

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: P722019

Luminaire Tested: **IFLD-S-SA2C-730-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722019
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2C-730-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (32) 3000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

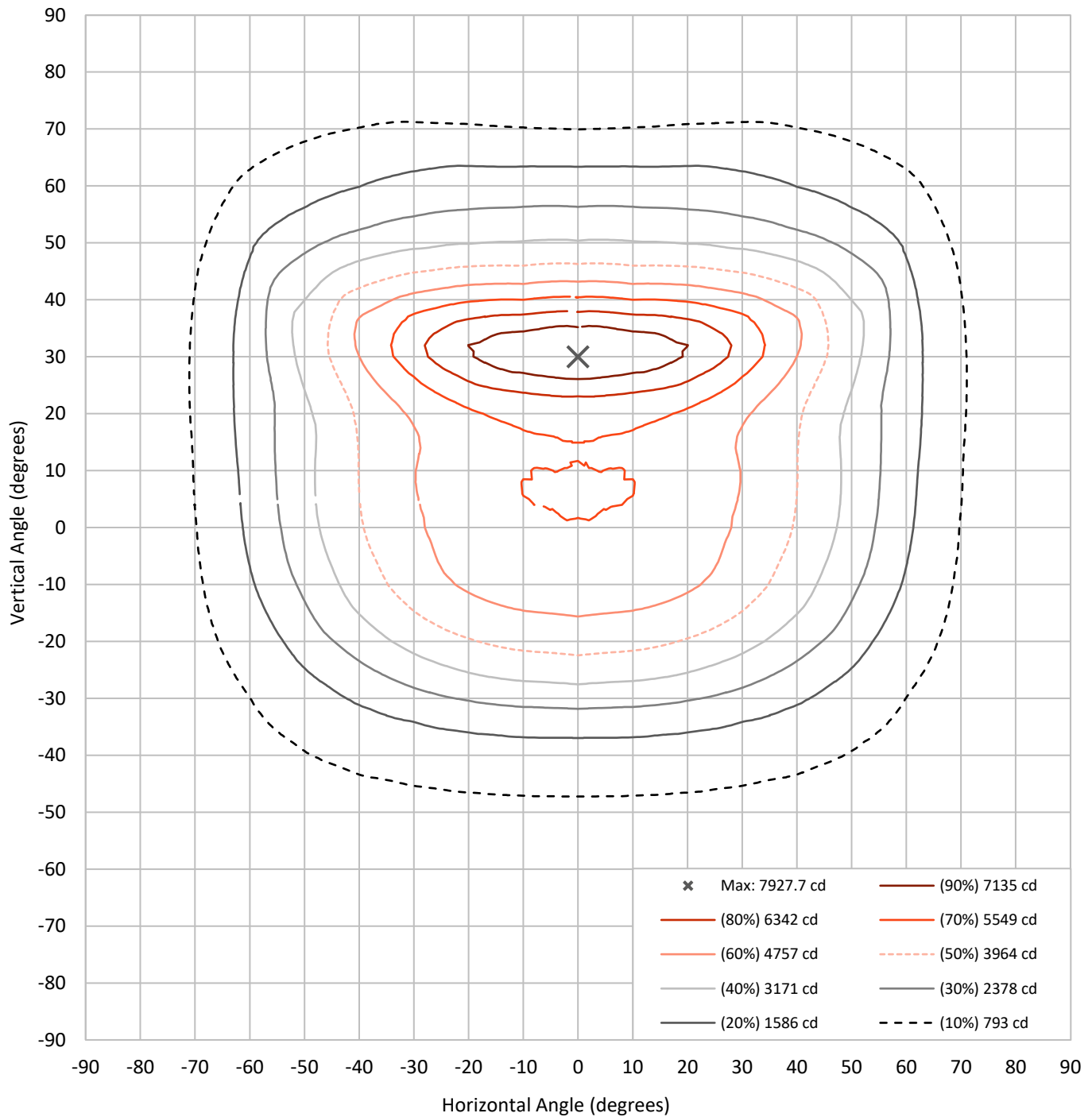
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	13233.3 lumens	Max Intensity:	7927.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	122.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	7695.3 lumens	Field Lumens:	12401.3 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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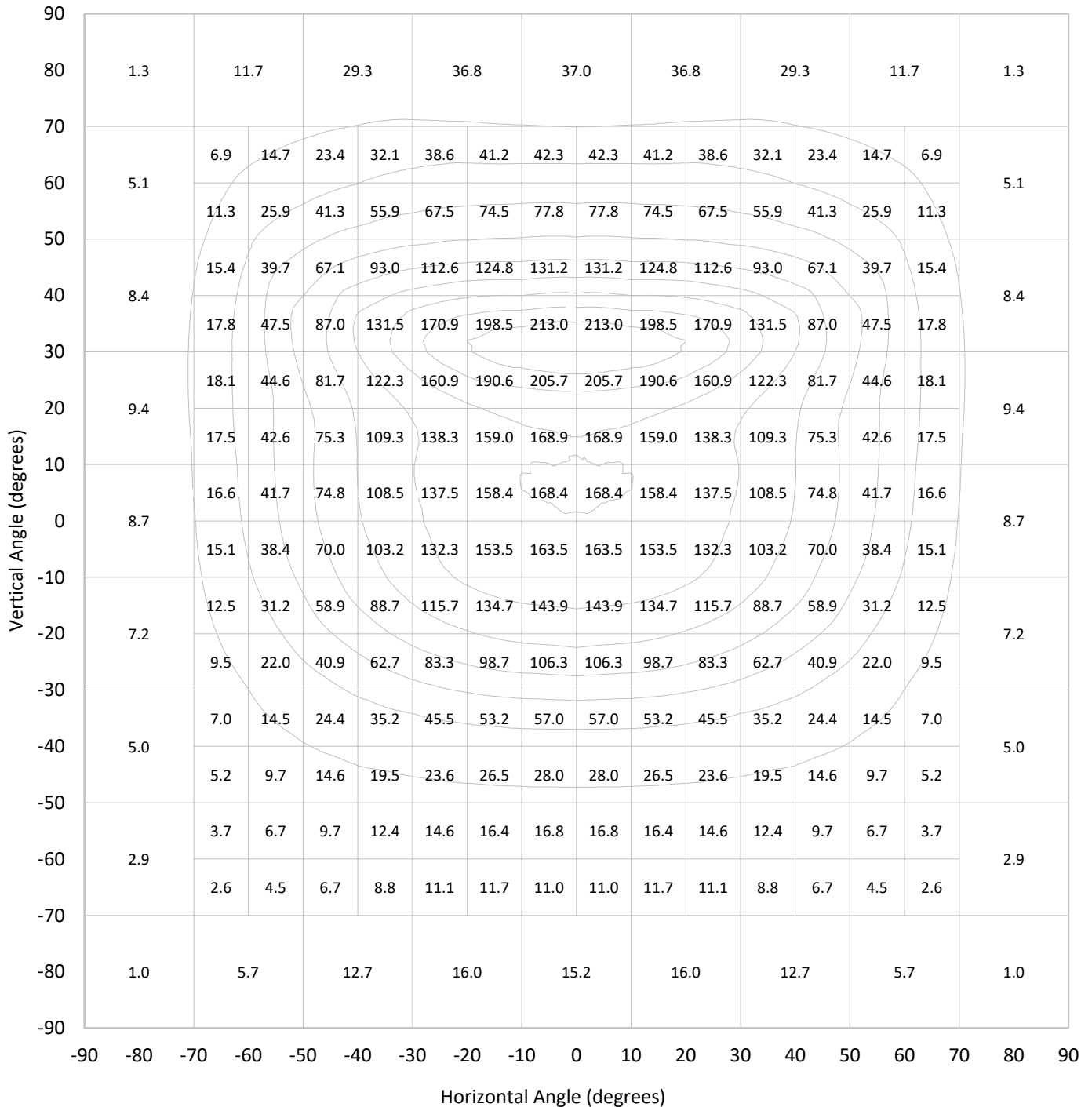
Iso-Candela Plot





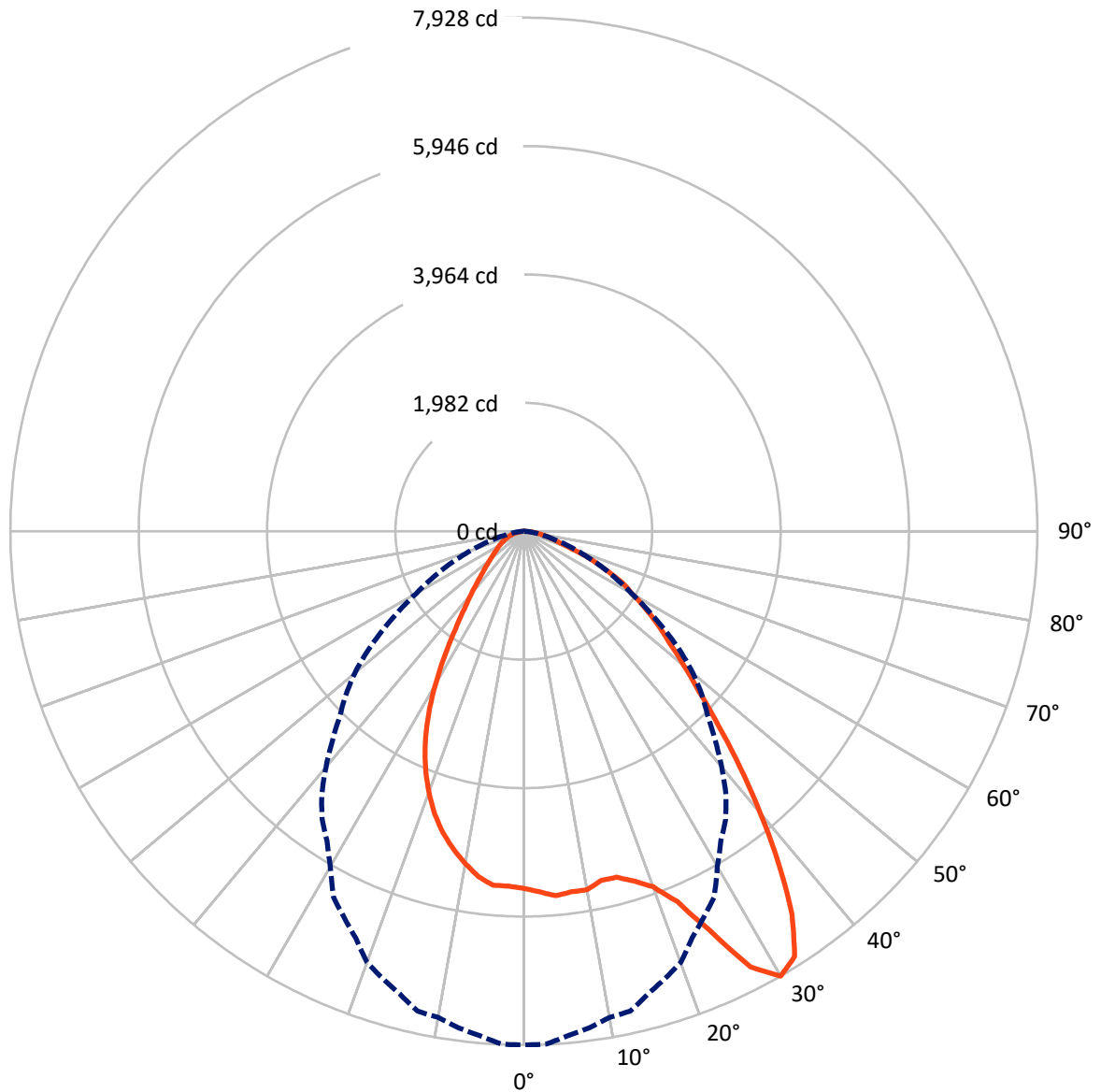
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Lumen Table



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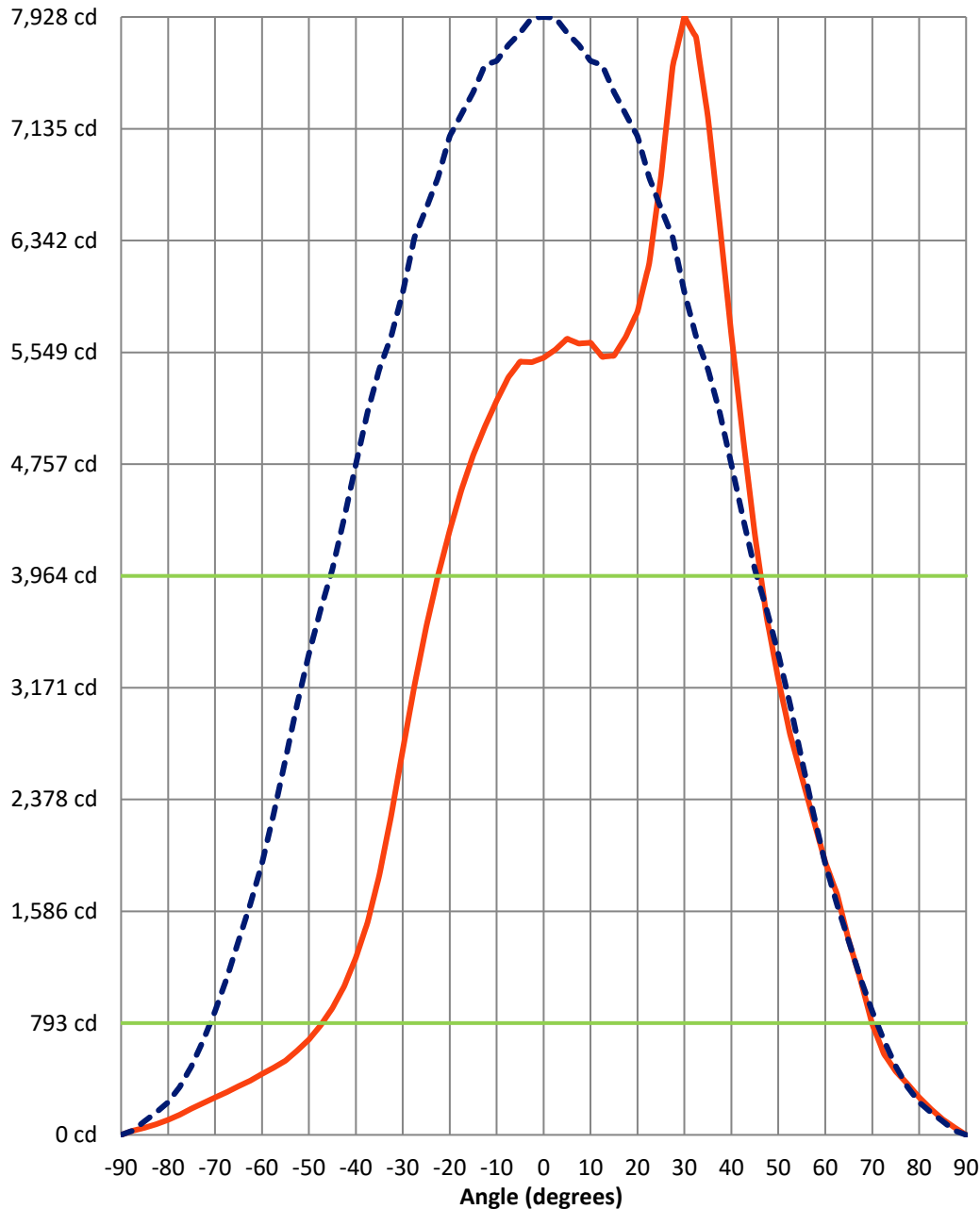
Luminous Intensity Polar Plot



— 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: 7695.3
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 12401.3
 Efficiency: 93.7%

Spill:
 Lumens: 832
 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°	53.3	54.7	56.1	56.1	54.7	54.7	54.7	53.3	54.7	54.7	54.7
85°	110.7	113.6	116.4	115.0	113.6	110.7	107.9	109.3	110.7	112.2	112.2
82.5°	183.6	187.9	190.7	189.3	186.5	183.6	180.8	182.2	185.0	186.5	186.5
80°	266.4	267.8	269.2	272.0	267.8	267.8	266.4	272.0	274.8	277.6	280.4
77.5°	361.7	363.1	363.1	364.5	365.9	367.3	367.3	377.1	384.1	388.3	392.5
75°	451.4	455.6	459.8	464.0	469.6	472.4	476.6	490.7	501.9	510.3	518.7
72.5°	574.8	580.4	587.4	597.2	607.0	614.0	623.8	640.7	653.3	661.7	671.5
70°	786.5	792.1	799.1	806.1	815.9	822.9	832.7	853.8	866.4	872.0	877.6
67.5°	1100.5	1114.5	1127.1	1113.1	1106.1	1096.3	1099.1	1118.7	1131.3	1139.7	1138.3
65°	1379.5	1389.3	1389.3	1387.9	1382.3	1369.6	1376.7	1400.5	1414.5	1421.5	1400.5
62.5°	1707.5	1707.5	1700.5	1711.7	1713.1	1704.7	1700.5	1701.9	1703.3	1707.5	1672.5
60°	1934.6	1948.6	1952.8	1962.6	1965.4	1965.4	1972.5	1978.1	1978.1	1969.7	1929.0
57.5°	2234.6	2261.2	2266.9	2259.8	2245.8	2227.6	2224.8	2216.4	2199.6	2182.7	2163.1
55°	2537.4	2551.4	2550.0	2545.8	2531.8	2510.8	2513.6	2502.4	2475.7	2454.7	2428.1
52.5°	2841.6	2875.3	2880.9	2872.5	2852.8	2830.4	2831.8	2819.2	2792.6	2770.1	2733.7
50°	3230.0	3258.0	3255.2	3241.2	3213.1	3196.3	3197.7	3173.9	3143.0	3136.0	3088.4
