

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: P560353

Luminaire Tested: **SDL-PA1-40-730-U-5WQ**

Issue Date: 7/26/2021

Test Information

Test Method: LM-79-08
Report Number: P560353
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-PA1-40-730-U-5WQ
Description: Springdale
(1) 70 CRI, 3000K, 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: 4665.6 lumens
Efficiency: N/A
Efficacy: 118.4 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 1.21' x L: 1.21' x H: 0.96')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

Input Watts (W): 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



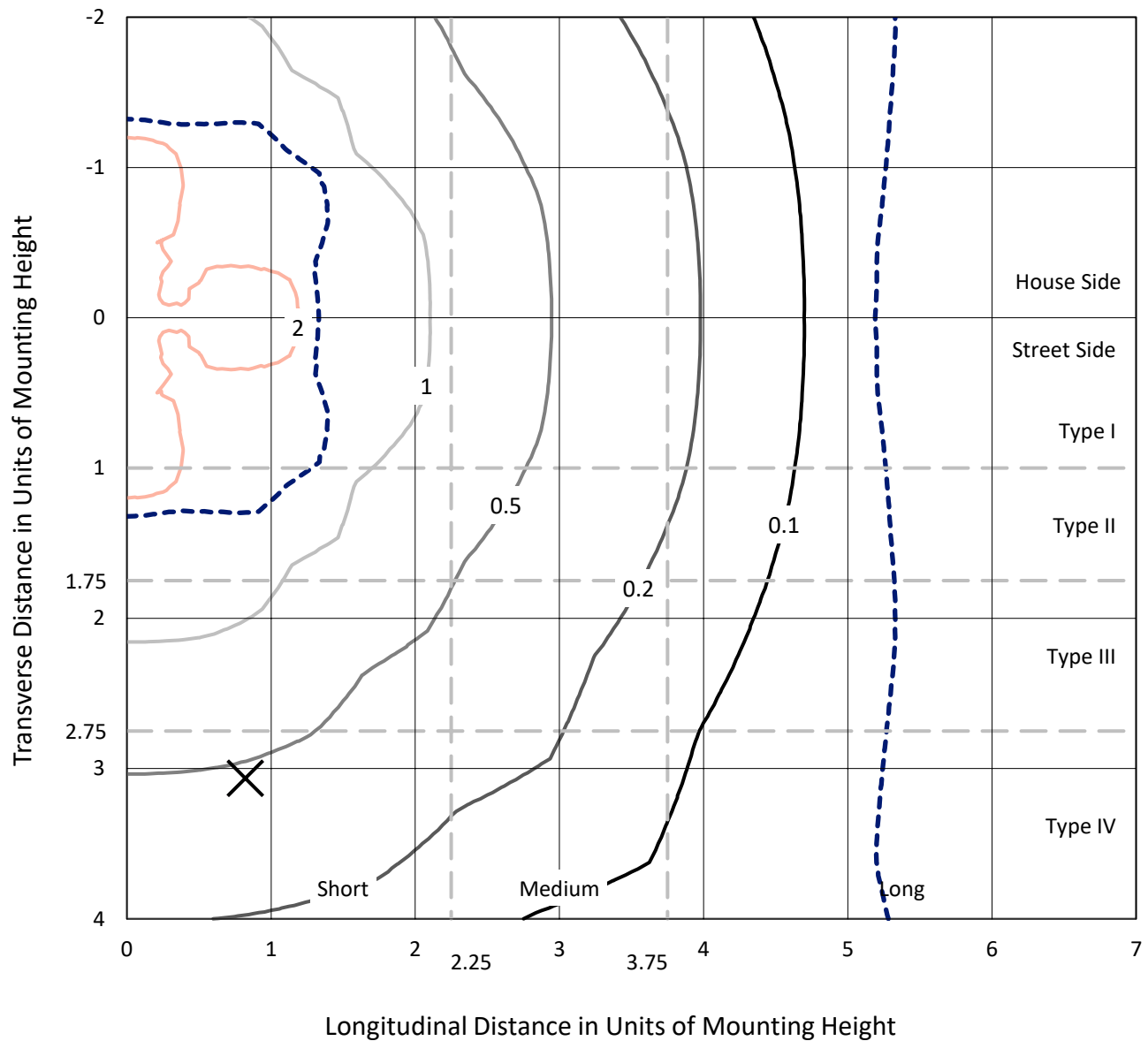
REPORT NUMBER: P560353

CATALOG NUMBER: SDL-PA1-40-730-U-5WQ

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd



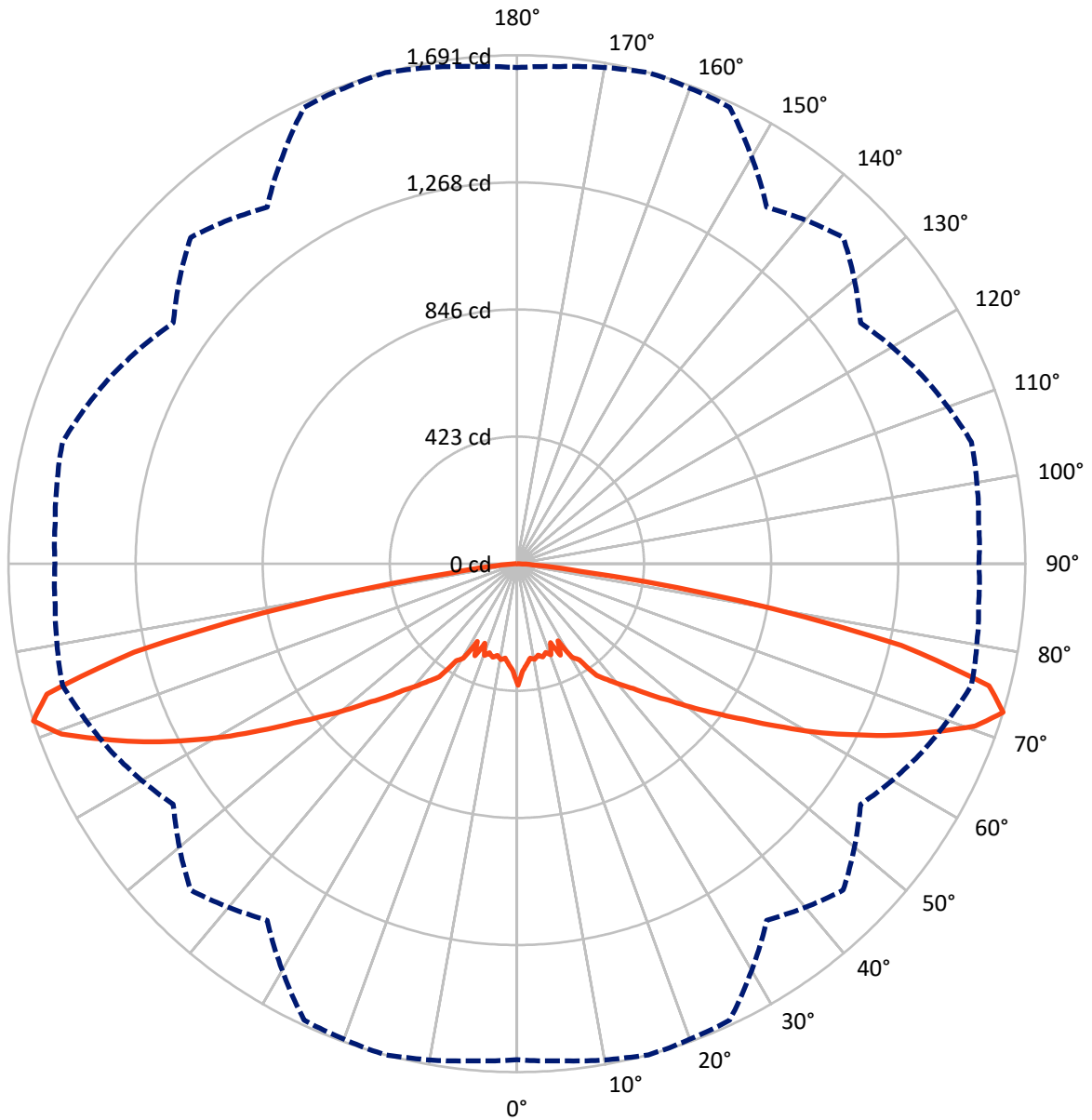
Based on 10 foot mounting height. Maximum calculated value = 4 fc

Type V - Short - N/A

REPORT NUMBER: P560353

CATALOG NUMBER: SDL-PA1-40-730-U-5WQ

Luminous Intensity Polar Plot



— Vertical Plane Through 15-Deg Lateral - - - Horizontal Cone Through 72.5-Deg Vertical

