

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: P560294

Luminaire Tested: **SDL-PA1-30-830-U-T2R-HSS**

Issue Date: 7/26/2021

Test Information

Test Method: LM-79-08
Report Number: P560294
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-PA1-30-830-U-T2R-HSS
Description: Springdale
(1) 80 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: 2460.2 lumens
Efficiency: N/A
Efficacy: 81.7 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

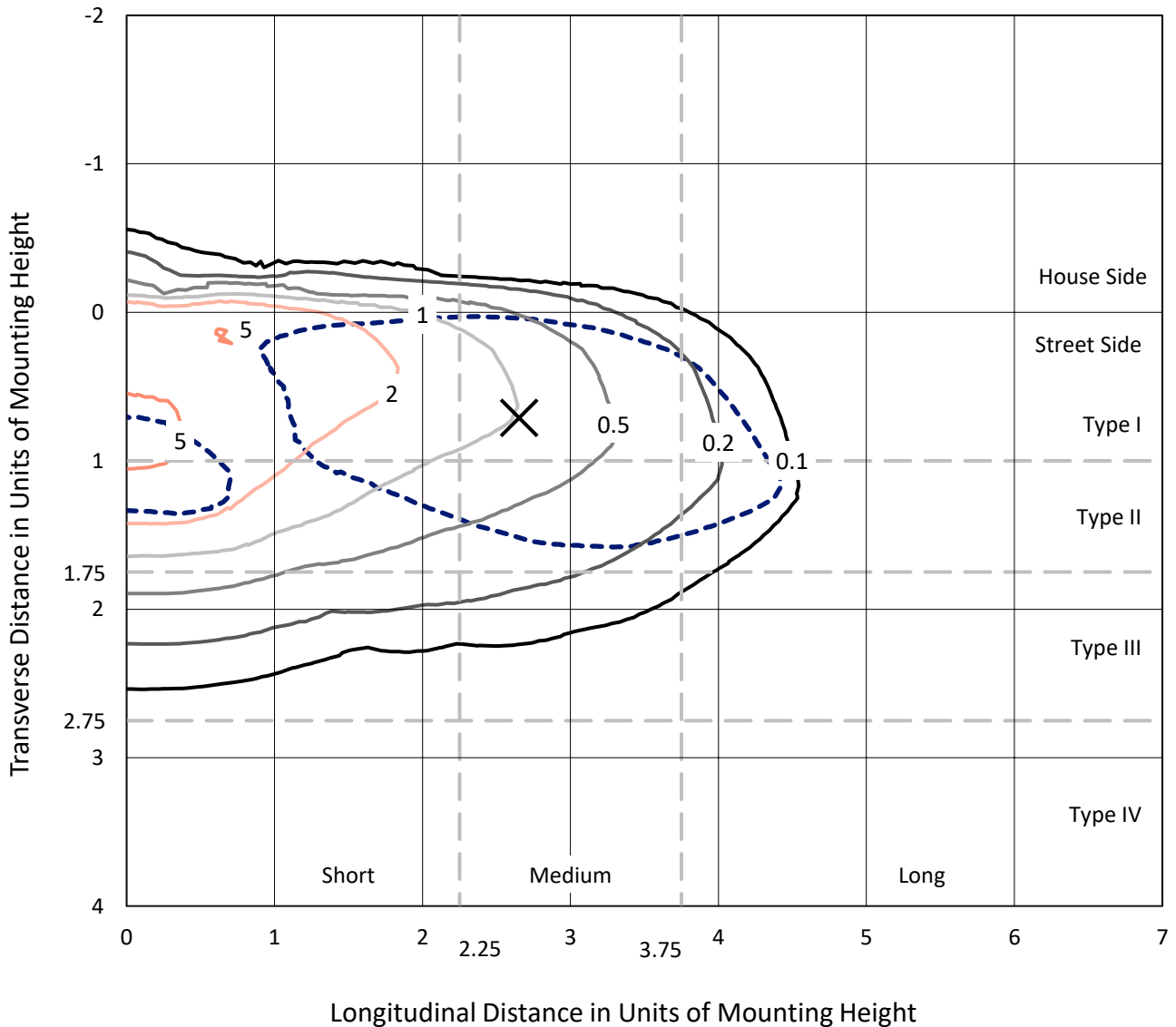
Input Watts (W): 30.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

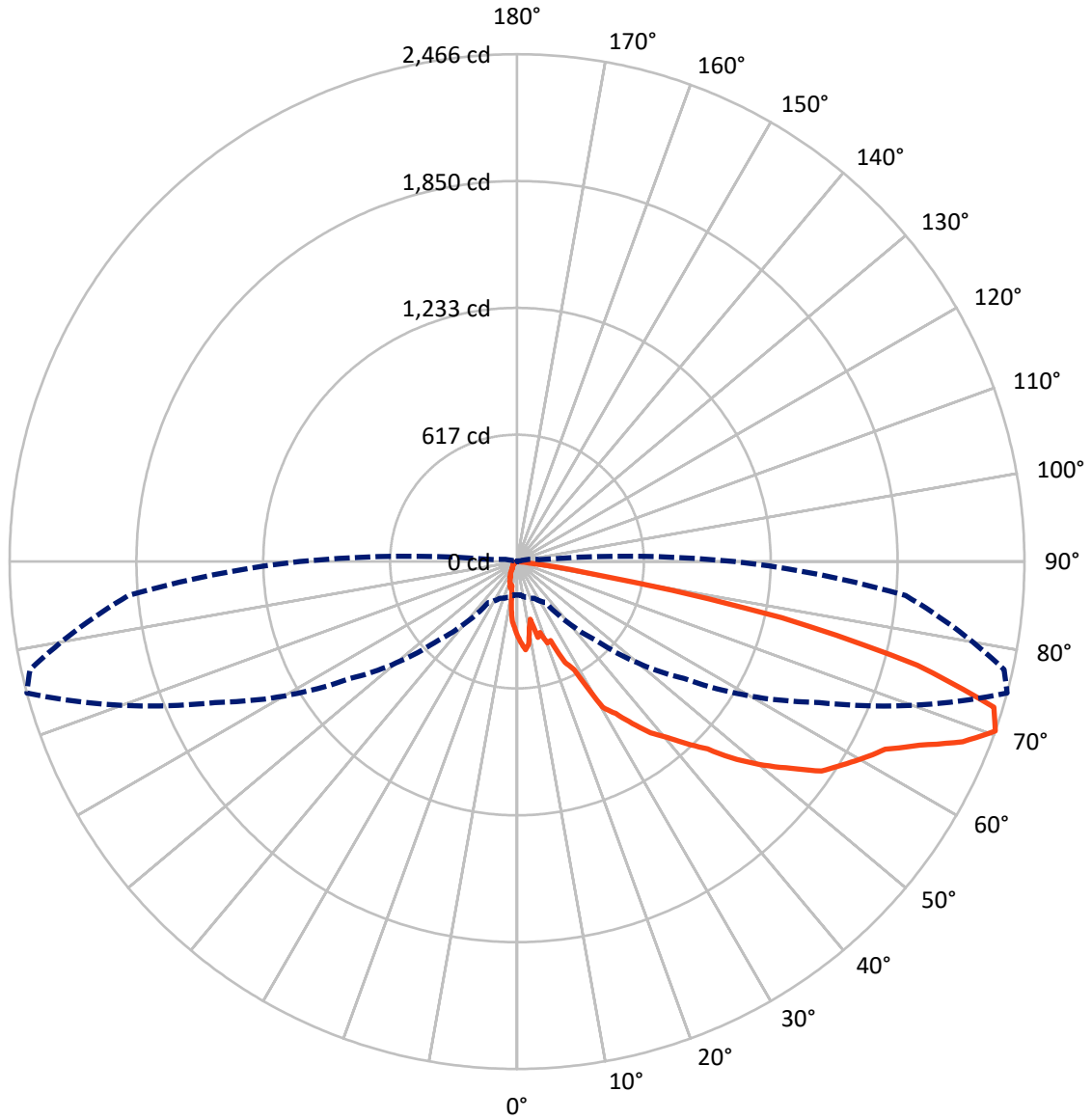
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 6.7 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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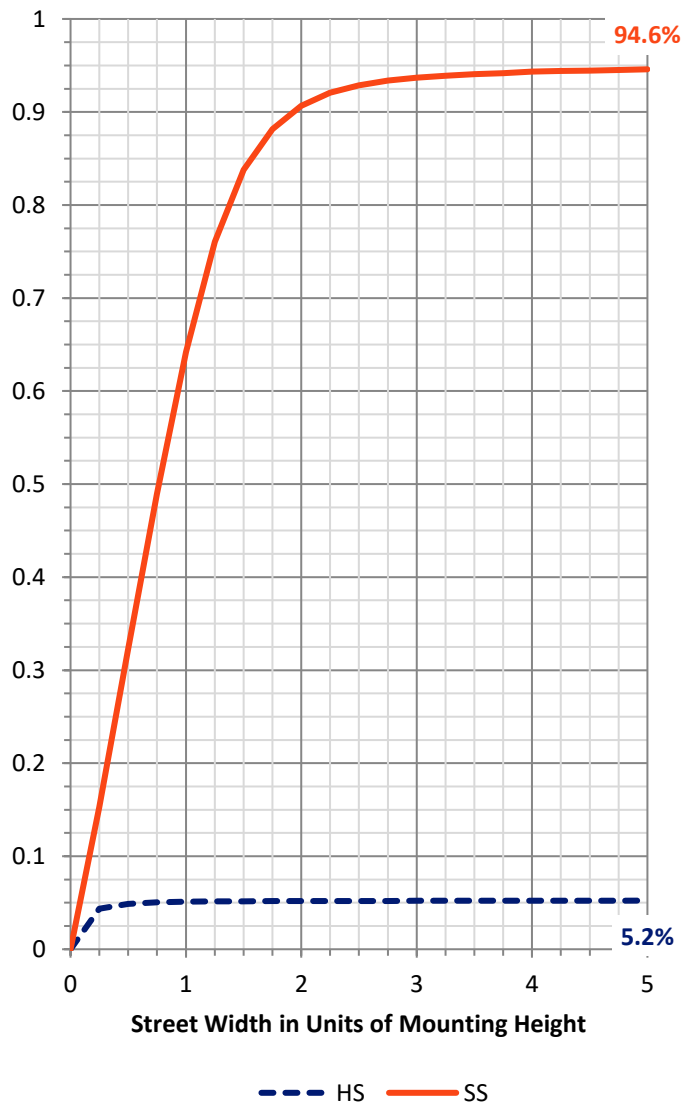
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	130.0	0.0	130.0
	% Fixture	5.3	0.0	5.3
Street Side	Lumens	2330.3	0.0	2330.3
	% Fixture	94.7	0.0	94.7
Total	Lumens	2460.2	0.0	2460.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.5	1.2
10°-20°	71.0	2.9
20°-30°	134.9	5.5
30°-40°	299.9	12.2
40°-50°	483.4	19.7
50°-60°	582.7	23.7
60°-70°	528.1	21.5
70°-80°	314.7	12.8
80°-90°	17.0	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°	2460.2	100.0
0°-180°	2460.2	100.0

Coefficient of Utilization



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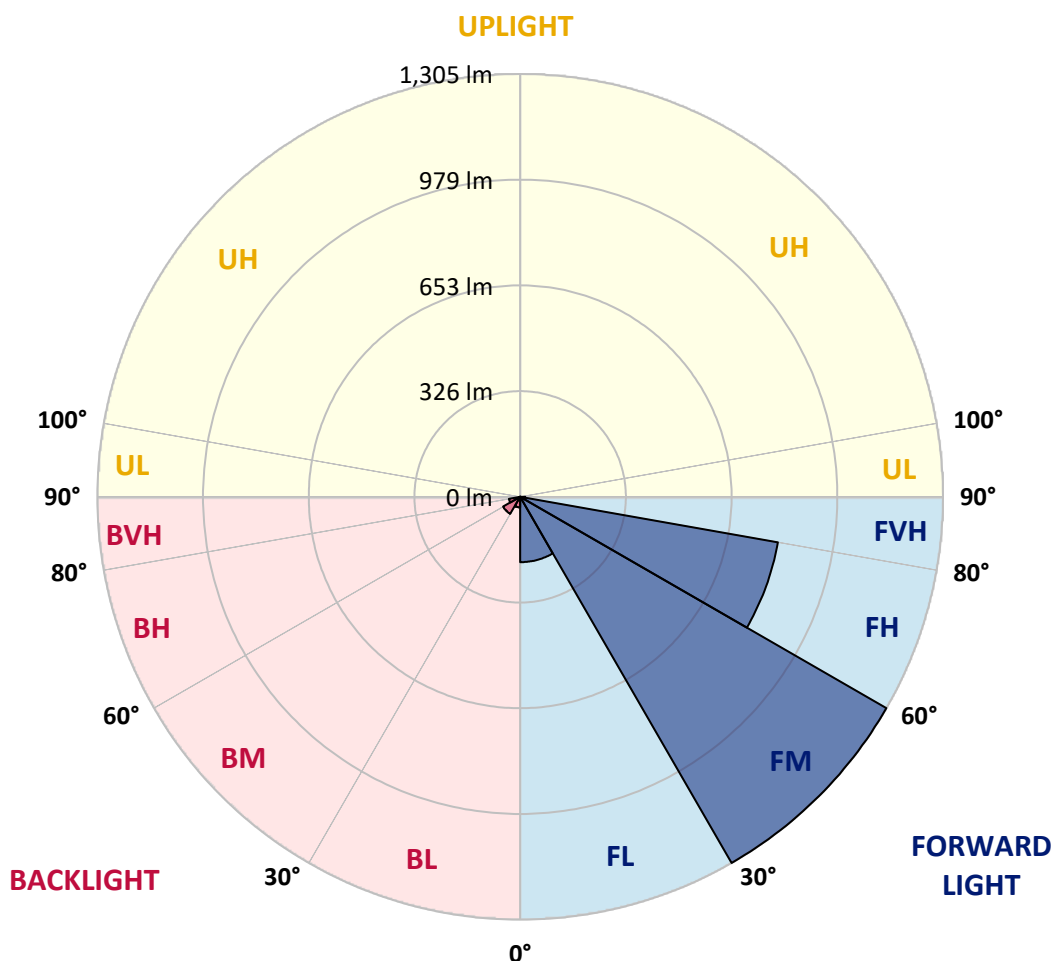
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	201.8	8.2			
FM (30°-60°)	1305.2	53.1			
FH (60°-80°)	807.8	32.8			G1/1800
FVH (80°-90°)	15.5	0.6			G1/100
BL (0°-30°)	32.7	1.3	B0/110		
BM (30°-60°)	60.8	2.5	B0/220		
BH (60°-80°)	35.0	1.4	B0/110		G0/110
BVH (80°-90°)	1.5	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°	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0
2.5°	400.6	409.4	418.2	421.5	425.9	429.2	432.5	435.8	439.1	441.3	444.6
5°	455.6	454.5	453.4	452.3	452.3	451.2	450.1	449.0	447.9	445.7	444.6
7.5°	399.5	428.1	455.6	456.7	457.8	457.8	458.9	465.5	472.2	477.7	484.3
10°	519.5	519.5	519.5	519.5	519.5	518.4	518.4	519.5	519.5	520.6	520.6
12.5°	436.9	443.5	449.0	468.9	487.6	507.4	526.1	530.5	534.9	538.2	542.6
15°	528.3	530.5	532.7	533.8	534.9	534.9	536.0	519.5	503.0	486.5	470.0
17.5°	418.2	420.4	421.5	435.8	450.1	464.4	478.8	486.5	495.3	503.0	510.7
20°	536.0	537.1	538.2	539.3	540.4	540.4	541.5	506.3	471.1	435.8	400.6
22.5°	447.9	449.0	449.0	452.3	454.5	457.8	460.0	473.3	486.5	499.7	512.9
25°	615.2	615.2	614.1	608.6	604.2	598.7	593.2	560.2	527.2	493.1	460.0
27.5°	572.3	573.4	573.4	569.0	564.6	560.2	555.8	562.4	570.1	576.7	583.3
30°	825.4	825.4	825.4	819.9	813.3	807.8	801.2	752.8	704.4	654.9	606.4
32.5°	1109.4	1089.6	1068.7	1029.1	989.4	948.7	909.1	879.4	849.7	818.8	789.1
35°	1236.0	1232.7	1229.4	1215.1	1200.7	1185.3	1171.0	1113.8	1056.6	998.2	941.0
37.5°	1342.7	1338.3	1332.8	1321.8	1310.8	1299.8	1288.8	1230.5	1171.0	1112.7	1053.3
40°	1428.6	1425.3	1422.0	1413.2	1404.4	1395.5	1386.7	1324.0	1261.3	1198.5	1135.8
42.5°	1490.2	1490.2	1489.1	1482.5	1474.8	1468.2	1460.5	1397.7	1335.0	1272.3	1209.5
45°	1536.4	1536.4	1536.4	1532.0	1526.5	1522.1	1516.6	1461.6	1407.7	1352.6	1297.6
47.5°	1543.0	1544.1	1545.2	1545.2	1545.2	1545.2	1545.2	1493.5	1442.9	1391.1	1339.4
50°	1482.5	1485.8	1489.1	1494.6	1501.2	1506.7	1512.2	1486.9	1460.5	1435.2	1408.8
52.5°	1320.7	1335.0	1348.2	1362.5	1376.8	1390.0	1404.4	1394.4	1384.5	1374.6	1364.7
55°	1004.8	1013.6	1021.3	1062.1	1102.8	1143.5	1184.2	1201.8	1218.4	1236.0	1252.5
57.5°	780.3	783.6	785.8	812.2	838.6	864.0	890.4	934.4	978.4	1021.3	1065.4
60°	627.3	627.3	627.3	642.7	657.1	672.5	686.8	726.4	766.0	805.6	845.3
62.5°	466.7	471.1	475.5	490.9	505.2	520.6	534.9	554.7	574.5	594.3	614.1
65°	323.6	329.1	333.5	343.4	354.4	364.3	374.2	390.7	408.3	424.8	441.3
67.5°	227.8	230.0	232.2	237.7	242.1	247.6	252.0	263.0	272.9	284.0	293.9
70°	161.8	162.9	162.9	167.3	171.7	176.1	180.5	184.9	189.3	192.6	197.0
72.5°	117.8	118.9	120.0	123.3	125.5	128.8	131.0	133.2	135.4	137.6	139.8
75°	60.5	62.7	63.8	72.6	81.4	90.2	99.1	100.2	101.3	101.3	102.4
77.5°	50.6	51.7	51.7	52.8	53.9	55.0	56.1	61.6	68.2	73.7	79.2
80°	36.3	36.3	35.2	37.4	39.6	41.8	44.0	46.2	48.4	49.5	51.7
82.5°	20.9	22.0	22.0	23.1	24.2	25.3	26.4	28.6	31.9	34.1	36.3
85°	2.2	3.3	4.4	6.6	8.8	11.0	13.2	16.5	18.7	22.0	24.2
