

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: P722080

Luminaire Tested: **IFLD-S-SA3A-740-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722080
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3A-740-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (48) 4000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

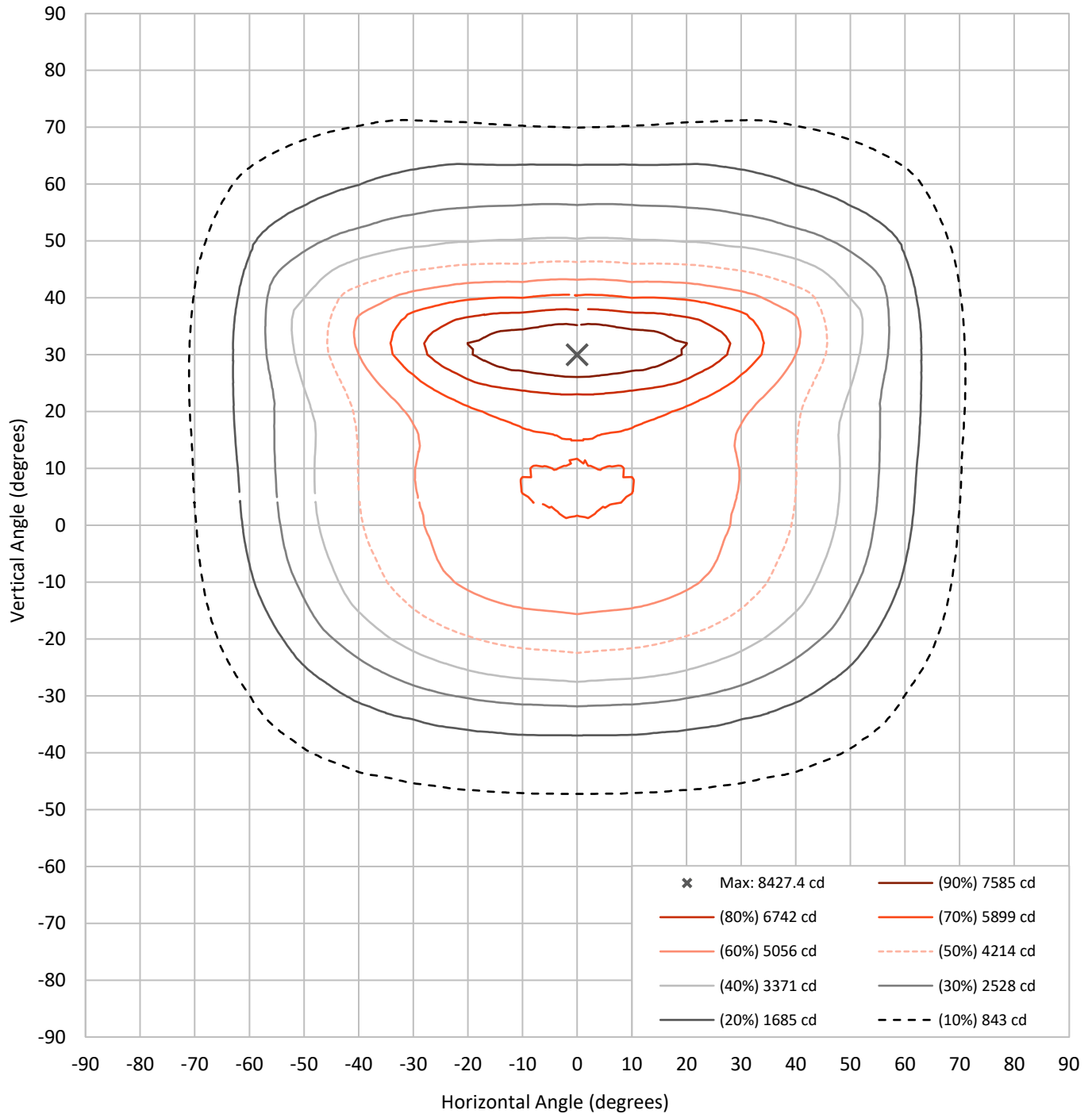
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	14067.4 lumens	Max Intensity:	8427.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	148.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	8180.4 lumens	Field Lumens:	13183 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 94.8
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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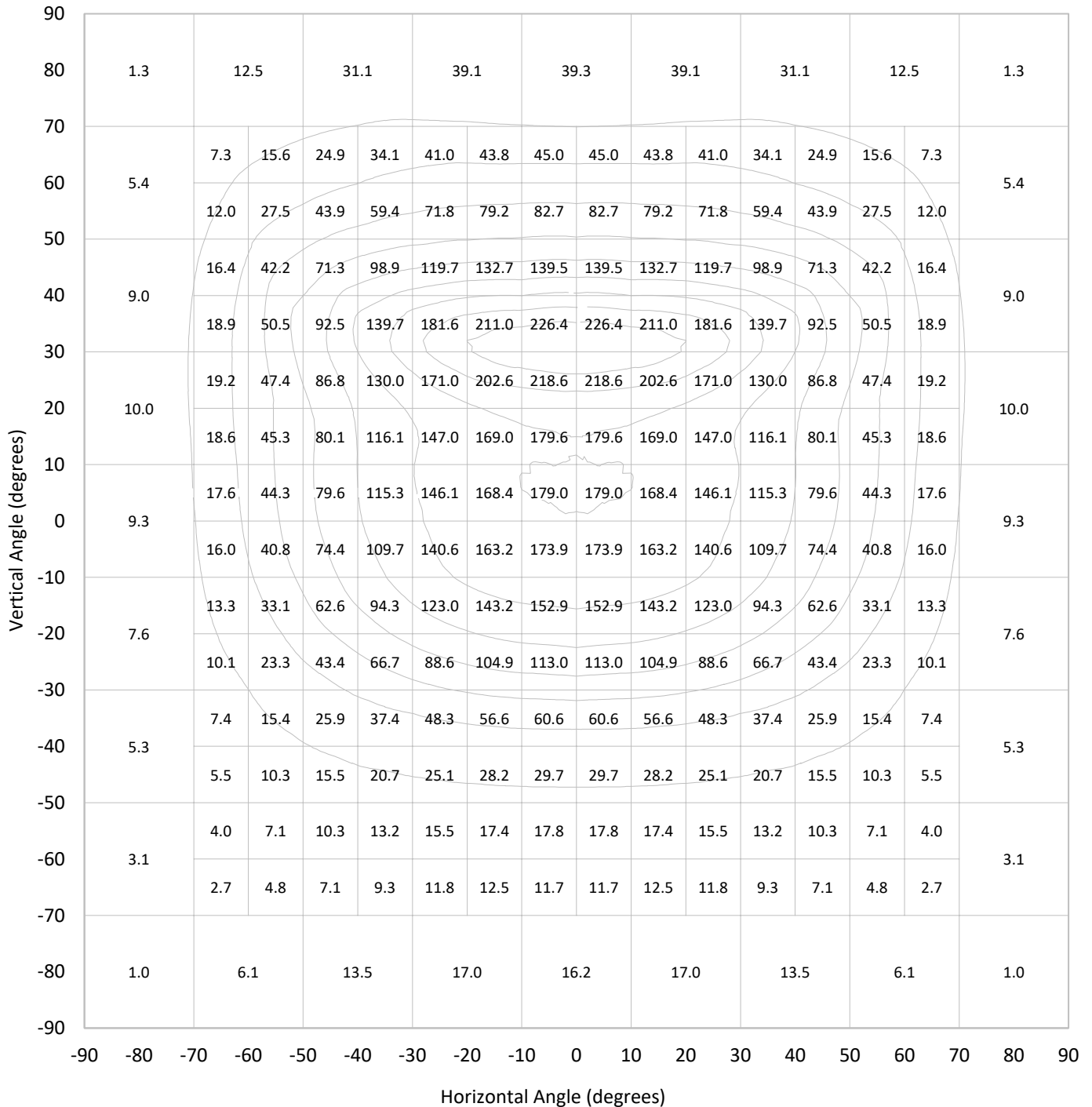
Iso-Candela Plot





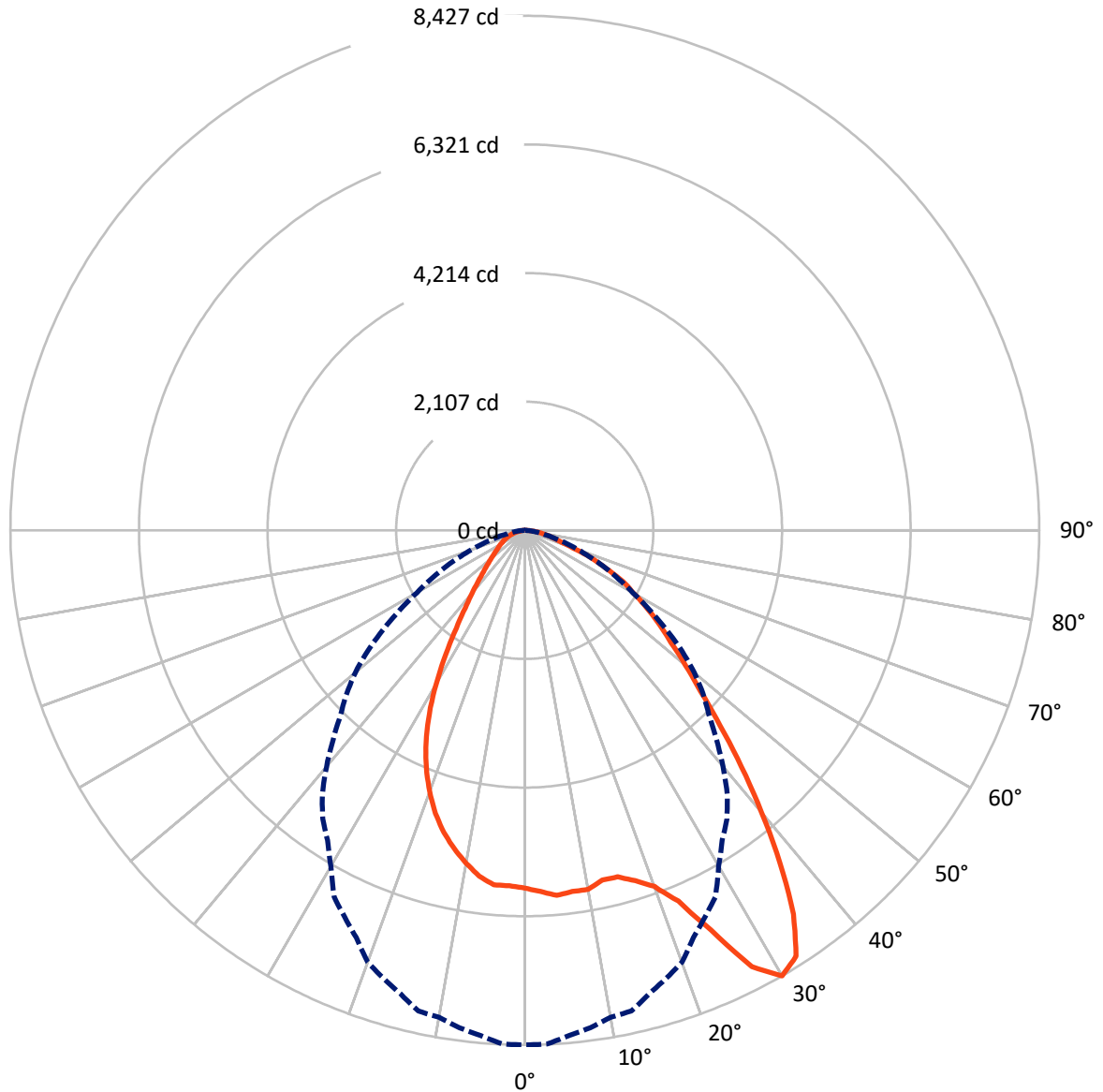
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Lumen Table



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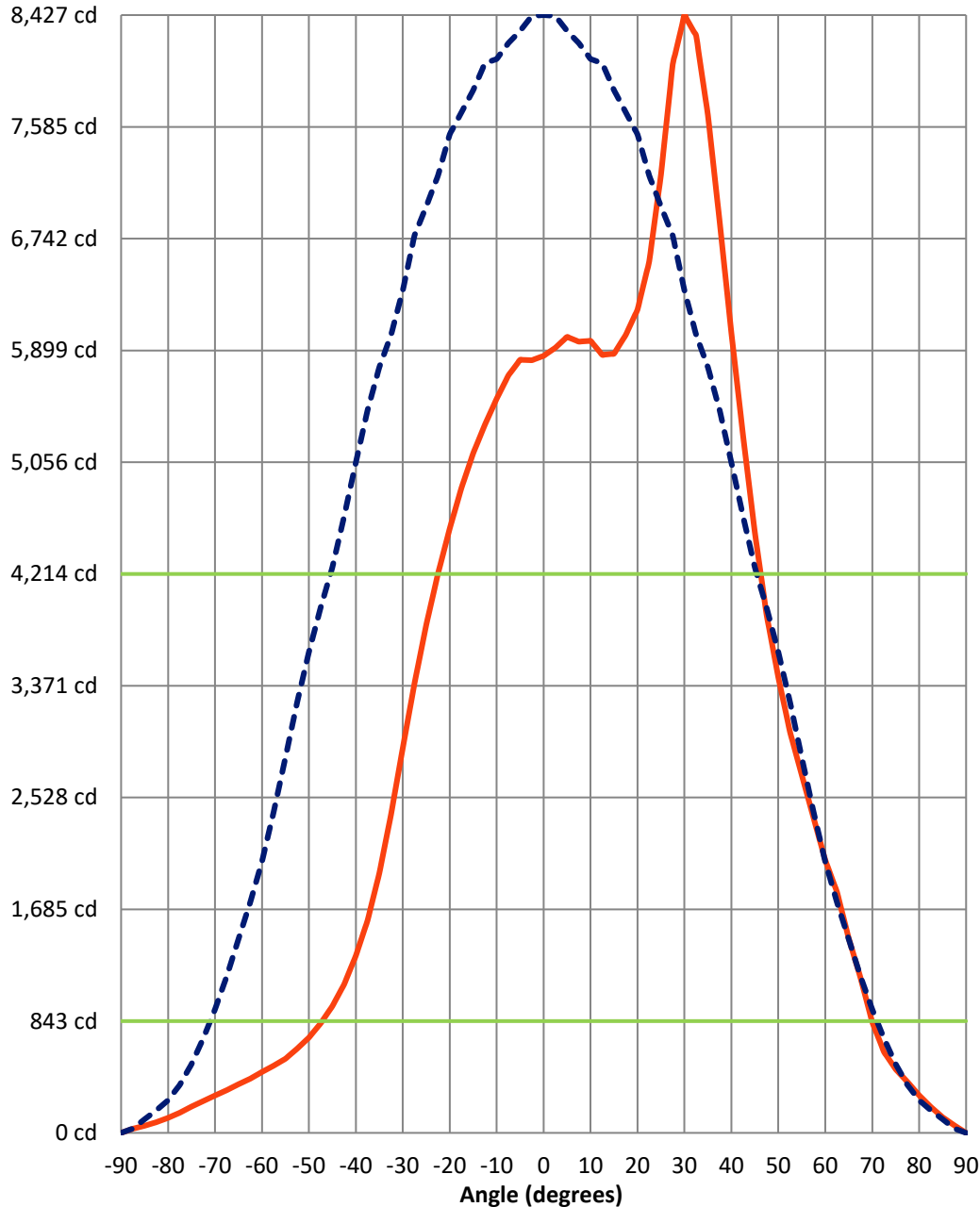
Luminous Intensity Polar Plot



— 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: 8180.4
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 13183
 Efficiency: 93.7%

Spill:
 Lumens: 884.4
 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°	56.6	58.1	59.6	59.6	58.1	58.1	58.1	56.6	58.1	58.1	58.1
85°	117.7	120.7	123.7	122.2	120.7	117.7	114.7	116.2	117.7	119.2	119.2
82.5°	195.2	199.7	202.7	201.2	198.2	195.2	192.2	193.7	196.7	198.2	198.2
80°	283.1	284.6	286.1	289.1	284.6	284.6	283.1	289.1	292.1	295.1	298.1
77.5°	384.5	386.0	386.0	387.5	389.0	390.4	390.4	400.9	408.3	412.8	417.3
75°	479.9	484.3	488.8	493.3	499.2	502.2	506.7	521.6	533.5	542.5	551.4
72.5°	611.0	617.0	624.4	634.8	645.3	652.7	663.2	681.0	694.5	703.4	713.8
70°	836.0	842.0	849.4	856.9	867.3	874.8	885.2	907.6	921.0	926.9	932.9
67.5°	1169.8	1184.8	1198.2	1183.3	1175.8	1165.4	1168.4	1189.2	1202.6	1211.6	1210.1
65°	1466.4	1476.8	1476.8	1475.3	1469.4	1456.0	1463.4	1488.8	1503.7	1511.1	1488.8
62.5°	1815.1	1815.1	1807.7	1819.6	1821.1	1812.1	1807.7	1809.2	1810.7	1815.1	1777.9
60°	2056.5	2071.5	2075.9	2086.4	2089.3	2089.3	2096.8	2102.7	2102.7	2093.8	2050.6
57.5°	2375.5	2403.8	2409.7	2402.3	2387.4	2368.0	2365.0	2356.1	2338.2	2320.3	2299.5
55°	2697.4	2712.3	2710.8	2706.3	2691.4	2669.0	2672.0	2660.1	2631.8	2609.4	2581.1
52.5°	3020.7	3056.5	3062.5	3053.5	3032.7	3008.8	3010.3	2996.9	2968.6	2944.7	2906.0
50°	3433.5	3463.3	3460.4	3445.5	3415.7	3397.8	3399.3	3373.9	3341.1	3333.7	3283.0
