

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: P639987

Luminaire Tested: **IFLD-S-SA2A-AMB-U-77-VI**

Issue Date: 02/09/2023

Test Information

Test Method: LM-79-2019
Report Number: P639987
Test Lab: INNOVATION CENTER(G2)
Issue Date: 02/09/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2A-AMB-U-77-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ 7 distribution lens and VISOR
Light Source: (32) 1620K CCT, 0 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	1662 lumens	Max Intensity:	1191.8 candela
Efficiency:	N/A	Max Intensity Angle:	2.5°H x 0°V
Efficacy:	26.1 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		

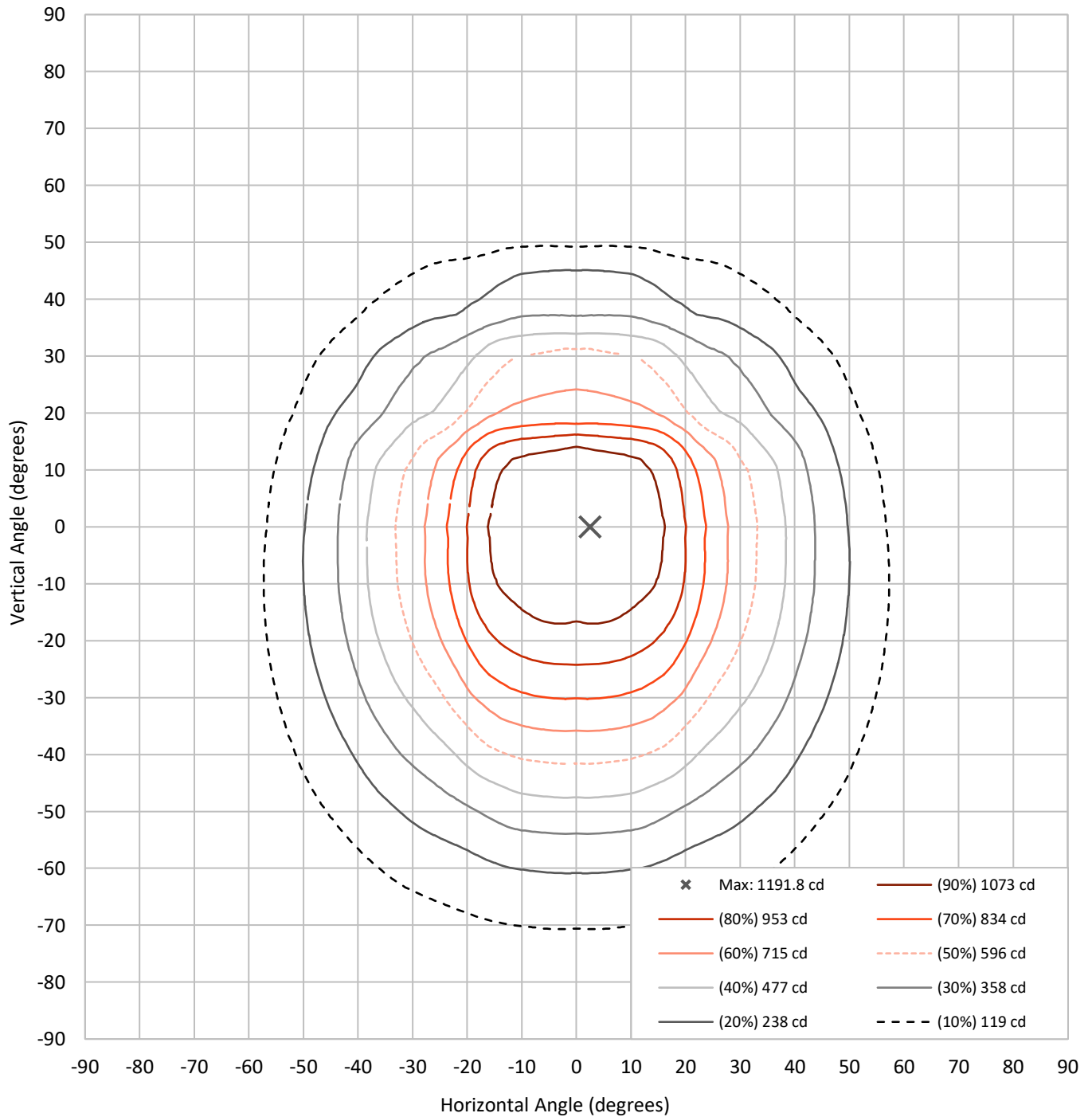
Beam Angle (50%):	66.3°H x 73°V	Field Angle (10%):	113.5°H x 120°V
Beam Lumens:	970.1 lumens	Field Lumens:	1580 lumens
Beam Efficiency:	58.4%	Field Efficiency:	95.1%

Input Watts (W): 63.8
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: 25 FT