87.5°	1.1	1.1	1.1	1.1	2.2	2.2	2.2	3.3	3.3	4.4	4.4
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):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0
2.5°	446.8	449.0	450.1	452.3	451.2	449.0	447.9	445.7	442.4	439.1	434.7
5°	442.4	440.2	438.0	435.8	432.5	430.3	427.0	423.7	419.3	416.0	411.6
7.5°	484.3	483.2	483.2	482.1	478.8	476.6	473.3	470.0	464.4	458.9	453.4
10°	496.4	472.2	446.8	422.6	428.1	433.6	439.1	444.6	428.1	411.6	394.0
12.5°	531.6	520.6	509.6	498.6	481.0	462.2	444.6	425.9	417.1	407.2	398.4
15°	457.8	446.8	434.7	422.6	430.3	438.0	445.7	453.4	428.1	401.7	376.4
17.5°	500.8	489.8	479.9	468.9	438.0	407.2	375.3	344.5	370.9	396.2	422.6
20°	409.4	418.2	425.9	434.7	445.7	456.7	466.7	477.7	464.4	451.2	438.0
22.5°	495.3	478.8	461.1	443.5	451.2	458.9	465.5	473.3	457.8	442.4	425.9
25°	477.7	496.4	514.0	531.6	504.1	477.7	450.1	422.6	446.8	471.1	495.3
27.5°	558.0	532.7	506.3	481.0	504.1	527.2	549.2	572.3	551.4	529.4	508.5
30°	603.1	599.8	595.4	592.1	580.0	569.0	556.9	544.8	551.4	558.0	564.6
32.5°	751.7	715.4	678.0	640.5	649.3	658.2	665.9	674.7	664.8	654.9	643.8
35°	892.6	844.2	794.6	746.2	745.1	742.9	741.8	739.6	735.2	730.8	726.4
37.5°	998.2	943.2	888.2	833.1	834.2	834.2	835.3	835.3	819.9	804.5	789.1
40°	1085.2	1034.6	983.9	933.3	928.9	924.5	920.1	915.7	894.8	872.8	851.9
42.5°	1158.9	1109.4	1058.8	1008.1	1000.4	993.8	986.1	978.4	960.8	942.1	924.5
45°	1239.3	1180.9	1122.6	1064.3	1057.7	1051.1	1044.5	1037.9	1023.5	1009.2	994.9
47.5°	1281.1	1222.8	1163.3	1105.0	1100.6	1095.1	1090.7	1085.2	1077.5	1068.7	1061.0
50°	1340.5	1273.4	1205.1	1136.9	1134.7	1132.5	1129.2	1127.0	1124.8	1123.7	1121.5
52.5°	1313.0	1260.2	1208.4	1155.6	1156.7	1156.7	1157.8	1157.8	1163.3	1168.8	1174.3
55°	1225.0	1198.5	1171.0	1143.5	1149.0	1155.6	1161.1	1166.6	1180.9	1194.1	1208.4
57.5°	1069.8	1074.2	1078.6	1083.0	1102.8	1121.5	1141.3	1160.0	1180.9	1200.7	1221.7
60°	869.5	893.7	916.8	941.0	987.2	1033.5	1079.7	1125.9	1157.8	1188.6	1220.6
62.5°	648.2	682.4	716.5	750.6	822.1	894.8	966.3	1037.9	1086.3	1133.6	1182.0
65°	473.3	505.2	536.0	567.9	653.8	739.6	825.4	911.3	980.6	1048.9	1118.2
67.5°	317.0	340.1	362.1	385.2	472.2	559.1	646.0	733.0	828.7	924.5	1019.1
70°	209.1	220.1	232.2	243.2	318.1	391.8	466.7	540.4	653.8	766.0	879.4
72.5°	143.1	146.4	149.7	153.0	203.6	254.2	304.9	355.5	470.0	584.4	697.8
75°	102.4	101.3	101.3	100.2	129.9	159.6	188.2	217.9	307.1	395.1	484.3
77.5°	78.1	75.9	74.8	72.6	86.9	101.3	115.6	129.9	171.7	214.6	256.4
80°	49.5	47.3	44.0	41.8	47.3	52.8	58.3	63.8	70.4	77.0	83.6
82.5°	36.3	36.3	36.3	36.3	36.3	37.4	37.4	37.4	35.2	33.0	29.7
85°	23.1	22.0	20.9	19.8	17.6	15.4	13.2	11.0	12.1	13.2	13.2
87.5°	4.4	3.3	3.3	2.2	2.2	2.2	2.2	2.2	3.3	3.3	4.4
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°	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0
2.5°	431.4	427.0	422.6	418.2	413.8	409.4	405.0	400.6	396.2	389.6	384.1
5°	407.2	419.3	432.5	444.6	456.7	450.1	443.5	436.9	430.3	419.3	408.3
7.5°	447.9	433.6	420.4	407.2	392.9	396.2	399.5	402.8	406.1	396.2	383.0
10°	377.5	369.8	362.1	354.4	346.7	342.3	336.8	332.4	326.9	354.4	343.4
12.5°	388.5	385.2	381.9	377.5	374.2	352.2	331.3	309.3	287.3	278.4	281.8
15°	350.0	346.7	343.4	340.1	336.8	347.8	359.9	370.9	381.9	379.7	377.5
17.5°	447.9	433.6	420.4	406.1	391.8	385.2	377.5	370.9	363.2	351.1	347.8
20°	424.8	409.4	394.0	378.6	363.2	378.6	392.9	408.3	422.6	447.9	440.2
22.5°	410.5	435.8	462.2	487.6	512.9	488.7	465.5	441.3	417.1	424.8	387.4
25°	519.5	500.8	483.2	464.4	445.7	470.0	494.2	518.4	542.6	531.6	514.0
27.5°	486.5	505.2	522.8	541.5	559.1	567.9	577.8	586.6	595.4	573.4	577.8
30°	571.2	594.3	616.3	639.4	661.5	702.2	741.8	782.5	822.1	813.3	778.1
32.5°	633.9	672.5	711.0	748.4	786.9	810.0	834.2	857.4	880.5	882.7	838.6
35°	722.0	748.4	774.8	801.2	827.6	862.9	897.0	932.2	966.3	946.5	897.0
37.5°	773.7	801.2	829.8	857.4	884.9	927.8	970.7	1012.5	1055.5	1012.5	958.6
40°	829.8	859.6	890.4	920.1	949.8	993.8	1036.8	1080.8	1123.7	1121.5	1047.8
42.5°	905.8	935.5	966.3	996.0	1025.7	1072.0	1118.2	1163.3	1209.5	1208.4	1124.8
45°	980.6	1008.1	1034.6	1062.1	1088.5	1141.3	1194.1	1247.0	1299.8	1305.3	1210.6
47.5°	1052.2	1076.4	1100.6	1124.8	1149.0	1221.7	1293.2	1365.8	1437.4	1403.3	1300.9
50°	1119.3	1143.5	1167.7	1191.9	1216.2	1300.9	1386.7	1471.5	1556.2	1511.1	1401.1
52.5°	1179.8	1209.5	1240.4	1270.1	1299.8	1392.2	1484.7	1577.1	1669.6	1623.4	1510.0
