91.2	89.0	87.9	84.5	81.2	76.8	70.1	64.5
82.5°	150.2	151.3	151.3	150.2	148.0	144.6	140.2	134.6	125.7	116.8	109.0
80°	225.8	226.9	226.9	225.8	220.3	214.7	209.1	202.5	191.3	179.1	165.8
77.5°	315.9	318.2	318.2	314.8	307.0	300.4	291.5	280.3	263.7	245.9	228.1
75°	420.5	426.1	427.2	423.8	413.8	401.6	387.1	368.2	342.6	320.4	299.3
72.5°	541.8	547.3	551.8	547.3	532.9	516.2	495.0	472.8	447.2	417.2	381.6
70°	700.8	706.4	709.7	695.3	669.7	641.9	616.3	590.7	560.7	524.0	485.0
67.5°	901.1	895.5	888.9	859.9	827.7	794.3	758.7	720.9	681.9	643.0	597.4
65°	1093.5	1078.0	1063.5	1029.0	987.9	944.5	903.3	861.0	814.3	765.4	722.0
62.5°	1296.0	1262.6	1227.0	1184.8	1142.5	1094.7	1053.5	1003.4	951.2	891.1	835.5
60°	1495.1	1455.1	1419.5	1367.2	1311.6	1247.1	1202.6	1153.6	1092.4	1027.9	962.3
57.5°	1687.6	1644.2	1605.3	1559.7	1499.6	1429.5	1380.6	1317.2	1252.6	1171.4	1104.7
55°	1892.3	1848.9	1817.8	1766.6	1700.9	1636.4	1583.0	1516.3	1426.2	1339.4	1257.1
52.5°	2127.0	2092.5	2059.2	2006.9	1927.9	1862.3	1803.3	1728.8	1634.2	1527.4	1428.4
50°	2389.6	2371.8	2336.2	2275.0	2184.9	2127.0	2049.1	1950.1	1848.9	1736.5	1613.1
47.5°	2737.8	2708.8	2658.8	2592.0	2516.4	2429.6	2325.0	2209.3	2065.8	1941.2	1810.0
45°	3153.8	3100.4	3035.9	2945.8	2852.3	2754.4	2639.9	2493.0	2300.6	2138.1	2000.2
42.5°	3604.4	3532.1	3444.2	3326.3	3205.0	3084.8	2961.4	2761.1	2520.8	2333.9	2178.2
40°	4074.9	3982.6	3872.5	3701.1	3566.5	3411.9	3270.6	2971.4	2715.5	2513.0	2347.3
37.5°	4535.5	4418.7	4234.0	4026.0	3869.1	3742.3	3431.9	3111.5	2882.4	2659.9	2491.9
35°	4888.1	4789.1	4463.2	4247.4	4112.8	3912.5	3524.3	3196.1	2953.6	2768.9	2507.5
32.5°	5097.3	4841.4	4555.5	4337.5	4226.2	3898.1	3530.9	3220.6	2987.0	2780.0	2467.4
30°	5050.6	4741.3	4491.0	4308.6	4067.1	3772.3	3468.6	3182.7	2955.8	2705.5	2422.9
27.5°	4769.1	4529.9	4306.3	4116.1	3879.1	3614.4	3334.0	3082.6	2871.3	2628.7	2361.7
25°	4450.9	4234.0	4068.3	3902.5	3677.8	3425.3	3178.3	2997.0	2784.5	2545.3	2281.7
22.5°	4158.4	4002.6	3872.5	3698.9	3479.8	3259.5	3106.0	2918.0	2699.9	2457.4	2199.3
20°	3971.5	3865.8	3716.7	3525.4	3352.9	3215.0	3044.8	2845.7	2621.0	2367.3	2129.2
17.5°	3881.4	3759.0	3593.2	3468.6	3336.3	3185.0	2994.7	2783.4	2544.2	2326.2	2137.0
15°	3834.6	3705.6	3596.6	3474.2	3325.1	3166.1	2954.7	2735.5	2544.2	2342.8	2142.6
12.5°	3844.7	3733.4	3614.4	3480.9	3320.7	3150.5	2959.1	2755.6	2557.5	2355.1	2143.7
10°	3875.8	3759.0	3632.2	3484.2	3322.9	3154.9	2971.4	2767.8	2564.2	2360.6	2141.5
7.5°	3886.9	3760.1	3624.4	3475.3	3317.4	3152.7	2973.6	2771.1	2565.3	2359.5	2134.8
5°	3852.4	3737.9	3606.6	3456.4	3301.8	3141.6	2964.7	2766.7	2556.4	2348.4	2118.1
