

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: STREETWORKS

Report Number: P560184

Luminaire Tested: **SDL-PA1-30-730-U-T2R-HSS**

Issue Date: 7/26/2021

Test Information

Test Method: LM-79-08
Report Number: P560184
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2106-279-18)
Test Lab: INNOVATION CENTER
Issue Date: 7/26/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: SDL-PA1-30-730-U-T2R-HSS
Description: Springdale
(1) 70 CRI, 3000K, 375mA LIGHT ENGINE WITH 24 LEDS AND TYPE II R OPTICS
WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2819.6 lumens
Efficiency: N/A
Efficacy: 93.7 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 1.21' x L: 1.21' x H: 0.96')
IES Classification: Type II - Medium
BUG Rating: B0 - U0 - G1

Input Watts (W): 30.1
Input Voltage (V): NR
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: 24 FT

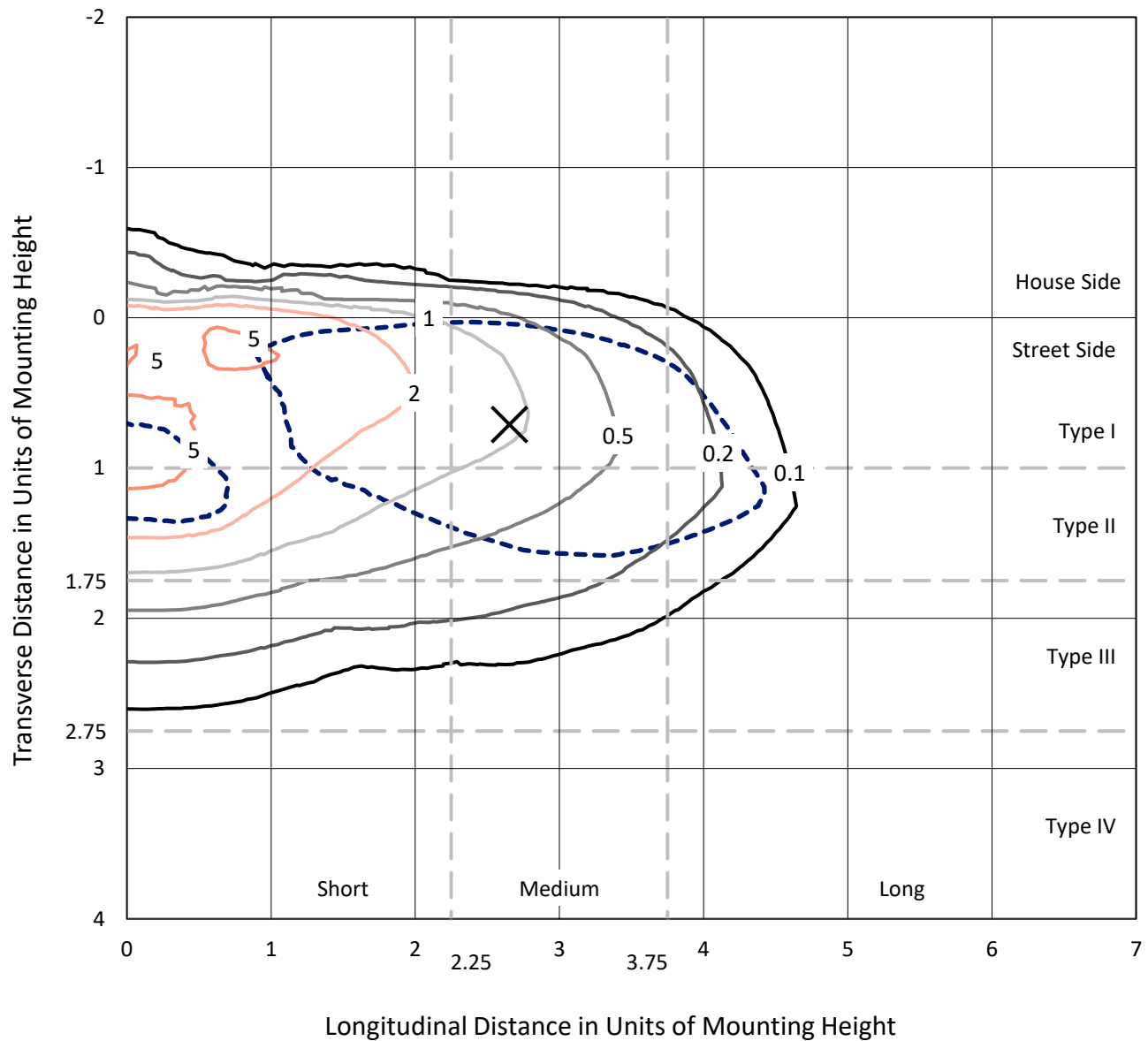


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

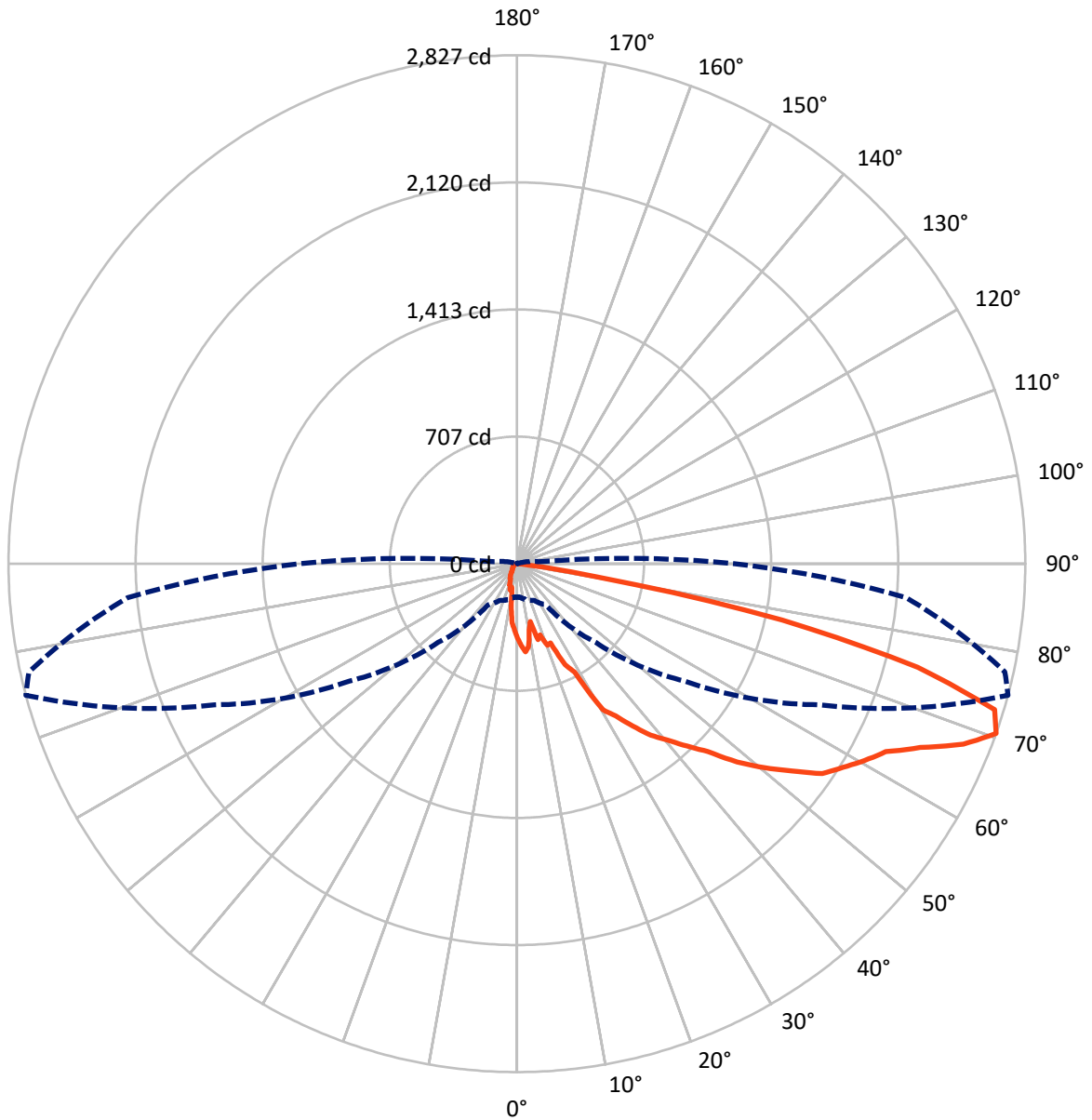


Based on 10 foot mounting height. Maximum calculated value = 7.7 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

