

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: P560969

Luminaire Tested: **SDL-PA1-70-827-U-5WQ**

Issue Date: 7/26/2021

Test Information

Test Method: LM-79-08
Report Number: P560969
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2106-279-21)
Test Lab: INNOVATION CENTER
Issue Date: 7/26/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: SDL-PA1-70-827-U-5WQ
Description: Springdale
(1) 80 CRI, 2700K, 930mA LIGHT ENGINE WITH 24 LEDS AND TYPE V WIDE OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6455.1 lumens
Efficiency: N/A
Efficacy: 89.4 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 1.21' x L: 1.21' x H: 0.96')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

Input Watts (W): 72.2
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



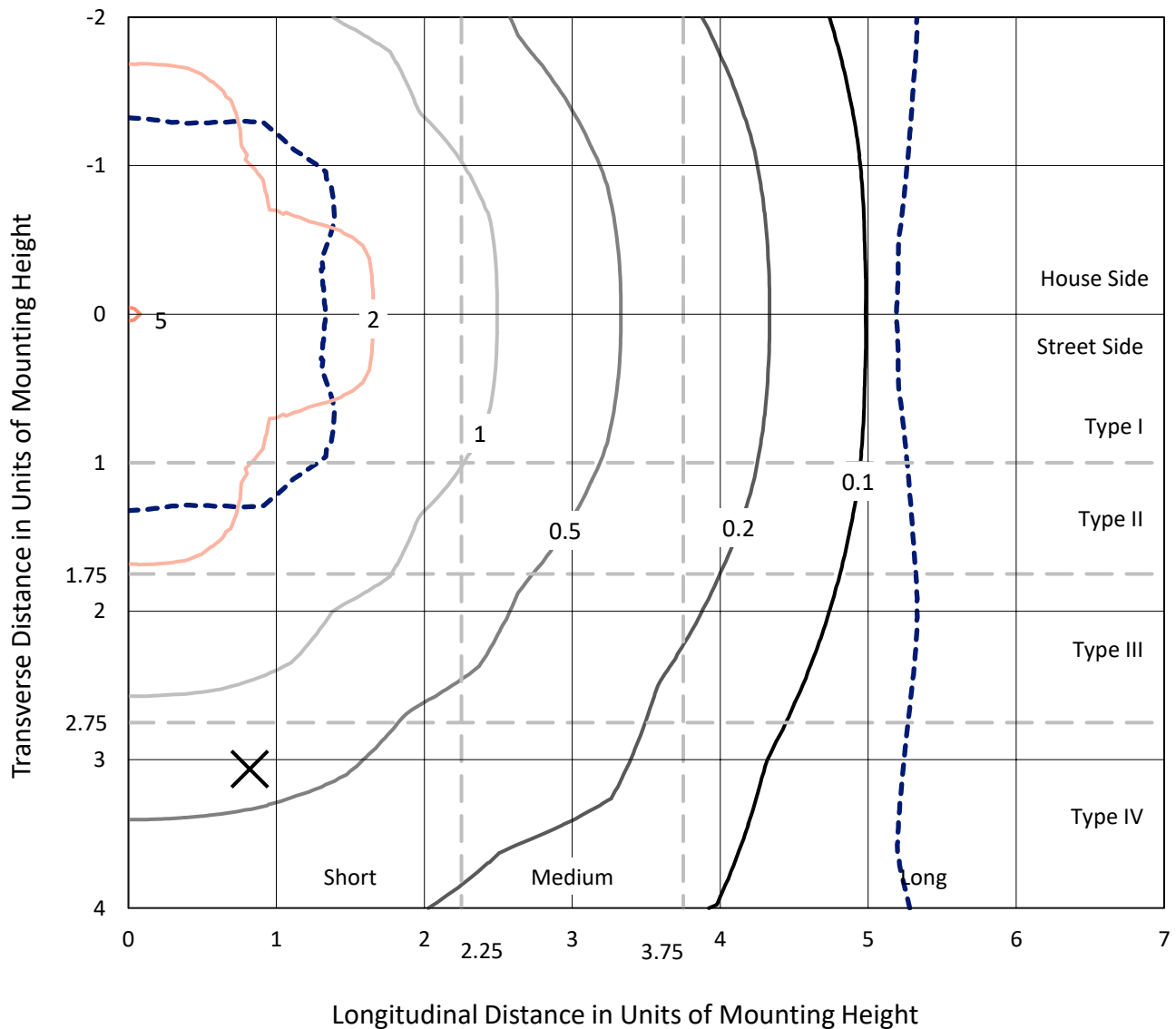
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Iso-Footcandle Lines of Horizontal Illumination

✗ Max cd

--- 1/2 Max cd



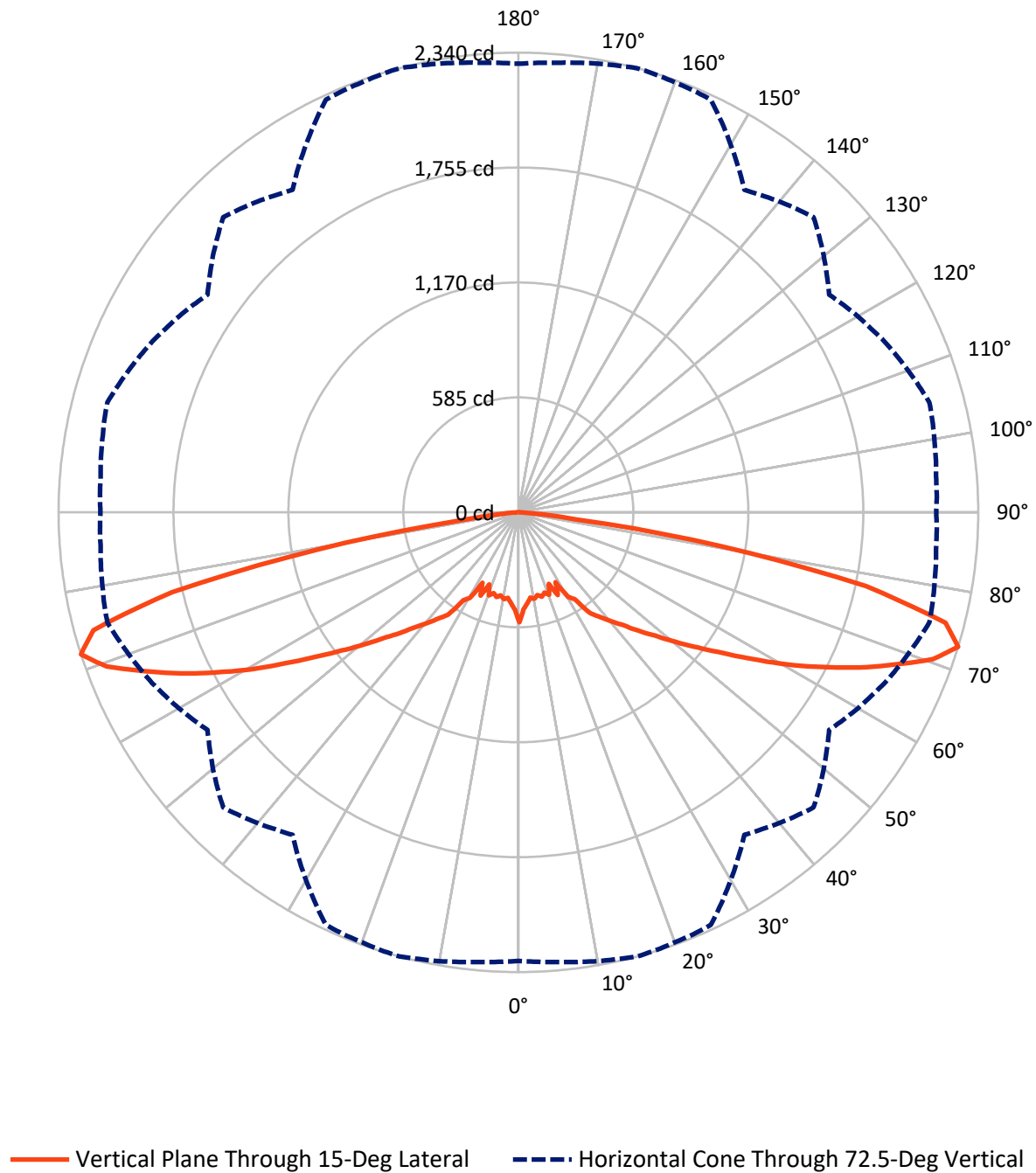
Based on 10 foot mounting height. Maximum calculated value = 5.6 fc

Type V - Short - N/A

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Luminous Intensity Polar Plot