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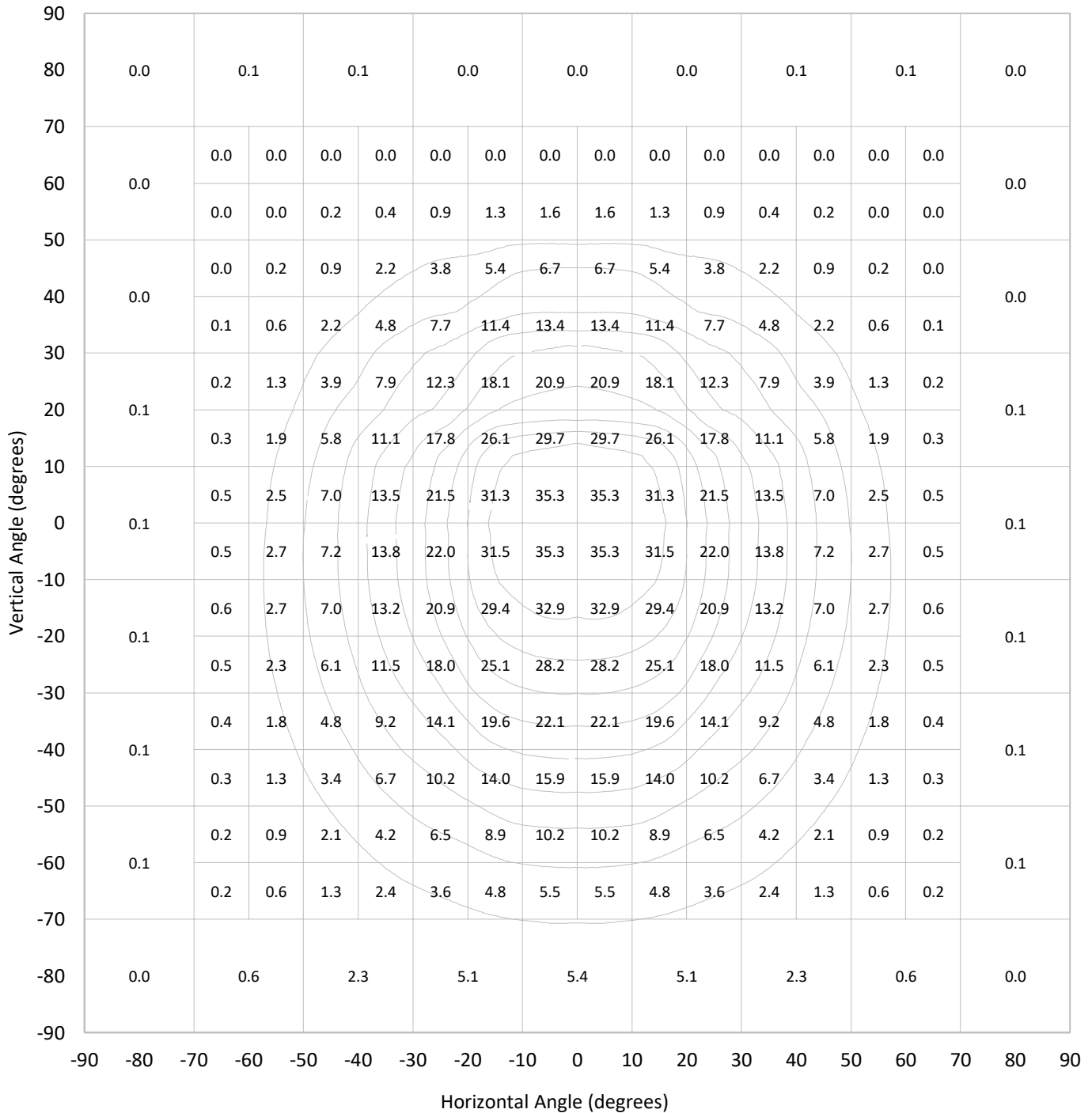
Iso-Candela Plot





