

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: P722047

Luminaire Tested: **IFLD-S-SA2B-735-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722047
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2B-735-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (32) 3500K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

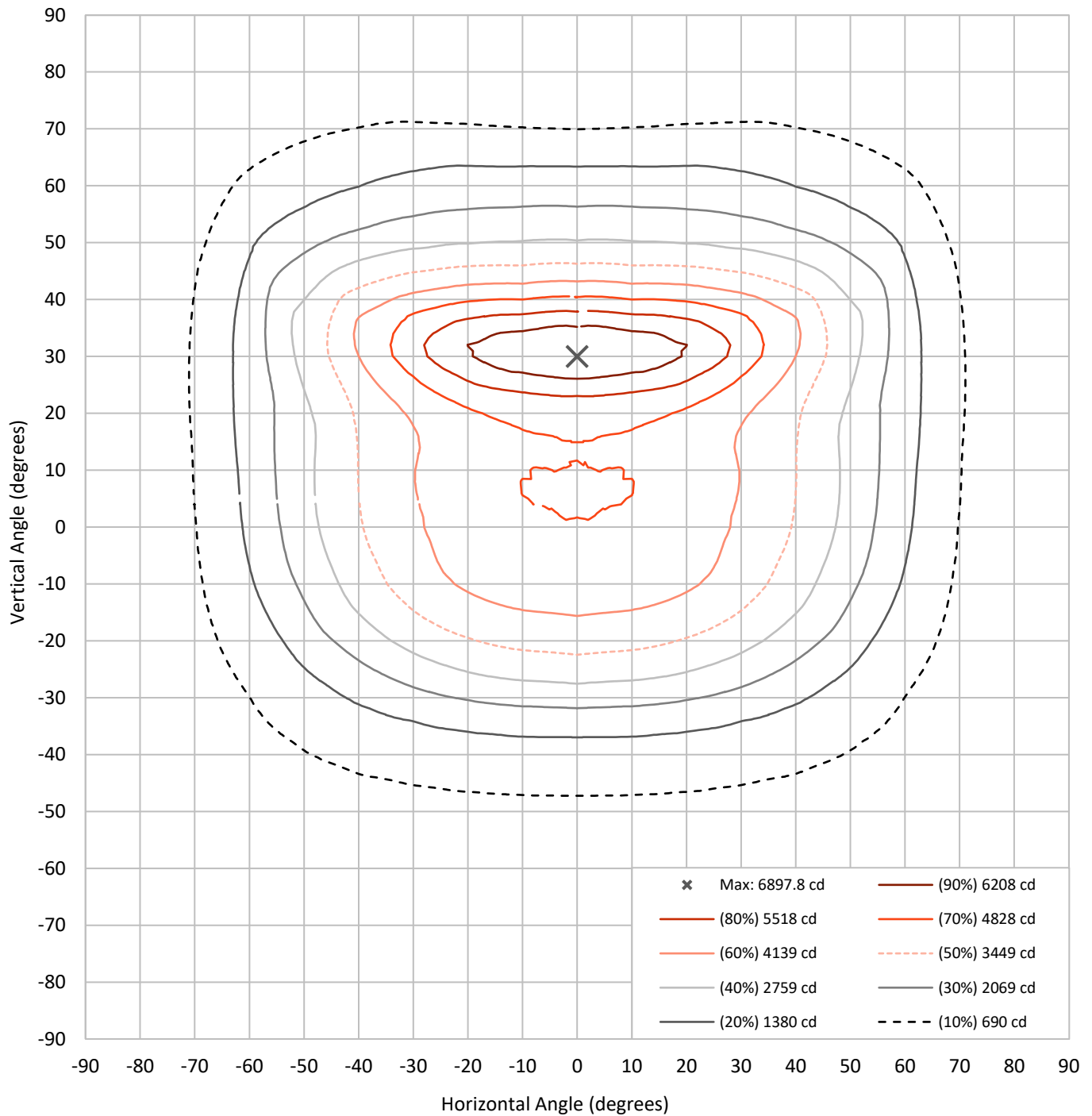
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	11514.2 lumens	Max Intensity:	6897.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	139.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	6695.6 lumens	Field Lumens:	10790.3 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 82.4
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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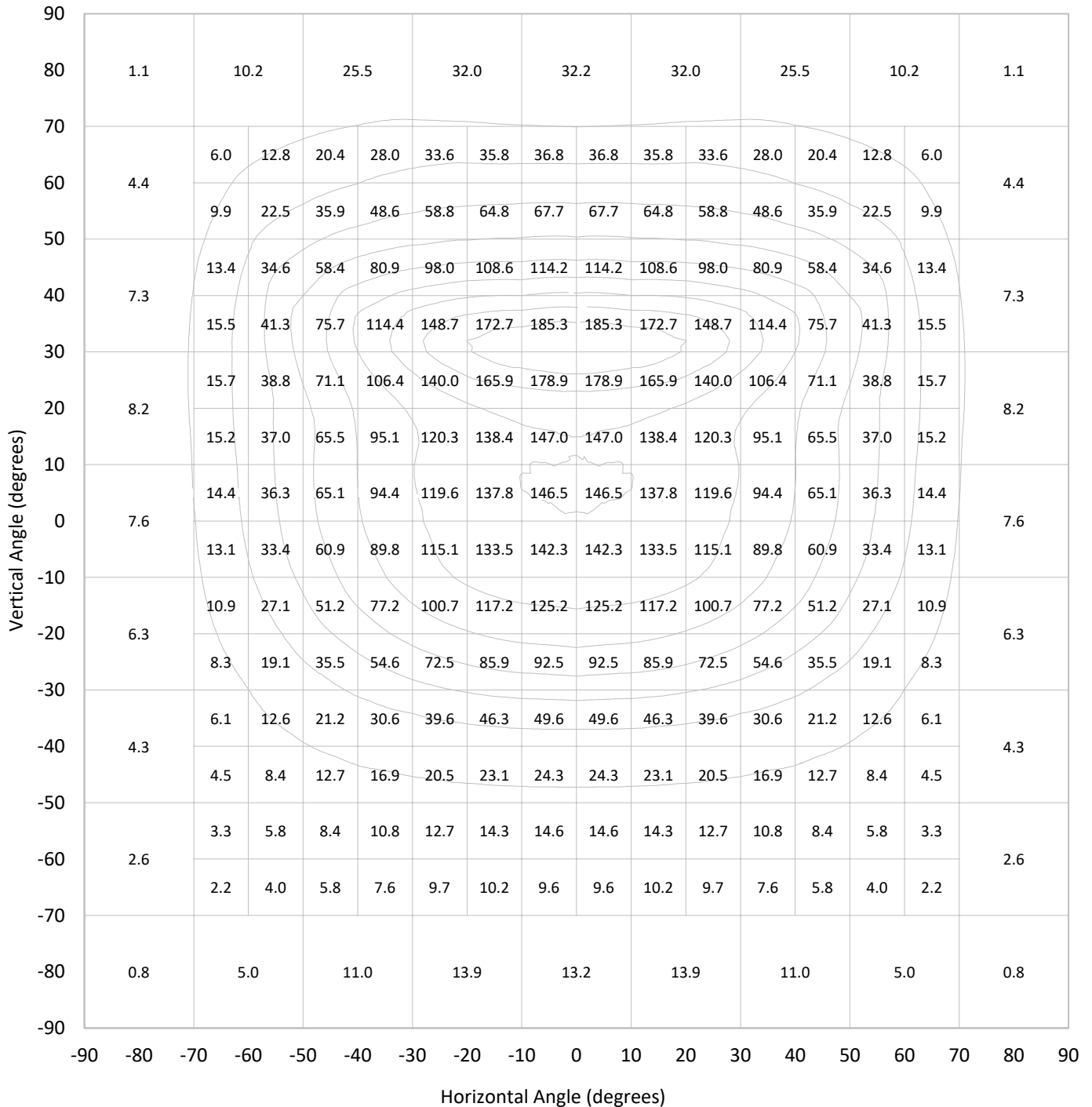
Iso-Candela Plot





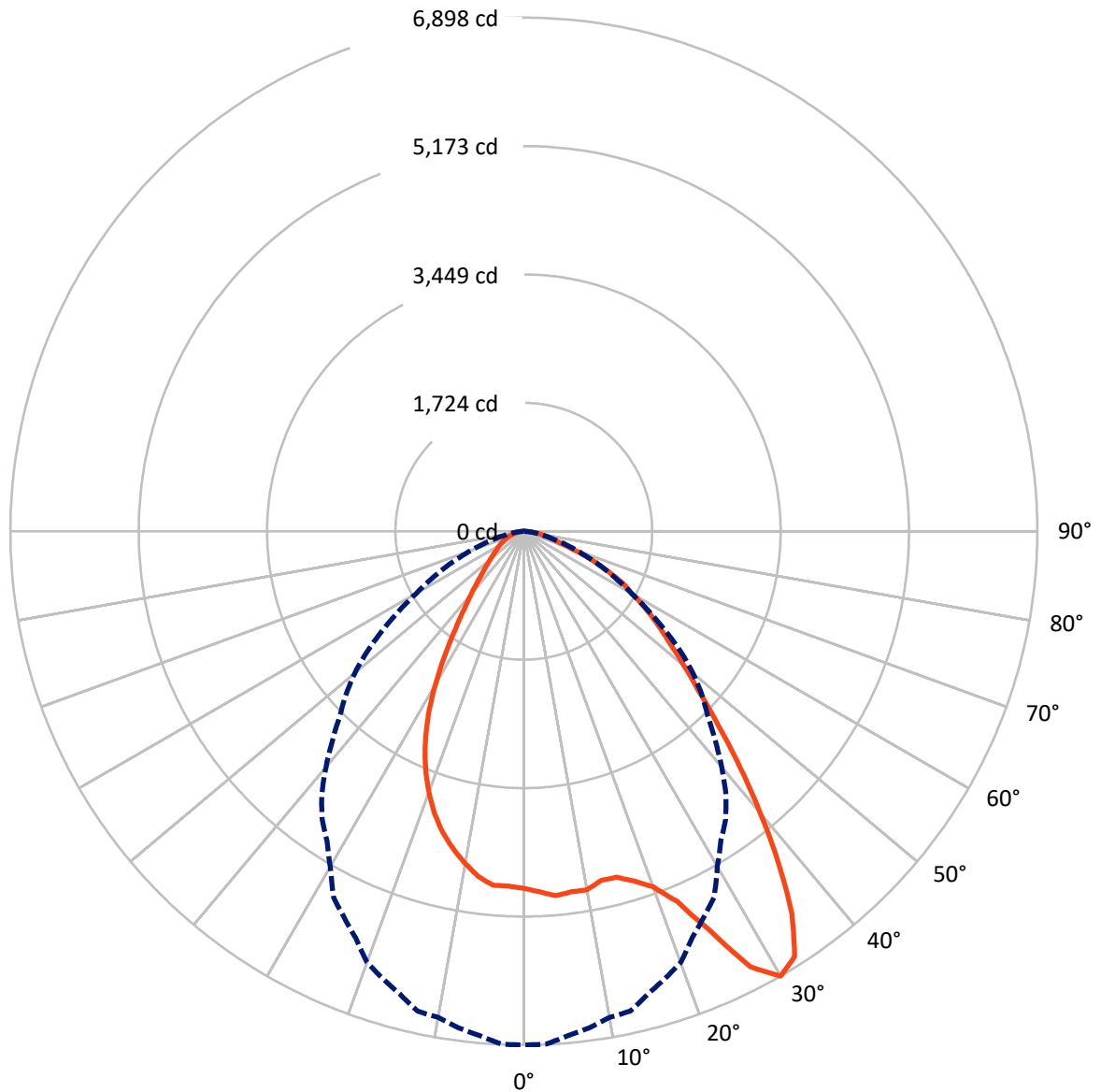
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Lumen Table



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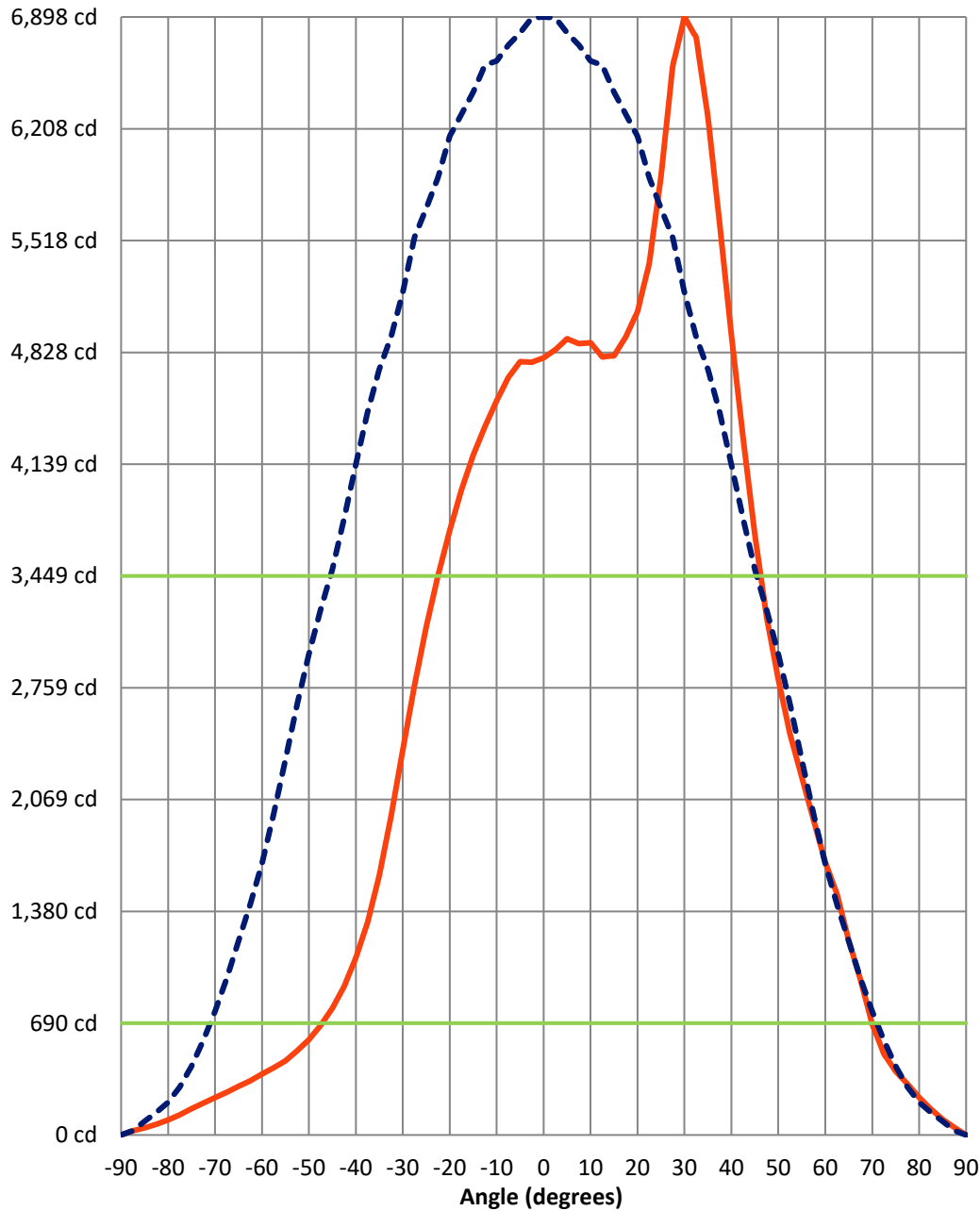
Luminous Intensity Polar Plot



— 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: 6695.6
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 10790.3
 Efficiency: 93.7%

Spill:
 Lumens: 723.9
 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°	46.4	47.6	48.8	48.8	47.6	47.6	47.6	46.4	47.6	47.6	47.6
85°	96.4	98.8	101.2	100.0	98.8	96.4	93.9	95.1	96.4	97.6	97.6
82.5°	159.8	163.4	165.9	164.7	162.2	159.8	157.4	158.6	161.0	162.2	162.2
80°	231.8	233.0	234.2	236.6	233.0	233.0	231.8	236.6	239.1	241.5	244.0
77.5°	314.7	315.9	315.9	317.1	318.4	319.6	319.6	328.1	334.2	337.9	341.5
75°	392.8	396.4	400.1	403.7	408.6	411.1	414.7	426.9	436.7	444.0	451.3
72.5°	500.1	505.0	511.1	519.6	528.2	534.3	542.8	557.4	568.4	575.7	584.3
70°	684.3	689.2	695.3	701.4	709.9	716.0	724.5	742.8	753.8	758.7	763.6
67.5°	957.5	969.7	980.7	968.5	962.4	953.9	956.3	973.4	984.4	991.7	990.5
65°	1200.3	1208.8	1208.8	1207.6	1202.7	1191.7	1197.8	1218.6	1230.7	1236.8	1218.6
62.5°	1485.7	1485.7	1479.6	1489.3	1490.6	1483.2	1479.6	1480.8	1482.0	1485.7	1455.2
60°	1683.3	1695.5	1699.1	1707.7	1710.1	1710.1	1716.2	1721.1	1721.1	1713.8	1678.4
57.5°	1944.3	1967.5	1972.4	1966.3	1954.1	1938.2	1935.8	1928.5	1913.8	1899.2	1882.1
55°	2207.8	2220.0	2218.8	2215.1	2202.9	2184.6	2187.0	2177.3	2154.1	2135.8	2112.6
52.5°	2472.5	2501.7	2506.6	2499.3	2482.2	2462.7	2463.9	2453.0	2429.8	2410.3	2378.6
50°	2810.4	2834.7	2832.3	2820.1	2795.7	2781.1	2782.3	2761.6	2734.7	2728.6	2687.2