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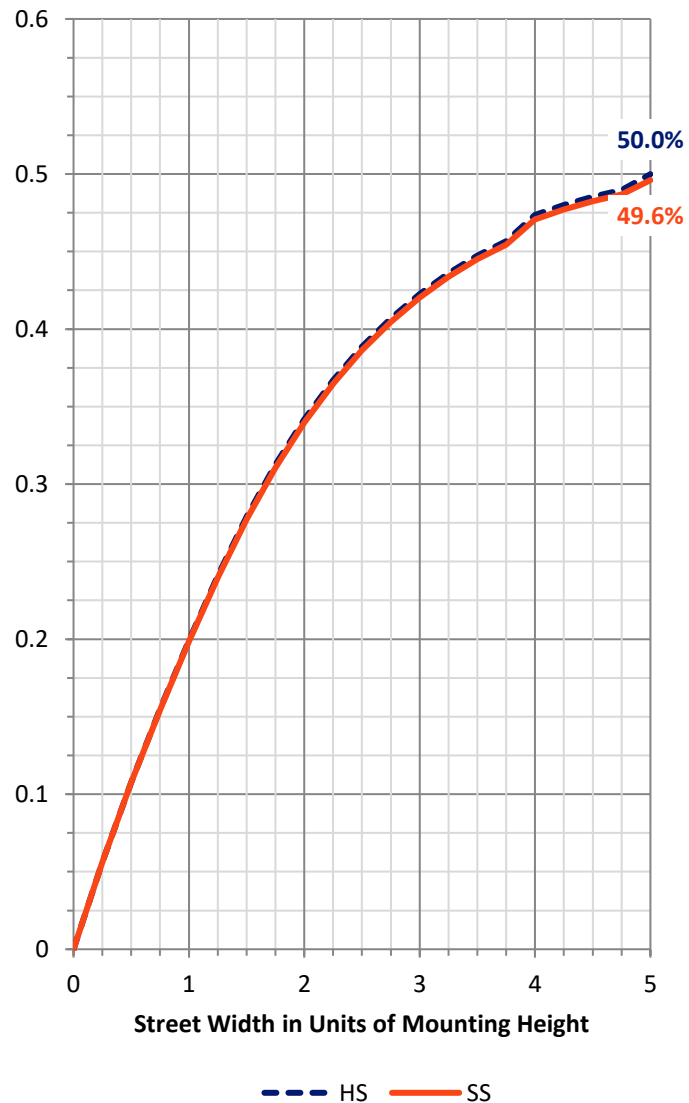
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3227.5	0.0	3227.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3227.5	0.0	3227.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	6455.1	0.0	6455.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.9	0.7
10°-20°	101.9	1.6
20°-30°	181.8	2.8
30°-40°	347.8	5.4
40°-50°	592.3	9.2
50°-60°	1036.9	16.1
60°-70°	1749.6	27.1
70°-80°	2040.8	31.6
80°-90°	360.0	5.6
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°	6455.1	100.0
0°-180°	6455.1	100.0