47.5°	3906.0	3940.2	3934.3	3913.4	3873.2	3865.7	3873.2	3840.4	3821.0	3804.6	3745.0
45°	4525.9	4566.1	4543.8	4503.5	4439.5	4446.9	4457.3	4451.4	4409.7	4366.4	4290.4
42.5°	5253.1	5278.5	5251.6	5211.4	5130.9	5145.8	5139.9	5104.1	5078.8	5007.2	4910.4
40°	6031.0	6086.2	6044.5	5981.9	5898.4	5920.8	5904.4	5858.2	5798.6	5709.2	5587.0
37.5°	6870.1	6913.3	6865.6	6792.6	6718.1	6710.6	6677.8	6606.3	6521.3	6423.0	6227.8
35°	7673.3	7785.1	7697.2	7580.9	7490.0	7455.7	7424.4	7259.0	7162.2	7002.7	6735.9
32.5°	8270.9	8352.9	8244.1	8123.4	8013.1	7965.4	7855.1	7658.4	7606.2	7270.9	7026.5
30°	8427.4	8421.4	8308.2	8215.8	8096.5	8063.8	7861.1	7694.2	7527.3	7217.3	6984.8
27.5°	8054.8	8017.6	7908.8	7828.3	7710.6	7671.8	7472.1	7382.7	7124.9	6862.6	6665.9
25°	7224.7	7244.1	7162.2	7121.9	7044.4	6961.0	6882.0	6761.3	6600.3	6370.8	6190.5
22.5°	6570.5	6595.9	6561.6	6513.9	6454.3	6408.1	6348.5	6254.6	6099.6	5958.0	5788.1
20°	6206.9	6199.4	6169.6	6133.9	6077.2	6044.5	5978.9	5899.9	5780.7	5658.5	5475.2
17.5°	6016.1	5969.9	5941.6	5928.2	5898.4	5856.7	5779.2	5698.7	5606.3	5467.7	5333.6
15°	5874.6	5882.0	5859.7	5849.2	5825.4	5767.3	5688.3	5622.7	5497.5	5427.5	5305.3
12.5°	5865.6	5858.2	5859.7	5855.2	5825.4	5750.9	5710.6	5627.2	5546.7	5454.3	5314.2
10°	5971.4	5892.5	5898.4	5919.3	5871.6	5812.0	5768.8	5677.9	5601.9	5484.1	5345.5
7.5°	5965.5	5925.2	5937.2	5902.9	5917.8	5844.8	5785.2	5694.3	5598.9	5473.7	5348.5
5°	6001.2	5940.1	5929.7	5932.7	5895.4	5840.3	5759.8	5673.4	5584.0	5443.9	5315.7
2.5°	5919.3	5928.2	5880.5	5862.7	5858.2	5765.8	5691.3	5607.8	5515.4	5391.7	5277.0
0°	5858.2	5874.6	5825.4	5800.1	5798.6	5719.6	5671.9	5576.5	5511.0	5408.1	5269.5
-2.5°	5825.4	5844.8	5850.7	5804.5	5759.8	5698.7	5618.2	5515.4	5408.1	5288.9	5169.7
-5°	5828.4	5789.6	5773.2	5788.1	5749.4	5688.3	5598.9	5508.0	5402.2	5274.0	5125.0
-7.5°	5710.6	5671.9	5668.9	5661.5	5652.5	5594.4	5519.9	5421.5	5314.2	5195.0	5056.4
-10°	5534.8	5506.5	5499.0	5491.6	5467.7	5433.5	5363.4	5274.0	5177.1	5057.9	4910.4
-12.5°	5339.6	5326.2	5297.8	5278.5	5254.6	5214.4	5147.3	5065.4	4968.5	4862.7	4736.0
-15°	5123.5	5098.2	5069.8	5053.4	5019.2	4971.5	4904.4	4828.4	4722.6	4618.3	4499.1
-17.5°	4862.7	4831.4	4800.1	4795.6	4771.8	4698.8	4636.2	4543.8	4451.4	4351.5	4235.3
-20°	4555.7	4512.5	4491.6	4479.7	4446.9	4393.3	4326.2	4241.3	4151.8	4056.5	3922.3



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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°	4215.9	4178.7	4142.9	4120.5	4092.2	4050.5	3986.4	3911.9	3824.0	3716.7	3593.0
