

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: P560441

Luminaire Tested: **SDL-PA1-40-827-U-5WQ**

Issue Date: 7/26/2021

Test Information

Test Method: LM-79-08
Report Number: P560441
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-PA1-40-827-U-5WQ
Description: Springdale
(1) 80 CRI, 2700K, 500mA LIGHT ENGINE WITH 24 LEDS AND TYPE V WIDE OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3766 lumens
Efficiency: N/A
Efficacy: 95.6 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): 39.4
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

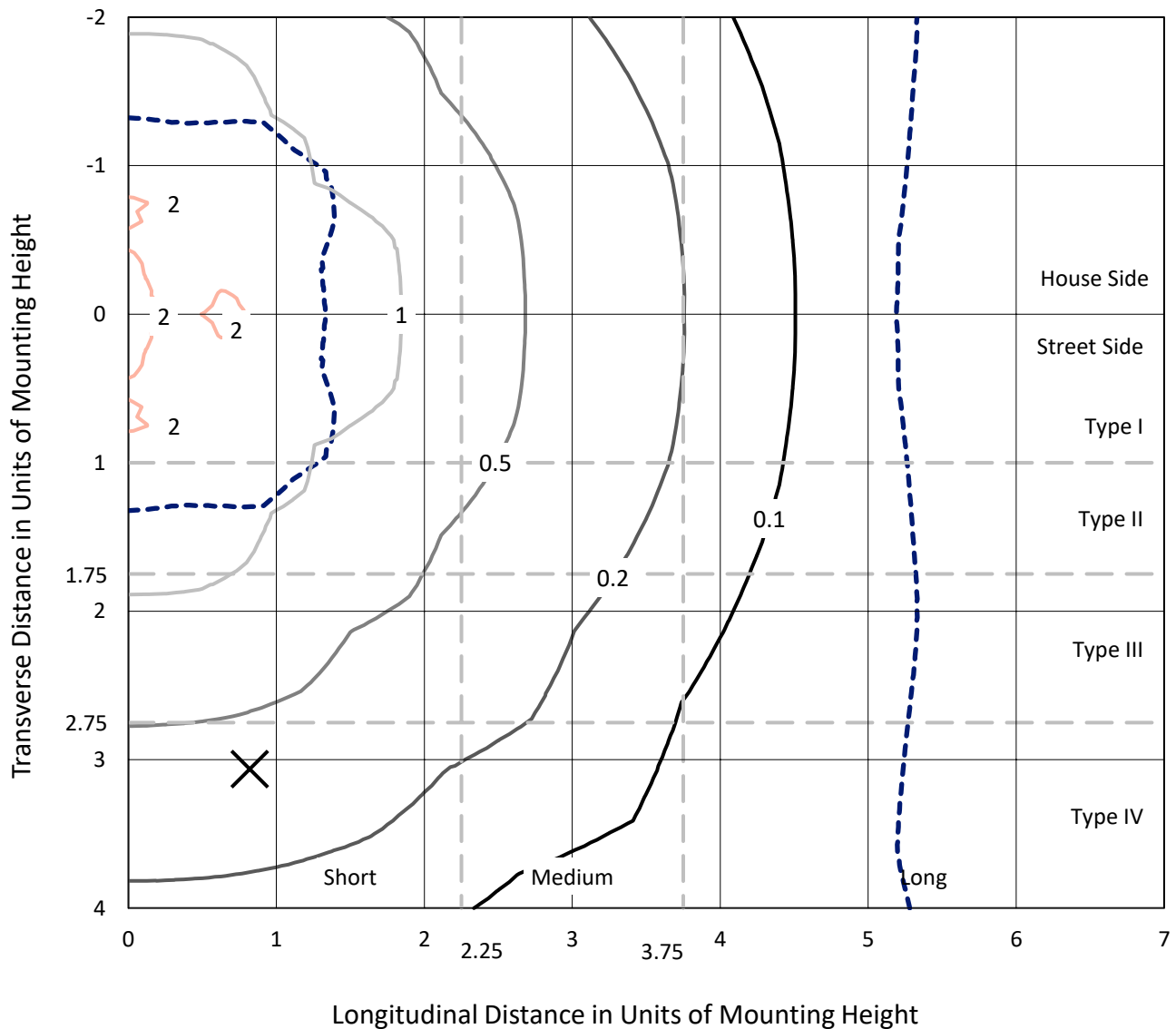


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

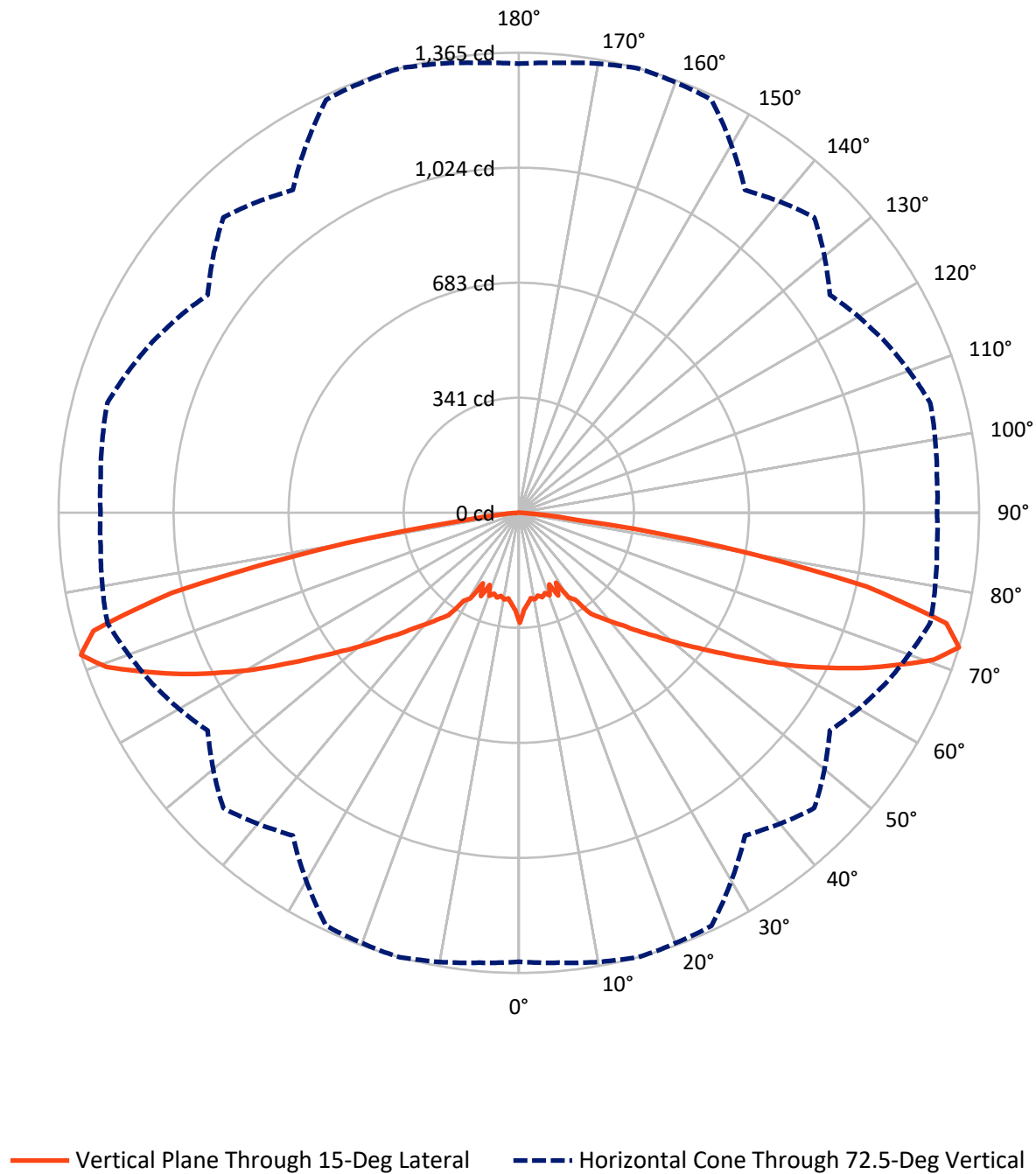


Based on 10 foot mounting height. Maximum calculated value = 3.3 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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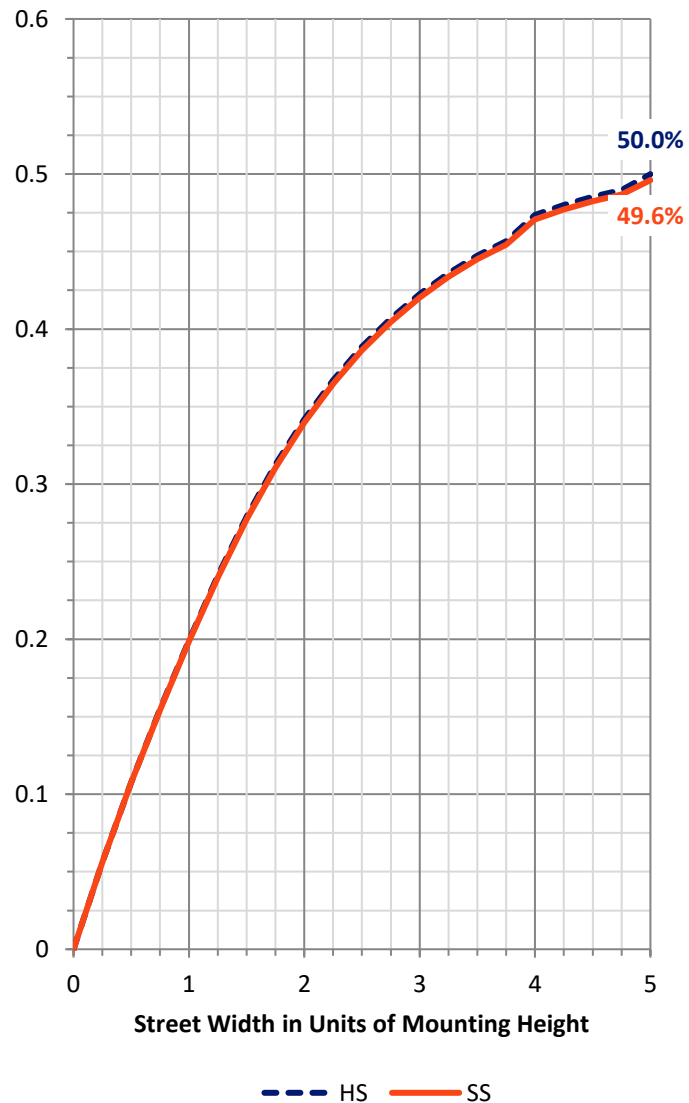
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1883.0	0.0	1883.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1883.0	0.0	1883.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	3766.0	0.0	3766.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.6	0.7
10°-20°	59.4	1.6
20°-30°	106.1	2.8
30°-40°	202.9	5.4
40°-50°	345.6	9.2
50°-60°	605.0	16.1
60°-70°	1020.8	27.1
70°-80°	1190.7	31.6
80°-90°	210.0	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°	3766.0	100.0
0°-180°	3766.0	100.0

