

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: P721954

Luminaire Tested: **IFLD-S-SA3A-AMB-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P721954
Test Lab: INNOVATION CENTER
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3A-AMB-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 distribution lens and VISOR
Light Source: (48) 1620K CCT, 0 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 5V
Luminaire Lumens:	1983.2 lumens	Max Intensity:	1814.7 candela
Efficiency:	N/A	Max Intensity Angle:	2.5°H x 30°V
Efficacy:	20.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	62.9°H x 56.2°V	Field Angle (10%):	110.8°H x 96.6°V
Beam Lumens:	992.1 lumens	Field Lumens:	1820.1 lumens
Beam Efficiency:	50.0%	Field Efficiency:	91.8%

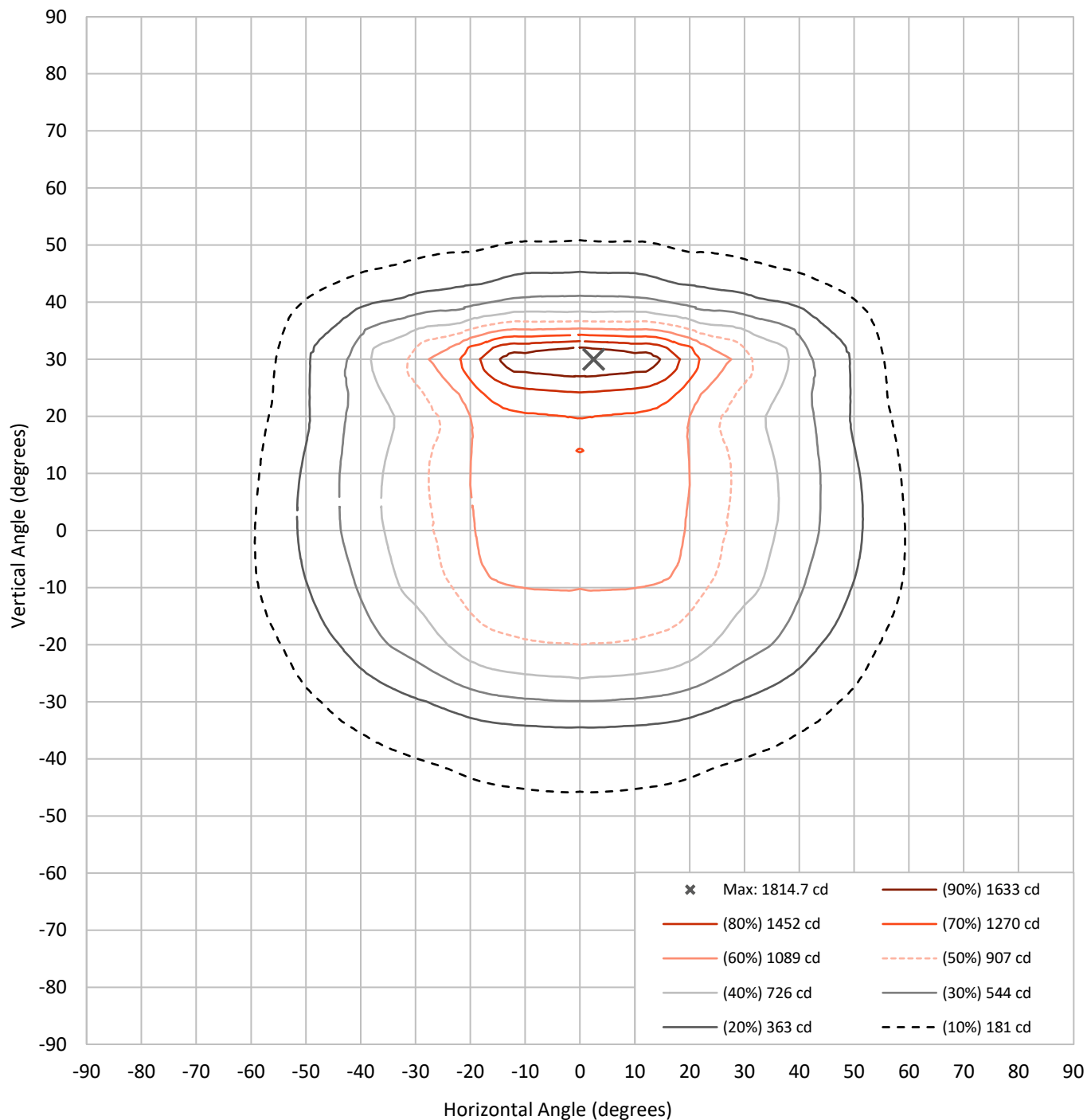
Input Watts (W): 94.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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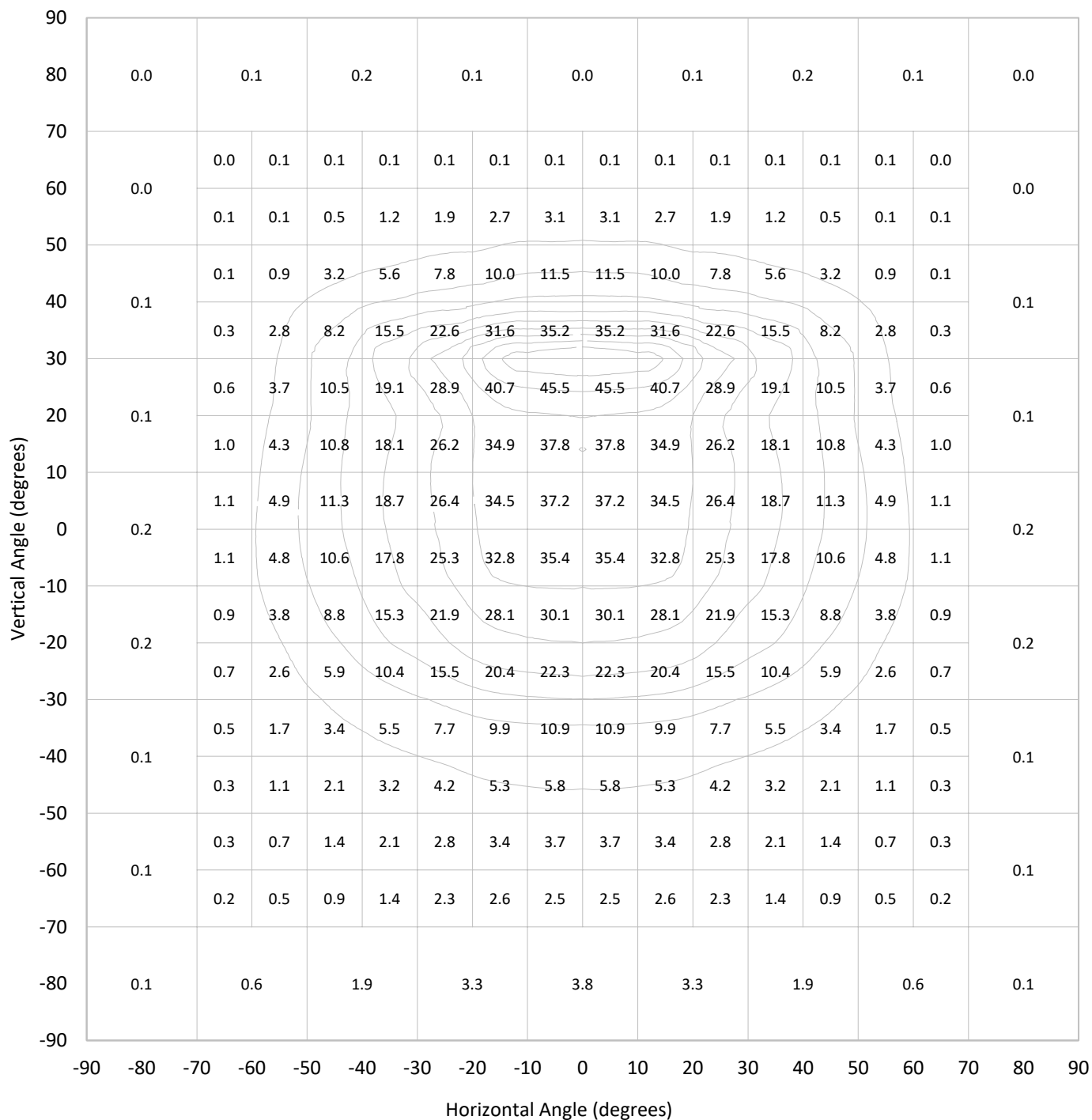
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Iso-Candela Plot



