

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: P721999

Luminaire Tested: **IFLD-S-SA6B-727-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P721999
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6B-727-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (96) 2700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

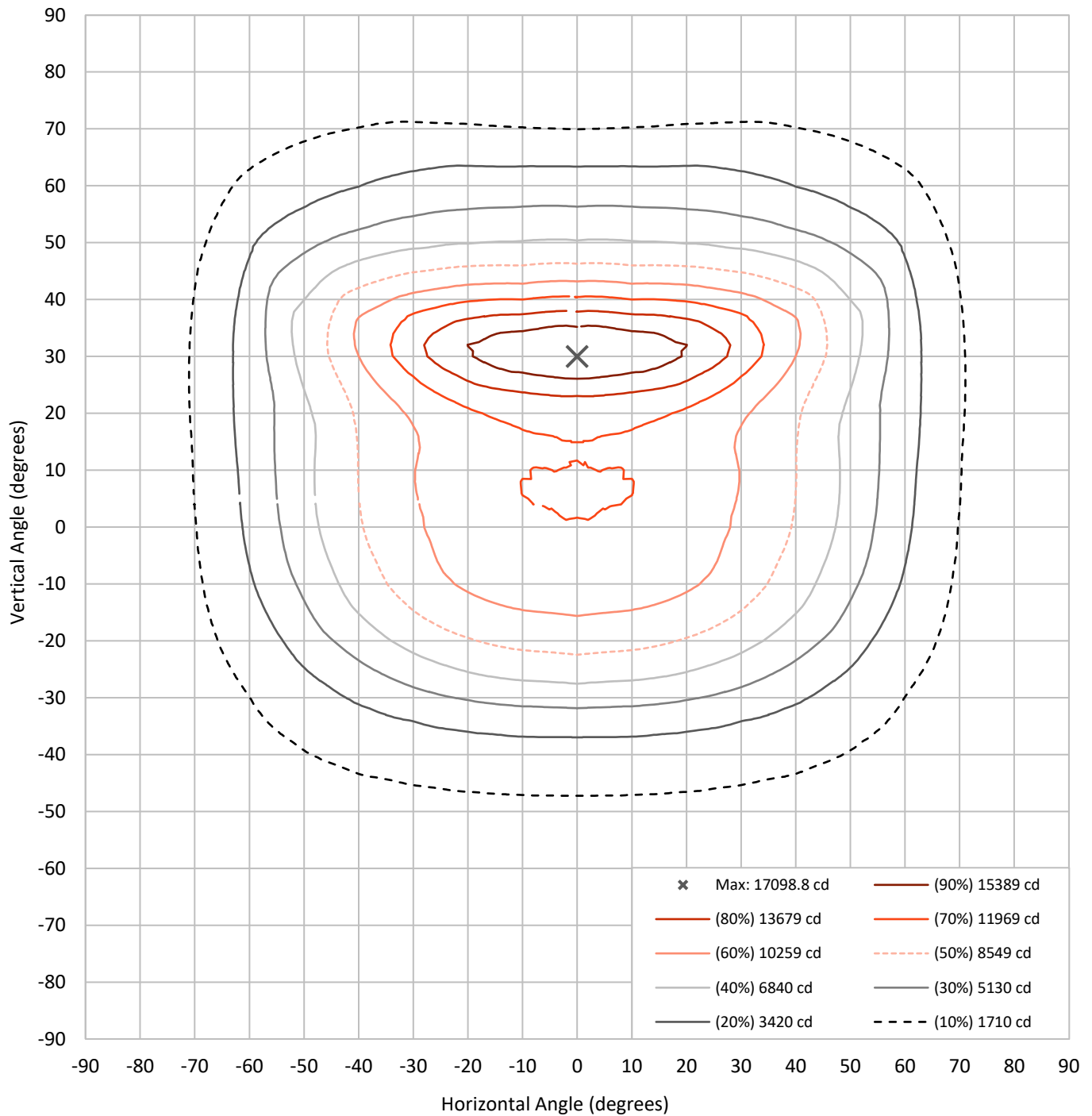
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	28542.1 lumens	Max Intensity:	17098.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	116.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	16597.6 lumens	Field Lumens:	26747.7 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 244.9
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



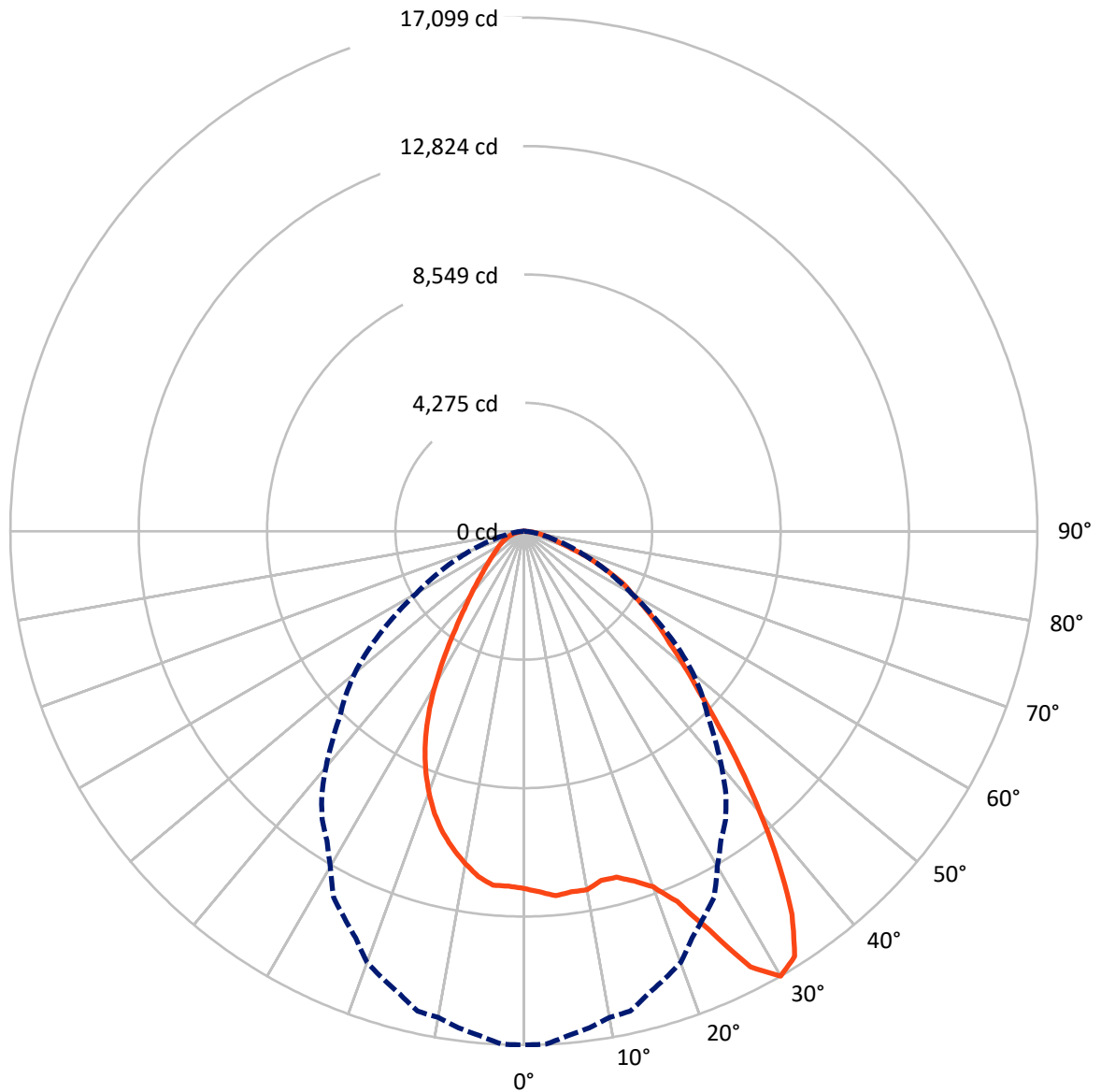
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Iso-Candela Plot



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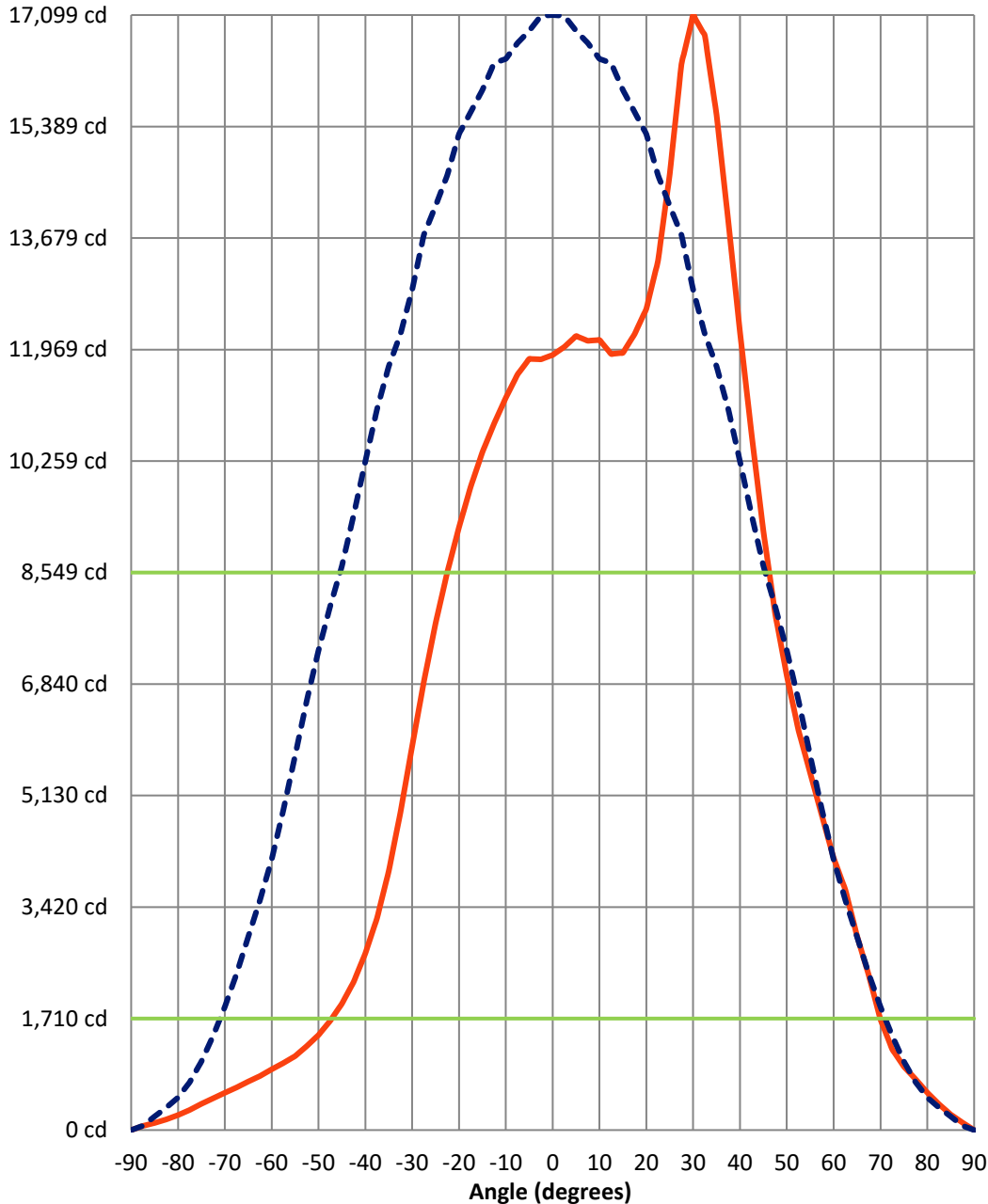
Luminous Intensity Polar Plot



— 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: 16597.6
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 26747.7
 Efficiency: 93.7%

Spill:
 Lumens: 1794.5
 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°	114.9	117.9	120.9	120.9	117.9	117.9	117.9	114.9	117.9	117.9	117.9
85°	238.9	244.9	251.0	247.9	244.9	238.9	232.8	235.8	238.9	241.9	241.9
82.5°	396.1	405.2	411.2	408.2	402.1	396.1	390.1	393.1	399.1	402.1	402.1
80°	574.5	577.5	580.5	586.6	577.5	577.5	574.5	586.6	592.6	598.7	604.7
77.5°	780.1	783.1	783.1	786.1	789.2	792.2	792.2	813.4	828.5	837.6	846.6
75°	973.6	982.7	991.8	1000.8	1012.9	1019.0	1028.0	1058.3	1082.5	1100.6	1118.8
72.5°	1239.7	1251.8	1266.9	1288.1	1309.2	1324.4	1345.5	1381.8	1409.0	1427.2	1448.3
70°	1696.3	1708.4	1723.5	1738.6	1759.8	1774.9	1796.1	1841.4	1868.6	1880.7	1892.8
67.5°	2373.6	2403.8	2431.0	2400.8	2385.7	2364.5	2370.5	2412.9	2440.1	2458.2	2455.2
65°	2975.3	2996.4	2996.4	2993.4	2981.3	2954.1	2969.2	3020.6	3050.9	3066.0	3020.6
62.5°	3682.8	3682.8	3667.7	3691.9	3694.9	3676.8	3667.7	3670.7	3673.7	3682.8	3607.2
60°	4172.6	4202.9	4211.9	4233.1	4239.2	4239.2	4254.3	4266.4	4266.4	4248.2	4160.5
57.5°	4819.7	4877.2	4889.2	4874.1	4843.9	4804.6	4798.5	4780.4	4744.1	4707.8	4665.5
55°	5472.8	5503.0	5500.0	5491.0	5460.7	5415.4	5421.4	5397.2	5339.8	5294.4	5237.0
52.5°	6128.9	6201.5	6213.6	6195.5	6153.1	6104.8	6107.8	6080.6	6023.1	5974.7	5896.1
50°	6966.5	7027.0	7020.9	6990.7	6930.2	6893.9	6897.0	6845.6	6779.0	6763.9	6661.1
47.5°	7925.0	7994.5	7982.4	7940.1	7858.5	7843.4	7858.5	7792.0	7752.6	7719.4	7598.4
45°	9182.8	9264.5	9219.1	9137.5	9007.5	9022.6	9043.7	9031.7	8947.0	8859.3	8705.1