Coefficient of Utilization



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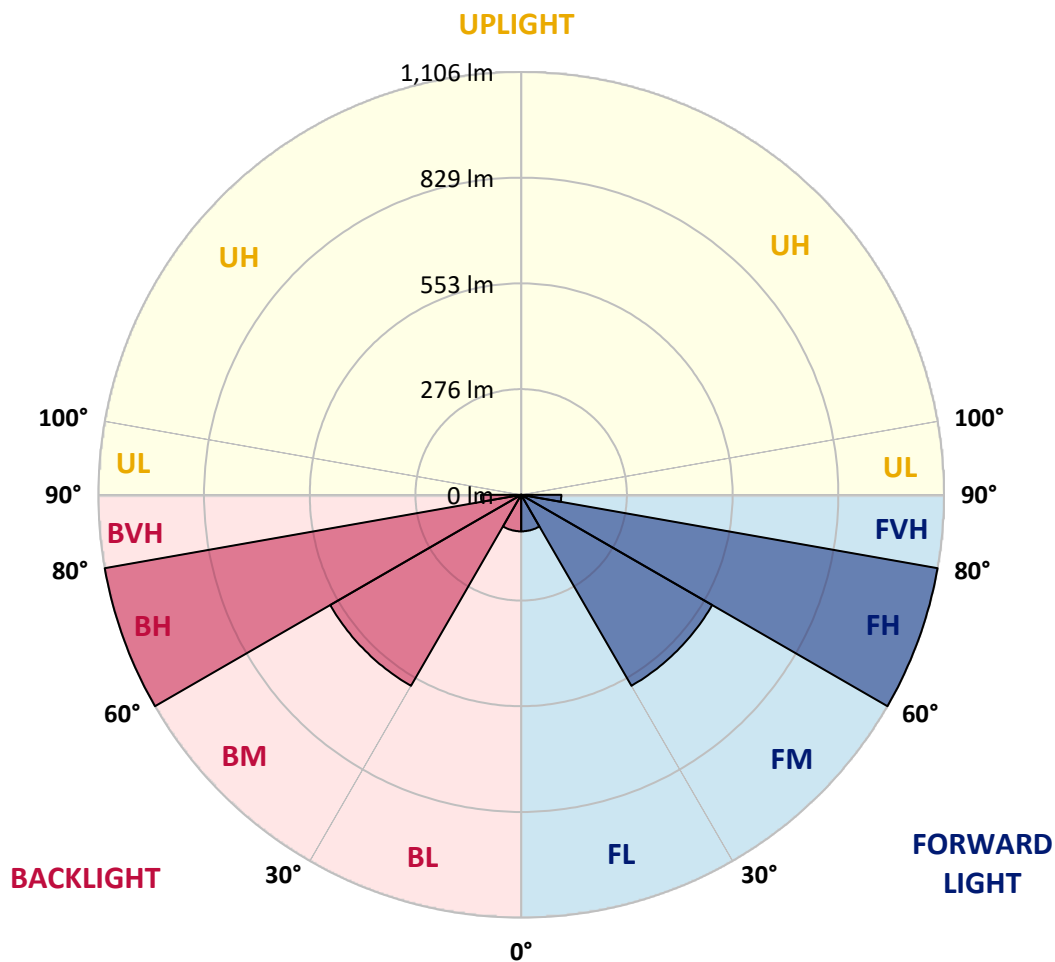
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	95.6	2.5			
FM	(30°-60°)	576.7	15.3			
FH	(60°-80°)	1105.7	29.4			G1/1800
FVH	(80°-90°)	105.0	2.8			G2/225
BL	(0°-30°)	95.6	2.5	B0/110		
BM	(30°-60°)	576.7	15.3	B1/1000		
BH	(60°-80°)	1105.7	29.4	B3/2500		G1/1800
BVH	(80°-90°)	105.0	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°	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1
2.5°	288.9	290.3	290.3	290.3	290.3	288.9	288.9	292.9	296.9	300.9	304.9
5°	273.0	273.0	273.0	273.0	273.0	271.7	271.7	271.7	271.7	271.7	271.7
7.5°	233.3	235.9	237.3	242.6	246.5	251.8	255.8	257.1	258.5	258.5	259.8
10°	262.4	262.4	262.4	262.4	262.4	261.1	261.1	258.5	257.1	254.5	251.8
12.5°	230.6	229.3	228.0	234.6	239.9	246.5	251.8	253.2	254.5	255.8	257.1
15°	265.1	265.1	265.1	263.8	262.4	261.1	259.8	250.5	241.2	230.6	221.4
17.5°	225.3	226.7	226.7	233.3	238.6	245.2	250.5	247.9	245.2	241.2	238.6
20°	270.4	270.4	270.4	267.7	266.4	263.8	261.1	245.2	229.3	212.1	196.2
22.5°	229.3	229.3	229.3	229.3	230.6	230.6	230.6	232.0	233.3	234.6	235.9
25°	279.7	281.0	281.0	278.3	277.0	274.4	271.7	258.5	243.9	230.6	216.0
27.5°	241.2	241.2	241.2	239.9	238.6	235.9	234.6	237.3	241.2	243.9	246.5
30°	295.6	295.6	295.6	294.3	294.3	292.9	291.6	278.3	263.8	250.5	235.9
32.5°	359.2	357.9	356.5	344.6	332.7	319.4	307.5	300.9	294.3	286.3	279.7
35°	381.7	381.7	380.4	377.8	375.1	371.1	368.5	355.2	342.0	328.7	315.5
37.5°	404.3	404.3	402.9	401.6	399.0	397.6	395.0	380.4	367.2	352.6	338.0
40°	432.1	433.4	433.4	432.1	429.4	428.1	425.5	409.6	395.0	379.1	363.2
42.5°	466.6	466.6	465.2	463.9	462.6	459.9	458.6	444.0	428.1	413.5	397.6
45°	507.6	507.6	506.3	505.0	505.0	503.7	502.3	489.1	474.5	461.3	446.7
47.5°	558.0	556.7	555.4	554.0	551.4	550.1	547.4	532.8	519.6	505.0	490.4
50°	611.0	611.0	611.0	609.7	608.4	605.7	604.4	591.2	577.9	563.3	550.1
52.5°	668.0	669.4	669.4	669.4	668.0	668.0	666.7	653.4	640.2	625.6	612.4
55°	735.6	735.6	735.6	735.6	737.0	737.0	737.0	723.7	710.4	697.2	683.9
57.5°	812.5	817.8	821.8	821.8	821.8	821.8	821.8	808.5	795.3	782.0	768.8
60°	901.3	902.6	904.0	907.9	910.6	914.6	917.2	905.3	893.4	881.4	869.5
62.5°	988.8	991.4	992.8	998.1	1002.0	1007.3	1011.3	1003.4	994.1	986.1	976.9
65°	1078.9	1081.6	1082.9	1089.5	1097.5	1104.1	1110.7	1104.1	1098.8	1092.2	1085.5
67.5°	1174.4	1177.0	1178.3	1185.0	1192.9	1199.5	1206.2	1203.5	1200.9	1198.2	1195.6
70°	1276.4	1277.7	1277.7	1284.4	1292.3	1298.9	1305.6	1304.2	1302.9	1301.6	1300.3
72.5°	1332.1	1336.1	1340.0	1346.7	1353.3	1358.6	1365.2	1362.6	1358.6	1355.9	1352.0
75°	1260.5	1263.2	1265.8	1276.4	1288.3	1298.9	1309.5	1313.5	1318.8	1322.8	1326.8
77.5°	987.5	999.4	1010.0	1021.9	1032.5	1044.5	1055.1	1077.6	1098.8	1121.3	1142.5
80°	489.1	495.7	502.3	528.9	555.4	581.9	608.4	648.1	689.2	729.0	768.8
82.5°	118.0	118.0	118.0	132.5	145.8	160.4	173.6	209.4	246.5	282.3	318.1
85°	23.9	25.2	26.5	33.1	39.8	45.1	51.7	57.0	62.3	67.6	72.9
87.5°	4.0	4.0	4.0	4.0	5.3	5.3	5.3	6.6	8.0	8.0	9.3
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):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1
2.5°	306.2	308.8	310.2	311.5	312.8	314.1	315.5	316.8	318.1	318.1	319.4
5°	271.7	271.7	271.7	271.7	271.7	271.7	271.7	271.7	273.0	274.4	275.7
7.5°	261.1	262.4	263.8	265.1	265.1	265.1	263.8	263.8	262.4	262.4	261.1
10°	245.2	238.6	230.6	224.0	224.0	225.3	225.3	225.3	221.4	218.7	214.7
12.5°	251.8	246.5	239.9	234.6	225.3	217.4	208.1	198.8	196.2	193.5	190.9
15°	213.4	206.8	198.8	190.9	186.9	181.6	177.6	172.3	171.0	169.7	167.0
17.5°	232.0	225.3	217.4	210.7	197.5	184.2	171.0	157.7	164.4	172.3	178.9
20°	197.5	197.5	198.8	198.8	198.8	197.5	197.5	196.2	192.2	186.9	182.9
22.5°	225.3	213.4	202.8	190.9	193.5	196.2	198.8	201.5	194.8	188.2	180.3
25°	220.0	224.0	226.7	230.6	220.0	209.4	197.5	186.9	192.2	197.5	202.8
27.5°	238.6	230.6	221.4	213.4	217.4	221.4	224.0	228.0	221.4	214.7	208.1
30°	237.3	238.6	238.6	239.9	234.6	228.0	222.7	216.0	218.7	222.7	225.3
32.5°	271.7	262.4	254.5	245.2	245.2	245.2	243.9	243.9	243.9	245.2	245.2
35°	303.5	292.9	281.0	269.1	266.4	265.1	262.4	259.8	262.4	265.1	267.7
37.5°	326.1	312.8	300.9	287.6	286.3	285.0	282.3	281.0	281.0	281.0	281.0
40°	351.2	339.3	327.4	315.5	312.8	310.2	306.2	303.5	302.2	300.9	298.2
42.5°	385.7	372.5	360.5	347.3	343.3	338.0	334.0	328.7	327.4	326.1	323.4
45°	430.8	413.5	397.6	380.4	375.1	371.1	365.8	360.5	359.2	356.5	355.2
47.5°	471.9	454.6	436.1	417.5	414.9	410.9	408.2	404.3	401.6	397.6	395.0
50°	527.5	503.7	481.1	457.3	457.3	456.0	456.0	454.6	449.3	444.0	438.7
52.5°	589.8	566.0	543.4	519.6	516.9	515.6	513.0	510.3	505.0	499.7	493.1
55°	660.1	636.2	612.4	588.5	587.2	587.2	585.9	584.5	576.6	568.6	560.7
57.5°	744.9	722.4	698.5	674.7	676.0	676.0	677.3	677.3	666.7	656.1	644.2
60°	843.0	816.5	788.6	762.1	766.1	771.4	775.4	779.4	766.1	752.9	738.3
62.5°	950.4	922.5	896.0	868.2	876.1	884.1	890.7	898.7	878.8	858.9	839.0
65°	1053.7	1021.9	990.1	958.3	972.9	988.8	1003.4	1017.9	994.1	970.2	946.4
67.5°	1158.4	1122.7	1085.5	1048.4	1065.7	1082.9	1100.1	1117.4	1093.5	1068.3	1044.5
70°	1255.2	1210.1	1165.1	1120.0	1137.2	1154.5	1171.7	1188.9	1166.4	1143.9	1121.3
72.5°	1306.9	1260.5	1215.4	1169.1	1186.3	1204.8	1222.1	1239.3	1211.5	1183.6	1154.5
75°	1287.0	1245.9	1206.2	1165.1	1190.3	1215.4	1240.6	1265.8	1228.7	1190.3	1153.1
77.5°	1122.7	1104.1	1084.2	1064.3	1109.4	1154.5	1199.5	1244.6	1191.6	1137.2	1084.2
80°	782.0	796.6	809.9	823.1	888.1	953.0	1016.6	1081.6	1019.3	958.3	896.0