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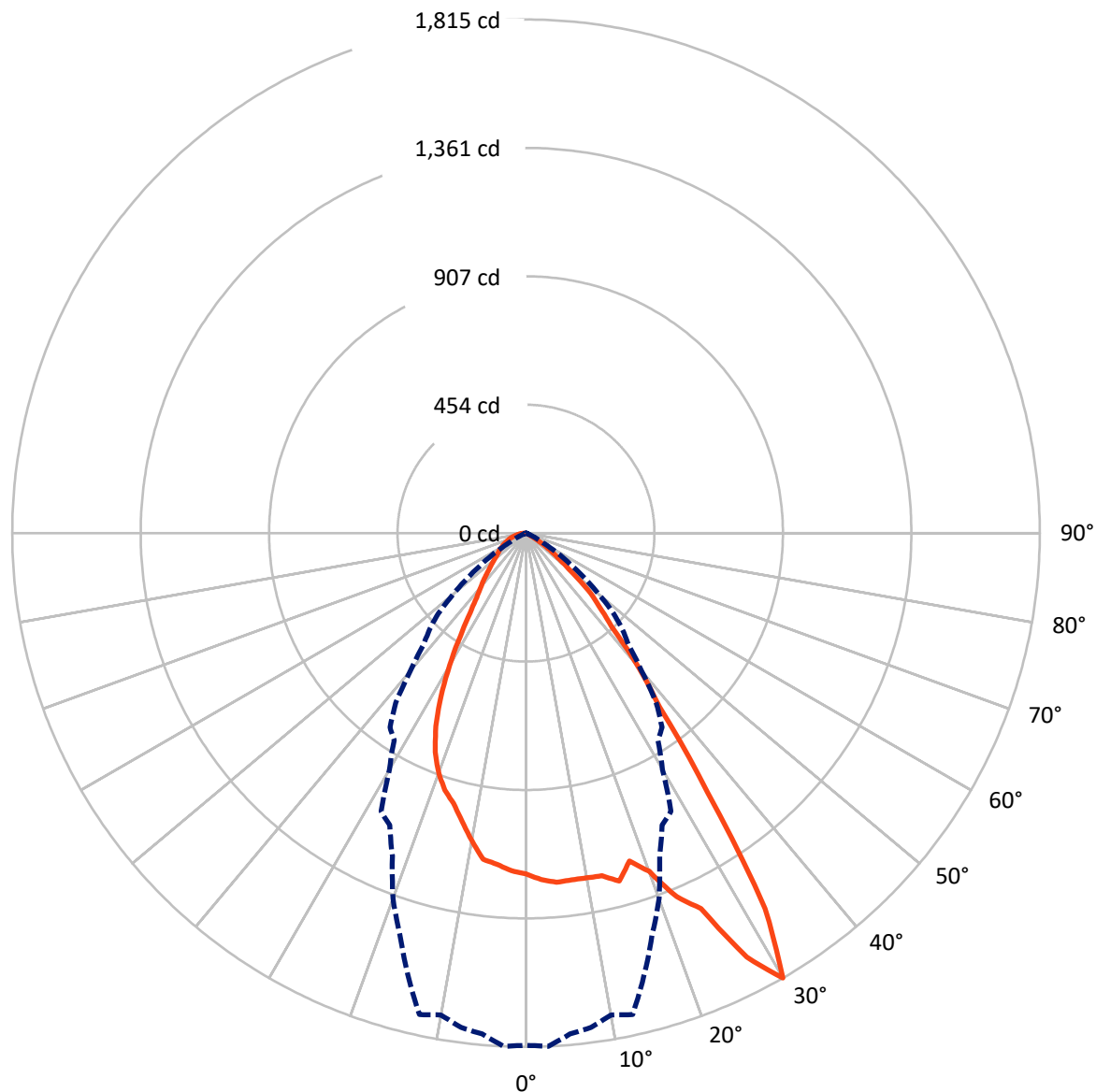
Lumen Table



