

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: P722572

Luminaire Tested: **IFLD-S-SA2E-827-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722572
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2E-827-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (32) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

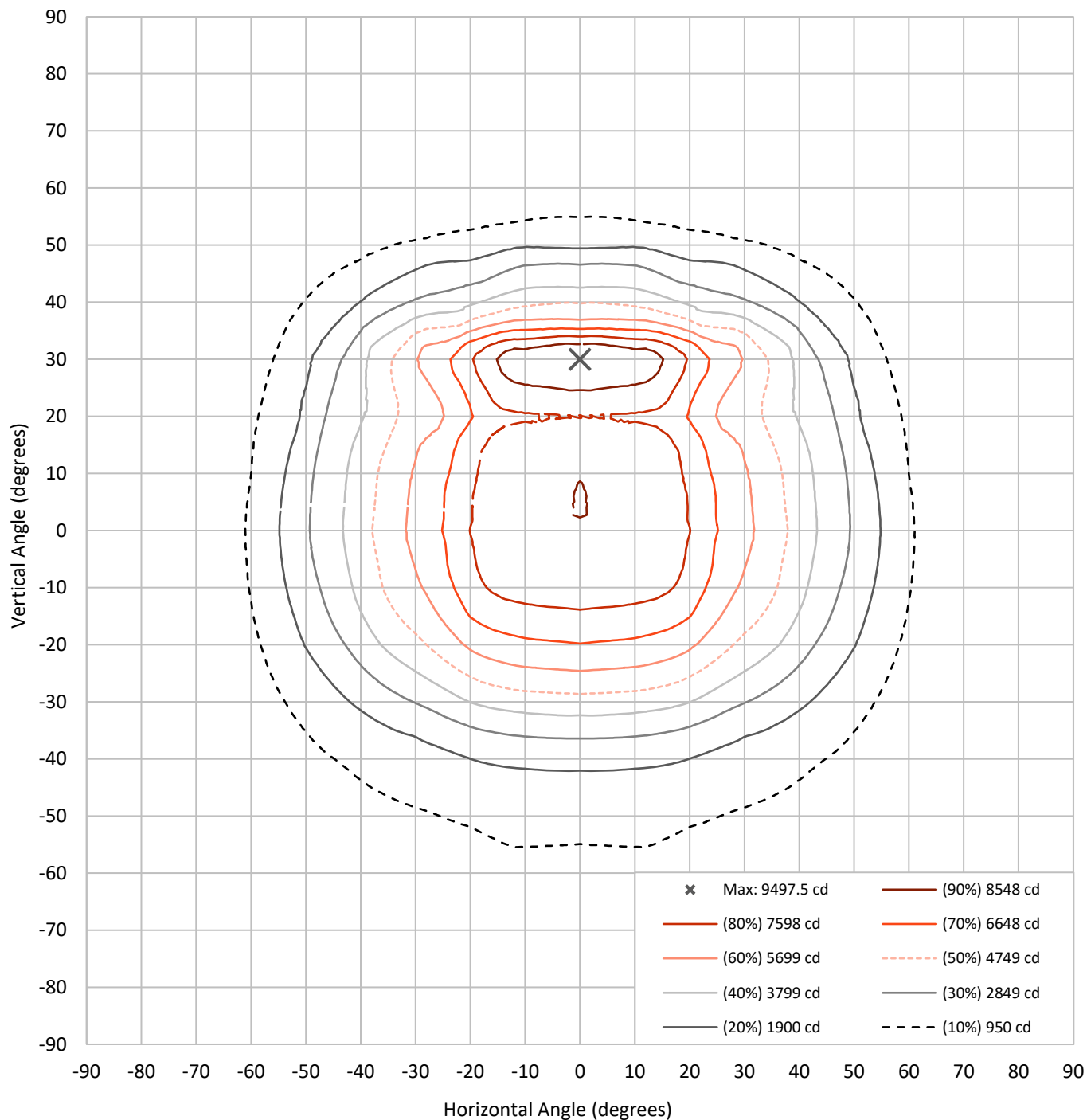
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	13604.6 lumens	Max Intensity:	9497.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	87.1 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	8679.1 lumens	Field Lumens:	12826.1 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	156.2		
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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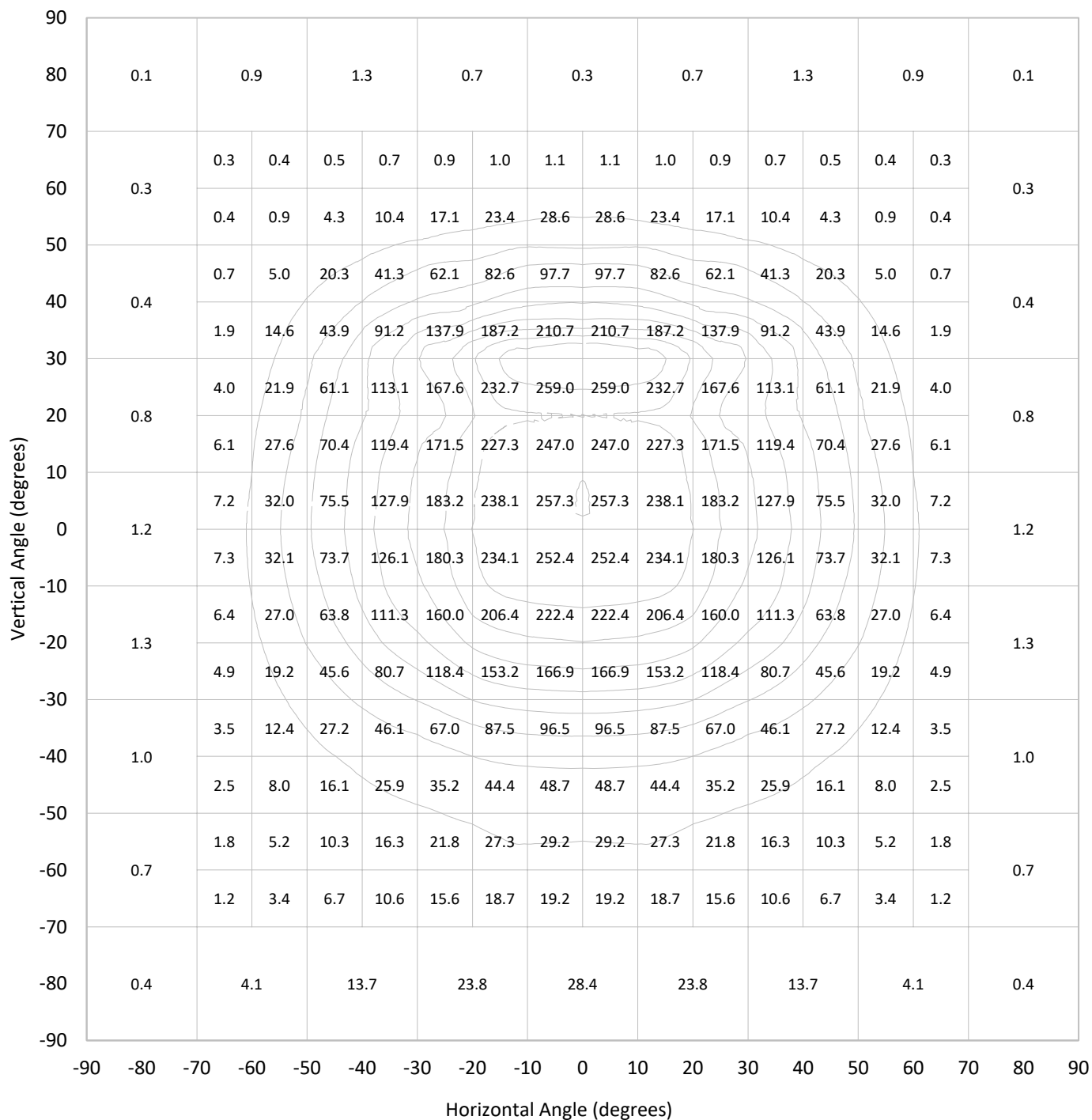
Iso-Candela Plot