82.5°	359.2	400.3	440.1	481.1	546.1	611.0	674.7	739.6	670.7	601.8	531.5
85°	86.2	99.4	111.3	124.6	157.7	190.9	224.0	257.1	229.3	201.5	173.6
87.5°	10.6	11.9	11.9	13.3	11.9	11.9	10.6	9.3	10.6	10.6	11.9
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):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1
2.5°	319.4	320.8	320.8	322.1	322.1	322.1	322.1	320.8	320.8	320.8	322.1
5°	277.0	283.6	288.9	295.6	300.9	303.5	307.5	310.2	312.8	314.1	314.1
7.5°	259.8	257.1	253.2	250.5	246.5	251.8	258.5	263.8	269.1	270.4	271.7
10°	210.7	209.4	206.8	205.4	202.8	204.1	206.8	208.1	209.4	216.0	224.0
12.5°	188.2	189.5	190.9	192.2	193.5	189.5	185.6	180.3	176.3	182.9	189.5
15°	165.7	165.7	167.0	167.0	167.0	172.3	177.6	182.9	188.2	197.5	208.1
17.5°	185.6	182.9	180.3	176.3	173.6	175.0	175.0	176.3	176.3	181.6	185.6
20°	177.6	173.6	171.0	167.0	163.0	169.7	176.3	182.9	189.5	200.1	210.7
22.5°	173.6	181.6	188.2	196.2	202.8	198.8	194.8	189.5	185.6	185.6	185.6
25°	208.1	201.5	194.8	188.2	181.6	193.5	204.1	216.0	226.7	234.6	241.2
27.5°	201.5	206.8	212.1	216.0	221.4	228.0	234.6	241.2	247.9	259.8	270.4
30°	228.0	234.6	241.2	246.5	253.2	270.4	286.3	303.5	319.4	327.4	335.3
32.5°	245.2	258.5	270.4	283.6	295.6	304.9	314.1	323.4	332.7	340.6	349.9
35°	270.4	281.0	290.3	300.9	310.2	320.8	331.4	340.6	351.2	359.2	367.2
37.5°	281.0	292.9	304.9	315.5	327.4	340.6	352.6	365.8	377.8	384.4	389.7
40°	296.9	311.5	326.1	340.6	355.2	368.5	381.7	395.0	408.2	413.5	418.8
42.5°	322.1	338.0	353.9	368.5	384.4	399.0	412.2	426.8	440.1	445.4	450.7
45°	352.6	368.5	384.4	400.3	416.2	432.1	448.0	463.9	479.8	486.4	493.1
47.5°	391.0	406.9	424.1	440.1	456.0	475.8	494.4	514.3	532.8	538.1	543.4
50°	433.4	449.3	465.2	481.1	497.0	522.2	546.1	571.3	595.1	597.8	601.8
52.5°	487.8	503.7	518.3	534.2	548.7	576.6	604.4	630.9	658.8	660.1	662.7
55°	552.7	567.3	583.2	597.8	612.4	642.8	672.0	702.5	731.7	731.7	733.0
57.5°	633.6	649.5	665.4	680.0	695.9	725.0	754.2	782.0	811.2	809.9	808.5
60°	725.0	739.6	752.9	767.4	780.7	808.5	837.7	865.5	893.4	890.7	886.7
62.5°	819.1	835.0	850.9	865.5	881.4	904.0	927.8	950.4	972.9	967.6	962.3
65°	922.5	938.4	955.7	971.6	987.5	1004.7	1023.3	1040.5	1057.7	1052.4	1048.4
67.5°	1019.3	1037.8	1056.4	1073.6	1092.2	1105.4	1118.7	1130.6	1143.9	1137.2	1130.6
70°	1098.8	1114.7	1130.6	1146.5	1162.4	1175.7	1188.9	1202.2	1215.4	1208.8	1202.2
72.5°	1126.6	1145.2	1163.7	1181.0	1199.5	1215.4	1231.3	1247.3	1263.2	1259.2	1253.9
75°	1114.7	1128.0	1141.2	1154.5	1167.7	1179.7	1192.9	1204.8	1216.8	1210.1	1203.5
77.5°	1029.9	1028.6	1025.9	1024.6	1021.9	1021.9	1023.3	1023.3	1023.3	1015.3	1007.3
80°	833.7	809.9	786.0	762.1	738.3	710.4	682.6	654.8	626.9	600.4	573.9
82.5°	462.6	408.2	355.2	300.9	246.5	224.0	200.1	177.6	153.8	143.1	131.2
85°	145.8	127.2	108.7	90.1	71.6	67.6	63.6	58.3	54.3	50.4	46.4
87.5°	11.9	10.6	10.6	9.3	8.0	6.6	6.6	5.3	4.0	4.0	4.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1
2.5°	322.1	322.1	322.1	322.1	322.1	322.1	322.1	322.1	320.8	320.8	320.8
5°	315.5	315.5	315.5	315.5	315.5	315.5	315.5	314.1	314.1	312.8	310.2
7.5°	271.7	273.0	273.0	271.7	273.0	273.0	271.7	271.7	270.4	269.1	263.8
10°	230.6	237.3	237.3	237.3	237.3	237.3	230.6	224.0	216.0	209.4	208.1
12.5°	196.2	202.8	202.8	202.8	202.8	202.8	196.2	189.5	182.9	176.3	180.3
15°	217.4	226.7	226.7	226.7	226.7	226.7	217.4	208.1	197.5	188.2	182.9
17.5°	190.9	194.8	196.2	196.2	196.2	194.8	190.9	185.6	181.6	176.3	176.3
20°	220.0	230.6	232.0	233.3	232.0	230.6	220.0	210.7	200.1	189.5	182.9
22.5°	184.2	184.2	185.6	185.6	185.6	184.2	184.2	185.6	185.6	185.6	189.5
25°	249.2	255.8	255.8	254.5	255.8	255.8	249.2	241.2	234.6	226.7	216.0
27.5°	282.3	292.9	295.6	296.9	295.6	292.9	282.3	270.4	259.8	247.9	241.2
30°	343.3	351.2	351.2	351.2	351.2	351.2	343.3	335.3	327.4	319.4	303.5
32.5°	357.9	365.8	365.8	365.8	365.8	365.8	357.9	349.9	340.6	332.7	323.4
35°	373.8	381.7	383.1	383.1	383.1	381.7	373.8	367.2	359.2	351.2	340.6
37.5°	396.3	401.6	402.9	404.3	402.9	401.6	396.3	389.7	384.4	377.8	365.8
40°	422.8	428.1	428.1	428.1	428.1	428.1	422.8	418.8	413.5	408.2	395.0
42.5°	456.0	461.3	462.6	463.9	462.6	461.3	456.0	450.7	445.4	440.1	426.8
45°	498.4	505.0	506.3	507.6	506.3	505.0	498.4	493.1	486.4	479.8	463.9
47.5°	548.7	554.0	554.0	554.0	554.0	554.0	548.7	543.4	538.1	532.8	514.3
50°	604.4	607.1	608.4	608.4	608.4	607.1	604.4	601.8	597.8	595.1	571.3
52.5°	664.1	665.4	665.4	664.1	665.4	665.4	664.1	662.7	660.1	658.8	630.9
55°	733.0	733.0	731.7	729.0	731.7	733.0	733.0	733.0	731.7	731.7	702.5
57.5°	807.2	805.9	805.9	804.6	805.9	805.9	807.2	808.5	809.9	811.2	782.0
60°	884.1	880.1	878.8	876.1	878.8	880.1	884.1	886.7	890.7	893.4	865.5
62.5°	957.0	951.7	951.7	951.7	951.7	951.7	957.0	962.3	967.6	972.9	950.4
65°	1043.1	1037.8	1035.2	1032.5	1035.2	1037.8	1043.1	1048.4	1052.4	1057.7	1040.5
67.5°	1124.0	1117.4	1114.7	1110.7	1114.7	1117.4	1124.0	1130.6	1137.2	1143.9	1130.6
70°	1194.2	1187.6	1186.3	1185.0	1186.3	1187.6	1194.2	1202.2	1208.8	1215.4	1202.2
72.5°	1249.9	1244.6	1243.3	1240.6	1243.3	1244.6	1249.9	1253.9	1259.2	1263.2	1247.3
75°	1196.9	1190.3	1186.3	1181.0	1186.3	1190.3	1196.9	1203.5	1210.1	1216.8	1204.8
77.5°	999.4	991.4	988.8	984.8	988.8	991.4	999.4	1007.3	1015.3	1023.3	1023.3
80°	547.4	520.9	514.3	506.3	514.3	520.9	547.4	573.9	600.4	626.9	654.8
82.5°	120.6	108.7	104.7	99.4	104.7	108.7	120.6	131.2	143.1	153.8	177.6
85°	41.1	37.1	34.5	31.8	34.5	37.1	41.1	46.4	50.4	54.3	58.3
87.5°	4.0	4.0	4.0	2.7	4.0	4.0	4.0	4.0	4.0	4.0	5.3
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: P560441