-25°	3829.9	3777.8	3755.4	3730.1	3715.2	3676.5	3613.9	3545.3	3454.4	3350.1	3232.4
-27.5°	3388.8	3347.1	3335.2	3299.4	3281.5	3241.3	3189.1	3125.1	3041.6	2943.2	2846.4
-30°	2901.5	2876.2	2856.8	2821.0	2807.6	2764.4	2730.1	2676.5	2600.5	2530.4	2453.0
-32.5°	2400.8	2375.5	2369.5	2353.1	2344.2	2315.9	2277.1	2238.4	2177.3	2125.1	2062.5
-35°	1956.7	1938.8	1940.3	1938.8	1929.9	1909.0	1861.3	1850.9	1806.2	1758.5	1718.3
-37.5°	1602.0	1603.5	1602.0	1600.5	1588.6	1579.7	1545.4	1532.0	1505.2	1459.0	1435.1
-40°	1335.3	1338.2	1336.8	1333.8	1320.4	1315.9	1293.5	1275.7	1265.2	1232.4	1207.1
-42.5°	1119.2	1123.6	1122.2	1120.7	1111.7	1110.2	1098.3	1077.5	1071.5	1052.1	1025.3
-45°	955.3	953.8	950.8	953.8	949.3	944.8	937.4	924.0	916.5	907.6	885.2
-47.5°	825.6	827.1	824.1	824.1	818.1	813.7	810.7	801.8	795.8	788.3	774.9
-50°	718.3	724.3	722.8	721.3	716.8	713.8	713.8	704.9	695.9	693.0	684.0
-52.5°	634.8	639.3	640.8	643.8	645.3	646.8	642.3	633.4	618.5	617.0	612.5
-55°	558.8	572.3	581.2	587.2	593.1	597.6	588.6	576.7	561.8	555.9	554.4
-57.5°	506.7	520.1	530.5	539.5	546.9	554.4	545.4	533.5	520.1	512.6	511.2
-60°	459.0	470.9	481.4	493.3	503.7	515.6	511.2	502.2	494.8	488.8	482.8
-62.5°	408.3	420.3	432.2	447.1	460.5	472.4	473.9	472.4	470.9	472.4	462.0
-65°	366.6	372.6	380.0	396.4	411.3	424.7	432.2	436.6	444.1	451.5	441.1
-67.5°	321.9	329.3	338.3	350.2	362.1	371.1	381.5	393.4	405.3	417.3	409.8
-70°	281.7	287.6	295.1	301.0	308.5	314.4	323.4	336.8	350.2	362.1	359.2
-72.5°	239.9	245.9	250.4	253.3	257.8	260.8	265.3	277.2	286.1	292.1	292.1
-75°	198.2	204.2	208.6	210.1	213.1	214.6	217.6	222.0	226.5	228.0	229.5
-77.5°	152.0	158.0	162.4	165.4	168.4	171.4	172.9	175.8	177.3	177.3	178.8
-80°	113.3	117.7	120.7	125.2	126.7	129.7	132.6	134.1	135.6	135.6	137.1
-82.5°	80.5	83.5	86.4	89.4	92.4	93.9	96.9	98.4	99.8	101.3	102.8
-85°	53.6	56.6	59.6	62.6	64.1	65.6	67.1	68.6	70.0	71.5	73.0
-87.5°	31.3	32.8	34.3	37.3	38.7	41.7	43.2	41.7	43.2	43.2	43.2
-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):

	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°	58.1	58.1	58.1	58.1	56.6	53.6	52.2	49.2	46.2	43.2	40.2
85°	120.7	122.2	122.2	122.2	119.2	117.7	113.3	108.8	102.8	93.9	86.4
82.5°	201.2	202.7	202.7	201.2	198.2	193.7	187.8	180.3	168.4	156.5	146.0
80°	302.5	304.0	304.0	302.5	295.1	287.6	280.2	271.2	256.3	239.9	222.0
77.5°	423.2	426.2	426.2	421.7	411.3	402.4	390.4	375.5	353.2	329.3	305.5
75°	563.3	570.8	572.3	567.8	554.4	538.0	518.6	493.3	459.0	429.2	400.9
72.5°	725.8	733.2	739.2	733.2	713.8	691.5	663.2	633.4	599.1	558.8	511.2