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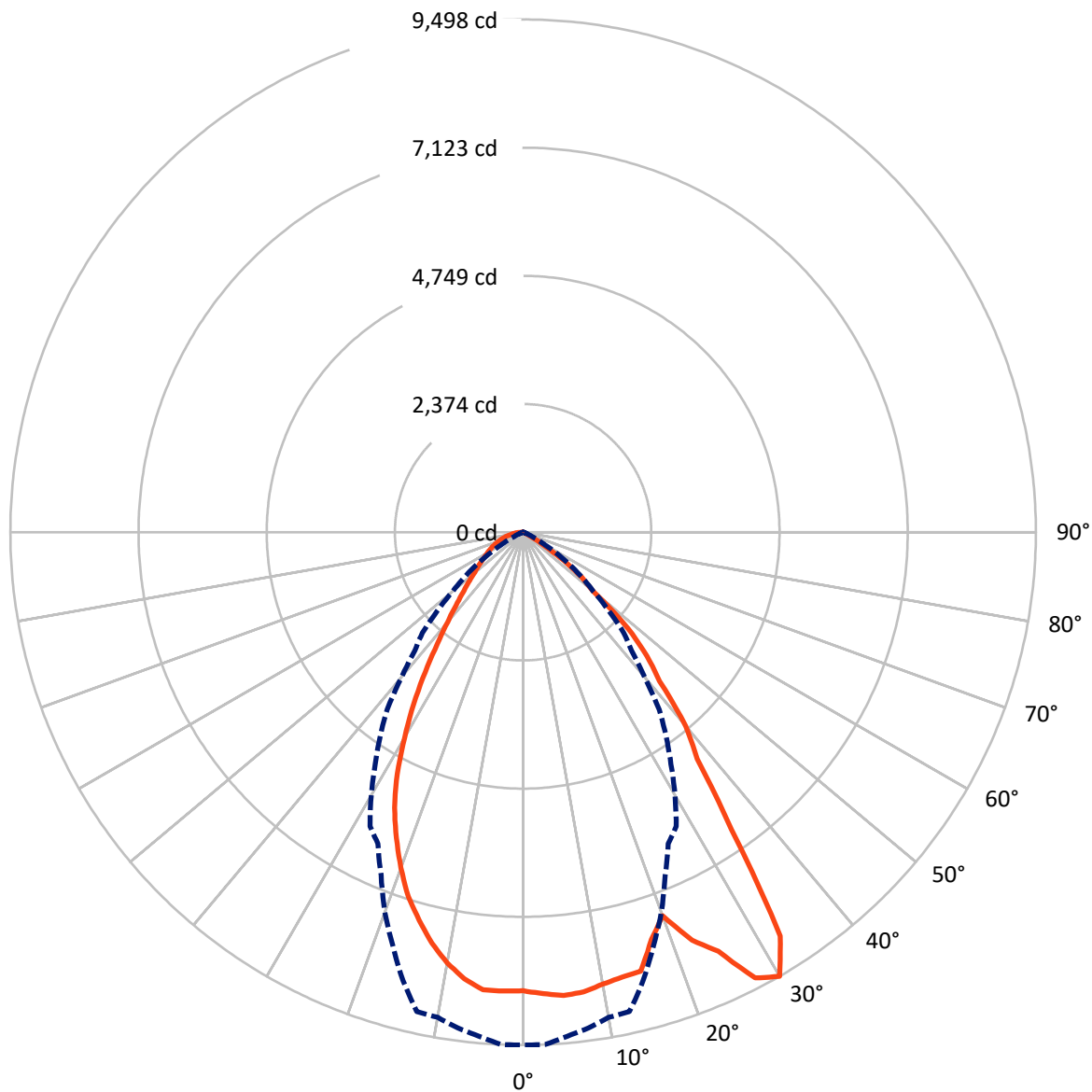
Lumen Table