CATALOG NUMBER: SDL-PA1-40-827-U-5WQ

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1
2.5°	322.1	322.1	322.1	322.1	320.8	320.8	319.4	319.4	318.1	318.1	316.8
5°	307.5	303.5	300.9	295.6	288.9	283.6	277.0	275.7	274.4	273.0	271.7
7.5°	258.5	251.8	246.5	250.5	253.2	257.1	259.8	261.1	262.4	262.4	263.8
10°	206.8	204.1	202.8	205.4	206.8	209.4	210.7	214.7	218.7	221.4	225.3
12.5°	185.6	189.5	193.5	192.2	190.9	189.5	188.2	190.9	193.5	196.2	198.8
15°	177.6	172.3	167.0	167.0	167.0	165.7	165.7	167.0	169.7	171.0	172.3
17.5°	175.0	175.0	173.6	176.3	180.3	182.9	185.6	178.9	172.3	164.4	157.7
20°	176.3	169.7	163.0	167.0	171.0	173.6	177.6	182.9	186.9	192.2	196.2
22.5°	194.8	198.8	202.8	196.2	188.2	181.6	173.6	180.3	188.2	194.8	201.5
25°	204.1	193.5	181.6	188.2	194.8	201.5	208.1	202.8	197.5	192.2	186.9
27.5°	234.6	228.0	221.4	216.0	212.1	206.8	201.5	208.1	214.7	221.4	228.0
30°	286.3	270.4	253.2	246.5	241.2	234.6	228.0	225.3	222.7	218.7	216.0
32.5°	314.1	304.9	295.6	283.6	270.4	258.5	245.2	245.2	245.2	243.9	243.9
35°	331.4	320.8	310.2	300.9	290.3	281.0	270.4	267.7	265.1	262.4	259.8
37.5°	352.6	340.6	327.4	315.5	304.9	292.9	281.0	281.0	281.0	281.0	281.0
40°	381.7	368.5	355.2	340.6	326.1	311.5	296.9	298.2	300.9	302.2	303.5
42.5°	412.2	399.0	384.4	368.5	353.9	338.0	322.1	323.4	326.1	327.4	328.7
45°	448.0	432.1	416.2	400.3	384.4	368.5	352.6	355.2	356.5	359.2	360.5
47.5°	494.4	475.8	456.0	440.1	424.1	406.9	391.0	395.0	397.6	401.6	404.3
50°	546.1	522.2	497.0	481.1	465.2	449.3	433.4	438.7	444.0	449.3	454.6
52.5°	604.4	576.6	548.7	534.2	518.3	503.7	487.8	493.1	499.7	505.0	510.3
55°	672.0	642.8	612.4	597.8	583.2	567.3	552.7	560.7	568.6	576.6	584.5
57.5°	754.2	725.0	695.9	680.0	665.4	649.5	633.6	644.2	656.1	666.7	677.3
60°	837.7	808.5	780.7	767.4	752.9	739.6	725.0	738.3	752.9	766.1	779.4
62.5°	927.8	904.0	881.4	865.5	850.9	835.0	819.1	839.0	858.9	878.8	898.7
65°	1023.3	1004.7	987.5	971.6	955.7	938.4	922.5	946.4	970.2	994.1	1017.9
67.5°	1118.7	1105.4	1092.2	1073.6	1056.4	1037.8	1019.3	1044.5	1068.3	1093.5	1117.4
70°	1188.9	1175.7	1162.4	1146.5	1130.6	1114.7	1098.8	1121.3	1143.9	1166.4	1188.9
72.5°	1231.3	1215.4	1199.5	1181.0	1163.7	1145.2	1126.6	1154.5	1183.6	1211.5	1239.3
75°	1192.9	1179.7	1167.7	1154.5	1141.2	1128.0	1114.7	1153.1	1190.3	1228.7	1265.8
77.5°	1023.3	1021.9	1021.9	1024.6	1025.9	1028.6	1029.9	1084.2	1137.2	1191.6	1244.6
80°	682.6	710.4	738.3	762.1	786.0	809.9	833.7	896.0	958.3	1019.3	1081.6
82.5°	200.1	224.0	246.5	300.9	355.2	408.2	462.6	531.5	601.8	670.7	739.6
85°	63.6	67.6	71.6	90.1	108.7	127.2	145.8	173.6	201.5	229.3	257.1
87.5°	6.6	6.6	8.0	9.3	10.6	10.6	11.9	11.9	10.6	10.6	9.3
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: P560441