Coefficient of Utilization



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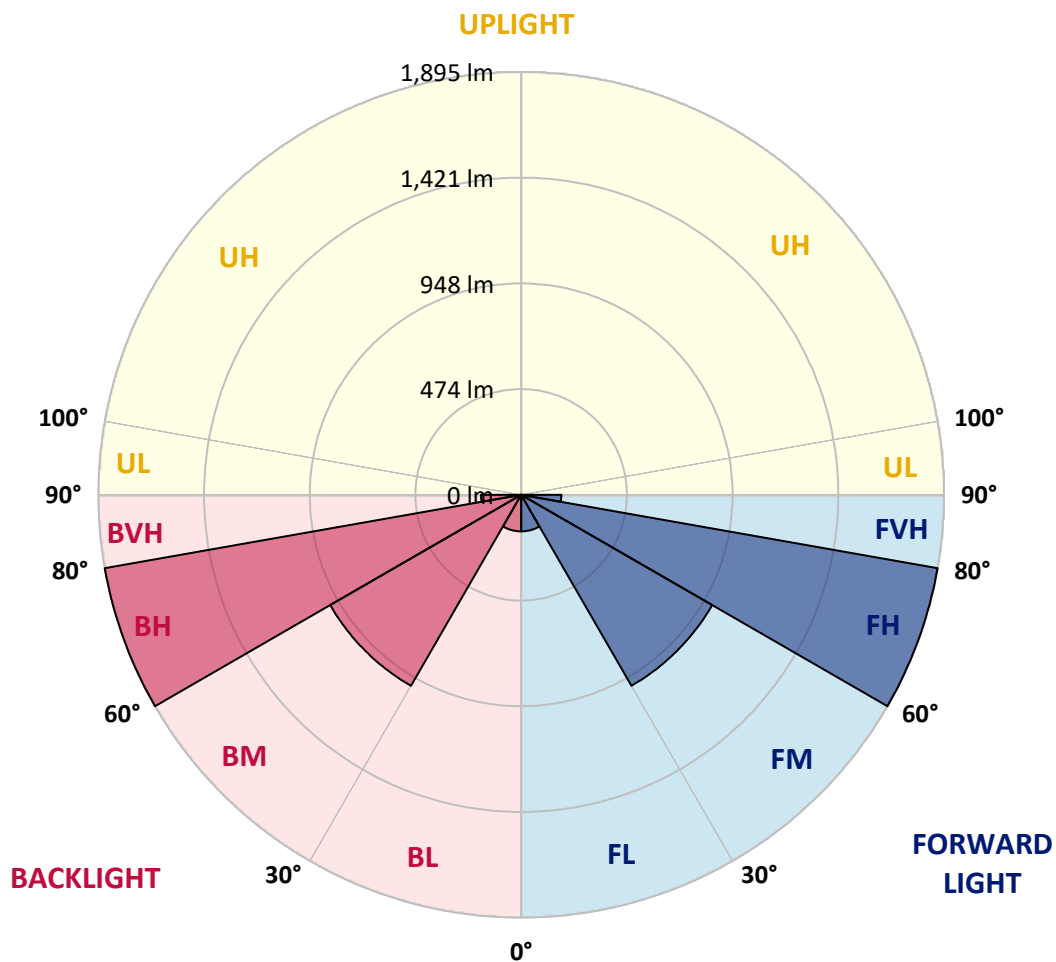
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	163.8	2.5			
FM	(30°-60°)	988.5	15.3			
FH	(60°-80°)	1895.2	29.4			G2/5000
FVH	(80°-90°)	180.0	2.8			G2/225
BL	(0°-30°)	163.8	2.5	B1/500		
BM	(30°-60°)	988.5	15.3	B1/1000		
BH	(60°-80°)	1895.2	29.4	B3/2500		G2/5000
BVH	(80°-90°)	180.0	2.8			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9
2.5°	495.3	497.5	497.5	497.5	497.5	495.3	495.3	502.1	508.9	515.7	522.5
5°	468.0	468.0	468.0	468.0	468.0	465.7	465.7	465.7	465.7	465.7	465.7
7.5°	399.8	404.4	406.7	415.8	422.6	431.7	438.5	440.7	443.0	443.0	445.3
10°	449.8	449.8	449.8	449.8	449.8	447.6	447.6	443.0	440.7	436.2	431.7
12.5°	395.3	393.0	390.8	402.1	411.2	422.6	431.7	433.9	436.2	438.5	440.7
15°	454.4	454.4	454.4	452.1	449.8	447.6	445.3	429.4	413.5	395.3	379.4
17.5°	386.2	388.5	388.5	399.8	408.9	420.3	429.4	424.8	420.3	413.5	408.9
20°	463.5	463.5	463.5	458.9	456.6	452.1	447.6	420.3	393.0	363.5	336.2
22.5°	393.0	393.0	393.0	393.0	395.3	395.3	395.3	397.6	399.8	402.1	404.4
25°	479.4	481.6	481.6	477.1	474.8	470.3	465.7	443.0	418.0	395.3	370.3
27.5°	413.5	413.5	413.5	411.2	408.9	404.4	402.1	406.7	413.5	418.0	422.6
30°	506.6	506.6	506.6	504.4	504.4	502.1	499.8	477.1	452.1	429.4	404.4
32.5°	615.7	613.4	611.1	590.7	570.2	547.5	527.1	515.7	504.4	490.7	479.4
35°	654.3	654.3	652.0	647.5	642.9	636.1	631.6	608.9	586.1	563.4	540.7
37.5°	692.9	692.9	690.6	688.4	683.8	681.6	677.0	652.0	629.3	604.3	579.3
40°	740.6	742.9	742.9	740.6	736.1	733.8	729.3	702.0	677.0	649.8	622.5
42.5°	799.7	799.7	797.4	795.2	792.9	788.3	786.1	761.1	733.8	708.8	681.6
45°	870.1	870.1	867.9	865.6	865.6	863.3	861.0	838.3	813.3	790.6	765.6
47.5°	956.5	954.2	951.9	949.6	945.1	942.8	938.3	913.3	890.6	865.6	840.6
50°	1047.3	1047.3	1047.3	1045.1	1042.8	1038.2	1036.0	1013.3	990.5	965.5	942.8
52.5°	1145.0	1147.3	1147.3	1147.3	1145.0	1145.0	1142.8	1120.0	1097.3	1072.3	1049.6
55°	1260.9	1260.9	1260.9	1260.9	1263.2	1263.2	1263.2	1240.4	1217.7	1195.0	1172.3
57.5°	1392.7	1401.7	1408.6	1408.6	1408.6	1408.6	1408.6	1385.8	1363.1	1340.4	1317.7
60°	1544.9	1547.1	1549.4	1556.2	1560.8	1567.6	1572.1	1551.7	1531.2	1510.8	1490.3
62.5°	1694.8	1699.4	1701.6	1710.7	1717.5	1726.6	1733.4	1719.8	1703.9	1690.3	1674.4
65°	1849.3	1853.8	1856.1	1867.5	1881.1	1892.5	1903.8	1892.5	1883.4	1872.0	1860.7
67.5°	2012.9	2017.4	2019.7	2031.1	2044.7	2056.0	2067.4	2062.9	2058.3	2053.8	2049.2
70°	2187.8	2190.1	2190.1	2201.4	2215.1	2226.4	2237.8	2235.5	2233.3	2231.0	2228.7
72.5°	2283.2	2290.0	2296.9	2308.2	2319.6	2328.7	2340.0	2335.5	2328.7	2324.1	2317.3
75°	2160.6	2165.1	2169.6	2187.8	2208.3	2226.4	2244.6	2251.4	2260.5	2267.3	2274.1
77.5°	1692.5	1713.0	1731.2	1751.6	1769.8	1790.2	1808.4	1847.0	1883.4	1922.0	1958.4
80°	838.3	849.7	861.0	906.5	951.9	997.4	1042.8	1110.9	1181.4	1249.5	1317.7
82.5°	202.2	202.2	202.2	227.2	249.9	274.9	297.6	359.0	422.6	483.9	545.2
85°	40.9	43.2	45.4	56.8	68.2	77.2	88.6	97.7	106.8	115.9	125.0
87.5°	6.8	6.8	6.8	6.8	9.1	9.1	9.1	11.4	13.6	13.6	15.9
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°
0°	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9
2.5°	524.8	529.3	531.6	533.9	536.2	538.4	540.7	543.0	545.2	545.2	547.5
5°	465.7	465.7	465.7	465.7	465.7	465.7	465.7	465.7	468.0	470.3	472.5
7.5°	447.6	449.8	452.1	454.4	454.4	454.4	452.1	452.1	449.8	449.8	447.6
10°	420.3	408.9	395.3	383.9	383.9	386.2	386.2	386.2	379.4	374.9	368.0
12.5°	431.7	422.6	411.2	402.1	386.2	372.6	356.7	340.8	336.2	331.7	327.1
15°	365.8	354.4	340.8	327.1	320.3	311.2	304.4	295.3	293.1	290.8	286.3
17.5°	397.6	386.2	372.6	361.2	338.5	315.8	293.1	270.4	281.7	295.3	306.7
20°	338.5	338.5	340.8	340.8	340.8	338.5	338.5	336.2	329.4	320.3	313.5
22.5°	386.2	365.8	347.6	327.1	331.7	336.2	340.8	345.3	334.0	322.6	309.0
25°	377.1	383.9	388.5	395.3	377.1	359.0	338.5	320.3	329.4	338.5	347.6
27.5°	408.9	395.3	379.4	365.8	372.6	379.4	383.9	390.8	379.4	368.0	356.7
30°	406.7	408.9	408.9	411.2	402.1	390.8	381.7	370.3	374.9	381.7	386.2
32.5°	465.7	449.8	436.2	420.3	420.3	420.3	418.0	418.0	418.0	420.3	420.3
35°	520.3	502.1	481.6	461.2	456.6	454.4	449.8	445.3	449.8	454.4	458.9
37.5°	558.9	536.2	515.7	493.0	490.7	488.5	483.9	481.6	481.6	481.6	481.6
40°	602.0	581.6	561.2	540.7	536.2	531.6	524.8	520.3	518.0	515.7	511.2
42.5°	661.1	638.4	617.9	595.2	588.4	579.3	572.5	563.4	561.2	558.9	554.3
45°	738.4	708.8	681.6	652.0	642.9	636.1	627.0	617.9	615.7	611.1	608.9
47.5°	808.8	779.3	747.4	715.6	711.1	704.3	699.7	692.9	688.4	681.6	677.0
50°	904.2	863.3	824.7	783.8	783.8	781.5	781.5	779.3	770.2	761.1	752.0
52.5°	1011.0	970.1	931.5	890.6	886.0	883.8	879.2	874.7	865.6	856.5	845.1
55°	1131.4	1090.5	1049.6	1008.7	1006.4	1006.4	1004.2	1001.9	988.3	974.6	961.0
57.5°	1276.8	1238.2	1197.3	1156.4	1158.7	1158.7	1160.9	1160.9	1142.8	1124.6	1104.1
60°	1444.9	1399.5	1351.8	1306.3	1313.1	1322.2	1329.0	1335.9	1313.1	1290.4	1265.4
62.5°	1628.9	1581.2	1535.8	1488.1	1501.7	1515.3	1526.7	1540.3	1506.3	1472.2	1438.1
65°	1806.1	1751.6	1697.1	1642.6	1667.6	1694.8	1719.8	1744.8	1703.9	1663.0	1622.1
67.5°	1985.6	1924.3	1860.7	1797.1	1826.6	1856.1	1885.7	1915.2	1874.3	1831.1	1790.2
70°	2151.5	2074.2	1997.0	1919.7	1949.3	1978.8	2008.3	2037.9	1999.2	1960.6	1922.0
72.5°	2240.1	2160.6	2083.3	2003.8	2033.3	2065.1	2094.7	2124.2	2076.5	2028.8	1978.8
75°	2206.0	2135.6	2067.4	1997.0	2040.1	2083.3	2126.5	2169.6	2106.0	2040.1	1976.5
77.5°	1924.3	1892.5	1858.4	1824.3	1901.6	1978.8	2056.0	2133.3	2042.4	1949.3	1858.4
80°	1340.4	1365.4	1388.1	1410.8	1522.2	1633.5	1742.5	1853.8	1747.1	1642.6	1535.8
82.5°	615.7	686.1	754.3	824.7	936.0	1047.3	1156.4	1267.7	1149.6	1031.4	911.0