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Luminous Intensity Polar Plot



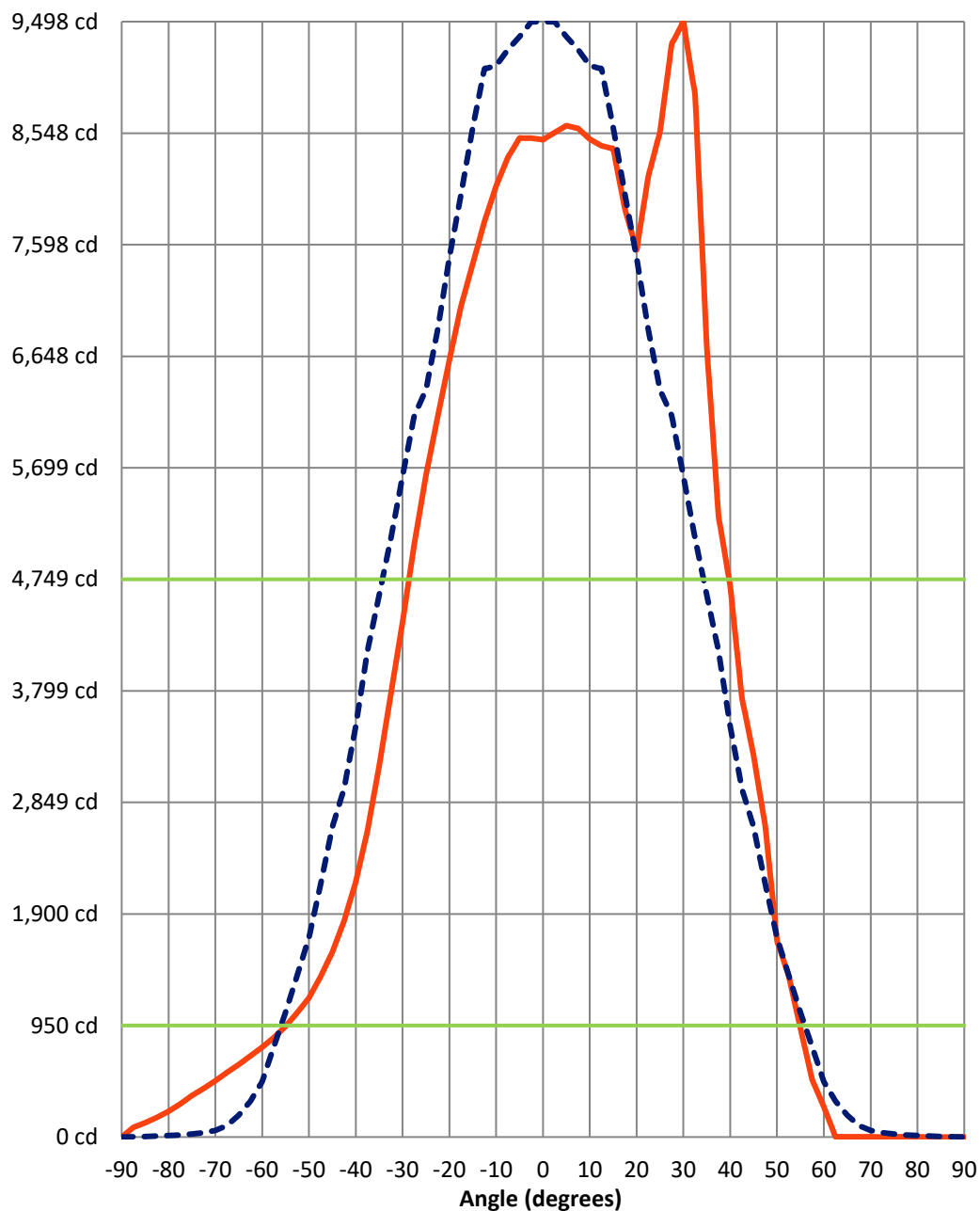
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 8679.1

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 12826.1

Efficiency: 94.3%

Spill:

Lumens: 778.5

Efficiency: 5.7%

— 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°	0.0	0.0	0.0	0.0	2.2	2.2	2.2	2.2	2.2	2.2	2.2
85°	0.0	2.2	2.2	2.2	4.3	4.3	4.3	4.3	4.3	4.3	6.5
82.5°	0.0	2.2	2.2	2.2	4.3	4.3	4.3	4.3	6.5	6.5	8.7
80°	2.2	2.2	2.2	2.2	4.3	4.3	4.3	6.5	6.5	8.7	8.7
77.5°	2.2	2.2	2.2	4.3	4.3	4.3	6.5	6.5	8.7	8.7	10.8
75°	2.2	2.2	2.2	4.3	4.3	6.5	6.5	6.5	8.7	8.7	10.8
72.5°	0.0	2.2	2.2	4.3	4.3	6.5	6.5	6.5	8.7	8.7	8.7
70°	2.2	2.2	2.2	4.3	4.3	6.5	6.5	6.5	8.7	8.7	8.7
67.5°	2.2	2.2	2.2	4.3	4.3	6.5	6.5	8.7	8.7	8.7	10.8
65°	2.2	2.2	2.2	4.3	6.5	6.5	8.7	10.8	10.8	13.0	15.2
62.5°	2.2	4.3	4.3	6.5	8.7	10.8	23.8	36.8	36.8	26.0	21.7
60°	257.7	279.4	277.2	251.2	218.8	184.1	177.6	171.1	158.1	138.6	145.1
57.5°	489.5	515.5	526.3	519.8	502.5	472.2	454.8	435.3	409.4	379.0	344.4
55°	927.0	937.8	914.0	868.5	818.7	768.9	751.6	725.6	686.6	647.6	595.6
52.5°	1371.0	1407.8	1397.0	1351.5	1284.4	1195.6	1098.1	1022.3	976.8	933.5	881.5
50°	1674.2	1689.4	1719.7	1773.9	1793.4	1732.7	1574.6	1371.0	1225.9	1299.5	1243.2
47.5°	2642.4	2718.2	2703.1	2664.1	2599.1	2434.5	2213.6	2031.6	1880.0	1830.2	1838.9
45°	3246.7	3277.0	3266.2	3248.9	3218.5	3064.8	2820.0	2540.6	2399.8	2343.5	2285.0
42.5°	3742.7	3775.2	3781.7	3783.8	3751.4	3610.6	3389.6	3110.2	2969.5	2807.0	2679.2
40°	4689.2	4736.8	4682.7	4611.2	4502.9	4342.7	4126.1	3868.3	3619.2	3420.0	3268.4
37.5°	5293.5	5352.0	5373.6	5369.3	5345.5	5276.2	5009.8	4765.0	4383.8	3937.6	4017.8
35°	6727.3	6788.0	6770.6	6705.7	6671.0	6597.4	6337.5	6047.2	5568.6	5083.4	4953.4
32.5°	8865.1	8997.2	8750.3	8479.5	8312.8	8371.2	8107.0	7396.6	7175.7	6300.6	5895.6
30°	9497.5	9495.4	9369.7	9259.3	9122.8	9094.7	8596.5	8029.0	7487.6	6874.6	6363.4
27.5°	9304.8	9265.8	9159.6	9079.5	8951.7	8884.6	8397.2	7946.7	7320.8	6772.8	6279.0
25°	8561.8	8592.2	8483.9	8468.7	8418.9	8288.9	8046.4	7539.5	6980.7	6374.3	6019.1
22.5°	8178.5	8167.6	8037.7	7961.9	8022.5	7883.9	7786.4	7275.3	6692.7	6181.5	5754.8
20°	7554.7	7556.9	7524.4	7517.9	7481.1	7418.2	7340.3	6978.6	6567.0	6129.5	5616.2
17.5°	7903.4	7992.2	8031.2	7708.5	7799.4	7728.0	7645.7	7141.0	6831.3	6443.6	5774.3
15°	8414.6	8382.1	8343.1	8325.8	8275.9	8208.8	8059.4	7656.5	7123.7	6723.0	6201.0
12.5°	8440.6	8377.7	8362.6	8360.4	8308.4	8215.3	8070.2	7736.6	7264.5	6777.1	6352.6
10°	8496.9	8431.9	8423.2	8434.1	8353.9	8295.4	8150.3	7840.6	7307.8	6870.3	6469.6
7.5°	8587.8	8479.5	8529.4	8496.9	8460.0	8366.9	8211.0	7907.7	7465.9	6993.7	6573.5
5°	8611.7	8492.5	8546.7	8516.4	8462.2	8371.2	8202.3	7951.1	7563.4	7043.5	6614.7
2.5°	8553.2	8518.5	8494.7	8438.4	8414.6	8314.9	8154.7	7886.1	7517.9	7021.9	6606.0
0°	8492.5	8522.9	8468.7	8412.4	8401.6	8321.4	8185.0	7942.4	7624.0	7082.5	6679.7
-2.5°	8505.5	8481.7	8444.9	8386.4	8330.1	8215.3	8091.8	7864.4	7522.2	6950.4	6575.7
-5°	8505.5	8395.1	8399.4	8401.6	8345.3	8226.1	8076.7	7883.9	7461.6	6948.2	6545.4
-7.5°	8340.9	8245.6	8230.5	8217.5	8202.3	8091.8	7974.9	7734.5	7359.8	6891.9	6460.9
-10°	8098.3	8005.2	8013.9	7994.4	7946.7	7873.1	7784.3	7567.7	7260.1	6714.3	6289.8
-12.5°	7795.1	7754.0	7730.1	7697.6	7650.0	7585.0	7494.1	7290.5	6961.2	6495.6	6092.7
-15°	7435.6	7405.2	7383.6	7364.1	7294.8	7227.6	7108.5	6920.1	6714.3	6214.0	5802.5
-17.5°	7076.0	7000.2	6969.9	6943.9	6898.4	6790.1	6681.8	6541.0	6253.0	5856.6	5503.6
-20°	6614.7	6569.2	6532.4	6497.7	6432.8	6348.3	6259.5	6097.0	5848.0	5527.4	5161.4