REPORT NUMBER: P560353

CATALOG NUMBER: SDL-PA1-40-730-U-5WQ

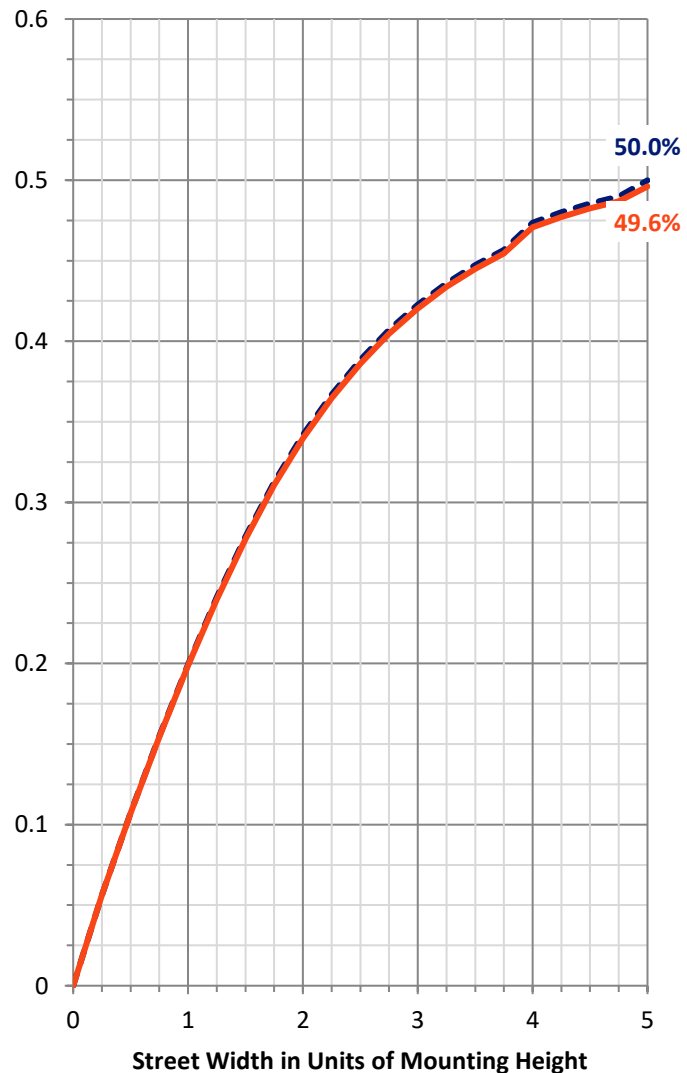
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2332.8	0.0	2332.8
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2332.8	0.0	2332.8
	% Fixture	50.0	0.0	50.0
Total	Lumens	4665.6	0.0	4665.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.7	0.7
10°-20°	73.6	1.6
20°-30°	131.4	2.8
30°-40°	251.4	5.4
40°-50°	428.1	9.2
50°-60°	749.5	16.1
60°-70°	1264.6	27.1
70°-80°	1475.1	31.6
80°-90°	260.2	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°	4665.6	100.0
0°-180°	4665.6	100.0



REPORT NUMBER: P560353

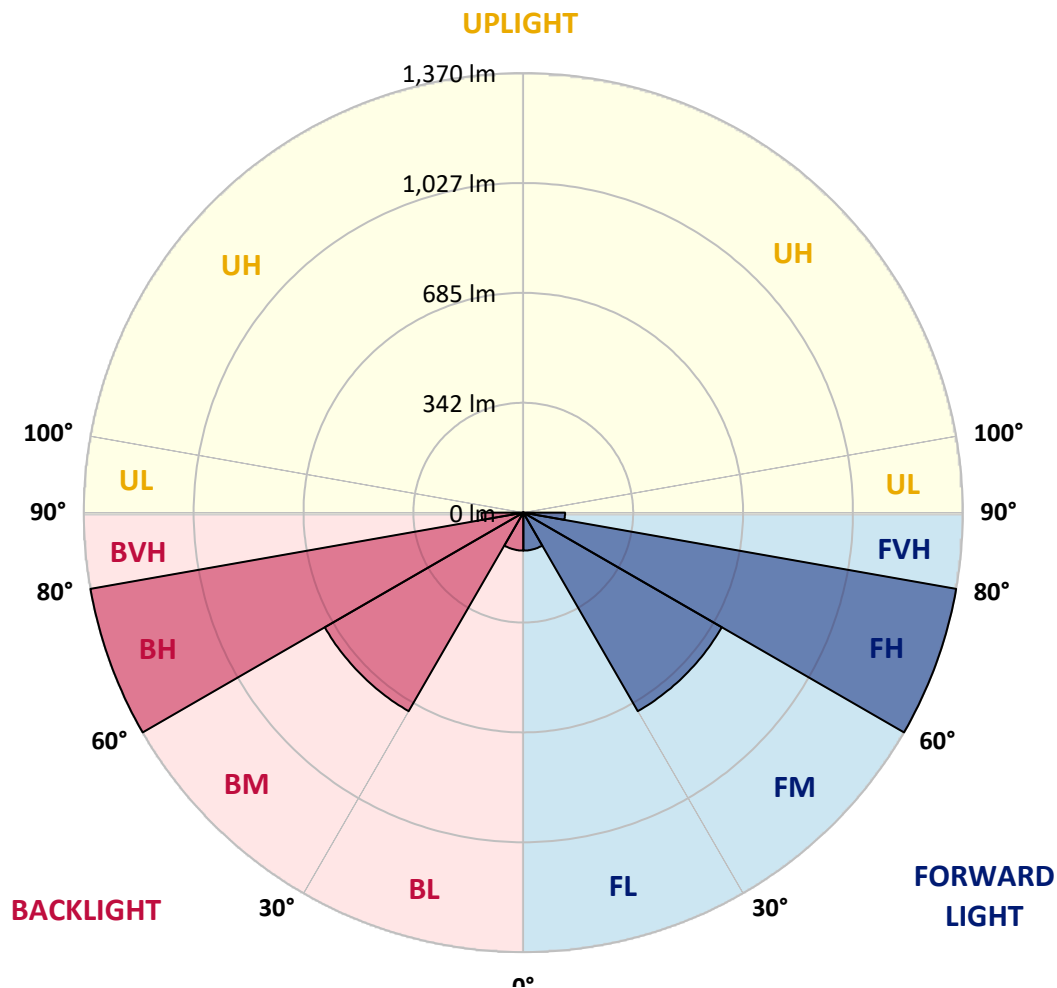
CATALOG NUMBER: SDL-PA1-40-730-U-5WQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	118.4	2.5			
FM	(30°-60°)	714.5	15.3			
FH	(60°-80°)	1369.8	29.4			G1/1800
FVH	(80°-90°)	130.1	2.8			G2/225
BL	(0°-30°)	118.4	2.5	B1/500		
BM	(30°-60°)	714.5	15.3	B1/1000		
BH	(60°-80°)	1369.8	29.4	B3/2500		G1/1800
BVH	(80°-90°)	130.1	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



REPORT NUMBER: P560353

CATALOG NUMBER: SDL-PA1-40-730-U-5WQ

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9
2.5°	358.0	359.6	359.6	359.6	359.6	358.0	358.0	362.9	367.8	372.7	377.7
5°	338.3	338.3	338.3	338.3	338.3	336.6	336.6	336.6	336.6	336.6	336.6
7.5°	289.0	292.3	293.9	300.5	305.4	312.0	316.9	318.6	320.2	320.2	321.8
10°	325.1	325.1	325.1	325.1	325.1	323.5	323.5	320.2	318.6	315.3	312.0
12.5°	285.7	284.1	282.4	290.6	297.2	305.4	312.0	313.6	315.3	316.9	318.6
15°	328.4	328.4	328.4	326.8	325.1	323.5	321.8	310.3	298.9	285.7	274.2
17.5°	279.2	280.8	280.8	289.0	295.6	303.8	310.3	307.1	303.8	298.9	295.6
20°	335.0	335.0	335.0	331.7	330.1	326.8	323.5	303.8	284.1	262.7	243.0
22.5°	284.1	284.1	284.1	284.1	285.7	285.7	285.7	287.4	289.0	290.6	292.3
25°	346.5	348.1	348.1	344.8	343.2	339.9	336.6	320.2	302.1	285.7	267.7
27.5°	298.9	298.9	298.9	297.2	295.6	292.3	290.6	293.9	298.9	302.1	305.4
30°	366.2	366.2	366.2	364.5	364.5	362.9	361.3	344.8	326.8	310.3	292.3
32.5°	445.0	443.4	441.7	426.9	412.2	395.7	381.0	372.7	364.5	354.7	346.5
35°	472.9	472.9	471.3	468.0	464.7	459.8	456.5	440.1	423.7	407.2	390.8
37.5°	500.8	500.8	499.2	497.5	494.3	492.6	489.3	471.3	454.9	436.8	418.7
40°	535.3	537.0	537.0	535.3	532.0	530.4	527.1	507.4	489.3	469.6	449.9
42.5°	578.0	578.0	576.4	574.7	573.1	569.8	568.2	550.1	530.4	512.3	492.6
45°	628.9	628.9	627.3	625.6	625.6	624.0	622.3	605.9	587.9	571.4	553.4
47.5°	691.3	689.7	688.0	686.4	683.1	681.5	678.2	660.1	643.7	625.6	607.6
50°	757.0	757.0	757.0	755.3	753.7	750.4	748.8	732.4	715.9	697.9	681.5
52.5°	827.6	829.2	829.2	829.2	827.6	827.6	826.0	809.5	793.1	775.1	758.6
55°	911.3	911.3	911.3	911.3	913.0	913.0	913.0	896.6	880.1	863.7	847.3
57.5°	1006.6	1013.2	1018.1	1018.1	1018.1	1018.1	1018.1	1001.7	985.2	968.8	952.4
60°	1116.6	1118.2	1119.9	1124.8	1128.1	1133.0	1136.3	1121.5	1106.7	1092.0	1077.2
62.5°	1225.0	1228.3	1229.9	1236.5	1241.4	1248.0	1252.9	1243.0	1231.5	1221.7	1210.2
65°	1336.6	1339.9	1341.6	1349.8	1359.6	1367.8	1376.0	1367.8	1361.3	1353.1	1344.8
67.5°	1454.9	1458.1	1459.8	1468.0	1477.9	1486.1	1494.3	1491.0	1487.7	1484.4	1481.1
70°	1581.3	1582.9	1582.9	1591.2	1601.0	1609.2	1617.4	1615.8	1614.1	1612.5	1610.9
72.5°	1650.3	1655.2	1660.1	1668.3	1676.5	1683.1	1691.3	1688.0	1683.1	1679.8	1674.9
75°	1561.6	1564.9	1568.2	1581.3	1596.1	1609.2	1622.4	1627.3	1633.9	1638.8	1643.7
77.5°	1223.3	1238.1	1251.3	1266.0	1279.2	1293.9	1307.1	1335.0	1361.3	1389.2	1415.5
80°	605.9	614.1	622.3	655.2	688.0	720.9	753.7	803.0	853.9	903.1	952.4
82.5°	146.1	146.1	146.1	164.2	180.6	198.7	215.1	259.4	305.4	349.8	394.1
85°	29.6	31.2	32.8	41.1	49.3	55.8	64.0	70.6	77.2	83.7	90.3
87.5°	4.9	4.9	4.9	4.9	6.6	6.6	6.6	8.2	9.9	9.9	11.5
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: P560353