2.5°	3805.7	3713.4	3587.7	3443.1	3286.2	3126.0	2950.2	2746.7	2536.4	2328.4	2097.0
0°	3797.9	3683.3	3556.5	3427.5	3260.6	3091.5	2916.9	2708.8	2499.7	2290.6	2060.3
-2.5°	3746.8	3625.5	3498.7	3358.5	3211.7	3041.5	2857.9	2654.3	2447.4	2241.6	2020.2
-5°	3707.8	3573.2	3438.6	3287.3	3139.4	2969.2	2778.9	2580.9	2378.4	2178.2	1964.6
-7.5°	3655.5	3517.6	3376.3	3218.3	3058.1	2884.6	2696.6	2498.6	2299.5	2100.3	1895.6
-10°	3549.9	3428.6	3296.2	3132.7	2963.6	2790.0	2603.2	2408.5	2209.3	2008.0	1802.2
-12.5°	3421.9	3294.0	3149.4	2999.2	2847.9	2686.6	2499.7	2308.4	2108.1	1905.6	1700.9
-15°	3256.2	3130.5	2982.5	2835.7	2689.9	2535.3	2370.6	2198.2	1994.6	1795.5	1590.8
-17.5°	3049.2	2931.3	2798.9	2658.8	2514.2	2358.4	2198.2	2052.5	1862.3	1675.4	1472.9
-20°	2826.8	2716.6	2597.6	2465.2	2320.6	2168.2	2016.9	1864.5	1699.8	1535.2	1347.2



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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°	2595.4	2484.1	2364.0	2240.5	2107.0	1965.7	1825.5	1679.8	1535.2	1386.1	1227.0
-25°	2328.4	2230.5	2120.3	2000.2	1881.2	1757.7	1624.2	1491.8	1368.3	1239.3	1109.1
-27.5°	2049.1	1959.0	1858.9	1754.3	1652.0	1548.5	1432.8	1310.5	1208.1	1101.3	993.4
-30°	1755.5	1683.1	1601.9	1510.7	1431.7	1348.3	1251.5	1150.3	1056.8	975.6	888.9
-32.5°	1477.3	1416.2	1358.3	1298.2	1220.4	1155.8	1089.1	1014.6	932.2	855.5	793.2
-35°	1238.2	1172.5	1148.1	1103.6	1047.9	991.2	942.3	888.9	826.6	758.7	707.5
-37.5°	1036.8	997.9	963.4	938.9	902.2	856.6	817.7	778.7	730.9	679.7	628.5
-40°	880.0	853.3	815.4	803.2	779.8	748.7	708.6	678.6	646.3	607.4	564.0
-42.5°	754.2	734.2	709.7	688.6	678.6	656.4	625.2	596.3	570.7	544.0	510.6
-45°	650.8	637.4	621.9	603.0	595.2	577.4	555.1	522.9	508.4	486.1	461.7
-47.5°	567.4	560.7	549.6	537.3	526.2	512.8	492.8	472.8	452.8	438.3	419.4
-50°	501.7	497.3	490.6	480.6	466.1	457.2	443.9	426.1	407.2	394.9	381.6
-52.5°	449.4	445.0	440.5	432.7	421.6	412.7	401.6	387.1	371.6	359.3	348.2
-55°	409.4	402.7	399.4	392.7	383.8	373.8	363.8	353.8	340.4	329.3	318.2
-57.5°	378.2	369.3	364.9	359.3	350.4	340.4	332.6	322.6	313.7	301.5	291.5
-60°	353.8	343.7	334.8	329.3	321.5	311.5	303.7	295.9	287.0	277.0	264.8
-62.5°	333.7	321.5	309.3	302.6	294.8	285.9	278.1	270.3	261.4	251.4	240.3
-65°	314.8	300.4	284.8	278.1	270.3	261.4	251.4	245.9	238.1	229.2	218.0
-67.5°	291.5	275.9	262.5	254.8	247.0	239.2	230.3	224.7	216.9	205.8	194.7
-70°	257.0	247.0	238.1	231.4	224.7	218.0	209.1	200.2	191.3	181.3	171.3
-72.5°	213.6	210.3	209.1	205.8	198.0	190.2	181.3	172.4	164.6	156.9	149.1
-75°	172.4	174.7	176.9	175.8	168.0	160.2	152.4	144.6	139.1	132.4	125.7