85°	147.7	170.4	190.8	213.6	270.4	327.1	383.9	440.7	393.0	345.3	297.6
87.5°	18.2	20.4	20.4	22.7	20.4	20.4	18.2	15.9	18.2	18.2	20.4
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°	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9
2.5°	547.5	549.8	549.8	552.1	552.1	552.1	552.1	549.8	549.8	549.8	552.1
5°	474.8	486.2	495.3	506.6	515.7	520.3	527.1	531.6	536.2	538.4	538.4
7.5°	445.3	440.7	433.9	429.4	422.6	431.7	443.0	452.1	461.2	463.5	465.7
10°	361.2	359.0	354.4	352.1	347.6	349.9	354.4	356.7	359.0	370.3	383.9
12.5°	322.6	324.9	327.1	329.4	331.7	324.9	318.1	309.0	302.2	313.5	324.9
15°	284.0	284.0	286.3	286.3	286.3	295.3	304.4	313.5	322.6	338.5	356.7
17.5°	318.1	313.5	309.0	302.2	297.6	299.9	299.9	302.2	302.2	311.2	318.1
20°	304.4	297.6	293.1	286.3	279.4	290.8	302.2	313.5	324.9	343.1	361.2
22.5°	297.6	311.2	322.6	336.2	347.6	340.8	334.0	324.9	318.1	318.1	318.1
25°	356.7	345.3	334.0	322.6	311.2	331.7	349.9	370.3	388.5	402.1	413.5
27.5°	345.3	354.4	363.5	370.3	379.4	390.8	402.1	413.5	424.8	445.3	463.5
30°	390.8	402.1	413.5	422.6	433.9	463.5	490.7	520.3	547.5	561.2	574.8
32.5°	420.3	443.0	463.5	486.2	506.6	522.5	538.4	554.3	570.2	583.9	599.8
35°	463.5	481.6	497.5	515.7	531.6	549.8	568.0	583.9	602.0	615.7	629.3
37.5°	481.6	502.1	522.5	540.7	561.2	583.9	604.3	627.0	647.5	658.8	667.9
40°	508.9	533.9	558.9	583.9	608.9	631.6	654.3	677.0	699.7	708.8	717.9
42.5°	552.1	579.3	606.6	631.6	658.8	683.8	706.6	731.5	754.3	763.3	772.4
45°	604.3	631.6	658.8	686.1	713.4	740.6	767.9	795.2	822.4	833.8	845.1
47.5°	670.2	697.5	727.0	754.3	781.5	815.6	847.4	881.5	913.3	922.4	931.5
50°	742.9	770.2	797.4	824.7	852.0	895.1	936.0	979.2	1020.1	1024.6	1031.4
52.5°	836.0	863.3	888.3	915.6	940.6	988.3	1036.0	1081.4	1129.1	1131.4	1135.9
55°	947.4	972.4	999.6	1024.6	1049.6	1101.9	1151.8	1204.1	1254.1	1254.1	1256.3
57.5°	1086.0	1113.2	1140.5	1165.5	1192.7	1242.7	1292.7	1340.4	1390.4	1388.1	1385.8
60°	1242.7	1267.7	1290.4	1315.4	1338.1	1385.8	1435.8	1483.5	1531.2	1526.7	1519.9
62.5°	1404.0	1431.3	1458.5	1483.5	1510.8	1549.4	1590.3	1628.9	1667.6	1658.5	1649.4
65°	1581.2	1608.5	1638.0	1665.3	1692.5	1722.1	1753.9	1783.4	1813.0	1803.9	1797.1
67.5°	1747.1	1778.9	1810.7	1840.2	1872.0	1894.7	1917.5	1937.9	1960.6	1949.3	1937.9
70°	1883.4	1910.6	1937.9	1965.2	1992.4	2015.2	2037.9	2060.6	2083.3	2071.9	2060.6
72.5°	1931.1	1962.9	1994.7	2024.2	2056.0	2083.3	2110.6	2137.8	2165.1	2158.3	2149.2
75°	1910.6	1933.4	1956.1	1978.8	2001.5	2022.0	2044.7	2065.1	2085.6	2074.2	2062.9
77.5°	1765.2	1763.0	1758.4	1756.2	1751.6	1751.6	1753.9	1753.9	1753.9	1740.3	1726.6
80°	1429.0	1388.1	1347.2	1306.3	1265.4	1217.7	1170.0	1122.3	1074.6	1029.2	983.7
82.5°	792.9	699.7	608.9	515.7	422.6	383.9	343.1	304.4	263.5	245.4	224.9
85°	249.9	218.1	186.3	154.5	122.7	115.9	109.0	100.0	93.1	86.3	79.5
87.5°	20.4	18.2	18.2	15.9	13.6	11.4	11.4	9.1	6.8	6.8	6.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9
2.5°	552.1	552.1	552.1	552.1	552.1	552.1	552.1	552.1	549.8	549.8	549.8
5°	540.7	540.7	540.7	540.7	540.7	540.7	540.7	538.4	538.4	536.2	531.6
7.5°	465.7	468.0	468.0	465.7	468.0	468.0	465.7	465.7	463.5	461.2	452.1
10°	395.3	406.7	406.7	406.7	406.7	406.7	395.3	383.9	370.3	359.0	356.7
12.5°	336.2	347.6	347.6	347.6	347.6	347.6	336.2	324.9	313.5	302.2	309.0
15°	372.6	388.5	388.5	388.5	388.5	388.5	372.6	356.7	338.5	322.6	313.5
17.5°	327.1	334.0	336.2	336.2	336.2	334.0	327.1	318.1	311.2	302.2	302.2
20°	377.1	395.3	397.6	399.8	397.6	395.3	377.1	361.2	343.1	324.9	313.5
22.5°	315.8	315.8	318.1	318.1	318.1	315.8	315.8	318.1	318.1	318.1	324.9
25°	427.1	438.5	438.5	436.2	438.5	438.5	427.1	413.5	402.1	388.5	370.3
27.5°	483.9	502.1	506.6	508.9	506.6	502.1	483.9	463.5	445.3	424.8	413.5
30°	588.4	602.0	602.0	602.0	602.0	602.0	588.4	574.8	561.2	547.5	520.3
32.5°	613.4	627.0	627.0	627.0	627.0	627.0	613.4	599.8	583.9	570.2	554.3
35°	640.7	654.3	656.6	656.6	656.6	654.3	640.7	629.3	615.7	602.0	583.9
37.5°	679.3	688.4	690.6	692.9	690.6	688.4	679.3	667.9	658.8	647.5	627.0
40°	724.7	733.8	733.8	733.8	733.8	733.8	724.7	717.9	708.8	699.7	677.0
42.5°	781.5	790.6	792.9	795.2	792.9	790.6	781.5	772.4	763.3	754.3	731.5
45°	854.2	865.6	867.9	870.1	867.9	865.6	854.2	845.1	833.8	822.4	795.2
47.5°	940.6	949.6	949.6	949.6	949.6	949.6	940.6	931.5	922.4	913.3	881.5
50°	1036.0	1040.5	1042.8	1042.8	1042.8	1040.5	1036.0	1031.4	1024.6	1020.1	979.2
52.5°	1138.2	1140.5	1140.5	1138.2	1140.5	1140.5	1138.2	1135.9	1131.4	1129.1	1081.4
55°	1256.3	1256.3	1254.1	1249.5	1254.1	1256.3	1256.3	1256.3	1254.1	1254.1	1204.1
57.5°	1383.6	1381.3	1381.3	1379.0	1381.3	1381.3	1383.6	1385.8	1388.1	1390.4	1340.4
60°	1515.3	1508.5	1506.3	1501.7	1506.3	1508.5	1515.3	1519.9	1526.7	1531.2	1483.5
62.5°	1640.3	1631.2	1631.2	1631.2	1631.2	1631.2	1640.3	1649.4	1658.5	1667.6	1628.9
65°	1788.0	1778.9	1774.3	1769.8	1774.3	1778.9	1788.0	1797.1	1803.9	1813.0	1783.4
67.5°	1926.5	1915.2	1910.6	1903.8	1910.6	1915.2	1926.5	1937.9	1949.3	1960.6	1937.9
70°	2047.0	2035.6	2033.3	2031.1	2033.3	2035.6	2047.0	2060.6	2071.9	2083.3	2060.6
72.5°	2142.4	2133.3	2131.0	2126.5	2131.0	2133.3	2142.4	2149.2	2158.3	2165.1	2137.8
75°	2051.5	2040.1	2033.3	2024.2	2033.3	2040.1	2051.5	2062.9	2074.2	2085.6	2065.1
77.5°	1713.0	1699.4	1694.8	1688.0	1694.8	1699.4	1713.0	1726.6	1740.3	1753.9	1753.9
80°	938.3	892.8	881.5	867.9	881.5	892.8	938.3	983.7	1029.2	1074.6	1122.3
82.5°	206.7	186.3	179.5	170.4	179.5	186.3	206.7	224.9	245.4	263.5	304.4
85°	70.4	63.6	59.1	54.5	59.1	63.6	70.4	79.5	86.3	93.1	100.0
87.5°	6.8	6.8	6.8	4.5	6.8	6.8	6.8	6.8	6.8	6.8	9.1
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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CATALOG NUMBER: SDL-PA1-70-827-U-5WQ

