

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: P722269

Luminaire Tested: **IFLD-L-SA7A-930-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722269
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7A-930-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (112) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

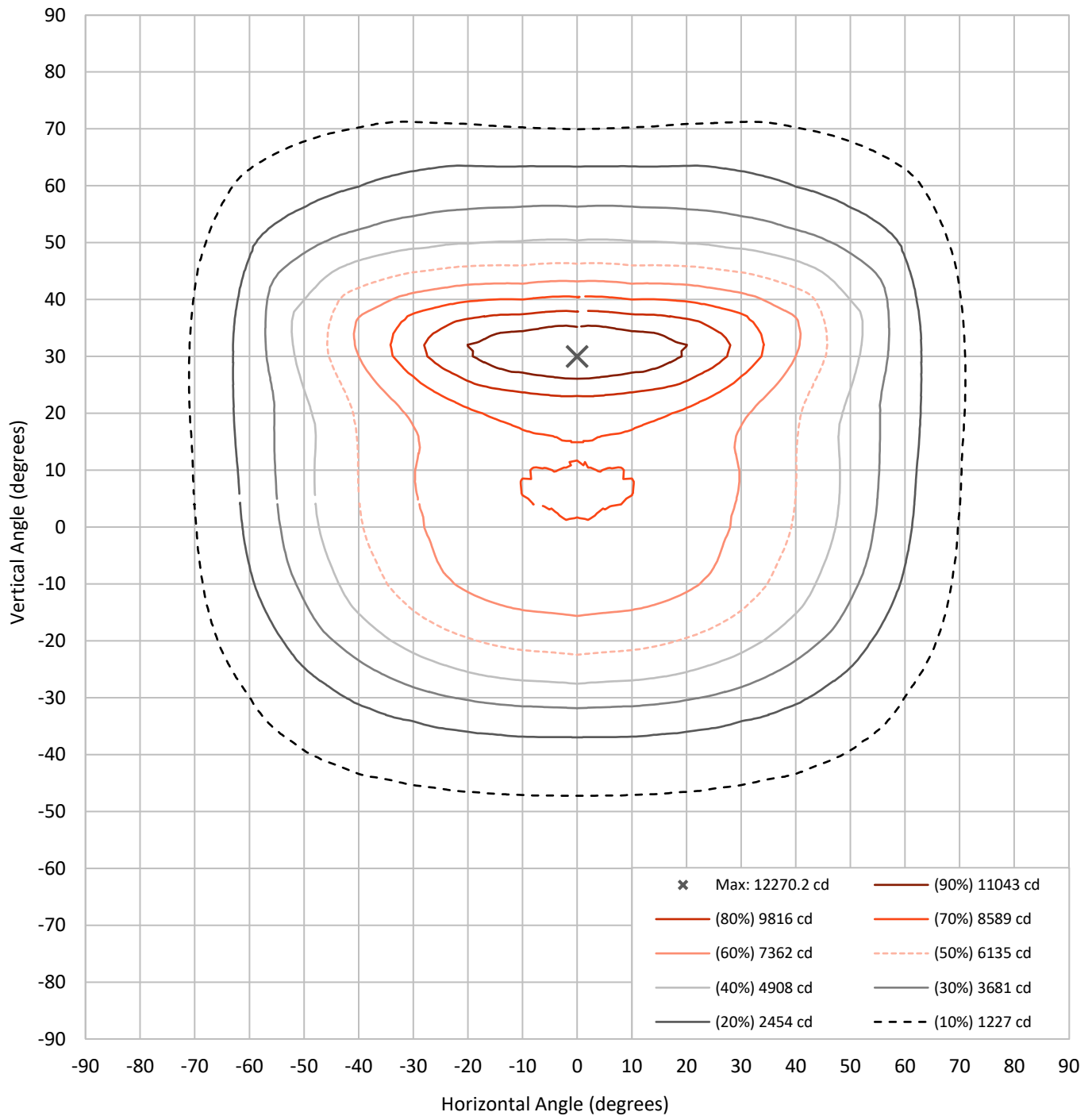
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	20482.1 lumens	Max Intensity:	12270.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	94.1 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	11910.6 lumens	Field Lumens:	19194.3 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 217.6
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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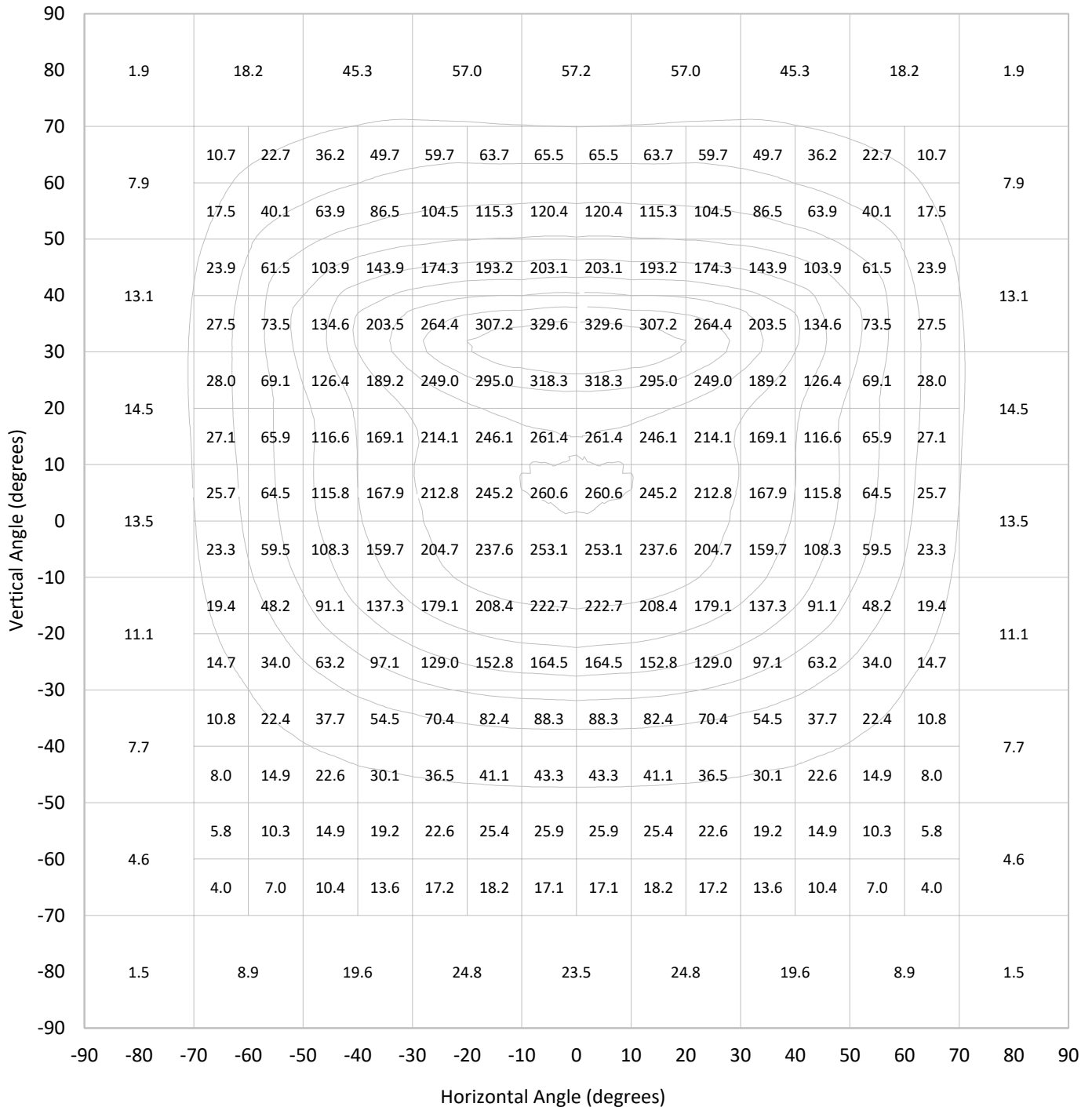
Iso-Candela Plot





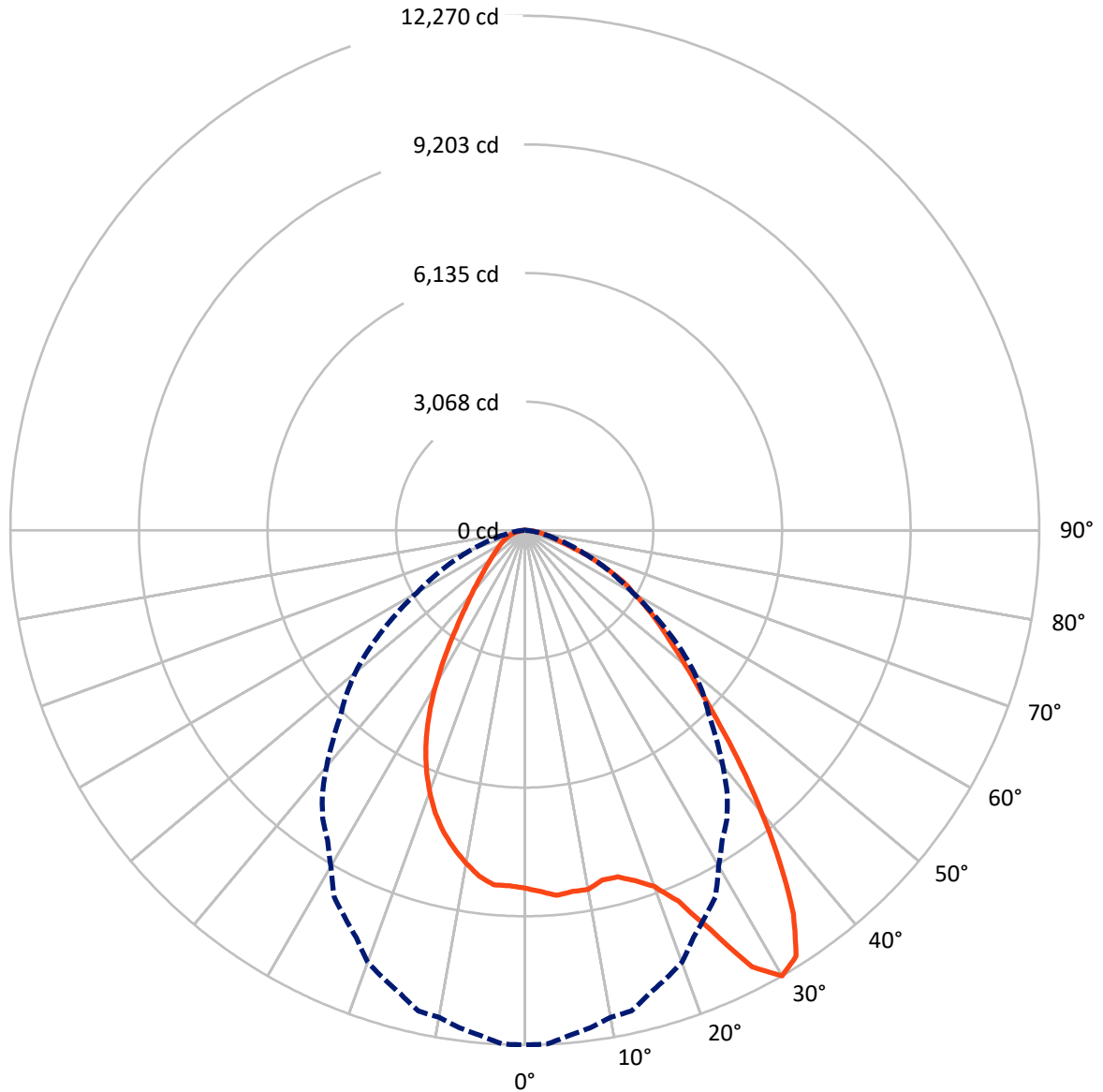
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Lumen Table



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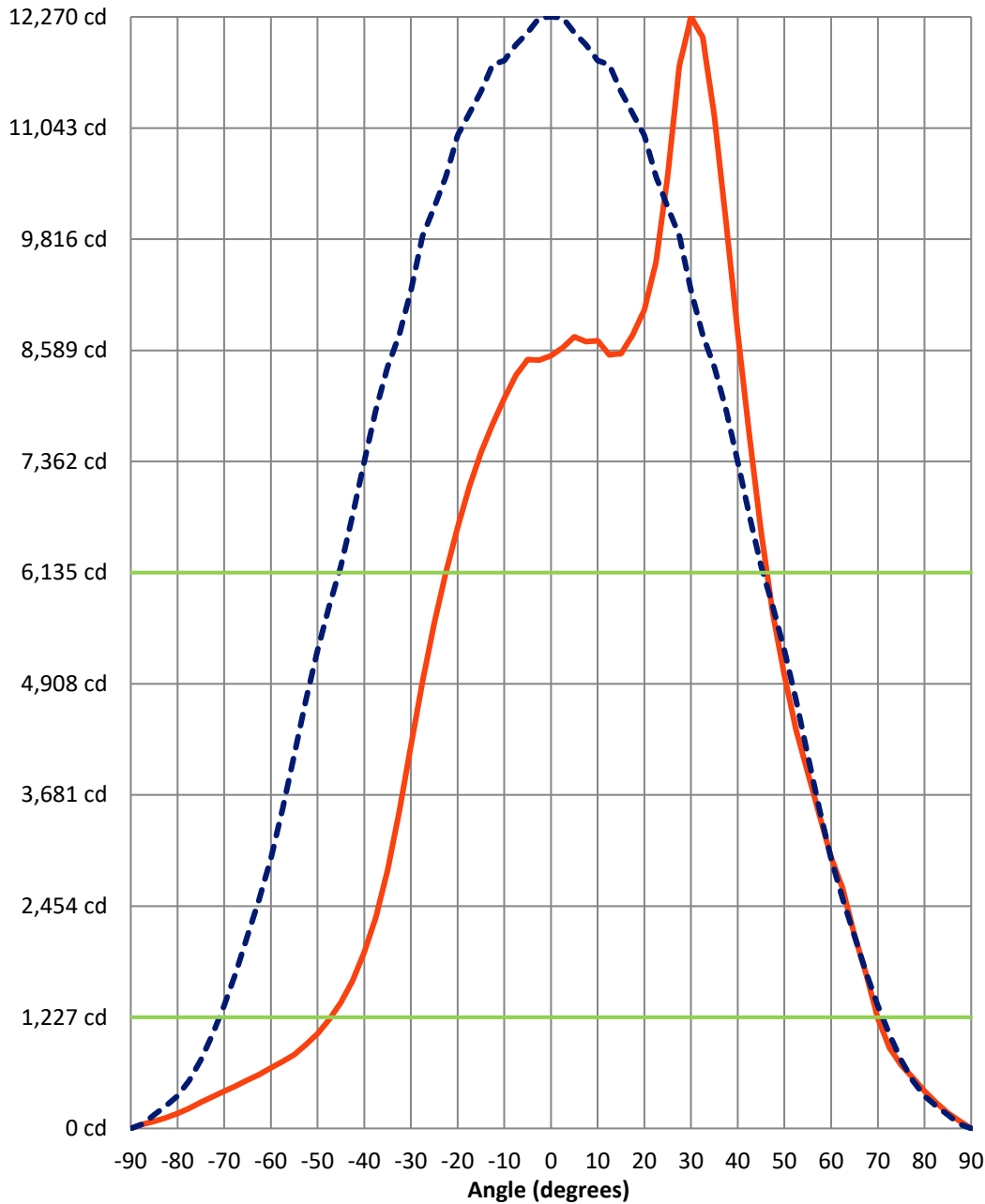
Luminous Intensity Polar Plot



— 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: 11910.6
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 19194.3
 Efficiency: 93.7%

Spill:
 Lumens: 1287.7
 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°	82.5	84.6	86.8	86.8	84.6	84.6	84.6	82.5	84.6	84.6	84.6
85°	171.4	175.8	180.1	177.9	175.8	171.4	167.1	169.2	171.4	173.6	173.6
82.5°	284.2	290.8	295.1	292.9	288.6	284.2	279.9	282.1	286.4	288.6	288.6
80°	412.3	414.4	416.6	420.9	414.4	414.4	412.3	420.9	425.3	429.6	434.0
77.5°	559.8	562.0	562.0	564.1	566.3	568.5	568.5	583.7	594.5	601.0	607.5
75°	698.7	705.2	711.7	718.2	726.9	731.2	737.7	759.4	776.8	789.8	802.8
72.5°	889.6	898.3	909.1	924.3	939.5	950.4	965.6	991.6	1011.1	1024.1	1039.3
70°	1217.3	1225.9	1236.8	1247.6	1262.8	1273.7	1288.9	1321.4	1340.9	1349.6	1358.3
67.5°	1703.3	1725.0	1744.5	1722.8	1712.0	1696.8	1701.1	1731.5	1751.0	1764.0	1761.9
65°	2135.1	2150.3	2150.3	2148.1	2139.4	2119.9	2130.7	2167.6	2189.3	2200.2	2167.6
62.5°	2642.8	2642.8	2632.0	2649.3	2651.5	2638.5	2632.0	2634.1	2636.3	2642.8	2588.6
60°	2994.3	3016.0	3022.5	3037.7	3042.1	3042.1	3052.9	3061.6	3061.6	3048.6	2985.6
57.5°	3458.7	3499.9	3508.6	3497.7	3476.0	3447.8	3443.5	3430.5	3404.4	3378.4	3348.0
55°	3927.3	3949.0	3946.9	3940.4	3918.7	3886.1	3890.4	3873.1	3831.9	3799.3	3758.1
52.5°	4398.2	4450.3	4458.9	4445.9	4415.5	4380.8	4383.0	4363.5	4322.2	4287.5	4231.1
50°	4999.2	5042.6	5038.3	5016.6	4973.2	4947.1	4949.3	4912.4	4864.7	4853.8	4780.1