42.5°	10658.4	10709.8	10655.4	10573.7	10410.4	10440.7	10428.6	10356.0	10304.6	10159.5	9962.9
40°	12236.7	12348.6	12263.9	12136.9	11967.6	12013.0	11979.7	11886.0	11765.0	11583.6	11335.7
37.5°	13939.0	14026.7	13930.0	13781.8	13630.6	13615.5	13549.0	13403.9	13231.5	13031.9	12635.8
35°	15568.8	15795.6	15617.2	15381.3	15196.9	15127.3	15063.8	14728.2	14531.7	14208.1	13666.9
32.5°	16781.3	16947.6	16726.8	16481.9	16258.2	16161.4	15937.7	15538.6	15432.7	14752.4	14256.5
30°	17098.8	17086.7	16856.9	16669.4	16427.5	16361.0	15949.8	15611.1	15272.5	14643.6	14171.9
27.5°	16342.8	16267.3	16046.5	15883.3	15644.4	15565.8	15160.6	14979.2	14456.1	13923.9	13524.8
25°	14658.7	14698.0	14531.7	14450.0	14292.8	14123.5	13963.2	13718.3	13391.8	12926.1	12560.3
22.5°	13331.3	13382.7	13313.1	13216.4	13095.4	13001.7	12880.8	12690.3	12375.8	12088.6	11743.9
20°	12593.5	12578.4	12517.9	12445.4	12330.5	12263.9	12130.9	11970.6	11728.8	11480.8	11108.9
17.5°	12206.5	12112.8	12055.3	12028.1	11967.6	11883.0	11725.7	11562.5	11375.0	11093.8	10821.7
15°	11919.2	11934.4	11889.0	11867.8	11819.5	11701.5	11541.3	11408.2	11154.3	11012.1	10764.2
12.5°	11901.1	11886.0	11889.0	11879.9	11819.5	11668.3	11586.6	11417.3	11254.0	11066.6	10782.3
10°	12115.8	11955.5	11967.6	12010.0	11913.2	11792.2	11704.6	11520.1	11365.9	11127.0	10845.8
7.5°	12103.7	12022.0	12046.2	11976.7	12006.9	11858.8	11737.8	11553.4	11359.9	11105.9	10851.9
5°	12176.3	12052.3	12031.1	12037.2	11961.6	11849.7	11686.4	11511.0	11329.6	11045.4	10785.4
2.5°	12010.0	12028.1	11931.3	11895.1	11886.0	11698.5	11547.3	11378.0	11190.5	10939.6	10706.8
0°	11886.0	11919.2	11819.5	11768.1	11765.0	11604.8	11508.0	11314.5	11181.5	10972.8	10691.6
-2.5°	11819.5	11858.8	11870.9	11777.1	11686.4	11562.5	11399.2	11190.5	10972.8	10730.9	10489.1
-5°	11825.5	11746.9	11713.6	11743.9	11665.3	11541.3	11359.9	11175.4	10960.7	10700.7	10398.3
-7.5°	11586.6	11508.0	11502.0	11486.9	11468.7	11350.8	11199.6	11000.1	10782.3	10540.5	10259.3
-10°	11229.8	11172.4	11157.3	11142.2	11093.8	11024.2	10882.1	10700.7	10504.2	10262.3	9962.9
-12.5°	10833.7	10806.5	10749.1	10709.8	10661.4	10579.8	10443.7	10277.4	10080.9	9866.2	9609.2
-15°	10395.3	10343.9	10286.5	10253.2	10183.7	10086.9	9950.8	9796.6	9582.0	9370.3	9128.4
-17.5°	9866.2	9802.7	9739.2	9730.1	9681.7	9533.6	9406.6	9219.1	9031.7	8829.1	8593.2
-20°	9243.3	9155.6	9113.3	9089.1	9022.6	8913.7	8777.7	8605.3	8423.9	8230.4	7958.3



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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°	8553.9	8478.3	8405.8	8360.4	8303.0	8218.3	8088.3	7937.1	7758.7	7541.0	7290.0