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9
2.5°	552.1	552.1	552.1	552.1	549.8	549.8	547.5	547.5	545.2	545.2	543.0
5°	527.1	520.3	515.7	506.6	495.3	486.2	474.8	472.5	470.3	468.0	465.7
7.5°	443.0	431.7	422.6	429.4	433.9	440.7	445.3	447.6	449.8	449.8	452.1
10°	354.4	349.9	347.6	352.1	354.4	359.0	361.2	368.0	374.9	379.4	386.2
12.5°	318.1	324.9	331.7	329.4	327.1	324.9	322.6	327.1	331.7	336.2	340.8
15°	304.4	295.3	286.3	286.3	286.3	284.0	284.0	286.3	290.8	293.1	295.3
17.5°	299.9	299.9	297.6	302.2	309.0	313.5	318.1	306.7	295.3	281.7	270.4
20°	302.2	290.8	279.4	286.3	293.1	297.6	304.4	313.5	320.3	329.4	336.2
22.5°	334.0	340.8	347.6	336.2	322.6	311.2	297.6	309.0	322.6	334.0	345.3
25°	349.9	331.7	311.2	322.6	334.0	345.3	356.7	347.6	338.5	329.4	320.3
27.5°	402.1	390.8	379.4	370.3	363.5	354.4	345.3	356.7	368.0	379.4	390.8
30°	490.7	463.5	433.9	422.6	413.5	402.1	390.8	386.2	381.7	374.9	370.3
32.5°	538.4	522.5	506.6	486.2	463.5	443.0	420.3	420.3	420.3	418.0	418.0
35°	568.0	549.8	531.6	515.7	497.5	481.6	463.5	458.9	454.4	449.8	445.3
37.5°	604.3	583.9	561.2	540.7	522.5	502.1	481.6	481.6	481.6	481.6	481.6
40°	654.3	631.6	608.9	583.9	558.9	533.9	508.9	511.2	515.7	518.0	520.3
42.5°	706.6	683.8	658.8	631.6	606.6	579.3	552.1	554.3	558.9	561.2	563.4
45°	767.9	740.6	713.4	686.1	658.8	631.6	604.3	608.9	611.1	615.7	617.9
47.5°	847.4	815.6	781.5	754.3	727.0	697.5	670.2	677.0	681.6	688.4	692.9
50°	936.0	895.1	852.0	824.7	797.4	770.2	742.9	752.0	761.1	770.2	779.3
52.5°	1036.0	988.3	940.6	915.6	888.3	863.3	836.0	845.1	856.5	865.6	874.7
55°	1151.8	1101.9	1049.6	1024.6	999.6	972.4	947.4	961.0	974.6	988.3	1001.9
57.5°	1292.7	1242.7	1192.7	1165.5	1140.5	1113.2	1086.0	1104.1	1124.6	1142.8	1160.9
60°	1435.8	1385.8	1338.1	1315.4	1290.4	1267.7	1242.7	1265.4	1290.4	1313.1	1335.9
62.5°	1590.3	1549.4	1510.8	1483.5	1458.5	1431.3	1404.0	1438.1	1472.2	1506.3	1540.3
65°	1753.9	1722.1	1692.5	1665.3	1638.0	1608.5	1581.2	1622.1	1663.0	1703.9	1744.8
67.5°	1917.5	1894.7	1872.0	1840.2	1810.7	1778.9	1747.1	1790.2	1831.1	1874.3	1915.2
70°	2037.9	2015.2	1992.4	1965.2	1937.9	1910.6	1883.4	1922.0	1960.6	1999.2	2037.9
72.5°	2110.6	2083.3	2056.0	2024.2	1994.7	1962.9	1931.1	1978.8	2028.8	2076.5	2124.2
75°	2044.7	2022.0	2001.5	1978.8	1956.1	1933.4	1910.6	1976.5	2040.1	2106.0	2169.6
77.5°	1753.9	1751.6	1751.6	1756.2	1758.4	1763.0	1765.2	1858.4	1949.3	2042.4	2133.3
80°	1170.0	1217.7	1265.4	1306.3	1347.2	1388.1	1429.0	1535.8	1642.6	1747.1	1853.8
82.5°	343.1	383.9	422.6	515.7	608.9	699.7	792.9	911.0	1031.4	1149.6	1267.7
85°	109.0	115.9	122.7	154.5	186.3	218.1	249.9	297.6	345.3	393.0	440.7
87.5°	11.4	11.4	13.6	15.9	18.2	18.2	20.4	20.4	18.2	18.2	15.9
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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CATALOG NUMBER: SDL-PA1-70-827-U-5WQ