47.5°	3197.0	3225.1	3220.2	3203.1	3170.2	3164.1	3170.2	3143.3	3127.5	3114.1	3065.3
45°	3704.4	3737.4	3719.1	3686.1	3633.7	3639.8	3648.3	3643.5	3609.3	3573.9	3511.7
42.5°	4299.7	4320.4	4298.5	4265.5	4199.7	4211.9	4207.0	4177.7	4157.0	4098.4	4019.1
40°	4936.4	4981.5	4947.4	4896.2	4827.9	4846.1	4832.7	4794.9	4746.1	4672.9	4572.9
37.5°	5623.1	5658.5	5619.5	5559.7	5498.7	5492.6	5465.8	5407.2	5337.7	5257.2	5097.4
35°	6280.6	6372.1	6300.1	6205.0	6130.6	6102.5	6076.9	5941.5	5862.2	5731.7	5513.4
32.5°	6769.7	6836.8	6747.8	6649.0	6558.7	6519.7	6429.4	6268.4	6225.7	5951.3	5751.2
30°	6897.8	6892.9	6800.2	6724.6	6627.0	6600.2	6434.3	6297.7	6161.1	5907.3	5717.1
27.5°	6592.9	6562.4	6473.3	6407.5	6311.1	6279.4	6115.9	6042.7	5831.7	5617.0	5456.0
25°	5913.4	5929.3	5862.2	5829.3	5765.9	5697.5	5632.9	5534.1	5402.4	5214.5	5066.9
22.5°	5378.0	5398.7	5370.6	5331.6	5282.8	5245.0	5196.2	5119.4	4992.5	4876.6	4737.6
20°	5080.3	5074.2	5049.8	5020.6	4974.2	4947.4	4893.7	4829.1	4731.5	4631.5	4481.4
17.5°	4924.2	4886.4	4863.2	4852.2	4827.9	4793.7	4730.3	4664.4	4588.8	4475.3	4365.6
15°	4808.3	4814.4	4796.1	4787.6	4768.1	4720.5	4655.9	4602.2	4499.7	4442.4	4342.4
12.5°	4801.0	4794.9	4796.1	4792.5	4768.1	4707.1	4674.2	4605.9	4540.0	4464.4	4349.7
10°	4887.6	4823.0	4827.9	4844.9	4805.9	4757.1	4721.7	4647.3	4585.1	4488.8	4375.3
7.5°	4882.7	4849.8	4859.6	4831.5	4843.7	4783.9	4735.1	4660.7	4582.7	4480.2	4377.8
5°	4912.0	4862.0	4853.5	4855.9	4825.4	4780.3	4714.4	4643.7	4570.5	4455.8	4350.9
2.5°	4844.9	4852.2	4813.2	4798.6	4794.9	4719.3	4658.3	4590.0	4514.4	4413.1	4319.2
0°	4794.9	4808.3	4768.1	4747.3	4746.1	4681.5	4642.4	4564.4	4510.7	4426.5	4313.1
-2.5°	4768.1	4783.9	4788.8	4751.0	4714.4	4664.4	4598.5	4514.4	4426.5	4329.0	4231.4
-5°	4770.5	4738.8	4725.4	4737.6	4705.9	4655.9	4582.7	4508.3	4421.7	4316.8	4194.8
-7.5°	4674.2	4642.4	4640.0	4633.9	4626.6	4579.0	4518.0	4437.5	4349.7	4252.1	4138.7
-10°	4530.2	4507.1	4501.0	4494.9	4475.3	4447.3	4390.0	4316.8	4237.5	4139.9	4019.1
-12.5°	4370.4	4359.5	4336.3	4320.4	4300.9	4268.0	4213.1	4146.0	4066.7	3980.1	3876.4
-15°	4193.6	4172.8	4149.7	4136.2	4108.2	4069.2	4014.3	3952.1	3865.5	3780.1	3682.5
-17.5°	3980.1	3954.5	3928.9	3925.2	3905.7	3845.9	3794.7	3719.1	3643.5	3561.7	3466.6
-20°	3728.8	3693.5	3676.4	3666.6	3639.8	3595.9	3541.0	3471.5	3398.3	3320.2	3210.4



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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°	3450.7	3420.2	3391.0	3372.7	3349.5	3315.3	3262.9	3201.9	3129.9	3042.1	2940.9