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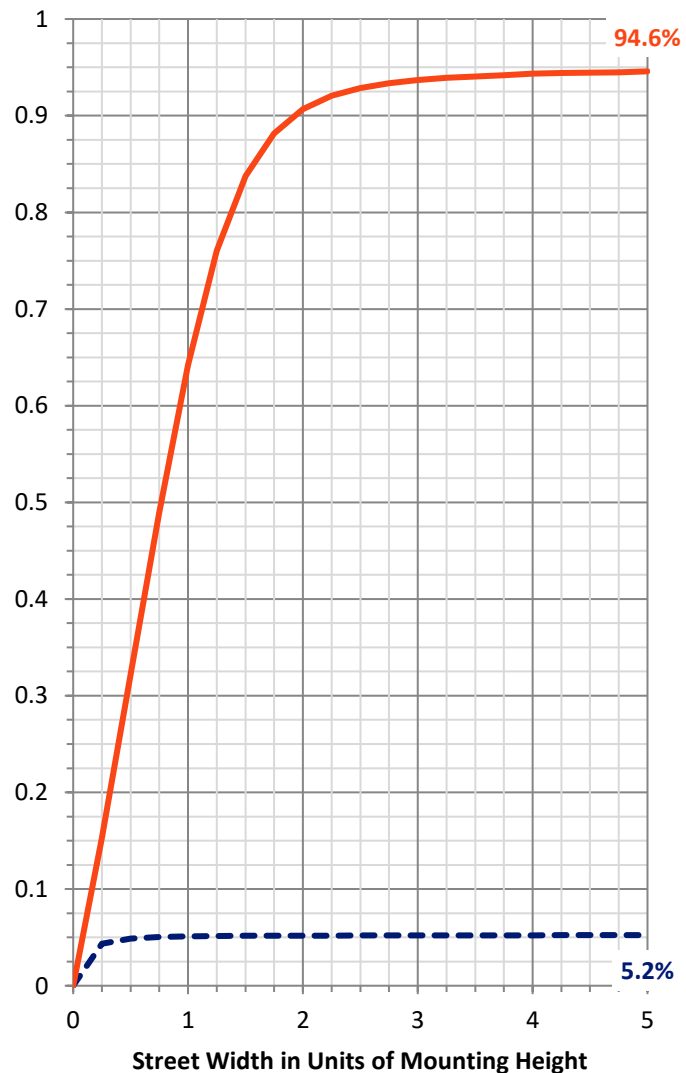
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	149.0	0.0	149.0
	% Fixture	5.3	0.0	5.3
Street Side	Lumens	2670.6	0.0	2670.6
	% Fixture	94.7	0.0	94.7
Total	Lumens	2819.6	0.0	2819.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.7	1.2
10°-20°	81.4	2.9
20°-30°	154.7	5.5
30°-40°	343.7	12.2
40°-50°	554.1	19.7
50°-60°	667.8	23.7
60°-70°	605.2	21.5
70°-80°	360.7	12.8
80°-90°	19.4	0.7
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	2819.6	100.0
0°-180°	2819.6	100.0



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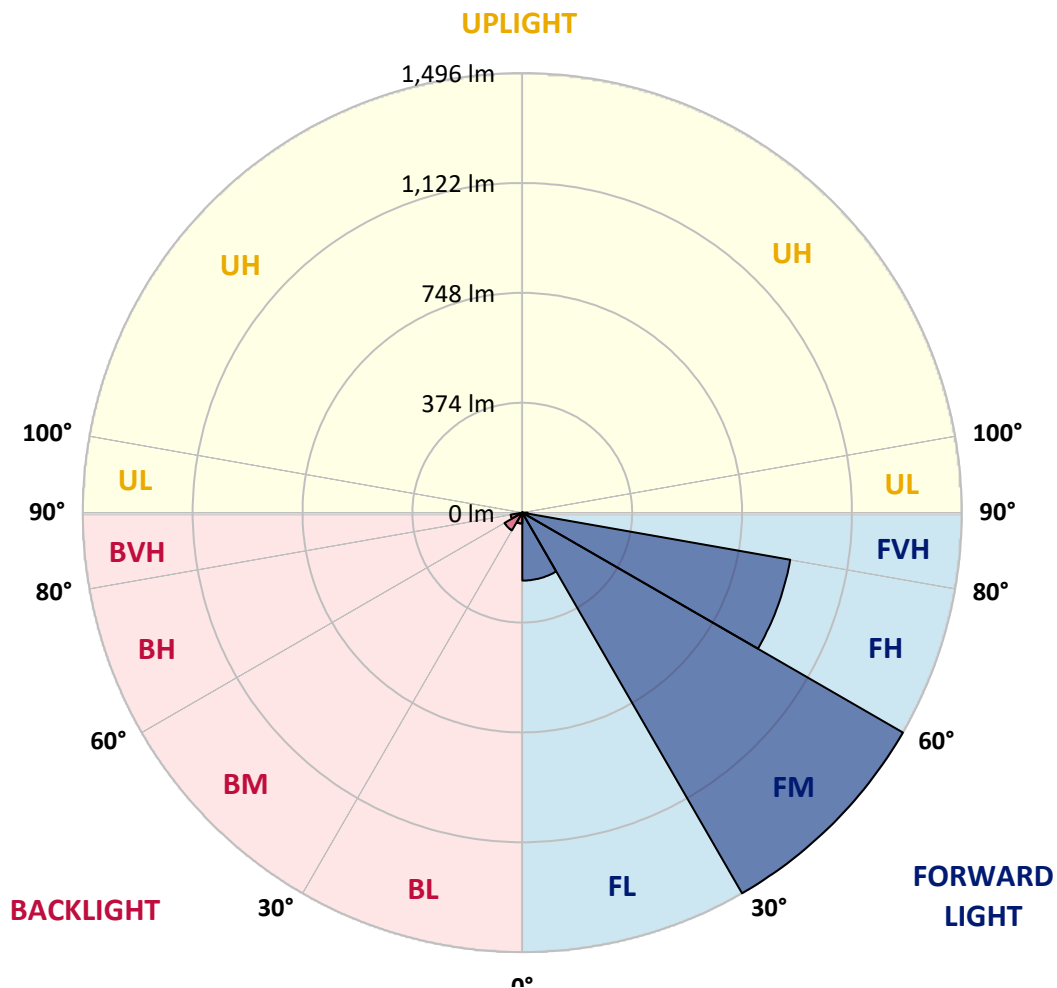
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	231.3	8.2			
FM	(30°-60°)	1495.8	53.1			
FH	(60°-80°)	925.8	32.8			G1/1800
FVH	(80°-90°)	17.8	0.6			G1/100
BL	(0°-30°)	37.4	1.3	B0/110		
BM	(30°-60°)	69.7	2.5	B0/220		
BH	(60°-80°)	40.1	1.4	B0/110		G0/110
BVH	(80°-90°)	1.7	0.1			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G1

Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7
2.5°	459.1	469.2	479.3	483.1	488.1	491.9	495.7	499.5	503.3	505.8	509.6
5°	522.2	520.9	519.7	518.4	518.4	517.2	515.9	514.6	513.4	510.8	509.6
7.5°	457.9	490.7	522.2	523.5	524.7	524.7	526.0	533.6	541.1	547.4	555.0
10°	595.4	595.4	595.4	595.4	595.4	594.1	594.1	595.4	595.4	596.6	596.6
12.5°	500.8	508.3	514.6	537.3	558.8	581.5	602.9	608.0	613.0	616.8	621.8
15°	605.4	608.0	610.5	611.8	613.0	613.0	614.3	595.4	576.4	557.5	538.6
17.5°	479.3	481.8	483.1	499.5	515.9	532.3	548.7	557.5	567.6	576.4	585.3
20°	614.3	615.5	616.8	618.1	619.3	619.3	620.6	580.2	539.9	499.5	459.1
22.5°	513.4	514.6	514.6	518.4	520.9	524.7	527.2	542.4	557.5	572.7	587.8
25°	705.1	705.1	703.8	697.5	692.5	686.2	679.9	642.0	604.2	565.1	527.2
27.5°	655.9	657.2	657.2	652.1	647.1	642.0	637.0	644.5	653.4	660.9	668.5
30°	946.0	946.0	946.0	939.7	932.1	925.8	918.3	862.8	807.3	750.5	695.0
32.5°	1271.4	1248.7	1224.8	1179.4	1134.0	1087.3	1041.9	1007.8	973.8	938.4	904.4
35°	1416.5	1412.7	1408.9	1392.5	1376.1	1358.5	1342.1	1276.5	1210.9	1144.0	1078.5
37.5°	1538.8	1533.8	1527.5	1514.9	1502.3	1489.7	1477.0	1410.2	1342.1	1275.2	1207.1
40°	1637.2	1633.4	1629.7	1619.6	1609.5	1599.4	1589.3	1517.4	1445.5	1373.6	1301.7
42.5°	1707.9	1707.9	1706.6	1699.0	1690.2	1682.6	1673.8	1601.9	1530.0	1458.1	1386.2
45°	1760.8	1760.8	1760.8	1755.8	1749.5	1744.4	1738.1	1675.1	1613.3	1550.2	1487.1
47.5°	1768.4	1769.7	1770.9	1770.9	1770.9	1770.9	1770.9	1711.7	1653.6	1594.3	1535.1
50°	1699.0	1702.8	1706.6	1712.9	1720.5	1726.8	1733.1	1704.1	1673.8	1644.8	1614.5
52.5°	1513.6	1530.0	1545.2	1561.6	1577.9	1593.1	1609.5	1598.1	1586.8	1575.4	1564.1
55°	1151.6	1161.7	1170.5	1217.2	1263.9	1310.5	1357.2	1377.4	1396.3	1416.5	1435.4
57.5°	894.3	898.1	900.6	930.9	961.1	990.2	1020.4	1070.9	1121.3	1170.5	1221.0
60°	719.0	719.0	719.0	736.6	753.0	770.7	787.1	832.5	877.9	923.3	968.7
62.5°	534.8	539.9	544.9	562.6	579.0	596.6	613.0	635.7	658.4	681.1	703.8
65°	370.8	377.1	382.2	393.5	406.2	417.5	428.9	447.8	468.0	486.9	505.8
67.5°	261.1	263.6	266.1	272.5	277.5	283.8	288.8	301.5	312.8	325.4	336.8
70°	185.4	186.7	186.7	191.7	196.8	201.8	206.9	211.9	217.0	220.7	225.8
72.5°	135.0	136.2	137.5	141.3	143.8	147.6	150.1	152.6	155.1	157.7	160.2
75°	69.4	71.9	73.2	83.2	93.3	103.4	113.5	114.8	116.0	116.0	117.3
77.5°	58.0	59.3	59.3	60.5	61.8	63.1	64.3	70.6	78.2	84.5	90.8
80°	41.6	41.6	40.4	42.9	45.4	47.9	50.5	53.0	55.5	56.8	59.3
82.5°	24.0	25.2	25.2	26.5	27.7	29.0	30.3	32.8	36.6	39.1	41.6
85°	2.5	3.8	5.0	7.6	10.1	12.6	15.1	18.9	21.4	25.2	27.7
87.5°	1.3	1.3	1.3	1.3	2.5	2.5	2.5	3.8	3.8	5.0	5.0
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°
0°	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7
2.5°	512.1	514.6	515.9	518.4	517.2	514.6	513.4	510.8	507.1	503.3	498.2
5°	507.1	504.5	502.0	499.5	495.7	493.2	489.4	485.6	480.6	476.8	471.7
7.5°	555.0	553.7	553.7	552.5	548.7	546.2	542.4	538.6	532.3	526.0	519.7
10°	568.9	541.1	512.1	484.4	490.7	497.0	503.3	509.6	490.7	471.7	451.6
12.5°	609.2	596.6	584.0	571.4	551.2	529.8	509.6	488.1	478.1	466.7	456.6
15°	524.7	512.1	498.2	484.4	493.2	502.0	510.8	519.7	490.7	460.4	431.4
17.5°	573.9	561.3	549.9	537.3	502.0	466.7	430.1	394.8	425.1	454.1	484.4
20°	469.2	479.3	488.1	498.2	510.8	523.5	534.8	547.4	532.3	517.2	502.0
22.5°	567.6	548.7	528.5	508.3	517.2	526.0	533.6	542.4	524.7	507.1	488.1
25°	547.4	568.9	589.1	609.2	577.7	547.4	515.9	484.4	512.1	539.9	567.6
27.5°	639.5	610.5	580.2	551.2	577.7	604.2	629.4	655.9	631.9	606.7	582.7
30°	691.2	687.4	682.4	678.6	664.7	652.1	638.2	624.4	631.9	639.5	647.1
32.5°	861.5	819.9	777.0	734.1	744.2	754.3	763.1	773.2	761.9	750.5	737.9
35°	1023.0	967.5	910.7	855.2	853.9	851.4	850.2	847.6	842.6	837.5	832.5
37.5°	1144.0	1081.0	1017.9	954.8	956.1	956.1	957.4	957.4	939.7	922.0	904.4
40°	1243.7	1185.7	1127.6	1069.6	1064.6	1059.5	1054.5	1049.4	1025.5	1000.3	976.3
42.5°	1328.2	1271.4	1213.4	1155.4	1146.6	1139.0	1130.2	1121.3	1101.2	1079.7	1059.5
45°	1420.3	1353.4	1286.6	1219.7	1212.2	1204.6	1197.0	1189.5	1173.1	1156.7	1140.3
47.5°	1468.2	1401.4	1333.2	1266.4	1261.4	1255.0	1250.0	1243.7	1234.9	1224.8	1215.9
50°	1536.3	1459.4	1381.2	1303.0	1300.5	1297.9	1294.1	1291.6	1289.1	1287.8	1285.3
52.5°	1504.8	1444.2	1385.0	1324.4	1325.7	1325.7	1326.9	1326.9	1333.2	1339.6	1345.9
55°	1403.9	1373.6	1342.1	1310.5	1316.8	1324.4	1330.7	1337.0	1353.4	1368.6	1385.0
57.5°	1226.0	1231.1	1236.1	1241.2	1263.9	1285.3	1308.0	1329.5	1353.4	1376.1	1400.1
60°	996.5	1024.2	1050.7	1078.5	1131.4	1184.4	1237.4	1290.4	1326.9	1362.3	1398.8
62.5°	742.9	782.0	821.1	860.2	942.2	1025.5	1107.5	1189.5	1245.0	1299.2	1354.7
65°	542.4	579.0	614.3	650.9	749.2	847.6	946.0	1044.4	1123.9	1202.1	1281.5
67.5°	363.3	389.8	415.0	441.5	541.1	640.8	740.4	840.1	949.8	1059.5	1168.0
70°	239.7	252.3	266.1	278.8	364.5	449.0	534.8	619.3	749.2	877.9	1007.8
72.5°	164.0	167.8	171.5	175.3	233.3	291.4	349.4	407.4	538.6	669.8	799.7
75°	117.3	116.0	116.0	114.8	148.8	182.9	215.7	249.7	351.9	452.8	555.0
77.5°	89.6	87.0	85.8	83.2	99.6	116.0	132.4	148.8	196.8	246.0	293.9
80°	56.8	54.2	50.5	47.9	54.2	60.5	66.9	73.2	80.7	88.3	95.9
82.5°	41.6	41.6	41.6	41.6	41.6	42.9	42.9	42.9	40.4	37.8	34.1
85°	26.5	25.2	24.0	22.7	20.2	17.7	15.1	12.6	13.9	15.1	15.1
87.5°	5.0	3.8	3.8	2.5	2.5	2.5	2.5	2.5	3.8	3.8	5.0
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°