47.5°	5687.0	5736.9	5728.3	5697.9	5639.3	5628.5	5639.3	5591.6	5563.4	5539.5	5452.7
45°	6589.7	6648.3	6615.7	6557.1	6463.8	6474.7	6489.9	6481.2	6420.4	6357.5	6246.8
42.5°	7648.5	7685.4	7646.4	7587.8	7470.6	7492.3	7483.6	7431.6	7394.7	7290.5	7149.5
40°	8781.2	8861.5	8800.7	8709.6	8588.1	8620.6	8596.7	8529.5	8442.7	8312.5	8134.6
37.5°	10002.8	10065.7	9996.3	9889.9	9781.5	9770.6	9722.9	9618.7	9495.0	9351.8	9067.6
35°	11172.3	11335.0	11207.0	11037.8	10905.4	10855.5	10809.9	10569.1	10428.1	10195.9	9807.5
32.5°	12042.4	12161.7	12003.3	11827.6	11667.0	11597.6	11437.0	11150.6	11074.7	10586.4	10230.6
30°	12270.2	12261.5	12096.6	11962.1	11788.5	11740.8	11445.7	11202.7	10959.7	10508.3	10169.8
27.5°	11727.8	11673.5	11515.1	11397.9	11226.5	11170.1	10879.4	10749.2	10373.8	9991.9	9705.5
25°	10519.2	10547.4	10428.1	10369.5	10256.6	10135.1	10020.1	9844.4	9610.0	9275.9	9013.3
22.5°	9566.6	9603.5	9553.6	9484.2	9397.4	9330.1	9243.3	9106.6	8881.0	8674.9	8427.5
20°	9037.2	9026.4	8983.0	8930.9	8848.4	8800.7	8705.2	8590.2	8416.6	8238.7	7971.8
17.5°	8759.5	8692.2	8651.0	8631.5	8588.1	8527.3	8414.5	8297.3	8162.8	7961.0	7765.7
15°	8553.3	8564.2	8531.6	8516.5	8481.7	8397.1	8282.1	8186.6	8004.4	7902.4	7724.5
12.5°	8540.3	8529.5	8531.6	8525.1	8481.7	8373.3	8314.7	8193.2	8076.0	7941.5	7737.5
10°	8694.4	8579.4	8588.1	8618.4	8549.0	8462.2	8399.3	8266.9	8156.3	7984.9	7783.1
7.5°	8685.7	8627.1	8644.5	8594.6	8616.3	8509.9	8423.2	8290.8	8151.9	7969.7	7787.4
5°	8737.8	8648.8	8633.6	8638.0	8583.7	8503.4	8386.3	8260.4	8130.2	7926.3	7739.7
2.5°	8618.4	8631.5	8562.0	8536.0	8529.5	8394.9	8286.5	8165.0	8030.4	7850.3	7683.3
0°	8529.5	8553.3	8481.7	8444.9	8442.7	8327.7	8258.3	8119.4	8023.9	7874.2	7672.4
-2.5°	8481.7	8509.9	8518.6	8451.4	8386.3	8297.3	8180.1	8030.4	7874.2	7700.6	7527.0
-5°	8486.1	8429.7	8405.8	8427.5	8371.1	8282.1	8151.9	8019.6	7865.5	7678.9	7461.9
-7.5°	8314.7	8258.3	8253.9	8243.1	8230.0	8145.4	8036.9	7893.7	7737.5	7563.9	7362.1
-10°	8058.6	8017.4	8006.6	7995.7	7961.0	7911.1	7809.1	7678.9	7537.9	7364.3	7149.5
-12.5°	7774.4	7754.9	7713.6	7685.4	7650.7	7592.1	7494.5	7375.1	7234.1	7080.1	6895.6
-15°	7459.8	7422.9	7381.7	7357.8	7307.9	7238.4	7140.8	7030.1	6876.1	6724.2	6550.6
-17.5°	7080.1	7034.5	6988.9	6982.4	6947.7	6841.4	6750.2	6615.7	6481.2	6335.8	6166.6
-20°	6633.1	6570.1	6539.8	6522.4	6474.7	6396.6	6298.9	6175.2	6045.1	5906.2	5710.9



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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°	6138.4	6084.1	6032.0	5999.5	5958.3	5897.5	5804.2	5695.7	5567.7	5411.5	5231.4