-25°	3134.8	3092.1	3073.8	3053.1	3040.9	3009.2	2957.9	2901.8	2827.4	2742.0	2645.7
-27.5°	2773.8	2739.6	2729.8	2700.6	2685.9	2653.0	2610.3	2557.9	2489.6	2409.0	2329.8
-30°	2374.9	2354.2	2338.3	2309.0	2298.0	2262.7	2234.6	2190.7	2128.5	2071.2	2007.7
-32.5°	1965.1	1944.3	1939.4	1926.0	1918.7	1895.5	1863.8	1832.1	1782.1	1739.4	1688.2
-35°	1601.6	1586.9	1588.1	1586.9	1579.6	1562.5	1523.5	1515.0	1478.4	1439.3	1406.4
-37.5°	1311.3	1312.5	1311.3	1310.0	1300.3	1293.0	1264.9	1253.9	1232.0	1194.2	1174.6
-40°	1092.9	1095.4	1094.1	1091.7	1080.7	1077.1	1058.8	1044.1	1035.6	1008.8	988.0
-42.5°	916.0	919.7	918.5	917.3	909.9	908.7	899.0	881.9	877.0	861.2	839.2
-45°	781.9	780.7	778.2	780.7	777.0	773.3	767.2	756.3	750.2	742.8	724.5
-47.5°	675.8	677.0	674.5	674.5	669.7	666.0	663.6	656.2	651.4	645.3	634.3
-50°	587.9	592.8	591.6	590.4	586.7	584.3	584.3	577.0	569.6	567.2	559.9
-52.5°	519.6	523.3	524.5	526.9	528.2	529.4	525.7	518.4	506.2	505.0	501.3
-55°	457.4	468.4	475.7	480.6	485.5	489.1	481.8	472.1	459.9	455.0	453.8
-57.5°	414.7	425.7	434.2	441.6	447.7	453.8	446.4	436.7	425.7	419.6	418.4
-60°	375.7	385.4	394.0	403.7	412.3	422.0	418.4	411.1	405.0	400.1	395.2
-62.5°	334.2	344.0	353.7	365.9	376.9	386.7	387.9	386.7	385.4	386.7	378.1
-65°	300.1	304.9	311.0	324.5	336.7	347.6	353.7	357.4	363.5	369.6	361.1
-67.5°	263.5	269.6	276.9	286.6	296.4	303.7	312.3	322.0	331.8	341.5	335.4
-70°	230.5	235.4	241.5	246.4	252.5	257.4	264.7	275.7	286.6	296.4	294.0
-72.5°	196.4	201.3	204.9	207.4	211.0	213.5	217.1	226.9	234.2	239.1	239.1
-75°	162.2	167.1	170.8	172.0	174.4	175.6	178.1	181.7	185.4	186.6	187.8
-77.5°	124.4	129.3	133.0	135.4	137.8	140.3	141.5	143.9	145.2	145.2	146.4
-80°	92.7	96.4	98.8	102.5	103.7	106.1	108.6	109.8	111.0	111.0	112.2
-82.5°	65.9	68.3	70.7	73.2	75.6	76.8	79.3	80.5	81.7	82.9	84.2
-85°	43.9	46.4	48.8	51.2	52.5	53.7	54.9	56.1	57.3	58.5	59.8
-87.5°	25.6	26.8	28.1	30.5	31.7	34.2	35.4	34.2	35.4	35.4	35.4
-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):

	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°	47.6	47.6	47.6	47.6	46.4	43.9	42.7	40.3	37.8	35.4	32.9
85°	98.8	100.0	100.0	100.0	97.6	96.4	92.7	89.0	84.2	76.8	70.7
82.5°	164.7	165.9	165.9	164.7	162.2	158.6	153.7	147.6	137.8	128.1	119.5
80°	247.6	248.8	248.8	247.6	241.5	235.4	229.3	222.0	209.8	196.4	181.7
77.5°	346.4	348.9	348.9	345.2	336.7	329.3	319.6	307.4	289.1	269.6	250.1
75°	461.1	467.2	468.4	464.7	453.8	440.3	424.5	403.7	375.7	351.3	328.1
72.5°	594.0	600.1	605.0	600.1	584.3	566.0	542.8	518.4	490.3	457.4	418.4