0°	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7
2.5°	494.4	489.4	484.4	479.3	474.3	469.2	464.2	459.1	454.1	446.5	440.2
5°	466.7	480.6	495.7	509.6	523.5	515.9	508.3	500.8	493.2	480.6	468.0
7.5°	513.4	497.0	481.8	466.7	450.3	454.1	457.9	461.7	465.4	454.1	438.9
10°	432.6	423.8	415.0	406.2	397.3	392.3	386.0	380.9	374.6	406.2	393.5
12.5°	445.3	441.5	437.7	432.6	428.9	403.6	379.7	354.4	329.2	319.1	322.9
15°	401.1	397.3	393.5	389.8	386.0	398.6	412.5	425.1	437.7	435.2	432.6
17.5°	513.4	497.0	481.8	465.4	449.0	441.5	432.6	425.1	416.2	402.4	398.6
20°	486.9	469.2	451.6	433.9	416.2	433.9	450.3	468.0	484.4	513.4	504.5
22.5°	470.5	499.5	529.8	558.8	587.8	560.0	533.6	505.8	478.1	486.9	444.0
25°	595.4	573.9	553.7	532.3	510.8	538.6	566.3	594.1	621.8	609.2	589.1
27.5°	557.5	579.0	599.1	620.6	640.8	650.9	662.2	672.3	682.4	657.2	662.2
30°	654.6	681.1	706.4	732.8	758.1	804.7	850.2	896.8	942.2	932.1	891.8
32.5°	726.5	770.7	814.8	857.7	901.9	928.4	956.1	982.6	1009.1	1011.6	961.1
35°	827.4	857.7	888.0	918.3	948.5	988.9	1028.0	1068.4	1107.5	1084.8	1028.0
37.5°	886.7	918.3	951.1	982.6	1014.1	1063.3	1112.5	1160.4	1209.6	1160.4	1098.6
40°	951.1	985.1	1020.4	1054.5	1088.5	1139.0	1188.2	1238.6	1287.8	1285.3	1200.8
42.5°	1038.1	1072.1	1107.5	1141.5	1175.6	1228.6	1281.5	1333.2	1386.2	1385.0	1289.1
45°	1123.9	1155.4	1185.7	1217.2	1247.5	1308.0	1368.6	1429.1	1489.7	1496.0	1387.5
47.5°	1205.9	1233.6	1261.4	1289.1	1316.8	1400.1	1482.1	1565.3	1647.3	1608.2	1490.9
50°	1282.8	1310.5	1338.3	1366.0	1393.8	1490.9	1589.3	1686.4	1783.5	1731.8	1605.7
52.5°	1352.2	1386.2	1421.5	1455.6	1489.7	1595.6	1701.6	1807.5	1913.5	1860.5	1730.6
55°	1400.1	1448.0	1494.7	1542.6	1589.3	1706.6	1825.2	1942.5	2059.8	1999.2	1849.1
57.5°	1422.8	1479.6	1537.6	1594.3	1651.1	1772.2	1894.5	2015.6	2136.7	2076.2	1922.3
60°	1434.2	1499.7	1565.3	1629.7	1695.3	1826.4	1958.9	2090.1	2221.2	2169.5	2013.1
62.5°	1408.9	1492.2	1576.7	1659.9	1743.2	1883.2	2023.2	2162.0	2302.0	2267.9	2119.1
65°	1359.7	1469.5	1580.5	1690.2	1799.9	1966.4	2132.9	2298.2	2464.7	2428.1	2279.3
67.5°	1277.7	1421.5	1565.3	1709.1	1852.9	2059.8	2265.4	2472.2	2677.8	2641.3	2471.0
70°	1136.5	1316.8	1497.2	1676.3	1856.7	2098.9	2342.3	2584.5	2826.7	2778.8	2576.9
72.5°	930.9	1134.0	1337.0	1538.8	1741.9	2000.5	2260.3	2518.9	2777.5	2686.7	2457.1
75°	655.9	841.3	1026.7	1210.9	1396.3	1623.4	1850.4	2076.2	2303.2	2187.2	1962.7
77.5°	341.8	456.6	570.1	684.9	798.4	976.3	1152.9	1330.7	1507.3	1299.2	1130.2
80°	103.4	151.4	198.0	246.0	292.6	334.3	375.9	416.2	457.9	340.6	282.5
82.5°	31.5	41.6	50.5	60.5	69.4	69.4	69.4	68.1	68.1	54.2	45.4
85°	16.4	17.7	17.7	18.9	18.9	18.9	17.7	17.7	16.4	16.4	13.9
87.5°	5.0	5.0	6.3	6.3	6.3	6.3	6.3	5.0	5.0	5.0	5.0
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°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7
2.5°	435.2	428.9	422.6	415.0	407.4	399.8	392.3	384.7	377.1	369.6	363.3
5°	456.6	444.0	431.4	417.5	402.4	387.2	373.4	359.5	344.3	330.5	317.9
7.5°	423.8	408.7	389.8	370.8	351.9	333.0	312.8	293.9	273.7	253.5	237.1
10°	379.7	367.1	346.9	325.4	302.7	278.8	252.3	225.8	199.3	172.8	161.5
12.5°	325.4	329.2	307.8	286.3	262.4	238.4	213.2	187.9	161.5	136.2	128.7
15°	430.1	427.6	399.8	372.1	335.5	298.9	262.4	224.5	187.9	150.1	131.2
17.5°	393.5	389.8	359.5	329.2	296.4	263.6	229.6	194.2	160.2	124.9	107.2
20°	497.0	488.1	450.3	411.2	363.3	314.1	266.1	218.2	170.3	122.4	102.2
22.5°	401.1	358.2	328.0	297.7	259.8	220.7	189.2	156.4	124.9	92.1	79.5
25°	567.6	547.4	495.7	442.7	375.9	309.0	254.8	200.6	146.3	92.1	76.9
27.5°	667.3	672.3	601.7	531.0	446.5	362.0	291.4	220.7	150.1	79.5	68.1
30°	851.4	811.0	727.8	643.3	524.7	404.9	321.6	238.4	155.1	71.9	61.8
32.5°	912.0	861.5	766.9	671.0	532.3	392.3	309.0	225.8	141.3	58.0	51.7
35°	972.5	915.7	807.3	698.8	539.9	379.7	296.4	214.4	131.2	47.9	44.1
37.5°	1036.8	975.0	853.9	731.6	547.4	363.3	283.8	203.1	123.6	42.9	39.1
40°	1117.6	1033.0	899.3	764.4	555.0	345.6	268.7	193.0	116.0	39.1	35.3
42.5°	1194.5	1098.6	949.8	799.7	563.8	328.0	254.8	182.9	109.7	36.6	32.8
45°	1280.3	1171.8	1010.3	847.6	576.4	305.2	237.1	169.0	100.9	32.8	29.0
47.5°	1373.6	1256.3	1075.9	895.6	589.1	282.5	219.5	157.7	94.6	31.5	27.7
50°	1479.6	1353.4	1155.4	956.1	614.3	271.2	210.6	150.1	89.6	29.0	25.2
52.5°	1601.9	1472.0	1250.0	1026.7	644.5	261.1	203.1	143.8	85.8	26.5	22.7
55°	1700.3	1550.2	1304.2	1057.0	650.9	243.4	189.2	133.7	79.5	24.0	21.4
57.5°	1769.7	1615.8	1356.0	1096.1	662.2	227.0	175.3	124.9	73.2	21.4	18.9
60°	1855.4	1699.0	1420.3	1140.3	676.1	211.9	164.0	116.0	66.9	18.9	16.4
62.5°	1970.2	1821.4	1512.4	1202.1	698.8	194.2	150.1	106.0	60.5	16.4	15.1
65°	2129.2	1980.3	1620.8	1261.4	720.2	177.9	137.5	97.1	55.5	15.1	13.9
67.5°	2299.4	2129.2	1706.6	1282.8	720.2	157.7	122.4	85.8	50.5	13.9	12.6
70°	2375.1	2173.3	1692.7	1210.9	668.5	126.1	98.4	69.4	41.6	12.6	11.4
72.5°	2228.8	1999.2	1504.8	1010.3	544.9	79.5	61.8	45.4	27.7	10.1	8.8
75°	1736.9	1512.4	1122.6	731.6	386.0	39.1	31.5	24.0	15.1	7.6	6.3
77.5°	962.4	793.4	576.4	359.5	191.7	22.7	18.9	15.1	10.1	6.3	6.3
80°	225.8	167.8	122.4	75.7	45.4	13.9	11.4	10.1	7.6	5.0	5.0
82.5°	36.6	27.7	20.2	12.6	10.1	7.6	6.3	6.3	5.0	3.8	3.8
85°	11.4	8.8	7.6	5.0	5.0	3.8	3.8	3.8	2.5	2.5	2.5
87.5°	3.8	3.8	3.8	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
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):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7