CATALOG NUMBER: SDL-PA1-40-730-U-5WQ

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9
2.5°	379.3	382.6	384.2	385.9	387.5	389.2	390.8	392.5	394.1	394.1	395.7
5°	336.6	336.6	336.6	336.6	336.6	336.6	336.6	336.6	338.3	339.9	341.5
7.5°	323.5	325.1	326.8	328.4	328.4	328.4	326.8	326.8	325.1	325.1	323.5
10°	303.8	295.6	285.7	277.5	277.5	279.2	279.2	279.2	274.2	270.9	266.0
12.5°	312.0	305.4	297.2	290.6	279.2	269.3	257.8	246.3	243.0	239.7	236.5
15°	264.4	256.2	246.3	236.5	231.5	225.0	220.0	213.5	211.8	210.2	206.9
17.5°	287.4	279.2	269.3	261.1	244.7	228.2	211.8	195.4	203.6	213.5	221.7
20°	244.7	244.7	246.3	246.3	246.3	244.7	244.7	243.0	238.1	231.5	226.6
22.5°	279.2	264.4	251.2	236.5	239.7	243.0	246.3	249.6	241.4	233.2	223.3
25°	272.6	277.5	280.8	285.7	272.6	259.4	244.7	231.5	238.1	244.7	251.2
27.5°	295.6	285.7	274.2	264.4	269.3	274.2	277.5	282.4	274.2	266.0	257.8
30°	293.9	295.6	295.6	297.2	290.6	282.4	275.9	267.7	270.9	275.9	279.2
32.5°	336.6	325.1	315.3	303.8	303.8	303.8	302.1	302.1	302.1	303.8	303.8
35°	376.0	362.9	348.1	333.3	330.1	328.4	325.1	321.8	325.1	328.4	331.7
37.5°	403.9	387.5	372.7	356.3	354.7	353.0	349.8	348.1	348.1	348.1	348.1
40°	435.1	420.4	405.6	390.8	387.5	384.2	379.3	376.0	374.4	372.7	369.5
42.5°	477.8	461.4	446.6	430.2	425.3	418.7	413.8	407.2	405.6	403.9	400.7
45°	533.7	512.3	492.6	471.3	464.7	459.8	453.2	446.6	445.0	441.7	440.1
47.5°	584.6	563.2	540.2	517.2	514.0	509.0	505.8	500.8	497.5	492.6	489.3
50°	653.5	624.0	596.1	566.5	566.5	564.9	564.9	563.2	556.7	550.1	543.5
52.5°	730.7	701.2	673.2	643.7	640.4	638.8	635.5	632.2	625.6	619.1	610.8
55°	817.7	788.2	758.6	729.1	727.4	727.4	725.8	724.1	714.3	704.4	694.6
57.5°	922.8	894.9	865.4	835.8	837.5	837.5	839.1	839.1	826.0	812.8	798.0
60°	1044.4	1011.5	977.0	944.2	949.1	955.7	960.6	965.5	949.1	932.7	914.6
62.5°	1177.4	1142.9	1110.0	1075.5	1085.4	1095.3	1103.5	1113.3	1088.7	1064.1	1039.4
65°	1305.4	1266.0	1226.6	1187.2	1205.3	1225.0	1243.0	1261.1	1231.5	1202.0	1172.4
67.5°	1435.2	1390.8	1344.8	1298.9	1320.2	1341.6	1362.9	1384.3	1354.7	1323.5	1293.9
70°	1555.0	1499.2	1443.4	1387.5	1408.9	1430.2	1451.6	1472.9	1445.0	1417.1	1389.2
72.5°	1619.1	1561.6	1505.8	1448.3	1469.6	1492.6	1514.0	1535.3	1500.8	1466.4	1430.2
75°	1594.4	1543.5	1494.3	1443.4	1474.6	1505.8	1537.0	1568.2	1522.2	1474.6	1428.6
77.5°	1390.8	1367.8	1343.2	1318.6	1374.4	1430.2	1486.1	1541.9	1476.2	1408.9	1343.2
80°	968.8	986.9	1003.3	1019.7	1100.2	1180.6	1259.5	1339.9	1262.7	1187.2	1110.0
82.5°	445.0	495.9	545.2	596.1	676.5	757.0	835.8	916.3	830.9	745.5	658.5
85°	106.7	123.2	137.9	154.4	195.4	236.5	277.5	318.6	284.1	249.6	215.1
87.5°	13.1	14.8	14.8	16.4	14.8	14.8	13.1	11.5	13.1	13.1	14.8
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: P560353

CATALOG NUMBER: SDL-PA1-40-730-U-5WQ

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9
2.5°	395.7	397.4	397.4	399.0	399.0	399.0	399.0	397.4	397.4	397.4	399.0
5°	343.2	351.4	358.0	366.2	372.7	376.0	381.0	384.2	387.5	389.2	389.2
7.5°	321.8	318.6	313.6	310.3	305.4	312.0	320.2	326.8	333.3	335.0	336.6
10°	261.1	259.4	256.2	254.5	251.2	252.9	256.2	257.8	259.4	267.7	277.5
12.5°	233.2	234.8	236.5	238.1	239.7	234.8	229.9	223.3	218.4	226.6	234.8
15°	205.3	205.3	206.9	206.9	206.9	213.5	220.0	226.6	233.2	244.7	257.8
17.5°	229.9	226.6	223.3	218.4	215.1	216.8	216.8	218.4	218.4	225.0	229.9
20°	220.0	215.1	211.8	206.9	202.0	210.2	218.4	226.6	234.8	248.0	261.1
22.5°	215.1	225.0	233.2	243.0	251.2	246.3	241.4	234.8	229.9	229.9	229.9
25°	257.8	249.6	241.4	233.2	225.0	239.7	252.9	267.7	280.8	290.6	298.9
27.5°	249.6	256.2	262.7	267.7	274.2	282.4	290.6	298.9	307.1	321.8	335.0
30°	282.4	290.6	298.9	305.4	313.6	335.0	354.7	376.0	395.7	405.6	415.4
32.5°	303.8	320.2	335.0	351.4	366.2	377.7	389.2	400.7	412.2	422.0	433.5
35°	335.0	348.1	359.6	372.7	384.2	397.4	410.5	422.0	435.1	445.0	454.9
37.5°	348.1	362.9	377.7	390.8	405.6	422.0	436.8	453.2	468.0	476.2	482.8
40°	367.8	385.9	403.9	422.0	440.1	456.5	472.9	489.3	505.8	512.3	518.9
42.5°	399.0	418.7	438.4	456.5	476.2	494.3	510.7	528.7	545.2	551.7	558.3
45°	436.8	456.5	476.2	495.9	515.6	535.3	555.0	574.7	594.4	602.6	610.8
47.5°	484.4	504.1	525.5	545.2	564.9	589.5	612.5	637.1	660.1	666.7	673.2
50°	537.0	556.7	576.4	596.1	615.8	647.0	676.5	707.7	737.3	740.6	745.5
52.5°	604.3	624.0	642.0	661.8	679.8	714.3	748.8	781.6	816.1	817.7	821.0
55°	684.7	702.8	722.5	740.6	758.6	796.4	832.5	870.3	906.4	906.4	908.1
57.5°	784.9	804.6	824.3	842.4	862.1	898.2	934.3	968.8	1004.9	1003.3	1001.7
60°	898.2	916.3	932.7	950.8	967.2	1001.7	1037.8	1072.3	1106.7	1103.5	1098.5
62.5°	1014.8	1034.5	1054.2	1072.3	1092.0	1119.9	1149.4	1177.4	1205.3	1198.7	1192.1
65°	1142.9	1162.6	1183.9	1203.6	1223.3	1244.7	1267.7	1289.0	1310.4	1303.8	1298.9
67.5°	1262.7	1285.7	1308.7	1330.1	1353.1	1369.5	1385.9	1400.7	1417.1	1408.9	1400.7
70°	1361.3	1381.0	1400.7	1420.4	1440.1	1456.5	1472.9	1489.3	1505.8	1497.6	1489.3
72.5°	1395.8	1418.7	1441.7	1463.1	1486.1	1505.8	1525.5	1545.2	1564.9	1560.0	1553.4
75°	1381.0	1397.4	1413.8	1430.2	1446.7	1461.4	1477.9	1492.6	1507.4	1499.2	1491.0
77.5°	1275.9	1274.2	1271.0	1269.3	1266.0	1266.0	1267.7	1267.7	1267.7	1257.8	1248.0
80°	1032.9	1003.3	973.7	944.2	914.6	880.1	845.7	811.2	776.7	743.9	711.0
82.5°	573.1	505.8	440.1	372.7	305.4	277.5	248.0	220.0	190.5	177.3	162.6
85°	180.6	157.6	134.6	111.7	88.7	83.7	78.8	72.3	67.3	62.4	57.5
87.5°	14.8	13.1	13.1	11.5	9.9	8.2	8.2	6.6	4.9	4.9	4.9
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: P560353