-25°	5576.4	5500.4	5467.9	5431.0	5409.3	5352.9	5261.8	5161.9	5029.6	4877.7	4706.3
-27.5°	4934.1	4873.4	4856.0	4803.9	4777.9	4719.3	4643.4	4550.1	4428.6	4285.4	4144.3
-30°	4224.6	4187.7	4159.5	4107.4	4087.9	4025.0	3975.1	3897.0	3786.3	3684.3	3571.5
-32.5°	3495.5	3458.7	3450.0	3426.1	3413.1	3371.9	3315.5	3259.0	3170.1	3094.1	3003.0
-35°	2848.9	2822.9	2825.1	2822.9	2809.9	2779.5	2710.1	2694.9	2629.8	2560.4	2501.8
-37.5°	2332.5	2334.7	2332.5	2330.4	2313.0	2300.0	2250.1	2230.6	2191.5	2124.2	2089.5
-40°	1944.1	1948.5	1946.3	1942.0	1922.4	1915.9	1883.4	1857.3	1842.2	1794.4	1757.5
-42.5°	1629.5	1636.0	1633.9	1631.7	1618.7	1616.5	1599.1	1568.8	1560.1	1531.9	1492.8
-45°	1390.8	1388.7	1384.3	1388.7	1382.2	1375.7	1364.8	1345.3	1334.4	1321.4	1288.9
-47.5°	1202.1	1204.2	1199.9	1199.9	1191.2	1184.7	1180.4	1167.4	1158.7	1147.8	1128.3
-50°	1045.8	1054.5	1052.4	1050.2	1043.7	1039.3	1039.3	1026.3	1013.3	1009.0	995.9
-52.5°	924.3	930.8	933.0	937.4	939.5	941.7	935.2	922.2	900.5	898.3	891.8
-55°	813.7	833.2	846.2	854.9	863.6	870.1	857.1	839.7	818.0	809.3	807.2
-57.5°	737.7	757.3	772.4	785.5	796.3	807.2	794.1	776.8	757.3	746.4	744.2
-60°	668.3	685.7	700.8	718.2	733.4	750.8	744.2	731.2	720.4	711.7	703.0
-62.5°	594.5	611.9	629.2	650.9	670.5	687.8	690.0	687.8	685.7	687.8	672.6
-65°	533.8	542.4	553.3	577.2	598.9	618.4	629.2	635.8	646.6	657.4	642.3
-67.5°	468.7	479.5	492.5	509.9	527.3	540.3	555.5	572.8	590.2	607.5	596.7
-70°	410.1	418.8	429.6	438.3	449.1	457.8	470.8	490.4	509.9	527.3	522.9
-72.5°	349.3	358.0	364.5	368.9	375.4	379.7	386.2	403.6	416.6	425.3	425.3
-75°	288.6	297.3	303.8	305.9	310.3	312.5	316.8	323.3	329.8	332.0	334.1
-77.5°	221.3	230.0	236.5	240.8	245.2	249.5	251.7	256.0	258.2	258.2	260.4
-80°	164.9	171.4	175.8	182.3	184.4	188.8	193.1	195.3	197.5	197.5	199.6
-82.5°	117.2	121.5	125.8	130.2	134.5	136.7	141.0	143.2	145.4	147.5	149.7
-85°	78.1	82.5	86.8	91.1	93.3	95.5	97.6	99.8	102.0	104.2	106.3
-87.5°	45.6	47.7	49.9	54.2	56.4	60.8	62.9	60.8	62.9	62.9	62.9
-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°	84.6	84.6	84.6	84.6	82.5	78.1	75.9	71.6	67.3	62.9	58.6
85°	175.8	177.9	177.9	177.9	173.6	171.4	164.9	158.4	149.7	136.7	125.8
82.5°	292.9	295.1	295.1	292.9	288.6	282.1	273.4	262.5	245.2	227.8	212.6
80°	440.5	442.6	442.6	440.5	429.6	418.8	407.9	394.9	373.2	349.3	323.3
77.5°	616.2	620.6	620.6	614.1	598.9	585.8	568.5	546.8	514.2	479.5	444.8
75°	820.2	831.0	833.2	826.7	807.2	783.3	755.1	718.2	668.3	624.9	583.7
72.5°	1056.7	1067.5	1076.2	1067.5	1039.3	1006.8	965.6	922.2	872.3	813.7	744.2
70°	1367.0	1377.8	1384.3	1356.1	1306.2	1252.0	1202.1	1152.2	1093.6	1022.0	946.0