70°	938.9	946.3	950.8	931.4	897.1	859.9	825.6	791.3	751.1	701.9	649.7
67.5°	1207.1	1199.7	1190.7	1152.0	1108.7	1064.0	1016.4	965.7	913.5	861.4	800.3
65°	1464.9	1444.1	1424.7	1378.5	1323.3	1265.2	1210.1	1153.5	1090.9	1025.3	967.2
62.5°	1736.1	1691.4	1643.7	1587.1	1530.5	1466.4	1411.3	1344.2	1274.2	1193.7	1119.2
60°	2002.9	1949.2	1901.6	1831.5	1757.0	1670.6	1611.0	1545.4	1463.4	1377.0	1289.1
57.5°	2260.7	2202.6	2150.4	2089.3	2008.9	1915.0	1849.4	1764.5	1678.0	1569.2	1479.8
55°	2534.9	2476.8	2435.1	2366.5	2278.6	2192.2	2120.6	2031.2	1910.5	1794.3	1684.0
52.5°	2849.4	2803.2	2758.5	2688.4	2582.6	2494.7	2415.7	2315.9	2189.2	2046.1	1913.5
50°	3201.1	3177.2	3129.5	3047.6	2926.9	2849.4	2745.0	2612.4	2476.8	2326.3	2160.9
47.5°	3667.5	3628.8	3561.7	3472.3	3370.9	3254.7	3114.6	2959.6	2767.4	2600.5	2424.6
45°	4224.9	4153.3	4066.9	3946.2	3821.0	3689.9	3536.4	3339.7	3081.8	2864.3	2679.5
42.5°	4828.4	4731.5	4613.8	4455.9	4293.4	4132.5	3967.1	3698.8	3376.9	3126.5	2917.9
40°	5458.8	5335.1	5187.6	4958.1	4777.7	4570.6	4381.3	3980.5	3637.7	3366.5	3144.4
37.5°	6075.8	5919.3	5671.9	5393.2	5183.1	5013.2	4597.4	4168.2	3861.2	3563.2	3338.2
35°	6548.2	6415.5	5978.9	5689.8	5509.5	5241.2	4721.1	4281.5	3956.6	3709.2	3359.0
32.5°	6828.3	6485.6	6102.6	5810.5	5661.5	5221.8	4730.1	4314.3	4001.3	3724.1	3305.4
30°	6765.7	6351.5	6016.1	5771.7	5448.4	5053.4	4646.6	4263.6	3959.6	3624.3	3245.8
27.5°	6388.7	6068.3	5768.8	5513.9	5196.5	4841.8	4466.3	4129.5	3846.3	3521.5	3163.8
25°	5962.5	5671.9	5449.9	5227.8	4926.8	4588.5	4257.6	4014.7	3730.1	3409.7	3056.5
22.5°	5570.6	5361.9	5187.6	4955.1	4661.5	4366.4	4160.8	3908.9	3616.8	3292.0	2946.2
20°	5320.2	5178.6	4978.9	4722.6	4491.6	4306.8	4078.8	3812.1	3511.0	3171.3	2852.3
17.5°	5199.5	5035.6	4813.5	4646.6	4469.3	4266.6	4011.8	3728.6	3408.2	3116.1	2862.8
15°	5136.9	4964.0	4818.0	4654.1	4454.4	4241.3	3958.1	3664.5	3408.2	3138.5	2870.2
12.5°	5150.3	5001.3	4841.8	4663.0	4448.4	4220.4	3964.1	3691.4	3426.1	3154.9	2871.7
10°	5192.0	5035.6	4865.7	4667.5	4451.4	4226.4	3980.5	3707.7	3435.0	3162.3	2868.7
7.5°	5206.9	5037.1	4855.2	4655.5	4443.9	4223.4	3983.4	3712.2	3436.5	3160.8	2859.8
5°	5160.7	5007.2	4831.4	4630.2	4423.1	4208.5	3971.5	3706.3	3424.6	3145.9	2837.4
2.5°	5098.2	4974.5	4806.1	4612.3	4402.2	4187.6	3952.1	3679.4	3397.8	3119.1	2809.1
0°	5087.7	4934.2	4764.3	4591.5	4367.9	4141.4	3907.4	3628.8	3348.6	3068.4	2759.9
-2.5°	5019.2	4856.7	4686.8	4499.1	4302.4	4074.3	3828.5	3555.7	3278.6	3002.9	2706.3
-5°	4967.0	4786.7	4606.4	4403.7	4205.5	3977.5	3722.6	3457.4	3186.2	2917.9	2631.8