47.5°	3674.3	3706.6	3701.0	3681.4	3643.5	3636.5	3643.5	3612.7	3594.4	3579.0	3522.9
45°	4257.5	4295.4	4274.4	4236.5	4176.2	4183.2	4193.0	4187.4	4148.2	4107.5	4036.0
42.5°	4941.7	4965.5	4940.3	4902.4	4826.7	4840.7	4835.1	4801.5	4777.6	4710.3	4619.2
40°	5673.4	5725.3	5686.1	5627.2	5548.7	5569.7	5554.3	5510.8	5454.7	5370.6	5255.7
37.5°	6462.7	6503.4	6458.5	6389.8	6319.7	6312.7	6281.9	6214.6	6134.7	6042.1	5858.5
35°	7218.3	7323.5	7240.8	7131.4	7045.9	7013.6	6984.2	6828.6	6737.5	6587.5	6336.5
32.5°	7780.5	7857.6	7755.2	7641.7	7538.0	7493.1	7389.4	7204.3	7155.2	6839.8	6609.9
30°	7927.7	7922.1	7815.5	7728.6	7616.5	7585.6	7395.0	7237.9	7080.9	6789.3	6570.7
27.5°	7577.2	7542.2	7439.8	7364.1	7253.4	7216.9	7029.1	6945.0	6702.4	6455.7	6270.6
25°	6796.4	6814.6	6737.5	6699.6	6626.7	6548.2	6473.9	6360.4	6209.0	5993.1	5823.4
22.5°	6180.9	6204.8	6172.5	6127.7	6071.6	6028.1	5972.0	5883.7	5737.9	5604.7	5444.9
20°	5838.9	5831.9	5803.8	5770.2	5716.9	5686.1	5624.4	5550.1	5437.9	5323.0	5150.5
17.5°	5659.4	5616.0	5589.3	5576.7	5548.7	5509.4	5436.5	5360.8	5273.9	5143.5	5017.4
15°	5526.2	5533.3	5512.2	5502.4	5480.0	5425.3	5351.0	5289.3	5171.6	5105.7	4990.7
12.5°	5517.8	5510.8	5512.2	5508.0	5480.0	5409.9	5372.0	5293.5	5217.8	5130.9	4999.1
10°	5617.4	5543.1	5548.7	5568.3	5523.4	5467.4	5426.7	5341.2	5269.7	5158.9	5028.6
7.5°	5611.8	5573.9	5585.1	5552.9	5566.9	5498.2	5442.1	5356.6	5266.9	5149.1	5031.4
5°	5645.4	5587.9	5578.1	5580.9	5545.9	5494.0	5418.3	5337.0	5252.9	5121.1	5000.5
2.5°	5568.3	5576.7	5531.9	5515.0	5510.8	5423.9	5353.8	5275.3	5188.4	5072.0	4964.1
0°	5510.8	5526.2	5480.0	5456.1	5454.7	5380.4	5335.6	5245.9	5184.2	5087.5	4957.1
-2.5°	5480.0	5498.2	5503.8	5460.4	5418.3	5360.8	5285.1	5188.4	5087.5	4975.3	4863.2
-5°	5482.8	5446.3	5430.9	5444.9	5408.5	5351.0	5266.9	5181.4	5081.8	4961.3	4821.1
-7.5°	5372.0	5335.6	5332.8	5325.8	5317.4	5262.7	5192.6	5100.1	4999.1	4887.0	4756.6
-10°	5206.6	5180.0	5173.0	5166.0	5143.5	5111.3	5045.4	4961.3	4870.2	4758.0	4619.2
-12.5°	5023.0	5010.3	4983.7	4965.5	4943.1	4905.2	4842.1	4765.0	4673.9	4574.4	4455.2
-15°	4819.7	4795.9	4769.2	4753.8	4721.6	4676.7	4613.6	4542.1	4442.6	4344.5	4232.3
-17.5°	4574.4	4544.9	4515.5	4511.3	4488.8	4420.2	4361.3	4274.4	4187.4	4093.5	3984.2
-20°	4285.6	4244.9	4225.3	4214.1	4183.2	4132.8	4069.7	3989.8	3905.7	3815.9	3689.8



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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°	3965.9	3930.9	3897.2	3876.2	3849.6	3810.3	3750.1	3680.0	3597.2	3496.3	3380.0
-25°	3602.9	3553.8	3532.8	3508.9	3494.9	3458.5	3399.6	3335.1	3249.6	3151.4	3040.7