-25°	7770.8	7665.0	7619.6	7568.2	7538.0	7459.4	7332.4	7193.3	7008.8	6797.2	6558.3
-27.5°	6875.8	6791.1	6766.9	6694.4	6658.1	6576.4	6470.6	6340.6	6171.3	5971.7	5775.2
-30°	5887.1	5835.7	5796.3	5723.8	5696.6	5608.9	5539.3	5430.5	5276.3	5134.2	4976.9
-32.5°	4871.1	4819.7	4807.6	4774.3	4756.2	4698.8	4620.1	4541.5	4417.6	4311.7	4184.7
-35°	3970.1	3933.8	3936.8	3933.8	3915.6	3873.3	3776.5	3755.4	3664.7	3567.9	3486.3
-37.5°	3250.4	3253.5	3250.4	3247.4	3223.2	3205.1	3135.5	3108.3	3053.9	2960.2	2911.8
-40°	2709.2	2715.2	2712.2	2706.2	2679.0	2669.9	2624.5	2588.2	2567.1	2500.6	2449.2
-42.5°	2270.8	2279.8	2276.8	2273.8	2255.6	2252.6	2228.4	2186.1	2174.0	2134.7	2080.3
-45°	1938.2	1935.1	1929.1	1935.1	1926.1	1917.0	1901.9	1874.7	1859.5	1841.4	1796.1
-47.5°	1675.1	1678.1	1672.1	1672.1	1660.0	1650.9	1644.9	1626.7	1614.6	1599.5	1572.3
-50°	1457.4	1469.5	1466.5	1463.4	1454.4	1448.3	1448.3	1430.2	1412.0	1406.0	1387.9
-52.5°	1288.1	1297.1	1300.2	1306.2	1309.2	1312.3	1303.2	1285.1	1254.8	1251.8	1242.7
-55°	1133.9	1161.1	1179.2	1191.3	1203.4	1212.5	1194.3	1170.2	1139.9	1127.8	1124.8
-57.5°	1028.0	1055.3	1076.4	1094.6	1109.7	1124.8	1106.7	1082.5	1055.3	1040.1	1037.1
-60°	931.3	955.5	976.6	1000.8	1022.0	1046.2	1037.1	1019.0	1003.9	991.8	979.7
-62.5°	828.5	852.7	876.9	907.1	934.3	958.5	961.5	958.5	955.5	958.5	937.3
-65°	743.8	755.9	771.0	804.3	834.5	861.7	876.9	885.9	901.0	916.2	895.0
-67.5°	653.1	668.2	686.4	710.6	734.7	752.9	774.1	798.2	822.4	846.6	831.5
-70°	571.5	583.6	598.7	610.8	625.9	638.0	656.1	683.3	710.6	734.7	728.7
-72.5°	486.8	498.9	508.0	514.0	523.1	529.1	538.2	562.4	580.5	592.6	592.6
-75°	402.1	414.2	423.3	426.3	432.4	435.4	441.5	450.5	459.6	462.6	465.6
-77.5°	308.4	320.5	329.6	335.6	341.7	347.7	350.7	356.8	359.8	359.8	362.8
-80°	229.8	238.9	244.9	254.0	257.0	263.1	269.1	272.1	275.2	275.2	278.2
-82.5°	163.3	169.3	175.4	181.4	187.5	190.5	196.5	199.6	202.6	205.6	208.6
-85°	108.9	114.9	120.9	127.0	130.0	133.0	136.1	139.1	142.1	145.1	148.2
-87.5°	63.5	66.5	69.5	75.6	78.6	84.7	87.7	84.7	87.7	87.7	87.7
-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°	117.9	117.9	117.9	117.9	114.9	108.9	105.8	99.8	93.7	87.7	81.6
85°	244.9	247.9	247.9	247.9	241.9	238.9	229.8	220.7	208.6	190.5	175.4
82.5°	408.2	411.2	411.2	408.2	402.1	393.1	381.0	365.9	341.7	317.5	296.3
80°	613.8	616.8	616.8	613.8	598.7	583.6	568.4	550.3	520.1	486.8	450.5
77.5°	858.7	864.8	864.8	855.7	834.5	816.4	792.2	762.0	716.6	668.2	619.8
75°	1142.9	1158.1	1161.1	1152.0	1124.8	1091.5	1052.2	1000.8	931.3	870.8	813.4