CATALOG NUMBER: SDL-PA1-40-730-U-5WQ

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9
2.5°	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	397.4	397.4	397.4
5°	390.8	390.8	390.8	390.8	390.8	390.8	390.8	389.2	389.2	387.5	384.2
7.5°	336.6	338.3	338.3	336.6	338.3	338.3	336.6	336.6	335.0	333.3	326.8
10°	285.7	293.9	293.9	293.9	293.9	293.9	285.7	277.5	267.7	259.4	257.8
12.5°	243.0	251.2	251.2	251.2	251.2	251.2	243.0	234.8	226.6	218.4	223.3
15°	269.3	280.8	280.8	280.8	280.8	280.8	269.3	257.8	244.7	233.2	226.6
17.5°	236.5	241.4	243.0	243.0	243.0	241.4	236.5	229.9	225.0	218.4	218.4
20°	272.6	285.7	287.4	289.0	287.4	285.7	272.6	261.1	248.0	234.8	226.6
22.5°	228.2	228.2	229.9	229.9	229.9	228.2	228.2	229.9	229.9	229.9	234.8
25°	308.7	316.9	316.9	315.3	316.9	316.9	308.7	298.9	290.6	280.8	267.7
27.5°	349.8	362.9	366.2	367.8	366.2	362.9	349.8	335.0	321.8	307.1	298.9
30°	425.3	435.1	435.1	435.1	435.1	435.1	425.3	415.4	405.6	395.7	376.0
32.5°	443.4	453.2	453.2	453.2	453.2	453.2	443.4	433.5	422.0	412.2	400.7
35°	463.1	472.9	474.6	474.6	474.6	472.9	463.1	454.9	445.0	435.1	422.0
37.5°	491.0	497.5	499.2	500.8	499.2	497.5	491.0	482.8	476.2	468.0	453.2
40°	523.8	530.4	530.4	530.4	530.4	530.4	523.8	518.9	512.3	505.8	489.3
42.5°	564.9	571.4	573.1	574.7	573.1	571.4	564.9	558.3	551.7	545.2	528.7
45°	617.4	625.6	627.3	628.9	627.3	625.6	617.4	610.8	602.6	594.4	574.7
47.5°	679.8	686.4	686.4	686.4	686.4	686.4	679.8	673.2	666.7	660.1	637.1
50°	748.8	752.1	753.7	753.7	753.7	752.1	748.8	745.5	740.6	737.3	707.7
52.5°	822.7	824.3	824.3	822.7	824.3	824.3	822.7	821.0	817.7	816.1	781.6
55°	908.1	908.1	906.4	903.1	906.4	908.1	908.1	908.1	906.4	906.4	870.3
57.5°	1000.0	998.4	998.4	996.7	998.4	998.4	1000.0	1001.7	1003.3	1004.9	968.8
60°	1095.3	1090.3	1088.7	1085.4	1088.7	1090.3	1095.3	1098.5	1103.5	1106.7	1072.3
62.5°	1185.6	1179.0	1179.0	1179.0	1179.0	1179.0	1185.6	1192.1	1198.7	1205.3	1177.4
65°	1292.3	1285.7	1282.4	1279.2	1282.4	1285.7	1292.3	1298.9	1303.8	1310.4	1289.0
67.5°	1392.5	1384.3	1381.0	1376.0	1381.0	1384.3	1392.5	1400.7	1408.9	1417.1	1400.7
70°	1479.5	1471.3	1469.6	1468.0	1469.6	1471.3	1479.5	1489.3	1497.6	1505.8	1489.3
72.5°	1548.5	1541.9	1540.3	1537.0	1540.3	1541.9	1548.5	1553.4	1560.0	1564.9	1545.2
75°	1482.8	1474.6	1469.6	1463.1	1469.6	1474.6	1482.8	1491.0	1499.2	1507.4	1492.6
77.5°	1238.1	1228.3	1225.0	1220.1	1225.0	1228.3	1238.1	1248.0	1257.8	1267.7	1267.7
80°	678.2	645.3	637.1	627.3	637.1	645.3	678.2	711.0	743.9	776.7	811.2
82.5°	149.4	134.6	129.7	123.2	129.7	134.6	149.4	162.6	177.3	190.5	220.0
85°	50.9	46.0	42.7	39.4	42.7	46.0	50.9	57.5	62.4	67.3	72.3
87.5°	4.9	4.9	4.9	3.3	4.9	4.9	4.9	4.9	4.9	4.9	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: P560353

CATALOG NUMBER: SDL-PA1-40-730-U-5WQ

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9
2.5°	399.0	399.0	399.0	399.0	397.4	397.4	395.7	395.7	394.1	394.1	392.5
5°	381.0	376.0	372.7	366.2	358.0	351.4	343.2	341.5	339.9	338.3	336.6
7.5°	320.2	312.0	305.4	310.3	313.6	318.6	321.8	323.5	325.1	325.1	326.8
10°	256.2	252.9	251.2	254.5	256.2	259.4	261.1	266.0	270.9	274.2	279.2
12.5°	229.9	234.8	239.7	238.1	236.5	234.8	233.2	236.5	239.7	243.0	246.3
15°	220.0	213.5	206.9	206.9	206.9	205.3	205.3	206.9	210.2	211.8	213.5
17.5°	216.8	216.8	215.1	218.4	223.3	226.6	229.9	221.7	213.5	203.6	195.4
20°	218.4	210.2	202.0	206.9	211.8	215.1	220.0	226.6	231.5	238.1	243.0
22.5°	241.4	246.3	251.2	243.0	233.2	225.0	215.1	223.3	233.2	241.4	249.6
25°	252.9	239.7	225.0	233.2	241.4	249.6	257.8	251.2	244.7	238.1	231.5
27.5°	290.6	282.4	274.2	267.7	262.7	256.2	249.6	257.8	266.0	274.2	282.4
30°	354.7	335.0	313.6	305.4	298.9	290.6	282.4	279.2	275.9	270.9	267.7
32.5°	389.2	377.7	366.2	351.4	335.0	320.2	303.8	303.8	303.8	302.1	302.1
35°	410.5	397.4	384.2	372.7	359.6	348.1	335.0	331.7	328.4	325.1	321.8
37.5°	436.8	422.0	405.6	390.8	377.7	362.9	348.1	348.1	348.1	348.1	348.1
40°	472.9	456.5	440.1	422.0	403.9	385.9	367.8	369.5	372.7	374.4	376.0
42.5°	510.7	494.3	476.2	456.5	438.4	418.7	399.0	400.7	403.9	405.6	407.2
45°	555.0	535.3	515.6	495.9	476.2	456.5	436.8	440.1	441.7	445.0	446.6
47.5°	612.5	589.5	564.9	545.2	525.5	504.1	484.4	489.3	492.6	497.5	500.8
50°	676.5	647.0	615.8	596.1	576.4	556.7	537.0	543.5	550.1	556.7	563.2
52.5°	748.8	714.3	679.8	661.8	642.0	624.0	604.3	610.8	619.1	625.6	632.2
55°	832.5	796.4	758.6	740.6	722.5	702.8	684.7	694.6	704.4	714.3	724.1
57.5°	934.3	898.2	862.1	842.4	824.3	804.6	784.9	798.0	812.8	826.0	839.1
60°	1037.8	1001.7	967.2	950.8	932.7	916.3	898.2	914.6	932.7	949.1	965.5
62.5°	1149.4	1119.9	1092.0	1072.3	1054.2	1034.5	1014.8	1039.4	1064.1	1088.7	1113.3
65°	1267.7	1244.7	1223.3	1203.6	1183.9	1162.6	1142.9	1172.4	1202.0	1231.5	1261.1
67.5°	1385.9	1369.5	1353.1	1330.1	1308.7	1285.7	1262.7	1293.9	1323.5	1354.7	1384.3
70°	1472.9	1456.5	1440.1	1420.4	1400.7	1381.0	1361.3	1389.2	1417.1	1445.0	1472.9
72.5°	1525.5	1505.8	1486.1	1463.1	1441.7	1418.7	1395.8	1430.2	1466.4	1500.8	1535.3
75°	1477.9	1461.4	1446.7	1430.2	1413.8	1397.4	1381.0	1428.6	1474.6	1522.2	1568.2
77.5°	1267.7	1266.0	1266.0	1269.3	1271.0	1274.2	1275.9	1343.2	1408.9	1476.2	1541.9
80°	845.7	880.1	914.6	944.2	973.7	1003.3	1032.9	1110.0	1187.2	1262.7	1339.9
82.5°	248.0	277.5	305.4	372.7	440.1	505.8	573.1	658.5	745.5	830.9	916.3
85°	78.8	83.7	88.7	111.7	134.6	157.6	180.6	215.1	249.6	284.1	318.6
87.5°	8.2	8.2	9.9	11.5	13.1	13.1	14.8	14.8	13.1	13.1	11.5
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: P560353