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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°	6131.7	6105.7	6075.4	6032.1	5988.7	5908.6	5785.1	5629.2	5434.3	5087.7	4745.5
-25°	5633.5	5583.7	5546.9	5505.7	5471.1	5397.4	5278.3	5128.9	4884.1	4585.2	4299.3
-27.5°	5046.6	4998.9	4979.4	4931.8	4901.5	4834.3	4715.2	4576.6	4355.6	4104.4	3814.2
-30°	4383.8	4392.5	4370.8	4325.3	4288.5	4201.9	4110.9	3993.9	3820.7	3580.3	3320.3
-32.5°	3770.9	3781.7	3755.7	3708.0	3660.4	3597.6	3513.1	3407.0	3277.0	3047.4	2822.2
-35°	3157.9	3153.6	3131.9	3103.7	3071.3	3019.3	2924.0	2843.8	2694.4	2534.1	2378.2
-37.5°	2607.8	2618.6	2612.1	2596.9	2560.1	2516.8	2438.8	2365.2	2254.7	2113.9	1992.6
-40°	2172.4	2185.4	2176.7	2161.6	2129.1	2103.1	2051.1	1986.1	1897.3	1776.0	1674.2
-42.5°	1838.9	1847.5	1836.7	1823.7	1795.5	1776.0	1734.9	1680.7	1607.1	1514.0	1423.0
-45°	1574.6	1576.8	1566.0	1557.3	1535.6	1511.8	1477.2	1433.8	1375.4	1310.4	1236.7
-47.5°	1366.7	1364.5	1353.7	1345.0	1327.7	1306.0	1277.9	1238.9	1193.4	1143.6	1085.1
-50°	1184.8	1195.6	1191.3	1182.6	1169.6	1154.4	1126.3	1085.1	1039.6	1002.8	961.7
-52.5°	1059.1	1061.3	1059.1	1059.1	1057.0	1046.1	1013.6	972.5	922.7	890.2	855.5
-55°	942.2	953.0	957.3	961.7	963.8	963.8	924.8	881.5	833.9	801.4	775.4
-57.5°	846.9	853.4	857.7	868.5	877.2	883.7	849.0	810.1	773.2	742.9	719.1
-60°	764.6	773.2	779.7	790.6	797.1	801.4	779.7	753.7	732.1	712.6	677.9
-62.5°	690.9	697.4	703.9	710.4	716.9	721.2	712.6	699.6	688.8	680.1	636.8
-65°	617.3	623.8	630.3	638.9	645.4	649.8	647.6	638.9	630.3	621.6	582.6
-67.5°	550.1	556.6	565.3	567.5	571.8	574.0	569.6	563.1	552.3	541.5	511.2
-70°	478.7	483.0	487.3	487.3	487.3	485.2	480.8	472.2	461.3	446.2	422.4
-72.5°	413.7	418.0	422.4	415.9	411.5	405.0	398.5	387.7	376.9	366.0	353.0
-75°	353.0	355.2	355.2	346.5	340.0	333.6	324.9	318.4	307.6	298.9	288.1
-77.5°	281.6	281.6	281.6	275.1	270.7	266.4	259.9	253.4	244.7	238.3	229.6
-80°	218.8	218.8	218.8	216.6	210.1	205.8	201.4	197.1	190.6	186.3	181.9
-82.5°	166.8	166.8	166.8	164.6	160.3	158.1	153.8	149.4	147.3	143.0	140.8
-85°	121.3	123.5	123.5	121.3	119.1	114.8	112.6	110.5	108.3	106.1	101.8
-87.5°	82.3	82.3	82.3	80.1	78.0	78.0	75.8	71.5	67.1	65.0	62.8
-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):

	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°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
85°	6.5	6.5	6.5	8.7	8.7	8.7	8.7	8.7	8.7	8.7	6.5
82.5°	10.8	10.8	13.0	13.0	15.2	15.2	15.2	15.2	15.2	15.2	15.2
80°	10.8	13.0	15.2	17.3	19.5	21.7	21.7	21.7	21.7	19.5	19.5
77.5°	13.0	13.0	15.2	17.3	19.5	21.7	23.8	26.0	23.8	23.8	23.8
75°	13.0	15.2	15.2	17.3	19.5	21.7	23.8	26.0	26.0	26.0	26.0
72.5°	10.8	13.0	15.2	17.3	17.3	19.5	21.7	21.7	23.8	23.8	26.0
70°	10.8	13.0	15.2	15.2	17.3	17.3	19.5	21.7	21.7	23.8	23.8
67.5°	13.0	15.2	15.2	17.3	19.5	19.5	19.5	21.7	21.7	23.8	23.8
65°	15.2	17.3	17.3	19.5	21.7	21.7	23.8	23.8	23.8	26.0	26.0
62.5°	26.0	26.0	26.0	23.8	26.0	26.0	26.0	28.2	28.2	26.0	28.2
60°	134.3	97.5	67.1	84.5	75.8	34.7	34.7	34.7	32.5	32.5	30.3
57.5°	316.2	294.6	253.4	214.4	192.8	171.1	106.1	43.3	43.3	39.0	34.7
55°	528.5	457.0	426.7	374.7	318.4	292.4	242.6	164.6	78.0	52.0	45.5
52.5°	818.7	751.6	673.6	567.5	491.7	431.0	389.9	309.7	207.9	110.5	69.3
50°	1096.0	1065.6	1018.0	914.0	755.9	654.1	587.0	496.0	372.5	227.4	130.0
47.5°	1765.2	1511.8	1358.0	1277.9	1145.8	953.0	823.0	721.2	571.8	383.4	229.6
45°	2222.2	2061.9	1817.2	1648.3	1453.3	1249.7	1080.8	963.8	786.2	574.0	359.5
42.5°	2614.3	2475.6	2254.7	2007.8	1802.0	1535.6	1319.0	1165.3	1015.8	784.1	537.1
40°	3118.9	2954.3	2742.0	2501.6	2261.2	1921.2	1570.3	1384.0	1219.4	1013.6	725.6
37.5°	3950.6	3660.4	3313.8	3047.4	2733.4	2445.3	1964.5	1635.3	1440.3	1225.9	946.5
35°	4951.3	4632.9	4054.6	3701.5	3281.4	2852.5	2419.3	1932.0	1654.8	1427.3	1150.1
32.5°	5882.6	5416.9	4676.2	4262.5	3983.1	3192.6	2744.2	2321.9	1875.7	1596.3	1267.1
30°	6140.4	5627.0	5096.4	4613.4	4136.9	3497.9	2967.3	2638.1	2152.9	1698.1	1377.5
27.5°	5880.4	5527.4	5115.9	4667.5	4152.1	3604.1	3103.7	2789.7	2356.5	1767.4	1464.2
25°	5616.2	5248.0	4959.9	4585.2	4108.7	3597.6	3108.1	2885.0	2514.6	1901.7	1511.8
22.5°	5336.8	5107.2	4869.0	4450.9	4000.4	3617.1	3248.9	2967.3	2596.9	2053.3	1531.3
20°	5352.0	5202.5	4940.4	4381.6	3980.9	3731.9	3417.8	3071.3	2685.7	2185.4	1546.5
17.5°	5594.5	5399.6	5070.4	4585.2	4156.4	3848.8	3558.6	3214.2	2776.7	2302.4	1730.6
15°	5893.4	5596.7	5252.3	4825.6	4340.5	3976.6	3666.9	3313.8	2880.7	2410.7	1895.2
12.5°	6110.0	5687.7	5365.0	4979.4	4539.7	4115.2	3738.4	3389.6	2978.1	2499.5	2018.6
10°	6183.7	5800.3	5419.1	5074.7	4641.5	4188.9	3792.5	3437.3	3062.6	2568.8	2109.6
7.5°	6222.7	5897.8	5455.9	5118.0	4702.2	4234.4	3835.8	3463.3	3129.7	2616.4	2168.1
5°	6218.3	5949.8	5484.1	5131.0	4734.7	4253.8	3866.2	3469.8	3177.4	2657.6	2202.7
2.5°	6198.8	5984.4	5529.6	5152.7	4799.7	4290.7	3924.6	3482.8	3194.7	2703.1	2226.6
0°	6270.3	5986.6	5577.2	5159.2	4843.0	4303.7	3950.6	3472.0	3170.9	2716.1	2224.4
-2.5°	6116.5	5858.8	5566.4	5102.9	4784.5	4273.3	3903.0	3437.3	3118.9	2700.9	2215.7
-5°	6090.5	5765.7	5475.4	5050.9	4687.0	4210.5	3814.2	3372.3	3036.6	2651.1	2181.1
-7.5°	6021.2	5676.9	5386.6	5009.8	4596.1	4145.6	3729.7	3305.2	2947.8	2573.1	2131.3
-10°	5869.6	5540.4	5291.3	4920.9	4485.6	4052.4	3627.9	3216.4	2843.8	2467.0	2053.3
-12.5°	5653.0	5323.8	5076.9	4732.5	4347.0	3926.8	3506.6	3101.6	2724.7	2354.3	1960.1
-15°	5408.3	5074.7	4827.8	4513.8	4141.2	3731.9	3352.8	2956.5	2588.3	2235.2	1849.7
-17.5°	5131.0	4814.8	4576.6	4271.2	3900.8	3510.9	3134.1	2774.5	2430.2	2111.8	1721.9
-20°	4810.5	4502.9	4284.2	3978.8	3638.7	3259.7	2893.7	2553.6	2243.9	1945.0	1581.1

