

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: P560683

Luminaire Tested: **SDL-PA1-60-727-U-5WQ**

Issue Date: 7/26/2021

Test Information

Test Method: LM-79-08
Report Number: P560683
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-PA1-60-727-U-5WQ
Description: Springdale
(1) 70 CRI, 2700K, 800mA LIGHT ENGINE WITH 24 LEDS AND TYPE V WIDE OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6476.4 lumens
Efficiency: N/A
Efficacy: 103.8 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): 62.4
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

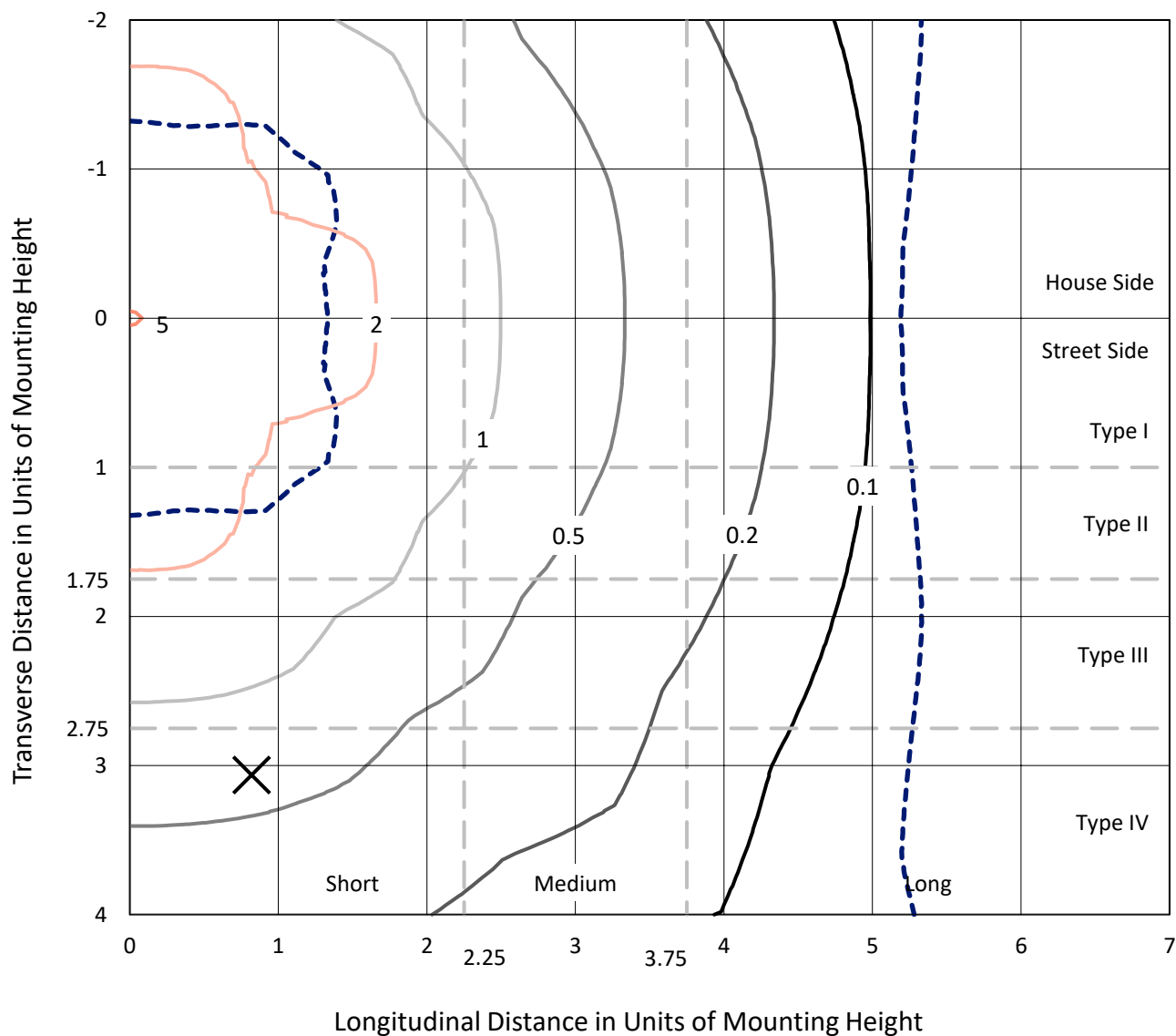


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

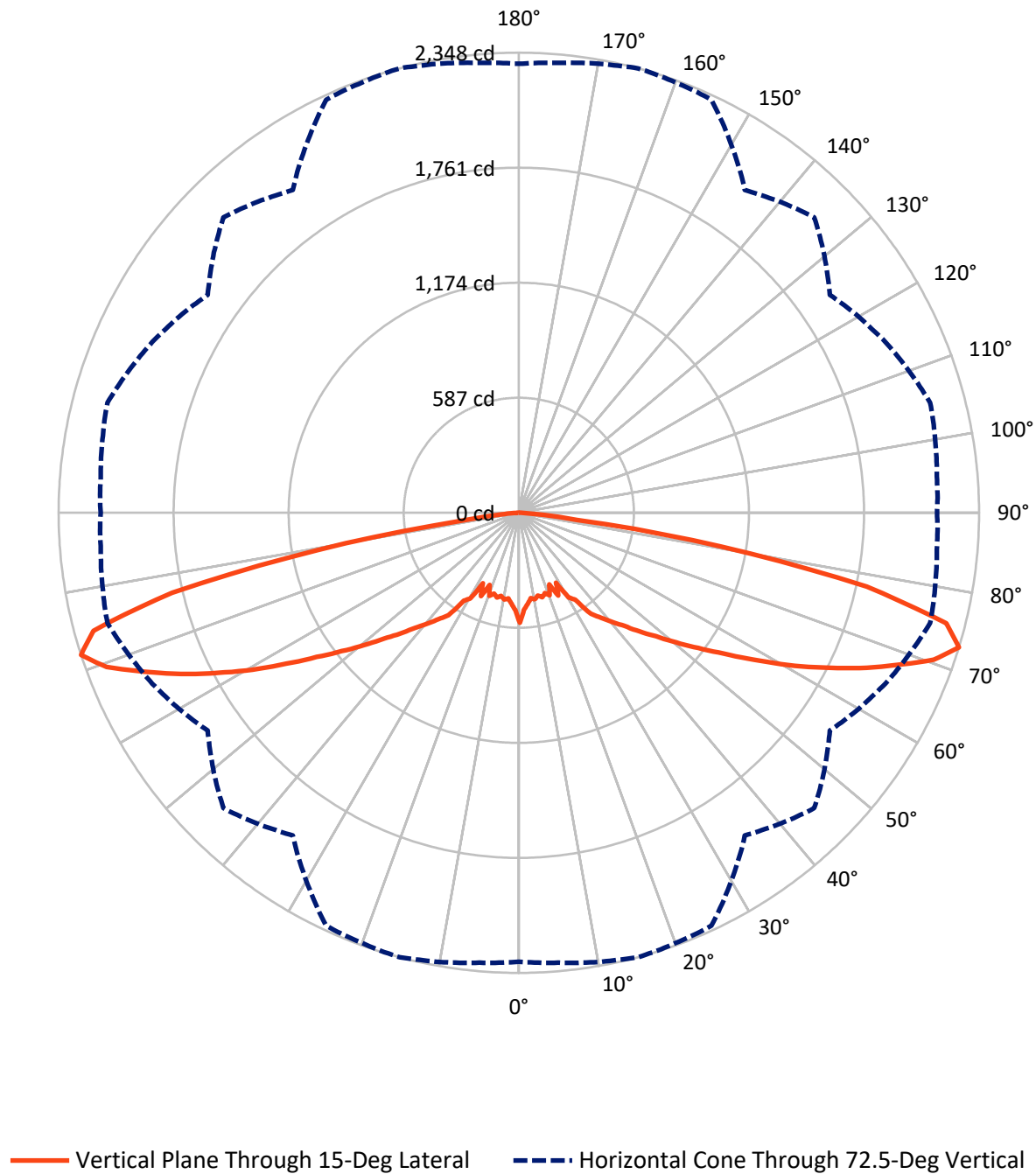


Based on 10 foot mounting height. Maximum calculated value = 5.6 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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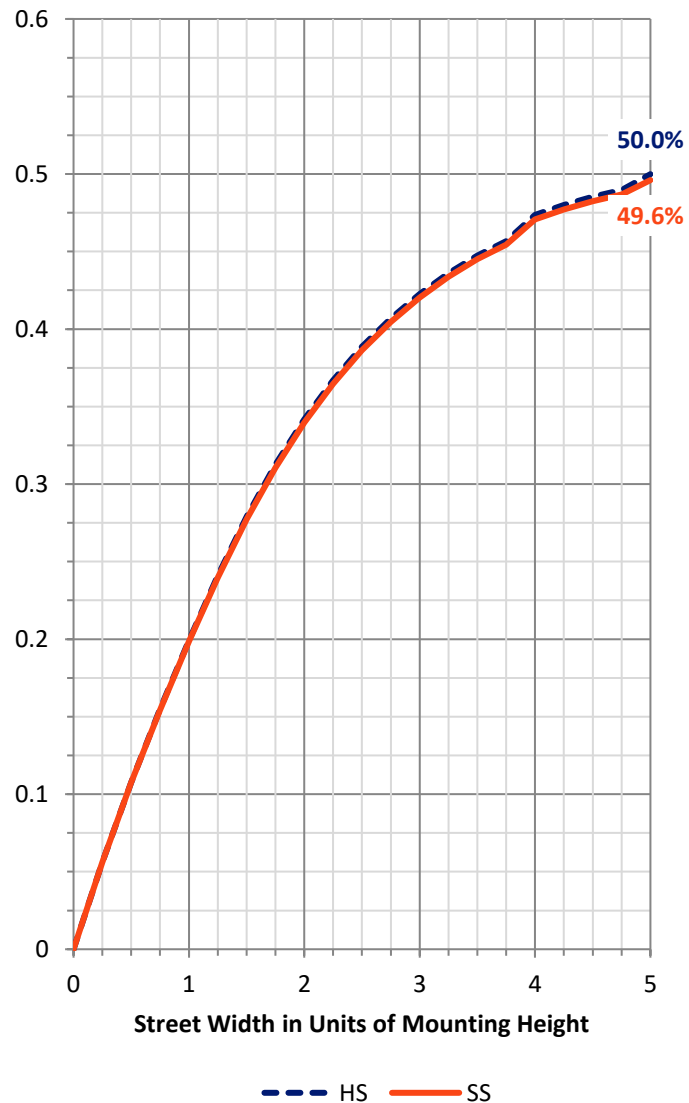
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3238.2	0.0	3238.2
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3238.2	0.0	3238.2
	% Fixture	50.0	0.0	50.0
Total	Lumens	6476.4	0.0	6476.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.0	0.7
10°-20°	102.2	1.6
20°-30°	182.4	2.8
30°-40°	348.9	5.4
40°-50°	594.3	9.2
50°-60°	1040.3	16.1
60°-70°	1755.4	27.1
70°-80°	2047.6	31.6
80°-90°	361.2	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°	6476.4	100.0
0°-180°	6476.4	100.0