55°	1221.7	1263.5	1304.2	1346.0	1386.7	1489.1	1592.6	1694.9	1797.3	1744.4	1613.5
57.5°	1241.5	1291.0	1341.6	1391.1	1440.7	1546.3	1653.1	1758.7	1864.4	1811.6	1677.3
60°	1251.4	1308.6	1365.8	1422.0	1479.2	1593.7	1709.2	1823.7	1938.1	1893.0	1756.5
62.5°	1229.4	1302.0	1375.7	1448.4	1521.0	1643.2	1765.3	1886.4	2008.6	1978.9	1849.0
65°	1186.4	1282.2	1379.0	1474.8	1570.5	1715.8	1861.1	2005.3	2150.6	2118.6	1988.8
67.5°	1114.9	1240.4	1365.8	1491.3	1616.8	1797.3	1976.7	2157.2	2336.6	2304.6	2156.1
70°	991.6	1149.0	1306.4	1462.7	1620.1	1831.4	2043.8	2255.1	2466.4	2424.6	2248.5
72.5°	812.2	989.4	1166.6	1342.7	1519.9	1745.5	1972.3	2197.9	2423.5	2344.3	2143.9
75°	572.3	734.1	895.9	1056.6	1218.4	1416.5	1614.6	1811.6	2009.7	1908.4	1712.5
77.5°	298.3	398.4	497.5	597.6	696.7	851.9	1005.9	1161.1	1315.2	1133.6	986.1
80°	90.2	132.1	172.8	214.6	255.3	291.7	328.0	363.2	399.5	297.2	246.5
82.5°	27.5	36.3	44.0	52.8	60.5	60.5	60.5	59.4	59.4	47.3	39.6
85°	14.3	15.4	15.4	16.5	16.5	16.5	15.4	15.4	14.3	14.3	12.1
87.5°	4.4	4.4	5.5	5.5	5.5	5.5	5.5	4.4	4.4	4.4	4.4
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):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0
2.5°	379.7	374.2	368.7	362.1	355.5	348.9	342.3	335.7	329.1	322.5	317.0
5°	398.4	387.4	376.4	364.3	351.1	337.9	325.8	313.7	300.5	288.4	277.3
7.5°	369.8	356.6	340.1	323.6	307.1	290.6	272.9	256.4	238.8	221.2	206.9
10°	331.3	320.3	302.7	284.0	264.1	243.2	220.1	197.0	173.9	150.8	140.9
12.5°	284.0	287.3	268.5	249.8	228.9	208.0	186.0	164.0	140.9	118.9	112.3
15°	375.3	373.1	348.9	324.7	292.8	260.8	228.9	195.9	164.0	131.0	114.5
17.5°	343.4	340.1	313.7	287.3	258.6	230.0	200.3	169.5	139.8	109.0	93.6
20°	433.6	425.9	392.9	358.8	317.0	274.0	232.2	190.4	148.6	106.8	89.1
22.5°	350.0	312.6	286.2	259.7	226.7	192.6	165.1	136.5	109.0	80.3	69.3
25°	495.3	477.7	432.5	386.3	328.0	269.6	222.3	175.0	127.7	80.3	67.1
27.5°	582.2	586.6	525.0	463.3	389.6	315.9	254.2	192.6	131.0	69.3	59.4
30°	742.9	707.7	635.0	561.3	457.8	353.3	280.7	208.0	135.4	62.7	53.9
32.5°	795.7	751.7	669.2	585.5	464.4	342.3	269.6	197.0	123.3	50.6	45.1
35°	848.6	799.0	704.4	609.7	471.1	331.3	258.6	187.1	114.5	41.8	38.5
37.5°	904.7	850.8	745.1	638.3	477.7	317.0	247.6	177.2	107.9	37.4	34.1
40°	975.1	901.4	784.7	667.0	484.3	301.6	234.4	168.4	101.3	34.1	30.8
42.5°	1042.3	958.6	828.7	697.8	492.0	286.2	222.3	159.6	95.8	31.9	28.6
45°	1117.1	1022.4	881.6	739.6	503.0	266.3	206.9	147.5	88.0	28.6	25.3
47.5°	1198.5	1096.2	938.8	781.4	514.0	246.5	191.5	137.6	82.5	27.5	24.2
50°	1291.0	1180.9	1008.1	834.2	536.0	236.6	183.8	131.0	78.1	25.3	22.0
52.5°	1397.7	1284.4	1090.7	895.9	562.4	227.8	177.2	125.5	74.8	23.1	19.8
55°	1483.6	1352.6	1138.0	922.3	567.9	212.4	165.1	116.7	69.3	20.9	18.7
57.5°	1544.1	1409.9	1183.1	956.4	577.8	198.1	153.0	109.0	63.8	18.7	16.5
60°	1619.0	1482.5	1239.3	994.9	589.9	184.9	143.1	101.3	58.3	16.5	14.3
62.5°	1719.1	1589.3	1319.6	1048.9	609.7	169.5	131.0	92.4	52.8	14.3	13.2
65°	1857.8	1727.9	1414.3	1100.6	628.4	155.2	120.0	84.7	48.4	13.2	12.1
67.5°	2006.4	1857.8	1489.1	1119.3	628.4	137.6	106.8	74.8	44.0	12.1	11.0
70°	2072.4	1896.3	1477.0	1056.6	583.3	110.1	85.8	60.5	36.3	11.0	9.9
72.5°	1944.7	1744.4	1313.0	881.6	475.5	69.3	53.9	39.6	24.2	8.8	7.7
75°	1515.5	1319.6	979.5	638.3	336.8	34.1	27.5	20.9	13.2	6.6	5.5
77.5°	839.8	692.3	503.0	313.7	167.3	19.8	16.5	13.2	8.8	5.5	5.5
80°	197.0	146.4	106.8	66.0	39.6	12.1	9.9	8.8	6.6	4.4	4.4
82.5°	31.9	24.2	17.6	11.0	8.8	6.6	5.5	5.5	4.4	3.3	3.3
85°	9.9	7.7	6.6	4.4	4.4	3.3	3.3	3.3	2.2	2.2	2.2
87.5°	3.3	3.3	3.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
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-PA1-30-830-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0
2.5°	310.4	304.9	298.3	293.9	289.5	284.0	279.5	275.1	270.7	266.3	261.9
5°	266.3	254.2	243.2	228.9	213.5	199.2	183.8	177.2	171.7	165.1	158.5
7.5°	192.6	178.3	164.0	158.5	153.0	146.4	140.9	135.4	129.9	124.4	118.9
10°	132.1	122.2	112.3	107.9	103.5	98.0	93.6	89.1	84.7	79.2	74.8
12.5°	105.7	98.0	91.3	83.6	75.9	68.2	60.5	58.3	56.1	52.8	50.6
15°	96.9	80.3	62.7	57.2	52.8	47.3	41.8	40.7	40.7	39.6	38.5
17.5°	78.1	62.7	47.3	45.1	41.8	39.6	36.3	34.1	31.9	29.7	27.5
20°	71.5	53.9	36.3	35.2	34.1	31.9	30.8	29.7	29.7	28.6	27.5
22.5°	59.4	48.4	37.4	34.1	30.8	27.5	24.2	24.2	25.3	25.3	25.3