70°	768.5	774.6	778.2	762.4	734.3	703.8	675.8	647.7	614.8	574.5	531.8
67.5°	988.0	981.9	974.6	942.9	907.5	870.9	831.9	790.4	747.7	705.0	655.0
65°	1199.0	1182.0	1166.1	1128.3	1083.2	1035.6	990.5	944.1	892.9	839.2	791.6
62.5°	1421.0	1384.4	1345.4	1299.1	1252.7	1200.3	1155.1	1100.2	1042.9	977.0	916.0
60°	1639.4	1595.5	1556.4	1499.1	1438.1	1367.4	1318.6	1264.9	1197.8	1127.1	1055.1
57.5°	1850.4	1802.8	1760.1	1710.1	1644.3	1567.4	1513.7	1444.2	1373.5	1284.4	1211.2
55°	2074.8	2027.3	1993.1	1937.0	1865.0	1794.3	1735.7	1662.5	1563.7	1468.6	1378.3
52.5°	2332.2	2294.4	2257.8	2200.5	2113.9	2041.9	1977.2	1895.5	1791.8	1674.7	1566.2
50°	2620.1	2600.6	2561.5	2494.4	2395.6	2332.2	2246.8	2138.3	2027.3	1904.1	1768.7
47.5°	3001.9	2970.1	2915.3	2842.1	2759.1	2664.0	2549.3	2422.5	2265.1	2128.5	1984.6
45°	3458.0	3399.5	3328.8	3230.0	3127.5	3020.2	2894.5	2733.5	2522.5	2344.4	2193.1
42.5°	3952.1	3872.8	3776.4	3647.1	3514.2	3382.4	3247.0	3027.5	2764.0	2559.1	2388.3
40°	4468.0	4366.8	4246.0	4058.2	3910.6	3741.0	3586.1	3258.0	2977.5	2755.5	2573.7
37.5°	4973.0	4844.9	4642.4	4414.3	4242.4	4103.3	3763.0	3411.7	3160.4	2916.5	2732.3
35°	5359.7	5251.1	4893.7	4657.1	4509.5	4289.9	3864.2	3504.4	3238.5	3036.0	2749.4
32.5°	5589.0	5308.4	4995.0	4755.9	4633.9	4274.1	3871.6	3531.2	3275.1	3048.2	2705.5
30°	5537.8	5198.7	4924.2	4724.2	4459.5	4136.2	3803.2	3489.8	3240.9	2966.5	2656.7
27.5°	5229.2	4966.9	4721.7	4513.2	4253.3	3963.0	3655.7	3380.0	3148.2	2882.3	2589.6
25°	4880.3	4642.4	4460.7	4279.0	4032.6	3755.7	3484.9	3286.1	3053.1	2790.8	2501.7
22.5°	4559.5	4388.7	4246.0	4055.7	3815.4	3573.9	3405.6	3199.5	2960.4	2694.5	2411.5
20°	4354.6	4238.7	4075.3	3865.5	3676.4	3525.1	3338.5	3120.2	2873.8	2595.7	2334.6
17.5°	4255.8	4121.6	3939.9	3803.2	3658.1	3492.2	3283.6	3051.9	2789.6	2550.5	2343.2
15°	4204.5	4063.1	3943.5	3809.3	3645.9	3471.5	3239.7	2999.4	2789.6	2568.8	2349.3
12.5°	4215.5	4093.5	3963.0	3816.7	3641.0	3454.4	3244.6	3021.4	2804.3	2582.3	2350.5
10°	4249.7	4121.6	3982.6	3820.3	3643.5	3459.3	3258.0	3034.8	2811.6	2588.4	2348.1
7.5°	4261.9	4122.8	3974.0	3810.6	3637.4	3456.8	3260.4	3038.4	2812.8	2587.1	2340.7
5°	4224.1	4098.4	3954.5	3789.8	3620.3	3444.6	3250.7	3033.6	2803.0	2574.9	2322.4
2.5°	4172.8	4071.6	3933.8	3775.2	3603.2	3427.6	3234.8	3011.6	2781.1	2553.0	2299.3
0°	4164.3	4038.7	3899.6	3758.1	3575.1	3389.7	3198.2	2970.1	2740.8	2511.5	2259.0
-2.5°	4108.2	3975.2	3836.2	3682.5	3521.5	3334.9	3133.6	2910.4	2683.5	2457.8	2215.1