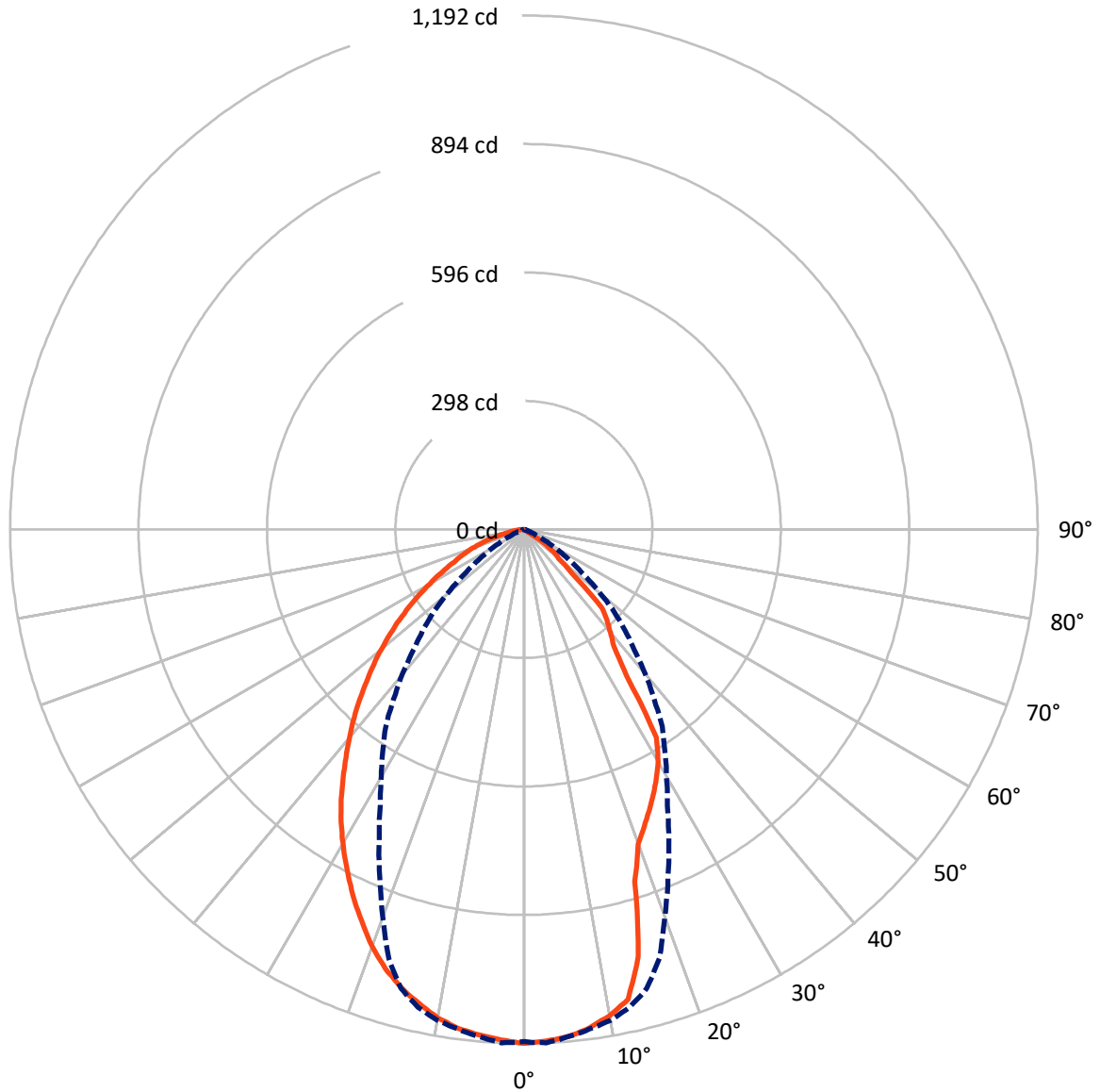
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Lumen Table