-77.5°	136.8	139.1	141.3	141.3	135.7	131.3	125.7	120.1	115.7	110.1	103.5
-80°	105.7	109.0	112.4	114.6	110.1	106.8	102.3	97.9	93.4	89.0	84.5
-82.5°	80.1	83.4	86.8	89.0	85.7	83.4	80.1	76.8	73.4	69.0	65.6
-85°	57.8	60.1	62.3	63.4	61.2	59.0	56.7	54.5	52.3	48.9	46.7
-87.5°	33.4	34.5	35.6	36.7	34.5	32.3	31.1	28.9	27.8	25.6	24.5
-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):

	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°	27.8	25.6	23.4	22.2	20.0	16.7	14.5	12.2	10.0	7.8	6.7
85°	59.0	53.4	46.7	43.4	38.9	34.5	30.0	25.6	21.1	16.7	12.2
82.5°	101.2	94.6	87.9	80.1	70.1	57.8	45.6	37.8	31.1	24.5	18.9
80°	152.4	140.2	129.0	119.0	107.9	92.3	75.6	60.1	42.3	32.3	24.5
77.5°	211.4	196.9	181.3	164.6	146.8	125.7	106.8	86.8	65.6	44.5	31.1
75°	278.1	259.2	238.1	214.7	191.3	163.5	136.8	113.5	89.0	62.3	37.8
72.5°	352.6	329.3	303.7	272.6	235.8	203.6	171.3	140.2	111.2	79.0	51.2
70°	448.3	411.6	373.8	340.4	293.7	242.5	204.7	169.1	132.4	96.8	64.5
67.5°	550.7	506.2	460.6	411.6	352.6	292.6	238.1	198.0	154.6	113.5	76.8
65°	661.9	606.3	548.4	493.9	412.7	341.5	280.3	225.8	175.8	129.0	89.0
62.5°	776.5	710.9	644.1	572.9	479.5	391.6	320.4	257.0	195.8	143.5	100.1
60°	898.9	822.1	740.9	651.9	542.9	446.1	358.2	289.2	216.9	158.0	112.4
57.5°	1027.9	944.5	848.8	728.7	608.5	498.4	401.6	318.2	235.8	171.3	121.3
55°	1168.1	1072.4	967.8	808.8	673.0	550.7	445.0	347.1	255.9	182.4	130.2
52.5°	1319.4	1208.1	1075.7	893.3	740.9	604.1	485.0	372.7	274.8	194.7	137.9
50°	1488.5	1348.3	1170.3	971.2	799.9	654.1	525.1	400.5	290.4	208.0	144.6
47.5°	1664.2	1512.9	1254.9	1043.5	859.9	703.1	566.2	425.0	305.9	219.2	151.3
45°	1847.8	1627.5	1342.7	1108.0	912.2	747.6	597.4	447.2	324.8	229.2	156.9
42.5°	2029.1	1714.3	1419.5	1172.5	961.2	787.6	623.0	468.3	340.4	239.2	162.4
40°	2114.8	1779.9	1480.7	1217.0	1002.3	823.2	645.2	487.3	353.8	245.9	168.0
37.5°	2150.4	1820.0	1520.7	1259.3	1034.6	842.1	664.1	503.9	364.9	252.5	172.4
35°	2158.2	1834.4	1540.8	1288.2	1061.3	859.9	678.6	516.2	373.8	259.2	176.9
32.5°	2143.7	1830.0	1546.3	1298.2	1078.0	873.3	688.6	525.1	380.5	265.9	181.3
30°	2111.4	1806.6	1526.3	1297.1	1090.2	881.1	695.3	531.8	387.1	270.3	183.6
27.5°	2059.2	1765.5	1500.7	1298.2	1096.9	884.4	698.6	535.1	391.6	273.7	188.0
25°	1994.6	1709.8	1501.8	1296.0	1098.0	885.5	698.6	535.1	392.7	274.8	191.3
22.5°	1920.1	1709.8	1501.8	1292.7	1091.3	883.3	695.3	532.9	392.7	277.0	194.7
20°	1924.6	1711.0	1498.5	1286.0	1081.3	876.6	687.5	527.3	389.4	280.3	196.9
17.5°	1927.9	1708.7	1491.8	1277.1	1068.0	865.5	677.5	519.5	389.4	283.7	198.0
15°	1927.9	1702.1	1481.8	1263.8	1051.3	849.9	663.0	512.8	390.5	284.8	200.2