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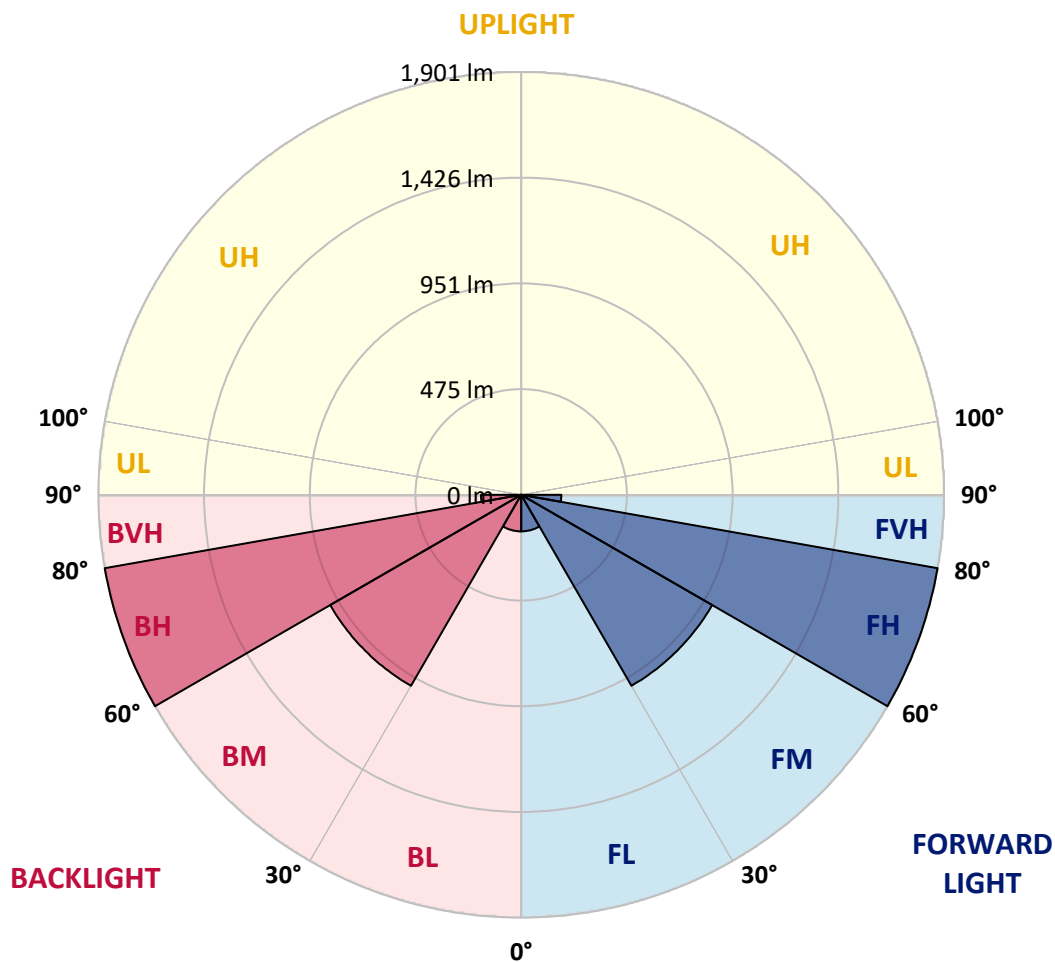
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	164.3	2.5			
FM	(30°-60°)	991.8	15.3			
FH	(60°-80°)	1901.5	29.4			G2/5000
FVH	(80°-90°)	180.6	2.8			G2/225
BL	(0°-30°)	164.3	2.5	B1/500		
BM	(30°-60°)	991.8	15.3	B1/1000		
BH	(60°-80°)	1901.5	29.4	B3/2500		G2/5000
BVH	(80°-90°)	180.6	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°	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7
2.5°	496.9	499.2	499.2	499.2	499.2	496.9	496.9	503.7	510.6	517.4	524.3
5°	469.6	469.6	469.6	469.6	469.6	467.3	467.3	467.3	467.3	467.3	467.3
7.5°	401.2	405.7	408.0	417.1	424.0	433.1	439.9	442.2	444.5	444.5	446.8
10°	451.3	451.3	451.3	451.3	451.3	449.0	449.0	444.5	442.2	437.6	433.1
12.5°	396.6	394.3	392.1	403.4	412.6	424.0	433.1	435.4	437.6	439.9	442.2
15°	455.9	455.9	455.9	453.6	451.3	449.0	446.8	430.8	414.8	396.6	380.7
17.5°	387.5	389.8	389.8	401.2	410.3	421.7	430.8	426.2	421.7	414.8	410.3
20°	465.0	465.0	465.0	460.4	458.2	453.6	449.0	421.7	394.3	364.7	337.3
22.5°	394.3	394.3	394.3	394.3	396.6	396.6	396.6	398.9	401.2	403.4	405.7
25°	480.9	483.2	483.2	478.7	476.4	471.8	467.3	444.5	419.4	396.6	371.5
27.5°	414.8	414.8	414.8	412.6	410.3	405.7	403.4	408.0	414.8	419.4	424.0
30°	508.3	508.3	508.3	506.0	506.0	503.7	501.5	478.7	453.6	430.8	405.7
32.5°	617.7	615.4	613.2	592.6	572.1	549.3	528.8	517.4	506.0	492.3	480.9
35°	656.5	656.5	654.2	649.6	645.1	638.2	633.7	610.9	588.1	565.3	542.5
37.5°	695.2	695.2	692.9	690.6	686.1	683.8	679.3	654.2	631.4	606.3	581.2
40°	743.1	745.4	745.4	743.1	738.5	736.2	731.7	704.3	679.3	651.9	624.5
42.5°	802.3	802.3	800.1	797.8	795.5	790.9	788.7	763.6	736.2	711.2	683.8
45°	873.0	873.0	870.7	868.4	868.4	866.2	863.9	841.1	816.0	793.2	768.1
47.5°	959.6	957.3	955.1	952.8	948.2	945.9	941.4	916.3	893.5	868.4	843.4
50°	1050.8	1050.8	1050.8	1048.5	1046.2	1041.7	1039.4	1016.6	993.8	968.7	945.9
52.5°	1148.8	1151.1	1151.1	1151.1	1148.8	1148.8	1146.5	1123.7	1100.9	1075.9	1053.1
55°	1265.1	1265.1	1265.1	1265.1	1267.3	1267.3	1267.3	1244.5	1221.7	1198.9	1176.2
57.5°	1397.3	1406.4	1413.2	1413.2	1413.2	1413.2	1413.2	1390.4	1367.6	1344.8	1322.0
60°	1550.0	1552.3	1554.5	1561.4	1565.9	1572.8	1577.3	1556.8	1536.3	1515.8	1495.3
62.5°	1700.4	1705.0	1707.2	1716.4	1723.2	1732.3	1739.2	1725.5	1709.5	1695.9	1679.9
65°	1855.4	1860.0	1862.2	1873.6	1887.3	1898.7	1910.1	1898.7	1889.6	1878.2	1866.8
67.5°	2019.5	2024.1	2026.4	2037.8	2051.4	2062.8	2074.2	2069.7	2065.1	2060.6	2056.0
70°	2195.0	2197.3	2197.3	2208.7	2222.4	2233.8	2245.2	2242.9	2240.6	2238.3	2236.1
72.5°	2290.8	2297.6	2304.4	2315.8	2327.2	2336.4	2347.8	2343.2	2336.4	2331.8	2325.0
75°	2167.7	2172.2	2176.8	2195.0	2215.5	2233.8	2252.0	2258.9	2268.0	2274.8	2281.7
77.5°	1698.1	1718.6	1736.9	1757.4	1775.6	1796.1	1814.4	1853.1	1889.6	1928.3	1964.8
80°	841.1	852.5	863.9	909.5	955.1	1000.6	1046.2	1114.6	1185.3	1253.7	1322.0
82.5°	202.9	202.9	202.9	227.9	250.7	275.8	298.6	360.1	424.0	485.5	547.0
85°	41.0	43.3	45.6	57.0	68.4	77.5	88.9	98.0	107.1	116.2	125.4
87.5°	6.8	6.8	6.8	6.8	9.1	9.1	9.1	11.4	13.7	13.7	16.0
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°	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7
2.5°	526.5	531.1	533.4	535.7	537.9	540.2	542.5	544.8	547.0	547.0	549.3
5°	467.3	467.3	467.3	467.3	467.3	467.3	467.3	467.3	469.6	471.8	474.1
7.5°	449.0	451.3	453.6	455.9	455.9	455.9	453.6	453.6	451.3	451.3	449.0
10°	421.7	410.3	396.6	385.2	385.2	387.5	387.5	387.5	380.7	376.1	369.3
12.5°	433.1	424.0	412.6	403.4	387.5	373.8	357.9	341.9	337.3	332.8	328.2
15°	367.0	355.6	341.9	328.2	321.4	312.3	305.4	296.3	294.0	291.8	287.2
17.5°	398.9	387.5	373.8	362.4	339.6	316.8	294.0	271.2	282.6	296.3	307.7
20°	339.6	339.6	341.9	341.9	341.9	339.6	339.6	337.3	330.5	321.4	314.6
22.5°	387.5	367.0	348.7	328.2	332.8	337.3	341.9	346.5	335.1	323.7	310.0
25°	378.4	385.2	389.8	396.6	378.4	360.1	339.6	321.4	330.5	339.6	348.7
27.5°	410.3	396.6	380.7	367.0	373.8	380.7	385.2	392.1	380.7	369.3	357.9
30°	408.0	410.3	410.3	412.6	403.4	392.1	382.9	371.5	376.1	382.9	387.5
32.5°	467.3	451.3	437.6	421.7	421.7	421.7	419.4	419.4	419.4	421.7	421.7
35°	522.0	503.7	483.2	462.7	458.2	455.9	451.3	446.8	451.3	455.9	460.4
37.5°	560.7	537.9	517.4	494.6	492.3	490.1	485.5	483.2	483.2	483.2	483.2
40°	604.0	583.5	563.0	542.5	537.9	533.4	526.5	522.0	519.7	517.4	512.9
42.5°	663.3	640.5	620.0	597.2	590.4	581.2	574.4	565.3	563.0	560.7	556.2
45°	740.8	711.2	683.8	654.2	645.1	638.2	629.1	620.0	617.7	613.2	610.9
47.5°	811.5	781.8	749.9	718.0	713.4	706.6	702.0	695.2	690.6	683.8	679.3
50°	907.2	866.2	827.4	786.4	786.4	784.1	784.1	781.8	772.7	763.6	754.5
52.5°	1014.3	973.3	934.5	893.5	889.0	886.7	882.1	877.6	868.4	859.3	847.9
55°	1135.1	1094.1	1053.1	1012.0	1009.8	1009.8	1007.5	1005.2	991.5	977.9	964.2
57.5°	1281.0	1242.3	1201.2	1160.2	1162.5	1162.5	1164.8	1164.8	1146.5	1128.3	1107.8
60°	1449.7	1404.1	1356.2	1310.6	1317.5	1326.6	1333.4	1340.3	1317.5	1294.7	1269.6
62.5°	1634.3	1586.4	1540.9	1493.0	1506.7	1520.3	1531.7	1545.4	1511.2	1477.0	1442.8
65°	1812.1	1757.4	1702.7	1648.0	1673.1	1700.4	1725.5	1750.6	1709.5	1668.5	1627.5
67.5°	1992.2	1930.6	1866.8	1803.0	1832.6	1862.2	1891.9	1921.5	1880.5	1837.2	1796.1
70°	2158.6	2081.1	2003.6	1926.1	1955.7	1985.3	2015.0	2044.6	2005.8	1967.1	1928.3
72.5°	2247.5	2167.7	2090.2	2010.4	2040.0	2071.9	2101.6	2131.2	2083.3	2035.5	1985.3
75°	2213.3	2142.6	2074.2	2003.6	2046.9	2090.2	2133.5	2176.8	2113.0	2046.9	1983.1
77.5°	1930.6	1898.7	1864.5	1830.3	1907.8	1985.3	2062.8	2140.3	2049.2	1955.7	1864.5
80°	1344.8	1369.9	1392.7	1415.5	1527.2	1638.9	1748.3	1860.0	1752.8	1648.0	1540.9