-27.5°	3187.9	3148.6	3137.4	3103.8	3087.0	3049.1	3000.0	2939.8	2861.3	2768.7	2677.6
-30°	2729.5	2705.6	2687.4	2653.8	2641.2	2600.5	2568.3	2517.8	2446.3	2380.4	2307.5
-32.5°	2258.4	2234.6	2229.0	2213.6	2205.2	2178.5	2142.1	2105.6	2048.2	1999.1	1940.2
-35°	1840.7	1823.9	1825.3	1823.9	1815.4	1795.8	1751.0	1741.1	1699.1	1654.2	1616.4
-37.5°	1507.0	1508.4	1507.0	1505.6	1494.4	1486.0	1453.8	1441.1	1415.9	1372.4	1350.0
-40°	1256.1	1258.9	1257.5	1254.7	1242.1	1237.9	1216.8	1200.0	1190.2	1159.4	1135.5
-42.5°	1052.8	1057.0	1055.6	1054.2	1045.8	1044.4	1033.2	1013.6	1008.0	989.7	964.5
-45°	898.6	897.2	894.4	897.2	893.0	888.8	881.8	869.2	862.2	853.8	832.7
-47.5°	776.6	778.0	775.2	775.2	769.6	765.4	762.6	754.2	748.6	741.6	729.0
-50°	675.7	681.3	679.9	678.5	674.3	671.5	671.5	663.1	654.7	651.9	643.5
-52.5°	597.2	601.4	602.8	605.6	607.0	608.4	604.2	595.8	581.8	580.4	576.2
-55°	525.7	538.3	546.7	552.3	558.0	562.2	553.7	542.5	528.5	522.9	521.5
-57.5°	476.6	489.3	499.1	507.5	514.5	521.5	513.1	501.9	489.3	482.2	480.8
-60°	431.8	443.0	452.8	464.0	473.8	485.1	480.8	472.4	465.4	459.8	454.2
-62.5°	384.1	395.3	406.5	420.6	433.2	444.4	445.8	444.4	443.0	444.4	434.6
-65°	344.9	350.5	357.5	372.9	386.9	399.5	406.5	410.8	417.8	424.8	415.0
-67.5°	302.8	309.8	318.2	329.4	340.7	349.1	358.9	370.1	381.3	392.5	385.5
-70°	265.0	270.6	277.6	283.2	290.2	295.8	304.2	316.8	329.4	340.7	337.9
-72.5°	225.7	231.3	235.5	238.3	242.5	245.3	249.5	260.8	269.2	274.8	274.8
-75°	186.5	192.1	196.3	197.7	200.5	201.9	204.7	208.9	213.1	214.5	215.9
-77.5°	143.0	148.6	152.8	155.6	158.4	161.2	162.6	165.4	166.8	166.8	168.2
-80°	106.5	110.7	113.6	117.8	119.2	122.0	124.8	126.2	127.6	127.6	129.0
-82.5°	75.7	78.5	81.3	84.1	86.9	88.3	91.1	92.5	93.9	95.3	96.7
-85°	50.5	53.3	56.1	58.9	60.3	61.7	63.1	64.5	65.9	67.3	68.7
-87.5°	29.4	30.8	32.2	35.0	36.4	39.3	40.7	39.3	40.7	40.7	40.7
-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):

	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°	54.7	54.7	54.7	54.7	53.3	50.5	49.1	46.3	43.5	40.7	37.9
85°	113.6	115.0	115.0	115.0	112.2	110.7	106.5	102.3	96.7	88.3	81.3
82.5°	189.3	190.7	190.7	189.3	186.5	182.2	176.6	169.6	158.4	147.2	137.4
80°	284.6	286.0	286.0	284.6	277.6	270.6	263.6	255.1	241.1	225.7	208.9
77.5°	398.1	400.9	400.9	396.7	386.9	378.5	367.3	353.3	332.2	309.8	287.4
75°	529.9	536.9	538.3	534.1	521.5	506.1	487.9	464.0	431.8	403.7	377.1
72.5°	682.7	689.7	695.3	689.7	671.5	650.5	623.8	595.8	563.6	525.7	480.8