-7.5°	4897.0	4712.2	4522.9	4311.3	4096.7	3864.2	3612.4	3347.1	3080.4	2813.6	2539.4
-10°	4755.4	4593.0	4415.6	4196.5	3970.0	3737.6	3487.2	3226.4	2959.6	2689.9	2414.2
-12.5°	4584.0	4412.6	4218.9	4017.7	3815.0	3599.0	3348.6	3092.3	2824.0	2552.8	2278.6
-15°	4362.0	4193.6	3995.4	3798.7	3603.4	3396.3	3175.7	2944.7	2672.0	2405.3	2131.1
-17.5°	4084.8	3926.8	3749.5	3561.7	3368.0	3159.3	2944.7	2749.5	2494.7	2244.3	1973.1
-20°	3786.7	3639.2	3479.7	3302.4	3108.7	2904.5	2701.8	2497.7	2277.1	2056.5	1804.7



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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°	3476.8	3327.7	3166.8	3001.4	2822.5	2633.3	2445.5	2250.3	2056.5	1856.9	1643.7
-25°	3119.1	2988.0	2840.4	2679.5	2520.0	2354.6	2175.8	1998.4	1833.0	1660.1	1485.8
-27.5°	2745.0	2624.3	2490.2	2350.1	2213.0	2074.4	1919.4	1755.5	1618.4	1475.3	1330.8
-30°	2351.6	2254.8	2146.0	2023.8	1918.0	1806.2	1676.5	1540.9	1415.7	1307.0	1190.7
-32.5°	1979.1	1897.1	1819.6	1739.1	1634.8	1548.4	1459.0	1359.1	1248.8	1146.0	1062.5
-35°	1658.7	1570.7	1537.9	1478.3	1403.8	1327.8	1262.2	1190.7	1107.3	1016.4	947.8
-37.5°	1388.9	1336.8	1290.6	1257.8	1208.6	1147.5	1095.3	1043.2	979.1	910.5	842.0
-40°	1178.8	1143.0	1092.4	1076.0	1044.7	1002.9	949.3	909.1	865.8	813.7	755.6
-42.5°	1010.4	983.6	950.8	922.5	909.1	879.2	837.5	798.8	764.5	728.7	684.0
-45°	871.8	853.9	833.1	807.7	797.3	773.4	743.6	700.4	681.0	651.2	618.5
-47.5°	760.0	751.1	736.2	719.8	704.9	687.0	660.2	633.4	606.5	587.2	561.8
-50°	672.1	666.1	657.2	643.8	624.4	612.5	594.6	570.8	545.4	529.0	511.2
-52.5°	602.1	596.1	590.1	579.7	564.8	552.9	538.0	518.6	497.7	481.4	466.4
-55°	548.4	539.5	535.0	526.1	514.1	500.7	487.3	473.9	456.0	441.1	426.2
-57.5°	506.7	494.8	488.8	481.4	469.4	456.0	445.6	432.2	420.3	403.9	390.4
-60°	473.9	460.5	448.6	441.1	430.7	417.3	406.8	396.4	384.5	371.1	354.7
-62.5°	447.1	430.7	414.3	405.3	394.9	383.0	372.6	362.1	350.2	336.8	321.9
-65°	421.7	402.4	381.5	372.6	362.1	350.2	336.8	329.3	318.9	307.0	292.1
-67.5°	390.4	369.6	351.7	341.3	330.8	320.4	308.5	301.0	290.6	275.7	260.8
-70°	344.2	330.8	318.9	310.0	301.0	292.1	280.2	268.2	256.3	242.9	229.5
-72.5°	286.1	281.7	280.2	275.7	265.3	254.8	242.9	231.0	220.6	210.1	199.7
-75°	231.0	234.0	237.0	235.5	225.0	214.6	204.2	193.7	186.3	177.3	168.4
-77.5°	183.3	186.3	189.3	189.3	181.8	175.8	168.4	160.9	155.0	147.5	138.6
-80°	141.6	146.0	150.5	153.5	147.5	143.1	137.1	131.1	125.2	119.2	113.3
-82.5°	107.3	111.8	116.2	119.2	114.7	111.8	107.3	102.8	98.4	92.4	87.9