CATALOG NUMBER: SDL-PA1-40-827-U-5WQ

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1
2.5°	315.5	314.1	312.8	311.5	310.2	308.8	306.2	304.9	300.9	296.9	292.9
5°	271.7	271.7	271.7	271.7	271.7	271.7	271.7	271.7	271.7	271.7	271.7
7.5°	263.8	265.1	265.1	265.1	263.8	262.4	261.1	259.8	258.5	258.5	257.1
10°	225.3	225.3	224.0	224.0	230.6	238.6	245.2	251.8	254.5	257.1	258.5
12.5°	208.1	217.4	225.3	234.6	239.9	246.5	251.8	257.1	255.8	254.5	253.2
15°	177.6	181.6	186.9	190.9	198.8	206.8	213.4	221.4	230.6	241.2	250.5
17.5°	171.0	184.2	197.5	210.7	217.4	225.3	232.0	238.6	241.2	245.2	247.9
20°	197.5	197.5	198.8	198.8	198.8	197.5	197.5	196.2	212.1	229.3	245.2
22.5°	198.8	196.2	193.5	190.9	202.8	213.4	225.3	235.9	234.6	233.3	232.0
25°	197.5	209.4	220.0	230.6	226.7	224.0	220.0	216.0	230.6	243.9	258.5
27.5°	224.0	221.4	217.4	213.4	221.4	230.6	238.6	246.5	243.9	241.2	237.3
30°	222.7	228.0	234.6	239.9	238.6	238.6	237.3	235.9	250.5	263.8	278.3
32.5°	243.9	245.2	245.2	245.2	254.5	262.4	271.7	279.7	286.3	294.3	300.9
35°	262.4	265.1	266.4	269.1	281.0	292.9	303.5	315.5	328.7	342.0	355.2
37.5°	282.3	285.0	286.3	287.6	300.9	312.8	326.1	338.0	352.6	367.2	380.4
40°	306.2	310.2	312.8	315.5	327.4	339.3	351.2	363.2	379.1	395.0	409.6
42.5°	334.0	338.0	343.3	347.3	360.5	372.5	385.7	397.6	413.5	428.1	444.0
45°	365.8	371.1	375.1	380.4	397.6	413.5	430.8	446.7	461.3	474.5	489.1
47.5°	408.2	410.9	414.9	417.5	436.1	454.6	471.9	490.4	505.0	519.6	532.8
50°	456.0	456.0	457.3	457.3	481.1	503.7	527.5	550.1	563.3	577.9	591.2
52.5°	513.0	515.6	516.9	519.6	543.4	566.0	589.8	612.4	625.6	640.2	653.4
55°	585.9	587.2	587.2	588.5	612.4	636.2	660.1	683.9	697.2	710.4	723.7
57.5°	677.3	676.0	676.0	674.7	698.5	722.4	744.9	768.8	782.0	795.3	808.5
60°	775.4	771.4	766.1	762.1	788.6	816.5	843.0	869.5	881.4	893.4	905.3
62.5°	890.7	884.1	876.1	868.2	896.0	922.5	950.4	976.9	986.1	994.1	1003.4
65°	1003.4	988.8	972.9	958.3	990.1	1021.9	1053.7	1085.5	1092.2	1098.8	1104.1
67.5°	1100.1	1082.9	1065.7	1048.4	1085.5	1122.7	1158.4	1195.6	1198.2	1200.9	1203.5
70°	1171.7	1154.5	1137.2	1120.0	1165.1	1210.1	1255.2	1300.3	1301.6	1302.9	1304.2
72.5°	1222.1	1204.8	1186.3	1169.1	1215.4	1260.5	1306.9	1352.0	1355.9	1358.6	1362.6
75°	1240.6	1215.4	1190.3	1165.1	1206.2	1245.9	1287.0	1326.8	1322.8	1318.8	1313.5
77.5°	1199.5	1154.5	1109.4	1064.3	1084.2	1104.1	1122.7	1142.5	1121.3	1098.8	1077.6
80°	1016.6	953.0	888.1	823.1	809.9	796.6	782.0	768.8	729.0	689.2	648.1
82.5°	674.7	611.0	546.1	481.1	440.1	400.3	359.2	318.1	282.3	246.5	209.4
85°	224.0	190.9	157.7	124.6	111.3	99.4	86.2	72.9	67.6	62.3	57.0
87.5°	10.6	11.9	11.9	13.3	11.9	11.9	10.6	9.3	8.0	8.0	6.6
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: P560441

CATALOG NUMBER: SDL-PA1-40-827-U-5WQ

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1
2.5°	288.9	288.9	290.3	290.3	290.3	290.3	288.9	290.3	290.3	290.3	290.3
5°	271.7	271.7	273.0	273.0	273.0	273.0	273.0	273.0	273.0	273.0	273.0
7.5°	255.8	251.8	246.5	242.6	237.3	235.9	233.3	235.9	237.3	242.6	246.5
10°	261.1	261.1	262.4	262.4	262.4	262.4	262.4	262.4	262.4	262.4	262.4
12.5°	251.8	246.5	239.9	234.6	228.0	229.3	230.6	229.3	228.0	234.6	239.9
15°	259.8	261.1	262.4	263.8	265.1	265.1	265.1	265.1	265.1	263.8	262.4
17.5°	250.5	245.2	238.6	233.3	226.7	226.7	225.3	226.7	226.7	233.3	238.6
20°	261.1	263.8	266.4	267.7	270.4	270.4	270.4	270.4	270.4	267.7	266.4
22.5°	230.6	230.6	230.6	229.3	229.3	229.3	229.3	229.3	229.3	229.3	230.6
25°	271.7	274.4	277.0	278.3	281.0	281.0	279.7	281.0	281.0	278.3	277.0
27.5°	234.6	235.9	238.6	239.9	241.2	241.2	241.2	241.2	241.2	239.9	238.6
30°	291.6	292.9	294.3	294.3	295.6	295.6	295.6	295.6	295.6	294.3	294.3
32.5°	307.5	319.4	332.7	344.6	356.5	357.9	359.2	357.9	356.5	344.6	332.7
35°	368.5	371.1	375.1	377.8	380.4	381.7	381.7	381.7	380.4	377.8	375.1
37.5°	395.0	397.6	399.0	401.6	402.9	404.3	404.3	404.3	402.9	401.6	399.0
40°	425.5	428.1	429.4	432.1	433.4	433.4	432.1	433.4	433.4	432.1	429.4
42.5°	458.6	459.9	462.6	463.9	465.2	466.6	466.6	466.6	465.2	463.9	462.6
45°	502.3	503.7	505.0	505.0	506.3	507.6	507.6	507.6	506.3	505.0	505.0
47.5°	547.4	550.1	551.4	554.0	555.4	556.7	558.0	556.7	555.4	554.0	551.4
50°	604.4	605.7	608.4	609.7	611.0	611.0	611.0	611.0	611.0	609.7	608.4
52.5°	666.7	668.0	668.0	669.4	669.4	669.4	668.0	669.4	669.4	669.4	668.0
55°	737.0	737.0	737.0	735.6	735.6	735.6	735.6	735.6	735.6	735.6	737.0
57.5°	821.8	821.8	821.8	821.8	821.8	817.8	812.5	817.8	821.8	821.8	821.8
60°	917.2	914.6	910.6	907.9	904.0	902.6	901.3	902.6	904.0	907.9	910.6
62.5°	1011.3	1007.3	1002.0	998.1	992.8	991.4	988.8	991.4	992.8	998.1	1002.0
65°	1110.7	1104.1	1097.5	1089.5	1082.9	1081.6	1078.9	1081.6	1082.9	1089.5	1097.5
67.5°	1206.2	1199.5	1192.9	1185.0	1178.3	1177.0	1174.4	1177.0	1178.3	1185.0	1192.9
70°	1305.6	1298.9	1292.3	1284.4	1277.7	1277.7	1276.4	1277.7	1277.7	1284.4	1292.3
72.5°	1365.2	1358.6	1353.3	1346.7	1340.0	1336.1	1332.1	1336.1	1340.0	1346.7	1353.3
75°	1309.5	1298.9	1288.3	1276.4	1265.8	1263.2	1260.5	1263.2	1265.8	1276.4	1288.3
77.5°	1055.1	1044.5	1032.5	1021.9	1010.0	999.4	987.5	999.4	1010.0	1021.9	1032.5
80°	608.4	581.9	555.4	528.9	502.3	495.7	489.1	495.7	502.3	528.9	555.4
82.5°	173.6	160.4	145.8	132.5	118.0	118.0	118.0	118.0	118.0	132.5	145.8
85°	51.7	45.1	39.8	33.1	26.5	25.2	23.9	25.2	26.5	33.1	39.8
87.5°	5.3	5.3	5.3	4.0	4.0	4.0	4.0	4.0	4.0	4.0	5.3
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: P560441