25°	53.9	40.7	27.5	27.5	26.4	26.4	25.3	24.2	22.0	20.9	18.7
27.5°	49.5	39.6	29.7	27.5	25.3	23.1	20.9	20.9	19.8	19.8	18.7
30°	46.2	37.4	28.6	26.4	25.3	23.1	20.9	19.8	18.7	16.5	15.4
32.5°	40.7	35.2	29.7	27.5	24.2	22.0	18.7	17.6	16.5	14.3	13.2
35°	35.2	30.8	27.5	25.3	22.0	19.8	16.5	15.4	14.3	13.2	12.1
37.5°	30.8	27.5	24.2	22.0	19.8	16.5	14.3	13.2	12.1	11.0	9.9
40°	27.5	24.2	20.9	18.7	16.5	14.3	12.1	11.0	11.0	9.9	8.8
42.5°	25.3	22.0	18.7	16.5	15.4	13.2	11.0	9.9	8.8	7.7	6.6
45°	23.1	19.8	16.5	15.4	13.2	12.1	9.9	8.8	7.7	6.6	5.5
47.5°	20.9	17.6	14.3	13.2	12.1	9.9	8.8	7.7	6.6	5.5	4.4
50°	19.8	16.5	13.2	12.1	11.0	8.8	7.7	6.6	6.6	5.5	4.4
52.5°	17.6	14.3	11.0	9.9	8.8	7.7	6.6	5.5	5.5	4.4	3.3
55°	15.4	13.2	9.9	8.8	7.7	6.6	5.5	4.4	4.4	3.3	2.2
57.5°	14.3	11.0	8.8	7.7	6.6	5.5	4.4	4.4	3.3	3.3	2.2
60°	12.1	9.9	7.7	6.6	5.5	4.4	3.3	3.3	2.2	2.2	1.1
62.5°	11.0	9.9	7.7	6.6	5.5	4.4	3.3	3.3	2.2	2.2	1.1
65°	9.9	8.8	6.6	5.5	5.5	4.4	3.3	3.3	2.2	2.2	1.1
67.5°	9.9	7.7	6.6	5.5	4.4	3.3	2.2	2.2	2.2	1.1	1.1
70°	7.7	6.6	4.4	4.4	3.3	3.3	2.2	2.2	2.2	1.1	1.1
72.5°	6.6	5.5	4.4	4.4	3.3	3.3	2.2	2.2	2.2	1.1	1.1
75°	5.5	4.4	3.3	3.3	3.3	2.2	2.2	2.2	2.2	1.1	1.1
77.5°	4.4	4.4	3.3	3.3	3.3	2.2	2.2	2.2	2.2	1.1	1.1
80°	3.3	3.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.1	1.1
82.5°	3.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.1	1.1
85°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.1	1.1
87.5°	2.2	2.2	2.2	2.2	3.3	3.3	3.3	3.3	2.2	2.2	1.1
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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CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0
2.5°	257.5	252.0	247.6	242.1	234.4	225.6	217.9	209.1	208.0	206.9	204.7
5°	155.2	151.9	148.6	145.3	143.1	140.9	138.7	136.5	134.3	133.2	131.0
7.5°	114.5	110.1	105.7	101.3	98.0	95.8	92.4	89.1	86.9	83.6	81.4
10°	70.4	64.9	60.5	55.0	57.2	59.4	60.5	62.7	62.7	61.6	61.6
12.5°	50.6	50.6	50.6	50.6	50.6	50.6	49.5	49.5	49.5	48.4	48.4
15°	37.4	36.3	35.2	34.1	34.1	34.1	33.0	33.0	35.2	36.3	38.5
17.5°	28.6	29.7	29.7	30.8	31.9	33.0	33.0	34.1	34.1	35.2	35.2
20°	27.5	27.5	26.4	26.4	25.3	25.3	24.2	23.1	24.2	26.4	27.5
22.5°	24.2	22.0	20.9	18.7	19.8	22.0	23.1	24.2	24.2	24.2	24.2
25°	19.8	19.8	20.9	20.9	19.8	18.7	17.6	16.5	17.6	18.7	18.7
27.5°	17.6	16.5	15.4	14.3	15.4	15.4	16.5	16.5	16.5	16.5	15.4
30°	15.4	15.4	14.3	14.3	14.3	13.2	13.2	12.1	13.2	13.2	14.3
32.5°	13.2	12.1	12.1	11.0	11.0	12.1	12.1	12.1	12.1	12.1	12.1
35°	12.1	11.0	11.0	9.9	9.9	9.9	9.9	9.9	11.0	11.0	12.1
37.5°	9.9	8.8	8.8	7.7	7.7	8.8	8.8	8.8	8.8	9.9	9.9
40°	8.8	7.7	7.7	6.6	6.6	7.7	7.7	7.7	7.7	8.8	8.8
42.5°	6.6	6.6	5.5	5.5	5.5	6.6	6.6	6.6	6.6	7.7	7.7
45°	5.5	5.5	4.4	4.4	4.4	5.5	5.5	5.5	5.5	5.5	5.5
47.5°	4.4	4.4	3.3	3.3	3.3	4.4	4.4	4.4	4.4	4.4	4.4
50°	4.4	3.3	3.3	2.2	2.2	3.3	3.3	3.3	3.3	3.3	3.3
52.5°	3.3	3.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
55°	2.2	2.2	1.1	1.1	1.1	2.2	2.2	2.2	2.2	2.2	1.1
57.5°	2.2	2.2	1.1	1.1	1.1	2.2	2.2	2.2	2.2	2.2	1.1
60°	1.1	1.1	1.1	1.1	1.1	2.2	2.2	2.2	2.2	2.2	1.1
62.5°	1.1	1.1	1.1	1.1	1.1	2.2	2.2	2.2	2.2	2.2	2.2
65°	1.1	1.1	1.1	1.1	2.2	2.2	3.3	3.3	3.3	3.3	2.2
67.5°	1.1	1.1	1.1	1.1	2.2	2.2	3.3	3.3	3.3	2.2	2.2
70°	1.1	2.2	2.2	2.2	2.2	3.3	3.3	3.3	3.3	3.3	2.2
72.5°	1.1	2.2	2.2	2.2	2.2	3.3	3.3	3.3	3.3	3.3	2.2
75°	2.2	2.2	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.2
77.5°	2.2	2.2	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.2
80°	2.2	2.2	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.2
82.5°	2.2	2.2	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.2
85°	2.2	3.3	3.3	4.4	4.4	4.4	3.3	3.3	3.3	3.3	2.2
87.5°	2.2	3.3	3.3	4.4	4.4	4.4	3.3	3.3	3.3	3.3	2.2
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: P560294
 CATALOG NUMBER: SDL-PA1-30-830-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0
2.5°	203.6	201.4	199.2	195.9	193.7	195.9	198.1	195.9	193.7	195.9	199.2
5°	128.8	127.7	127.7	126.6	125.5	125.5	124.4	125.5	125.5	126.6	127.7
7.5°	78.1	77.0	75.9	73.7	72.6	74.8	75.9	74.8	72.6	73.7	75.9
10°	60.5	60.5	59.4	59.4	58.3	58.3	58.3	58.3	58.3	59.4	59.4
12.5°	47.3	46.2	45.1	44.0	42.9	45.1	46.2	45.1	42.9	44.0	45.1
15°	39.6	39.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
17.5°	35.2	34.1	34.1	33.0	31.9	31.9	30.8	31.9	31.9	33.0	34.1
20°	28.6	28.6	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
22.5°	24.2	23.1	23.1	22.0	20.9	20.9	19.8	20.9	20.9	22.0	23.1