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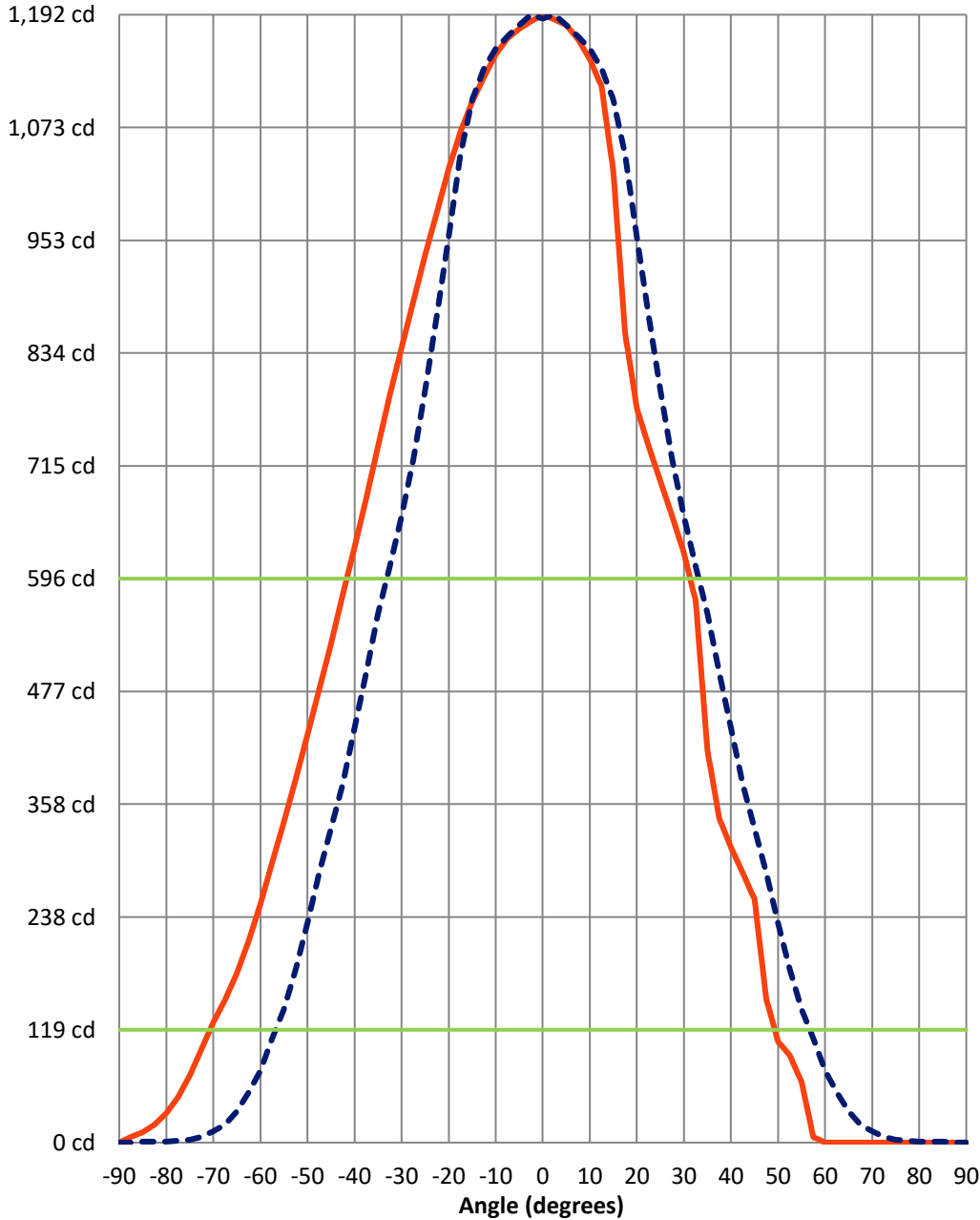
Luminous Intensity Polar Plot