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9
2.5°	540.7	538.4	536.2	533.9	531.6	529.3	524.8	522.5	515.7	508.9	502.1
5°	465.7	465.7	465.7	465.7	465.7	465.7	465.7	465.7	465.7	465.7	465.7
7.5°	452.1	454.4	454.4	454.4	452.1	449.8	447.6	445.3	443.0	443.0	440.7
10°	386.2	386.2	383.9	383.9	395.3	408.9	420.3	431.7	436.2	440.7	443.0
12.5°	356.7	372.6	386.2	402.1	411.2	422.6	431.7	440.7	438.5	436.2	433.9
15°	304.4	311.2	320.3	327.1	340.8	354.4	365.8	379.4	395.3	413.5	429.4
17.5°	293.1	315.8	338.5	361.2	372.6	386.2	397.6	408.9	413.5	420.3	424.8
20°	338.5	338.5	340.8	340.8	340.8	338.5	338.5	336.2	363.5	393.0	420.3
22.5°	340.8	336.2	331.7	327.1	347.6	365.8	386.2	404.4	402.1	399.8	397.6
25°	338.5	359.0	377.1	395.3	388.5	383.9	377.1	370.3	395.3	418.0	443.0
27.5°	383.9	379.4	372.6	365.8	379.4	395.3	408.9	422.6	418.0	413.5	406.7
30°	381.7	390.8	402.1	411.2	408.9	408.9	406.7	404.4	429.4	452.1	477.1
32.5°	418.0	420.3	420.3	420.3	436.2	449.8	465.7	479.4	490.7	504.4	515.7
35°	449.8	454.4	456.6	461.2	481.6	502.1	520.3	540.7	563.4	586.1	608.9
37.5°	483.9	488.5	490.7	493.0	515.7	536.2	558.9	579.3	604.3	629.3	652.0
40°	524.8	531.6	536.2	540.7	561.2	581.6	602.0	622.5	649.8	677.0	702.0
42.5°	572.5	579.3	588.4	595.2	617.9	638.4	661.1	681.6	708.8	733.8	761.1
45°	627.0	636.1	642.9	652.0	681.6	708.8	738.4	765.6	790.6	813.3	838.3
47.5°	699.7	704.3	711.1	715.6	747.4	779.3	808.8	840.6	865.6	890.6	913.3
50°	781.5	781.5	783.8	783.8	824.7	863.3	904.2	942.8	965.5	990.5	1013.3
52.5°	879.2	883.8	886.0	890.6	931.5	970.1	1011.0	1049.6	1072.3	1097.3	1120.0
55°	1004.2	1006.4	1006.4	1008.7	1049.6	1090.5	1131.4	1172.3	1195.0	1217.7	1240.4
57.5°	1160.9	1158.7	1158.7	1156.4	1197.3	1238.2	1276.8	1317.7	1340.4	1363.1	1385.8
60°	1329.0	1322.2	1313.1	1306.3	1351.8	1399.5	1444.9	1490.3	1510.8	1531.2	1551.7
62.5°	1526.7	1515.3	1501.7	1488.1	1535.8	1581.2	1628.9	1674.4	1690.3	1703.9	1719.8
65°	1719.8	1694.8	1667.6	1642.6	1697.1	1751.6	1806.1	1860.7	1872.0	1883.4	1892.5
67.5°	1885.7	1856.1	1826.6	1797.1	1860.7	1924.3	1985.6	2049.2	2053.8	2058.3	2062.9
70°	2008.3	1978.8	1949.3	1919.7	1997.0	2074.2	2151.5	2228.7	2231.0	2233.3	2235.5
72.5°	2094.7	2065.1	2033.3	2003.8	2083.3	2160.6	2240.1	2317.3	2324.1	2328.7	2335.5
75°	2126.5	2083.3	2040.1	1997.0	2067.4	2135.6	2206.0	2274.1	2267.3	2260.5	2251.4
77.5°	2056.0	1978.8	1901.6	1824.3	1858.4	1892.5	1924.3	1958.4	1922.0	1883.4	1847.0
80°	1742.5	1633.5	1522.2	1410.8	1388.1	1365.4	1340.4	1317.7	1249.5	1181.4	1110.9
82.5°	1156.4	1047.3	936.0	824.7	754.3	686.1	615.7	545.2	483.9	422.6	359.0
85°	383.9	327.1	270.4	213.6	190.8	170.4	147.7	125.0	115.9	106.8	97.7
87.5°	18.2	20.4	20.4	22.7	20.4	20.4	18.2	15.9	13.6	13.6	11.4
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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CATALOG NUMBER: SDL-PA1-70-827-U-5WQ

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9
2.5°	495.3	495.3	497.5	497.5	497.5	497.5	495.3	497.5	497.5	497.5	497.5
5°	465.7	465.7	468.0	468.0	468.0	468.0	468.0	468.0	468.0	468.0	468.0
7.5°	438.5	431.7	422.6	415.8	406.7	404.4	399.8	404.4	406.7	415.8	422.6
10°	447.6	447.6	449.8	449.8	449.8	449.8	449.8	449.8	449.8	449.8	449.8
12.5°	431.7	422.6	411.2	402.1	390.8	393.0	395.3	393.0	390.8	402.1	411.2
15°	445.3	447.6	449.8	452.1	454.4	454.4	454.4	454.4	454.4	452.1	449.8
17.5°	429.4	420.3	408.9	399.8	388.5	388.5	386.2	388.5	388.5	399.8	408.9
20°	447.6	452.1	456.6	458.9	463.5	463.5	463.5	463.5	463.5	458.9	456.6
22.5°	395.3	395.3	395.3	393.0	393.0	393.0	393.0	393.0	393.0	393.0	395.3
25°	465.7	470.3	474.8	477.1	481.6	481.6	479.4	481.6	481.6	477.1	474.8
27.5°	402.1	404.4	408.9	411.2	413.5	413.5	413.5	413.5	413.5	411.2	408.9
30°	499.8	502.1	504.4	504.4	506.6	506.6	506.6	506.6	506.6	504.4	504.4
32.5°	527.1	547.5	570.2	590.7	611.1	613.4	615.7	613.4	611.1	590.7	570.2
35°	631.6	636.1	642.9	647.5	652.0	654.3	654.3	654.3	652.0	647.5	642.9
37.5°	677.0	681.6	683.8	688.4	690.6	692.9	692.9	692.9	690.6	688.4	683.8
40°	729.3	733.8	736.1	740.6	742.9	742.9	740.6	742.9	742.9	740.6	736.1
42.5°	786.1	788.3	792.9	795.2	797.4	799.7	799.7	799.7	797.4	795.2	792.9
45°	861.0	863.3	865.6	865.6	867.9	870.1	870.1	870.1	867.9	865.6	865.6
47.5°	938.3	942.8	945.1	949.6	951.9	954.2	956.5	954.2	951.9	949.6	945.1
50°	1036.0	1038.2	1042.8	1045.1	1047.3	1047.3	1047.3	1047.3	1047.3	1045.1	1042.8
52.5°	1142.8	1145.0	1145.0	1147.3	1147.3	1147.3	1145.0	1147.3	1147.3	1147.3	1145.0
55°	1263.2	1263.2	1263.2	1260.9	1260.9	1260.9	1260.9	1260.9	1260.9	1260.9	1263.2
57.5°	1408.6	1408.6	1408.6	1408.6	1408.6	1401.7	1392.7	1401.7	1408.6	1408.6	1408.6
60°	1572.1	1567.6	1560.8	1556.2	1549.4	1547.1	1544.9	1547.1	1549.4	1556.2	1560.8
62.5°	1733.4	1726.6	1717.5	1710.7	1701.6	1699.4	1694.8	1699.4	1701.6	1710.7	1717.5
65°	1903.8	1892.5	1881.1	1867.5	1856.1	1853.8	1849.3	1853.8	1856.1	1867.5	1881.1
67.5°	2067.4	2056.0	2044.7	2031.1	2019.7	2017.4	2012.9	2017.4	2019.7	2031.1	2044.7
70°	2237.8	2226.4	2215.1	2201.4	2190.1	2190.1	2187.8	2190.1	2190.1	2201.4	2215.1
72.5°	2340.0	2328.7	2319.6	2308.2	2296.9	2290.0	2283.2	2290.0	2296.9	2308.2	2319.6
75°	2244.6	2226.4	2208.3	2187.8	2169.6	2165.1	2160.6	2165.1	2169.6	2187.8	2208.3
77.5°	1808.4	1790.2	1769.8	1751.6	1731.2	1713.0	1692.5	1713.0	1731.2	1751.6	1769.8
80°	1042.8	997.4	951.9	906.5	861.0	849.7	838.3	849.7	861.0	906.5	951.9
82.5°	297.6	274.9	249.9	227.2	202.2	202.2	202.2	202.2	202.2	227.2	249.9
85°	88.6	77.2	68.2	56.8	45.4	43.2	40.9	43.2	45.4	56.8	68.2
87.5°	9.1	9.1	9.1	6.8	6.8	6.8	6.8	6.8	6.8	6.8	9.1
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: P560969