25°	19.8	19.8	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9
27.5°	15.4	15.4	15.4	14.3	14.3	14.3	14.3	14.3	14.3	14.3	15.4
30°	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
32.5°	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
35°	12.1	12.1	12.1	11.0	11.0	11.0	11.0	11.0	11.0	11.0	12.1
37.5°	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
40°	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
42.5°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
45°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
47.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
50°	3.3	3.3	3.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	3.3
52.5°	2.2	2.2	2.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	2.2
55°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
57.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
60°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
62.5°	2.2	2.2	2.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	2.2
65°	2.2	2.2	1.1	1.1	0.0	0.0	0.0	0.0	0.0	1.1	1.1
67.5°	1.1	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
70°	2.2	2.2	1.1	1.1	0.0	0.0	0.0	0.0	0.0	1.1	1.1
72.5°	2.2	2.2	1.1	1.1	0.0	0.0	0.0	0.0	0.0	1.1	1.1
75°	2.2	2.2	1.1	1.1	0.0	0.0	0.0	0.0	0.0	1.1	1.1
77.5°	2.2	2.2	2.2	1.1	1.1	1.1	0.0	1.1	1.1	1.1	2.2
80°	2.2	2.2	2.2	1.1	1.1	1.1	0.0	1.1	1.1	1.1	2.2
82.5°	2.2	2.2	2.2	1.1	1.1	1.1	0.0	1.1	1.1	1.1	2.2
85°	2.2	2.2	2.2	1.1	1.1	1.1	0.0	1.1	1.1	1.1	2.2
87.5°	2.2	2.2	2.2	1.1	1.1	1.1	0.0	1.1	1.1	1.1	2.2
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-PA1-30-830-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0
2.5°	201.4	203.6	204.7	206.9	208.0	209.1	217.9	225.6	234.4	242.1	247.6
5°	127.7	128.8	131.0	133.2	134.3	136.5	138.7	140.9	143.1	145.3	148.6
7.5°	77.0	78.1	81.4	83.6	86.9	89.1	92.4	95.8	98.0	101.3	105.7
10°	60.5	60.5	61.6	61.6	62.7	62.7	60.5	59.4	57.2	55.0	60.5
12.5°	46.2	47.3	48.4	48.4	49.5	49.5	49.5	50.6	50.6	50.6	50.6
15°	39.6	39.6	38.5	36.3	35.2	33.0	33.0	34.1	34.1	34.1	35.2
17.5°	34.1	35.2	35.2	35.2	34.1	34.1	33.0	33.0	31.9	30.8	29.7
20°	28.6	28.6	27.5	26.4	24.2	23.1	24.2	25.3	25.3	26.4	26.4
22.5°	23.1	24.2	24.2	24.2	24.2	24.2	23.1	22.0	19.8	18.7	20.9
25°	19.8	19.8	18.7	18.7	17.6	16.5	17.6	18.7	19.8	20.9	20.9
27.5°	15.4	15.4	15.4	16.5	16.5	16.5	16.5	15.4	15.4	14.3	15.4
30°	14.3	14.3	14.3	13.2	13.2	12.1	13.2	13.2	14.3	14.3	14.3
32.5°	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	11.0	11.0	12.1
35°	12.1	12.1	12.1	11.0	11.0	9.9	9.9	9.9	9.9	9.9	11.0
37.5°	9.9	9.9	9.9	9.9	8.8	8.8	8.8	8.8	7.7	7.7	8.8
40°	8.8	8.8	8.8	8.8	7.7	7.7	7.7	7.7	6.6	6.6	7.7
42.5°	7.7	7.7	7.7	7.7	6.6	6.6	6.6	6.6	5.5	5.5	5.5
45°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	4.4	4.4	4.4
47.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	3.3	3.3	3.3
50°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.2	2.2	3.3
52.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
55°	1.1	1.1	1.1	2.2	2.2	2.2	2.2	2.2	1.1	1.1	1.1
57.5°	1.1	1.1	1.1	2.2	2.2	2.2	2.2	2.2	1.1	1.1	1.1
60°	1.1	1.1	1.1	2.2	2.2	2.2	2.2	2.2	1.1	1.1	1.1
62.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.1	1.1	1.1
65°	2.2	2.2	2.2	3.3	3.3	3.3	3.3	2.2	2.2	1.1	1.1
67.5°	1.1	1.1	2.2	2.2	3.3	3.3	3.3	2.2	2.2	1.1	1.1
70°	2.2	2.2	2.2	3.3	3.3	3.3	3.3	3.3	2.2	2.2	2.2
72.5°	2.2	2.2	2.2	3.3	3.3	3.3	3.3	3.3	2.2	2.2	2.2
75°	2.2	2.2	2.2	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
77.5°	2.2	2.2	2.2	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
80°	2.2	2.2	2.2	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
82.5°	2.2	2.2	2.2	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
85°	2.2	2.2	2.2	3.3	3.3	3.3	3.3	4.4	4.4	4.4	3.3
87.5°	2.2	2.2	2.2	3.3	3.3	3.3	3.3	4.4	4.4	4.4	3.3
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: P560294

CATALOG NUMBER: SDL-PA1-30-830-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0
2.5°	252.0	257.5	261.9	266.3	270.7	275.1	279.5	284.0	289.5	293.9	298.3
5°	151.9	155.2	158.5	165.1	171.7	177.2	183.8	199.2	213.5	228.9	243.2
7.5°	110.1	114.5	118.9	124.4	129.9	135.4	140.9	146.4	153.0	158.5	164.0
10°	64.9	70.4	74.8	79.2	84.7	89.1	93.6	98.0	103.5	107.9	112.3
12.5°	50.6	50.6	50.6	52.8	56.1	58.3	60.5	68.2	75.9	83.6	91.3
15°	36.3	37.4	38.5	39.6	40.7	40.7	41.8	47.3	52.8	57.2	62.7
17.5°	29.7	28.6	27.5	29.7	31.9	34.1	36.3	39.6	41.8	45.1	47.3