72.5°	1472.5	1487.6	1499.7	1487.6	1448.3	1403.0	1345.5	1285.1	1215.5	1133.9	1037.1
70°	1904.9	1920.0	1929.1	1889.8	1820.2	1744.6	1675.1	1605.6	1523.9	1424.1	1318.3
67.5°	2449.2	2434.0	2415.9	2337.3	2249.6	2158.9	2062.1	1959.3	1853.5	1747.7	1623.7
65°	2972.3	2929.9	2890.6	2796.9	2685.0	2567.1	2455.2	2340.3	2213.3	2080.3	1962.4
62.5°	3522.6	3431.8	3335.1	3220.2	3105.3	2975.3	2863.4	2727.3	2585.2	2421.9	2270.8
60°	4063.8	3954.9	3858.2	3716.1	3564.9	3389.5	3268.6	3135.5	2969.2	2793.9	2615.5
57.5°	4586.9	4469.0	4363.1	4239.2	4075.9	3885.4	3752.4	3580.0	3404.6	3183.9	3002.5
55°	5143.2	5025.3	4940.6	4801.6	4623.2	4447.8	4302.7	4121.2	3876.3	3640.5	3416.7
52.5°	5781.2	5687.5	5596.8	5454.7	5240.0	5061.6	4901.3	4698.8	4441.7	4151.5	3882.4
50°	6494.8	6446.4	6349.7	6183.4	5938.5	5781.2	5569.6	5300.5	5025.3	4719.9	4384.3
47.5°	7441.2	7362.6	7226.5	7045.1	6839.5	6603.7	6319.4	6005.0	5614.9	5276.3	4919.5
45°	8572.1	8426.9	8251.5	8006.6	7752.6	7486.6	7175.1	6776.0	6252.9	5811.5	5436.5
42.5°	9796.6	9600.1	9361.2	9040.7	8711.1	8384.6	8049.0	7504.7	6851.6	6343.6	5920.3
40°	11075.6	10824.7	10525.3	10059.7	9693.8	9273.5	8889.5	8076.2	7380.7	6830.4	6379.9
37.5°	12327.4	12010.0	11508.0	10942.6	10516.3	10171.6	9328.0	8457.2	7834.3	7229.6	6773.0
35°	13285.9	13016.8	12130.9	11544.3	11178.4	10634.2	9578.9	8687.0	8027.8	7525.9	6815.3
32.5°	13854.4	13158.9	12381.9	11789.2	11486.9	10594.9	9597.1	8753.5	8118.5	7556.1	6706.5
30°	13727.4	12886.8	12206.5	11710.6	11054.5	10253.2	9427.8	8650.7	8033.8	7353.5	6585.5
27.5°	12962.4	12312.3	11704.6	11187.5	10543.5	9823.8	9061.9	8378.5	7804.0	7144.9	6419.2
25°	12097.6	11508.0	11057.5	10607.0	9996.2	9309.8	8638.6	8145.7	7568.2	6918.1	6201.5
22.5°	11302.4	10879.1	10525.3	10053.6	9458.0	8859.3	8442.0	7931.0	7338.4	6679.3	5977.8
20°	10794.4	10507.2	10102.0	9582.0	9113.3	8738.4	8275.7	7734.5	7123.7	6434.3	5787.3
17.5°	10549.5	10216.9	9766.4	9427.8	9067.9	8656.7	8139.7	7565.2	6915.1	6322.5	5808.4
15°	10422.5	10071.8	9775.5	9442.9	9037.7	8605.3	8030.8	7435.2	6915.1	6367.8	5823.6
12.5°	10449.7	10147.4	9823.8	9461.0	9025.6	8563.0	8042.9	7489.6	6951.4	6401.1	5826.6
10°	10534.4	10216.9	9872.2	9470.1	9031.7	8575.1	8076.2	7522.8	6969.5	6416.2	5820.5
7.5°	10564.6	10219.9	9851.1	9445.9	9016.5	8569.0	8082.2	7531.9	6972.5	6413.2	5802.4
5°	10470.9	10159.5	9802.7	9394.5	8974.2	8538.8	8058.0	7519.8	6948.4	6382.9	5757.0
2.5°	10343.9	10093.0	9751.3	9358.2	8931.9	8496.5	8018.7	7465.4	6893.9	6328.5	5699.6
0°	10322.8	10011.3	9666.6	9315.9	8862.3	8402.7	7928.0	7362.6	6794.1	6225.7	5599.8
-2.5°	10183.7	9854.1	9509.4	9128.4	8729.3	8266.7	7767.8	7214.4	6652.0	6092.7	5491.0