70°	883.2	890.2	894.4	876.2	843.9	808.9	776.6	744.4	706.6	660.3	611.2
67.5°	1135.5	1128.5	1120.1	1083.7	1043.0	1000.9	956.1	908.4	859.4	810.3	752.8
65°	1378.1	1358.4	1340.2	1296.7	1244.9	1190.2	1138.3	1085.1	1026.2	964.5	909.8
62.5°	1633.2	1591.1	1546.3	1493.0	1439.7	1379.5	1327.6	1264.5	1198.6	1122.9	1052.8
60°	1884.1	1833.7	1788.8	1722.9	1652.8	1571.5	1515.4	1453.8	1376.7	1295.3	1212.6
57.5°	2126.7	2072.0	2022.9	1965.4	1889.7	1801.4	1739.7	1659.8	1578.5	1476.2	1392.1
55°	2384.6	2329.9	2290.7	2226.2	2143.5	2062.2	1994.9	1910.8	1797.2	1687.9	1584.1
52.5°	2680.4	2637.0	2594.9	2529.0	2429.5	2346.8	2272.5	2178.5	2059.4	1924.8	1800.0
50°	3011.3	2988.8	2944.0	2866.9	2753.3	2680.4	2582.3	2457.5	2329.9	2188.3	2032.7
47.5°	3450.0	3413.6	3350.5	3266.4	3171.1	3061.7	2929.9	2784.2	2603.3	2446.3	2280.9
45°	3974.4	3907.1	3825.8	3712.2	3594.4	3471.1	3326.7	3141.6	2899.1	2694.4	2520.6
42.5°	4542.1	4451.0	4340.2	4191.6	4038.8	3887.4	3731.8	3479.5	3176.7	2941.2	2744.9
40°	5135.1	5018.8	4880.0	4664.1	4494.5	4299.6	4121.6	3744.4	3422.0	3166.9	2958.0
37.5°	5715.5	5568.3	5335.6	5073.4	4875.8	4716.0	4324.8	3921.1	3632.3	3351.9	3140.2
35°	6159.9	6035.1	5624.4	5352.4	5182.8	4930.4	4441.2	4027.6	3722.0	3489.3	3159.9
32.5°	6423.5	6101.0	5740.7	5466.0	5325.8	4912.2	4449.6	4058.5	3764.1	3503.3	3109.4
30°	6364.6	5974.8	5659.4	5429.5	5125.3	4753.8	4371.1	4010.8	3724.8	3409.4	3053.3
27.5°	6009.9	5708.5	5426.7	5187.0	4888.4	4554.7	4201.5	3884.6	3618.3	3312.7	2976.2
25°	5609.0	5335.6	5126.7	4917.8	4634.6	4316.4	4005.2	3776.7	3508.9	3207.5	2875.3
22.5°	5240.3	5044.0	4880.0	4661.3	4385.1	4107.5	3914.1	3677.2	3402.4	3096.8	2771.5
20°	5004.7	4871.6	4683.7	4442.6	4225.3	4051.5	3837.0	3586.0	3302.8	2983.2	2683.2
17.5°	4891.2	4737.0	4528.1	4371.1	4204.3	4013.6	3773.9	3507.5	3206.1	2931.3	2693.0
15°	4832.3	4669.7	4532.3	4378.1	4190.2	3989.8	3723.4	3447.2	3206.1	2952.4	2700.0
12.5°	4844.9	4704.7	4554.7	4386.5	4184.6	3970.1	3729.0	3472.5	3222.9	2967.8	2701.4
10°	4884.2	4737.0	4577.2	4390.7	4187.4	3975.8	3744.4	3487.9	3231.4	2974.8	2698.6
7.5°	4898.2	4738.4	4567.4	4379.5	4180.4	3973.0	3747.2	3492.1	3232.8	2973.4	2690.2
5°	4854.7	4710.3	4544.9	4355.7	4160.8	3958.9	3736.0	3486.5	3221.5	2959.4	2669.2
2.5°	4795.9	4679.5	4521.1	4338.8	4141.2	3939.3	3717.8	3461.3	3196.3	2934.2	2642.6
0°	4786.0	4641.7	4481.8	4319.2	4108.9	3895.8	3675.8	3413.6	3150.0	2886.5	2596.3
-2.5°	4721.6	4568.8	4408.9	4232.3	4047.3	3832.8	3601.5	3344.9	3084.2	2824.8	2545.8
-5°	4672.5	4502.9	4333.2	4142.6	3956.1	3741.6	3501.9	3252.4	2997.2	2744.9	2475.7