— Vertical Distribution Through 2.5-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 66.3°
 V Angle: 73°
 Lumens: 970.1
 Efficiency: 58.4%

Field:
 H Angle: 113.5°
 V Angle: 120°
 Lumens: 1580
 Efficiency: 95.1%

Spill:
 Lumens: 82.1
 Efficiency: 4.9%

— Vertical Distribution through 2.5-Deg
 - - - Horizontal Distribution through 0-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	0.0	0.0	0.0	0.0	0.0	1.0	1.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
60°	0.0	0.0	0.0	0.0	1.0	1.0	1.0	2.0	2.0	1.0	2.0
57.5°	5.0	6.0	6.0	7.0	7.0	7.0	12.0	13.0	10.0	8.0	10.0
55°	58.0	64.0	64.0	58.0	52.0	44.0	42.0	42.0	45.0	39.0	31.0
52.5°	91.0	92.0	89.0	85.0	80.0	75.0	71.0	67.0	63.0	58.0	51.0
50°	106.0	107.0	106.0	105.0	102.0	98.0	91.0	82.0	75.0	76.0	69.0
47.5°	146.0	152.0	156.0	160.0	159.0	149.0	133.0	117.0	111.0	108.0	102.0
45°	256.0	257.0	249.0	241.0	232.0	214.0	195.0	182.0	162.0	151.0	147.0
42.5°	284.0	285.0	282.0	278.0	273.0	255.0	233.0	208.0	196.0	185.0	174.0
40°	310.9	311.9	308.9	304.9	298.9	283.0	262.0	240.0	221.0	203.0	193.0
37.5°	342.9	342.9	342.9	340.9	335.9	323.9	300.9	280.0	253.0	225.0	223.0
35°	408.9	414.9	421.9	422.9	416.9	401.9	375.9	348.9	308.9	278.0	273.0
32.5°	566.9	571.9	555.9	540.9	524.9	516.9	487.9	433.9	402.9	353.9	328.9
30°	624.9	622.9	614.9	605.9	595.9	582.9	544.9	495.9	448.9	411.9	378.9
27.5°	662.9	661.9	655.9	646.9	635.9	620.9	584.9	537.9	488.9	443.9	408.9
25°	701.9	698.9	691.9	682.9	671.9	654.9	624.9	579.9	525.9	474.9	435.9
22.5°	740.9	735.9	726.9	718.9	706.9	691.9	667.9	618.9	559.9	508.9	464.9
20°	779.9	775.9	768.9	762.9	749.9	733.9	710.9	663.9	604.9	548.9	495.9
17.5°	852.9	855.9	854.9	848.9	833.9	820.9	803.9	744.9	685.9	608.9	555.9
15°	1040.8	1025.8	1009.8	994.8	988.8	960.8	934.8	861.9	790.9	699.9	642.9
12.5°	1129.8	1115.8	1106.8	1097.8	1076.8	1059.8	1013.8	946.8	856.9	773.9	717.9
10°	1156.8	1144.8	1142.8	1128.8	1112.8	1087.8	1051.8	986.8	894.8	812.9	741.9
7.5°	1175.8	1165.8	1158.8	1148.8	1133.8	1107.8	1071.8	1005.8	919.8	835.9	759.9
5°	1187.8	1180.8	1171.8	1161.8	1145.8	1120.8	1083.8	1021.8	934.8	850.9	774.9
2.5°	1190.8	1186.8	1179.8	1164.8	1149.8	1125.8	1088.8	1029.8	942.8	858.9	782.9
0°	1187.8	1191.8	1180.8	1168.8	1155.8	1134.8	1101.8	1043.8	956.8	873.9	794.9
-2.5°	1164.8	1184.8	1180.8	1165.8	1149.8	1125.8	1089.8	1035.8	949.8	862.9	786.9
-5°	1164.8	1176.8	1168.8	1165.8	1148.8	1124.8	1090.8	1036.8	954.8	867.9	789.9
-7.5°	1156.8	1166.8	1158.8	1148.8	1139.8	1115.8	1082.8	1029.8	951.8	865.9	787.9
-10°	1138.8	1149.8	1144.8	1133.8	1115.8	1097.8	1068.8	1022.8	941.8	856.9	780.9
-12.5°	1117.8	1125.8	1123.8	1112.8	1093.8	1072.8	1045.8	1001.8	925.8	842.9	766.9
-15°	1092.8	1099.8	1098.8	1086.8	1067.8	1044.8	1014.8	970.8	901.8	823.9	752.9
-17.5°	1061.8	1067.8	1066.8	1053.8	1037.8	1013.8	983.8	940.8	872.9	798.9	730.9
-20°	1022.8	1028.8	1026.8	1014.8	998.8	977.8	948.8	903.8	840.9	770.9	706.9