CATALOG NUMBER: SDL-PA1-40-730-U-5WQ

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9
2.5°	390.8	389.2	387.5	385.9	384.2	382.6	379.3	377.7	372.7	367.8	362.9
5°	336.6	336.6	336.6	336.6	336.6	336.6	336.6	336.6	336.6	336.6	336.6
7.5°	326.8	328.4	328.4	328.4	326.8	325.1	323.5	321.8	320.2	320.2	318.6
10°	279.2	279.2	277.5	277.5	285.7	295.6	303.8	312.0	315.3	318.6	320.2
12.5°	257.8	269.3	279.2	290.6	297.2	305.4	312.0	318.6	316.9	315.3	313.6
15°	220.0	225.0	231.5	236.5	246.3	256.2	264.4	274.2	285.7	298.9	310.3
17.5°	211.8	228.2	244.7	261.1	269.3	279.2	287.4	295.6	298.9	303.8	307.1
20°	244.7	244.7	246.3	246.3	246.3	244.7	244.7	243.0	262.7	284.1	303.8
22.5°	246.3	243.0	239.7	236.5	251.2	264.4	279.2	292.3	290.6	289.0	287.4
25°	244.7	259.4	272.6	285.7	280.8	277.5	272.6	267.7	285.7	302.1	320.2
27.5°	277.5	274.2	269.3	264.4	274.2	285.7	295.6	305.4	302.1	298.9	293.9
30°	275.9	282.4	290.6	297.2	295.6	295.6	293.9	292.3	310.3	326.8	344.8
32.5°	302.1	303.8	303.8	303.8	315.3	325.1	336.6	346.5	354.7	364.5	372.7
35°	325.1	328.4	330.1	333.3	348.1	362.9	376.0	390.8	407.2	423.7	440.1
37.5°	349.8	353.0	354.7	356.3	372.7	387.5	403.9	418.7	436.8	454.9	471.3
40°	379.3	384.2	387.5	390.8	405.6	420.4	435.1	449.9	469.6	489.3	507.4
42.5°	413.8	418.7	425.3	430.2	446.6	461.4	477.8	492.6	512.3	530.4	550.1
45°	453.2	459.8	464.7	471.3	492.6	512.3	533.7	553.4	571.4	587.9	605.9
47.5°	505.8	509.0	514.0	517.2	540.2	563.2	584.6	607.6	625.6	643.7	660.1
50°	564.9	564.9	566.5	566.5	596.1	624.0	653.5	681.5	697.9	715.9	732.4
52.5°	635.5	638.8	640.4	643.7	673.2	701.2	730.7	758.6	775.1	793.1	809.5
55°	725.8	727.4	727.4	729.1	758.6	788.2	817.7	847.3	863.7	880.1	896.6
57.5°	839.1	837.5	837.5	835.8	865.4	894.9	922.8	952.4	968.8	985.2	1001.7
60°	960.6	955.7	949.1	944.2	977.0	1011.5	1044.4	1077.2	1092.0	1106.7	1121.5
62.5°	1103.5	1095.3	1085.4	1075.5	1110.0	1142.9	1177.4	1210.2	1221.7	1231.5	1243.0
65°	1243.0	1225.0	1205.3	1187.2	1226.6	1266.0	1305.4	1344.8	1353.1	1361.3	1367.8
67.5°	1362.9	1341.6	1320.2	1298.9	1344.8	1390.8	1435.2	1481.1	1484.4	1487.7	1491.0
70°	1451.6	1430.2	1408.9	1387.5	1443.4	1499.2	1555.0	1610.9	1612.5	1614.1	1615.8
72.5°	1514.0	1492.6	1469.6	1448.3	1505.8	1561.6	1619.1	1674.9	1679.8	1683.1	1688.0
75°	1537.0	1505.8	1474.6	1443.4	1494.3	1543.5	1594.4	1643.7	1638.8	1633.9	1627.3
77.5°	1486.1	1430.2	1374.4	1318.6	1343.2	1367.8	1390.8	1415.5	1389.2	1361.3	1335.0
80°	1259.5	1180.6	1100.2	1019.7	1003.3	986.9	968.8	952.4	903.1	853.9	803.0
82.5°	835.8	757.0	676.5	596.1	545.2	495.9	445.0	394.1	349.8	305.4	259.4
85°	277.5	236.5	195.4	154.4	137.9	123.2	106.7	90.3	83.7	77.2	70.6
87.5°	13.1	14.8	14.8	16.4	14.8	14.8	13.1	11.5	9.9	9.9	8.2
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: P560353

CATALOG NUMBER: SDL-PA1-40-730-U-5WQ

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9
2.5°	358.0	358.0	359.6	359.6	359.6	359.6	358.0	359.6	359.6	359.6	359.6
5°	336.6	336.6	338.3	338.3	338.3	338.3	338.3	338.3	338.3	338.3	338.3
7.5°	316.9	312.0	305.4	300.5	293.9	292.3	289.0	292.3	293.9	300.5	305.4
10°	323.5	323.5	325.1	325.1	325.1	325.1	325.1	325.1	325.1	325.1	325.1
12.5°	312.0	305.4	297.2	290.6	282.4	284.1	285.7	284.1	282.4	290.6	297.2
15°	321.8	323.5	325.1	326.8	328.4	328.4	328.4	328.4	328.4	326.8	325.1
17.5°	310.3	303.8	295.6	289.0	280.8	280.8	279.2	280.8	280.8	289.0	295.6
20°	323.5	326.8	330.1	331.7	335.0	335.0	335.0	335.0	335.0	331.7	330.1
22.5°	285.7	285.7	285.7	284.1	284.1	284.1	284.1	284.1	284.1	284.1	285.7
25°	336.6	339.9	343.2	344.8	348.1	348.1	346.5	348.1	348.1	344.8	343.2
27.5°	290.6	292.3	295.6	297.2	298.9	298.9	298.9	298.9	298.9	297.2	295.6
30°	361.3	362.9	364.5	364.5	366.2	366.2	366.2	366.2	366.2	364.5	364.5
32.5°	381.0	395.7	412.2	426.9	441.7	443.4	445.0	443.4	441.7	426.9	412.2
35°	456.5	459.8	464.7	468.0	471.3	472.9	472.9	472.9	471.3	468.0	464.7
37.5°	489.3	492.6	494.3	497.5	499.2	500.8	500.8	500.8	499.2	497.5	494.3
40°	527.1	530.4	532.0	535.3	537.0	537.0	535.3	537.0	537.0	535.3	532.0
42.5°	568.2	569.8	573.1	574.7	576.4	578.0	578.0	578.0	576.4	574.7	573.1
45°	622.3	624.0	625.6	625.6	627.3	628.9	628.9	628.9	627.3	625.6	625.6
47.5°	678.2	681.5	683.1	686.4	688.0	689.7	691.3	689.7	688.0	686.4	683.1
50°	748.8	750.4	753.7	755.3	757.0	757.0	757.0	757.0	757.0	755.3	753.7
52.5°	826.0	827.6	827.6	829.2	829.2	829.2	827.6	829.2	829.2	829.2	827.6
55°	913.0	913.0	913.0	911.3	911.3	911.3	911.3	911.3	911.3	911.3	913.0
57.5°	1018.1	1018.1	1018.1	1018.1	1018.1	1013.2	1006.6	1013.2	1018.1	1018.1	1018.1
60°	1136.3	1133.0	1128.1	1124.8	1119.9	1118.2	1116.6	1118.2	1119.9	1124.8	1128.1
62.5°	1252.9	1248.0	1241.4	1236.5	1229.9	1228.3	1225.0	1228.3	1229.9	1236.5	1241.4
65°	1376.0	1367.8	1359.6	1349.8	1341.6	1339.9	1336.6	1339.9	1341.6	1349.8	1359.6
67.5°	1494.3	1486.1	1477.9	1468.0	1459.8	1458.1	1454.9	1458.1	1459.8	1468.0	1477.9
70°	1617.4	1609.2	1601.0	1591.2	1582.9	1582.9	1581.3	1582.9	1582.9	1591.2	1601.0
72.5°	1691.3	1683.1	1676.5	1668.3	1660.1	1655.2	1650.3	1655.2	1660.1	1668.3	1676.5
75°	1622.4	1609.2	1596.1	1581.3	1568.2	1564.9	1561.6	1564.9	1568.2	1581.3	1596.1
77.5°	1307.1	1293.9	1279.2	1266.0	1251.3	1238.1	1223.3	1238.1	1251.3	1266.0	1279.2
80°	753.7	720.9	688.0	655.2	622.3	614.1	605.9	614.1	622.3	655.2	688.0
82.5°	215.1	198.7	180.6	164.2	146.1	146.1	146.1	146.1	146.1	164.2	180.6
85°	64.0	55.8	49.3	41.1	32.8	31.2	29.6	31.2	32.8	41.1	49.3
87.5°	6.6	6.6	6.6	4.9	4.9	4.9	4.9	4.9	4.9	4.9	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: P560353