CATALOG NUMBER: SDL-PA1-70-827-U-5WQ

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9
2.5°	495.3	495.3	502.1	508.9	515.7	522.5	524.8	529.3	531.6	533.9	536.2
5°	465.7	465.7	465.7	465.7	465.7	465.7	465.7	465.7	465.7	465.7	465.7
7.5°	431.7	438.5	440.7	443.0	443.0	445.3	447.6	449.8	452.1	454.4	454.4
10°	447.6	447.6	443.0	440.7	436.2	431.7	420.3	408.9	395.3	383.9	383.9
12.5°	422.6	431.7	433.9	436.2	438.5	440.7	431.7	422.6	411.2	402.1	386.2
15°	447.6	445.3	429.4	413.5	395.3	379.4	365.8	354.4	340.8	327.1	320.3
17.5°	420.3	429.4	424.8	420.3	413.5	408.9	397.6	386.2	372.6	361.2	338.5
20°	452.1	447.6	420.3	393.0	363.5	336.2	338.5	338.5	340.8	340.8	340.8
22.5°	395.3	395.3	397.6	399.8	402.1	404.4	386.2	365.8	347.6	327.1	331.7
25°	470.3	465.7	443.0	418.0	395.3	370.3	377.1	383.9	388.5	395.3	377.1
27.5°	404.4	402.1	406.7	413.5	418.0	422.6	408.9	395.3	379.4	365.8	372.6
30°	502.1	499.8	477.1	452.1	429.4	404.4	406.7	408.9	408.9	411.2	402.1
32.5°	547.5	527.1	515.7	504.4	490.7	479.4	465.7	449.8	436.2	420.3	420.3
35°	636.1	631.6	608.9	586.1	563.4	540.7	520.3	502.1	481.6	461.2	456.6
37.5°	681.6	677.0	652.0	629.3	604.3	579.3	558.9	536.2	515.7	493.0	490.7
40°	733.8	729.3	702.0	677.0	649.8	622.5	602.0	581.6	561.2	540.7	536.2
42.5°	788.3	786.1	761.1	733.8	708.8	681.6	661.1	638.4	617.9	595.2	588.4
45°	863.3	861.0	838.3	813.3	790.6	765.6	738.4	708.8	681.6	652.0	642.9
47.5°	942.8	938.3	913.3	890.6	865.6	840.6	808.8	779.3	747.4	715.6	711.1
50°	1038.2	1036.0	1013.3	990.5	965.5	942.8	904.2	863.3	824.7	783.8	783.8
52.5°	1145.0	1142.8	1120.0	1097.3	1072.3	1049.6	1011.0	970.1	931.5	890.6	886.0
55°	1263.2	1263.2	1240.4	1217.7	1195.0	1172.3	1131.4	1090.5	1049.6	1008.7	1006.4
57.5°	1408.6	1408.6	1385.8	1363.1	1340.4	1317.7	1276.8	1238.2	1197.3	1156.4	1158.7
60°	1567.6	1572.1	1551.7	1531.2	1510.8	1490.3	1444.9	1399.5	1351.8	1306.3	1313.1
62.5°	1726.6	1733.4	1719.8	1703.9	1690.3	1674.4	1628.9	1581.2	1535.8	1488.1	1501.7
65°	1892.5	1903.8	1892.5	1883.4	1872.0	1860.7	1806.1	1751.6	1697.1	1642.6	1667.6
67.5°	2056.0	2067.4	2062.9	2058.3	2053.8	2049.2	1985.6	1924.3	1860.7	1797.1	1826.6
70°	2226.4	2237.8	2235.5	2233.3	2231.0	2228.7	2151.5	2074.2	1997.0	1919.7	1949.3
72.5°	2328.7	2340.0	2335.5	2328.7	2324.1	2317.3	2240.1	2160.6	2083.3	2003.8	2033.3
75°	2226.4	2244.6	2251.4	2260.5	2267.3	2274.1	2206.0	2135.6	2067.4	1997.0	2040.1
77.5°	1790.2	1808.4	1847.0	1883.4	1922.0	1958.4	1924.3	1892.5	1858.4	1824.3	1901.6
80°	997.4	1042.8	1110.9	1181.4	1249.5	1317.7	1340.4	1365.4	1388.1	1410.8	1522.2
82.5°	274.9	297.6	359.0	422.6	483.9	545.2	615.7	686.1	754.3	824.7	936.0
85°	77.2	88.6	97.7	106.8	115.9	125.0	147.7	170.4	190.8	213.6	270.4
87.5°	9.1	9.1	11.4	13.6	13.6	15.9	18.2	20.4	20.4	22.7	20.4
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°	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9
2.5°	538.4	540.7	543.0	545.2	545.2	547.5	547.5	549.8	549.8	552.1	552.1
5°	465.7	465.7	465.7	468.0	470.3	472.5	474.8	486.2	495.3	506.6	515.7
7.5°	454.4	452.1	452.1	449.8	449.8	447.6	445.3	440.7	433.9	429.4	422.6
10°	386.2	386.2	386.2	379.4	374.9	368.0	361.2	359.0	354.4	352.1	347.6
12.5°	372.6	356.7	340.8	336.2	331.7	327.1	322.6	324.9	327.1	329.4	331.7
15°	311.2	304.4	295.3	293.1	290.8	286.3	284.0	284.0	286.3	286.3	286.3
17.5°	315.8	293.1	270.4	281.7	295.3	306.7	318.1	313.5	309.0	302.2	297.6
20°	338.5	338.5	336.2	329.4	320.3	313.5	304.4	297.6	293.1	286.3	279.4
22.5°	336.2	340.8	345.3	334.0	322.6	309.0	297.6	311.2	322.6	336.2	347.6
25°	359.0	338.5	320.3	329.4	338.5	347.6	356.7	345.3	334.0	322.6	311.2
27.5°	379.4	383.9	390.8	379.4	368.0	356.7	345.3	354.4	363.5	370.3	379.4
30°	390.8	381.7	370.3	374.9	381.7	386.2	390.8	402.1	413.5	422.6	433.9
32.5°	420.3	418.0	418.0	418.0	420.3	420.3	420.3	443.0	463.5	486.2	506.6
35°	454.4	449.8	445.3	449.8	454.4	458.9	463.5	481.6	497.5	515.7	531.6
37.5°	488.5	483.9	481.6	481.6	481.6	481.6	481.6	502.1	522.5	540.7	561.2
40°	531.6	524.8	520.3	518.0	515.7	511.2	508.9	533.9	558.9	583.9	608.9
42.5°	579.3	572.5	563.4	561.2	558.9	554.3	552.1	579.3	606.6	631.6	658.8
45°	636.1	627.0	617.9	615.7	611.1	608.9	604.3	631.6	658.8	686.1	713.4
47.5°	704.3	699.7	692.9	688.4	681.6	677.0	670.2	697.5	727.0	754.3	781.5
50°	781.5	781.5	779.3	770.2	761.1	752.0	742.9	770.2	797.4	824.7	852.0
52.5°	883.8	879.2	874.7	865.6	856.5	845.1	836.0	863.3	888.3	915.6	940.6
55°	1006.4	1004.2	1001.9	988.3	974.6	961.0	947.4	972.4	999.6	1024.6	1049.6
57.5°	1158.7	1160.9	1160.9	1142.8	1124.6	1104.1	1086.0	1113.2	1140.5	1165.5	1192.7
60°	1322.2	1329.0	1335.9	1313.1	1290.4	1265.4	1242.7	1267.7	1290.4	1315.4	1338.1
62.5°	1515.3	1526.7	1540.3	1506.3	1472.2	1438.1	1404.0	1431.3	1458.5	1483.5	1510.8
65°	1694.8	1719.8	1744.8	1703.9	1663.0	1622.1	1581.2	1608.5	1638.0	1665.3	1692.5
67.5°	1856.1	1885.7	1915.2	1874.3	1831.1	1790.2	1747.1	1778.9	1810.7	1840.2	1872.0
70°	1978.8	2008.3	2037.9	1999.2	1960.6	1922.0	1883.4	1910.6	1937.9	1965.2	1992.4
72.5°	2065.1	2094.7	2124.2	2076.5	2028.8	1978.8	1931.1	1962.9	1994.7	2024.2	2056.0
75°	2083.3	2126.5	2169.6	2106.0	2040.1	1976.5	1910.6	1933.4	1956.1	1978.8	2001.5
77.5°	1978.8	2056.0	2133.3	2042.4	1949.3	1858.4	1765.2	1763.0	1758.4	1756.2	1751.6
80°	1633.5	1742.5	1853.8	1747.1	1642.6	1535.8	1429.0	1388.1	1347.2	1306.3	1265.4
82.5°	1047.3	1156.4	1267.7	1149.6	1031.4	911.0	792.9	699.7	608.9	515.7	422.6
85°	327.1	383.9	440.7	393.0	345.3	297.6	249.9	218.1	186.3	154.5	122.7
87.5°	20.4	18.2	15.9	18.2	18.2	20.4	20.4	18.2	18.2	15.9	13.6
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°	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9
2.5°	552.1	552.1	549.8	549.8	549.8	552.1	552.1	552.1	552.1	552.1	552.1
5°	520.3	527.1	531.6	536.2	538.4	538.4	540.7	540.7	540.7	540.7	540.7
7.5°	431.7	443.0	452.1	461.2	463.5	465.7	465.7	468.0	468.0	465.7	468.0
10°	349.9	354.4	356.7	359.0	370.3	383.9	395.3	406.7	406.7	406.7	406.7
12.5°	324.9	318.1	309.0	302.2	313.5	324.9	336.2	347.6	347.6	347.6	347.6
15°	295.3	304.4	313.5	322.6	338.5	356.7	372.6	388.5	388.5	388.5	388.5
17.5°	299.9	299.9	302.2	302.2	311.2	318.1	327.1	334.0	336.2	336.2	336.2
20°	290.8	302.2	313.5	324.9	343.1	361.2	377.1	395.3	397.6	399.8	397.6
22.5°	340.8	334.0	324.9	318.1	318.1	318.1	315.8	315.8	318.1	318.1	318.1
25°	331.7	349.9	370.3	388.5	402.1	413.5	427.1	438.5	438.5	436.2	438.5
27.5°	390.8	402.1	413.5	424.8	445.3	463.5	483.9	502.1	506.6	508.9	506.6
30°	463.5	490.7	520.3	547.5	561.2	574.8	588.4	602.0	602.0	602.0	602.0
32.5°	522.5	538.4	554.3	570.2	583.9	599.8	613.4	627.0	627.0	627.0	627.0
35°	549.8	568.0	583.9	602.0	615.7	629.3	640.7	654.3	656.6	656.6	656.6
37.5°	583.9	604.3	627.0	647.5	658.8	667.9	679.3	688.4	690.6	692.9	690.6
40°	631.6	654.3	677.0	699.7	708.8	717.9	724.7	733.8	733.8	733.8	733.8
42.5°	683.8	706.6	731.5	754.3	763.3	772.4	781.5	790.6	792.9	795.2	792.9
45°	740.6	767.9	795.2	822.4	833.8	845.1	854.2	865.6	867.9	870.1	867.9
47.5°	815.6	847.4	881.5	913.3	922.4	931.5	940.6	949.6	949.6	949.6	949.6
50°	895.1	936.0	979.2	1020.1	1024.6	1031.4	1036.0	1040.5	1042.8	1042.8	1042.8
52.5°	988.3	1036.0	1081.4	1129.1	1131.4	1135.9	1138.2	1140.5	1140.5	1138.2	1140.5
55°	1101.9	1151.8	1204.1	1254.1	1254.1	1256.3	1256.3	1256.3	1254.1	1249.5	1254.1
57.5°	1242.7	1292.7	1340.4	1390.4	1388.1	1385.8	1383.6	1381.3	1381.3	1379.0	1381.3
60°	1385.8	1435.8	1483.5	1531.2	1526.7	1519.9	1515.3	1508.5	1506.3	1501.7	1506.3
62.5°	1549.4	1590.3	1628.9	1667.6	1658.5	1649.4	1640.3	1631.2	1631.2	1631.2	1631.2
65°	1722.1	1753.9	1783.4	1813.0	1803.9	1797.1	1788.0	1778.9	1774.3	1769.8	1774.3
67.5°	1894.7	1917.5	1937.9	1960.6	1949.3	1937.9	1926.5	1915.2	1910.6	1903.8	1910.6
70°	2015.2	2037.9	2060.6	2083.3	2071.9	2060.6	2047.0	2035.6	2033.3	2031.1	2033.3
72.5°	2083.3	2110.6	2137.8	2165.1	2158.3	2149.2	2142.4	2133.3	2131.0	2126.5	2131.0
75°	2022.0	2044.7	2065.1	2085.6	2074.2	2062.9	2051.5	2040.1	2033.3	2024.2	2033.3
77.5°	1751.6	1753.9	1753.9	1753.9	1740.3	1726.6	1713.0	1699.4	1694.8	1688.0	1694.8
80°	1217.7	1170.0	1122.3	1074.6	1029.2	983.7	938.3	892.8	881.5	867.9	881.5
82.5°	383.9	343.1	304.4	263.5	245.4	224.9	206.7	186.3	179.5	170.4	179.5
85°	115.9	109.0	100.0	93.1	86.3	79.5	70.4	63.6	59.1	54.5	59.1
87.5°	11.4	11.4	9.1	6.8	6.8	6.8	6.8	6.8	6.8	4.5	6.8
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°	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9
2.5°	552.1	552.1	552.1	549.8	549.8	549.8	552.1	552.1	552.1	552.1	549.8
5°	540.7	540.7	538.4	538.4	536.2	531.6	527.1	520.3	515.7	506.6	495.3
7.5°	468.0	465.7	465.7	463.5	461.2	452.1	443.0	431.7	422.6	429.4	433.9
10°	406.7	395.3	383.9	370.3	359.0	356.7	354.4	349.9	347.6	352.1	354.4