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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°	983.8	982.8	981.8	972.8	957.8	937.8	912.8	864.9	803.9	738.9	678.9
-25°	939.8	937.8	935.8	927.8	912.8	893.8	867.9	827.9	766.9	701.9	644.9
-27.5°	885.8	888.8	886.8	878.9	865.9	847.9	819.9	785.9	728.9	666.9	609.9
-30°	836.9	839.9	835.9	828.9	815.9	799.9	771.9	735.9	687.9	630.9	578.9
-32.5°	788.9	789.9	783.9	776.9	764.9	748.9	724.9	685.9	640.9	590.9	544.9
-35°	732.9	735.9	730.9	723.9	713.9	698.9	679.9	639.9	594.9	547.9	508.9
-37.5°	678.9	680.9	677.9	671.9	662.9	647.9	629.9	595.9	551.9	507.9	472.9
-40°	629.9	628.9	624.9	619.9	611.9	596.9	578.9	550.9	510.9	470.9	435.9
-42.5°	576.9	578.9	574.9	569.9	562.9	546.9	527.9	504.9	468.9	433.9	400.9
-45°	526.9	526.9	523.9	519.9	512.9	497.9	476.9	455.9	424.9	395.9	368.9
-47.5°	477.9	478.9	475.9	470.9	464.9	450.9	429.9	406.9	381.9	357.9	333.9
-50°	428.9	430.9	427.9	423.9	417.9	405.9	385.9	362.9	339.9	319.9	299.9
-52.5°	382.9	383.9	380.9	376.9	371.9	362.9	342.9	322.9	300.9	284.0	267.0
-55°	337.9	338.9	336.9	332.9	327.9	319.9	302.9	284.0	265.0	248.0	234.0
-57.5°	294.9	295.9	293.0	289.0	284.0	278.0	263.0	246.0	228.0	213.0	201.0
-60°	251.0	252.0	251.0	247.0	242.0	236.0	224.0	210.0	196.0	183.0	173.0
-62.5°	214.0	213.0	210.0	207.0	203.0	198.0	189.0	178.0	167.0	156.0	147.0
-65°	178.0	179.0	178.0	174.0	170.0	166.0	160.0	151.0	143.0	134.0	127.0
-67.5°	152.0	151.0	151.0	147.0	144.0	141.0	135.0	129.0	122.0	115.0	108.0
-70°	126.0	127.0	127.0	123.0	121.0	118.0	114.0	109.0	103.0	98.0	92.0
-72.5°	98.0	99.0	100.0	98.0	98.0	97.0	95.0	91.0	87.0	83.0	79.0
-75°	69.0	71.0	72.0	74.0	75.0	77.0	78.0	75.0	71.0	68.0	65.0
-77.5°	46.0	48.0	49.0	52.0	55.0	57.0	59.0	58.0	56.0	54.0	52.0
-80°	30.0	31.0	32.0	36.0	38.0	41.0	44.0	43.0	42.0	41.0	40.0
-82.5°	18.0	19.0	20.0	23.0	26.0	28.0	31.0	30.0	30.0	29.0	29.0
-85°	10.0	11.0	12.0	14.0	16.0	18.0	19.0	18.0	18.0	17.0	16.0
-87.5°	5.0	6.0	6.0	7.0	8.0	8.0	9.0	8.0	8.0	8.0	7.0
-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°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
85°	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
82.5°	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
80°	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0
77.5°	0.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0
75°	0.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	1.0
72.5°	0.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	1.0	1.0
70°	0.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	1.0	1.0
67.5°	0.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0
65°	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
62.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
60°	2.0	2.0	2.0	2.0	2.0	1.0	1.0	2.0	2.0	1.0	1.0
57.5°	10.0	6.0	5.0	6.0	5.0	5.0	3.0	2.0	2.0	2.0	2.0
55°	26.0	25.0	19.0	14.0	12.0	10.0	7.0	5.0	3.0	3.0	3.0
52.5°	43.0	37.0	34.0	29.0	23.0	19.0	14.0	10.0	6.0	4.0	3.0
50°	58.0	54.0	49.0	43.0	36.0	30.0	24.0	17.0	12.0	8.0	5.0
47.5°	92.0	80.0	72.0	64.0	52.0	44.0	37.0	29.0	20.0	13.0	9.0
45°	132.0	112.0	98.0	90.0	75.0	60.0	50.0	43.0	31.0	20.0	14.0
42.5°	162.0	144.0	123.0	108.0	94.0	79.0	64.0	54.0	43.0	30.0	19.0
40°	183.0	166.0	147.0	131.0	111.0	95.0	80.0	68.0	56.0	42.0	26.0
37.5°	210.0	193.0	175.0	159.0	137.0	111.0	97.0	84.0	70.0	54.0	37.0
35°	265.0	233.0	212.0	192.0	167.0	139.0	115.0	101.0	85.0	67.0	49.0
32.5°	323.9	295.9	255.0	230.0	205.0	169.0	141.0	118.0	100.0	81.0	60.0
30°	360.9	332.9	297.9	267.0	233.0	198.0	167.0	138.0	116.0	94.0	72.0
27.5°	382.9	360.9	327.9	292.0	258.0	221.0	190.0	161.0	130.0	106.0	83.0
25°	406.9	380.9	354.9	314.9	278.0	241.0	209.0	182.0	145.0	117.0	93.0
22.5°	428.9	404.9	377.9	338.9	296.9	261.0	234.0	202.0	164.0	129.0	103.0
20°	466.9	441.9	406.9	362.9	323.9	293.0	261.0	225.0	182.0	140.0	112.0
17.5°	528.9	492.9	443.9	399.9	362.9	325.9	288.0	252.0	200.0	154.0	124.0
15°	602.9	549.9	493.9	442.9	400.9	359.9	315.9	273.0	220.0	172.0	136.0
12.5°	653.9	590.9	539.9	486.9	438.9	390.9	337.9	289.0	238.0	187.0	147.0
10°	677.9	620.9	574.9	520.9	459.9	403.9	351.9	302.9	253.0	200.0	158.0
7.5°	693.9	637.9	586.9	534.9	471.9	415.9	362.9	313.9	266.0	211.0	169.0
5°	703.9	645.9	594.9	543.9	480.9	423.9	369.9	323.9	276.0	220.0	176.0
2.5°	709.9	653.9	602.9	553.9	490.9	432.9	376.9	329.9	283.0	228.0	181.0
0°	721.9	661.9	608.9	558.9	496.9	437.9	378.9	331.9	285.0	232.0	183.0
-2.5°	716.9	658.9	605.9	558.9	498.9	438.9	382.9	332.9	287.0	238.0	187.0
-5°	720.9	659.9	604.9	554.9	496.9	435.9	381.9	330.9	286.0	240.0	188.0
-7.5°	719.9	659.9	604.9	552.9	496.9	436.9	381.9	330.9	286.0	240.0	189.0
-10°	714.9	655.9	600.9	548.9	492.9	434.9	379.9	328.9	284.0	238.0	190.0
-12.5°	704.9	647.9	592.9	540.9	485.9	428.9	373.9	324.9	281.0	235.0	189.0
-15°	690.9	634.9	580.9	529.9	476.9	420.9	365.9	318.9	276.0	230.0	187.0
-17.5°	672.9	618.9	565.9	515.9	464.9	410.9	357.9	313.9	269.0	225.0	182.0
-20°	649.9	598.9	549.9	500.9	450.9	397.9	347.9	302.9	261.0	218.0	177.0