-7.5°	4606.6	4432.8	4254.7	4055.7	3853.8	3635.1	3398.2	3148.6	2897.7	2646.8	2388.8
-10°	4473.4	4320.6	4153.8	3947.7	3734.6	3515.9	3280.4	3035.1	2784.2	2530.4	2271.1
-12.5°	4312.2	4151.0	3968.7	3779.5	3588.8	3385.6	3150.0	2908.9	2656.6	2401.4	2143.5
-15°	4103.3	3944.9	3758.5	3573.4	3389.8	3194.9	2987.4	2770.1	2513.6	2262.6	2004.7
-17.5°	3842.6	3694.0	3527.2	3350.5	3168.3	2972.0	2770.1	2586.5	2346.8	2111.2	1856.1
-20°	3562.2	3423.4	3273.4	3106.6	2924.3	2732.3	2541.6	2349.6	2142.1	1934.6	1697.7



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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°	3270.6	3130.4	2979.0	2823.4	2655.2	2477.1	2300.5	2116.9	1934.6	1746.8	1546.3
-25°	2934.2	2810.8	2672.0	2520.6	2370.6	2215.0	2046.8	1879.9	1724.3	1561.7	1397.7
-27.5°	2582.3	2468.7	2342.6	2210.8	2081.8	1951.4	1805.6	1651.4	1522.5	1387.9	1251.9
-30°	2212.2	2121.1	2018.7	1903.8	1804.2	1699.1	1577.1	1449.6	1331.8	1229.5	1120.1
-32.5°	1861.7	1784.6	1711.7	1636.0	1537.9	1456.6	1372.4	1278.5	1174.8	1078.1	999.5
-35°	1560.3	1477.6	1446.7	1390.7	1320.6	1249.1	1187.4	1120.1	1041.6	956.1	891.6
-37.5°	1306.6	1257.5	1214.0	1183.2	1136.9	1079.5	1030.4	981.3	921.0	856.6	792.1
-40°	1108.9	1075.2	1027.6	1012.2	982.7	943.5	893.0	855.2	814.5	765.4	710.8
-42.5°	950.5	925.2	894.4	867.8	855.2	827.1	787.9	751.4	719.2	685.5	643.5
-45°	820.1	803.3	783.7	759.8	750.0	727.6	699.5	658.9	640.7	612.6	581.8
-47.5°	715.0	706.6	692.5	677.1	663.1	646.3	621.0	595.8	570.6	552.3	528.5
-50°	632.3	626.6	618.2	605.6	587.4	576.2	559.4	536.9	513.1	497.7	480.8
-52.5°	566.4	560.8	555.1	545.3	531.3	520.1	506.1	487.9	468.2	452.8	438.8
-55°	515.9	507.5	503.3	494.9	483.7	471.0	458.4	445.8	429.0	415.0	400.9
-57.5°	476.6	465.4	459.8	452.8	441.6	429.0	419.2	406.5	395.3	379.9	367.3
-60°	445.8	433.2	422.0	415.0	405.1	392.5	382.7	372.9	361.7	349.1	333.6
-62.5°	420.6	405.1	389.7	381.3	371.5	360.3	350.5	340.7	329.4	316.8	302.8
-65°	396.7	378.5	358.9	350.5	340.7	329.4	316.8	309.8	300.0	288.8	274.8
-67.5°	367.3	347.7	330.8	321.0	311.2	301.4	290.2	283.2	273.4	259.3	245.3
-70°	323.8	311.2	300.0	291.6	283.2	274.8	263.6	252.3	241.1	228.5	215.9
-72.5°	269.2	265.0	263.6	259.3	249.5	239.7	228.5	217.3	207.5	197.7	187.9
-75°	217.3	220.1	222.9	221.5	211.7	201.9	192.1	182.2	175.2	166.8	158.4
-77.5°	172.4	175.2	178.0	178.0	171.0	165.4	158.4	151.4	145.8	138.8	130.4
-80°	133.2	137.4	141.6	144.4	138.8	134.6	129.0	123.4	117.8	112.2	106.5
-82.5°	100.9	105.1	109.3	112.2	107.9	105.1	100.9	96.7	92.5	86.9	82.7