CATALOG NUMBER: SDL-PA1-40-827-U-5WQ

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1
2.5°	288.9	288.9	292.9	296.9	300.9	304.9	306.2	308.8	310.2	311.5	312.8
5°	271.7	271.7	271.7	271.7	271.7	271.7	271.7	271.7	271.7	271.7	271.7
7.5°	251.8	255.8	257.1	258.5	258.5	259.8	261.1	262.4	263.8	265.1	265.1
10°	261.1	261.1	258.5	257.1	254.5	251.8	245.2	238.6	230.6	224.0	224.0
12.5°	246.5	251.8	253.2	254.5	255.8	257.1	251.8	246.5	239.9	234.6	225.3
15°	261.1	259.8	250.5	241.2	230.6	221.4	213.4	206.8	198.8	190.9	186.9
17.5°	245.2	250.5	247.9	245.2	241.2	238.6	232.0	225.3	217.4	210.7	197.5
20°	263.8	261.1	245.2	229.3	212.1	196.2	197.5	197.5	198.8	198.8	198.8
22.5°	230.6	230.6	232.0	233.3	234.6	235.9	225.3	213.4	202.8	190.9	193.5
25°	274.4	271.7	258.5	243.9	230.6	216.0	220.0	224.0	226.7	230.6	220.0
27.5°	235.9	234.6	237.3	241.2	243.9	246.5	238.6	230.6	221.4	213.4	217.4
30°	292.9	291.6	278.3	263.8	250.5	235.9	237.3	238.6	238.6	239.9	234.6
32.5°	319.4	307.5	300.9	294.3	286.3	279.7	271.7	262.4	254.5	245.2	245.2
35°	371.1	368.5	355.2	342.0	328.7	315.5	303.5	292.9	281.0	269.1	266.4
37.5°	397.6	395.0	380.4	367.2	352.6	338.0	326.1	312.8	300.9	287.6	286.3
40°	428.1	425.5	409.6	395.0	379.1	363.2	351.2	339.3	327.4	315.5	312.8
42.5°	459.9	458.6	444.0	428.1	413.5	397.6	385.7	372.5	360.5	347.3	343.3
45°	503.7	502.3	489.1	474.5	461.3	446.7	430.8	413.5	397.6	380.4	375.1
47.5°	550.1	547.4	532.8	519.6	505.0	490.4	471.9	454.6	436.1	417.5	414.9
50°	605.7	604.4	591.2	577.9	563.3	550.1	527.5	503.7	481.1	457.3	457.3
52.5°	668.0	666.7	653.4	640.2	625.6	612.4	589.8	566.0	543.4	519.6	516.9
55°	737.0	737.0	723.7	710.4	697.2	683.9	660.1	636.2	612.4	588.5	587.2
57.5°	821.8	821.8	808.5	795.3	782.0	768.8	744.9	722.4	698.5	674.7	676.0
60°	914.6	917.2	905.3	893.4	881.4	869.5	843.0	816.5	788.6	762.1	766.1
62.5°	1007.3	1011.3	1003.4	994.1	986.1	976.9	950.4	922.5	896.0	868.2	876.1
65°	1104.1	1110.7	1104.1	1098.8	1092.2	1085.5	1053.7	1021.9	990.1	958.3	972.9
67.5°	1199.5	1206.2	1203.5	1200.9	1198.2	1195.6	1158.4	1122.7	1085.5	1048.4	1065.7
70°	1298.9	1305.6	1304.2	1302.9	1301.6	1300.3	1255.2	1210.1	1165.1	1120.0	1137.2
72.5°	1358.6	1365.2	1362.6	1358.6	1355.9	1352.0	1306.9	1260.5	1215.4	1169.1	1186.3
75°	1298.9	1309.5	1313.5	1318.8	1322.8	1326.8	1287.0	1245.9	1206.2	1165.1	1190.3
77.5°	1044.5	1055.1	1077.6	1098.8	1121.3	1142.5	1122.7	1104.1	1084.2	1064.3	1109.4
80°	581.9	608.4	648.1	689.2	729.0	768.8	782.0	796.6	809.9	823.1	888.1
82.5°	160.4	173.6	209.4	246.5	282.3	318.1	359.2	400.3	440.1	481.1	546.1
85°	45.1	51.7	57.0	62.3	67.6	72.9	86.2	99.4	111.3	124.6	157.7
87.5°	5.3	5.3	6.6	8.0	8.0	9.3	10.6	11.9	11.9	13.3	11.9
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: P560441

CATALOG NUMBER: SDL-PA1-40-827-U-5WQ

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1
2.5°	314.1	315.5	316.8	318.1	318.1	319.4	319.4	320.8	320.8	322.1	322.1
5°	271.7	271.7	271.7	273.0	274.4	275.7	277.0	283.6	288.9	295.6	300.9
7.5°	265.1	263.8	263.8	262.4	262.4	261.1	259.8	257.1	253.2	250.5	246.5
10°	225.3	225.3	225.3	221.4	218.7	214.7	210.7	209.4	206.8	205.4	202.8
12.5°	217.4	208.1	198.8	196.2	193.5	190.9	188.2	189.5	190.9	192.2	193.5
15°	181.6	177.6	172.3	171.0	169.7	167.0	165.7	165.7	167.0	167.0	167.0
17.5°	184.2	171.0	157.7	164.4	172.3	178.9	185.6	182.9	180.3	176.3	173.6
20°	197.5	197.5	196.2	192.2	186.9	182.9	177.6	173.6	171.0	167.0	163.0
22.5°	196.2	198.8	201.5	194.8	188.2	180.3	173.6	181.6	188.2	196.2	202.8
25°	209.4	197.5	186.9	192.2	197.5	202.8	208.1	201.5	194.8	188.2	181.6
27.5°	221.4	224.0	228.0	221.4	214.7	208.1	201.5	206.8	212.1	216.0	221.4
30°	228.0	222.7	216.0	218.7	222.7	225.3	228.0	234.6	241.2	246.5	253.2
32.5°	245.2	243.9	243.9	243.9	245.2	245.2	245.2	258.5	270.4	283.6	295.6
35°	265.1	262.4	259.8	262.4	265.1	267.7	270.4	281.0	290.3	300.9	310.2
37.5°	285.0	282.3	281.0	281.0	281.0	281.0	281.0	292.9	304.9	315.5	327.4
40°	310.2	306.2	303.5	302.2	300.9	298.2	296.9	311.5	326.1	340.6	355.2
42.5°	338.0	334.0	328.7	327.4	326.1	323.4	322.1	338.0	353.9	368.5	384.4
45°	371.1	365.8	360.5	359.2	356.5	355.2	352.6	368.5	384.4	400.3	416.2
47.5°	410.9	408.2	404.3	401.6	397.6	395.0	391.0	406.9	424.1	440.1	456.0
50°	456.0	456.0	454.6	449.3	444.0	438.7	433.4	449.3	465.2	481.1	497.0
52.5°	515.6	513.0	510.3	505.0	499.7	493.1	487.8	503.7	518.3	534.2	548.7
55°	587.2	585.9	584.5	576.6	568.6	560.7	552.7	567.3	583.2	597.8	612.4
57.5°	676.0	677.3	677.3	666.7	656.1	644.2	633.6	649.5	665.4	680.0	695.9
60°	771.4	775.4	779.4	766.1	752.9	738.3	725.0	739.6	752.9	767.4	780.7
62.5°	884.1	890.7	898.7	878.8	858.9	839.0	819.1	835.0	850.9	865.5	881.4
65°	988.8	1003.4	1017.9	994.1	970.2	946.4	922.5	938.4	955.7	971.6	987.5
67.5°	1082.9	1100.1	1117.4	1093.5	1068.3	1044.5	1019.3	1037.8	1056.4	1073.6	1092.2
70°	1154.5	1171.7	1188.9	1166.4	1143.9	1121.3	1098.8	1114.7	1130.6	1146.5	1162.4
72.5°	1204.8	1222.1	1239.3	1211.5	1183.6	1154.5	1126.6	1145.2	1163.7	1181.0	1199.5
75°	1215.4	1240.6	1265.8	1228.7	1190.3	1153.1	1114.7	1128.0	1141.2	1154.5	1167.7
77.5°	1154.5	1199.5	1244.6	1191.6	1137.2	1084.2	1029.9	1028.6	1025.9	1024.6	1021.9
80°	953.0	1016.6	1081.6	1019.3	958.3	896.0	833.7	809.9	786.0	762.1	738.3
82.5°	611.0	674.7	739.6	670.7	601.8	531.5	462.6	408.2	355.2	300.9	246.5
85°	190.9	224.0	257.1	229.3	201.5	173.6	145.8	127.2	108.7	90.1	71.6
87.5°	11.9	10.6	9.3	10.6	10.6	11.9	11.9	10.6	10.6	9.3	8.0
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: P560441