67.5°	1757.5	1746.7	1733.7	1677.3	1614.3	1549.2	1479.8	1406.0	1330.1	1254.1	1165.2
65°	2132.9	2102.5	2074.3	2007.1	1926.8	1842.2	1761.9	1679.4	1588.3	1492.8	1408.2
62.5°	2527.8	2462.7	2393.3	2310.8	2228.4	2135.1	2054.8	1957.2	1855.2	1738.0	1629.5
60°	2916.2	2838.1	2768.7	2666.7	2558.2	2432.3	2345.6	2250.1	2130.7	2004.9	1876.9
57.5°	3291.6	3207.0	3131.0	3042.1	2924.9	2788.2	2692.7	2569.0	2443.2	2284.8	2154.6
55°	3690.8	3606.2	3545.5	3445.6	3317.6	3191.8	3087.6	2957.4	2781.7	2612.4	2451.9
52.5°	4148.7	4081.4	4016.3	3914.3	3760.3	3632.2	3517.2	3371.9	3187.4	2979.1	2786.0
50°	4660.7	4626.0	4556.6	4437.2	4261.5	4148.7	3996.8	3803.7	3606.2	3387.1	3146.2
47.5°	5339.9	5283.5	5185.8	5055.6	4908.1	4738.8	4534.9	4309.2	4029.3	3786.3	3530.3
45°	6151.4	6047.2	5921.4	5745.6	5563.4	5372.4	5148.9	4862.5	4487.1	4170.4	3901.3
42.5°	7030.1	6889.1	6717.7	6487.7	6251.2	6016.9	5776.0	5385.4	4916.8	4552.2	4248.5
40°	7948.0	7767.9	7553.1	7218.9	6956.4	6654.8	6379.2	5795.5	5296.5	4901.6	4578.3
37.5°	8846.3	8618.4	8258.3	7852.5	7546.6	7299.2	6693.8	6068.9	5621.9	5188.0	4860.3
35°	9534.1	9341.0	8705.2	8284.3	8021.7	7631.2	6873.9	6233.8	5760.8	5400.6	4890.7
32.5°	9942.0	9443.0	8885.3	8460.0	8243.1	7603.0	6886.9	6281.6	5825.9	5422.3	4812.6
30°	9850.9	9247.7	8759.5	8403.6	7932.8	7357.8	6765.4	6207.8	5765.2	5276.9	4725.8
27.5°	9301.9	8835.4	8399.3	8028.3	7566.1	7049.7	6502.9	6012.5	5600.2	5127.2	4606.5
25°	8681.4	8258.3	7935.0	7611.7	7173.4	6680.8	6199.1	5845.4	5431.0	4964.5	4450.3
22.5°	8110.7	7806.9	7553.1	7214.6	6787.1	6357.5	6058.1	5691.4	5266.1	4793.1	4289.7
20°	7746.2	7540.0	7249.3	6876.1	6539.8	6270.7	5938.7	5550.3	5112.0	4617.3	4153.0
17.5°	7570.4	7331.7	7008.4	6765.4	6507.2	6212.1	5841.1	5428.8	4962.3	4537.0	4168.2
15°	7479.3	7227.6	7015.0	6776.3	6485.5	6175.2	5763.0	5335.5	4962.3	4569.6	4179.0
12.5°	7498.8	7281.8	7049.7	6789.3	6476.8	6144.9	5771.7	5374.6	4988.4	4593.5	4181.2
10°	7559.6	7331.7	7084.4	6795.8	6481.2	6153.5	5795.5	5398.5	5001.4	4604.3	4176.9
7.5°	7581.3	7333.9	7069.2	6778.4	6470.3	6149.2	5799.9	5405.0	5003.6	4602.1	4163.8
5°	7514.0	7290.5	7034.5	6741.6	6440.0	6127.5	5782.5	5396.3	4986.2	4580.4	4131.3
2.5°	7422.9	7242.8	6997.6	6715.5	6409.6	6097.1	5754.3	5357.2	4947.1	4541.4	4090.1
0°	7407.7	7184.2	6936.8	6685.1	6359.7	6029.9	5689.2	5283.5	4875.5	4467.6	4018.5
-2.5°	7307.9	7071.4	6824.0	6550.6	6264.2	5932.2	5574.2	5177.1	4773.6	4372.1	3940.4
-5°	7231.9	6969.4	6706.8	6411.8	6123.2	5791.2	5420.2	5033.9	4639.0	4248.5	3831.9
-7.5°	7130.0	6860.9	6585.3	6277.2	5964.8	5626.3	5259.6	4873.4	4485.0	4096.6	3697.3