-85°	72.9	75.7	78.5	79.9	77.1	74.3	71.5	68.7	65.9	61.7	58.9
-87.5°	42.1	43.5	44.9	46.3	43.5	40.7	39.3	36.4	35.0	32.2	30.8
-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°	35.0	32.2	29.4	28.0	25.2	21.0	18.2	15.4	12.6	9.8	8.4
85°	74.3	67.3	58.9	54.7	49.1	43.5	37.9	32.2	26.6	21.0	15.4
82.5°	127.6	119.2	110.7	100.9	88.3	72.9	57.5	47.7	39.3	30.8	23.8
80°	192.1	176.6	162.6	150.0	136.0	116.4	95.3	75.7	53.3	40.7	30.8
77.5°	266.4	248.1	228.5	207.5	185.0	158.4	134.6	109.3	82.7	56.1	39.3
75°	350.5	326.6	300.0	270.6	241.1	206.1	172.4	143.0	112.2	78.5	47.7
72.5°	444.4	415.0	382.7	343.5	297.2	256.5	215.9	176.6	140.2	99.5	64.5
70°	565.0	518.7	471.0	429.0	370.1	305.6	257.9	213.1	166.8	122.0	81.3
67.5°	693.9	637.9	580.4	518.7	444.4	368.7	300.0	249.5	194.9	143.0	96.7
65°	834.1	764.0	691.1	622.4	520.1	430.4	353.3	284.6	221.5	162.6	112.2
62.5°	978.5	895.8	811.7	722.0	604.2	493.5	403.7	323.8	246.7	180.8	126.2
60°	1132.7	1036.0	933.7	821.5	684.1	562.2	451.4	364.5	273.4	199.1	141.6
57.5°	1295.3	1190.2	1069.6	918.2	766.8	628.0	506.1	400.9	297.2	215.9	152.8
55°	1472.0	1351.4	1219.6	1019.2	848.1	693.9	560.8	437.4	322.4	229.9	164.0
52.5°	1662.6	1522.5	1355.6	1125.7	933.7	761.2	611.2	469.6	346.3	245.3	173.8
50°	1875.7	1699.1	1474.8	1223.8	1008.0	824.3	661.7	504.7	365.9	262.2	182.2
47.5°	2097.2	1906.6	1581.3	1315.0	1083.7	886.0	713.6	535.5	385.5	276.2	190.7
45°	2328.5	2051.0	1692.1	1396.3	1149.5	942.1	752.8	563.6	409.4	288.8	197.7
42.5°	2557.0	2160.3	1788.8	1477.6	1211.2	992.5	785.1	590.2	429.0	301.4	204.7
40°	2665.0	2243.0	1865.9	1533.7	1263.1	1037.4	813.1	614.0	445.8	309.8	211.7
37.5°	2709.9	2293.5	1916.4	1586.9	1303.8	1061.2	836.9	635.1	459.8	318.2	217.3
35°	2719.7	2311.7	1941.6	1623.4	1337.4	1083.7	855.2	650.5	471.0	326.6	222.9
32.5°	2701.4	2306.1	1948.6	1636.0	1358.4	1100.5	867.8	661.7	479.4	335.1	228.5
30°	2660.8	2276.7	1923.4	1634.6	1373.9	1110.3	876.2	670.1	487.9	340.7	231.3
27.5°	2594.9	2224.8	1891.1	1636.0	1382.3	1114.5	880.4	674.3	493.5	344.9	236.9
25°	2513.6	2154.7	1892.5	1633.2	1383.7	1115.9	880.4	674.3	494.9	346.3	241.1
22.5°	2419.7	2154.7	1892.5	1629.0	1375.3	1113.1	876.2	671.5	494.9	349.1	245.3
20°	2425.3	2156.1	1888.3	1620.6	1362.6	1104.7	866.4	664.5	490.7	353.3	248.1
17.5°	2429.5	2153.3	1879.9	1609.4	1345.8	1090.7	853.8	654.7	490.7	357.5	249.5
15°	2429.5	2144.9	1867.3	1592.5	1324.8	1071.0	835.5	646.3	492.1	358.9	252.3
12.5°	2425.3	2129.5	1847.7	1570.1	1299.6	1047.2	824.3	643.5	492.1	360.3	252.3
10°	2416.9	2108.4	1822.5	1542.1	1275.7	1038.8	818.7	637.9	489.3	360.3	252.3