82.5°	617.7	688.4	756.8	827.4	939.1	1050.8	1160.2	1271.9	1153.4	1034.8	914.0
85°	148.2	171.0	191.5	214.3	271.2	328.2	385.2	442.2	394.3	346.5	298.6
87.5°	18.2	20.5	20.5	22.8	20.5	20.5	18.2	16.0	18.2	18.2	20.5
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°
0°	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7
2.5°	549.3	551.6	551.6	553.9	553.9	553.9	553.9	551.6	551.6	551.6	553.9
5°	476.4	487.8	496.9	508.3	517.4	522.0	528.8	533.4	537.9	540.2	540.2
7.5°	446.8	442.2	435.4	430.8	424.0	433.1	444.5	453.6	462.7	465.0	467.3
10°	362.4	360.1	355.6	353.3	348.7	351.0	355.6	357.9	360.1	371.5	385.2
12.5°	323.7	326.0	328.2	330.5	332.8	326.0	319.1	310.0	303.2	314.6	326.0
15°	284.9	284.9	287.2	287.2	287.2	296.3	305.4	314.6	323.7	339.6	357.9
17.5°	319.1	314.6	310.0	303.2	298.6	300.9	300.9	303.2	303.2	312.3	319.1
20°	305.4	298.6	294.0	287.2	280.4	291.8	303.2	314.6	326.0	344.2	362.4
22.5°	298.6	312.3	323.7	337.3	348.7	341.9	335.1	326.0	319.1	319.1	319.1
25°	357.9	346.5	335.1	323.7	312.3	332.8	351.0	371.5	389.8	403.4	414.8
27.5°	346.5	355.6	364.7	371.5	380.7	392.1	403.4	414.8	426.2	446.8	465.0
30°	392.1	403.4	414.8	424.0	435.4	465.0	492.3	522.0	549.3	563.0	576.7
32.5°	421.7	444.5	465.0	487.8	508.3	524.3	540.2	556.2	572.1	585.8	601.8
35°	465.0	483.2	499.2	517.4	533.4	551.6	569.8	585.8	604.0	617.7	631.4
37.5°	483.2	503.7	524.3	542.5	563.0	585.8	606.3	629.1	649.6	661.0	670.1
40°	510.6	535.7	560.7	585.8	610.9	633.7	656.5	679.3	702.0	711.2	720.3
42.5°	553.9	581.2	608.6	633.7	661.0	686.1	708.9	734.0	756.8	765.9	775.0
45°	606.3	633.7	661.0	688.4	715.7	743.1	770.4	797.8	825.1	836.5	847.9
47.5°	672.4	699.8	729.4	756.8	784.1	818.3	850.2	884.4	916.3	925.4	934.5
50°	745.4	772.7	800.1	827.4	854.8	898.1	939.1	982.4	1023.4	1028.0	1034.8
52.5°	838.8	866.2	891.2	918.6	943.7	991.5	1039.4	1085.0	1132.8	1135.1	1139.7
55°	950.5	975.6	1002.9	1028.0	1053.1	1105.5	1155.6	1208.1	1258.2	1258.2	1260.5
57.5°	1089.5	1116.9	1144.2	1169.3	1196.7	1246.8	1297.0	1344.8	1395.0	1392.7	1390.4
60°	1246.8	1271.9	1294.7	1319.8	1342.5	1390.4	1440.6	1488.4	1536.3	1531.7	1524.9
62.5°	1408.7	1436.0	1463.4	1488.4	1515.8	1554.5	1595.6	1634.3	1673.1	1663.9	1654.8
65°	1586.4	1613.8	1643.4	1670.8	1698.1	1727.8	1759.7	1789.3	1818.9	1809.8	1803.0
67.5°	1752.8	1784.7	1816.7	1846.3	1878.2	1901.0	1923.8	1944.3	1967.1	1955.7	1944.3
70°	1889.6	1917.0	1944.3	1971.7	1999.0	2021.8	2044.6	2067.4	2090.2	2078.8	2067.4
72.5°	1937.5	1969.4	2001.3	2030.9	2062.8	2090.2	2117.5	2144.9	2172.2	2165.4	2156.3
75°	1917.0	1939.7	1962.5	1985.3	2008.1	2028.6	2051.4	2071.9	2092.5	2081.1	2069.7
77.5°	1771.1	1768.8	1764.2	1762.0	1757.4	1757.4	1759.7	1759.7	1759.7	1746.0	1732.3
80°	1433.7	1392.7	1351.7	1310.6	1269.6	1221.7	1173.9	1126.0	1078.1	1032.6	987.0
82.5°	795.5	702.0	610.9	517.4	424.0	385.2	344.2	305.4	264.4	246.2	225.7
85°	250.7	218.8	186.9	155.0	123.1	116.2	109.4	100.3	93.5	86.6	79.8
87.5°	20.5	18.2	18.2	16.0	13.7	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°	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7
2.5°	553.9	553.9	553.9	553.9	553.9	553.9	553.9	553.9	551.6	551.6	551.6
5°	542.5	542.5	542.5	542.5	542.5	542.5	542.5	540.2	540.2	537.9	533.4
7.5°	467.3	469.6	469.6	467.3	469.6	469.6	467.3	467.3	465.0	462.7	453.6
10°	396.6	408.0	408.0	408.0	408.0	408.0	396.6	385.2	371.5	360.1	357.9
12.5°	337.3	348.7	348.7	348.7	348.7	348.7	337.3	326.0	314.6	303.2	310.0
15°	373.8	389.8	389.8	389.8	389.8	389.8	373.8	357.9	339.6	323.7	314.6
17.5°	328.2	335.1	337.3	337.3	337.3	335.1	328.2	319.1	312.3	303.2	303.2
20°	378.4	396.6	398.9	401.2	398.9	396.6	378.4	362.4	344.2	326.0	314.6
22.5°	316.8	316.8	319.1	319.1	319.1	316.8	316.8	319.1	319.1	319.1	326.0
25°	428.5	439.9	439.9	437.6	439.9	439.9	428.5	414.8	403.4	389.8	371.5
27.5°	485.5	503.7	508.3	510.6	508.3	503.7	485.5	465.0	446.8	426.2	414.8
30°	590.4	604.0	604.0	604.0	604.0	604.0	590.4	576.7	563.0	549.3	522.0
32.5°	615.4	629.1	629.1	629.1	629.1	629.1	615.4	601.8	585.8	572.1	556.2
35°	642.8	656.5	658.7	658.7	658.7	656.5	642.8	631.4	617.7	604.0	585.8
37.5°	681.5	690.6	692.9	695.2	692.9	690.6	681.5	670.1	661.0	649.6	629.1
40°	727.1	736.2	736.2	736.2	736.2	736.2	727.1	720.3	711.2	702.0	679.3
42.5°	784.1	793.2	795.5	797.8	795.5	793.2	784.1	775.0	765.9	756.8	734.0
45°	857.0	868.4	870.7	873.0	870.7	868.4	857.0	847.9	836.5	825.1	797.8
47.5°	943.7	952.8	952.8	952.8	952.8	952.8	943.7	934.5	925.4	916.3	884.4
50°	1039.4	1044.0	1046.2	1046.2	1046.2	1044.0	1039.4	1034.8	1028.0	1023.4	982.4
52.5°	1142.0	1144.2	1144.2	1142.0	1144.2	1144.2	1142.0	1139.7	1135.1	1132.8	1085.0
55°	1260.5	1260.5	1258.2	1253.7	1258.2	1260.5	1260.5	1260.5	1258.2	1258.2	1208.1
57.5°	1388.1	1385.9	1385.9	1383.6	1385.9	1385.9	1388.1	1390.4	1392.7	1395.0	1344.8
60°	1520.3	1513.5	1511.2	1506.7	1511.2	1513.5	1520.3	1524.9	1531.7	1536.3	1488.4
62.5°	1645.7	1636.6	1636.6	1636.6	1636.6	1636.6	1645.7	1654.8	1663.9	1673.1	1634.3
65°	1793.9	1784.7	1780.2	1775.6	1780.2	1784.7	1793.9	1803.0	1809.8	1818.9	1789.3
67.5°	1932.9	1921.5	1917.0	1910.1	1917.0	1921.5	1932.9	1944.3	1955.7	1967.1	1944.3
70°	2053.7	2042.3	2040.0	2037.8	2040.0	2042.3	2053.7	2067.4	2078.8	2090.2	2067.4
72.5°	2149.4	2140.3	2138.1	2133.5	2138.1	2140.3	2149.4	2156.3	2165.4	2172.2	2144.9
75°	2058.3	2046.9	2040.0	2030.9	2040.0	2046.9	2058.3	2069.7	2081.1	2092.5	2071.9
77.5°	1718.6	1705.0	1700.4	1693.6	1700.4	1705.0	1718.6	1732.3	1746.0	1759.7	1759.7
80°	941.4	895.8	884.4	870.7	884.4	895.8	941.4	987.0	1032.6	1078.1	1126.0
82.5°	207.4	186.9	180.1	171.0	180.1	186.9	207.4	225.7	246.2	264.4	305.4
85°	70.7	63.8	59.3	54.7	59.3	63.8	70.7	79.8	86.6	93.5	100.3
87.5°	6.8	6.8	6.8	4.6	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-PA1-60-727-U-5WQ