20°	27.5	27.5	27.5	28.6	29.7	29.7	30.8	31.9	34.1	35.2	36.3
22.5°	22.0	24.2	25.3	25.3	25.3	24.2	24.2	27.5	30.8	34.1	37.4
25°	19.8	19.8	18.7	20.9	22.0	24.2	25.3	26.4	26.4	27.5	27.5
27.5°	16.5	17.6	18.7	19.8	19.8	20.9	20.9	23.1	25.3	27.5	29.7
30°	15.4	15.4	15.4	16.5	18.7	19.8	20.9	23.1	25.3	26.4	28.6
32.5°	12.1	13.2	13.2	14.3	16.5	17.6	18.7	22.0	24.2	27.5	29.7
35°	11.0	12.1	12.1	13.2	14.3	15.4	16.5	19.8	22.0	25.3	27.5
37.5°	8.8	9.9	9.9	11.0	12.1	13.2	14.3	16.5	19.8	22.0	24.2
40°	7.7	8.8	8.8	9.9	11.0	11.0	12.1	14.3	16.5	18.7	20.9
42.5°	6.6	6.6	6.6	7.7	8.8	9.9	11.0	13.2	15.4	16.5	18.7
45°	5.5	5.5	5.5	6.6	7.7	8.8	9.9	12.1	13.2	15.4	16.5
47.5°	4.4	4.4	4.4	5.5	6.6	7.7	8.8	9.9	12.1	13.2	14.3
50°	3.3	4.4	4.4	5.5	6.6	6.6	7.7	8.8	11.0	12.1	13.2
52.5°	3.3	3.3	3.3	4.4	5.5	5.5	6.6	7.7	8.8	9.9	11.0
55°	2.2	2.2	2.2	3.3	4.4	4.4	5.5	6.6	7.7	8.8	9.9
57.5°	2.2	2.2	2.2	3.3	3.3	4.4	4.4	5.5	6.6	7.7	8.8
60°	1.1	1.1	1.1	2.2	2.2	3.3	3.3	4.4	5.5	6.6	7.7
62.5°	1.1	1.1	1.1	2.2	2.2	3.3	3.3	4.4	5.5	6.6	7.7
65°	1.1	1.1	1.1	2.2	2.2	3.3	3.3	4.4	5.5	5.5	6.6
67.5°	1.1	1.1	1.1	1.1	2.2	2.2	2.2	3.3	4.4	5.5	6.6
70°	2.2	1.1	1.1	1.1	2.2	2.2	2.2	3.3	3.3	4.4	4.4
72.5°	2.2	1.1	1.1	1.1	2.2	2.2	2.2	3.3	3.3	4.4	4.4
75°	2.2	2.2	1.1	1.1	2.2	2.2	2.2	2.2	3.3	3.3	3.3
77.5°	2.2	2.2	1.1	1.1	2.2	2.2	2.2	2.2	3.3	3.3	3.3
80°	2.2	2.2	1.1	1.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2
82.5°	2.2	2.2	1.1	1.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2
85°	3.3	2.2	1.1	1.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2
87.5°	3.3	2.2	1.1	2.2	2.2	3.3	3.3	3.3	3.3	2.2	2.2
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: P560294
 CATALOG NUMBER: SDL-PA1-30-830-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0
2.5°	304.9	310.4	317.0	322.5	329.1	335.7	342.3	348.9	355.5	362.1	368.7
5°	254.2	266.3	277.3	288.4	300.5	313.7	325.8	337.9	351.1	364.3	376.4
7.5°	178.3	192.6	206.9	221.2	238.8	256.4	272.9	290.6	307.1	323.6	340.1
10°	122.2	132.1	140.9	150.8	173.9	197.0	220.1	243.2	264.1	284.0	302.7
12.5°	98.0	105.7	112.3	118.9	140.9	164.0	186.0	208.0	228.9	249.8	268.5
15°	80.3	96.9	114.5	131.0	164.0	195.9	228.9	260.8	292.8	324.7	348.9
17.5°	62.7	78.1	93.6	109.0	139.8	169.5	200.3	230.0	258.6	287.3	313.7
20°	53.9	71.5	89.1	106.8	148.6	190.4	232.2	274.0	317.0	358.8	392.9
22.5°	48.4	59.4	69.3	80.3	109.0	136.5	165.1	192.6	226.7	259.7	286.2
25°	40.7	53.9	67.1	80.3	127.7	175.0	222.3	269.6	328.0	386.3	432.5
27.5°	39.6	49.5	59.4	69.3	131.0	192.6	254.2	315.9	389.6	463.3	525.0
30°	37.4	46.2	53.9	62.7	135.4	208.0	280.7	353.3	457.8	561.3	635.0
32.5°	35.2	40.7	45.1	50.6	123.3	197.0	269.6	342.3	464.4	585.5	669.2
35°	30.8	35.2	38.5	41.8	114.5	187.1	258.6	331.3	471.1	609.7	704.4
37.5°	27.5	30.8	34.1	37.4	107.9	177.2	247.6	317.0	477.7	638.3	745.1
40°	24.2	27.5	30.8	34.1	101.3	168.4	234.4	301.6	484.3	667.0	784.7
42.5°	22.0	25.3	28.6	31.9	95.8	159.6	222.3	286.2	492.0	697.8	828.7
45°	19.8	23.1	25.3	28.6	88.0	147.5	206.9	266.3	503.0	739.6	881.6
47.5°	17.6	20.9	24.2	27.5	82.5	137.6	191.5	246.5	514.0	781.4	938.8
50°	16.5	19.8	22.0	25.3	78.1	131.0	183.8	236.6	536.0	834.2	1008.1
52.5°	14.3	17.6	19.8	23.1	74.8	125.5	177.2	227.8	562.4	895.9	1090.7
55°	13.2	15.4	18.7	20.9	69.3	116.7	165.1	212.4	567.9	922.3	1138.0
57.5°	11.0	14.3	16.5	18.7	63.8	109.0	153.0	198.1	577.8	956.4	1183.1
60°	9.9	12.1	14.3	16.5	58.3	101.3	143.1	184.9	589.9	994.9	1239.3
62.5°	9.9	11.0	13.2	14.3	52.8	92.4	131.0	169.5	609.7	1048.9	1319.6
65°	8.8	9.9	12.1	13.2	48.4	84.7	120.0	155.2	628.4	1100.6	1414.3
67.5°	7.7	9.9	11.0	12.1	44.0	74.8	106.8	137.6	628.4	1119.3	1489.1
70°	6.6	7.7	9.9	11.0	36.3	60.5	85.8	110.1	583.3	1056.6	1477.0
72.5°	5.5	6.6	7.7	8.8	24.2	39.6	53.9	69.3	475.5	881.6	1313.0
75°	4.4	5.5	5.5	6.6	13.2	20.9	27.5	34.1	336.8	638.3	979.5
77.5°	4.4	4.4	5.5	5.5	8.8	13.2	16.5	19.8	167.3	313.7	503.0
80°	3.3	3.3	4.4	4.4	6.6	8.8	9.9	12.1	39.6	66.0	106.8
82.5°	2.2	3.3	3.3	3.3	4.4	5.5	5.5	6.6	8.8	11.0	17.6
85°	2.2	2.2	2.2	2.2	2.2	3.3	3.3	3.3	4.4	4.4	6.6
87.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	3.3
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: P560294

CATALOG NUMBER: SDL-PA1-30-830-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0
2.5°	374.2	379.7	384.1	389.6	396.2	400.6	405.0	409.4	413.8	418.2	422.6
5°	387.4	398.4	408.3	419.3	430.3	436.9	443.5	450.1	456.7	444.6	432.5