12.5°	1924.6	1689.8	1466.2	1246.0	1031.2	831.0	654.1	510.6	390.5	285.9	200.2
10°	1917.9	1673.1	1446.2	1223.7	1012.3	824.3	649.7	506.2	388.2	285.9	200.2
7.5°	1905.6	1653.1	1429.5	1210.4	1001.2	816.5	643.0	499.5	384.9	283.7	202.5
5°	1886.7	1642.0	1416.2	1194.8	985.6	811.0	638.6	493.9	382.7	283.7	200.2
2.5°	1862.3	1628.6	1400.6	1174.8	967.8	792.1	624.1	481.7	374.9	279.2	198.0
0°	1822.2	1601.9	1373.9	1146.9	943.4	773.2	609.6	469.5	367.1	274.8	195.8
-2.5°	1785.5	1566.3	1339.4	1118.0	920.0	756.5	598.5	462.8	363.8	273.7	194.7
-5°	1734.3	1517.4	1293.8	1080.2	888.9	739.8	587.4	455.0	360.4	271.4	194.7
-7.5°	1677.6	1466.2	1246.0	1041.3	857.7	710.9	566.2	442.8	352.6	267.0	193.6
-10°	1589.7	1389.5	1185.9	996.8	824.3	685.3	548.4	431.6	346.0	262.5	189.1
-12.5°	1496.3	1304.9	1116.9	942.3	786.5	658.6	528.4	419.4	338.2	258.1	186.9
-15°	1397.2	1218.1	1044.6	885.5	745.3	626.3	507.3	406.0	330.4	252.5	183.6
-17.5°	1293.8	1126.9	970.1	827.7	704.2	592.9	485.0	393.8	321.5	247.0	180.2
-20°	1184.8	1033.5	894.4	768.7	660.8	559.6	461.7	379.3	311.5	240.3	175.8



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CATALOG NUMBER: IFLD-S-SA2C-950-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1076.9	941.1	816.5	710.9	616.3	525.1	438.3	364.9	300.4	232.5	172.4
-25°	981.2	854.4	747.6	655.2	572.9	491.7	413.8	350.4	288.1	224.7	168.0
-27.5°	887.7	779.8	679.7	603.0	530.6	459.4	390.5	334.8	275.9	215.8	163.5
-30°	801.0	708.6	626.3	551.8	490.6	430.5	370.4	319.3	262.5	206.9	158.0
-32.5°	722.0	647.5	578.5	507.3	452.8	401.6	351.5	303.7	249.2	198.0	152.4
-35°	648.6	590.7	530.6	470.6	414.9	374.9	331.5	287.0	237.0	188.0	146.8
-37.5°	582.9	536.2	488.4	437.2	389.4	349.3	312.6	270.3	224.7	179.1	141.3
-40°	526.2	488.4	446.1	404.9	364.9	327.1	293.7	253.6	212.5	172.4	135.7
-42.5°	473.9	445.0	410.5	376.0	340.4	307.0	274.8	235.8	200.2	164.6	130.2
-45°	433.9	404.9	377.1	346.0	315.9	287.0	254.8	220.3	189.1	155.7	124.6
-47.5°	396.0	370.4	344.9	319.3	294.8	268.1	235.8	206.9	176.9	148.0	120.1
-50°	362.7	338.2	315.9	293.7	272.6	247.0	216.9	193.6	166.9	140.2	114.6
-52.5°	331.5	310.4	288.1	270.3	252.5	226.9	202.5	180.2	156.9	131.3	109.0
-55°	303.7	283.7	263.7	247.0	230.3	208.0	188.0	169.1	146.8	124.6	103.5
-57.5°	277.0	260.3	241.4	225.8	209.1	191.3	174.7	156.9	136.8	117.9	97.9
-60°	252.5	237.0	220.3	204.7	190.2	175.8	160.2	145.7	127.9	110.1	92.3
-62.5°	228.1	214.7	200.2	184.7	173.5	160.2	148.0	133.5	119.0	103.5	82.3
-65°	205.8	193.6	180.2	166.9	156.9	146.8	135.7	122.4	110.1	95.7	73.4
-67.5°	183.6	172.4	161.3	150.2	141.3	133.5	122.4	112.4	102.3	86.8	64.5