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7
2.5°	553.9	553.9	553.9	553.9	551.6	551.6	549.3	549.3	547.0	547.0	544.8
5°	528.8	522.0	517.4	508.3	496.9	487.8	476.4	474.1	471.8	469.6	467.3
7.5°	444.5	433.1	424.0	430.8	435.4	442.2	446.8	449.0	451.3	451.3	453.6
10°	355.6	351.0	348.7	353.3	355.6	360.1	362.4	369.3	376.1	380.7	387.5
12.5°	319.1	326.0	332.8	330.5	328.2	326.0	323.7	328.2	332.8	337.3	341.9
15°	305.4	296.3	287.2	287.2	287.2	284.9	284.9	287.2	291.8	294.0	296.3
17.5°	300.9	300.9	298.6	303.2	310.0	314.6	319.1	307.7	296.3	282.6	271.2
20°	303.2	291.8	280.4	287.2	294.0	298.6	305.4	314.6	321.4	330.5	337.3
22.5°	335.1	341.9	348.7	337.3	323.7	312.3	298.6	310.0	323.7	335.1	346.5
25°	351.0	332.8	312.3	323.7	335.1	346.5	357.9	348.7	339.6	330.5	321.4
27.5°	403.4	392.1	380.7	371.5	364.7	355.6	346.5	357.9	369.3	380.7	392.1
30°	492.3	465.0	435.4	424.0	414.8	403.4	392.1	387.5	382.9	376.1	371.5
32.5°	540.2	524.3	508.3	487.8	465.0	444.5	421.7	421.7	421.7	419.4	419.4
35°	569.8	551.6	533.4	517.4	499.2	483.2	465.0	460.4	455.9	451.3	446.8
37.5°	606.3	585.8	563.0	542.5	524.3	503.7	483.2	483.2	483.2	483.2	483.2
40°	656.5	633.7	610.9	585.8	560.7	535.7	510.6	512.9	517.4	519.7	522.0
42.5°	708.9	686.1	661.0	633.7	608.6	581.2	553.9	556.2	560.7	563.0	565.3
45°	770.4	743.1	715.7	688.4	661.0	633.7	606.3	610.9	613.2	617.7	620.0
47.5°	850.2	818.3	784.1	756.8	729.4	699.8	672.4	679.3	683.8	690.6	695.2
50°	939.1	898.1	854.8	827.4	800.1	772.7	745.4	754.5	763.6	772.7	781.8
52.5°	1039.4	991.5	943.7	918.6	891.2	866.2	838.8	847.9	859.3	868.4	877.6
55°	1155.6	1105.5	1053.1	1028.0	1002.9	975.6	950.5	964.2	977.9	991.5	1005.2
57.5°	1297.0	1246.8	1196.7	1169.3	1144.2	1116.9	1089.5	1107.8	1128.3	1146.5	1164.8
60°	1440.6	1390.4	1342.5	1319.8	1294.7	1271.9	1246.8	1269.6	1294.7	1317.5	1340.3
62.5°	1595.6	1554.5	1515.8	1488.4	1463.4	1436.0	1408.7	1442.8	1477.0	1511.2	1545.4
65°	1759.7	1727.8	1698.1	1670.8	1643.4	1613.8	1586.4	1627.5	1668.5	1709.5	1750.6
67.5°	1923.8	1901.0	1878.2	1846.3	1816.7	1784.7	1752.8	1796.1	1837.2	1880.5	1921.5
70°	2044.6	2021.8	1999.0	1971.7	1944.3	1917.0	1889.6	1928.3	1967.1	2005.8	2044.6
72.5°	2117.5	2090.2	2062.8	2030.9	2001.3	1969.4	1937.5	1985.3	2035.5	2083.3	2131.2
75°	2051.4	2028.6	2008.1	1985.3	1962.5	1939.7	1917.0	1983.1	2046.9	2113.0	2176.8
77.5°	1759.7	1757.4	1757.4	1762.0	1764.2	1768.8	1771.1	1864.5	1955.7	2049.2	2140.3
80°	1173.9	1221.7	1269.6	1310.6	1351.7	1392.7	1433.7	1540.9	1648.0	1752.8	1860.0
82.5°	344.2	385.2	424.0	517.4	610.9	702.0	795.5	914.0	1034.8	1153.4	1271.9
85°	109.4	116.2	123.1	155.0	186.9	218.8	250.7	298.6	346.5	394.3	442.2
87.5°	11.4	11.4	13.7	16.0	18.2	18.2	20.5	20.5	18.2	18.2	16.0
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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CATALOG NUMBER: SDL-PA1-60-727-U-5WQ