2.5°	355.7	349.4	341.8	336.8	331.7	325.4	320.4	315.3	310.3	305.2	300.2
5°	305.2	291.4	278.8	262.4	244.7	228.3	210.6	203.1	196.8	189.2	181.6
7.5°	220.7	204.3	187.9	181.6	175.3	167.8	161.5	155.1	148.8	142.5	136.2
10°	151.4	140.0	128.7	123.6	118.6	112.3	107.2	102.2	97.1	90.8	85.8
12.5°	121.1	112.3	104.7	95.9	87.0	78.2	69.4	66.9	64.3	60.5	58.0
15°	111.0	92.1	71.9	65.6	60.5	54.2	47.9	46.7	46.7	45.4	44.1
17.5°	89.6	71.9	54.2	51.7	47.9	45.4	41.6	39.1	36.6	34.1	31.5
20°	82.0	61.8	41.6	40.4	39.1	36.6	35.3	34.1	34.1	32.8	31.5
22.5°	68.1	55.5	42.9	39.1	35.3	31.5	27.7	27.7	29.0	29.0	29.0
25°	61.8	46.7	31.5	31.5	30.3	30.3	29.0	27.7	25.2	24.0	21.4
27.5°	56.8	45.4	34.1	31.5	29.0	26.5	24.0	24.0	22.7	22.7	21.4
30°	53.0	42.9	32.8	30.3	29.0	26.5	24.0	22.7	21.4	18.9	17.7
32.5°	46.7	40.4	34.1	31.5	27.7	25.2	21.4	20.2	18.9	16.4	15.1
35°	40.4	35.3	31.5	29.0	25.2	22.7	18.9	17.7	16.4	15.1	13.9
37.5°	35.3	31.5	27.7	25.2	22.7	18.9	16.4	15.1	13.9	12.6	11.4
40°	31.5	27.7	24.0	21.4	18.9	16.4	13.9	12.6	12.6	11.4	10.1
42.5°	29.0	25.2	21.4	18.9	17.7	15.1	12.6	11.4	10.1	8.8	7.6
45°	26.5	22.7	18.9	17.7	15.1	13.9	11.4	10.1	8.8	7.6	6.3
47.5°	24.0	20.2	16.4	15.1	13.9	11.4	10.1	8.8	7.6	6.3	5.0
50°	22.7	18.9	15.1	13.9	12.6	10.1	8.8	7.6	7.6	6.3	5.0
52.5°	20.2	16.4	12.6	11.4	10.1	8.8	7.6	6.3	6.3	5.0	3.8
55°	17.7	15.1	11.4	10.1	8.8	7.6	6.3	5.0	5.0	3.8	2.5
57.5°	16.4	12.6	10.1	8.8	7.6	6.3	5.0	5.0	3.8	3.8	2.5
60°	13.9	11.4	8.8	7.6	6.3	5.0	3.8	3.8	2.5	2.5	1.3
62.5°	12.6	11.4	8.8	7.6	6.3	5.0	3.8	3.8	2.5	2.5	1.3
65°	11.4	10.1	7.6	6.3	6.3	5.0	3.8	3.8	2.5	2.5	1.3
67.5°	11.4	8.8	7.6	6.3	5.0	3.8	2.5	2.5	2.5	1.3	1.3
70°	8.8	7.6	5.0	5.0	3.8	3.8	2.5	2.5	2.5	1.3	1.3
72.5°	7.6	6.3	5.0	5.0	3.8	3.8	2.5	2.5	2.5	1.3	1.3
75°	6.3	5.0	3.8	3.8	3.8	2.5	2.5	2.5	2.5	1.3	1.3
77.5°	5.0	5.0	3.8	3.8	3.8	2.5	2.5	2.5	2.5	1.3	1.3
80°	3.8	3.8	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.3	1.3
82.5°	3.8	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.3	1.3
85°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.3	1.3
87.5°	2.5	2.5	2.5	2.5	3.8	3.8	3.8	3.8	2.5	2.5	1.3
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):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7
2.5°	295.2	288.8	283.8	277.5	268.7	258.6	249.7	239.7	238.4	237.1	234.6
5°	177.9	174.1	170.3	166.5	164.0	161.5	158.9	156.4	153.9	152.6	150.1
7.5°	131.2	126.1	121.1	116.0	112.3	109.7	106.0	102.2	99.6	95.9	93.3
10°	80.7	74.4	69.4	63.1	65.6	68.1	69.4	71.9	71.9	70.6	70.6
12.5°	58.0	58.0	58.0	58.0	58.0	58.0	56.8	56.8	56.8	55.5	55.5
15°	42.9	41.6	40.4	39.1	39.1	39.1	37.8	37.8	40.4	41.6	44.1
17.5°	32.8	34.1	34.1	35.3	36.6	37.8	37.8	39.1	39.1	40.4	40.4
20°	31.5	31.5	30.3	30.3	29.0	29.0	27.7	26.5	27.7	30.3	31.5
22.5°	27.7	25.2	24.0	21.4	22.7	25.2	26.5	27.7	27.7	27.7	27.7
25°	22.7	22.7	24.0	24.0	22.7	21.4	20.2	18.9	20.2	21.4	21.4
27.5°	20.2	18.9	17.7	16.4	17.7	17.7	18.9	18.9	18.9	18.9	17.7
30°	17.7	17.7	16.4	16.4	16.4	15.1	15.1	13.9	15.1	15.1	16.4
32.5°	15.1	13.9	13.9	12.6	12.6	13.9	13.9	13.9	13.9	13.9	13.9
35°	13.9	12.6	12.6	11.4	11.4	11.4	11.4	11.4	12.6	12.6	13.9
37.5°	11.4	10.1	10.1	8.8	8.8	10.1	10.1	10.1	10.1	11.4	11.4
40°	10.1	8.8	8.8	7.6	7.6	8.8	8.8	8.8	8.8	10.1	10.1
42.5°	7.6	7.6	6.3	6.3	6.3	7.6	7.6	7.6	7.6	8.8	8.8
45°	6.3	6.3	5.0	5.0	5.0	6.3	6.3	6.3	6.3	6.3	6.3
47.5°	5.0	5.0	3.8	3.8	3.8	5.0	5.0	5.0	5.0	5.0	5.0
50°	5.0	3.8	3.8	2.5	2.5	3.8	3.8	3.8	3.8	3.8	3.8
52.5°	3.8	3.8	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
55°	2.5	2.5	1.3	1.3	1.3	2.5	2.5	2.5	2.5	2.5	1.3
57.5°	2.5	2.5	1.3	1.3	1.3	2.5	2.5	2.5	2.5	2.5	1.3
60°	1.3	1.3	1.3	1.3	1.3	2.5	2.5	2.5	2.5	2.5	1.3
62.5°	1.3	1.3	1.3	1.3	1.3	2.5	2.5	2.5	2.5	2.5	2.5
65°	1.3	1.3	1.3	1.3	2.5	2.5	3.8	3.8	3.8	3.8	2.5
67.5°	1.3	1.3	1.3	1.3	2.5	2.5	3.8	3.8	3.8	2.5	2.5
70°	1.3	2.5	2.5	2.5	2.5	3.8	3.8	3.8	3.8	3.8	2.5
72.5°	1.3	2.5	2.5	2.5	2.5	3.8	3.8	3.8	3.8	3.8	2.5
75°	2.5	2.5	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	2.5
77.5°	2.5	2.5	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	2.5
80°	2.5	2.5	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	2.5
82.5°	2.5	2.5	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	2.5
85°	2.5	3.8	3.8	5.0	5.0	5.0	3.8	3.8	3.8	3.8	2.5
87.5°	2.5	3.8	3.8	5.0	5.0	5.0	3.8	3.8	3.8	3.8	2.5
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):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7
2.5°	233.3	230.8	228.3	224.5	222.0	224.5	227.0	224.5	222.0	224.5	228.3
5°	147.6	146.3	146.3	145.1	143.8	143.8	142.5	143.8	143.8	145.1	146.3
7.5°	89.6	88.3	87.0	84.5	83.2	85.8	87.0	85.8	83.2	84.5	87.0
10°	69.4	69.4	68.1	68.1	66.9	66.9	66.9	66.9	66.9	68.1	68.1
12.5°	54.2	53.0	51.7	50.5	49.2	51.7	53.0	51.7	49.2	50.5	51.7
15°	45.4	45.4	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
17.5°	40.4	39.1	39.1	37.8	36.6	36.6	35.3	36.6	36.6	37.8	39.1
20°	32.8	32.8	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
22.5°	27.7	26.5	26.5	25.2	24.0	24.0	22.7	24.0	24.0	25.2	26.5
25°	22.7	22.7	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
27.5°	17.7	17.7	17.7	16.4	16.4	16.4	16.4	16.4	16.4	16.4	17.7
30°	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
32.5°	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
35°	13.9	13.9	13.9	12.6	12.6	12.6	12.6	12.6	12.6	12.6	13.9
37.5°	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
40°	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