-10°	6923.8	6687.3	6429.1	6110.2	5780.3	5441.9	5077.3	4697.6	4309.2	3916.5	3515.1
-12.5°	6674.3	6424.8	6142.7	5849.8	5554.7	5240.1	4875.5	4502.3	4111.8	3716.9	3317.6
-15°	6351.0	6105.8	5817.2	5530.8	5246.6	4945.0	4623.8	4287.5	3890.4	3502.1	3102.8
-17.5°	5947.4	5717.4	5459.2	5185.8	4903.7	4600.0	4287.5	4003.3	3632.2	3267.7	2872.8
-20°	5513.5	5298.6	5066.5	4808.3	4526.2	4228.9	3933.8	3636.6	3315.5	2994.3	2627.6



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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°	5062.1	4845.2	4610.8	4370.0	4109.6	3834.0	3560.6	3276.4	2994.3	2703.6	2393.3
-25°	4541.4	4350.4	4135.6	3901.3	3669.1	3428.3	3167.9	2909.7	2668.9	2417.2	2163.3
-27.5°	3996.8	3821.0	3625.7	3421.8	3222.2	3020.4	2794.7	2556.0	2356.4	2148.1	1937.6
-30°	3423.9	3282.9	3124.5	2946.6	2792.5	2629.8	2441.0	2243.6	2061.3	1902.9	1733.7
-32.5°	2881.5	2762.2	2649.3	2532.2	2380.3	2254.4	2124.2	1978.9	1818.3	1668.6	1547.1
-35°	2415.0	2287.0	2239.2	2152.4	2043.9	1933.3	1837.8	1733.7	1612.2	1479.8	1380.0
-37.5°	2022.3	1946.3	1879.0	1831.3	1759.7	1670.7	1594.8	1518.9	1425.6	1325.7	1225.9
-40°	1716.3	1664.2	1590.5	1566.6	1521.0	1460.3	1382.2	1323.6	1260.7	1184.7	1100.1
-42.5°	1471.1	1432.1	1384.3	1343.1	1323.6	1280.2	1219.4	1163.0	1113.1	1061.0	995.9
-45°	1269.3	1243.3	1212.9	1176.0	1160.8	1126.1	1082.7	1019.8	991.6	948.2	900.5
-47.5°	1106.6	1093.6	1071.9	1048.0	1026.3	1000.3	961.2	922.2	883.1	854.9	818.0
-50°	978.6	969.9	956.9	937.4	909.1	891.8	865.7	831.0	794.1	770.3	744.2
-52.5°	876.6	867.9	859.2	844.1	822.4	805.0	783.3	755.1	724.7	700.8	679.1
-55°	798.5	785.5	779.0	765.9	748.6	729.1	709.5	690.0	664.0	642.3	620.6
-57.5°	737.7	720.4	711.7	700.8	683.5	664.0	648.8	629.2	611.9	588.0	568.5
-60°	690.0	670.5	653.1	642.3	627.1	607.5	592.4	577.2	559.8	540.3	516.4
-62.5°	650.9	627.1	603.2	590.2	575.0	557.6	542.4	527.3	509.9	490.4	468.7
-65°	614.1	585.8	555.5	542.4	527.3	509.9	490.4	479.5	464.3	447.0	425.3
-67.5°	568.5	538.1	512.1	496.9	481.7	466.5	449.1	438.3	423.1	401.4	379.7
-70°	501.2	481.7	464.3	451.3	438.3	425.3	407.9	390.6	373.2	353.7	334.1
-72.5°	416.6	410.1	407.9	401.4	386.2	371.0	353.7	336.3	321.1	305.9	290.8
-75°	336.3	340.7	345.0	342.8	327.6	312.5	297.3	282.1	271.2	258.2	245.2
-77.5°	266.9	271.2	275.6	275.6	264.7	256.0	245.2	234.3	225.7	214.8	201.8
-80°	206.1	212.6	219.1	223.5	214.8	208.3	199.6	190.9	182.3	173.6	164.9
-82.5°	156.2	162.7	169.2	173.6	167.1	162.7	156.2	149.7	143.2	134.5	128.0
-85°	112.8	117.2	121.5	123.7	119.3	115.0	110.7	106.3	102.0	95.5	91.1