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7
2.5°	542.5	540.2	537.9	535.7	533.4	531.1	526.5	524.3	517.4	510.6	503.7
5°	467.3	467.3	467.3	467.3	467.3	467.3	467.3	467.3	467.3	467.3	467.3
7.5°	453.6	455.9	455.9	455.9	453.6	451.3	449.0	446.8	444.5	444.5	442.2
10°	387.5	387.5	385.2	385.2	396.6	410.3	421.7	433.1	437.6	442.2	444.5
12.5°	357.9	373.8	387.5	403.4	412.6	424.0	433.1	442.2	439.9	437.6	435.4
15°	305.4	312.3	321.4	328.2	341.9	355.6	367.0	380.7	396.6	414.8	430.8
17.5°	294.0	316.8	339.6	362.4	373.8	387.5	398.9	410.3	414.8	421.7	426.2
20°	339.6	339.6	341.9	341.9	341.9	339.6	339.6	337.3	364.7	394.3	421.7
22.5°	341.9	337.3	332.8	328.2	348.7	367.0	387.5	405.7	403.4	401.2	398.9
25°	339.6	360.1	378.4	396.6	389.8	385.2	378.4	371.5	396.6	419.4	444.5
27.5°	385.2	380.7	373.8	367.0	380.7	396.6	410.3	424.0	419.4	414.8	408.0
30°	382.9	392.1	403.4	412.6	410.3	410.3	408.0	405.7	430.8	453.6	478.7
32.5°	419.4	421.7	421.7	421.7	437.6	451.3	467.3	480.9	492.3	506.0	517.4
35°	451.3	455.9	458.2	462.7	483.2	503.7	522.0	542.5	565.3	588.1	610.9
37.5°	485.5	490.1	492.3	494.6	517.4	537.9	560.7	581.2	606.3	631.4	654.2
40°	526.5	533.4	537.9	542.5	563.0	583.5	604.0	624.5	651.9	679.3	704.3
42.5°	574.4	581.2	590.4	597.2	620.0	640.5	663.3	683.8	711.2	736.2	763.6
45°	629.1	638.2	645.1	654.2	683.8	711.2	740.8	768.1	793.2	816.0	841.1
47.5°	702.0	706.6	713.4	718.0	749.9	781.8	811.5	843.4	868.4	893.5	916.3
50°	784.1	784.1	786.4	786.4	827.4	866.2	907.2	945.9	968.7	993.8	1016.6
52.5°	882.1	886.7	889.0	893.5	934.5	973.3	1014.3	1053.1	1075.9	1100.9	1123.7
55°	1007.5	1009.8	1009.8	1012.0	1053.1	1094.1	1135.1	1176.2	1198.9	1221.7	1244.5
57.5°	1164.8	1162.5	1162.5	1160.2	1201.2	1242.3	1281.0	1322.0	1344.8	1367.6	1390.4
60°	1333.4	1326.6	1317.5	1310.6	1356.2	1404.1	1449.7	1495.3	1515.8	1536.3	1556.8
62.5°	1531.7	1520.3	1506.7	1493.0	1540.9	1586.4	1634.3	1679.9	1695.9	1709.5	1725.5
65°	1725.5	1700.4	1673.1	1648.0	1702.7	1757.4	1812.1	1866.8	1878.2	1889.6	1898.7
67.5°	1891.9	1862.2	1832.6	1803.0	1866.8	1930.6	1992.2	2056.0	2060.6	2065.1	2069.7
70°	2015.0	1985.3	1955.7	1926.1	2003.6	2081.1	2158.6	2236.1	2238.3	2240.6	2242.9
72.5°	2101.6	2071.9	2040.0	2010.4	2090.2	2167.7	2247.5	2325.0	2331.8	2336.4	2343.2
75°	2133.5	2090.2	2046.9	2003.6	2074.2	2142.6	2213.3	2281.7	2274.8	2268.0	2258.9
77.5°	2062.8	1985.3	1907.8	1830.3	1864.5	1898.7	1930.6	1964.8	1928.3	1889.6	1853.1
80°	1748.3	1638.9	1527.2	1415.5	1392.7	1369.9	1344.8	1322.0	1253.7	1185.3	1114.6
82.5°	1160.2	1050.8	939.1	827.4	756.8	688.4	617.7	547.0	485.5	424.0	360.1
85°	385.2	328.2	271.2	214.3	191.5	171.0	148.2	125.4	116.2	107.1	98.0
87.5°	18.2	20.5	20.5	22.8	20.5	20.5	18.2	16.0	13.7	13.7	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-PA1-60-727-U-5WQ

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7
2.5°	496.9	496.9	499.2	499.2	499.2	499.2	496.9	499.2	499.2	499.2	499.2
5°	467.3	467.3	469.6	469.6	469.6	469.6	469.6	469.6	469.6	469.6	469.6
7.5°	439.9	433.1	424.0	417.1	408.0	405.7	401.2	405.7	408.0	417.1	424.0
10°	449.0	449.0	451.3	451.3	451.3	451.3	451.3	451.3	451.3	451.3	451.3
12.5°	433.1	424.0	412.6	403.4	392.1	394.3	396.6	394.3	392.1	403.4	412.6
15°	446.8	449.0	451.3	453.6	455.9	455.9	455.9	455.9	455.9	453.6	451.3
17.5°	430.8	421.7	410.3	401.2	389.8	389.8	387.5	389.8	389.8	401.2	410.3
20°	449.0	453.6	458.2	460.4	465.0	465.0	465.0	465.0	465.0	460.4	458.2
22.5°	396.6	396.6	396.6	394.3	394.3	394.3	394.3	394.3	394.3	394.3	396.6
25°	467.3	471.8	476.4	478.7	483.2	483.2	480.9	483.2	483.2	478.7	476.4
27.5°	403.4	405.7	410.3	412.6	414.8	414.8	414.8	414.8	414.8	412.6	410.3
30°	501.5	503.7	506.0	506.0	508.3	508.3	508.3	508.3	508.3	506.0	506.0
32.5°	528.8	549.3	572.1	592.6	613.2	615.4	617.7	615.4	613.2	592.6	572.1
35°	633.7	638.2	645.1	649.6	654.2	656.5	656.5	656.5	654.2	649.6	645.1
37.5°	679.3	683.8	686.1	690.6	692.9	695.2	695.2	695.2	692.9	690.6	686.1
40°	731.7	736.2	738.5	743.1	745.4	745.4	743.1	745.4	745.4	743.1	738.5
42.5°	788.7	790.9	795.5	797.8	800.1	802.3	802.3	802.3	800.1	797.8	795.5
45°	863.9	866.2	868.4	868.4	870.7	873.0	873.0	873.0	870.7	868.4	868.4
47.5°	941.4	945.9	948.2	952.8	955.1	957.3	959.6	957.3	955.1	952.8	948.2
50°	1039.4	1041.7	1046.2	1048.5	1050.8	1050.8	1050.8	1050.8	1050.8	1048.5	1046.2
52.5°	1146.5	1148.8	1148.8	1151.1	1151.1	1151.1	1148.8	1151.1	1151.1	1151.1	1148.8
55°	1267.3	1267.3	1267.3	1265.1	1265.1	1265.1	1265.1	1265.1	1265.1	1265.1	1267.3
57.5°	1413.2	1413.2	1413.2	1413.2	1413.2	1406.4	1397.3	1406.4	1413.2	1413.2	1413.2
60°	1577.3	1572.8	1565.9	1561.4	1554.5	1552.3	1550.0	1552.3	1554.5	1561.4	1565.9
62.5°	1739.2	1732.3	1723.2	1716.4	1707.2	1705.0	1700.4	1705.0	1707.2	1716.4	1723.2
65°	1910.1	1898.7	1887.3	1873.6	1862.2	1860.0	1855.4	1860.0	1862.2	1873.6	1887.3
67.5°	2074.2	2062.8	2051.4	2037.8	2026.4	2024.1	2019.5	2024.1	2026.4	2037.8	2051.4
70°	2245.2	2233.8	2222.4	2208.7	2197.3	2197.3	2195.0	2197.3	2197.3	2208.7	2222.4
72.5°	2347.8	2336.4	2327.2	2315.8	2304.4	2297.6	2290.8	2297.6	2304.4	2315.8	2327.2
75°	2252.0	2233.8	2215.5	2195.0	2176.8	2172.2	2167.7	2172.2	2176.8	2195.0	2215.5
77.5°	1814.4	1796.1	1775.6	1757.4	1736.9	1718.6	1698.1	1718.6	1736.9	1757.4	1775.6
80°	1046.2	1000.6	955.1	909.5	863.9	852.5	841.1	852.5	863.9	909.5	955.1
82.5°	298.6	275.8	250.7	227.9	202.9	202.9	202.9	202.9	202.9	227.9	250.7
85°	88.9	77.5	68.4	57.0	45.6	43.3	41.0	43.3	45.6	57.0	68.4
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: P560683