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Luminous Intensity Polar Plot

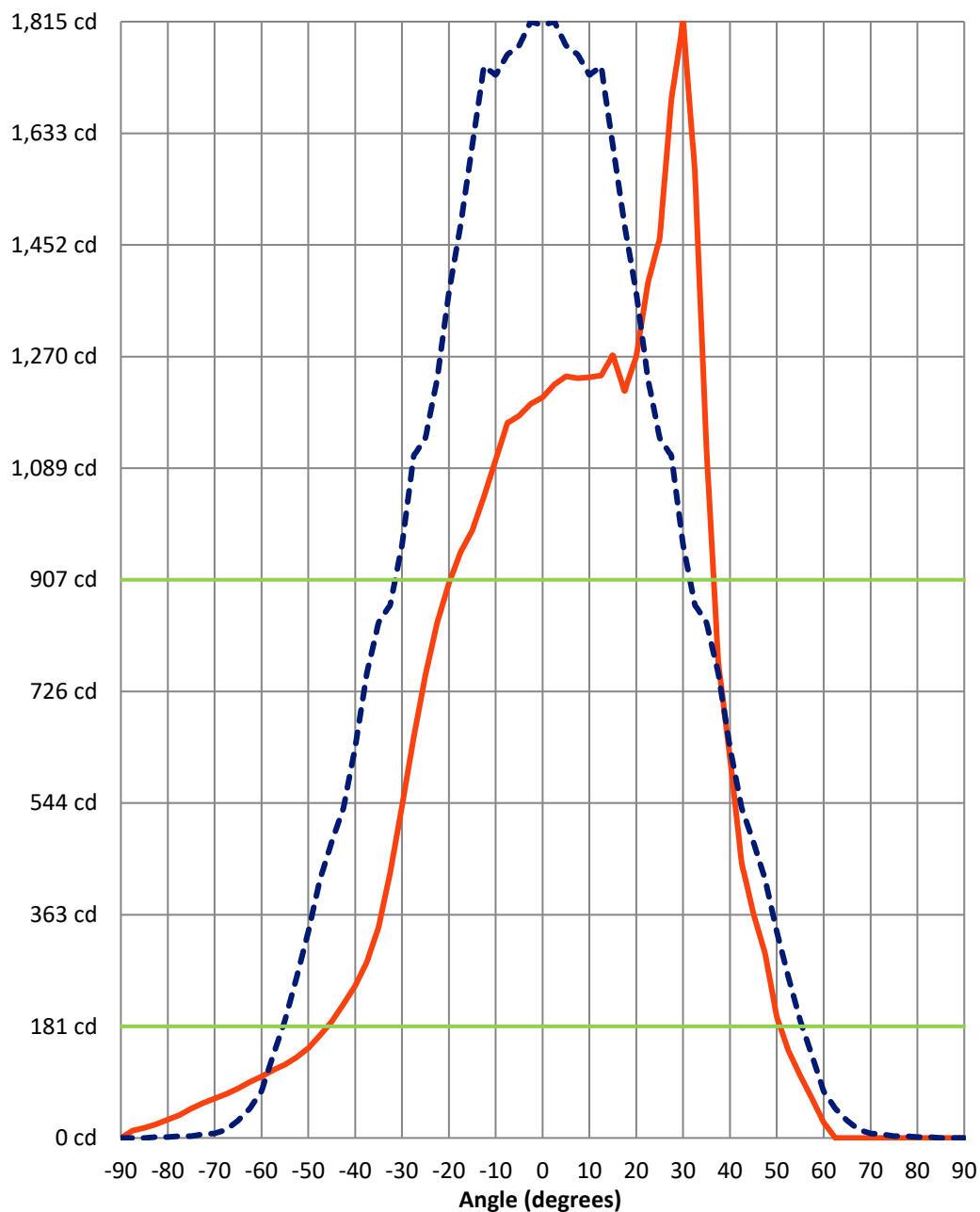


— Vertical Distribution Through 2.5-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 62.9°