-85°	77.5	80.5	83.5	84.9	82.0	79.0	76.0	73.0	70.0	65.6	62.6
-87.5°	44.7	46.2	47.7	49.2	46.2	43.2	41.7	38.7	37.3	34.3	32.8
-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°	37.3	34.3	31.3	29.8	26.8	22.4	19.4	16.4	13.4	10.4	8.9
85°	79.0	71.5	62.6	58.1	52.2	46.2	40.2	34.3	28.3	22.4	16.4
82.5°	135.6	126.7	117.7	107.3	93.9	77.5	61.1	50.7	41.7	32.8	25.3
80°	204.2	187.8	172.9	159.5	144.6	123.7	101.3	80.5	56.6	43.2	32.8
77.5°	283.1	263.8	242.9	220.6	196.7	168.4	143.1	116.2	87.9	59.6	41.7
75°	372.6	347.2	318.9	287.6	256.3	219.1	183.3	152.0	119.2	83.5	50.7
72.5°	472.4	441.1	406.8	365.1	315.9	272.7	229.5	187.8	149.0	105.8	68.6
70°	600.6	551.4	500.7	456.0	393.4	324.9	274.2	226.5	177.3	129.7	86.4
67.5°	737.7	678.1	617.0	551.4	472.4	391.9	318.9	265.3	207.1	152.0	102.8
65°	886.7	812.2	734.7	661.7	552.9	457.5	375.5	302.5	235.5	172.9	119.2
62.5°	1040.2	952.3	862.9	767.5	642.3	524.6	429.2	344.2	262.3	192.2	134.1
60°	1204.1	1101.3	992.5	873.3	727.2	597.6	479.9	387.5	290.6	211.6	150.5
57.5°	1377.0	1265.2	1137.1	976.1	815.2	667.6	538.0	426.2	315.9	229.5	162.4
55°	1564.8	1436.6	1296.5	1083.4	901.6	737.7	596.1	465.0	342.8	244.4	174.4
52.5°	1767.4	1618.4	1441.1	1196.7	992.5	809.2	649.7	499.2	368.1	260.8	184.8
50°	1994.0	1806.2	1567.7	1301.0	1071.5	876.3	703.4	536.5	389.0	278.7	193.7
47.5°	2229.4	2026.7	1681.0	1397.9	1152.0	941.8	758.5	569.3	409.8	293.6	202.7
45°	2475.3	2180.2	1798.7	1484.3	1222.0	1001.4	800.3	599.1	435.2	307.0	210.1
42.5°	2718.2	2296.5	1901.6	1570.7	1287.6	1055.1	834.5	627.4	456.0	320.4	217.6
40°	2833.0	2384.4	1983.5	1630.3	1342.7	1102.8	864.3	652.7	473.9	329.3	225.0
37.5°	2880.7	2438.1	2037.2	1687.0	1385.9	1128.1	889.7	675.1	488.8	338.3	231.0
35°	2891.1	2457.4	2064.0	1725.7	1421.7	1152.0	909.1	691.5	500.7	347.2	237.0
32.5°	2871.7	2451.5	2071.5	1739.1	1444.1	1169.8	922.5	703.4	509.7	356.2	242.9
30°	2828.5	2420.2	2044.6	1737.6	1460.4	1180.3	931.4	712.3	518.6	362.1	245.9
27.5°	2758.5	2365.0	2010.3	1739.1	1469.4	1184.8	935.9	716.8	524.6	366.6	251.9
25°	2672.0	2290.5	2011.8	1736.1	1470.9	1186.2	935.9	716.8	526.1	368.1	256.3
22.5°	2572.2	2290.5	2011.8	1731.7	1461.9	1183.3	931.4	713.8	526.1	371.1	260.8
20°	2578.1	2292.0	2007.4	1722.7	1448.5	1174.3	921.0	706.4	521.6	375.5	263.8
17.5°	2582.6	2289.0	1998.4	1710.8	1430.6	1159.4	907.6	695.9	521.6	380.0	265.3
15°	2582.6	2280.1	1985.0	1692.9	1408.3	1138.6	888.2	687.0	523.1	381.5	268.2
12.5°	2578.1	2263.7	1964.2	1669.1	1381.5	1113.2	876.3	684.0	523.1	383.0	268.2
10°	2569.2	2241.3	1937.3	1639.3	1356.1	1104.3	870.3	678.1	520.1	383.0	268.2