-5°	4065.5	3917.9	3770.3	3604.4	3442.2	3255.6	3047.0	2829.9	2607.9	2388.3	2154.1
-7.5°	4008.2	3856.9	3702.0	3528.8	3353.1	3162.9	2956.7	2739.6	2521.3	2302.9	2078.5
-10°	3892.3	3759.3	3614.2	3434.9	3249.5	3059.2	2854.3	2640.8	2422.5	2201.7	1976.0
-12.5°	3752.0	3611.7	3453.2	3288.5	3122.6	2945.7	2740.8	2531.0	2311.5	2089.5	1865.0
-15°	3570.3	3432.4	3270.2	3109.2	2949.4	2779.9	2599.3	2410.3	2187.0	1968.7	1744.3
-17.5°	3343.4	3214.1	3068.9	2915.3	2756.7	2585.9	2410.3	2250.5	2041.9	1837.0	1615.0
-20°	3099.4	2978.7	2848.2	2703.0	2544.4	2377.3	2211.4	2044.3	1863.8	1683.3	1477.1



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CATALOG NUMBER: IFLD-S-SA2B-735-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	2845.7	2723.7	2592.0	2456.6	2310.2	2155.3	2001.6	1841.9	1683.3	1519.8	1345.4
-25°	2553.0	2445.6	2324.9	2193.1	2062.6	1927.2	1780.9	1635.7	1500.3	1358.8	1216.1
-27.5°	2246.8	2148.0	2038.2	1923.6	1811.4	1697.9	1571.1	1436.9	1324.7	1207.6	1089.3
-30°	1924.8	1845.5	1756.5	1656.4	1569.8	1478.4	1372.2	1261.2	1158.8	1069.7	974.6
-32.5°	1619.9	1552.8	1489.3	1423.5	1338.1	1267.3	1194.2	1112.4	1022.2	938.0	869.7
-35°	1357.6	1285.6	1258.8	1210.0	1149.0	1086.8	1033.1	974.6	906.3	831.9	775.8
-37.5°	1136.8	1094.1	1056.3	1029.5	989.2	939.2	896.5	853.8	801.4	745.3	689.2
-40°	964.8	935.6	894.1	880.7	855.1	820.9	777.0	744.1	708.7	666.0	618.4
-42.5°	827.0	805.0	778.2	755.0	744.1	719.7	685.5	653.8	625.7	596.5	559.9
-45°	713.6	698.9	681.9	661.1	652.6	633.1	608.7	573.3	557.4	533.0	506.2
-47.5°	622.1	614.8	602.6	589.1	577.0	562.3	540.4	518.4	496.4	480.6	459.9
-50°	550.1	545.2	537.9	526.9	511.1	501.3	486.7	467.2	446.4	433.0	418.4
-52.5°	492.8	487.9	483.0	474.5	462.3	452.5	440.3	424.5	407.4	394.0	381.8
-55°	448.9	441.6	437.9	430.6	420.8	409.8	398.9	387.9	373.2	361.1	348.9
-57.5°	414.7	405.0	400.1	394.0	384.2	373.2	364.7	353.7	344.0	330.6	319.6
-60°	387.9	376.9	367.2	361.1	352.5	341.5	333.0	324.5	314.7	303.7	290.3
-62.5°	365.9	352.5	339.1	331.8	323.2	313.5	304.9	296.4	286.6	275.7	263.5
-65°	345.2	329.3	312.3	304.9	296.4	286.6	275.7	269.6	261.0	251.3	239.1
-67.5°	319.6	302.5	287.9	279.3	270.8	262.3	252.5	246.4	237.9	225.7	213.5
-70°	281.8	270.8	261.0	253.7	246.4	239.1	229.3	219.6	209.8	198.8	187.8
-72.5°	234.2	230.5	229.3	225.7	217.1	208.6	198.8	189.1	180.5	172.0	163.4
-75°	189.1	191.5	193.9	192.7	184.2	175.6	167.1	158.6	152.5	145.2	137.8
-77.5°	150.0	152.5	154.9	154.9	148.8	143.9	137.8	131.7	126.9	120.8	113.4
-80°	115.9	119.5	123.2	125.6	120.8	117.1	112.2	107.3	102.5	97.6	92.7