-5°	10077.8	9712.0	9346.1	8934.9	8532.7	8070.1	7553.1	7014.9	6464.6	5920.3	5339.8
-7.5°	9935.7	9560.8	9176.8	8747.4	8312.0	7840.3	7329.3	6791.1	6249.9	5708.7	5152.3
-10°	9648.5	9318.9	8959.1	8514.6	8055.0	7583.3	7075.3	6546.2	6005.0	5457.7	4898.3
-12.5°	9300.8	8953.0	8560.0	8151.8	7740.6	7302.1	6794.1	6274.1	5729.8	5179.5	4623.2
-15°	8850.2	8508.6	8106.4	7707.3	7311.2	6890.9	6443.4	5974.7	5421.4	4880.2	4323.8
-17.5°	8287.8	7967.3	7607.5	7226.5	6833.5	6410.1	5974.7	5578.6	5061.6	4553.6	4003.3
-20°	7683.1	7383.8	7060.2	6700.4	6307.3	5893.1	5481.9	5067.6	4620.1	4172.6	3661.6



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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°	7054.2	6751.8	6425.3	6089.6	5726.8	5342.8	4961.8	4565.7	4172.6	3767.5	3335.1
-25°	6328.5	6062.4	5763.1	5436.5	5113.0	4777.4	4414.5	4054.7	3719.1	3368.3	3014.6
-27.5°	5569.6	5324.7	5052.5	4768.3	4490.1	4208.9	3894.5	3561.9	3283.7	2993.4	2700.1
-30°	4771.3	4574.8	4354.1	4106.1	3891.4	3664.7	3401.6	3126.5	2872.5	2651.7	2415.9
-32.5°	4015.4	3849.1	3691.9	3528.6	3316.9	3141.6	2960.2	2757.6	2533.8	2325.2	2155.9
-35°	3365.3	3186.9	3120.4	2999.5	2848.3	2694.1	2561.0	2415.9	2246.6	2062.1	1923.0
-37.5°	2818.0	2712.2	2618.5	2552.0	2452.2	2328.2	2222.4	2116.6	1986.5	1847.5	1708.4
-40°	2391.7	2319.1	2216.3	2183.1	2119.6	2034.9	1926.1	1844.4	1756.7	1650.9	1533.0
-42.5°	2050.0	1995.6	1929.1	1871.6	1844.4	1784.0	1699.3	1620.7	1551.1	1478.6	1387.9
-45°	1768.8	1732.6	1690.2	1638.8	1617.7	1569.3	1508.8	1421.1	1381.8	1321.3	1254.8
-47.5°	1542.1	1523.9	1493.7	1460.4	1430.2	1393.9	1339.5	1285.1	1230.6	1191.3	1139.9
-50°	1363.7	1351.6	1333.4	1306.2	1266.9	1242.7	1206.4	1158.1	1106.7	1073.4	1037.1
-52.5°	1221.6	1209.5	1197.4	1176.2	1146.0	1121.8	1091.5	1052.2	1009.9	976.6	946.4
-55°	1112.7	1094.6	1085.5	1067.3	1043.2	1015.9	988.7	961.5	925.2	895.0	864.8
-57.5°	1028.0	1003.9	991.8	976.6	952.5	925.2	904.1	876.9	852.7	819.4	792.2
-60°	961.5	934.3	910.1	895.0	873.8	846.6	825.5	804.3	780.1	752.9	719.6
-62.5°	907.1	873.8	840.6	822.4	801.3	777.1	755.9	734.7	710.6	683.3	653.1
-65°	855.7	816.4	774.1	755.9	734.7	710.6	683.3	668.2	647.1	622.9	592.6
-67.5°	792.2	749.9	713.6	692.4	671.3	650.1	625.9	610.8	589.6	559.4	529.1
-70°	698.5	671.3	647.1	628.9	610.8	592.6	568.4	544.3	520.1	492.9	465.6
-72.5°	580.5	571.5	568.4	559.4	538.2	517.0	492.9	468.7	447.5	426.3	405.2
-75°	468.7	474.7	480.8	477.7	456.6	435.4	414.2	393.1	378.0	359.8	341.7
-77.5°	371.9	378.0	384.0	384.0	368.9	356.8	341.7	326.6	314.5	299.3	281.2
-80°	287.2	296.3	305.4	311.4	299.3	290.3	278.2	266.1	254.0	241.9	229.8