V Angle: 56.2°

Lumens: 992.1

Efficiency: 50.0%

Field:

H Angle: 110.8°

V Angle: 96.6°

Lumens: 1820.1

Efficiency: 91.8%

Spill:

Lumens: 163.2

Efficiency: 8.2%

— Vertical Distribution through 2.5-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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5	1.5
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5	1.5
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5	1.5
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5	1.5
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5	1.5
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5	1.5
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5	1.5
65°	0.0	0.0	0.0	0.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5
62.5°	0.0	0.0	0.0	0.0	1.5	1.5	3.0	4.5	4.5	3.0	3.0
60°	23.8	25.3	26.8	28.3	28.3	26.8	23.8	22.3	19.4	16.4	16.4
57.5°	65.6	64.1	62.6	61.1	59.6	58.1	55.1	52.1	49.2	44.7	38.7
55°	99.8	101.3	98.3	93.9	89.4	84.9	83.4	80.5	76.0	71.5	65.6
52.5°	146.0	141.5	140.1	143.0	144.5	137.1	125.2	113.2	107.3	102.8	96.8
50°	199.6	196.7	193.7	195.2	195.2	193.7	181.8	160.9	144.5	149.0	141.5
47.5°	301.0	299.5	293.5	290.5	284.6	268.2	248.8	233.9	220.5	216.0	211.6
45°	371.0	365.0	363.5	366.5	365.0	351.6	327.8	301.0	290.5	286.1	277.1
42.5°	448.5	447.0	447.0	451.4	448.5	441.0	415.7	379.9	377.0	362.1	345.7
40°	621.3	618.3	612.4	609.4	596.0	582.6	558.7	530.4	499.1	472.3	458.9
37.5°	780.7	774.8	780.7	788.2	792.6	791.1	739.0	713.7	663.0	594.5	607.9
35°	1130.9	1118.9	1108.5	1093.6	1101.1	1110.0	1075.7	1010.2	913.3	832.9	800.1
32.5°	1603.2	1571.9	1567.4	1548.0	1512.3	1522.7	1475.0	1329.0	1279.8	1101.1	1031.0
30°	1808.8	1814.7	1776.0	1761.1	1728.3	1741.7	1613.6	1484.0	1373.7	1233.7	1138.3
27.5°	1679.1	1688.1	1658.3	1647.9	1628.5	1619.5	1531.6	1442.2	1317.1	1205.3	1108.5
25°	1475.0	1463.1	1458.6	1458.6	1443.7	1419.9	1387.1	1312.6	1214.3	1093.6	1037.0
22.5°	1385.6	1390.1	1364.8	1345.4	1336.5	1320.1	1291.8	1221.7	1135.3	1037.0	971.4
20°	1281.3	1270.9	1262.0	1253.0	1250.0	1235.1	1217.3	1151.7	1089.1	995.3	919.3
17.5°	1189.0	1214.3	1248.6	1226.2	1214.3	1217.3	1215.8	1129.4	1077.2	999.7	898.4
15°	1290.3	1272.4	1266.4	1276.9	1254.5	1239.6	1230.7	1165.1	1080.2	1017.6	938.7
12.5°	1250.0	1239.6	1245.6	1242.6	1235.1	1221.7	1202.4	1145.7	1086.2	1017.6	944.6
10°	1235.1	1236.6	1238.1	1238.1	1236.6	1220.2	1200.9	1160.6	1087.6	1022.1	955.0
7.5°	1239.6	1235.1	1242.6	1238.1	1233.7	1217.3	1200.9	1160.6	1089.1	1019.1	959.5
5°	1235.1	1238.1	1236.6	1236.6	1229.2	1214.3	1191.9	1150.2	1080.2	1010.2	955.0
2.5°	1227.7	1224.7	1217.3	1215.8	1215.8	1199.4	1178.5	1136.8	1071.3	998.2	941.6
0°	1205.3	1203.9	1197.9	1191.9	1187.5	1184.5	1159.2	1129.4	1066.8	990.8	949.1
-2.5°	1186.0	1193.4	1186.0	1175.5	1171.1	1154.7	1138.3	1116.0	1056.4	981.9	929.7
-5°	1187.5	1174.1	1178.5	1177.0	1166.6	1153.2	1133.8	1104.0	1051.9	983.3	925.2
-7.5°	1166.6	1162.1	1153.2	1162.1	1153.2	1133.8	1120.4	1086.2	1028.0	965.5	907.4
-10°	1093.6	1102.5	1098.1	1098.1	1090.6	1081.7	1069.8	1048.9	987.8	925.2	867.1
-12.5°	1044.4	1042.9	1037.0	1037.0	1034.0	1026.6	1013.1	989.3	941.6	882.0	826.9
-15°	995.3	987.8	986.3	978.9	975.9	971.4	956.5	938.7	895.4	843.3	791.1
-17.5°	956.5	952.1	949.1	940.1	938.7	925.2	913.3	896.9	852.2	801.6	755.4
-20°	907.4	901.4	902.9	896.9	888.0	874.6	864.2	843.3	806.0	758.4	709.2