-82.5°	87.8	91.5	95.1	97.6	93.9	91.5	87.8	84.2	80.5	75.6	72.0
-85°	63.4	65.9	68.3	69.5	67.1	64.6	62.2	59.8	57.3	53.7	51.2
-87.5°	36.6	37.8	39.0	40.3	37.8	35.4	34.2	31.7	30.5	28.1	26.8
-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°	30.5	28.1	25.6	24.4	22.0	18.3	15.9	13.4	11.0	8.5	7.3
85°	64.6	58.5	51.2	47.6	42.7	37.8	32.9	28.1	23.2	18.3	13.4
82.5°	111.0	103.7	96.4	87.8	76.8	63.4	50.0	41.5	34.2	26.8	20.7
80°	167.1	153.7	141.5	130.5	118.3	101.2	82.9	65.9	46.4	35.4	26.8
77.5°	231.8	215.9	198.8	180.5	161.0	137.8	117.1	95.1	72.0	48.8	34.2
75°	304.9	284.2	261.0	235.4	209.8	179.3	150.0	124.4	97.6	68.3	41.5
72.5°	386.7	361.1	333.0	298.8	258.6	223.2	187.8	153.7	122.0	86.6	56.1
70°	491.6	451.3	409.8	373.2	322.0	265.9	224.4	185.4	145.2	106.1	70.7
67.5°	603.8	555.0	505.0	451.3	386.7	320.8	261.0	217.1	169.5	124.4	84.2
65°	725.8	664.8	601.3	541.6	452.5	374.5	307.4	247.6	192.7	141.5	97.6
62.5°	851.4	779.4	706.2	628.2	525.7	429.4	351.3	281.8	214.7	157.4	109.8
60°	985.6	901.4	812.4	714.8	595.2	489.1	392.8	317.1	237.9	173.2	123.2
57.5°	1127.1	1035.6	930.7	798.9	667.2	546.5	440.3	348.9	258.6	187.8	133.0
55°	1280.8	1175.9	1061.2	886.8	738.0	603.8	487.9	380.6	280.5	200.0	142.7
52.5°	1446.6	1324.7	1179.5	979.5	812.4	662.3	531.8	408.6	301.3	213.5	151.3
50°	1632.1	1478.4	1283.2	1064.9	877.0	717.2	575.7	439.1	318.4	228.1	158.6
47.5°	1824.8	1658.9	1375.9	1144.1	942.9	770.9	620.9	466.0	335.4	240.3	165.9
45°	2026.0	1784.5	1472.3	1214.9	1000.2	819.7	655.0	490.3	356.2	251.3	172.0
42.5°	2224.9	1879.7	1556.4	1285.6	1053.9	863.6	683.1	513.5	373.2	262.3	178.1
40°	2318.8	1951.6	1623.5	1334.4	1099.0	902.6	707.5	534.3	387.9	269.6	184.2
37.5°	2357.8	1995.5	1667.4	1380.8	1134.4	923.4	728.2	552.6	400.1	276.9	189.1
35°	2366.4	2011.4	1689.4	1412.5	1163.7	942.9	744.1	566.0	409.8	284.2	193.9
32.5°	2350.5	2006.5	1695.5	1423.5	1182.0	957.5	755.0	575.7	417.2	291.5	198.8
30°	2315.1	1980.9	1673.5	1422.3	1195.4	966.1	762.4	583.1	424.5	296.4	201.3
27.5°	2257.8	1935.8	1645.5	1423.5	1202.7	969.7	766.0	586.7	429.4	300.1	206.1
25°	2187.0	1874.8	1646.7	1421.0	1203.9	970.9	766.0	586.7	430.6	301.3	209.8
22.5°	2105.3	1874.8	1646.7	1417.4	1196.6	968.5	762.4	584.3	430.6	303.7	213.5
20°	2110.2	1876.0	1643.0	1410.1	1185.6	961.2	753.8	578.2	426.9	307.4	215.9
17.5°	2113.9	1873.6	1635.7	1400.3	1171.0	949.0	742.8	569.6	426.9	311.0	217.1
15°	2113.9	1866.2	1624.7	1385.7	1152.7	931.9	727.0	562.3	428.1	312.3	219.6
12.5°	2110.2	1852.8	1607.7	1366.1	1130.7	911.2	717.2	559.9	428.1	313.5	219.6