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	623.9	577.9	529.9	482.9	434.9	382.9	334.9	292.0	251.0	210.0	171.0
-25°	597.9	553.9	508.9	463.9	416.9	367.9	320.9	279.0	240.0	201.0	164.0
-27.5°	566.9	525.9	484.9	442.9	398.9	351.9	306.9	267.0	229.0	190.0	156.0
-30°	534.9	496.9	459.9	422.9	378.9	333.9	291.0	253.0	216.0	180.0	147.0
-32.5°	503.9	467.9	433.9	396.9	357.9	313.9	275.0	238.0	202.0	168.0	136.0
-35°	472.9	439.9	406.9	371.9	332.9	293.0	257.0	221.0	188.0	156.0	127.0
-37.5°	440.9	410.9	379.9	345.9	308.9	273.0	237.0	205.0	175.0	144.0	117.0
-40°	407.9	380.9	353.9	320.9	288.0	252.0	218.0	188.0	160.0	132.0	109.0
-42.5°	375.9	350.9	324.9	295.9	264.0	231.0	200.0	172.0	146.0	122.0	100.0
-45°	343.9	319.9	295.9	270.0	239.0	208.0	182.0	157.0	133.0	111.0	91.0
-47.5°	310.9	290.0	266.0	241.0	214.0	187.0	163.0	141.0	119.0	99.0	82.0
-50°	280.0	260.0	238.0	213.0	188.0	166.0	145.0	125.0	105.0	88.0	73.0
-52.5°	251.0	232.0	210.0	188.0	166.0	146.0	128.0	110.0	92.0	78.0	66.0
-55°	219.0	204.0	184.0	165.0	146.0	129.0	112.0	97.0	82.0	69.0	58.0
-57.5°	189.0	177.0	161.0	144.0	128.0	113.0	100.0	86.0	73.0	62.0	52.0
-60°	163.0	152.0	139.0	125.0	112.0	100.0	88.0	76.0	65.0	55.0	46.0
-62.5°	139.0	130.0	120.0	109.0	98.0	87.0	77.0	67.0	57.0	48.0	41.0
-65°	119.0	111.0	103.0	94.0	84.0	75.0	66.0	57.0	50.0	42.0	36.0
-67.5°	102.0	95.0	88.0	80.0	72.0	64.0	57.0	50.0	43.0	37.0	32.0
-70°	86.0	81.0	75.0	68.0	62.0	55.0	48.0	43.0	37.0	32.0	28.0
-72.5°	74.0	69.0	64.0	58.0	53.0	47.0	42.0	37.0	32.0	28.0	24.0
-75°	61.0	57.0	53.0	48.0	43.0	38.0	33.0	29.0	26.0	23.0	21.0
-77.5°	49.0	45.0	41.0	38.0	33.0	29.0	25.0	22.0	20.0	18.0	17.0
-80°	37.0	35.0	32.0	29.0	25.0	21.0	18.0	15.0	14.0	14.0	13.0
-82.5°	27.0	25.0	23.0	21.0	18.0	16.0	13.0	11.0	10.0	10.0	9.0
-85°	15.0	15.0	14.0	13.0	12.0	10.0	8.0	7.0	7.0	6.0	6.0
-87.5°	7.0	6.0	6.0	6.0	5.0	5.0	4.0	4.0	3.0	3.0	3.0
-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°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
85°	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	0.0	0.0
82.5°	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	0.0	0.0
80°	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	0.0
77.5°	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	0.0
75°	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	0.0
72.5°	1.0	1.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0
70°	1.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0
67.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
65°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
62.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
60°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
57.5°	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
55°	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
52.5°	3.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
50°	4.0	3.0	3.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0
47.5°	5.0	4.0	3.0	3.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0
45°	9.0	5.0	4.0	3.0	3.0	2.0	2.0	1.0	1.0	1.0	1.0
42.5°	13.0	8.0	5.0	4.0	3.0	2.0	2.0	1.0	1.0	1.0	1.0
40°	18.0	12.0	7.0	5.0	3.0	3.0	2.0	2.0	1.0	1.0	1.0
37.5°	24.0	16.0	10.0	6.0	4.0	3.0	3.0	2.0	1.0	1.0	1.0
35°	32.0	21.0	13.0	8.0	5.0	4.0	3.0	2.0	2.0	1.0	1.0
32.5°	42.0	27.0	17.0	10.0	6.0	4.0	3.0	2.0	2.0	1.0	1.0
30°	51.0	33.0	22.0	13.0	8.0	5.0	3.0	3.0	2.0	1.0	1.0
27.5°	61.0	42.0	26.0	16.0	10.0	6.0	4.0	3.0	2.0	1.0	1.0
25°	70.0	49.0	32.0	19.0	12.0	7.0	4.0	3.0	2.0	2.0	1.0
22.5°	79.0	56.0	37.0	23.0	14.0	8.0	5.0	3.0	2.0	2.0	1.0
20°	89.0	64.0	43.0	27.0	17.0	10.0	5.0	3.0	3.0	2.0	1.0
17.5°	98.0	72.0	49.0	31.0	19.0	11.0	6.0	4.0	3.0	2.0	1.0
15°	107.0	79.0	55.0	35.0	21.0	13.0	7.0	4.0	3.0	2.0	1.0
12.5°	115.0	86.0	60.0	38.0	24.0	14.0	8.0	4.0	3.0	2.0	1.0
10°	123.0	92.0	64.0	42.0	26.0	15.0	9.0	5.0	3.0	2.0	1.0
7.5°	131.0	98.0	68.0	45.0	28.0	17.0	9.0	5.0	3.0	2.0	1.0
5°	135.0	102.0	71.0	48.0	30.0	18.0	11.0	5.0	3.0	2.0	1.0
2.5°	139.0	107.0	74.0	51.0	32.0	18.0	11.0	6.0	3.0	2.0	1.0
0°	141.0	110.0	76.0	53.0	33.0	19.0	12.0	6.0	3.0	2.0	1.0
-2.5°	146.0	113.0	79.0	55.0	35.0	21.0	13.0	7.0	3.0	2.0	1.0
-5°	149.0	115.0	82.0	56.0	37.0	23.0	13.0	7.0	4.0	2.0	1.0
-7.5°	151.0	116.0	83.0	57.0	38.0	24.0	13.0	8.0	4.0	2.0	1.0
-10°	151.0	116.0	84.0	58.0	39.0	25.0	14.0	8.0	4.0	2.0	1.0
-12.5°	150.0	115.0	84.0	58.0	40.0	25.0	14.0	8.0	4.0	2.0	1.0
-15°	148.0	114.0	83.0	58.0	40.0	25.0	14.0	9.0	4.0	2.0	1.0
-17.5°	145.0	111.0	82.0	57.0	39.0	25.0	15.0	9.0	4.0	3.0	1.0
-20°	141.0	108.0	80.0	56.0	38.0	25.0	15.0	9.0	4.0	3.0	2.0