CATALOG NUMBER: SDL-PA1-40-730-U-5WQ

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9
2.5°	358.0	358.0	362.9	367.8	372.7	377.7	379.3	382.6	384.2	385.9	387.5
5°	336.6	336.6	336.6	336.6	336.6	336.6	336.6	336.6	336.6	336.6	336.6
7.5°	312.0	316.9	318.6	320.2	320.2	321.8	323.5	325.1	326.8	328.4	328.4
10°	323.5	323.5	320.2	318.6	315.3	312.0	303.8	295.6	285.7	277.5	277.5
12.5°	305.4	312.0	313.6	315.3	316.9	318.6	312.0	305.4	297.2	290.6	279.2
15°	323.5	321.8	310.3	298.9	285.7	274.2	264.4	256.2	246.3	236.5	231.5
17.5°	303.8	310.3	307.1	303.8	298.9	295.6	287.4	279.2	269.3	261.1	244.7
20°	326.8	323.5	303.8	284.1	262.7	243.0	244.7	244.7	246.3	246.3	246.3
22.5°	285.7	285.7	287.4	289.0	290.6	292.3	279.2	264.4	251.2	236.5	239.7
25°	339.9	336.6	320.2	302.1	285.7	267.7	272.6	277.5	280.8	285.7	272.6
27.5°	292.3	290.6	293.9	298.9	302.1	305.4	295.6	285.7	274.2	264.4	269.3
30°	362.9	361.3	344.8	326.8	310.3	292.3	293.9	295.6	295.6	297.2	290.6
32.5°	395.7	381.0	372.7	364.5	354.7	346.5	336.6	325.1	315.3	303.8	303.8
35°	459.8	456.5	440.1	423.7	407.2	390.8	376.0	362.9	348.1	333.3	330.1
37.5°	492.6	489.3	471.3	454.9	436.8	418.7	403.9	387.5	372.7	356.3	354.7
40°	530.4	527.1	507.4	489.3	469.6	449.9	435.1	420.4	405.6	390.8	387.5
42.5°	569.8	568.2	550.1	530.4	512.3	492.6	477.8	461.4	446.6	430.2	425.3
45°	624.0	622.3	605.9	587.9	571.4	553.4	533.7	512.3	492.6	471.3	464.7
47.5°	681.5	678.2	660.1	643.7	625.6	607.6	584.6	563.2	540.2	517.2	514.0
50°	750.4	748.8	732.4	715.9	697.9	681.5	653.5	624.0	596.1	566.5	566.5
52.5°	827.6	826.0	809.5	793.1	775.1	758.6	730.7	701.2	673.2	643.7	640.4
55°	913.0	913.0	896.6	880.1	863.7	847.3	817.7	788.2	758.6	729.1	727.4
57.5°	1018.1	1018.1	1001.7	985.2	968.8	952.4	922.8	894.9	865.4	835.8	837.5
60°	1133.0	1136.3	1121.5	1106.7	1092.0	1077.2	1044.4	1011.5	977.0	944.2	949.1
62.5°	1248.0	1252.9	1243.0	1231.5	1221.7	1210.2	1177.4	1142.9	1110.0	1075.5	1085.4
65°	1367.8	1376.0	1367.8	1361.3	1353.1	1344.8	1305.4	1266.0	1226.6	1187.2	1205.3
67.5°	1486.1	1494.3	1491.0	1487.7	1484.4	1481.1	1435.2	1390.8	1344.8	1298.9	1320.2
70°	1609.2	1617.4	1615.8	1614.1	1612.5	1610.9	1555.0	1499.2	1443.4	1387.5	1408.9
72.5°	1683.1	1691.3	1688.0	1683.1	1679.8	1674.9	1619.1	1561.6	1505.8	1448.3	1469.6
75°	1609.2	1622.4	1627.3	1633.9	1638.8	1643.7	1594.4	1543.5	1494.3	1443.4	1474.6
77.5°	1293.9	1307.1	1335.0	1361.3	1389.2	1415.5	1390.8	1367.8	1343.2	1318.6	1374.4
80°	720.9	753.7	803.0	853.9	903.1	952.4	968.8	986.9	1003.3	1019.7	1100.2
82.5°	198.7	215.1	259.4	305.4	349.8	394.1	445.0	495.9	545.2	596.1	676.5
85°	55.8	64.0	70.6	77.2	83.7	90.3	106.7	123.2	137.9	154.4	195.4
87.5°	6.6	6.6	8.2	9.9	9.9	11.5	13.1	14.8	14.8	16.4	14.8
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: P560353

CATALOG NUMBER: SDL-PA1-40-730-U-5WQ

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9
2.5°	389.2	390.8	392.5	394.1	394.1	395.7	395.7	397.4	397.4	399.0	399.0
5°	336.6	336.6	336.6	338.3	339.9	341.5	343.2	351.4	358.0	366.2	372.7
7.5°	328.4	326.8	326.8	325.1	325.1	323.5	321.8	318.6	313.6	310.3	305.4
10°	279.2	279.2	279.2	274.2	270.9	266.0	261.1	259.4	256.2	254.5	251.2
12.5°	269.3	257.8	246.3	243.0	239.7	236.5	233.2	234.8	236.5	238.1	239.7
15°	225.0	220.0	213.5	211.8	210.2	206.9	205.3	205.3	206.9	206.9	206.9
17.5°	228.2	211.8	195.4	203.6	213.5	221.7	229.9	226.6	223.3	218.4	215.1
20°	244.7	244.7	243.0	238.1	231.5	226.6	220.0	215.1	211.8	206.9	202.0
22.5°	243.0	246.3	249.6	241.4	233.2	223.3	215.1	225.0	233.2	243.0	251.2
25°	259.4	244.7	231.5	238.1	244.7	251.2	257.8	249.6	241.4	233.2	225.0
27.5°	274.2	277.5	282.4	274.2	266.0	257.8	249.6	256.2	262.7	267.7	274.2
30°	282.4	275.9	267.7	270.9	275.9	279.2	282.4	290.6	298.9	305.4	313.6
32.5°	303.8	302.1	302.1	302.1	303.8	303.8	303.8	320.2	335.0	351.4	366.2
35°	328.4	325.1	321.8	325.1	328.4	331.7	335.0	348.1	359.6	372.7	384.2
37.5°	353.0	349.8	348.1	348.1	348.1	348.1	348.1	362.9	377.7	390.8	405.6
40°	384.2	379.3	376.0	374.4	372.7	369.5	367.8	385.9	403.9	422.0	440.1
42.5°	418.7	413.8	407.2	405.6	403.9	400.7	399.0	418.7	438.4	456.5	476.2
45°	459.8	453.2	446.6	445.0	441.7	440.1	436.8	456.5	476.2	495.9	515.6
47.5°	509.0	505.8	500.8	497.5	492.6	489.3	484.4	504.1	525.5	545.2	564.9
50°	564.9	564.9	563.2	556.7	550.1	543.5	537.0	556.7	576.4	596.1	615.8
52.5°	638.8	635.5	632.2	625.6	619.1	610.8	604.3	624.0	642.0	661.8	679.8
55°	727.4	725.8	724.1	714.3	704.4	694.6	684.7	702.8	722.5	740.6	758.6
57.5°	837.5	839.1	839.1	826.0	812.8	798.0	784.9	804.6	824.3	842.4	862.1
60°	955.7	960.6	965.5	949.1	932.7	914.6	898.2	916.3	932.7	950.8	967.2
62.5°	1095.3	1103.5	1113.3	1088.7	1064.1	1039.4	1014.8	1034.5	1054.2	1072.3	1092.0
65°	1225.0	1243.0	1261.1	1231.5	1202.0	1172.4	1142.9	1162.6	1183.9	1203.6	1223.3
67.5°	1341.6	1362.9	1384.3	1354.7	1323.5	1293.9	1262.7	1285.7	1308.7	1330.1	1353.1
70°	1430.2	1451.6	1472.9	1445.0	1417.1	1389.2	1361.3	1381.0	1400.7	1420.4	1440.1
72.5°	1492.6	1514.0	1535.3	1500.8	1466.4	1430.2	1395.8	1418.7	1441.7	1463.1	1486.1
75°	1505.8	1537.0	1568.2	1522.2	1474.6	1428.6	1381.0	1397.4	1413.8	1430.2	1446.7
77.5°	1430.2	1486.1	1541.9	1476.2	1408.9	1343.2	1275.9	1274.2	1271.0	1269.3	1266.0
80°	1180.6	1259.5	1339.9	1262.7	1187.2	1110.0	1032.9	1003.3	973.7	944.2	914.6
82.5°	757.0	835.8	916.3	830.9	745.5	658.5	573.1	505.8	440.1	372.7	305.4
85°	236.5	277.5	318.6	284.1	249.6	215.1	180.6	157.6	134.6	111.7	88.7
87.5°	14.8	13.1	11.5	13.1	13.1	14.8	14.8	13.1	13.1	11.5	9.9
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: P560353