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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°	4414.1	4143.4	3894.3	3621.4	3324.7	2978.1	2638.1	2337.0	2040.3	1747.9	1436.0
-25°	4009.1	3747.0	3504.4	3255.4	2971.6	2672.7	2382.5	2109.6	1819.4	1555.1	1295.2
-27.5°	3558.6	3324.7	3108.1	2878.5	2618.6	2360.8	2122.6	1856.2	1604.9	1379.7	1156.6
-30°	3077.8	2887.2	2698.7	2495.1	2285.0	2068.4	1856.2	1604.9	1407.8	1228.1	1039.6
-32.5°	2616.4	2445.3	2293.7	2142.1	1960.1	1782.5	1594.1	1407.8	1243.2	1085.1	927.0
-35°	2211.4	2029.5	1945.0	1823.7	1678.6	1518.3	1364.5	1234.6	1102.4	959.5	818.7
-37.5°	1860.5	1743.6	1643.9	1553.0	1438.2	1299.5	1189.1	1083.0	972.5	842.5	721.2
-40°	1585.4	1501.0	1401.3	1334.2	1241.1	1141.4	1031.0	942.2	849.0	742.9	643.3
-42.5°	1364.5	1295.2	1230.2	1158.8	1089.5	1005.0	909.7	825.2	740.7	662.8	580.5
-45°	1182.6	1132.8	1080.8	1022.3	961.7	888.0	810.1	723.4	662.8	593.5	524.2
-47.5°	1033.1	996.3	953.0	907.5	855.5	790.6	719.1	656.3	593.5	535.0	467.8
-50°	914.0	879.4	844.7	805.7	760.2	703.9	649.8	591.3	532.8	476.5	413.7
-52.5°	814.4	784.1	755.9	723.4	680.1	632.4	582.6	530.6	476.5	420.2	370.4
-55°	745.1	710.4	682.3	649.8	610.8	565.3	519.8	472.2	420.2	376.9	335.7
-57.5°	688.8	649.8	617.3	582.6	543.6	504.7	463.5	420.2	381.2	340.0	301.1
-60°	641.1	595.6	558.8	524.2	487.3	450.5	415.9	379.0	342.2	305.4	266.4
-62.5°	591.3	543.6	498.2	465.7	437.5	405.0	374.7	340.0	307.6	270.7	242.6
-65°	535.0	489.5	446.2	418.0	392.0	363.9	335.7	305.4	277.2	249.1	223.1
-67.5°	472.2	433.2	402.9	376.9	350.9	327.1	301.1	275.1	251.2	223.1	197.1
-70°	396.4	374.7	357.4	337.9	314.1	292.4	268.6	244.7	218.8	194.9	171.1
-72.5°	337.9	324.9	311.9	292.4	270.7	251.2	231.8	210.1	188.4	166.8	147.3
-75°	277.2	266.4	255.6	242.6	225.3	210.1	192.8	173.3	155.9	140.8	125.6
-77.5°	223.1	214.4	207.9	197.1	184.1	171.1	160.3	147.3	134.3	119.1	104.0
-80°	177.6	173.3	171.1	166.8	155.9	145.1	136.5	125.6	112.6	101.8	91.0
-82.5°	138.6	138.6	136.5	134.3	125.6	117.0	110.5	101.8	93.1	84.5	73.6
-85°	101.8	99.6	99.6	97.5	91.0	86.6	80.1	75.8	69.3	60.6	56.3
-87.5°	60.6	58.5	56.3	54.1	49.8	47.7	43.3	41.2	36.8	32.5	30.3
-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°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	0.0	0.0
85°	6.5	4.3	4.3	4.3	4.3	4.3	2.2	2.2	2.2	2.2	2.2
82.5°	13.0	13.0	10.8	10.8	8.7	6.5	4.3	4.3	4.3	2.2	2.2
80°	19.5	19.5	19.5	17.3	15.2	10.8	8.7	6.5	4.3	2.2	2.2
77.5°	23.8	21.7	21.7	19.5	19.5	17.3	13.0	10.8	6.5	4.3	2.2
75°	23.8	23.8	23.8	21.7	21.7	19.5	17.3	13.0	10.8	6.5	4.3
72.5°	26.0	23.8	23.8	23.8	21.7	19.5	17.3	15.2	13.0	8.7	4.3
70°	23.8	23.8	23.8	23.8	21.7	21.7	17.3	15.2	15.2	8.7	6.5
67.5°	23.8	23.8	23.8	21.7	21.7	19.5	17.3	15.2	15.2	10.8	6.5
65°	26.0	23.8	23.8	23.8	21.7	19.5	17.3	15.2	15.2	13.0	8.7
62.5°	28.2	26.0	26.0	23.8	21.7	19.5	17.3	15.2	15.2	13.0	8.7
60°	30.3	28.2	26.0	26.0	23.8	21.7	17.3	17.3	15.2	13.0	8.7
57.5°	32.5	30.3	30.3	28.2	26.0	23.8	19.5	17.3	15.2	13.0	10.8
55°	39.0	34.7	32.5	32.5	30.3	26.0	21.7	17.3	15.2	13.0	10.8
52.5°	52.0	41.2	36.8	36.8	34.7	30.3	23.8	19.5	15.2	13.0	10.8
50°	82.3	52.0	43.3	39.0	39.0	34.7	28.2	21.7	15.2	13.0	10.8
47.5°	130.0	86.6	52.0	45.5	43.3	41.2	32.5	21.7	17.3	13.0	10.8
45°	214.4	127.8	84.5	54.1	45.5	43.3	36.8	23.8	17.3	15.2	10.8
42.5°	294.6	199.3	130.0	65.0	54.1	47.7	39.0	26.0	19.5	15.2	10.8
40°	463.5	272.9	181.9	106.1	62.8	49.8	43.3	30.3	19.5	15.2	10.8
37.5°	628.1	361.7	244.7	155.9	71.5	56.3	45.5	32.5	21.7	15.2	13.0
35°	792.7	506.8	303.2	207.9	95.3	67.1	47.7	34.7	21.7	15.2	13.0
32.5°	940.0	643.3	363.9	259.9	143.0	80.1	52.0	36.8	23.8	17.3	13.0
30°	1061.3	768.9	472.2	305.4	186.3	97.5	56.3	36.8	26.0	17.3	13.0
27.5°	1152.3	866.4	582.6	353.0	223.1	114.8	65.0	41.2	26.0	17.3	13.0
25°	1225.9	942.2	680.1	402.9	255.6	143.0	78.0	43.3	28.2	19.5	13.0
22.5°	1284.4	1005.0	760.2	470.0	294.6	171.1	95.3	47.7	28.2	19.5	13.0
20°	1364.5	1067.8	814.4	541.5	335.7	197.1	110.5	52.0	28.2	19.5	15.2
17.5°	1433.8	1130.6	857.7	602.1	376.9	216.6	127.8	56.3	30.3	19.5	15.2
15°	1514.0	1191.3	896.7	649.8	415.9	233.9	143.0	60.6	30.3	21.7	15.2
12.5°	1600.6	1247.6	924.8	688.8	457.0	249.1	155.9	69.3	32.5	21.7	15.2
10°	1689.4	1295.2	948.7	716.9	487.3	264.2	164.6	78.0	34.7	21.7	15.2
7.5°	1778.2	1338.5	979.0	729.9	500.3	281.6	168.9	86.6	34.7	23.8	15.2
5°	1838.9	1366.7	1022.3	738.6	506.8	301.1	175.4	97.5	36.8	23.8	15.2
2.5°	1890.8	1384.0	1067.8	745.1	509.0	311.9	173.3	104.0	39.0	23.8	15.2
0°	1914.7	1384.0	1098.1	740.7	502.5	322.7	173.3	110.5	39.0	23.8	15.2
-2.5°	1877.8	1423.0	1089.5	742.9	504.7	322.7	181.9	112.6	43.3	26.0	15.2
-5°	1819.4	1438.2	1063.5	732.1	500.3	322.7	192.8	114.8	45.5	26.0	17.3
-7.5°	1763.1	1444.7	1033.1	721.2	493.8	314.1	194.9	112.6	49.8	28.2	17.3
-10°	1689.4	1373.2	994.2	701.8	480.8	307.6	199.3	112.6	52.0	28.2	17.3
-12.5°	1604.9	1286.6	946.5	673.6	465.7	301.1	201.4	112.6	54.1	30.3	17.3
-15°	1507.5	1197.7	892.4	643.3	444.0	292.4	197.1	110.5	56.3	30.3	19.5
-17.5°	1397.0	1111.1	836.0	606.5	420.2	281.6	188.4	108.3	56.3	30.3	19.5
-20°	1271.4	1024.5	773.2	569.6	392.0	268.6	179.8	104.0	56.3	30.3	19.5