-82.5°	217.7	226.8	235.8	241.9	232.8	226.8	217.7	208.6	199.6	187.5	178.4
-85°	157.2	163.3	169.3	172.3	166.3	160.3	154.2	148.2	142.1	133.0	127.0
-87.5°	90.7	93.7	96.8	99.8	93.7	87.7	84.7	78.6	75.6	69.5	66.5
-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°	75.6	69.5	63.5	60.5	54.4	45.4	39.3	33.3	27.2	21.2	18.1
85°	160.3	145.1	127.0	117.9	105.8	93.7	81.6	69.5	57.4	45.4	33.3
82.5°	275.2	257.0	238.9	217.7	190.5	157.2	124.0	102.8	84.7	66.5	51.4
80°	414.2	381.0	350.7	323.5	293.3	251.0	205.6	163.3	114.9	87.7	66.5
77.5°	574.5	535.2	492.9	447.5	399.1	341.7	290.3	235.8	178.4	120.9	84.7
75°	755.9	704.5	647.1	583.6	520.1	444.5	371.9	308.4	241.9	169.3	102.8
72.5°	958.5	895.0	825.5	740.8	641.0	553.3	465.6	381.0	302.4	214.7	139.1
70°	1218.5	1118.8	1015.9	925.2	798.2	659.2	556.4	459.6	359.8	263.1	175.4
67.5°	1496.7	1375.8	1251.8	1118.8	958.5	795.2	647.1	538.2	420.3	308.4	208.6
65°	1799.1	1647.9	1490.7	1342.5	1121.8	928.3	762.0	613.8	477.7	350.7	241.9
62.5°	2110.5	1932.1	1750.7	1557.2	1303.2	1064.3	870.8	698.5	532.2	390.1	272.1
60°	2443.1	2234.5	2013.8	1771.9	1475.5	1212.5	973.6	786.1	589.6	429.4	305.4
57.5°	2793.9	2567.1	2307.0	1980.5	1653.9	1354.6	1091.5	864.8	641.0	465.6	329.6
55°	3174.8	2914.8	2630.6	2198.2	1829.3	1496.7	1209.5	943.4	695.4	495.9	353.8
52.5°	3586.1	3283.7	2923.9	2428.0	2013.8	1641.8	1318.3	1012.9	746.8	529.1	374.9
50°	4045.6	3664.7	3180.9	2639.6	2174.0	1777.9	1427.2	1088.5	789.2	565.4	393.1
47.5°	4523.4	4112.2	3410.7	2836.2	2337.3	1910.9	1539.0	1155.0	831.5	595.7	411.2
45°	5022.3	4423.6	3649.5	3011.6	2479.4	2031.9	1623.7	1215.5	882.9	622.9	426.3
42.5°	5515.1	4659.4	3858.2	3186.9	2612.4	2140.7	1693.2	1273.0	925.2	650.1	441.5
40°	5748.0	4837.8	4024.5	3307.9	2724.3	2237.5	1753.7	1324.4	961.5	668.2	456.6
37.5°	5844.7	4946.7	4133.3	3422.8	2812.0	2288.9	1805.1	1369.7	991.8	686.4	468.7
35°	5865.9	4986.0	4187.8	3501.4	2884.6	2337.3	1844.4	1403.0	1015.9	704.5	480.8
32.5°	5826.6	4973.9	4202.9	3528.6	2929.9	2373.6	1871.6	1427.2	1034.1	722.7	492.9
30°	5738.9	4910.4	4148.5	3525.6	2963.2	2394.7	1889.8	1445.3	1052.2	734.7	498.9
27.5°	5596.8	4798.5	4078.9	3528.6	2981.3	2403.8	1898.9	1454.4	1064.3	743.8	511.0
25°	5421.4	4647.4	4081.9	3522.6	2984.3	2406.8	1898.9	1454.4	1067.3	746.8	520.1
22.5°	5218.8	4647.4	4081.9	3513.5	2966.2	2400.8	1889.8	1448.3	1067.3	752.9	529.1
20°	5230.9	4650.4	4072.9	3495.3	2939.0	2382.6	1868.6	1433.2	1058.3	762.0	535.2
17.5°	5240.0	4644.3	4054.7	3471.2	2902.7	2352.4	1841.4	1412.0	1058.3	771.0	538.2
15°	5240.0	4626.2	4027.5	3434.9	2857.4	2310.1	1802.1	1393.9	1061.3	774.1	544.3
12.5°	5230.9	4592.9	3985.2	3386.5	2802.9	2258.7	1777.9	1387.9	1061.3	777.1	544.3