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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°	846.3	837.3	840.3	832.9	822.4	810.5	797.1	773.3	743.5	694.3	643.6
-25°	761.4	752.4	750.9	745.0	736.0	725.6	710.7	689.8	651.1	610.9	564.7
-27.5°	663.0	651.1	648.1	639.2	631.7	618.3	606.4	584.0	554.3	520.0	481.2
-30°	537.9	539.4	534.9	524.5	520.0	508.1	497.6	481.2	457.4	429.1	397.8
-32.5°	427.6	432.1	427.6	420.2	417.2	411.2	402.3	388.9	369.5	347.2	321.8
-35°	341.2	342.7	341.2	338.2	335.2	332.3	321.8	315.9	298.0	281.6	268.2
-37.5°	287.6	286.1	284.6	281.6	278.6	275.6	269.7	262.2	251.8	236.9	228.0
-40°	247.3	247.3	245.8	242.9	239.9	238.4	232.4	226.5	217.5	205.6	195.2
-42.5°	216.0	217.5	216.0	213.1	210.1	207.1	202.6	198.2	189.2	180.3	169.9
-45°	187.7	189.2	187.7	186.2	183.3	180.3	177.3	172.8	165.4	156.4	147.5
-47.5°	165.4	166.9	165.4	163.9	160.9	157.9	155.0	150.5	144.5	138.6	132.6
-50°	146.0	146.0	144.5	144.5	143.0	140.1	137.1	132.6	128.1	123.7	119.2
-52.5°	131.1	131.1	129.6	129.6	128.1	126.6	123.7	119.2	114.7	110.3	107.3
-55°	119.2	119.2	119.2	119.2	119.2	119.2	114.7	110.3	104.3	101.3	98.3
-57.5°	108.8	110.3	110.3	111.7	113.2	114.7	111.7	105.8	99.8	93.9	92.4
-60°	98.3	99.8	101.3	105.8	108.8	111.7	107.3	101.3	95.4	90.9	87.9
-62.5°	89.4	90.9	90.9	95.4	98.3	101.3	99.8	96.8	93.9	93.9	87.9
-65°	80.5	80.5	80.5	83.4	86.4	87.9	89.4	89.4	90.9	93.9	89.4
-67.5°	71.5	71.5	71.5	73.0	74.5	76.0	77.5	81.9	86.4	90.9	86.4
-70°	62.6	64.1	64.1	64.1	64.1	64.1	65.6	68.5	71.5	73.0	68.5
-72.5°	55.1	56.6	56.6	55.1	55.1	53.6	53.6	53.6	53.6	53.6	50.7
-75°	46.2	47.7	47.7	46.2	46.2	44.7	44.7	43.2	43.2	41.7	40.2
-77.5°	35.8	37.2	38.7	37.2	37.2	35.8	35.8	34.3	34.3	32.8	32.8
-80°	28.3	29.8	29.8	29.8	28.3	28.3	26.8	26.8	26.8	25.3	25.3
-82.5°	20.9	22.3	22.3	22.3	20.9	20.9	20.9	19.4	19.4	19.4	19.4
-85°	16.4	16.4	16.4	16.4	14.9	14.9	14.9	14.9	14.9	14.9	13.4
-87.5°	10.4	11.9	11.9	11.9	10.4	10.4	10.4	10.4	10.4	8.9	8.9
-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.5	1.5	1.5	1.5	1.5	1.5	0.0	0.0	1.5	1.5	1.5
82.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	3.0
80°	1.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
77.5°	1.5	1.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
75°	1.5	1.5	1.5	1.5	3.0	3.0	3.0	3.0	3.0	3.0	4.5
72.5°	1.5	1.5	1.5	1.5	1.5	3.0	3.0	3.0	3.0	3.0	4.5
70°	1.5	1.5	1.5	1.5	1.5	3.0	3.0	3.0	3.0	3.0	3.0
67.5°	1.5	1.5	1.5	1.5	1.5	3.0	3.0	3.0	3.0	4.5	3.0
65°	1.5	1.5	1.5	1.5	3.0	3.0	3.0	3.0	4.5	4.5	4.5
62.5°	3.0	3.0	4.5	3.0	3.0	3.0	3.0	4.5	4.5	4.5	4.5
60°	14.9	11.9	7.4	8.9	8.9	4.5	4.5	4.5	4.5	4.5	4.5
57.5°	35.8	32.8	26.8	22.3	19.4	17.9	11.9	7.4	7.4	6.0	6.0
55°	58.1	50.7	47.7	40.2	32.8	31.3	26.8	19.4	11.9	8.9	7.4
52.5°	84.9	79.0	76.0	65.6	55.1	49.2	47.7	37.2	26.8	17.9	13.4
50°	125.2	120.7	114.7	105.8	89.4	83.4	77.5	65.6	49.2	34.3	23.8
47.5°	201.1	180.3	163.9	153.5	144.5	129.6	116.2	102.8	83.4	61.1	40.2
45°	269.7	254.8	229.4	207.1	198.2	183.3	163.9	144.5	125.2	98.3	65.6
42.5°	342.7	326.3	301.0	278.6	268.2	245.8	217.5	193.7	172.8	141.5	104.3
40°	442.5	421.6	385.9	375.5	360.6	326.3	284.6	250.3	225.0	192.2	147.5
37.5°	600.4	560.2	517.0	493.2	464.9	429.1	362.1	311.4	280.1	242.9	196.7
35°	788.2	740.5	670.5	639.2	590.0	523.0	439.5	372.5	330.8	295.0	230.9
32.5°	996.8	891.0	797.1	759.9	740.5	588.5	499.1	433.6	379.9	327.8	248.8
30°	1108.5	964.0	867.1	837.3	755.4	634.7	536.4	481.2	420.2	335.2	260.7
27.5°	1031.0	962.5	873.1	813.5	737.5	637.7	551.3	500.6	427.6	336.7	266.7
25°	959.5	880.5	834.4	771.8	700.3	613.8	534.9	497.6	430.6	338.2	265.2
22.5°	904.4	832.9	789.7	731.6	660.0	593.0	537.9	491.7	426.1	339.7	256.3
20°	879.1	834.4	761.4	695.8	639.2	598.9	549.8	490.2	423.1	338.2	248.8
17.5°	880.5	837.3	762.8	698.8	651.1	603.4	560.2	497.6	420.2	345.7	271.2
15°	892.5	840.3	786.7	716.7	666.0	609.4	564.7	503.6	435.1	363.5	292.0
12.5°	908.9	849.3	800.1	736.0	680.9	619.8	567.7	515.5	450.0	378.4	308.4
10°	910.3	856.7	803.1	747.9	689.8	627.3	570.6	521.5	463.4	391.8	321.8
7.5°	908.9	861.2	803.1	753.9	695.8	631.7	573.6	521.5	472.3	400.8	330.8
5°	902.9	862.7	800.1	753.9	700.3	631.7	573.6	520.0	476.8	406.7	336.7
2.5°	894.0	861.2	795.6	749.4	701.8	630.2	573.6	518.5	473.8	408.2	338.2
0°	886.5	852.2	791.1	739.0	691.3	624.3	569.2	514.0	464.9	405.3	336.7
-2.5°	870.1	831.4	780.7	728.6	677.9	610.9	557.2	503.6	455.9	399.3	332.3
-5°	859.7	812.0	765.8	715.2	658.5	594.5	540.8	487.2	441.0	387.4	323.3
-7.5°	841.8	794.1	750.9	701.8	642.2	581.1	524.5	472.3	424.6	372.5	311.4
-10°	812.0	768.8	734.5	682.4	621.3	561.7	506.6	455.9	405.3	353.1	296.5
-12.5°	774.8	734.5	701.8	652.6	598.9	539.4	485.7	435.1	384.4	333.7	278.6
-15°	739.0	698.8	664.5	621.3	570.6	508.1	460.4	409.7	360.6	311.4	259.2
-17.5°	706.2	660.0	628.7	588.5	534.9	476.8	427.6	379.9	335.2	287.6	236.9
-20°	658.5	610.9	582.6	545.3	494.7	439.5	388.9	342.7	302.5	260.7	213.1