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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°	1158.8	944.3	708.3	528.5	361.7	253.4	168.9	99.6	56.3	32.5	19.5
-25°	1065.6	866.4	658.4	487.3	329.2	236.1	158.1	95.3	56.3	32.5	19.5
-27.5°	968.2	781.9	606.5	448.3	307.6	220.9	147.3	91.0	54.1	32.5	19.5
-30°	868.5	699.6	552.3	405.0	285.9	205.8	138.6	84.5	54.1	32.5	19.5
-32.5°	777.6	632.4	502.5	361.7	262.1	190.6	130.0	82.3	52.0	32.5	19.5
-35°	688.8	571.8	450.5	327.1	236.1	175.4	121.3	80.1	52.0	32.5	19.5
-37.5°	615.1	515.5	402.9	303.2	220.9	162.4	112.6	75.8	49.8	32.5	19.5
-40°	554.5	463.5	357.4	277.2	207.9	149.4	104.0	73.6	49.8	32.5	19.5
-42.5°	498.2	413.7	329.2	255.6	194.9	140.8	97.5	71.5	47.7	32.5	19.5
-45°	448.3	370.4	301.1	236.1	179.8	130.0	93.1	67.1	45.5	32.5	21.7
-47.5°	398.5	340.0	275.1	218.8	164.6	117.0	88.8	65.0	43.3	30.3	21.7
-50°	359.5	307.6	253.4	199.3	149.4	112.6	84.5	60.6	43.3	30.3	21.7
-52.5°	324.9	277.2	229.6	179.8	136.5	106.1	80.1	56.3	41.2	30.3	21.7
-55°	292.4	249.1	205.8	160.3	127.8	99.6	73.6	52.0	41.2	30.3	21.7
-57.5°	259.9	223.1	181.9	145.1	117.0	93.1	69.3	52.0	41.2	30.3	21.7
-60°	233.9	199.3	164.6	134.3	108.3	84.5	62.8	49.8	39.0	30.3	21.7
-62.5°	212.3	179.8	149.4	121.3	99.6	75.8	60.6	49.8	39.0	30.3	19.5
-65°	190.6	162.4	134.3	110.5	88.8	71.5	58.5	47.7	39.0	30.3	19.5
-67.5°	168.9	143.0	121.3	97.5	82.3	69.3	56.3	47.7	36.8	28.2	19.5
-70°	147.3	125.6	106.1	91.0	78.0	65.0	54.1	45.5	36.8	26.0	17.3
-72.5°	130.0	110.5	95.3	84.5	73.6	62.8	52.0	43.3	34.7	23.8	15.2
-75°	110.5	97.5	86.6	75.8	67.1	58.5	49.8	39.0	30.3	21.7	15.2
-77.5°	93.1	84.5	75.8	69.3	60.6	52.0	43.3	34.7	28.2	19.5	13.0
-80°	80.1	73.6	67.1	60.6	54.1	45.5	39.0	30.3	23.8	17.3	10.8
-82.5°	65.0	60.6	54.1	49.8	45.5	39.0	32.5	26.0	17.3	13.0	8.7
-85°	49.8	45.5	43.3	39.0	34.7	28.2	21.7	17.3	13.0	8.7	4.3
-87.5°	26.0	23.8	21.7	19.5	17.3	13.0	10.8	8.7	6.5	4.3	2.2
-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):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0
80°	2.2	0.0	0.0	0.0
77.5°	2.2	0.0	0.0	0.0
75°	2.2	2.2	0.0	0.0
72.5°	2.2	2.2	0.0	0.0
70°	2.2	2.2	0.0	0.0
67.5°	4.3	2.2	0.0	0.0
65°	4.3	2.2	0.0	0.0
62.5°	4.3	2.2	0.0	0.0
60°	4.3	2.2	0.0	0.0
57.5°	6.5	2.2	2.2	0.0
55°	6.5	2.2	2.2	0.0
52.5°	6.5	2.2	2.2	0.0
50°	6.5	4.3	2.2	0.0
47.5°	6.5	4.3	2.2	0.0
45°	6.5	4.3	2.2	0.0
42.5°	6.5	4.3	2.2	0.0
40°	8.7	4.3	2.2	0.0
37.5°	8.7	4.3	2.2	0.0
35°	8.7	4.3	2.2	0.0
32.5°	8.7	4.3	2.2	0.0
30°	8.7	4.3	2.2	0.0
27.5°	8.7	6.5	2.2	0.0
25°	8.7	6.5	2.2	0.0
22.5°	10.8	6.5	2.2	0.0
20°	10.8	6.5	2.2	0.0
17.5°	10.8	6.5	2.2	0.0
15°	10.8	6.5	2.2	0.0
12.5°	10.8	6.5	2.2	0.0
10°	10.8	6.5	2.2	0.0
7.5°	10.8	6.5	2.2	0.0
5°	10.8	6.5	2.2	0.0
2.5°	10.8	6.5	2.2	0.0
0°	10.8	6.5	2.2	0.0
-2.5°	10.8	6.5	2.2	0.0
-5°	10.8	6.5	2.2	0.0
-7.5°	10.8	6.5	2.2	0.0
-10°	10.8	6.5	2.2	0.0
-12.5°	13.0	6.5	2.2	0.0
-15°	13.0	6.5	2.2	0.0
-17.5°	13.0	6.5	2.2	0.0
-20°	13.0	6.5	2.2	0.0