CATALOG NUMBER: SDL-PA1-40-730-U-5WQ

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9
2.5°	399.0	399.0	397.4	397.4	397.4	399.0	399.0	399.0	399.0	399.0	399.0
5°	376.0	381.0	384.2	387.5	389.2	389.2	390.8	390.8	390.8	390.8	390.8
7.5°	312.0	320.2	326.8	333.3	335.0	336.6	336.6	338.3	338.3	336.6	338.3
10°	252.9	256.2	257.8	259.4	267.7	277.5	285.7	293.9	293.9	293.9	293.9
12.5°	234.8	229.9	223.3	218.4	226.6	234.8	243.0	251.2	251.2	251.2	251.2
15°	213.5	220.0	226.6	233.2	244.7	257.8	269.3	280.8	280.8	280.8	280.8
17.5°	216.8	216.8	218.4	218.4	225.0	229.9	236.5	241.4	243.0	243.0	243.0
20°	210.2	218.4	226.6	234.8	248.0	261.1	272.6	285.7	287.4	289.0	287.4
22.5°	246.3	241.4	234.8	229.9	229.9	229.9	228.2	228.2	229.9	229.9	229.9
25°	239.7	252.9	267.7	280.8	290.6	298.9	308.7	316.9	316.9	315.3	316.9
27.5°	282.4	290.6	298.9	307.1	321.8	335.0	349.8	362.9	366.2	367.8	366.2
30°	335.0	354.7	376.0	395.7	405.6	415.4	425.3	435.1	435.1	435.1	435.1
32.5°	377.7	389.2	400.7	412.2	422.0	433.5	443.4	453.2	453.2	453.2	453.2
35°	397.4	410.5	422.0	435.1	445.0	454.9	463.1	472.9	474.6	474.6	474.6
37.5°	422.0	436.8	453.2	468.0	476.2	482.8	491.0	497.5	499.2	500.8	499.2
40°	456.5	472.9	489.3	505.8	512.3	518.9	523.8	530.4	530.4	530.4	530.4
42.5°	494.3	510.7	528.7	545.2	551.7	558.3	564.9	571.4	573.1	574.7	573.1
45°	535.3	555.0	574.7	594.4	602.6	610.8	617.4	625.6	627.3	628.9	627.3
47.5°	589.5	612.5	637.1	660.1	666.7	673.2	679.8	686.4	686.4	686.4	686.4
50°	647.0	676.5	707.7	737.3	740.6	745.5	748.8	752.1	753.7	753.7	753.7
52.5°	714.3	748.8	781.6	816.1	817.7	821.0	822.7	824.3	824.3	822.7	824.3
55°	796.4	832.5	870.3	906.4	906.4	908.1	908.1	908.1	906.4	903.1	906.4
57.5°	898.2	934.3	968.8	1004.9	1003.3	1001.7	1000.0	998.4	998.4	996.7	998.4
60°	1001.7	1037.8	1072.3	1106.7	1103.5	1098.5	1095.3	1090.3	1088.7	1085.4	1088.7
62.5°	1119.9	1149.4	1177.4	1205.3	1198.7	1192.1	1185.6	1179.0	1179.0	1179.0	1179.0
65°	1244.7	1267.7	1289.0	1310.4	1303.8	1298.9	1292.3	1285.7	1282.4	1279.2	1282.4
67.5°	1369.5	1385.9	1400.7	1417.1	1408.9	1400.7	1392.5	1384.3	1381.0	1376.0	1381.0
70°	1456.5	1472.9	1489.3	1505.8	1497.6	1489.3	1479.5	1471.3	1469.6	1468.0	1469.6
72.5°	1505.8	1525.5	1545.2	1564.9	1560.0	1553.4	1548.5	1541.9	1540.3	1537.0	1540.3
75°	1461.4	1477.9	1492.6	1507.4	1499.2	1491.0	1482.8	1474.6	1469.6	1463.1	1469.6
77.5°	1266.0	1267.7	1267.7	1267.7	1257.8	1248.0	1238.1	1228.3	1225.0	1220.1	1225.0
80°	880.1	845.7	811.2	776.7	743.9	711.0	678.2	645.3	637.1	627.3	637.1
82.5°	277.5	248.0	220.0	190.5	177.3	162.6	149.4	134.6	129.7	123.2	129.7
85°	83.7	78.8	72.3	67.3	62.4	57.5	50.9	46.0	42.7	39.4	42.7
87.5°	8.2	8.2	6.6	4.9	4.9	4.9	4.9	4.9	4.9	3.3	4.9
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: P560353

CATALOG NUMBER: SDL-PA1-40-730-U-5WQ

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9
2.5°	399.0	399.0	399.0	397.4	397.4	397.4	399.0	399.0	399.0	399.0	397.4
5°	390.8	390.8	389.2	389.2	387.5	384.2	381.0	376.0	372.7	366.2	358.0
7.5°	338.3	336.6	336.6	335.0	333.3	326.8	320.2	312.0	305.4	310.3	313.6
10°	293.9	285.7	277.5	267.7	259.4	257.8	256.2	252.9	251.2	254.5	256.2
12.5°	251.2	243.0	234.8	226.6	218.4	223.3	229.9	234.8	239.7	238.1	236.5
15°	280.8	269.3	257.8	244.7	233.2	226.6	220.0	213.5	206.9	206.9	206.9
17.5°	241.4	236.5	229.9	225.0	218.4	218.4	216.8	216.8	215.1	218.4	223.3
20°	285.7	272.6	261.1	248.0	234.8	226.6	218.4	210.2	202.0	206.9	211.8
22.5°	228.2	228.2	229.9	229.9	229.9	234.8	241.4	246.3	251.2	243.0	233.2
25°	316.9	308.7	298.9	290.6	280.8	267.7	252.9	239.7	225.0	233.2	241.4
27.5°	362.9	349.8	335.0	321.8	307.1	298.9	290.6	282.4	274.2	267.7	262.7
30°	435.1	425.3	415.4	405.6	395.7	376.0	354.7	335.0	313.6	305.4	298.9
32.5°	453.2	443.4	433.5	422.0	412.2	400.7	389.2	377.7	366.2	351.4	335.0
35°	472.9	463.1	454.9	445.0	435.1	422.0	410.5	397.4	384.2	372.7	359.6
37.5°	497.5	491.0	482.8	476.2	468.0	453.2	436.8	422.0	405.6	390.8	377.7
40°	530.4	523.8	518.9	512.3	505.8	489.3	472.9	456.5	440.1	422.0	403.9
42.5°	571.4	564.9	558.3	551.7	545.2	528.7	510.7	494.3	476.2	456.5	438.4
45°	625.6	617.4	610.8	602.6	594.4	574.7	555.0	535.3	515.6	495.9	476.2
47.5°	686.4	679.8	673.2	666.7	660.1	637.1	612.5	589.5	564.9	545.2	525.5
50°	752.1	748.8	745.5	740.6	737.3	707.7	676.5	647.0	615.8	596.1	576.4
52.5°	824.3	822.7	821.0	817.7	816.1	781.6	748.8	714.3	679.8	661.8	642.0
55°	908.1	908.1	908.1	906.4	906.4	870.3	832.5	796.4	758.6	740.6	722.5
57.5°	998.4	1000.0	1001.7	1003.3	1004.9	968.8	934.3	898.2	862.1	842.4	824.3
60°	1090.3	1095.3	1098.5	1103.5	1106.7	1072.3	1037.8	1001.7	967.2	950.8	932.7
62.5°	1179.0	1185.6	1192.1	1198.7	1205.3	1177.4	1149.4	1119.9	1092.0	1072.3	1054.2
65°	1285.7	1292.3	1298.9	1303.8	1310.4	1289.0	1267.7	1244.7	1223.3	1203.6	1183.9
67.5°	1384.3	1392.5	1400.7	1408.9	1417.1	1400.7	1385.9	1369.5	1353.1	1330.1	1308.7
70°	1471.3	1479.5	1489.3	1497.6	1505.8	1489.3	1472.9	1456.5	1440.1	1420.4	1400.7
72.5°	1541.9	1548.5	1553.4	1560.0	1564.9	1545.2	1525.5	1505.8	1486.1	1463.1	1441.7
75°	1474.6	1482.8	1491.0	1499.2	1507.4	1492.6	1477.9	1461.4	1446.7	1430.2	1413.8
77.5°	1228.3	1238.1	1248.0	1257.8	1267.7	1267.7	1267.7	1266.0	1266.0	1269.3	1271.0
80°	645.3	678.2	711.0	743.9	776.7	811.2	845.7	880.1	914.6	944.2	973.7
82.5°	134.6	149.4	162.6	177.3	190.5	220.0	248.0	277.5	305.4	372.7	440.1
85°	46.0	50.9	57.5	62.4	67.3	72.3	78.8	83.7	88.7	111.7	134.6
87.5°	4.9	4.9	4.9	4.9	4.9	6.6	8.2	8.2	9.9	11.5	13.1
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: P560353