CATALOG NUMBER: SDL-PA1-60-727-U-5WQ

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7
2.5°	496.9	496.9	503.7	510.6	517.4	524.3	526.5	531.1	533.4	535.7	537.9
5°	467.3	467.3	467.3	467.3	467.3	467.3	467.3	467.3	467.3	467.3	467.3
7.5°	433.1	439.9	442.2	444.5	444.5	446.8	449.0	451.3	453.6	455.9	455.9
10°	449.0	449.0	444.5	442.2	437.6	433.1	421.7	410.3	396.6	385.2	385.2
12.5°	424.0	433.1	435.4	437.6	439.9	442.2	433.1	424.0	412.6	403.4	387.5
15°	449.0	446.8	430.8	414.8	396.6	380.7	367.0	355.6	341.9	328.2	321.4
17.5°	421.7	430.8	426.2	421.7	414.8	410.3	398.9	387.5	373.8	362.4	339.6
20°	453.6	449.0	421.7	394.3	364.7	337.3	339.6	339.6	341.9	341.9	341.9
22.5°	396.6	396.6	398.9	401.2	403.4	405.7	387.5	367.0	348.7	328.2	332.8
25°	471.8	467.3	444.5	419.4	396.6	371.5	378.4	385.2	389.8	396.6	378.4
27.5°	405.7	403.4	408.0	414.8	419.4	424.0	410.3	396.6	380.7	367.0	373.8
30°	503.7	501.5	478.7	453.6	430.8	405.7	408.0	410.3	410.3	412.6	403.4
32.5°	549.3	528.8	517.4	506.0	492.3	480.9	467.3	451.3	437.6	421.7	421.7
35°	638.2	633.7	610.9	588.1	565.3	542.5	522.0	503.7	483.2	462.7	458.2
37.5°	683.8	679.3	654.2	631.4	606.3	581.2	560.7	537.9	517.4	494.6	492.3
40°	736.2	731.7	704.3	679.3	651.9	624.5	604.0	583.5	563.0	542.5	537.9
42.5°	790.9	788.7	763.6	736.2	711.2	683.8	663.3	640.5	620.0	597.2	590.4
45°	866.2	863.9	841.1	816.0	793.2	768.1	740.8	711.2	683.8	654.2	645.1
47.5°	945.9	941.4	916.3	893.5	868.4	843.4	811.5	781.8	749.9	718.0	713.4
50°	1041.7	1039.4	1016.6	993.8	968.7	945.9	907.2	866.2	827.4	786.4	786.4
52.5°	1148.8	1146.5	1123.7	1100.9	1075.9	1053.1	1014.3	973.3	934.5	893.5	889.0
55°	1267.3	1267.3	1244.5	1221.7	1198.9	1176.2	1135.1	1094.1	1053.1	1012.0	1009.8
57.5°	1413.2	1413.2	1390.4	1367.6	1344.8	1322.0	1281.0	1242.3	1201.2	1160.2	1162.5
60°	1572.8	1577.3	1556.8	1536.3	1515.8	1495.3	1449.7	1404.1	1356.2	1310.6	1317.5
62.5°	1732.3	1739.2	1725.5	1709.5	1695.9	1679.9	1634.3	1586.4	1540.9	1493.0	1506.7
65°	1898.7	1910.1	1898.7	1889.6	1878.2	1866.8	1812.1	1757.4	1702.7	1648.0	1673.1
67.5°	2062.8	2074.2	2069.7	2065.1	2060.6	2056.0	1992.2	1930.6	1866.8	1803.0	1832.6
70°	2233.8	2245.2	2242.9	2240.6	2238.3	2236.1	2158.6	2081.1	2003.6	1926.1	1955.7
72.5°	2336.4	2347.8	2343.2	2336.4	2331.8	2325.0	2247.5	2167.7	2090.2	2010.4	2040.0
75°	2233.8	2252.0	2258.9	2268.0	2274.8	2281.7	2213.3	2142.6	2074.2	2003.6	2046.9
77.5°	1796.1	1814.4	1853.1	1889.6	1928.3	1964.8	1930.6	1898.7	1864.5	1830.3	1907.8
80°	1000.6	1046.2	1114.6	1185.3	1253.7	1322.0	1344.8	1369.9	1392.7	1415.5	1527.2
82.5°	275.8	298.6	360.1	424.0	485.5	547.0	617.7	688.4	756.8	827.4	939.1
85°	77.5	88.9	98.0	107.1	116.2	125.4	148.2	171.0	191.5	214.3	271.2
87.5°	9.1	9.1	11.4	13.7	13.7	16.0	18.2	20.5	20.5	22.8	20.5
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):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7
2.5°	540.2	542.5	544.8	547.0	547.0	549.3	549.3	551.6	551.6	553.9	553.9
5°	467.3	467.3	467.3	469.6	471.8	474.1	476.4	487.8	496.9	508.3	517.4
7.5°	455.9	453.6	453.6	451.3	451.3	449.0	446.8	442.2	435.4	430.8	424.0
10°	387.5	387.5	387.5	380.7	376.1	369.3	362.4	360.1	355.6	353.3	348.7
12.5°	373.8	357.9	341.9	337.3	332.8	328.2	323.7	326.0	328.2	330.5	332.8
15°	312.3	305.4	296.3	294.0	291.8	287.2	284.9	284.9	287.2	287.2	287.2
17.5°	316.8	294.0	271.2	282.6	296.3	307.7	319.1	314.6	310.0	303.2	298.6
20°	339.6	339.6	337.3	330.5	321.4	314.6	305.4	298.6	294.0	287.2	280.4
22.5°	337.3	341.9	346.5	335.1	323.7	310.0	298.6	312.3	323.7	337.3	348.7
25°	360.1	339.6	321.4	330.5	339.6	348.7	357.9	346.5	335.1	323.7	312.3
27.5°	380.7	385.2	392.1	380.7	369.3	357.9	346.5	355.6	364.7	371.5	380.7
30°	392.1	382.9	371.5	376.1	382.9	387.5	392.1	403.4	414.8	424.0	435.4
32.5°	421.7	419.4	419.4	419.4	421.7	421.7	421.7	444.5	465.0	487.8	508.3
35°	455.9	451.3	446.8	451.3	455.9	460.4	465.0	483.2	499.2	517.4	533.4
37.5°	490.1	485.5	483.2	483.2	483.2	483.2	483.2	503.7	524.3	542.5	563.0
40°	533.4	526.5	522.0	519.7	517.4	512.9	510.6	535.7	560.7	585.8	610.9
42.5°	581.2	574.4	565.3	563.0	560.7	556.2	553.9	581.2	608.6	633.7	661.0
45°	638.2	629.1	620.0	617.7	613.2	610.9	606.3	633.7	661.0	688.4	715.7
47.5°	706.6	702.0	695.2	690.6	683.8	679.3	672.4	699.8	729.4	756.8	784.1
50°	784.1	784.1	781.8	772.7	763.6	754.5	745.4	772.7	800.1	827.4	854.8
52.5°	886.7	882.1	877.6	868.4	859.3	847.9	838.8	866.2	891.2	918.6	943.7
55°	1009.8	1007.5	1005.2	991.5	977.9	964.2	950.5	975.6	1002.9	1028.0	1053.1
57.5°	1162.5	1164.8	1164.8	1146.5	1128.3	1107.8	1089.5	1116.9	1144.2	1169.3	1196.7
60°	1326.6	1333.4	1340.3	1317.5	1294.7	1269.6	1246.8	1271.9	1294.7	1319.8	1342.5
62.5°	1520.3	1531.7	1545.4	1511.2	1477.0	1442.8	1408.7	1436.0	1463.4	1488.4	1515.8
65°	1700.4	1725.5	1750.6	1709.5	1668.5	1627.5	1586.4	1613.8	1643.4	1670.8	1698.1
67.5°	1862.2	1891.9	1921.5	1880.5	1837.2	1796.1	1752.8	1784.7	1816.7	1846.3	1878.2
70°	1985.3	2015.0	2044.6	2005.8	1967.1	1928.3	1889.6	1917.0	1944.3	1971.7	1999.0
72.5°	2071.9	2101.6	2131.2	2083.3	2035.5	1985.3	1937.5	1969.4	2001.3	2030.9	2062.8
75°	2090.2	2133.5	2176.8	2113.0	2046.9	1983.1	1917.0	1939.7	1962.5	1985.3	2008.1
77.5°	1985.3	2062.8	2140.3	2049.2	1955.7	1864.5	1771.1	1768.8	1764.2	1762.0	1757.4
80°	1638.9	1748.3	1860.0	1752.8	1648.0	1540.9	1433.7	1392.7	1351.7	1310.6	1269.6
82.5°	1050.8	1160.2	1271.9	1153.4	1034.8	914.0	795.5	702.0	610.9	517.4	424.0
85°	328.2	385.2	442.2	394.3	346.5	298.6	250.7	218.8	186.9	155.0	123.1
87.5°	20.5	18.2	16.0	18.2	18.2	20.5	20.5	18.2	18.2	16.0	13.7
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°	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7