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CATALOG NUMBER: IFLD-S-SA3A-AMB-U-76-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	593.0	554.3	518.5	482.7	442.5	396.3	347.2	306.9	269.7	232.4	190.7
-25°	523.0	487.2	451.4	420.2	384.4	345.7	303.9	268.2	235.4	204.1	171.3
-27.5°	445.5	412.7	385.9	357.6	326.3	295.0	263.7	230.9	205.6	180.3	152.0
-30°	365.0	345.7	324.8	296.5	275.6	253.3	228.0	201.1	178.8	159.4	137.1
-32.5°	299.5	284.6	269.7	253.3	230.9	214.5	196.7	177.3	159.4	141.5	123.7
-35°	253.3	235.4	229.4	216.0	199.6	184.8	171.3	156.4	141.5	125.2	110.3
-37.5°	216.0	205.6	196.7	186.2	175.8	162.4	150.5	138.6	125.2	111.7	96.8
-40°	187.7	180.3	171.3	163.9	155.0	143.0	131.1	120.7	110.3	98.3	86.4
-42.5°	163.9	156.4	150.5	143.0	137.1	126.6	114.7	105.8	96.8	87.9	79.0
-45°	143.0	138.6	134.1	128.1	120.7	111.7	102.8	93.9	86.4	79.0	71.5
-47.5°	126.6	123.7	119.2	114.7	107.3	99.8	92.4	84.9	77.5	71.5	64.1
-50°	113.2	110.3	105.8	101.3	96.8	90.9	83.4	77.5	70.0	64.1	56.6
-52.5°	102.8	99.8	96.8	92.4	86.4	81.9	76.0	70.0	64.1	56.6	49.2
-55°	95.4	90.9	87.9	83.4	79.0	73.0	68.5	62.6	56.6	50.7	44.7
-57.5°	87.9	83.4	80.5	76.0	71.5	65.6	61.1	55.1	50.7	44.7	40.2
-60°	83.4	79.0	73.0	68.5	64.1	59.6	55.1	50.7	44.7	40.2	35.8
-62.5°	81.9	74.5	67.0	62.6	58.1	53.6	50.7	44.7	40.2	37.2	32.8
-65°	80.5	70.0	61.1	56.6	53.6	49.2	44.7	40.2	37.2	34.3	31.3
-67.5°	76.0	65.6	55.1	50.7	47.7	44.7	40.2	37.2	34.3	31.3	28.3
-70°	59.6	53.6	49.2	46.2	43.2	40.2	35.8	32.8	29.8	26.8	23.8
-72.5°	47.7	44.7	43.2	40.2	37.2	34.3	31.3	28.3	25.3	23.8	20.9
-75°	38.7	37.2	35.8	34.3	31.3	28.3	26.8	23.8	20.9	19.4	17.9
-77.5°	31.3	29.8	28.3	26.8	25.3	23.8	22.3	20.9	19.4	17.9	16.4
-80°	25.3	23.8	23.8	23.8	22.3	20.9	19.4	17.9	16.4	14.9	13.4
-82.5°	19.4	19.4	19.4	19.4	17.9	17.9	16.4	14.9	13.4	11.9	10.4
-85°	14.9	14.9	14.9	14.9	13.4	13.4	11.9	11.9	10.4	8.9	7.4
-87.5°	8.9	8.9	8.9	8.9	7.4	7.4	7.4	6.0	6.0	4.5	4.5
-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°	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	3.0	3.0	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0
80°	3.0	3.0	3.0	3.0	1.5	1.5	1.5	0.0	0.0	0.0	0.0
77.5°	3.0	3.0	3.0	3.0	3.0	3.0	1.5	1.5	0.0	0.0	0.0
75°	3.0	3.0	3.0	3.0	3.0	3.0	1.5	1.5	1.5	0.0	0.0
72.5°	4.5	3.0	3.0	3.0	3.0	3.0	3.0	1.5	1.5	0.0	0.0
70°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	1.5	1.5	0.0	0.0
67.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	1.5	1.5	0.0
65°	4.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	1.5	1.5	0.0
62.5°	4.5	4.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	1.5	0.0
60°	4.5	4.5	4.5	3.0	3.0	3.0	3.0	3.0	3.0	1.5	0.0
57.5°	6.0	4.5	4.5	4.5	3.0	3.0	3.0	3.0	3.0	1.5	0.0
55°	6.0	6.0	6.0	4.5	4.5	3.0	3.0	3.0	3.0	1.5	1.5
52.5°	8.9	6.0	6.0	6.0	6.0	4.5	3.0	3.0	3.0	3.0	1.5
50°	16.4	8.9	7.4	6.0	6.0	6.0	3.0	3.0	3.0	3.0	1.5
47.5°	26.8	17.9	7.4	6.0	6.0	7.4	4.5	3.0	3.0	3.0	1.5
45°	43.2	26.8	13.4	7.4	6.0	7.4	6.0	3.0	3.0	3.0	1.5
42.5°	59.6	38.7	23.8	8.9	6.0	6.0	6.0	3.0	3.0	3.0	1.5
40°	93.9	50.7	32.8	16.4	7.4	6.0	7.4	4.5	3.0	3.0	1.5
37.5°	125.2	65.6	41.7	25.3	8.9	6.0	7.4	4.5	3.0	3.0	1.5
35°	153.5	92.4	50.7	34.3	11.9	8.9	7.4	4.5	3.0	3.0	1.5
32.5°	175.8	114.7	58.1	41.7	20.9	10.4	7.4	6.0	3.0	3.0	1.5
30°	190.7	134.1	76.0	47.7	28.3	13.4	7.4	6.0	3.0	3.0	1.5
27.5°	199.6	144.5	92.4	55.1	34.3	16.4	8.9	6.0	3.0	3.0	3.0
25°	202.6	149.0	108.8	62.6	40.2	20.9	11.9	6.0	4.5	3.0	3.0
22.5°	201.1	157.9	122.2	73.0	46.2	25.3	13.4	7.4	4.5	3.0	3.0
20°	213.1	168.4	128.1	84.9	53.6	29.8	16.4	7.4	4.5	3.0	3.0
17.5°	225.0	177.3	135.6	93.9	59.6	34.3	19.4	8.9	4.5	3.0	3.0
15°	235.4	186.2	141.5	101.3	65.6	37.2	22.3	8.9	4.5	3.0	3.0
12.5°	247.3	195.2	146.0	105.8	73.0	38.7	23.8	10.4	4.5	3.0	3.0
10°	257.8	202.6	149.0	108.8	77.5	41.7	23.8	11.9	4.5	3.0	3.0
7.5°	268.2	208.6	153.5	111.7	80.5	46.2	25.3	11.9	6.0	3.0	3.0
5°	275.6	214.5	159.4	114.7	83.4	49.2	25.3	13.4	6.0	3.0	3.0
2.5°	281.6	217.5	163.9	116.2	83.4	52.1	25.3	14.9	6.0	3.0	3.0
0°	284.6	219.0	166.9	116.2	83.4	53.6	25.3	14.9	6.0	3.0	3.0
-2.5°	280.1	220.5	166.9	116.2	81.9	52.1	25.3	14.9	6.0	3.0	3.0
-5°	272.7	219.0	163.9	113.2	79.0	52.1	26.8	14.9	7.4	3.0	3.0
-7.5°	263.7	217.5	160.9	111.7	76.0	49.2	26.8	14.9	7.4	3.0	3.0
-10°	248.8	204.1	153.5	107.3	71.5	46.2	25.3	13.4	7.4	3.0	3.0
-12.5°	232.4	189.2	143.0	101.3	68.5	44.7	25.3	13.4	7.4	3.0	3.0
-15°	213.1	174.3	132.6	95.4	65.6	41.7	25.3	13.4	7.4	4.5	3.0
-17.5°	193.7	157.9	122.2	89.4	61.1	40.2	23.8	13.4	7.4	4.5	3.0
-20°	172.8	143.0	111.7	81.9	56.6	37.2	22.3	13.4	7.4	4.5	3.0