7.5°	2552.8	2214.5	1915.0	1621.4	1341.2	1093.8	861.4	669.1	515.6	380.0	271.2
5°	2527.5	2199.6	1897.1	1600.5	1320.4	1086.4	855.4	661.7	512.6	380.0	268.2
2.5°	2494.7	2181.7	1876.2	1573.7	1296.5	1061.1	836.0	645.3	502.2	374.1	265.3
0°	2441.0	2146.0	1840.5	1536.4	1263.7	1035.7	816.7	628.9	491.8	368.1	262.3
-2.5°	2391.9	2098.3	1794.3	1497.7	1232.4	1013.4	801.8	619.9	487.3	366.6	260.8
-5°	2323.3	2032.7	1733.2	1447.0	1190.7	991.0	786.9	609.5	482.8	363.6	260.8
-7.5°	2247.3	1964.2	1669.1	1394.9	1149.0	952.3	758.5	593.1	472.4	357.7	259.3
-10°	2129.6	1861.3	1588.6	1335.3	1104.3	918.0	734.7	578.2	463.5	351.7	253.3
-12.5°	2004.4	1748.1	1496.2	1262.2	1053.6	882.2	707.9	561.8	453.0	345.7	250.4
-15°	1871.8	1631.8	1399.3	1186.2	998.5	839.0	679.6	543.9	442.6	338.3	245.9
-17.5°	1733.2	1509.6	1299.5	1108.7	943.3	794.3	649.7	527.5	430.7	330.8	241.4
-20°	1587.1	1384.4	1198.2	1029.8	885.2	749.6	618.5	508.2	417.3	321.9	235.5



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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°	1442.6	1260.8	1093.8	952.3	825.6	703.4	587.2	488.8	402.4	311.5	231.0
-25°	1314.4	1144.5	1001.4	877.8	767.5	658.7	554.4	469.4	386.0	301.0	225.0
-27.5°	1189.2	1044.7	910.5	807.7	710.9	615.5	523.1	448.6	369.6	289.1	219.1
-30°	1073.0	949.3	839.0	739.2	657.2	576.7	496.3	427.7	351.7	277.2	211.6
-32.5°	967.2	867.3	774.9	679.6	606.5	538.0	470.9	406.8	333.8	265.3	204.2
-35°	868.8	791.3	710.9	630.4	555.9	502.2	444.1	384.5	317.4	251.9	196.7
-37.5°	780.9	718.3	654.2	585.7	521.6	467.9	418.8	362.1	301.0	239.9	189.3
-40°	704.9	654.2	597.6	542.5	488.8	438.1	393.4	339.8	284.6	231.0	181.8
-42.5°	634.8	596.1	549.9	503.7	456.0	411.3	368.1	315.9	268.2	220.6	174.4
-45°	581.2	542.5	505.2	463.5	423.2	384.5	341.3	295.1	253.3	208.6	166.9
-47.5°	530.5	496.3	462.0	427.7	394.9	359.2	315.9	277.2	237.0	198.2	160.9
-50°	485.8	453.0	423.2	393.4	365.1	330.8	290.6	259.3	223.5	187.8	153.5
-52.5°	444.1	415.8	386.0	362.1	338.3	304.0	271.2	241.4	210.1	175.8	146.0
-55°	406.8	380.0	353.2	330.8	308.5	278.7	251.9	226.5	196.7	166.9	138.6
-57.5°	371.1	348.7	323.4	302.5	280.2	256.3	234.0	210.1	183.3	158.0	131.1
-60°	338.3	317.4	295.1	274.2	254.8	235.5	214.6	195.2	171.4	147.5	123.7
-62.5°	305.5	287.6	268.2	247.4	232.5	214.6	198.2	178.8	159.5	138.6	110.3
-65°	275.7	259.3	241.4	223.5	210.1	196.7	181.8	163.9	147.5	128.2	98.4
-67.5°	245.9	231.0	216.1	201.2	189.3	178.8	163.9	150.5	137.1	116.2	86.4
-70°	217.6	205.7	192.2	180.3	171.4	159.5	149.0	137.1	125.2	101.3	73.0