-87.5°	65.1	67.3	69.4	71.6	67.3	62.9	60.8	56.4	54.2	49.9	47.7
-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):

	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°	54.2	49.9	45.6	43.4	39.1	32.5	28.2	23.9	19.5	15.2	13.0
85°	115.0	104.2	91.1	84.6	75.9	67.3	58.6	49.9	41.2	32.5	23.9
82.5°	197.5	184.4	171.4	156.2	136.7	112.8	89.0	73.8	60.8	47.7	36.9
80°	297.3	273.4	251.7	232.2	210.5	180.1	147.5	117.2	82.5	62.9	47.7
77.5°	412.3	384.1	353.7	321.1	286.4	245.2	208.3	169.2	128.0	86.8	60.8
75°	542.4	505.6	464.3	418.8	373.2	319.0	266.9	221.3	173.6	121.5	73.8
72.5°	687.8	642.3	592.4	531.6	460.0	397.1	334.1	273.4	217.0	154.1	99.8
70°	874.4	802.8	729.1	664.0	572.8	473.0	399.2	329.8	258.2	188.8	125.8
67.5°	1074.1	987.3	898.3	802.8	687.8	570.7	464.3	386.2	301.6	221.3	149.7
65°	1291.0	1182.5	1069.7	963.4	805.0	666.1	546.8	440.5	342.8	251.7	173.6
62.5°	1514.5	1386.5	1256.3	1117.4	935.2	763.8	624.9	501.2	381.9	279.9	195.3
60°	1753.2	1603.5	1445.1	1271.5	1058.9	870.1	698.7	564.1	423.1	308.1	219.1
57.5°	2004.9	1842.2	1655.6	1421.2	1186.9	972.1	783.3	620.6	460.0	334.1	236.5
55°	2278.3	2091.7	1887.7	1577.4	1312.7	1074.1	867.9	677.0	499.1	355.8	253.9
52.5°	2573.4	2356.4	2098.2	1742.3	1445.1	1178.2	946.0	726.9	535.9	379.7	269.1
50°	2903.2	2629.8	2282.6	1894.2	1560.1	1275.8	1024.1	781.1	566.3	405.8	282.1
47.5°	3246.0	2950.9	2447.5	2035.3	1677.3	1371.3	1104.4	828.9	596.7	427.5	295.1
45°	3604.0	3174.4	2618.9	2161.1	1779.2	1458.1	1165.2	872.3	633.6	447.0	305.9
42.5°	3957.7	3343.7	2768.7	2287.0	1874.7	1536.2	1215.1	913.5	664.0	466.5	316.8
40°	4124.8	3471.7	2888.0	2373.8	1955.0	1605.7	1258.5	950.4	690.0	479.5	327.6
37.5°	4194.2	3549.8	2966.1	2456.2	2017.9	1642.5	1295.4	982.9	711.7	492.5	336.3
35°	4209.4	3578.0	3005.2	2512.6	2070.0	1677.3	1323.6	1006.8	729.1	505.6	345.0
32.5°	4181.2	3569.3	3016.0	2532.2	2102.5	1703.3	1343.1	1024.1	742.1	518.6	353.7
30°	4118.3	3523.8	2977.0	2530.0	2126.4	1718.5	1356.1	1037.2	755.1	527.3	358.0
27.5°	4016.3	3443.5	2927.1	2532.2	2139.4	1725.0	1362.6	1043.7	763.8	533.8	366.7
25°	3890.4	3335.0	2929.2	2527.8	2141.6	1727.2	1362.6	1043.7	765.9	535.9	373.2
22.5°	3745.1	3335.0	2929.2	2521.3	2128.6	1722.8	1356.1	1039.3	765.9	540.3	379.7
20°	3753.8	3337.1	2922.7	2508.3	2109.0	1709.8	1340.9	1028.5	759.4	546.8	384.1
17.5°	3760.3	3332.8	2909.7	2490.9	2083.0	1688.1	1321.4	1013.3	759.4	553.3	386.2
15°	3760.3	3319.8	2890.2	2464.9	2050.5	1657.7	1293.2	1000.3	761.6	555.5	390.6
12.5°	3753.8	3295.9	2859.8	2430.2	2011.4	1620.8	1275.8	995.9	761.6	557.6	390.6
10°	3740.7	3263.4	2820.7	2386.8	1974.5	1607.8	1267.2	987.3	757.3	557.6	390.6