CATALOG NUMBER: SDL-PA1-40-827-U-5WQ

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1
2.5°	322.1	322.1	320.8	320.8	320.8	322.1	322.1	322.1	322.1	322.1	322.1
5°	303.5	307.5	310.2	312.8	314.1	314.1	315.5	315.5	315.5	315.5	315.5
7.5°	251.8	258.5	263.8	269.1	270.4	271.7	271.7	273.0	273.0	271.7	273.0
10°	204.1	206.8	208.1	209.4	216.0	224.0	230.6	237.3	237.3	237.3	237.3
12.5°	189.5	185.6	180.3	176.3	182.9	189.5	196.2	202.8	202.8	202.8	202.8
15°	172.3	177.6	182.9	188.2	197.5	208.1	217.4	226.7	226.7	226.7	226.7
17.5°	175.0	175.0	176.3	176.3	181.6	185.6	190.9	194.8	196.2	196.2	196.2
20°	169.7	176.3	182.9	189.5	200.1	210.7	220.0	230.6	232.0	233.3	232.0
22.5°	198.8	194.8	189.5	185.6	185.6	185.6	184.2	184.2	185.6	185.6	185.6
25°	193.5	204.1	216.0	226.7	234.6	241.2	249.2	255.8	255.8	254.5	255.8
27.5°	228.0	234.6	241.2	247.9	259.8	270.4	282.3	292.9	295.6	296.9	295.6
30°	270.4	286.3	303.5	319.4	327.4	335.3	343.3	351.2	351.2	351.2	351.2
32.5°	304.9	314.1	323.4	332.7	340.6	349.9	357.9	365.8	365.8	365.8	365.8
35°	320.8	331.4	340.6	351.2	359.2	367.2	373.8	381.7	383.1	383.1	383.1
37.5°	340.6	352.6	365.8	377.8	384.4	389.7	396.3	401.6	402.9	404.3	402.9
40°	368.5	381.7	395.0	408.2	413.5	418.8	422.8	428.1	428.1	428.1	428.1
42.5°	399.0	412.2	426.8	440.1	445.4	450.7	456.0	461.3	462.6	463.9	462.6
45°	432.1	448.0	463.9	479.8	486.4	493.1	498.4	505.0	506.3	507.6	506.3
47.5°	475.8	494.4	514.3	532.8	538.1	543.4	548.7	554.0	554.0	554.0	554.0
50°	522.2	546.1	571.3	595.1	597.8	601.8	604.4	607.1	608.4	608.4	608.4
52.5°	576.6	604.4	630.9	658.8	660.1	662.7	664.1	665.4	665.4	664.1	665.4
55°	642.8	672.0	702.5	731.7	731.7	733.0	733.0	733.0	731.7	729.0	731.7
57.5°	725.0	754.2	782.0	811.2	809.9	808.5	807.2	805.9	805.9	804.6	805.9
60°	808.5	837.7	865.5	893.4	890.7	886.7	884.1	880.1	878.8	876.1	878.8
62.5°	904.0	927.8	950.4	972.9	967.6	962.3	957.0	951.7	951.7	951.7	951.7
65°	1004.7	1023.3	1040.5	1057.7	1052.4	1048.4	1043.1	1037.8	1035.2	1032.5	1035.2
67.5°	1105.4	1118.7	1130.6	1143.9	1137.2	1130.6	1124.0	1117.4	1114.7	1110.7	1114.7
70°	1175.7	1188.9	1202.2	1215.4	1208.8	1202.2	1194.2	1187.6	1186.3	1185.0	1186.3
72.5°	1215.4	1231.3	1247.3	1263.2	1259.2	1253.9	1249.9	1244.6	1243.3	1240.6	1243.3
75°	1179.7	1192.9	1204.8	1216.8	1210.1	1203.5	1196.9	1190.3	1186.3	1181.0	1186.3
77.5°	1021.9	1023.3	1023.3	1023.3	1015.3	1007.3	999.4	991.4	988.8	984.8	988.8
80°	710.4	682.6	654.8	626.9	600.4	573.9	547.4	520.9	514.3	506.3	514.3
82.5°	224.0	200.1	177.6	153.8	143.1	131.2	120.6	108.7	104.7	99.4	104.7
85°	67.6	63.6	58.3	54.3	50.4	46.4	41.1	37.1	34.5	31.8	34.5
87.5°	6.6	6.6	5.3	4.0	4.0	4.0	4.0	4.0	4.0	2.7	4.0
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: P560441

CATALOG NUMBER: SDL-PA1-40-827-U-5WQ

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1
2.5°	322.1	322.1	322.1	320.8	320.8	320.8	322.1	322.1	322.1	322.1	320.8
5°	315.5	315.5	314.1	314.1	312.8	310.2	307.5	303.5	300.9	295.6	288.9
7.5°	273.0	271.7	271.7	270.4	269.1	263.8	258.5	251.8	246.5	250.5	253.2
10°	237.3	230.6	224.0	216.0	209.4	208.1	206.8	204.1	202.8	205.4	206.8
12.5°	202.8	196.2	189.5	182.9	176.3	180.3	185.6	189.5	193.5	192.2	190.9
15°	226.7	217.4	208.1	197.5	188.2	182.9	177.6	172.3	167.0	167.0	167.0
17.5°	194.8	190.9	185.6	181.6	176.3	176.3	175.0	175.0	173.6	176.3	180.3
20°	230.6	220.0	210.7	200.1	189.5	182.9	176.3	169.7	163.0	167.0	171.0
22.5°	184.2	184.2	185.6	185.6	185.6	189.5	194.8	198.8	202.8	196.2	188.2
25°	255.8	249.2	241.2	234.6	226.7	216.0	204.1	193.5	181.6	188.2	194.8
27.5°	292.9	282.3	270.4	259.8	247.9	241.2	234.6	228.0	221.4	216.0	212.1
30°	351.2	343.3	335.3	327.4	319.4	303.5	286.3	270.4	253.2	246.5	241.2
32.5°	365.8	357.9	349.9	340.6	332.7	323.4	314.1	304.9	295.6	283.6	270.4
35°	381.7	373.8	367.2	359.2	351.2	340.6	331.4	320.8	310.2	300.9	290.3
37.5°	401.6	396.3	389.7	384.4	377.8	365.8	352.6	340.6	327.4	315.5	304.9
40°	428.1	422.8	418.8	413.5	408.2	395.0	381.7	368.5	355.2	340.6	326.1
42.5°	461.3	456.0	450.7	445.4	440.1	426.8	412.2	399.0	384.4	368.5	353.9
45°	505.0	498.4	493.1	486.4	479.8	463.9	448.0	432.1	416.2	400.3	384.4
47.5°	554.0	548.7	543.4	538.1	532.8	514.3	494.4	475.8	456.0	440.1	424.1
50°	607.1	604.4	601.8	597.8	595.1	571.3	546.1	522.2	497.0	481.1	465.2
52.5°	665.4	664.1	662.7	660.1	658.8	630.9	604.4	576.6	548.7	534.2	518.3
55°	733.0	733.0	733.0	731.7	731.7	702.5	672.0	642.8	612.4	597.8	583.2
57.5°	805.9	807.2	808.5	809.9	811.2	782.0	754.2	725.0	695.9	680.0	665.4
60°	880.1	884.1	886.7	890.7	893.4	865.5	837.7	808.5	780.7	767.4	752.9
62.5°	951.7	957.0	962.3	967.6	972.9	950.4	927.8	904.0	881.4	865.5	850.9
65°	1037.8	1043.1	1048.4	1052.4	1057.7	1040.5	1023.3	1004.7	987.5	971.6	955.7
67.5°	1117.4	1124.0	1130.6	1137.2	1143.9	1130.6	1118.7	1105.4	1092.2	1073.6	1056.4
70°	1187.6	1194.2	1202.2	1208.8	1215.4	1202.2	1188.9	1175.7	1162.4	1146.5	1130.6
72.5°	1244.6	1249.9	1253.9	1259.2	1263.2	1247.3	1231.3	1215.4	1199.5	1181.0	1163.7
75°	1190.3	1196.9	1203.5	1210.1	1216.8	1204.8	1192.9	1179.7	1167.7	1154.5	1141.2
77.5°	991.4	999.4	1007.3	1015.3	1023.3	1023.3	1023.3	1021.9	1021.9	1024.6	1025.9
80°	520.9	547.4	573.9	600.4	626.9	654.8	682.6	710.4	738.3	762.1	786.0
82.5°	108.7	120.6	131.2	143.1	153.8	177.6	200.1	224.0	246.5	300.9	355.2
85°	37.1	41.1	46.4	50.4	54.3	58.3	63.6	67.6	71.6	90.1	108.7
87.5°	4.0	4.0	4.0	4.0	4.0	5.3	6.6	6.6	8.0	9.3	10.6
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: P560441