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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°	136.0	104.0	77.0	54.0	37.0	24.0	15.0	9.0	5.0	3.0	2.0
-25°	130.0	100.0	74.0	51.0	36.0	23.0	15.0	9.0	5.0	3.0	2.0
-27.5°	123.0	95.0	70.0	49.0	34.0	23.0	15.0	9.0	5.0	3.0	2.0
-30°	115.0	90.0	66.0	47.0	33.0	22.0	14.0	8.0	5.0	3.0	1.0
-32.5°	109.0	85.0	62.0	44.0	32.0	21.0	14.0	8.0	5.0	3.0	2.0
-35°	102.0	80.0	59.0	42.0	30.0	20.0	13.0	8.0	5.0	3.0	2.0
-37.5°	95.0	74.0	56.0	41.0	29.0	19.0	13.0	8.0	5.0	3.0	2.0
-40°	89.0	69.0	52.0	38.0	27.0	18.0	12.0	8.0	5.0	3.0	2.0
-42.5°	82.0	64.0	49.0	36.0	25.0	17.0	11.0	8.0	5.0	3.0	2.0
-45°	75.0	59.0	45.0	33.0	23.0	16.0	11.0	7.0	5.0	3.0	2.0
-47.5°	67.0	54.0	41.0	30.0	22.0	15.0	10.0	7.0	5.0	3.0	2.0
-50°	61.0	48.0	37.0	27.0	20.0	15.0	10.0	7.0	5.0	3.0	2.0
-52.5°	54.0	43.0	33.0	25.0	19.0	14.0	10.0	7.0	5.0	3.0	2.0
-55°	48.0	38.0	30.0	23.0	18.0	13.0	10.0	7.0	5.0	3.0	2.0
-57.5°	43.0	34.0	27.0	22.0	17.0	13.0	9.0	6.0	4.0	3.0	2.0
-60°	38.0	31.0	25.0	21.0	16.0	12.0	9.0	6.0	4.0	3.0	2.0
-62.5°	34.0	28.0	23.0	19.0	15.0	11.0	8.0	6.0	4.0	3.0	2.0
-65°	30.0	26.0	21.0	18.0	14.0	11.0	8.0	5.0	4.0	2.0	2.0
-67.5°	27.0	23.0	19.0	16.0	13.0	10.0	8.0	5.0	3.0	2.0	2.0
-70°	24.0	20.0	17.0	15.0	12.0	9.0	7.0	5.0	3.0	2.0	2.0
-72.5°	21.0	18.0	16.0	13.0	11.0	8.0	6.0	4.0	3.0	2.0	2.0
-75°	19.0	16.0	14.0	12.0	10.0	7.0	5.0	4.0	2.0	2.0	1.0
-77.5°	16.0	13.0	11.0	10.0	8.0	6.0	5.0	3.0	2.0	2.0	1.0
-80°	12.0	10.0	9.0	8.0	7.0	5.0	4.0	3.0	2.0	1.0	1.0
-82.5°	9.0	8.0	7.0	6.0	5.0	4.0	3.0	2.0	2.0	1.0	1.0
-85°	6.0	5.0	4.0	4.0	3.0	3.0	2.0	1.0	1.0	1.0	1.0
-87.5°	3.0	3.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	0.0	0.0
-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°	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0
60°	1.0	0.0	0.0	0.0
57.5°	1.0	0.0	0.0	0.0
55°	1.0	0.0	0.0	0.0
52.5°	1.0	0.0	0.0	0.0
50°	1.0	0.0	0.0	0.0
47.5°	1.0	0.0	0.0	0.0
45°	1.0	0.0	0.0	0.0
42.5°	1.0	0.0	0.0	0.0
40°	1.0	1.0	0.0	0.0
37.5°	1.0	1.0	0.0	0.0
35°	1.0	1.0	0.0	0.0
32.5°	1.0	1.0	0.0	0.0
30°	1.0	1.0	0.0	0.0
27.5°	1.0	1.0	0.0	0.0
25°	1.0	1.0	0.0	0.0
22.5°	1.0	1.0	0.0	0.0
20°	1.0	1.0	0.0	0.0
17.5°	1.0	1.0	0.0	0.0
15°	1.0	1.0	0.0	0.0
12.5°	1.0	1.0	0.0	0.0
10°	1.0	1.0	0.0	0.0
7.5°	1.0	1.0	0.0	0.0
5°	1.0	1.0	0.0	0.0
2.5°	1.0	1.0	0.0	0.0
0°	1.0	1.0	0.0	0.0
-2.5°	1.0	1.0	0.0	0.0
-5°	1.0	1.0	0.0	0.0
-7.5°	1.0	1.0	0.0	0.0
-10°	1.0	1.0	0.0	0.0
-12.5°	1.0	1.0	0.0	0.0
-15°	1.0	1.0	0.0	0.0
-17.5°	1.0	1.0	0.0	0.0
-20°	1.0	1.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	1.0	1.0	0.0	0.0
-25°	1.0	1.0	0.0	0.0
-27.5°	1.0	1.0	0.0	0.0
-30°	1.0	1.0	0.0	0.0
-32.5°	1.0	1.0	0.0	0.0
-35°	1.0	1.0	0.0	0.0
-37.5°	1.0	1.0	0.0	0.0
-40°	1.0	1.0	0.0	0.0
-42.5°	1.0	1.0	0.0	0.0
-45°	1.0	1.0	0.0	0.0
-47.5°	1.0	1.0	0.0	0.0
-50°	1.0	1.0	0.0	0.0
-52.5°	1.0	1.0	0.0	0.0
-55°	1.0	1.0	0.0	0.0
-57.5°	1.0	1.0	0.0	0.0
-60°	1.0	1.0	0.0	0.0
-62.5°	1.0	1.0	0.0	0.0
-65°	1.0	1.0	0.0	0.0
-67.5°	1.0	1.0	0.0	0.0
-70°	1.0	1.0	0.0	0.0
-72.5°	1.0	1.0	0.0	0.0
-75°	1.0	0.0	0.0	0.0
-77.5°	1.0	0.0	0.0	0.0
-80°	1.0	0.0	0.0	0.0
-82.5°	0.0	0.0	0.0	0.0
-85°	0.0	0.0	0.0	0.0
-87.5°	0.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)