7.5°	2401.4	2083.2	1801.4	1525.3	1261.7	1029.0	810.3	629.4	485.1	357.5	255.1
5°	2377.6	2069.2	1784.6	1505.6	1242.1	1022.0	804.7	622.4	482.2	357.5	252.3
2.5°	2346.8	2052.4	1765.0	1480.4	1219.6	998.1	786.5	607.0	472.4	351.9	249.5
0°	2296.3	2018.7	1731.3	1445.3	1188.8	974.3	768.2	591.6	462.6	346.3	246.7
-2.5°	2250.0	1973.9	1687.9	1408.9	1159.4	953.3	754.2	583.2	458.4	344.9	245.3
-5°	2185.5	1912.2	1630.4	1361.2	1120.1	932.3	740.2	573.4	454.2	342.1	245.3
-7.5°	2114.0	1847.7	1570.1	1312.2	1080.9	895.8	713.6	558.0	444.4	336.5	243.9
-10°	2003.3	1751.0	1494.4	1256.1	1038.8	863.6	691.1	543.9	436.0	330.8	238.3
-12.5°	1885.5	1644.4	1407.5	1187.4	991.1	829.9	665.9	528.5	426.2	325.2	235.5
-15°	1760.8	1535.1	1316.4	1115.9	939.3	789.3	639.3	511.7	416.4	318.2	231.3
-17.5°	1630.4	1420.1	1222.4	1043.0	887.4	747.2	611.2	496.3	405.1	311.2	227.1
-20°	1493.0	1302.4	1127.1	968.7	832.7	705.1	581.8	478.0	392.5	302.8	221.5



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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°	1357.0	1186.0	1029.0	895.8	776.6	661.7	552.3	459.8	378.5	293.0	217.3
-25°	1236.5	1076.7	942.1	825.7	722.0	619.6	521.5	441.6	363.1	283.2	211.7
-27.5°	1118.7	982.7	856.6	759.8	668.7	579.0	492.1	422.0	347.7	272.0	206.1
-30°	1009.4	893.0	789.3	695.3	618.2	542.5	466.8	402.3	330.8	260.8	199.1
-32.5°	909.8	815.9	729.0	639.3	570.6	506.1	443.0	382.7	314.0	249.5	192.1
-35°	817.3	744.4	668.7	593.0	522.9	472.4	417.8	361.7	298.6	236.9	185.0
-37.5°	734.6	675.7	615.4	550.9	490.7	440.2	393.9	340.7	283.2	225.7	178.0
-40°	663.1	615.4	562.2	510.3	459.8	412.2	370.1	319.6	267.8	217.3	171.0
-42.5°	597.2	560.8	517.3	473.8	429.0	386.9	346.3	297.2	252.3	207.5	164.0
-45°	546.7	510.3	475.2	436.0	398.1	361.7	321.0	277.6	238.3	196.3	157.0
-47.5°	499.1	466.8	434.6	402.3	371.5	337.9	297.2	260.8	222.9	186.5	151.4
-50°	457.0	426.2	398.1	370.1	343.5	311.2	273.4	243.9	210.3	176.6	144.4
-52.5°	417.8	391.1	363.1	340.7	318.2	286.0	255.1	227.1	197.7	165.4	137.4
-55°	382.7	357.5	332.2	311.2	290.2	262.2	236.9	213.1	185.0	157.0	130.4
-57.5°	349.1	328.0	304.2	284.6	263.6	241.1	220.1	197.7	172.4	148.6	123.4
-60°	318.2	298.6	277.6	257.9	239.7	221.5	201.9	183.6	161.2	138.8	116.4
-62.5°	287.4	270.6	252.3	232.7	218.7	201.9	186.5	168.2	150.0	130.4	103.7
-65°	259.3	243.9	227.1	210.3	197.7	185.0	171.0	154.2	138.8	120.6	92.5
-67.5°	231.3	217.3	203.3	189.3	178.0	168.2	154.2	141.6	129.0	109.3	81.3
-70°	204.7	193.5	180.8	169.6	161.2	150.0	140.2	129.0	117.8	95.3	68.7