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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°	155.0	129.6	99.8	76.0	52.1	34.3	20.9	13.4	7.4	4.5	3.0
-25°	141.5	116.2	92.4	68.5	47.7	31.3	20.9	11.9	7.4	4.5	3.0
-27.5°	129.6	105.8	83.4	62.6	43.2	29.8	19.4	11.9	7.4	4.5	3.0
-30°	116.2	95.4	76.0	56.6	40.2	28.3	17.9	11.9	7.4	4.5	3.0
-32.5°	104.3	86.4	70.0	50.7	35.8	25.3	17.9	11.9	7.4	4.5	3.0
-35°	93.9	79.0	62.6	46.2	32.8	23.8	16.4	10.4	7.4	4.5	3.0
-37.5°	83.4	71.5	56.6	41.7	31.3	22.3	14.9	10.4	7.4	4.5	3.0
-40°	76.0	64.1	49.2	38.7	28.3	20.9	14.9	10.4	7.4	4.5	3.0
-42.5°	68.5	56.6	44.7	35.8	26.8	19.4	13.4	10.4	6.0	4.5	3.0
-45°	61.1	50.7	41.7	32.8	25.3	17.9	13.4	10.4	6.0	4.5	3.0
-47.5°	53.6	46.2	37.2	29.8	23.8	16.4	13.4	8.9	6.0	4.5	3.0
-50°	49.2	41.7	34.3	28.3	22.3	16.4	11.9	8.9	6.0	4.5	3.0
-52.5°	43.2	37.2	31.3	25.3	20.9	16.4	11.9	7.4	6.0	4.5	3.0
-55°	38.7	34.3	29.8	23.8	19.4	14.9	10.4	7.4	6.0	4.5	3.0
-57.5°	35.8	31.3	26.8	22.3	17.9	13.4	10.4	7.4	6.0	4.5	3.0
-60°	32.8	28.3	25.3	20.9	16.4	11.9	8.9	7.4	6.0	4.5	3.0
-62.5°	29.8	26.8	22.3	19.4	14.9	10.4	8.9	7.4	6.0	4.5	3.0
-65°	26.8	23.8	20.9	16.4	13.4	10.4	8.9	7.4	6.0	4.5	3.0
-67.5°	23.8	20.9	17.9	14.9	11.9	10.4	8.9	7.4	6.0	4.5	3.0
-70°	20.9	17.9	14.9	13.4	11.9	10.4	8.9	7.4	6.0	4.5	1.5
-72.5°	17.9	16.4	14.9	13.4	11.9	8.9	7.4	6.0	4.5	3.0	1.5
-75°	16.4	14.9	13.4	11.9	10.4	8.9	7.4	6.0	4.5	3.0	1.5
-77.5°	13.4	11.9	11.9	10.4	8.9	7.4	6.0	4.5	3.0	3.0	1.5
-80°	11.9	10.4	8.9	8.9	7.4	6.0	6.0	4.5	3.0	1.5	1.5
-82.5°	8.9	8.9	7.4	7.4	6.0	6.0	4.5	3.0	3.0	1.5	1.5
-85°	6.0	6.0	6.0	6.0	4.5	4.5	3.0	1.5	1.5	1.5	0.0
-87.5°	3.0	3.0	3.0	3.0	3.0	1.5	1.5	1.5	1.5	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°	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0
52.5°	0.0	0.0	0.0	0.0
50°	0.0	0.0	0.0	0.0
47.5°	0.0	0.0	0.0	0.0
45°	0.0	0.0	0.0	0.0
42.5°	0.0	0.0	0.0	0.0
40°	0.0	0.0	0.0	0.0
37.5°	0.0	0.0	0.0	0.0
35°	1.5	0.0	0.0	0.0
32.5°	1.5	0.0	0.0	0.0
30°	1.5	0.0	0.0	0.0
27.5°	1.5	0.0	0.0	0.0
25°	1.5	0.0	0.0	0.0
22.5°	1.5	1.5	0.0	0.0
20°	1.5	1.5	0.0	0.0
17.5°	1.5	1.5	0.0	0.0
15°	1.5	1.5	0.0	0.0
12.5°	1.5	1.5	0.0	0.0
10°	1.5	1.5	0.0	0.0
7.5°	1.5	1.5	0.0	0.0
5°	1.5	1.5	0.0	0.0
2.5°	1.5	1.5	0.0	0.0
0°	1.5	1.5	0.0	0.0
-2.5°	1.5	1.5	0.0	0.0
-5°	1.5	1.5	0.0	0.0
-7.5°	1.5	1.5	0.0	0.0
-10°	1.5	1.5	0.0	0.0
-12.5°	1.5	1.5	0.0	0.0
-15°	1.5	1.5	0.0	0.0
-17.5°	1.5	1.5	0.0	0.0
-20°	1.5	1.5	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	1.5	1.5	0.0	0.0
-25°	1.5	1.5	0.0	0.0
-27.5°	1.5	1.5	0.0	0.0
-30°	1.5	1.5	0.0	0.0
-32.5°	1.5	1.5	0.0	0.0
-35°	1.5	1.5	0.0	0.0
-37.5°	1.5	1.5	0.0	0.0
-40°	1.5	1.5	0.0	0.0
-42.5°	1.5	0.0	0.0	0.0
-45°	1.5	0.0	0.0	0.0
-47.5°	1.5	0.0	0.0	0.0
-50°	1.5	0.0	0.0	0.0
-52.5°	1.5	0.0	0.0	0.0
-55°	1.5	0.0	0.0	0.0
-57.5°	1.5	0.0	0.0	0.0
-60°	1.5	0.0	0.0	0.0
-62.5°	1.5	0.0	0.0	0.0
-65°	1.5	0.0	0.0	0.0
-67.5°	1.5	0.0	0.0	0.0
-70°	0.0	0.0	0.0	0.0
-72.5°	0.0	0.0	0.0	0.0
-75°	0.0	0.0	0.0	0.0
-77.5°	0.0	0.0	0.0	0.0
-80°	0.0	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)