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CATALOG NUMBER: IFLD-S-SA2E-827-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	13.0	6.5	2.2	0.0
-25°	13.0	6.5	2.2	0.0
-27.5°	13.0	6.5	2.2	0.0
-30°	13.0	6.5	2.2	0.0
-32.5°	13.0	6.5	2.2	0.0
-35°	13.0	6.5	2.2	0.0
-37.5°	13.0	6.5	2.2	0.0
-40°	13.0	6.5	2.2	0.0
-42.5°	10.8	6.5	2.2	0.0
-45°	13.0	6.5	2.2	0.0
-47.5°	13.0	6.5	2.2	0.0
-50°	13.0	6.5	2.2	0.0
-52.5°	13.0	6.5	2.2	0.0
-55°	13.0	6.5	2.2	0.0
-57.5°	13.0	6.5	2.2	0.0
-60°	13.0	6.5	2.2	0.0
-62.5°	10.8	6.5	2.2	0.0
-65°	10.8	4.3	2.2	0.0
-67.5°	10.8	4.3	2.2	0.0
-70°	10.8	4.3	2.2	0.0
-72.5°	8.7	4.3	2.2	0.0
-75°	8.7	4.3	2.2	0.0
-77.5°	6.5	2.2	0.0	0.0
-80°	6.5	2.2	0.0	0.0
-82.5°	4.3	2.2	0.0	0.0
-85°	2.2	2.2	0.0	0.0
-87.5°	2.2	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)