10°	2102.9	1834.5	1585.7	1341.7	1110.0	903.8	712.3	555.0	425.7	313.5	219.6
7.5°	2089.5	1812.6	1567.4	1327.1	1097.8	895.3	705.0	547.7	422.0	311.0	222.0
5°	2068.7	1800.4	1552.8	1310.0	1080.7	889.2	700.1	541.6	419.6	311.0	219.6
2.5°	2041.9	1785.7	1535.7	1288.1	1061.2	868.5	684.3	528.2	411.1	306.2	217.1
0°	1998.0	1756.5	1506.4	1257.6	1034.4	847.7	668.4	514.7	402.5	301.3	214.7
-2.5°	1957.7	1717.4	1468.6	1225.9	1008.8	829.4	656.2	507.4	398.9	300.1	213.5
-5°	1901.6	1663.8	1418.6	1184.4	974.6	811.1	644.0	498.9	395.2	297.6	213.5
-7.5°	1839.4	1607.7	1366.1	1141.7	940.4	779.4	620.9	485.5	386.7	292.7	212.2
-10°	1743.1	1523.5	1300.3	1092.9	903.8	751.4	601.3	473.3	379.3	287.9	207.4
-12.5°	1640.6	1430.8	1224.6	1033.1	862.4	722.1	579.4	459.9	370.8	283.0	204.9
-15°	1532.0	1335.6	1145.4	970.9	817.2	686.7	556.2	445.2	362.3	276.9	201.3
-17.5°	1418.6	1235.6	1063.6	907.5	772.1	650.1	531.8	431.8	352.5	270.8	197.6
-20°	1299.1	1133.2	980.7	842.9	724.5	613.5	506.2	415.9	341.5	263.5	192.7



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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°	1180.7	1031.9	895.3	779.4	675.8	575.7	480.6	400.1	329.3	254.9	189.1
-25°	1075.8	936.8	819.7	718.4	628.2	539.1	453.8	384.2	315.9	246.4	184.2
-27.5°	973.4	855.1	745.3	661.1	581.8	503.8	428.1	367.2	302.5	236.6	179.3
-30°	878.2	777.0	686.7	605.0	537.9	472.1	406.2	350.1	287.9	226.9	173.2
-32.5°	791.6	709.9	634.3	556.2	496.4	440.3	385.4	333.0	273.2	217.1	167.1
-35°	711.1	647.7	581.8	516.0	455.0	411.1	363.5	314.7	259.8	206.1	161.0
-37.5°	639.2	587.9	535.5	479.4	426.9	383.0	342.8	296.4	246.4	196.4	154.9
-40°	577.0	535.5	489.1	444.0	400.1	358.6	322.0	278.1	233.0	189.1	148.8
-42.5°	519.6	487.9	450.1	412.3	373.2	336.7	301.3	258.6	219.6	180.5	142.7
-45°	475.7	444.0	413.5	379.3	346.4	314.7	279.3	241.5	207.4	170.8	136.6
-47.5°	434.2	406.2	378.1	350.1	323.2	294.0	258.6	226.9	193.9	162.2	131.7
-50°	397.6	370.8	346.4	322.0	298.8	270.8	237.9	212.2	183.0	153.7	125.6
-52.5°	363.5	340.3	315.9	296.4	276.9	248.8	222.0	197.6	172.0	143.9	119.5
-55°	333.0	311.0	289.1	270.8	252.5	228.1	206.1	185.4	161.0	136.6	113.4
-57.5°	303.7	285.4	264.7	247.6	229.3	209.8	191.5	172.0	150.0	129.3	107.3
-60°	276.9	259.8	241.5	224.4	208.6	192.7	175.6	159.8	140.3	120.8	101.2
-62.5°	250.1	235.4	219.6	202.5	190.3	175.6	162.2	146.4	130.5	113.4	90.3
-65°	225.7	212.2	197.6	183.0	172.0	161.0	148.8	134.2	120.8	104.9	80.5
-67.5°	201.3	189.1	176.9	164.7	154.9	146.4	134.2	123.2	112.2	95.1	70.7
-70°	178.1	168.3	157.4	147.6	140.3	130.5	122.0	112.2	102.5	82.9	59.8