42.5°	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
45°	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
47.5°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
50°	3.8	3.8	3.8	2.5	2.5	2.5	2.5	2.5	2.5	2.5	3.8
52.5°	2.5	2.5	2.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3	2.5
55°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
57.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
60°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
62.5°	2.5	2.5	2.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3	2.5
65°	2.5	2.5	1.3	1.3	0.0	0.0	0.0	0.0	0.0	1.3	1.3
67.5°	1.3	1.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
70°	2.5	2.5	1.3	1.3	0.0	0.0	0.0	0.0	0.0	1.3	1.3
72.5°	2.5	2.5	1.3	1.3	0.0	0.0	0.0	0.0	0.0	1.3	1.3
75°	2.5	2.5	1.3	1.3	0.0	0.0	0.0	0.0	0.0	1.3	1.3
77.5°	2.5	2.5	2.5	1.3	1.3	1.3	0.0	1.3	1.3	1.3	2.5
80°	2.5	2.5	2.5	1.3	1.3	1.3	0.0	1.3	1.3	1.3	2.5
82.5°	2.5	2.5	2.5	1.3	1.3	1.3	0.0	1.3	1.3	1.3	2.5
85°	2.5	2.5	2.5	1.3	1.3	1.3	0.0	1.3	1.3	1.3	2.5
87.5°	2.5	2.5	2.5	1.3	1.3	1.3	0.0	1.3	1.3	1.3	2.5
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):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7
2.5°	230.8	233.3	234.6	237.1	238.4	239.7	249.7	258.6	268.7	277.5	283.8
5°	146.3	147.6	150.1	152.6	153.9	156.4	158.9	161.5	164.0	166.5	170.3
7.5°	88.3	89.6	93.3	95.9	99.6	102.2	106.0	109.7	112.3	116.0	121.1
10°	69.4	69.4	70.6	70.6	71.9	71.9	69.4	68.1	65.6	63.1	69.4
12.5°	53.0	54.2	55.5	55.5	56.8	56.8	56.8	58.0	58.0	58.0	58.0
15°	45.4	45.4	44.1	41.6	40.4	37.8	37.8	39.1	39.1	39.1	40.4
17.5°	39.1	40.4	40.4	40.4	39.1	39.1	37.8	37.8	36.6	35.3	34.1
20°	32.8	32.8	31.5	30.3	27.7	26.5	27.7	29.0	29.0	30.3	30.3
22.5°	26.5	27.7	27.7	27.7	27.7	27.7	26.5	25.2	22.7	21.4	24.0
25°	22.7	22.7	21.4	21.4	20.2	18.9	20.2	21.4	22.7	24.0	24.0
27.5°	17.7	17.7	17.7	18.9	18.9	18.9	18.9	17.7	17.7	16.4	17.7
30°	16.4	16.4	16.4	15.1	15.1	13.9	15.1	15.1	16.4	16.4	16.4
32.5°	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	12.6	12.6	13.9
35°	13.9	13.9	13.9	12.6	12.6	11.4	11.4	11.4	11.4	11.4	12.6
37.5°	11.4	11.4	11.4	11.4	10.1	10.1	10.1	10.1	8.8	8.8	10.1
40°	10.1	10.1	10.1	10.1	8.8	8.8	8.8	8.8	7.6	7.6	8.8
42.5°	8.8	8.8	8.8	8.8	7.6	7.6	7.6	7.6	6.3	6.3	6.3
45°	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	5.0	5.0	5.0
47.5°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	3.8	3.8	3.8
50°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	2.5	2.5	3.8
52.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
55°	1.3	1.3	1.3	2.5	2.5	2.5	2.5	2.5	1.3	1.3	1.3
57.5°	1.3	1.3	1.3	2.5	2.5	2.5	2.5	2.5	1.3	1.3	1.3
60°	1.3	1.3	1.3	2.5	2.5	2.5	2.5	2.5	1.3	1.3	1.3
62.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.3	1.3	1.3
65°	2.5	2.5	2.5	3.8	3.8	3.8	3.8	2.5	2.5	1.3	1.3
67.5°	1.3	1.3	2.5	2.5	3.8	3.8	3.8	2.5	2.5	1.3	1.3
70°	2.5	2.5	2.5	3.8	3.8	3.8	3.8	3.8	2.5	2.5	2.5
72.5°	2.5	2.5	2.5	3.8	3.8	3.8	3.8	3.8	2.5	2.5	2.5
75°	2.5	2.5	2.5	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
77.5°	2.5	2.5	2.5	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
80°	2.5	2.5	2.5	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
82.5°	2.5	2.5	2.5	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
85°	2.5	2.5	2.5	3.8	3.8	3.8	3.8	5.0	5.0	5.0	3.8
87.5°	2.5	2.5	2.5	3.8	3.8	3.8	3.8	5.0	5.0	5.0	3.8
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):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7
2.5°	288.8	295.2	300.2	305.2	310.3	315.3	320.4	325.4	331.7	336.8	341.8
5°	174.1	177.9	181.6	189.2	196.8	203.1	210.6	228.3	244.7	262.4	278.8
7.5°	126.1	131.2	136.2	142.5	148.8	155.1	161.5	167.8	175.3	181.6	187.9
10°	74.4	80.7	85.8	90.8	97.1	102.2	107.2	112.3	118.6	123.6	128.7
12.5°	58.0	58.0	58.0	60.5	64.3	66.9	69.4	78.2	87.0	95.9	104.7
15°	41.6	42.9	44.1	45.4	46.7	46.7	47.9	54.2	60.5	65.6	71.9
17.5°	34.1	32.8	31.5	34.1	36.6	39.1	41.6	45.4	47.9	51.7	54.2
20°	31.5	31.5	31.5	32.8	34.1	34.1	35.3	36.6	39.1	40.4	41.6
22.5°	25.2	27.7	29.0	29.0	29.0	27.7	27.7	31.5	35.3	39.1	42.9
25°	22.7	22.7	21.4	24.0	25.2	27.7	29.0	30.3	30.3	31.5	31.5
27.5°	18.9	20.2	21.4	22.7	22.7	24.0	24.0	26.5	29.0	31.5	34.1
30°	17.7	17.7	17.7	18.9	21.4	22.7	24.0	26.5	29.0	30.3	32.8
32.5°	13.9	15.1	15.1	16.4	18.9	20.2	21.4	25.2	27.7	31.5	34.1
35°	12.6	13.9	13.9	15.1	16.4	17.7	18.9	22.7	25.2	29.0	31.5
37.5°	10.1	11.4	11.4	12.6	13.9	15.1	16.4	18.9	22.7	25.2	27.7
40°	8.8	10.1	10.1	11.4	12.6	12.6	13.9	16.4	18.9	21.4	24.0
42.5°	7.6	7.6	7.6	8.8	10.1	11.4	12.6	15.1	17.7	18.9	21.4
45°	6.3	6.3	6.3	7.6	8.8	10.1	11.4	13.9	15.1	17.7	18.9
47.5°	5.0	5.0	5.0	6.3	7.6	8.8	10.1	11.4	13.9	15.1	16.4
50°	3.8	5.0	5.0	6.3	7.6	7.6	8.8	10.1	12.6	13.9	15.1
52.5°	3.8	3.8	3.8	5.0	6.3	6.3	7.6	8.8	10.1	11.4	12.6
55°	2.5	2.5	2.5	3.8	5.0	5.0	6.3	7.6	8.8	10.1	11.4
57.5°	2.5	2.5	2.5	3.8	3.8	5.0	5.0	6.3	7.6	8.8	10.1
60°	1.3	1.3	1.3	2.5	2.5	3.8	3.8	5.0	6.3	7.6	8.8
62.5°	1.3	1.3	1.3	2.5	2.5	3.8	3.8	5.0	6.3	7.6	8.8
65°	1.3	1.3	1.3	2.5	2.5	3.8	3.8	5.0	6.3	6.3	7.6
67.5°	1.3	1.3	1.3	1.3	2.5	2.5	2.5	3.8	5.0	6.3	7.6
70°	2.5	1.3	1.3	1.3	2.5	2.5	2.5	3.8	3.8	5.0	5.0
72.5°	2.5	1.3	1.3	1.3	2.5	2.5	2.5	3.8	3.8	5.0	5.0
75°	2.5	2.5	1.3	1.3	2.5	2.5	2.5	2.5	3.8	3.8	3.8
77.5°	2.5	2.5	1.3	1.3	2.5	2.5	2.5	2.5	3.8	3.8	3.8
80°	2.5	2.5	1.3	1.3	2.5	2.5	2.5	2.5	2.5	2.5	2.5
82.5°	2.5	2.5	1.3	1.3	2.5	2.5	2.5	2.5	2.5	2.5	2.5