7.5°	356.6	369.8	383.0	396.2	406.1	402.8	399.5	396.2	392.9	407.2	420.4
10°	320.3	331.3	343.4	354.4	326.9	332.4	336.8	342.3	346.7	354.4	362.1
12.5°	287.3	284.0	281.8	278.4	287.3	309.3	331.3	352.2	374.2	377.5	381.9
15°	373.1	375.3	377.5	379.7	381.9	370.9	359.9	347.8	336.8	340.1	343.4
17.5°	340.1	343.4	347.8	351.1	363.2	370.9	377.5	385.2	391.8	406.1	420.4
20°	425.9	433.6	440.2	447.9	422.6	408.3	392.9	378.6	363.2	378.6	394.0
22.5°	312.6	350.0	387.4	424.8	417.1	441.3	465.5	488.7	512.9	487.6	462.2
25°	477.7	495.3	514.0	531.6	542.6	518.4	494.2	470.0	445.7	464.4	483.2
27.5°	586.6	582.2	577.8	573.4	595.4	586.6	577.8	567.9	559.1	541.5	522.8
30°	707.7	742.9	778.1	813.3	822.1	782.5	741.8	702.2	661.5	639.4	616.3
32.5°	751.7	795.7	838.6	882.7	880.5	857.4	834.2	810.0	786.9	748.4	711.0
35°	799.0	848.6	897.0	946.5	966.3	932.2	897.0	862.9	827.6	801.2	774.8
37.5°	850.8	904.7	958.6	1012.5	1055.5	1012.5	970.7	927.8	884.9	857.4	829.8
40°	901.4	975.1	1047.8	1121.5	1123.7	1080.8	1036.8	993.8	949.8	920.1	890.4
42.5°	958.6	1042.3	1124.8	1208.4	1209.5	1163.3	1118.2	1072.0	1025.7	996.0	966.3
45°	1022.4	1117.1	1210.6	1305.3	1299.8	1247.0	1194.1	1141.3	1088.5	1062.1	1034.6
47.5°	1096.2	1198.5	1300.9	1403.3	1437.4	1365.8	1293.2	1221.7	1149.0	1124.8	1100.6
50°	1180.9	1291.0	1401.1	1511.1	1556.2	1471.5	1386.7	1300.9	1216.2	1191.9	1167.7
52.5°	1284.4	1397.7	1510.0	1623.4	1669.6	1577.1	1484.7	1392.2	1299.8	1270.1	1240.4
55°	1352.6	1483.6	1613.5	1744.4	1797.3	1694.9	1592.6	1489.1	1386.7	1346.0	1304.2
57.5°	1409.9	1544.1	1677.3	1811.6	1864.4	1758.7	1653.1	1546.3	1440.7	1391.1	1341.6
60°	1482.5	1619.0	1756.5	1893.0	1938.1	1823.7	1709.2	1593.7	1479.2	1422.0	1365.8
62.5°	1589.3	1719.1	1849.0	1978.9	2008.6	1886.4	1765.3	1643.2	1521.0	1448.4	1375.7
65°	1727.9	1857.8	1988.8	2118.6	2150.6	2005.3	1861.1	1715.8	1570.5	1474.8	1379.0
67.5°	1857.8	2006.4	2156.1	2304.6	2336.6	2157.2	1976.7	1797.3	1616.8	1491.3	1365.8
70°	1896.3	2072.4	2248.5	2424.6	2466.4	2255.1	2043.8	1831.4	1620.1	1462.7	1306.4
72.5°	1744.4	1944.7	2143.9	2344.3	2423.5	2197.9	1972.3	1745.5	1519.9	1342.7	1166.6
75°	1319.6	1515.5	1712.5	1908.4	2009.7	1811.6	1614.6	1416.5	1218.4	1056.6	895.9
77.5°	692.3	839.8	986.1	1133.6	1315.2	1161.1	1005.9	851.9	696.7	597.6	497.5
80°	146.4	197.0	246.5	297.2	399.5	363.2	328.0	291.7	255.3	214.6	172.8
82.5°	24.2	31.9	39.6	47.3	59.4	59.4	60.5	60.5	60.5	52.8	44.0
85°	7.7	9.9	12.1	14.3	14.3	15.4	15.4	16.5	16.5	16.5	15.4
87.5°	3.3	3.3	4.4	4.4	4.4	4.4	5.5	5.5	5.5	5.5	5.5
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: P560294

CATALOG NUMBER: SDL-PA1-30-830-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0
2.5°	427.0	431.4	434.7	439.1	442.4	445.7	447.9	449.0	451.2	452.3	450.1
5°	419.3	407.2	411.6	416.0	419.3	423.7	427.0	430.3	432.5	435.8	438.0
7.5°	434.7	447.9	453.4	458.9	464.4	470.0	473.3	476.6	478.8	482.1	483.2
10°	369.8	377.5	394.0	411.6	428.1	444.6	439.1	433.6	428.1	422.6	446.8
12.5°	385.2	388.5	398.4	407.2	417.1	425.9	444.6	462.2	481.0	498.6	509.6
15°	346.7	350.0	376.4	401.7	428.1	453.4	445.7	438.0	430.3	422.6	434.7
17.5°	433.6	447.9	422.6	396.2	370.9	344.5	375.3	407.2	438.0	468.9	479.9
20°	409.4	424.8	438.0	451.2	464.4	477.7	466.7	456.7	445.7	434.7	425.9
22.5°	435.8	410.5	425.9	442.4	457.8	473.3	465.5	458.9	451.2	443.5	461.1
25°	500.8	519.5	495.3	471.1	446.8	422.6	450.1	477.7	504.1	531.6	514.0
27.5°	505.2	486.5	508.5	529.4	551.4	572.3	549.2	527.2	504.1	481.0	506.3
30°	594.3	571.2	564.6	558.0	551.4	544.8	556.9	569.0	580.0	592.1	595.4
32.5°	672.5	633.9	643.8	654.9	664.8	674.7	665.9	658.2	649.3	640.5	678.0
35°	748.4	722.0	726.4	730.8	735.2	739.6	741.8	742.9	745.1	746.2	794.6
37.5°	801.2	773.7	789.1	804.5	819.9	835.3	835.3	834.2	834.2	833.1	888.2
40°	859.6	829.8	851.9	872.8	894.8	915.7	920.1	924.5	928.9	933.3	983.9
42.5°	935.5	905.8	924.5	942.1	960.8	978.4	986.1	993.8	1000.4	1008.1	1058.8
45°	1008.1	980.6	994.9	1009.2	1023.5	1037.9	1044.5	1051.1	1057.7	1064.3	1122.6
47.5°	1076.4	1052.2	1061.0	1068.7	1077.5	1085.2	1090.7	1095.1	1100.6	1105.0	1163.3
50°	1143.5	1119.3	1121.5	1123.7	1124.8	1127.0	1129.2	1132.5	1134.7	1136.9	1205.1
52.5°	1209.5	1179.8	1174.3	1168.8	1163.3	1157.8	1157.8	1156.7	1156.7	1155.6	1208.4
55°	1263.5	1221.7	1208.4	1194.1	1180.9	1166.6	1161.1	1155.6	1149.0	1143.5	1171.0