7.5°	3716.9	3224.3	2788.2	2360.7	1952.8	1592.6	1254.1	974.2	750.8	553.3	394.9
5°	3680.0	3202.6	2762.2	2330.4	1922.4	1581.8	1245.5	963.4	746.4	553.3	390.6
2.5°	3632.2	3176.6	2731.8	2291.3	1887.7	1544.9	1217.3	939.5	731.2	544.6	386.2
0°	3554.1	3124.5	2679.7	2237.1	1840.0	1508.0	1189.0	915.7	716.0	535.9	381.9
-2.5°	3482.5	3055.1	2612.4	2180.6	1794.4	1475.5	1167.4	902.6	709.5	533.8	379.7
-5°	3382.7	2959.6	2523.5	2106.9	1733.7	1442.9	1145.7	887.4	703.0	529.4	379.7
-7.5°	3272.1	2859.8	2430.2	2030.9	1672.9	1386.5	1104.4	863.6	687.8	520.8	377.5
-10°	3100.6	2710.1	2313.0	1944.1	1607.8	1336.6	1069.7	841.9	674.8	512.1	368.9
-12.5°	2918.4	2545.2	2178.5	1837.8	1534.0	1284.5	1030.7	818.0	659.6	503.4	364.5
-15°	2725.3	2375.9	2037.4	1727.2	1453.8	1221.6	989.4	792.0	644.4	492.5	358.0
-17.5°	2523.5	2198.0	1892.1	1614.3	1373.5	1156.5	946.0	768.1	627.1	481.7	351.5
-20°	2310.8	2015.7	1744.5	1499.3	1288.9	1091.4	900.5	739.9	607.5	468.7	342.8



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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°	2100.4	1835.6	1592.6	1386.5	1202.1	1024.1	854.9	711.7	585.8	453.5	336.3
-25°	1913.8	1666.4	1458.1	1278.0	1117.4	959.1	807.2	683.5	562.0	438.3	327.6
-27.5°	1731.5	1521.0	1325.7	1176.0	1035.0	896.1	761.6	653.1	538.1	420.9	319.0
-30°	1562.3	1382.2	1221.6	1076.2	956.9	839.7	722.5	622.7	512.1	403.6	308.1
-32.5°	1408.2	1262.8	1128.3	989.4	883.1	783.3	685.7	592.4	486.0	386.2	297.3
-35°	1265.0	1152.2	1035.0	917.8	809.3	731.2	646.6	559.8	462.2	366.7	286.4
-37.5°	1137.0	1045.8	952.5	852.7	759.4	681.3	609.7	527.3	438.3	349.3	275.6
-40°	1026.3	952.5	870.1	789.8	711.7	637.9	572.8	494.7	414.4	336.3	264.7
-42.5°	924.3	867.9	800.7	733.4	664.0	598.9	535.9	460.0	390.6	321.1	253.9
-45°	846.2	789.8	735.6	674.8	616.2	559.8	496.9	429.6	368.9	303.8	243.0
-47.5°	772.4	722.5	672.6	622.7	575.0	522.9	460.0	403.6	345.0	288.6	234.3
-50°	707.4	659.6	616.2	572.8	531.6	481.7	423.1	377.5	325.5	273.4	223.5
-52.5°	646.6	605.4	562.0	527.3	492.5	442.6	394.9	351.5	305.9	256.0	212.6
-55°	592.4	553.3	514.2	481.7	449.1	405.8	366.7	329.8	286.4	243.0	201.8
-57.5°	540.3	507.7	470.8	440.5	407.9	373.2	340.7	305.9	266.9	230.0	190.9
-60°	492.5	462.2	429.6	399.2	371.0	342.8	312.5	284.2	249.5	214.8	180.1
-62.5°	444.8	418.8	390.6	360.2	338.5	312.5	288.6	260.4	232.2	201.8	160.6
-65°	401.4	377.5	351.5	325.5	305.9	286.4	264.7	238.7	214.8	186.6	143.2
-67.5°	358.0	336.3	314.6	292.9	275.6	260.4	238.7	219.1	199.6	169.2	125.8
-70°	316.8	299.4	279.9	262.5	249.5	232.2	217.0	199.6	182.3	147.5	106.3