12.5°	347.6	336.2	324.9	313.5	302.2	309.0	318.1	324.9	331.7	329.4	327.1
15°	388.5	372.6	356.7	338.5	322.6	313.5	304.4	295.3	286.3	286.3	286.3
17.5°	334.0	327.1	318.1	311.2	302.2	302.2	299.9	299.9	297.6	302.2	309.0
20°	395.3	377.1	361.2	343.1	324.9	313.5	302.2	290.8	279.4	286.3	293.1
22.5°	315.8	315.8	318.1	318.1	318.1	324.9	334.0	340.8	347.6	336.2	322.6
25°	438.5	427.1	413.5	402.1	388.5	370.3	349.9	331.7	311.2	322.6	334.0
27.5°	502.1	483.9	463.5	445.3	424.8	413.5	402.1	390.8	379.4	370.3	363.5
30°	602.0	588.4	574.8	561.2	547.5	520.3	490.7	463.5	433.9	422.6	413.5
32.5°	627.0	613.4	599.8	583.9	570.2	554.3	538.4	522.5	506.6	486.2	463.5
35°	654.3	640.7	629.3	615.7	602.0	583.9	568.0	549.8	531.6	515.7	497.5
37.5°	688.4	679.3	667.9	658.8	647.5	627.0	604.3	583.9	561.2	540.7	522.5
40°	733.8	724.7	717.9	708.8	699.7	677.0	654.3	631.6	608.9	583.9	558.9
42.5°	790.6	781.5	772.4	763.3	754.3	731.5	706.6	683.8	658.8	631.6	606.6
45°	865.6	854.2	845.1	833.8	822.4	795.2	767.9	740.6	713.4	686.1	658.8
47.5°	949.6	940.6	931.5	922.4	913.3	881.5	847.4	815.6	781.5	754.3	727.0
50°	1040.5	1036.0	1031.4	1024.6	1020.1	979.2	936.0	895.1	852.0	824.7	797.4
52.5°	1140.5	1138.2	1135.9	1131.4	1129.1	1081.4	1036.0	988.3	940.6	915.6	888.3
55°	1256.3	1256.3	1256.3	1254.1	1254.1	1204.1	1151.8	1101.9	1049.6	1024.6	999.6
57.5°	1381.3	1383.6	1385.8	1388.1	1390.4	1340.4	1292.7	1242.7	1192.7	1165.5	1140.5
60°	1508.5	1515.3	1519.9	1526.7	1531.2	1483.5	1435.8	1385.8	1338.1	1315.4	1290.4
62.5°	1631.2	1640.3	1649.4	1658.5	1667.6	1628.9	1590.3	1549.4	1510.8	1483.5	1458.5
65°	1778.9	1788.0	1797.1	1803.9	1813.0	1783.4	1753.9	1722.1	1692.5	1665.3	1638.0
67.5°	1915.2	1926.5	1937.9	1949.3	1960.6	1937.9	1917.5	1894.7	1872.0	1840.2	1810.7
70°	2035.6	2047.0	2060.6	2071.9	2083.3	2060.6	2037.9	2015.2	1992.4	1965.2	1937.9
72.5°	2133.3	2142.4	2149.2	2158.3	2165.1	2137.8	2110.6	2083.3	2056.0	2024.2	1994.7
75°	2040.1	2051.5	2062.9	2074.2	2085.6	2065.1	2044.7	2022.0	2001.5	1978.8	1956.1
77.5°	1699.4	1713.0	1726.6	1740.3	1753.9	1753.9	1753.9	1751.6	1751.6	1756.2	1758.4
80°	892.8	938.3	983.7	1029.2	1074.6	1122.3	1170.0	1217.7	1265.4	1306.3	1347.2
82.5°	186.3	206.7	224.9	245.4	263.5	304.4	343.1	383.9	422.6	515.7	608.9
85°	63.6	70.4	79.5	86.3	93.1	100.0	109.0	115.9	122.7	154.5	186.3
87.5°	6.8	6.8	6.8	6.8	6.8	9.1	11.4	11.4	13.6	15.9	18.2
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):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9
2.5°	549.8	547.5	547.5	545.2	545.2	543.0	540.7	538.4	536.2	533.9	531.6
5°	486.2	474.8	472.5	470.3	468.0	465.7	465.7	465.7	465.7	465.7	465.7
7.5°	440.7	445.3	447.6	449.8	449.8	452.1	452.1	454.4	454.4	454.4	452.1
10°	359.0	361.2	368.0	374.9	379.4	386.2	386.2	386.2	383.9	383.9	395.3
12.5°	324.9	322.6	327.1	331.7	336.2	340.8	356.7	372.6	386.2	402.1	411.2
15°	284.0	284.0	286.3	290.8	293.1	295.3	304.4	311.2	320.3	327.1	340.8
17.5°	313.5	318.1	306.7	295.3	281.7	270.4	293.1	315.8	338.5	361.2	372.6
20°	297.6	304.4	313.5	320.3	329.4	336.2	338.5	338.5	340.8	340.8	340.8
22.5°	311.2	297.6	309.0	322.6	334.0	345.3	340.8	336.2	331.7	327.1	347.6
25°	345.3	356.7	347.6	338.5	329.4	320.3	338.5	359.0	377.1	395.3	388.5
27.5°	354.4	345.3	356.7	368.0	379.4	390.8	383.9	379.4	372.6	365.8	379.4
30°	402.1	390.8	386.2	381.7	374.9	370.3	381.7	390.8	402.1	411.2	408.9
32.5°	443.0	420.3	420.3	420.3	418.0	418.0	418.0	420.3	420.3	420.3	436.2
35°	481.6	463.5	458.9	454.4	449.8	445.3	449.8	454.4	456.6	461.2	481.6
37.5°	502.1	481.6	481.6	481.6	481.6	481.6	483.9	488.5	490.7	493.0	515.7
40°	533.9	508.9	511.2	515.7	518.0	520.3	524.8	531.6	536.2	540.7	561.2
42.5°	579.3	552.1	554.3	558.9	561.2	563.4	572.5	579.3	588.4	595.2	617.9
45°	631.6	604.3	608.9	611.1	615.7	617.9	627.0	636.1	642.9	652.0	681.6
47.5°	697.5	670.2	677.0	681.6	688.4	692.9	699.7	704.3	711.1	715.6	747.4
50°	770.2	742.9	752.0	761.1	770.2	779.3	781.5	781.5	783.8	783.8	824.7
52.5°	863.3	836.0	845.1	856.5	865.6	874.7	879.2	883.8	886.0	890.6	931.5
55°	972.4	947.4	961.0	974.6	988.3	1001.9	1004.2	1006.4	1006.4	1008.7	1049.6
57.5°	1113.2	1086.0	1104.1	1124.6	1142.8	1160.9	1160.9	1158.7	1158.7	1156.4	1197.3
60°	1267.7	1242.7	1265.4	1290.4	1313.1	1335.9	1329.0	1322.2	1313.1	1306.3	1351.8
62.5°	1431.3	1404.0	1438.1	1472.2	1506.3	1540.3	1526.7	1515.3	1501.7	1488.1	1535.8
65°	1608.5	1581.2	1622.1	1663.0	1703.9	1744.8	1719.8	1694.8	1667.6	1642.6	1697.1
67.5°	1778.9	1747.1	1790.2	1831.1	1874.3	1915.2	1885.7	1856.1	1826.6	1797.1	1860.7
70°	1910.6	1883.4	1922.0	1960.6	1999.2	2037.9	2008.3	1978.8	1949.3	1919.7	1997.0
72.5°	1962.9	1931.1	1978.8	2028.8	2076.5	2124.2	2094.7	2065.1	2033.3	2003.8	2083.3
75°	1933.4	1910.6	1976.5	2040.1	2106.0	2169.6	2126.5	2083.3	2040.1	1997.0	2067.4
77.5°	1763.0	1765.2	1858.4	1949.3	2042.4	2133.3	2056.0	1978.8	1901.6	1824.3	1858.4
80°	1388.1	1429.0	1535.8	1642.6	1747.1	1853.8	1742.5	1633.5	1522.2	1410.8	1388.1
82.5°	699.7	792.9	911.0	1031.4	1149.6	1267.7	1156.4	1047.3	936.0	824.7	754.3
85°	218.1	249.9	297.6	345.3	393.0	440.7	383.9	327.1	270.4	213.6	190.8
87.5°	18.2	20.4	20.4	18.2	18.2	15.9	18.2	20.4	20.4	22.7	20.4
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°	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9	558.9
2.5°	529.3	524.8	522.5	515.7	508.9	502.1	495.3	495.3	497.5	497.5	497.5
5°	465.7	465.7	465.7	465.7	465.7	465.7	465.7	465.7	468.0	468.0	468.0
7.5°	449.8	447.6	445.3	443.0	443.0	440.7	438.5	431.7	422.6	415.8	406.7
10°	408.9	420.3	431.7	436.2	440.7	443.0	447.6	447.6	449.8	449.8	449.8
12.5°	422.6	431.7	440.7	438.5	436.2	433.9	431.7	422.6	411.2	402.1	390.8
15°	354.4	365.8	379.4	395.3	413.5	429.4	445.3	447.6	449.8	452.1	454.4
17.5°	386.2	397.6	408.9	413.5	420.3	424.8	429.4	420.3	408.9	399.8	388.5
20°	338.5	338.5	336.2	363.5	393.0	420.3	447.6	452.1	456.6	458.9	463.5
22.5°	365.8	386.2	404.4	402.1	399.8	397.6	395.3	395.3	395.3	393.0	393.0
25°	383.9	377.1	370.3	395.3	418.0	443.0	465.7	470.3	474.8	477.1	481.6
27.5°	395.3	408.9	422.6	418.0	413.5	406.7	402.1	404.4	408.9	411.2	413.5
30°	408.9	406.7	404.4	429.4	452.1	477.1	499.8	502.1	504.4	504.4	506.6
32.5°	449.8	465.7	479.4	490.7	504.4	515.7	527.1	547.5	570.2	590.7	611.1
35°	502.1	520.3	540.7	563.4	586.1	608.9	631.6	636.1	642.9	647.5	652.0
37.5°	536.2	558.9	579.3	604.3	629.3	652.0	677.0	681.6	683.8	688.4	690.6
40°	581.6	602.0	622.5	649.8	677.0	702.0	729.3	733.8	736.1	740.6	742.9
42.5°	638.4	661.1	681.6	708.8	733.8	761.1	786.1	788.3	792.9	795.2	797.4
45°	708.8	738.4	765.6	790.6	813.3	838.3	861.0	863.3	865.6	865.6	867.9
47.5°	779.3	808.8	840.6	865.6	890.6	913.3	938.3	942.8	945.1	949.6	951.9
50°	863.3	904.2	942.8	965.5	990.5	1013.3	1036.0	1038.2	1042.8	1045.1	1047.3
52.5°	970.1	1011.0	1049.6	1072.3	1097.3	1120.0	1142.8	1145.0	1145.0	1147.3	1147.3
55°	1090.5	1131.4	1172.3	1195.0	1217.7	1240.4	1263.2	1263.2	1263.2	1260.9	1260.9
57.5°	1238.2	1276.8	1317.7	1340.4	1363.1	1385.8	1408.6	1408.6	1408.6	1408.6	1408.6
60°	1399.5	1444.9	1490.3	1510.8	1531.2	1551.7	1572.1	1567.6	1560.8	1556.2	1549.4
62.5°	1581.2	1628.9	1674.4	1690.3	1703.9	1719.8	1733.4	1726.6	1717.5	1710.7	1701.6
65°	1751.6	1806.1	1860.7	1872.0	1883.4	1892.5	1903.8	1892.5	1881.1	1867.5	1856.1
67.5°	1924.3	1985.6	2049.2	2053.8	2058.3	2062.9	2067.4	2056.0	2044.7	2031.1	2019.7
70°	2074.2	2151.5	2228.7	2231.0	2233.3	2235.5	2237.8	2226.4	2215.1	2201.4	2190.1
72.5°	2160.6	2240.1	2317.3	2324.1	2328.7	2335.5	2340.0	2328.7	2319.6	2308.2	2296.9
75°	2135.6	2206.0	2274.1	2267.3	2260.5	2251.4	2244.6	2226.4	2208.3	2187.8	2169.6
77.5°	1892.5	1924.3	1958.4	1922.0	1883.4	1847.0	1808.4	1790.2	1769.8	1751.6	1731.2
80°	1365.4	1340.4	1317.7	1249.5	1181.4	1110.9	1042.8	997.4	951.9	906.5	861.0
82.5°	686.1	615.7	545.2	483.9	422.6	359.0	297.6	274.9	249.9	227.2	202.2
85°	170.4	147.7	125.0	115.9	106.8	97.7	88.6	77.2	68.2	56.8	45.4
87.5°	20.4	18.2	15.9	13.6	13.6	11.4	9.1	9.1	9.1	6.8	6.8
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):

	357.5°	360°
0°	558.9	558.9
2.5°	497.5	495.3
5°	468.0	468.0
7.5°	404.4	399.8
10°	449.8	449.8
12.5°	393.0	395.3
15°	454.4	454.4
17.5°	388.5	386.2
20°	463.5	463.5
22.5°	393.0	393.0
25°	481.6	479.4
27.5°	413.5	413.5
30°	506.6	506.6
32.5°	613.4	615.7
35°	654.3	654.3
37.5°	692.9	692.9
40°	742.9	740.6
42.5°	799.7	799.7
45°	870.1	870.1
47.5°	954.2	956.5
50°	1047.3	1047.3
52.5°	1147.3	1145.0
55°	1260.9	1260.9
57.5°	1401.7	1392.7
60°	1547.1	1544.9
62.5°	1699.4	1694.8
65°	1853.8	1849.3
67.5°	2017.4	2012.9
70°	2190.1	2187.8
72.5°	2290.0	2283.2
75°	2165.1	2160.6
77.5°	1713.0	1692.5
80°	849.7	838.3
82.5°	202.2	202.2
85°	43.2	40.9
87.5°	6.8	6.8
90°	0.0	0.0

(END OF REPORT)