2.5°	553.9	553.9	551.6	551.6	551.6	553.9	553.9	553.9	553.9	553.9	553.9
5°	522.0	528.8	533.4	537.9	540.2	540.2	542.5	542.5	542.5	542.5	542.5
7.5°	433.1	444.5	453.6	462.7	465.0	467.3	467.3	469.6	469.6	467.3	469.6
10°	351.0	355.6	357.9	360.1	371.5	385.2	396.6	408.0	408.0	408.0	408.0
12.5°	326.0	319.1	310.0	303.2	314.6	326.0	337.3	348.7	348.7	348.7	348.7
15°	296.3	305.4	314.6	323.7	339.6	357.9	373.8	389.8	389.8	389.8	389.8
17.5°	300.9	300.9	303.2	303.2	312.3	319.1	328.2	335.1	337.3	337.3	337.3
20°	291.8	303.2	314.6	326.0	344.2	362.4	378.4	396.6	398.9	401.2	398.9
22.5°	341.9	335.1	326.0	319.1	319.1	319.1	316.8	316.8	319.1	319.1	319.1
25°	332.8	351.0	371.5	389.8	403.4	414.8	428.5	439.9	439.9	437.6	439.9
27.5°	392.1	403.4	414.8	426.2	446.8	465.0	485.5	503.7	508.3	510.6	508.3
30°	465.0	492.3	522.0	549.3	563.0	576.7	590.4	604.0	604.0	604.0	604.0
32.5°	524.3	540.2	556.2	572.1	585.8	601.8	615.4	629.1	629.1	629.1	629.1
35°	551.6	569.8	585.8	604.0	617.7	631.4	642.8	656.5	658.7	658.7	658.7
37.5°	585.8	606.3	629.1	649.6	661.0	670.1	681.5	690.6	692.9	695.2	692.9
40°	633.7	656.5	679.3	702.0	711.2	720.3	727.1	736.2	736.2	736.2	736.2
42.5°	686.1	708.9	734.0	756.8	765.9	775.0	784.1	793.2	795.5	797.8	795.5
45°	743.1	770.4	797.8	825.1	836.5	847.9	857.0	868.4	870.7	873.0	870.7
47.5°	818.3	850.2	884.4	916.3	925.4	934.5	943.7	952.8	952.8	952.8	952.8
50°	898.1	939.1	982.4	1023.4	1028.0	1034.8	1039.4	1044.0	1046.2	1046.2	1046.2
52.5°	991.5	1039.4	1085.0	1132.8	1135.1	1139.7	1142.0	1144.2	1144.2	1142.0	1144.2
55°	1105.5	1155.6	1208.1	1258.2	1258.2	1260.5	1260.5	1260.5	1258.2	1253.7	1258.2
57.5°	1246.8	1297.0	1344.8	1395.0	1392.7	1390.4	1388.1	1385.9	1385.9	1383.6	1385.9
60°	1390.4	1440.6	1488.4	1536.3	1531.7	1524.9	1520.3	1513.5	1511.2	1506.7	1511.2
62.5°	1554.5	1595.6	1634.3	1673.1	1663.9	1654.8	1645.7	1636.6	1636.6	1636.6	1636.6
65°	1727.8	1759.7	1789.3	1818.9	1809.8	1803.0	1793.9	1784.7	1780.2	1775.6	1780.2
67.5°	1901.0	1923.8	1944.3	1967.1	1955.7	1944.3	1932.9	1921.5	1917.0	1910.1	1917.0
70°	2021.8	2044.6	2067.4	2090.2	2078.8	2067.4	2053.7	2042.3	2040.0	2037.8	2040.0
72.5°	2090.2	2117.5	2144.9	2172.2	2165.4	2156.3	2149.4	2140.3	2138.1	2133.5	2138.1
75°	2028.6	2051.4	2071.9	2092.5	2081.1	2069.7	2058.3	2046.9	2040.0	2030.9	2040.0
77.5°	1757.4	1759.7	1759.7	1759.7	1746.0	1732.3	1718.6	1705.0	1700.4	1693.6	1700.4
80°	1221.7	1173.9	1126.0	1078.1	1032.6	987.0	941.4	895.8	884.4	870.7	884.4
82.5°	385.2	344.2	305.4	264.4	246.2	225.7	207.4	186.9	180.1	171.0	180.1
85°	116.2	109.4	100.3	93.5	86.6	79.8	70.7	63.8	59.3	54.7	59.3
87.5°	11.4	11.4	9.1	6.8	6.8	6.8	6.8	6.8	6.8	4.6	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°	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7
2.5°	553.9	553.9	553.9	551.6	551.6	551.6	553.9	553.9	553.9	553.9	551.6
5°	542.5	542.5	540.2	540.2	537.9	533.4	528.8	522.0	517.4	508.3	496.9
7.5°	469.6	467.3	467.3	465.0	462.7	453.6	444.5	433.1	424.0	430.8	435.4
10°	408.0	396.6	385.2	371.5	360.1	357.9	355.6	351.0	348.7	353.3	355.6
12.5°	348.7	337.3	326.0	314.6	303.2	310.0	319.1	326.0	332.8	330.5	328.2
15°	389.8	373.8	357.9	339.6	323.7	314.6	305.4	296.3	287.2	287.2	287.2
17.5°	335.1	328.2	319.1	312.3	303.2	303.2	300.9	300.9	298.6	303.2	310.0
20°	396.6	378.4	362.4	344.2	326.0	314.6	303.2	291.8	280.4	287.2	294.0
22.5°	316.8	316.8	319.1	319.1	319.1	326.0	335.1	341.9	348.7	337.3	323.7
25°	439.9	428.5	414.8	403.4	389.8	371.5	351.0	332.8	312.3	323.7	335.1
27.5°	503.7	485.5	465.0	446.8	426.2	414.8	403.4	392.1	380.7	371.5	364.7
30°	604.0	590.4	576.7	563.0	549.3	522.0	492.3	465.0	435.4	424.0	414.8
32.5°	629.1	615.4	601.8	585.8	572.1	556.2	540.2	524.3	508.3	487.8	465.0
35°	656.5	642.8	631.4	617.7	604.0	585.8	569.8	551.6	533.4	517.4	499.2
37.5°	690.6	681.5	670.1	661.0	649.6	629.1	606.3	585.8	563.0	542.5	524.3
40°	736.2	727.1	720.3	711.2	702.0	679.3	656.5	633.7	610.9	585.8	560.7
42.5°	793.2	784.1	775.0	765.9	756.8	734.0	708.9	686.1	661.0	633.7	608.6
45°	868.4	857.0	847.9	836.5	825.1	797.8	770.4	743.1	715.7	688.4	661.0
47.5°	952.8	943.7	934.5	925.4	916.3	884.4	850.2	818.3	784.1	756.8	729.4
50°	1044.0	1039.4	1034.8	1028.0	1023.4	982.4	939.1	898.1	854.8	827.4	800.1
52.5°	1144.2	1142.0	1139.7	1135.1	1132.8	1085.0	1039.4	991.5	943.7	918.6	891.2
55°	1260.5	1260.5	1260.5	1258.2	1258.2	1208.1	1155.6	1105.5	1053.1	1028.0	1002.9
57.5°	1385.9	1388.1	1390.4	1392.7	1395.0	1344.8	1297.0	1246.8	1196.7	1169.3	1144.2
60°	1513.5	1520.3	1524.9	1531.7	1536.3	1488.4	1440.6	1390.4	1342.5	1319.8	1294.7
62.5°	1636.6	1645.7	1654.8	1663.9	1673.1	1634.3	1595.6	1554.5	1515.8	1488.4	1463.4
65°	1784.7	1793.9	1803.0	1809.8	1818.9	1789.3	1759.7	1727.8	1698.1	1670.8	1643.4
67.5°	1921.5	1932.9	1944.3	1955.7	1967.1	1944.3	1923.8	1901.0	1878.2	1846.3	1816.7
70°	2042.3	2053.7	2067.4	2078.8	2090.2	2067.4	2044.6	2021.8	1999.0	1971.7	1944.3
72.5°	2140.3	2149.4	2156.3	2165.4	2172.2	2144.9	2117.5	2090.2	2062.8	2030.9	2001.3
75°	2046.9	2058.3	2069.7	2081.1	2092.5	2071.9	2051.4	2028.6	2008.1	1985.3	1962.5
77.5°	1705.0	1718.6	1732.3	1746.0	1759.7	1759.7	1759.7	1757.4	1757.4	1762.0	1764.2
80°	895.8	941.4	987.0	1032.6	1078.1	1126.0	1173.9	1221.7	1269.6	1310.6	1351.7
82.5°	186.9	207.4	225.7	246.2	264.4	305.4	344.2	385.2	424.0	517.4	610.9
85°	63.8	70.7	79.8	86.6	93.5	100.3	109.4	116.2	123.1	155.0	186.9
87.5°	6.8	6.8	6.8	6.8	6.8	9.1	11.4	11.4	13.7	16.0	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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CATALOG NUMBER: SDL-PA1-60-727-U-5WQ