57.5°	1291.0	1241.5	1221.7	1200.7	1180.9	1160.0	1141.3	1121.5	1102.8	1083.0	1078.6
60°	1308.6	1251.4	1220.6	1188.6	1157.8	1125.9	1079.7	1033.5	987.2	941.0	916.8
62.5°	1302.0	1229.4	1182.0	1133.6	1086.3	1037.9	966.3	894.8	822.1	750.6	716.5
65°	1282.2	1186.4	1118.2	1048.9	980.6	911.3	825.4	739.6	653.8	567.9	536.0
67.5°	1240.4	1114.9	1019.1	924.5	828.7	733.0	646.0	559.1	472.2	385.2	362.1
70°	1149.0	991.6	879.4	766.0	653.8	540.4	466.7	391.8	318.1	243.2	232.2
72.5°	989.4	812.2	697.8	584.4	470.0	355.5	304.9	254.2	203.6	153.0	149.7
75°	734.1	572.3	484.3	395.1	307.1	217.9	188.2	159.6	129.9	100.2	101.3
77.5°	398.4	298.3	256.4	214.6	171.7	129.9	115.6	101.3	86.9	72.6	74.8
80°	132.1	90.2	83.6	77.0	70.4	63.8	58.3	52.8	47.3	41.8	44.0
82.5°	36.3	27.5	29.7	33.0	35.2	37.4	37.4	37.4	36.3	36.3	36.3
85°	15.4	14.3	13.2	13.2	12.1	11.0	13.2	15.4	17.6	19.8	20.9
87.5°	4.4	4.4	4.4	3.3	3.3	2.2	2.2	2.2	2.2	2.2	3.3
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):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0
2.5°	449.0	446.8	444.6	441.3	439.1	435.8	432.5	429.2	425.9	421.5	418.2
5°	440.2	442.4	444.6	445.7	447.9	449.0	450.1	451.2	452.3	452.3	453.4
7.5°	483.2	484.3	484.3	477.7	472.2	465.5	458.9	457.8	457.8	456.7	455.6
10°	472.2	496.4	520.6	520.6	519.5	519.5	518.4	518.4	519.5	519.5	519.5
12.5°	520.6	531.6	542.6	538.2	534.9	530.5	526.1	507.4	487.6	468.9	449.0
15°	446.8	457.8	470.0	486.5	503.0	519.5	536.0	534.9	534.9	533.8	532.7
17.5°	489.8	500.8	510.7	503.0	495.3	486.5	478.8	464.4	450.1	435.8	421.5
20°	418.2	409.4	400.6	435.8	471.1	506.3	541.5	540.4	540.4	539.3	538.2
22.5°	478.8	495.3	512.9	499.7	486.5	473.3	460.0	457.8	454.5	452.3	449.0
25°	496.4	477.7	460.0	493.1	527.2	560.2	593.2	598.7	604.2	608.6	614.1
27.5°	532.7	558.0	583.3	576.7	570.1	562.4	555.8	560.2	564.6	569.0	573.4
30°	599.8	603.1	606.4	654.9	704.4	752.8	801.2	807.8	813.3	819.9	825.4
32.5°	715.4	751.7	789.1	818.8	849.7	879.4	909.1	948.7	989.4	1029.1	1068.7
35°	844.2	892.6	941.0	998.2	1056.6	1113.8	1171.0	1185.3	1200.7	1215.1	1229.4
37.5°	943.2	998.2	1053.3	1112.7	1171.0	1230.5	1288.8	1299.8	1310.8	1321.8	1332.8
40°	1034.6	1085.2	1135.8	1198.5	1261.3	1324.0	1386.7	1395.5	1404.4	1413.2	1422.0
42.5°	1109.4	1158.9	1209.5	1272.3	1335.0	1397.7	1460.5	1468.2	1474.8	1482.5	1489.1
45°	1180.9	1239.3	1297.6	1352.6	1407.7	1461.6	1516.6	1522.1	1526.5	1532.0	1536.4
47.5°	1222.8	1281.1	1339.4	1391.1	1442.9	1493.5	1545.2	1545.2	1545.2	1545.2	1545.2
50°	1273.4	1340.5	1408.8	1435.2	1460.5	1486.9	1512.2	1506.7	1501.2	1494.6	1489.1
52.5°	1260.2	1313.0	1364.7	1374.6	1384.5	1394.4	1404.4	1390.0	1376.8	1362.5	1348.2
55°	1198.5	1225.0	1252.5	1236.0	1218.4	1201.8	1184.2	1143.5	1102.8	1062.1	1021.3
57.5°	1074.2	1069.8	1065.4	1021.3	978.4	934.4	890.4	864.0	838.6	812.2	785.8
60°	893.7	869.5	845.3	805.6	766.0	726.4	686.8	672.5	657.1	642.7	627.3
62.5°	682.4	648.2	614.1	594.3	574.5	554.7	534.9	520.6	505.2	490.9	475.5
65°	505.2	473.3	441.3	424.8	408.3	390.7	374.2	364.3	354.4	343.4	333.5
67.5°	340.1	317.0	293.9	284.0	272.9	263.0	252.0	247.6	242.1	237.7	232.2
70°	220.1	209.1	197.0	192.6	189.3	184.9	180.5	176.1	171.7	167.3	162.9
72.5°	146.4	143.1	139.8	137.6	135.4	133.2	131.0	128.8	125.5	123.3	120.0
75°	101.3	102.4	102.4	101.3	101.3	100.2	99.1	90.2	81.4	72.6	63.8
77.5°	75.9	78.1	79.2	73.7	68.2	61.6	56.1	55.0	53.9	52.8	51.7
80°	47.3	49.5	51.7	49.5	48.4	46.2	44.0	41.8	39.6	37.4	35.2
82.5°	36.3	36.3	36.3	34.1	31.9	28.6	26.4	25.3	24.2	23.1	22.0
85°	22.0	23.1	24.2	22.0	18.7	16.5	13.2	11.0	8.8	6.6	4.4
87.5°	3.3	4.4	4.4	4.4	3.3	3.3	2.2	2.2	2.2	1.1	1.1
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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CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	361.0	361.0
2.5°	409.4	400.6
5°	454.5	455.6
7.5°	428.1	399.5
10°	519.5	519.5
12.5°	443.5	436.9
15°	530.5	528.3
17.5°	420.4	418.2
20°	537.1	536.0
22.5°	449.0	447.9
25°	615.2	615.2
27.5°	573.4	572.3
30°	825.4	825.4
32.5°	1089.6	1109.4
35°	1232.7	1236.0
37.5°	1338.3	1342.7
40°	1425.3	1428.6
42.5°	1490.2	1490.2
45°	1536.4	1536.4
47.5°	1544.1	1543.0
50°	1485.8	1482.5
52.5°	1335.0	1320.7
55°	1013.6	1004.8
57.5°	783.6	780.3
60°	627.3	627.3
62.5°	471.1	466.7
65°	329.1	323.6
67.5°	230.0	227.8
70°	162.9	161.8
72.5°	118.9	117.8
75°	62.7	60.5
77.5°	51.7	50.6
80°	36.3	36.3
82.5°	22.0	20.9
85°	3.3	2.2
87.5°	1.1	1.1
90°	0.0	0.0

(END OF REPORT)