-72.5°	156.1	146.4	137.8	130.5	124.4	115.9	108.6	101.2	87.8	69.5	50.0
-75°	130.5	124.4	119.5	113.4	107.3	101.2	95.1	86.6	73.2	56.1	39.0
-77.5°	107.3	103.7	100.0	95.1	90.3	85.4	78.1	69.5	58.5	43.9	31.7
-80°	87.8	84.2	81.7	76.8	73.2	68.3	61.0	53.7	42.7	34.2	25.6
-82.5°	67.1	64.6	62.2	59.8	56.1	51.2	43.9	37.8	31.7	25.6	19.5
-85°	47.6	46.4	43.9	41.5	37.8	34.2	29.3	25.6	22.0	17.1	13.4
-87.5°	24.4	23.2	22.0	20.7	19.5	17.1	14.6	12.2	11.0	8.5	6.1
-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):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	4.9	3.7	1.2	0.0
85°	9.8	6.1	2.4	0.0
82.5°	14.6	9.8	3.7	0.0
80°	19.5	12.2	6.1	0.0
77.5°	24.4	14.6	7.3	0.0
75°	29.3	18.3	8.5	0.0
72.5°	32.9	20.7	9.8	0.0
70°	39.0	24.4	11.0	0.0
67.5°	48.8	26.8	12.2	0.0
65°	57.3	29.3	13.4	0.0
62.5°	67.1	31.7	14.6	0.0
60°	75.6	34.2	15.9	0.0
57.5°	84.2	40.3	17.1	0.0
55°	91.5	45.1	18.3	0.0
52.5°	100.0	50.0	19.5	0.0
50°	107.3	54.9	20.7	0.0
47.5°	113.4	59.8	20.7	0.0
45°	118.3	63.4	22.0	0.0
42.5°	122.0	67.1	23.2	0.0
40°	125.6	70.7	24.4	0.0
37.5°	129.3	74.4	24.4	0.0
35°	133.0	78.1	25.6	0.0
32.5°	136.6	81.7	25.6	0.0
30°	139.1	84.2	26.8	0.0
27.5°	142.7	86.6	26.8	0.0
25°	143.9	89.0	28.1	0.0
22.5°	146.4	90.3	28.1	0.0
20°	148.8	92.7	28.1	0.0
17.5°	150.0	93.9	29.3	0.0
15°	150.0	95.1	30.5	0.0
12.5°	151.3	96.4	30.5	0.0
10°	151.3	98.8	29.3	0.0
7.5°	153.7	97.6	29.3	0.0
5°	152.5	97.6	29.3	0.0
2.5°	151.3	96.4	29.3	0.0
0°	150.0	96.4	29.3	0.0
-2.5°	150.0	96.4	29.3	0.0
-5°	150.0	96.4	29.3	0.0
-7.5°	148.8	97.6	29.3	0.0
-10°	146.4	97.6	29.3	0.0
-12.5°	145.2	93.9	29.3	0.0
-15°	143.9	92.7	29.3	0.0
-17.5°	141.5	91.5	28.1	0.0
-20°	139.1	90.3	28.1	0.0



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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	136.6	87.8	28.1	0.0
-25°	134.2	85.4	26.8	0.0
-27.5°	131.7	82.9	26.8	0.0
-30°	128.1	80.5	25.6	0.0
-32.5°	124.4	78.1	25.6	0.0
-35°	122.0	74.4	24.4	0.0
-37.5°	118.3	70.7	24.4	0.0
-40°	114.7	67.1	23.2	0.0
-42.5°	111.0	63.4	22.0	0.0
-45°	106.1	59.8	22.0	0.0
-47.5°	102.5	56.1	20.7	0.0
-50°	96.4	51.2	19.5	0.0
-52.5°	89.0	46.4	18.3	0.0
-55°	81.7	42.7	17.1	0.0
-57.5°	74.4	37.8	17.1	0.0
-60°	67.1	32.9	15.9	0.0
-62.5°	59.8	30.5	14.6	0.0
-65°	52.5	28.1	13.4	0.0
-67.5°	43.9	24.4	12.2	0.0
-70°	36.6	22.0	11.0	0.0
-72.5°	31.7	19.5	9.8	0.0
-75°	26.8	17.1	8.5	0.0
-77.5°	23.2	14.6	7.3	0.0
-80°	18.3	11.0	4.9	0.0
-82.5°	13.4	8.5	3.7	0.0
-85°	8.5	6.1	2.4	0.0
-87.5°	4.9	2.4	1.2	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)