10°	5212.8	4547.6	3930.7	3326.0	2751.5	2240.5	1765.8	1375.8	1055.3	777.1	544.3
7.5°	5179.5	4493.1	3885.4	3289.7	2721.3	2219.4	1747.7	1357.6	1046.2	771.0	550.3
5°	5128.1	4462.9	3849.1	3247.4	2679.0	2204.2	1735.6	1342.5	1040.1	771.0	544.3
2.5°	5061.6	4426.6	3806.8	3193.0	2630.6	2152.8	1696.3	1309.2	1019.0	758.9	538.2
0°	4952.7	4354.1	3734.2	3117.4	2564.1	2101.4	1657.0	1276.0	997.8	746.8	532.2
-2.5°	4853.0	4257.3	3640.5	3038.8	2500.6	2056.1	1626.7	1257.8	988.7	743.8	529.1
-5°	4713.9	4124.3	3516.5	2936.0	2415.9	2010.7	1596.5	1236.7	979.7	737.8	529.1
-7.5°	4559.7	3985.2	3386.5	2830.1	2331.2	1932.1	1539.0	1203.4	958.5	725.7	526.1
-10°	4320.8	3776.5	3223.2	2709.2	2240.5	1862.6	1490.7	1173.2	940.4	713.6	514.0
-12.5°	4066.8	3546.7	3035.7	2561.0	2137.7	1790.0	1436.2	1139.9	919.2	701.5	508.0
-15°	3797.7	3310.9	2839.2	2406.8	2025.8	1702.3	1378.8	1103.6	898.0	686.4	498.9
-17.5°	3516.5	3063.0	2636.6	2249.6	1914.0	1611.6	1318.3	1070.4	873.8	671.3	489.8
-20°	3220.2	2809.0	2431.0	2089.3	1796.1	1520.9	1254.8	1031.1	846.6	653.1	477.7



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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°	2926.9	2558.0	2219.4	1932.1	1675.1	1427.2	1191.3	991.8	816.4	631.9	468.7
-25°	2666.9	2322.2	2031.9	1780.9	1557.2	1336.5	1124.8	952.5	783.1	610.8	456.6
-27.5°	2412.9	2119.6	1847.5	1638.8	1442.3	1248.8	1061.3	910.1	749.9	586.6	444.5
-30°	2177.0	1926.1	1702.3	1499.7	1333.4	1170.2	1006.9	867.8	713.6	562.4	429.4
-32.5°	1962.4	1759.8	1572.3	1378.8	1230.6	1091.5	955.5	825.5	677.3	538.2	414.2
-35°	1762.8	1605.6	1442.3	1279.0	1127.8	1019.0	901.0	780.1	644.0	511.0	399.1
-37.5°	1584.4	1457.4	1327.4	1188.3	1058.3	949.4	849.6	734.7	610.8	486.8	384.0
-40°	1430.2	1327.4	1212.5	1100.6	991.8	889.0	798.2	689.4	577.5	468.7	368.9
-42.5°	1288.1	1209.5	1115.7	1022.0	925.2	834.5	746.8	641.0	544.3	447.5	353.8
-45°	1179.2	1100.6	1025.0	940.4	858.7	780.1	692.4	598.7	514.0	423.3	338.6
-47.5°	1076.4	1006.9	937.3	867.8	801.3	728.7	641.0	562.4	480.8	402.1	326.6
-50°	985.7	919.2	858.7	798.2	740.8	671.3	589.6	526.1	453.5	381.0	311.4
-52.5°	901.0	843.6	783.1	734.7	686.4	616.8	550.3	489.8	426.3	356.8	296.3
-55°	825.5	771.0	716.6	671.3	625.9	565.4	511.0	459.6	399.1	338.6	281.2
-57.5°	752.9	707.5	656.1	613.8	568.4	520.1	474.7	426.3	371.9	320.5	266.1
-60°	686.4	644.0	598.7	556.4	517.0	477.7	435.4	396.1	347.7	299.3	251.0
-62.5°	619.8	583.6	544.3	501.9	471.7	435.4	402.1	362.8	323.5	281.2	223.8
-65°	559.4	526.1	489.8	453.5	426.3	399.1	368.9	332.6	299.3	260.0	199.6
-67.5°	498.9	468.7	438.4	408.2	384.0	362.8	332.6	305.4	278.2	235.8	175.4