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7
2.5°	551.6	549.3	549.3	547.0	547.0	544.8	542.5	540.2	537.9	535.7	533.4
5°	487.8	476.4	474.1	471.8	469.6	467.3	467.3	467.3	467.3	467.3	467.3
7.5°	442.2	446.8	449.0	451.3	451.3	453.6	453.6	455.9	455.9	455.9	453.6
10°	360.1	362.4	369.3	376.1	380.7	387.5	387.5	387.5	385.2	385.2	396.6
12.5°	326.0	323.7	328.2	332.8	337.3	341.9	357.9	373.8	387.5	403.4	412.6
15°	284.9	284.9	287.2	291.8	294.0	296.3	305.4	312.3	321.4	328.2	341.9
17.5°	314.6	319.1	307.7	296.3	282.6	271.2	294.0	316.8	339.6	362.4	373.8
20°	298.6	305.4	314.6	321.4	330.5	337.3	339.6	339.6	341.9	341.9	341.9
22.5°	312.3	298.6	310.0	323.7	335.1	346.5	341.9	337.3	332.8	328.2	348.7
25°	346.5	357.9	348.7	339.6	330.5	321.4	339.6	360.1	378.4	396.6	389.8
27.5°	355.6	346.5	357.9	369.3	380.7	392.1	385.2	380.7	373.8	367.0	380.7
30°	403.4	392.1	387.5	382.9	376.1	371.5	382.9	392.1	403.4	412.6	410.3
32.5°	444.5	421.7	421.7	421.7	419.4	419.4	419.4	421.7	421.7	421.7	437.6
35°	483.2	465.0	460.4	455.9	451.3	446.8	451.3	455.9	458.2	462.7	483.2
37.5°	503.7	483.2	483.2	483.2	483.2	483.2	485.5	490.1	492.3	494.6	517.4
40°	535.7	510.6	512.9	517.4	519.7	522.0	526.5	533.4	537.9	542.5	563.0
42.5°	581.2	553.9	556.2	560.7	563.0	565.3	574.4	581.2	590.4	597.2	620.0
45°	633.7	606.3	610.9	613.2	617.7	620.0	629.1	638.2	645.1	654.2	683.8
47.5°	699.8	672.4	679.3	683.8	690.6	695.2	702.0	706.6	713.4	718.0	749.9
50°	772.7	745.4	754.5	763.6	772.7	781.8	784.1	784.1	786.4	786.4	827.4
52.5°	866.2	838.8	847.9	859.3	868.4	877.6	882.1	886.7	889.0	893.5	934.5
55°	975.6	950.5	964.2	977.9	991.5	1005.2	1007.5	1009.8	1009.8	1012.0	1053.1
57.5°	1116.9	1089.5	1107.8	1128.3	1146.5	1164.8	1164.8	1162.5	1162.5	1160.2	1201.2
60°	1271.9	1246.8	1269.6	1294.7	1317.5	1340.3	1333.4	1326.6	1317.5	1310.6	1356.2
62.5°	1436.0	1408.7	1442.8	1477.0	1511.2	1545.4	1531.7	1520.3	1506.7	1493.0	1540.9
65°	1613.8	1586.4	1627.5	1668.5	1709.5	1750.6	1725.5	1700.4	1673.1	1648.0	1702.7
67.5°	1784.7	1752.8	1796.1	1837.2	1880.5	1921.5	1891.9	1862.2	1832.6	1803.0	1866.8
70°	1917.0	1889.6	1928.3	1967.1	2005.8	2044.6	2015.0	1985.3	1955.7	1926.1	2003.6
72.5°	1969.4	1937.5	1985.3	2035.5	2083.3	2131.2	2101.6	2071.9	2040.0	2010.4	2090.2
75°	1939.7	1917.0	1983.1	2046.9	2113.0	2176.8	2133.5	2090.2	2046.9	2003.6	2074.2
77.5°	1768.8	1771.1	1864.5	1955.7	2049.2	2140.3	2062.8	1985.3	1907.8	1830.3	1864.5
80°	1392.7	1433.7	1540.9	1648.0	1752.8	1860.0	1748.3	1638.9	1527.2	1415.5	1392.7
82.5°	702.0	795.5	914.0	1034.8	1153.4	1271.9	1160.2	1050.8	939.1	827.4	756.8
85°	218.8	250.7	298.6	346.5	394.3	442.2	385.2	328.2	271.2	214.3	191.5
87.5°	18.2	20.5	20.5	18.2	18.2	16.0	18.2	20.5	20.5	22.8	20.5
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):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7
2.5°	531.1	526.5	524.3	517.4	510.6	503.7	496.9	496.9	499.2	499.2	499.2
5°	467.3	467.3	467.3	467.3	467.3	467.3	467.3	467.3	469.6	469.6	469.6
7.5°	451.3	449.0	446.8	444.5	444.5	442.2	439.9	433.1	424.0	417.1	408.0
10°	410.3	421.7	433.1	437.6	442.2	444.5	449.0	449.0	451.3	451.3	451.3
12.5°	424.0	433.1	442.2	439.9	437.6	435.4	433.1	424.0	412.6	403.4	392.1
15°	355.6	367.0	380.7	396.6	414.8	430.8	446.8	449.0	451.3	453.6	455.9
17.5°	387.5	398.9	410.3	414.8	421.7	426.2	430.8	421.7	410.3	401.2	389.8
20°	339.6	339.6	337.3	364.7	394.3	421.7	449.0	453.6	458.2	460.4	465.0
22.5°	367.0	387.5	405.7	403.4	401.2	398.9	396.6	396.6	396.6	394.3	394.3
25°	385.2	378.4	371.5	396.6	419.4	444.5	467.3	471.8	476.4	478.7	483.2
27.5°	396.6	410.3	424.0	419.4	414.8	408.0	403.4	405.7	410.3	412.6	414.8
30°	410.3	408.0	405.7	430.8	453.6	478.7	501.5	503.7	506.0	506.0	508.3
32.5°	451.3	467.3	480.9	492.3	506.0	517.4	528.8	549.3	572.1	592.6	613.2
35°	503.7	522.0	542.5	565.3	588.1	610.9	633.7	638.2	645.1	649.6	654.2
37.5°	537.9	560.7	581.2	606.3	631.4	654.2	679.3	683.8	686.1	690.6	692.9
40°	583.5	604.0	624.5	651.9	679.3	704.3	731.7	736.2	738.5	743.1	745.4
42.5°	640.5	663.3	683.8	711.2	736.2	763.6	788.7	790.9	795.5	797.8	800.1
45°	711.2	740.8	768.1	793.2	816.0	841.1	863.9	866.2	868.4	868.4	870.7
47.5°	781.8	811.5	843.4	868.4	893.5	916.3	941.4	945.9	948.2	952.8	955.1
50°	866.2	907.2	945.9	968.7	993.8	1016.6	1039.4	1041.7	1046.2	1048.5	1050.8
52.5°	973.3	1014.3	1053.1	1075.9	1100.9	1123.7	1146.5	1148.8	1148.8	1151.1	1151.1
55°	1094.1	1135.1	1176.2	1198.9	1221.7	1244.5	1267.3	1267.3	1267.3	1265.1	1265.1
57.5°	1242.3	1281.0	1322.0	1344.8	1367.6	1390.4	1413.2	1413.2	1413.2	1413.2	1413.2
60°	1404.1	1449.7	1495.3	1515.8	1536.3	1556.8	1577.3	1572.8	1565.9	1561.4	1554.5
62.5°	1586.4	1634.3	1679.9	1695.9	1709.5	1725.5	1739.2	1732.3	1723.2	1716.4	1707.2
65°	1757.4	1812.1	1866.8	1878.2	1889.6	1898.7	1910.1	1898.7	1887.3	1873.6	1862.2
67.5°	1930.6	1992.2	2056.0	2060.6	2065.1	2069.7	2074.2	2062.8	2051.4	2037.8	2026.4
70°	2081.1	2158.6	2236.1	2238.3	2240.6	2242.9	2245.2	2233.8	2222.4	2208.7	2197.3
72.5°	2167.7	2247.5	2325.0	2331.8	2336.4	2343.2	2347.8	2336.4	2327.2	2315.8	2304.4
75°	2142.6	2213.3	2281.7	2274.8	2268.0	2258.9	2252.0	2233.8	2215.5	2195.0	2176.8
77.5°	1898.7	1930.6	1964.8	1928.3	1889.6	1853.1	1814.4	1796.1	1775.6	1757.4	1736.9
80°	1369.9	1344.8	1322.0	1253.7	1185.3	1114.6	1046.2	1000.6	955.1	909.5	863.9
82.5°	688.4	617.7	547.0	485.5	424.0	360.1	298.6	275.8	250.7	227.9	202.9
85°	171.0	148.2	125.4	116.2	107.1	98.0	88.9	77.5	68.4	57.0	45.6
87.5°	20.5	18.2	16.0	13.7	13.7	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°	560.7	560.7
2.5°	499.2	496.9
5°	469.6	469.6
7.5°	405.7	401.2
10°	451.3	451.3
12.5°	394.3	396.6
15°	455.9	455.9
17.5°	389.8	387.5
20°	465.0	465.0
22.5°	394.3	394.3
25°	483.2	480.9
27.5°	414.8	414.8
30°	508.3	508.3
32.5°	615.4	617.7
35°	656.5	656.5
37.5°	695.2	695.2
40°	745.4	743.1
42.5°	802.3	802.3
45°	873.0	873.0
47.5°	957.3	959.6
50°	1050.8	1050.8
52.5°	1151.1	1148.8
55°	1265.1	1265.1
57.5°	1406.4	1397.3
60°	1552.3	1550.0
62.5°	1705.0	1700.4
65°	1860.0	1855.4
67.5°	2024.1	2019.5
70°	2197.3	2195.0
72.5°	2297.6	2290.8
75°	2172.2	2167.7
77.5°	1718.6	1698.1
80°	852.5	841.1
82.5°	202.9	202.9
85°	43.3	41.0
87.5°	6.8	6.8
90°	0.0	0.0

(END OF REPORT)