-72.5°	190.8	178.8	168.4	159.5	152.0	141.6	132.6	123.7	107.3	84.9	61.1
-75°	159.5	152.0	146.0	138.6	131.1	123.7	116.2	105.8	89.4	68.6	47.7
-77.5°	131.1	126.7	122.2	116.2	110.3	104.3	95.4	84.9	71.5	53.6	38.7
-80°	107.3	102.8	99.8	93.9	89.4	83.5	74.5	65.6	52.2	41.7	31.3
-82.5°	82.0	79.0	76.0	73.0	68.6	62.6	53.6	46.2	38.7	31.3	23.8
-85°	58.1	56.6	53.6	50.7	46.2	41.7	35.8	31.3	26.8	20.9	16.4
-87.5°	29.8	28.3	26.8	25.3	23.8	20.9	17.9	14.9	13.4	10.4	7.5
-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):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	6.0	4.5	1.5	0.0
85°	11.9	7.5	3.0	0.0
82.5°	17.9	11.9	4.5	0.0
80°	23.8	14.9	7.5	0.0
77.5°	29.8	17.9	8.9	0.0
75°	35.8	22.4	10.4	0.0
72.5°	40.2	25.3	11.9	0.0
70°	47.7	29.8	13.4	0.0
67.5°	59.6	32.8	14.9	0.0
65°	70.0	35.8	16.4	0.0
62.5°	82.0	38.7	17.9	0.0
60°	92.4	41.7	19.4	0.0
57.5°	102.8	49.2	20.9	0.0
55°	111.8	55.1	22.4	0.0
52.5°	122.2	61.1	23.8	0.0
50°	131.1	67.1	25.3	0.0
47.5°	138.6	73.0	25.3	0.0
45°	144.6	77.5	26.8	0.0
42.5°	149.0	82.0	28.3	0.0
40°	153.5	86.4	29.8	0.0
37.5°	158.0	90.9	29.8	0.0
35°	162.4	95.4	31.3	0.0
32.5°	166.9	99.8	31.3	0.0
30°	169.9	102.8	32.8	0.0
27.5°	174.4	105.8	32.8	0.0
25°	175.8	108.8	34.3	0.0
22.5°	178.8	110.3	34.3	0.0
20°	181.8	113.3	34.3	0.0
17.5°	183.3	114.7	35.8	0.0
15°	183.3	116.2	37.3	0.0
12.5°	184.8	117.7	37.3	0.0
10°	184.8	120.7	35.8	0.0
7.5°	187.8	119.2	35.8	0.0
5°	186.3	119.2	35.8	0.0
2.5°	184.8	117.7	35.8	0.0
0°	183.3	117.7	35.8	0.0
-2.5°	183.3	117.7	35.8	0.0
-5°	183.3	117.7	35.8	0.0
-7.5°	181.8	119.2	35.8	0.0
-10°	178.8	119.2	35.8	0.0
-12.5°	177.3	114.7	35.8	0.0
-15°	175.8	113.3	35.8	0.0
-17.5°	172.9	111.8	34.3	0.0
-20°	169.9	110.3	34.3	0.0



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 CATALOG NUMBER: IFLD-S-SA3A-740-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	166.9	107.3	34.3	0.0
-25°	163.9	104.3	32.8	0.0
-27.5°	160.9	101.3	32.8	0.0
-30°	156.5	98.4	31.3	0.0
-32.5°	152.0	95.4	31.3	0.0
-35°	149.0	90.9	29.8	0.0
-37.5°	144.6	86.4	29.8	0.0
-40°	140.1	82.0	28.3	0.0
-42.5°	135.6	77.5	26.8	0.0
-45°	129.7	73.0	26.8	0.0
-47.5°	125.2	68.6	25.3	0.0
-50°	117.7	62.6	23.8	0.0
-52.5°	108.8	56.6	22.4	0.0
-55°	99.8	52.2	20.9	0.0
-57.5°	90.9	46.2	20.9	0.0
-60°	82.0	40.2	19.4	0.0
-62.5°	73.0	37.3	17.9	0.0
-65°	64.1	34.3	16.4	0.0
-67.5°	53.6	29.8	14.9	0.0
-70°	44.7	26.8	13.4	0.0
-72.5°	38.7	23.8	11.9	0.0
-75°	32.8	20.9	10.4	0.0
-77.5°	28.3	17.9	8.9	0.0
-80°	22.4	13.4	6.0	0.0
-82.5°	16.4	10.4	4.5	0.0
-85°	10.4	7.5	3.0	0.0
-87.5°	6.0	3.0	1.5	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)