85°	3.8	2.5	1.3	1.3	2.5	2.5	2.5	2.5	2.5	2.5	2.5
87.5°	3.8	2.5	1.3	2.5	2.5	3.8	3.8	3.8	3.8	2.5	2.5
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):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7
2.5°	349.4	355.7	363.3	369.6	377.1	384.7	392.3	399.8	407.4	415.0	422.6
5°	291.4	305.2	317.9	330.5	344.3	359.5	373.4	387.2	402.4	417.5	431.4
7.5°	204.3	220.7	237.1	253.5	273.7	293.9	312.8	333.0	351.9	370.8	389.8
10°	140.0	151.4	161.5	172.8	199.3	225.8	252.3	278.8	302.7	325.4	346.9
12.5°	112.3	121.1	128.7	136.2	161.5	187.9	213.2	238.4	262.4	286.3	307.8
15°	92.1	111.0	131.2	150.1	187.9	224.5	262.4	298.9	335.5	372.1	399.8
17.5°	71.9	89.6	107.2	124.9	160.2	194.2	229.6	263.6	296.4	329.2	359.5
20°	61.8	82.0	102.2	122.4	170.3	218.2	266.1	314.1	363.3	411.2	450.3
22.5°	55.5	68.1	79.5	92.1	124.9	156.4	189.2	220.7	259.8	297.7	328.0
25°	46.7	61.8	76.9	92.1	146.3	200.6	254.8	309.0	375.9	442.7	495.7
27.5°	45.4	56.8	68.1	79.5	150.1	220.7	291.4	362.0	446.5	531.0	601.7
30°	42.9	53.0	61.8	71.9	155.1	238.4	321.6	404.9	524.7	643.3	727.8
32.5°	40.4	46.7	51.7	58.0	141.3	225.8	309.0	392.3	532.3	671.0	766.9
35°	35.3	40.4	44.1	47.9	131.2	214.4	296.4	379.7	539.9	698.8	807.3
37.5°	31.5	35.3	39.1	42.9	123.6	203.1	283.8	363.3	547.4	731.6	853.9
40°	27.7	31.5	35.3	39.1	116.0	193.0	268.7	345.6	555.0	764.4	899.3
42.5°	25.2	29.0	32.8	36.6	109.7	182.9	254.8	328.0	563.8	799.7	949.8
45°	22.7	26.5	29.0	32.8	100.9	169.0	237.1	305.2	576.4	847.6	1010.3
47.5°	20.2	24.0	27.7	31.5	94.6	157.7	219.5	282.5	589.1	895.6	1075.9
50°	18.9	22.7	25.2	29.0	89.6	150.1	210.6	271.2	614.3	956.1	1155.4
52.5°	16.4	20.2	22.7	26.5	85.8	143.8	203.1	261.1	644.5	1026.7	1250.0
55°	15.1	17.7	21.4	24.0	79.5	133.7	189.2	243.4	650.9	1057.0	1304.2
57.5°	12.6	16.4	18.9	21.4	73.2	124.9	175.3	227.0	662.2	1096.1	1356.0
60°	11.4	13.9	16.4	18.9	66.9	116.0	164.0	211.9	676.1	1140.3	1420.3
62.5°	11.4	12.6	15.1	16.4	60.5	106.0	150.1	194.2	698.8	1202.1	1512.4
65°	10.1	11.4	13.9	15.1	55.5	97.1	137.5	177.9	720.2	1261.4	1620.8
67.5°	8.8	11.4	12.6	13.9	50.5	85.8	122.4	157.7	720.2	1282.8	1706.6
70°	7.6	8.8	11.4	12.6	41.6	69.4	98.4	126.1	668.5	1210.9	1692.7
72.5°	6.3	7.6	8.8	10.1	27.7	45.4	61.8	79.5	544.9	1010.3	1504.8
75°	5.0	6.3	6.3	7.6	15.1	24.0	31.5	39.1	386.0	731.6	1122.6
77.5°	5.0	5.0	6.3	6.3	10.1	15.1	18.9	22.7	191.7	359.5	576.4
80°	3.8	3.8	5.0	5.0	7.6	10.1	11.4	13.9	45.4	75.7	122.4
82.5°	2.5	3.8	3.8	3.8	5.0	6.3	6.3	7.6	10.1	12.6	20.2
85°	2.5	2.5	2.5	2.5	2.5	3.8	3.8	3.8	5.0	5.0	7.6
87.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	3.8
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):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7
2.5°	428.9	435.2	440.2	446.5	454.1	459.1	464.2	469.2	474.3	479.3	484.4
5°	444.0	456.6	468.0	480.6	493.2	500.8	508.3	515.9	523.5	509.6	495.7
7.5°	408.7	423.8	438.9	454.1	465.4	461.7	457.9	454.1	450.3	466.7	481.8
10°	367.1	379.7	393.5	406.2	374.6	380.9	386.0	392.3	397.3	406.2	415.0
12.5°	329.2	325.4	322.9	319.1	329.2	354.4	379.7	403.6	428.9	432.6	437.7
15°	427.6	430.1	432.6	435.2	437.7	425.1	412.5	398.6	386.0	389.8	393.5
17.5°	389.8	393.5	398.6	402.4	416.2	425.1	432.6	441.5	449.0	465.4	481.8
20°	488.1	497.0	504.5	513.4	484.4	468.0	450.3	433.9	416.2	433.9	451.6
22.5°	358.2	401.1	444.0	486.9	478.1	505.8	533.6	560.0	587.8	558.8	529.8
25°	547.4	567.6	589.1	609.2	621.8	594.1	566.3	538.6	510.8	532.3	553.7
27.5°	672.3	667.3	662.2	657.2	682.4	672.3	662.2	650.9	640.8	620.6	599.1
30°	811.0	851.4	891.8	932.1	942.2	896.8	850.2	804.7	758.1	732.8	706.4
32.5°	861.5	912.0	961.1	1011.6	1009.1	982.6	956.1	928.4	901.9	857.7	814.8
35°	915.7	972.5	1028.0	1084.8	1107.5	1068.4	1028.0	988.9	948.5	918.3	888.0
37.5°	975.0	1036.8	1098.6	1160.4	1209.6	1160.4	1112.5	1063.3	1014.1	982.6	951.1
40°	1033.0	1117.6	1200.8	1285.3	1287.8	1238.6	1188.2	1139.0	1088.5	1054.5	1020.4
42.5°	1098.6	1194.5	1289.1	1385.0	1386.2	1333.2	1281.5	1228.6	1175.6	1141.5	1107.5
45°	1171.8	1280.3	1387.5	1496.0	1489.7	1429.1	1368.6	1308.0	1247.5	1217.2	1185.7
47.5°	1256.3	1373.6	1490.9	1608.2	1647.3	1565.3	1482.1	1400.1	1316.8	1289.1	1261.4
50°	1353.4	1479.6	1605.7	1731.8	1783.5	1686.4	1589.3	1490.9	1393.8	1366.0	1338.3
52.5°	1472.0	1601.9	1730.6	1860.5	1913.5	1807.5	1701.6	1595.6	1489.7	1455.6	1421.5
55°	1550.2	1700.3	1849.1	1999.2	2059.8	1942.5	1825.2	1706.6	1589.3	1542.6	1494.7
57.5°	1615.8	1769.7	1922.3	2076.2	2136.7	2015.6	1894.5	1772.2	1651.1	1594.3	1537.6
60°	1699.0	1855.4	2013.1	2169.5	2221.2	2090.1	1958.9	1826.4	1695.3	1629.7	1565.3
62.5°	1821.4	1970.2	2119.1	2267.9	2302.0	2162.0	2023.2	1883.2	1743.2	1659.9	1576.7
65°	1980.3	2129.2	2279.3	2428.1	2464.7	2298.2	2132.9	1966.4	1799.9	1690.2	1580.5
67.5°	2129.2	2299.4	2471.0	2641.3	2677.8	2472.2	2265.4	2059.8	1852.9	1709.1	1565.3
70°	2173.3	2375.1	2576.9	2778.8	2826.7	2584.5	2342.3	2098.9	1856.7	1676.3	1497.2
72.5°	1999.2	2228.8	2457.1	2686.7	2777.5	2518.9	2260.3	2000.5	1741.9	1538.8	1337.0
75°	1512.4	1736.9	1962.7	2187.2	2303.2	2076.2	1850.4	1623.4	1396.3	1210.9	1026.7
77.5°	793.4	962.4	1130.2	1299.2	1507.3	1330.7	1152.9	976.3	798.4	684.9	570.1
80°	167.8	225.8	282.5	340.6	457.9	416.2	375.9	334.3	292.6	246.0	198.0
82.5°	27.7	36.6	45.4	54.2	68.1	68.1	69.4	69.4	69.4	60.5	50.5
85°	8.8	11.4	13.9	16.4	16.4	17.7	17.7	18.9	18.9	18.9	17.7
87.5°	3.8	3.8	5.0	5.0	5.0	5.0	6.3	6.3	6.3	6.3	6.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P560184