-72.5°	277.7	260.4	245.2	232.2	221.3	206.1	193.1	180.1	156.2	123.7	89.0
-75°	232.2	221.3	212.6	201.8	190.9	180.1	169.2	154.1	130.2	99.8	69.4
-77.5°	190.9	184.4	177.9	169.2	160.6	151.9	138.9	123.7	104.2	78.1	56.4
-80°	156.2	149.7	145.4	136.7	130.2	121.5	108.5	95.5	75.9	60.8	45.6
-82.5°	119.3	115.0	110.7	106.3	99.8	91.1	78.1	67.3	56.4	45.6	34.7
-85°	84.6	82.5	78.1	73.8	67.3	60.8	52.1	45.6	39.1	30.4	23.9
-87.5°	43.4	41.2	39.1	36.9	34.7	30.4	26.0	21.7	19.5	15.2	10.8
-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):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	8.7	6.5	2.2	0.0
85°	17.4	10.8	4.3	0.0
82.5°	26.0	17.4	6.5	0.0
80°	34.7	21.7	10.8	0.0
77.5°	43.4	26.0	13.0	0.0
75°	52.1	32.5	15.2	0.0
72.5°	58.6	36.9	17.4	0.0
70°	69.4	43.4	19.5	0.0
67.5°	86.8	47.7	21.7	0.0
65°	102.0	52.1	23.9	0.0
62.5°	119.3	56.4	26.0	0.0
60°	134.5	60.8	28.2	0.0
57.5°	149.7	71.6	30.4	0.0
55°	162.7	80.3	32.5	0.0
52.5°	177.9	89.0	34.7	0.0
50°	190.9	97.6	36.9	0.0
47.5°	201.8	106.3	36.9	0.0
45°	210.5	112.8	39.1	0.0
42.5°	217.0	119.3	41.2	0.0
40°	223.5	125.8	43.4	0.0
37.5°	230.0	132.4	43.4	0.0
35°	236.5	138.9	45.6	0.0
32.5°	243.0	145.4	45.6	0.0
30°	247.4	149.7	47.7	0.0
27.5°	253.9	154.1	47.7	0.0
25°	256.0	158.4	49.9	0.0
22.5°	260.4	160.6	49.9	0.0
20°	264.7	164.9	49.9	0.0
17.5°	266.9	167.1	52.1	0.0
15°	266.9	169.2	54.2	0.0
12.5°	269.1	171.4	54.2	0.0
10°	269.1	175.8	52.1	0.0
7.5°	273.4	173.6	52.1	0.0
5°	271.2	173.6	52.1	0.0
2.5°	269.1	171.4	52.1	0.0
0°	266.9	171.4	52.1	0.0
-2.5°	266.9	171.4	52.1	0.0
-5°	266.9	171.4	52.1	0.0
-7.5°	264.7	173.6	52.1	0.0
-10°	260.4	173.6	52.1	0.0
-12.5°	258.2	167.1	52.1	0.0
-15°	256.0	164.9	52.1	0.0
-17.5°	251.7	162.7	49.9	0.0
-20°	247.4	160.6	49.9	0.0



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 CATALOG NUMBER: IFLD-L-SA7A-930-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	243.0	156.2	49.9	0.0
-25°	238.7	151.9	47.7	0.0
-27.5°	234.3	147.5	47.7	0.0
-30°	227.8	143.2	45.6	0.0
-32.5°	221.3	138.9	45.6	0.0
-35°	217.0	132.4	43.4	0.0
-37.5°	210.5	125.8	43.4	0.0
-40°	204.0	119.3	41.2	0.0
-42.5°	197.5	112.8	39.1	0.0
-45°	188.8	106.3	39.1	0.0
-47.5°	182.3	99.8	36.9	0.0
-50°	171.4	91.1	34.7	0.0
-52.5°	158.4	82.5	32.5	0.0
-55°	145.4	75.9	30.4	0.0
-57.5°	132.4	67.3	30.4	0.0
-60°	119.3	58.6	28.2	0.0
-62.5°	106.3	54.2	26.0	0.0
-65°	93.3	49.9	23.9	0.0
-67.5°	78.1	43.4	21.7	0.0
-70°	65.1	39.1	19.5	0.0
-72.5°	56.4	34.7	17.4	0.0
-75°	47.7	30.4	15.2	0.0
-77.5°	41.2	26.0	13.0	0.0
-80°	32.5	19.5	8.7	0.0
-82.5°	23.9	15.2	6.5	0.0
-85°	15.2	10.8	4.3	0.0
-87.5°	8.7	4.3	2.2	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)