-70°	162.4	153.5	143.5	134.6	127.9	119.0	111.2	102.3	93.4	75.6	54.5
-72.5°	142.4	133.5	125.7	119.0	113.5	105.7	99.0	92.3	80.1	63.4	45.6
-75°	119.0	113.5	109.0	103.5	97.9	92.3	86.8	79.0	66.7	51.2	35.6
-77.5°	97.9	94.6	91.2	86.8	82.3	77.9	71.2	63.4	53.4	40.0	28.9
-80°	80.1	76.8	74.5	70.1	66.7	62.3	55.6	48.9	38.9	31.1	23.4
-82.5°	61.2	59.0	56.7	54.5	51.2	46.7	40.0	34.5	28.9	23.4	17.8
-85°	43.4	42.3	40.0	37.8	34.5	31.1	26.7	23.4	20.0	15.6	12.2
-87.5°	22.2	21.1	20.0	18.9	17.8	15.6	13.3	11.1	10.0	7.8	5.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P722338
 CATALOG NUMBER: IFLD-S-SA2C-950-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	4.4	3.3	1.1	0.0
85°	8.9	5.6	2.2	0.0
82.5°	13.3	8.9	3.3	0.0
80°	17.8	11.1	5.6	0.0
77.5°	22.2	13.3	6.7	0.0
75°	26.7	16.7	7.8	0.0
72.5°	30.0	18.9	8.9	0.0
70°	35.6	22.2	10.0	0.0
67.5°	44.5	24.5	11.1	0.0
65°	52.3	26.7	12.2	0.0
62.5°	61.2	28.9	13.3	0.0
60°	69.0	31.1	14.5	0.0
57.5°	76.8	36.7	15.6	0.0
55°	83.4	41.2	16.7	0.0
52.5°	91.2	45.6	17.8	0.0
50°	97.9	50.1	18.9	0.0
47.5°	103.5	54.5	18.9	0.0
45°	107.9	57.8	20.0	0.0
42.5°	111.2	61.2	21.1	0.0
40°	114.6	64.5	22.2	0.0
37.5°	117.9	67.9	22.2	0.0
35°	121.3	71.2	23.4	0.0
32.5°	124.6	74.5	23.4	0.0
30°	126.8	76.8	24.5	0.0
27.5°	130.2	79.0	24.5	0.0
25°	131.3	81.2	25.6	0.0
22.5°	133.5	82.3	25.6	0.0
20°	135.7	84.5	25.6	0.0
17.5°	136.8	85.7	26.7	0.0
15°	136.8	86.8	27.8	0.0
12.5°	137.9	87.9	27.8	0.0
10°	137.9	90.1	26.7	0.0
7.5°	140.2	89.0	26.7	0.0
5°	139.1	89.0	26.7	0.0
2.5°	137.9	87.9	26.7	0.0
0°	136.8	87.9	26.7	0.0
-2.5°	136.8	87.9	26.7	0.0
-5°	136.8	87.9	26.7	0.0
-7.5°	135.7	89.0	26.7	0.0
-10°	133.5	89.0	26.7	0.0
-12.5°	132.4	85.7	26.7	0.0
-15°	131.3	84.5	26.7	0.0
-17.5°	129.0	83.4	25.6	0.0
-20°	126.8	82.3	25.6	0.0



REPORT NUMBER: P722338

CATALOG NUMBER: IFLD-S-SA2C-950-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	124.6	80.1	25.6	0.0
-25°	122.4	77.9	24.5	0.0
-27.5°	120.1	75.6	24.5	0.0
-30°	116.8	73.4	23.4	0.0
-32.5°	113.5	71.2	23.4	0.0
-35°	111.2	67.9	22.2	0.0
-37.5°	107.9	64.5	22.2	0.0
-40°	104.6	61.2	21.1	0.0
-42.5°	101.2	57.8	20.0	0.0
-45°	96.8	54.5	20.0	0.0
-47.5°	93.4	51.2	18.9	0.0
-50°	87.9	46.7	17.8	0.0
-52.5°	81.2	42.3	16.7	0.0
-55°	74.5	38.9	15.6	0.0
-57.5°	67.9	34.5	15.6	0.0
-60°	61.2	30.0	14.5	0.0
-62.5°	54.5	27.8	13.3	0.0
-65°	47.8	25.6	12.2	0.0
-67.5°	40.0	22.2	11.1	0.0
-70°	33.4	20.0	10.0	0.0
-72.5°	28.9	17.8	8.9	0.0
-75°	24.5	15.6	7.8	0.0
-77.5°	21.1	13.3	6.7	0.0
-80°	16.7	10.0	4.4	0.0
-82.5°	12.2	7.8	3.3	0.0
-85°	7.8	5.6	2.2	0.0
-87.5°	4.4	2.2	1.1	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)