CATALOG NUMBER: SDL-PA1-40-827-U-5WQ

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1
2.5°	320.8	319.4	319.4	318.1	318.1	316.8	315.5	314.1	312.8	311.5	310.2
5°	283.6	277.0	275.7	274.4	273.0	271.7	271.7	271.7	271.7	271.7	271.7
7.5°	257.1	259.8	261.1	262.4	262.4	263.8	263.8	265.1	265.1	265.1	263.8
10°	209.4	210.7	214.7	218.7	221.4	225.3	225.3	225.3	224.0	224.0	230.6
12.5°	189.5	188.2	190.9	193.5	196.2	198.8	208.1	217.4	225.3	234.6	239.9
15°	165.7	165.7	167.0	169.7	171.0	172.3	177.6	181.6	186.9	190.9	198.8
17.5°	182.9	185.6	178.9	172.3	164.4	157.7	171.0	184.2	197.5	210.7	217.4
20°	173.6	177.6	182.9	186.9	192.2	196.2	197.5	197.5	198.8	198.8	198.8
22.5°	181.6	173.6	180.3	188.2	194.8	201.5	198.8	196.2	193.5	190.9	202.8
25°	201.5	208.1	202.8	197.5	192.2	186.9	197.5	209.4	220.0	230.6	226.7
27.5°	206.8	201.5	208.1	214.7	221.4	228.0	224.0	221.4	217.4	213.4	221.4
30°	234.6	228.0	225.3	222.7	218.7	216.0	222.7	228.0	234.6	239.9	238.6
32.5°	258.5	245.2	245.2	245.2	243.9	243.9	243.9	245.2	245.2	245.2	254.5
35°	281.0	270.4	267.7	265.1	262.4	259.8	262.4	265.1	266.4	269.1	281.0
37.5°	292.9	281.0	281.0	281.0	281.0	281.0	282.3	285.0	286.3	287.6	300.9
40°	311.5	296.9	298.2	300.9	302.2	303.5	306.2	310.2	312.8	315.5	327.4
42.5°	338.0	322.1	323.4	326.1	327.4	328.7	334.0	338.0	343.3	347.3	360.5
45°	368.5	352.6	355.2	356.5	359.2	360.5	365.8	371.1	375.1	380.4	397.6
47.5°	406.9	391.0	395.0	397.6	401.6	404.3	408.2	410.9	414.9	417.5	436.1
50°	449.3	433.4	438.7	444.0	449.3	454.6	456.0	456.0	457.3	457.3	481.1
52.5°	503.7	487.8	493.1	499.7	505.0	510.3	513.0	515.6	516.9	519.6	543.4
55°	567.3	552.7	560.7	568.6	576.6	584.5	585.9	587.2	587.2	588.5	612.4
57.5°	649.5	633.6	644.2	656.1	666.7	677.3	677.3	676.0	676.0	674.7	698.5
60°	739.6	725.0	738.3	752.9	766.1	779.4	775.4	771.4	766.1	762.1	788.6
62.5°	835.0	819.1	839.0	858.9	878.8	898.7	890.7	884.1	876.1	868.2	896.0
65°	938.4	922.5	946.4	970.2	994.1	1017.9	1003.4	988.8	972.9	958.3	990.1
67.5°	1037.8	1019.3	1044.5	1068.3	1093.5	1117.4	1100.1	1082.9	1065.7	1048.4	1085.5
70°	1114.7	1098.8	1121.3	1143.9	1166.4	1188.9	1171.7	1154.5	1137.2	1120.0	1165.1
72.5°	1145.2	1126.6	1154.5	1183.6	1211.5	1239.3	1222.1	1204.8	1186.3	1169.1	1215.4
75°	1128.0	1114.7	1153.1	1190.3	1228.7	1265.8	1240.6	1215.4	1190.3	1165.1	1206.2
77.5°	1028.6	1029.9	1084.2	1137.2	1191.6	1244.6	1199.5	1154.5	1109.4	1064.3	1084.2
80°	809.9	833.7	896.0	958.3	1019.3	1081.6	1016.6	953.0	888.1	823.1	809.9
82.5°	408.2	462.6	531.5	601.8	670.7	739.6	674.7	611.0	546.1	481.1	440.1
85°	127.2	145.8	173.6	201.5	229.3	257.1	224.0	190.9	157.7	124.6	111.3
87.5°	10.6	11.9	11.9	10.6	10.6	9.3	10.6	11.9	11.9	13.3	11.9
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):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1	326.1
2.5°	308.8	306.2	304.9	300.9	296.9	292.9	288.9	288.9	290.3	290.3	290.3
5°	271.7	271.7	271.7	271.7	271.7	271.7	271.7	271.7	273.0	273.0	273.0
7.5°	262.4	261.1	259.8	258.5	258.5	257.1	255.8	251.8	246.5	242.6	237.3
10°	238.6	245.2	251.8	254.5	257.1	258.5	261.1	261.1	262.4	262.4	262.4
12.5°	246.5	251.8	257.1	255.8	254.5	253.2	251.8	246.5	239.9	234.6	228.0
15°	206.8	213.4	221.4	230.6	241.2	250.5	259.8	261.1	262.4	263.8	265.1
17.5°	225.3	232.0	238.6	241.2	245.2	247.9	250.5	245.2	238.6	233.3	226.7
20°	197.5	197.5	196.2	212.1	229.3	245.2	261.1	263.8	266.4	267.7	270.4
22.5°	213.4	225.3	235.9	234.6	233.3	232.0	230.6	230.6	230.6	229.3	229.3
25°	224.0	220.0	216.0	230.6	243.9	258.5	271.7	274.4	277.0	278.3	281.0
27.5°	230.6	238.6	246.5	243.9	241.2	237.3	234.6	235.9	238.6	239.9	241.2
30°	238.6	237.3	235.9	250.5	263.8	278.3	291.6	292.9	294.3	294.3	295.6
32.5°	262.4	271.7	279.7	286.3	294.3	300.9	307.5	319.4	332.7	344.6	356.5
35°	292.9	303.5	315.5	328.7	342.0	355.2	368.5	371.1	375.1	377.8	380.4
37.5°	312.8	326.1	338.0	352.6	367.2	380.4	395.0	397.6	399.0	401.6	402.9
40°	339.3	351.2	363.2	379.1	395.0	409.6	425.5	428.1	429.4	432.1	433.4
42.5°	372.5	385.7	397.6	413.5	428.1	444.0	458.6	459.9	462.6	463.9	465.2
45°	413.5	430.8	446.7	461.3	474.5	489.1	502.3	503.7	505.0	505.0	506.3
47.5°	454.6	471.9	490.4	505.0	519.6	532.8	547.4	550.1	551.4	554.0	555.4
50°	503.7	527.5	550.1	563.3	577.9	591.2	604.4	605.7	608.4	609.7	611.0
52.5°	566.0	589.8	612.4	625.6	640.2	653.4	666.7	668.0	668.0	669.4	669.4
55°	636.2	660.1	683.9	697.2	710.4	723.7	737.0	737.0	737.0	735.6	735.6
57.5°	722.4	744.9	768.8	782.0	795.3	808.5	821.8	821.8	821.8	821.8	821.8
60°	816.5	843.0	869.5	881.4	893.4	905.3	917.2	914.6	910.6	907.9	904.0
62.5°	922.5	950.4	976.9	986.1	994.1	1003.4	1011.3	1007.3	1002.0	998.1	992.8
65°	1021.9	1053.7	1085.5	1092.2	1098.8	1104.1	1110.7	1104.1	1097.5	1089.5	1082.9
67.5°	1122.7	1158.4	1195.6	1198.2	1200.9	1203.5	1206.2	1199.5	1192.9	1185.0	1178.3
70°	1210.1	1255.2	1300.3	1301.6	1302.9	1304.2	1305.6	1298.9	1292.3	1284.4	1277.7
72.5°	1260.5	1306.9	1352.0	1355.9	1358.6	1362.6	1365.2	1358.6	1353.3	1346.7	1340.0
75°	1245.9	1287.0	1326.8	1322.8	1318.8	1313.5	1309.5	1298.9	1288.3	1276.4	1265.8
77.5°	1104.1	1122.7	1142.5	1121.3	1098.8	1077.6	1055.1	1044.5	1032.5	1021.9	1010.0
80°	796.6	782.0	768.8	729.0	689.2	648.1	608.4	581.9	555.4	528.9	502.3
82.5°	400.3	359.2	318.1	282.3	246.5	209.4	173.6	160.4	145.8	132.5	118.0
85°	99.4	86.2	72.9	67.6	62.3	57.0	51.7	45.1	39.8	33.1	26.5
87.5°	11.9	10.6	9.3	8.0	8.0	6.6	5.3	5.3	5.3	4.0	4.0
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-PA1-40-827-U-5WQ

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	326.1	326.1
2.5°	290.3	288.9
5°	273.0	273.0
7.5°	235.9	233.3
10°	262.4	262.4
12.5°	229.3	230.6
15°	265.1	265.1
17.5°	226.7	225.3
20°	270.4	270.4
22.5°	229.3	229.3
25°	281.0	279.7
27.5°	241.2	241.2
30°	295.6	295.6
32.5°	357.9	359.2
35°	381.7	381.7
37.5°	404.3	404.3
40°	433.4	432.1
42.5°	466.6	466.6
45°	507.6	507.6
47.5°	556.7	558.0
50°	611.0	611.0
52.5°	669.4	668.0
55°	735.6	735.6
57.5°	817.8	812.5
60°	902.6	901.3
62.5°	991.4	988.8
65°	1081.6	1078.9
67.5°	1177.0	1174.4
70°	1277.7	1276.4
72.5°	1336.1	1332.1
75°	1263.2	1260.5
77.5°	999.4	987.5
80°	495.7	489.1
82.5°	118.0	118.0
85°	25.2	23.9
87.5°	4.0	4.0
90°	0.0	0.0

(END OF REPORT)