-70°	441.5	417.3	390.1	365.9	347.7	323.5	302.4	278.2	254.0	205.6	148.2
-72.5°	387.0	362.8	341.7	323.5	308.4	287.2	269.1	251.0	217.7	172.3	124.0
-75°	323.5	308.4	296.3	281.2	266.1	251.0	235.8	214.7	181.4	139.1	96.8
-77.5°	266.1	257.0	247.9	235.8	223.8	211.7	193.5	172.3	145.1	108.9	78.6
-80°	217.7	208.6	202.6	190.5	181.4	169.3	151.2	133.0	105.8	84.7	63.5
-82.5°	166.3	160.3	154.2	148.2	139.1	127.0	108.9	93.7	78.6	63.5	48.4
-85°	117.9	114.9	108.9	102.8	93.7	84.7	72.6	63.5	54.4	42.3	33.3
-87.5°	60.5	57.4	54.4	51.4	48.4	42.3	36.3	30.2	27.2	21.2	15.1
-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°	12.1	9.1	3.0	0.0
85°	24.2	15.1	6.0	0.0
82.5°	36.3	24.2	9.1	0.0
80°	48.4	30.2	15.1	0.0
77.5°	60.5	36.3	18.1	0.0
75°	72.6	45.4	21.2	0.0
72.5°	81.6	51.4	24.2	0.0
70°	96.8	60.5	27.2	0.0
67.5°	120.9	66.5	30.2	0.0
65°	142.1	72.6	33.3	0.0
62.5°	166.3	78.6	36.3	0.0
60°	187.5	84.7	39.3	0.0
57.5°	208.6	99.8	42.3	0.0
55°	226.8	111.9	45.4	0.0
52.5°	247.9	124.0	48.4	0.0
50°	266.1	136.1	51.4	0.0
47.5°	281.2	148.2	51.4	0.0
45°	293.3	157.2	54.4	0.0
42.5°	302.4	166.3	57.4	0.0
40°	311.4	175.4	60.5	0.0
37.5°	320.5	184.4	60.5	0.0
35°	329.6	193.5	63.5	0.0
32.5°	338.6	202.6	63.5	0.0
30°	344.7	208.6	66.5	0.0
27.5°	353.8	214.7	66.5	0.0
25°	356.8	220.7	69.5	0.0
22.5°	362.8	223.8	69.5	0.0
20°	368.9	229.8	69.5	0.0
17.5°	371.9	232.8	72.6	0.0
15°	371.9	235.8	75.6	0.0
12.5°	374.9	238.9	75.6	0.0
10°	374.9	244.9	72.6	0.0
7.5°	381.0	241.9	72.6	0.0
5°	378.0	241.9	72.6	0.0
2.5°	374.9	238.9	72.6	0.0
0°	371.9	238.9	72.6	0.0
-2.5°	371.9	238.9	72.6	0.0
-5°	371.9	238.9	72.6	0.0
-7.5°	368.9	241.9	72.6	0.0
-10°	362.8	241.9	72.6	0.0
-12.5°	359.8	232.8	72.6	0.0
-15°	356.8	229.8	72.6	0.0
-17.5°	350.7	226.8	69.5	0.0
-20°	344.7	223.8	69.5	0.0



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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	338.6	217.7	69.5	0.0
-25°	332.6	211.7	66.5	0.0
-27.5°	326.6	205.6	66.5	0.0
-30°	317.5	199.6	63.5	0.0
-32.5°	308.4	193.5	63.5	0.0
-35°	302.4	184.4	60.5	0.0
-37.5°	293.3	175.4	60.5	0.0
-40°	284.2	166.3	57.4	0.0
-42.5°	275.2	157.2	54.4	0.0
-45°	263.1	148.2	54.4	0.0
-47.5°	254.0	139.1	51.4	0.0
-50°	238.9	127.0	48.4	0.0
-52.5°	220.7	114.9	45.4	0.0
-55°	202.6	105.8	42.3	0.0
-57.5°	184.4	93.7	42.3	0.0
-60°	166.3	81.6	39.3	0.0
-62.5°	148.2	75.6	36.3	0.0
-65°	130.0	69.5	33.3	0.0
-67.5°	108.9	60.5	30.2	0.0
-70°	90.7	54.4	27.2	0.0
-72.5°	78.6	48.4	24.2	0.0
-75°	66.5	42.3	21.2	0.0
-77.5°	57.4	36.3	18.1	0.0
-80°	45.4	27.2	12.1	0.0
-82.5°	33.3	21.2	9.1	0.0
-85°	21.2	15.1	6.0	0.0
-87.5°	12.1	6.0	3.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)