CATALOG NUMBER: SDL-PA1-30-730-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7
2.5°	489.4	494.4	498.2	503.3	507.1	510.8	513.4	514.6	517.2	518.4	515.9
5°	480.6	466.7	471.7	476.8	480.6	485.6	489.4	493.2	495.7	499.5	502.0
7.5°	498.2	513.4	519.7	526.0	532.3	538.6	542.4	546.2	548.7	552.5	553.7
10°	423.8	432.6	451.6	471.7	490.7	509.6	503.3	497.0	490.7	484.4	512.1
12.5°	441.5	445.3	456.6	466.7	478.1	488.1	509.6	529.8	551.2	571.4	584.0
15°	397.3	401.1	431.4	460.4	490.7	519.7	510.8	502.0	493.2	484.4	498.2
17.5°	497.0	513.4	484.4	454.1	425.1	394.8	430.1	466.7	502.0	537.3	549.9
20°	469.2	486.9	502.0	517.2	532.3	547.4	534.8	523.5	510.8	498.2	488.1
22.5°	499.5	470.5	488.1	507.1	524.7	542.4	533.6	526.0	517.2	508.3	528.5
25°	573.9	595.4	567.6	539.9	512.1	484.4	515.9	547.4	577.7	609.2	589.1
27.5°	579.0	557.5	582.7	606.7	631.9	655.9	629.4	604.2	577.7	551.2	580.2
30°	681.1	654.6	647.1	639.5	631.9	624.4	638.2	652.1	664.7	678.6	682.4
32.5°	770.7	726.5	737.9	750.5	761.9	773.2	763.1	754.3	744.2	734.1	777.0
35°	857.7	827.4	832.5	837.5	842.6	847.6	850.2	851.4	853.9	855.2	910.7
37.5°	918.3	886.7	904.4	922.0	939.7	957.4	957.4	956.1	956.1	954.8	1017.9
40°	985.1	951.1	976.3	1000.3	1025.5	1049.4	1054.5	1059.5	1064.6	1069.6	1127.6
42.5°	1072.1	1038.1	1059.5	1079.7	1101.2	1121.3	1130.2	1139.0	1146.6	1155.4	1213.4
45°	1155.4	1123.9	1140.3	1156.7	1173.1	1189.5	1197.0	1204.6	1212.2	1219.7	1286.6
47.5°	1233.6	1205.9	1215.9	1224.8	1234.9	1243.7	1250.0	1255.0	1261.4	1266.4	1333.2
50°	1310.5	1282.8	1285.3	1287.8	1289.1	1291.6	1294.1	1297.9	1300.5	1303.0	1381.2
52.5°	1386.2	1352.2	1345.9	1339.6	1333.2	1326.9	1326.9	1325.7	1325.7	1324.4	1385.0
55°	1448.0	1400.1	1385.0	1368.6	1353.4	1337.0	1330.7	1324.4	1316.8	1310.5	1342.1
57.5°	1479.6	1422.8	1400.1	1376.1	1353.4	1329.5	1308.0	1285.3	1263.9	1241.2	1236.1
60°	1499.7	1434.2	1398.8	1362.3	1326.9	1290.4	1237.4	1184.4	1131.4	1078.5	1050.7
62.5°	1492.2	1408.9	1354.7	1299.2	1245.0	1189.5	1107.5	1025.5	942.2	860.2	821.1
65°	1469.5	1359.7	1281.5	1202.1	1123.9	1044.4	946.0	847.6	749.2	650.9	614.3
67.5°	1421.5	1277.7	1168.0	1059.5	949.8	840.1	740.4	640.8	541.1	441.5	415.0
70°	1316.8	1136.5	1007.8	877.9	749.2	619.3	534.8	449.0	364.5	278.8	266.1
72.5°	1134.0	930.9	799.7	669.8	538.6	407.4	349.4	291.4	233.3	175.3	171.5
75°	841.3	655.9	555.0	452.8	351.9	249.7	215.7	182.9	148.8	114.8	116.0
77.5°	456.6	341.8	293.9	246.0	196.8	148.8	132.4	116.0	99.6	83.2	85.8
80°	151.4	103.4	95.9	88.3	80.7	73.2	66.9	60.5	54.2	47.9	50.5
82.5°	41.6	31.5	34.1	37.8	40.4	42.9	42.9	42.9	41.6	41.6	41.6
85°	17.7	16.4	15.1	15.1	13.9	12.6	15.1	17.7	20.2	22.7	24.0
87.5°	5.0	5.0	5.0	3.8	3.8	2.5	2.5	2.5	2.5	2.5	3.8
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):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7	413.7
2.5°	514.6	512.1	509.6	505.8	503.3	499.5	495.7	491.9	488.1	483.1	479.3
5°	504.5	507.1	509.6	510.8	513.4	514.6	515.9	517.2	518.4	518.4	519.7
7.5°	553.7	555.0	555.0	547.4	541.1	533.6	526.0	524.7	524.7	523.5	522.2
10°	541.1	568.9	596.6	596.6	595.4	595.4	594.1	594.1	595.4	595.4	595.4
12.5°	596.6	609.2	621.8	616.8	613.0	608.0	602.9	581.5	558.8	537.3	514.6
15°	512.1	524.7	538.6	557.5	576.4	595.4	614.3	613.0	613.0	611.8	610.5
17.5°	561.3	573.9	585.3	576.4	567.6	557.5	548.7	532.3	515.9	499.5	483.1
20°	479.3	469.2	459.1	499.5	539.9	580.2	620.6	619.3	619.3	618.1	616.8
22.5°	548.7	567.6	587.8	572.7	557.5	542.4	527.2	524.7	520.9	518.4	514.6
25°	568.9	547.4	527.2	565.1	604.2	642.0	679.9	686.2	692.5	697.5	703.8
27.5°	610.5	639.5	668.5	660.9	653.4	644.5	637.0	642.0	647.1	652.1	657.2
30°	687.4	691.2	695.0	750.5	807.3	862.8	918.3	925.8	932.1	939.7	946.0
32.5°	819.9	861.5	904.4	938.4	973.8	1007.8	1041.9	1087.3	1134.0	1179.4	1224.8
35°	967.5	1023.0	1078.5	1144.0	1210.9	1276.5	1342.1	1358.5	1376.1	1392.5	1408.9
37.5°	1081.0	1144.0	1207.1	1275.2	1342.1	1410.2	1477.0	1489.7	1502.3	1514.9	1527.5
40°	1185.7	1243.7	1301.7	1373.6	1445.5	1517.4	1589.3	1599.4	1609.5	1619.6	1629.7
42.5°	1271.4	1328.2	1386.2	1458.1	1530.0	1601.9	1673.8	1682.6	1690.2	1699.0	1706.6
45°	1353.4	1420.3	1487.1	1550.2	1613.3	1675.1	1738.1	1744.4	1749.5	1755.8	1760.8
47.5°	1401.4	1468.2	1535.1	1594.3	1653.6	1711.7	1770.9	1770.9	1770.9	1770.9	1770.9
50°	1459.4	1536.3	1614.5	1644.8	1673.8	1704.1	1733.1	1726.8	1720.5	1712.9	1706.6
52.5°	1444.2	1504.8	1564.1	1575.4	1586.8	1598.1	1609.5	1593.1	1577.9	1561.6	1545.2
55°	1373.6	1403.9	1435.4	1416.5	1396.3	1377.4	1357.2	1310.5	1263.9	1217.2	1170.5
57.5°	1231.1	1226.0	1221.0	1170.5	1121.3	1070.9	1020.4	990.2	961.1	930.9	900.6
60°	1024.2	996.5	968.7	923.3	877.9	832.5	787.1	770.7	753.0	736.6	719.0
62.5°	782.0	742.9	703.8	681.1	658.4	635.7	613.0	596.6	579.0	562.6	544.9
65°	579.0	542.4	505.8	486.9	468.0	447.8	428.9	417.5	406.2	393.5	382.2
67.5°	389.8	363.3	336.8	325.4	312.8	301.5	288.8	283.8	277.5	272.5	266.1
70°	252.3	239.7	225.8	220.7	217.0	211.9	206.9	201.8	196.8	191.7	186.7
72.5°	167.8	164.0	160.2	157.7	155.1	152.6	150.1	147.6	143.8	141.3	137.5
75°	116.0	117.3	117.3	116.0	116.0	114.8	113.5	103.4	93.3	83.2	73.2
77.5°	87.0	89.6	90.8	84.5	78.2	70.6	64.3	63.1	61.8	60.5	59.3
80°	54.2	56.8	59.3	56.8	55.5	53.0	50.5	47.9	45.4	42.9	40.4
82.5°	41.6	41.6	41.6	39.1	36.6	32.8	30.3	29.0	27.7	26.5	25.2
85°	25.2	26.5	27.7	25.2	21.4	18.9	15.1	12.6	10.1	7.6	5.0
87.5°	3.8	5.0	5.0	5.0	3.8	3.8	2.5	2.5	2.5	1.3	1.3
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):

	357.5°	360°
0°	413.7	413.7
2.5°	469.2	459.1
5°	520.9	522.2
7.5°	490.7	457.9
10°	595.4	595.4
12.5°	508.3	500.8
15°	608.0	605.4
17.5°	481.8	479.3
20°	615.5	614.3
22.5°	514.6	513.4
25°	705.1	705.1
27.5°	657.2	655.9
30°	946.0	946.0
32.5°	1248.7	1271.4
35°	1412.7	1416.5
37.5°	1533.8	1538.8
40°	1633.4	1637.2
42.5°	1707.9	1707.9
45°	1760.8	1760.8
47.5°	1769.7	1768.4
50°	1702.8	1699.0
52.5°	1530.0	1513.6
55°	1161.7	1151.6
57.5°	898.1	894.3
60°	719.0	719.0
62.5°	539.9	534.8
65°	377.1	370.8
67.5°	263.6	261.1
70°	186.7	185.4
72.5°	136.2	135.0
75°	71.9	69.4
77.5°	59.3	58.0
80°	41.6	41.6
82.5°	25.2	24.0
85°	3.8	2.5
87.5°	1.3	1.3
90°	0.0	0.0



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