-72.5°	179.4	168.2	158.4	150.0	143.0	133.2	124.8	116.4	100.9	79.9	57.5
-75°	150.0	143.0	137.4	130.4	123.4	116.4	109.3	99.5	84.1	64.5	44.9
-77.5°	123.4	119.2	115.0	109.3	103.7	98.1	89.7	79.9	67.3	50.5	36.4
-80°	100.9	96.7	93.9	88.3	84.1	78.5	70.1	61.7	49.1	39.3	29.4
-82.5°	77.1	74.3	71.5	68.7	64.5	58.9	50.5	43.5	36.4	29.4	22.4
-85°	54.7	53.3	50.5	47.7	43.5	39.3	33.6	29.4	25.2	19.6	15.4
-87.5°	28.0	26.6	25.2	23.8	22.4	19.6	16.8	14.0	12.6	9.8	7.0
-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):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	5.6	4.2	1.4	0.0
85°	11.2	7.0	2.8	0.0
82.5°	16.8	11.2	4.2	0.0
80°	22.4	14.0	7.0	0.0
77.5°	28.0	16.8	8.4	0.0
75°	33.6	21.0	9.8	0.0
72.5°	37.9	23.8	11.2	0.0
70°	44.9	28.0	12.6	0.0
67.5°	56.1	30.8	14.0	0.0
65°	65.9	33.6	15.4	0.0
62.5°	77.1	36.4	16.8	0.0
60°	86.9	39.3	18.2	0.0
57.5°	96.7	46.3	19.6	0.0
55°	105.1	51.9	21.0	0.0
52.5°	115.0	57.5	22.4	0.0
50°	123.4	63.1	23.8	0.0
47.5°	130.4	68.7	23.8	0.0
45°	136.0	72.9	25.2	0.0
42.5°	140.2	77.1	26.6	0.0
40°	144.4	81.3	28.0	0.0
37.5°	148.6	85.5	28.0	0.0
35°	152.8	89.7	29.4	0.0
32.5°	157.0	93.9	29.4	0.0
30°	159.8	96.7	30.8	0.0
27.5°	164.0	99.5	30.8	0.0
25°	165.4	102.3	32.2	0.0
22.5°	168.2	103.7	32.2	0.0
20°	171.0	106.5	32.2	0.0
17.5°	172.4	107.9	33.6	0.0
15°	172.4	109.3	35.0	0.0
12.5°	173.8	110.7	35.0	0.0
10°	173.8	113.6	33.6	0.0
7.5°	176.6	112.2	33.6	0.0
5°	175.2	112.2	33.6	0.0
2.5°	173.8	110.7	33.6	0.0
0°	172.4	110.7	33.6	0.0
-2.5°	172.4	110.7	33.6	0.0
-5°	172.4	110.7	33.6	0.0
-7.5°	171.0	112.2	33.6	0.0
-10°	168.2	112.2	33.6	0.0
-12.5°	166.8	107.9	33.6	0.0
-15°	165.4	106.5	33.6	0.0
-17.5°	162.6	105.1	32.2	0.0
-20°	159.8	103.7	32.2	0.0



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CATALOG NUMBER: IFLD-S-SA2C-730-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	157.0	100.9	32.2	0.0
-25°	154.2	98.1	30.8	0.0
-27.5°	151.4	95.3	30.8	0.0
-30°	147.2	92.5	29.4	0.0
-32.5°	143.0	89.7	29.4	0.0
-35°	140.2	85.5	28.0	0.0
-37.5°	136.0	81.3	28.0	0.0
-40°	131.8	77.1	26.6	0.0
-42.5°	127.6	72.9	25.2	0.0
-45°	122.0	68.7	25.2	0.0
-47.5°	117.8	64.5	23.8	0.0
-50°	110.7	58.9	22.4	0.0
-52.5°	102.3	53.3	21.0	0.0
-55°	93.9	49.1	19.6	0.0
-57.5°	85.5	43.5	19.6	0.0
-60°	77.1	37.9	18.2	0.0
-62.5°	68.7	35.0	16.8	0.0
-65°	60.3	32.2	15.4	0.0
-67.5°	50.5	28.0	14.0	0.0
-70°	42.1	25.2	12.6	0.0
-72.5°	36.4	22.4	11.2	0.0
-75°	30.8	19.6	9.8	0.0
-77.5°	26.6	16.8	8.4	0.0
-80°	21.0	12.6	5.6	0.0
-82.5°	15.4	9.8	4.2	0.0
-85°	9.8	7.0	2.8	0.0
-87.5°	5.6	2.8	1.4	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)