CATALOG NUMBER: SDL-PA1-40-730-U-5WQ

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9
2.5°	397.4	395.7	395.7	394.1	394.1	392.5	390.8	389.2	387.5	385.9	384.2
5°	351.4	343.2	341.5	339.9	338.3	336.6	336.6	336.6	336.6	336.6	336.6
7.5°	318.6	321.8	323.5	325.1	325.1	326.8	326.8	328.4	328.4	328.4	326.8
10°	259.4	261.1	266.0	270.9	274.2	279.2	279.2	279.2	277.5	277.5	285.7
12.5°	234.8	233.2	236.5	239.7	243.0	246.3	257.8	269.3	279.2	290.6	297.2
15°	205.3	205.3	206.9	210.2	211.8	213.5	220.0	225.0	231.5	236.5	246.3
17.5°	226.6	229.9	221.7	213.5	203.6	195.4	211.8	228.2	244.7	261.1	269.3
20°	215.1	220.0	226.6	231.5	238.1	243.0	244.7	244.7	246.3	246.3	246.3
22.5°	225.0	215.1	223.3	233.2	241.4	249.6	246.3	243.0	239.7	236.5	251.2
25°	249.6	257.8	251.2	244.7	238.1	231.5	244.7	259.4	272.6	285.7	280.8
27.5°	256.2	249.6	257.8	266.0	274.2	282.4	277.5	274.2	269.3	264.4	274.2
30°	290.6	282.4	279.2	275.9	270.9	267.7	275.9	282.4	290.6	297.2	295.6
32.5°	320.2	303.8	303.8	303.8	302.1	302.1	302.1	303.8	303.8	303.8	315.3
35°	348.1	335.0	331.7	328.4	325.1	321.8	325.1	328.4	330.1	333.3	348.1
37.5°	362.9	348.1	348.1	348.1	348.1	348.1	349.8	353.0	354.7	356.3	372.7
40°	385.9	367.8	369.5	372.7	374.4	376.0	379.3	384.2	387.5	390.8	405.6
42.5°	418.7	399.0	400.7	403.9	405.6	407.2	413.8	418.7	425.3	430.2	446.6
45°	456.5	436.8	440.1	441.7	445.0	446.6	453.2	459.8	464.7	471.3	492.6
47.5°	504.1	484.4	489.3	492.6	497.5	500.8	505.8	509.0	514.0	517.2	540.2
50°	556.7	537.0	543.5	550.1	556.7	563.2	564.9	564.9	566.5	566.5	596.1
52.5°	624.0	604.3	610.8	619.1	625.6	632.2	635.5	638.8	640.4	643.7	673.2
55°	702.8	684.7	694.6	704.4	714.3	724.1	725.8	727.4	727.4	729.1	758.6
57.5°	804.6	784.9	798.0	812.8	826.0	839.1	839.1	837.5	837.5	835.8	865.4
60°	916.3	898.2	914.6	932.7	949.1	965.5	960.6	955.7	949.1	944.2	977.0
62.5°	1034.5	1014.8	1039.4	1064.1	1088.7	1113.3	1103.5	1095.3	1085.4	1075.5	1110.0
65°	1162.6	1142.9	1172.4	1202.0	1231.5	1261.1	1243.0	1225.0	1205.3	1187.2	1226.6
67.5°	1285.7	1262.7	1293.9	1323.5	1354.7	1384.3	1362.9	1341.6	1320.2	1298.9	1344.8
70°	1381.0	1361.3	1389.2	1417.1	1445.0	1472.9	1451.6	1430.2	1408.9	1387.5	1443.4
72.5°	1418.7	1395.8	1430.2	1466.4	1500.8	1535.3	1514.0	1492.6	1469.6	1448.3	1505.8
75°	1397.4	1381.0	1428.6	1474.6	1522.2	1568.2	1537.0	1505.8	1474.6	1443.4	1494.3
77.5°	1274.2	1275.9	1343.2	1408.9	1476.2	1541.9	1486.1	1430.2	1374.4	1318.6	1343.2
80°	1003.3	1032.9	1110.0	1187.2	1262.7	1339.9	1259.5	1180.6	1100.2	1019.7	1003.3
82.5°	505.8	573.1	658.5	745.5	830.9	916.3	835.8	757.0	676.5	596.1	545.2
85°	157.6	180.6	215.1	249.6	284.1	318.6	277.5	236.5	195.4	154.4	137.9
87.5°	13.1	14.8	14.8	13.1	13.1	11.5	13.1	14.8	14.8	16.4	14.8
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: P560353

CATALOG NUMBER: SDL-PA1-40-730-U-5WQ

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9	403.9
2.5°	382.6	379.3	377.7	372.7	367.8	362.9	358.0	358.0	359.6	359.6	359.6
5°	336.6	336.6	336.6	336.6	336.6	336.6	336.6	336.6	338.3	338.3	338.3
7.5°	325.1	323.5	321.8	320.2	320.2	318.6	316.9	312.0	305.4	300.5	293.9
10°	295.6	303.8	312.0	315.3	318.6	320.2	323.5	323.5	325.1	325.1	325.1
12.5°	305.4	312.0	318.6	316.9	315.3	313.6	312.0	305.4	297.2	290.6	282.4
15°	256.2	264.4	274.2	285.7	298.9	310.3	321.8	323.5	325.1	326.8	328.4
17.5°	279.2	287.4	295.6	298.9	303.8	307.1	310.3	303.8	295.6	289.0	280.8
20°	244.7	244.7	243.0	262.7	284.1	303.8	323.5	326.8	330.1	331.7	335.0
22.5°	264.4	279.2	292.3	290.6	289.0	287.4	285.7	285.7	285.7	284.1	284.1
25°	277.5	272.6	267.7	285.7	302.1	320.2	336.6	339.9	343.2	344.8	348.1
27.5°	285.7	295.6	305.4	302.1	298.9	293.9	290.6	292.3	295.6	297.2	298.9
30°	295.6	293.9	292.3	310.3	326.8	344.8	361.3	362.9	364.5	364.5	366.2
32.5°	325.1	336.6	346.5	354.7	364.5	372.7	381.0	395.7	412.2	426.9	441.7
35°	362.9	376.0	390.8	407.2	423.7	440.1	456.5	459.8	464.7	468.0	471.3
37.5°	387.5	403.9	418.7	436.8	454.9	471.3	489.3	492.6	494.3	497.5	499.2
40°	420.4	435.1	449.9	469.6	489.3	507.4	527.1	530.4	532.0	535.3	537.0
42.5°	461.4	477.8	492.6	512.3	530.4	550.1	568.2	569.8	573.1	574.7	576.4
45°	512.3	533.7	553.4	571.4	587.9	605.9	622.3	624.0	625.6	625.6	627.3
47.5°	563.2	584.6	607.6	625.6	643.7	660.1	678.2	681.5	683.1	686.4	688.0
50°	624.0	653.5	681.5	697.9	715.9	732.4	748.8	750.4	753.7	755.3	757.0
52.5°	701.2	730.7	758.6	775.1	793.1	809.5	826.0	827.6	827.6	829.2	829.2
55°	788.2	817.7	847.3	863.7	880.1	896.6	913.0	913.0	913.0	911.3	911.3
57.5°	894.9	922.8	952.4	968.8	985.2	1001.7	1018.1	1018.1	1018.1	1018.1	1018.1
60°	1011.5	1044.4	1077.2	1092.0	1106.7	1121.5	1136.3	1133.0	1128.1	1124.8	1119.9
62.5°	1142.9	1177.4	1210.2	1221.7	1231.5	1243.0	1252.9	1248.0	1241.4	1236.5	1229.9
65°	1266.0	1305.4	1344.8	1353.1	1361.3	1367.8	1376.0	1367.8	1359.6	1349.8	1341.6
67.5°	1390.8	1435.2	1481.1	1484.4	1487.7	1491.0	1494.3	1486.1	1477.9	1468.0	1459.8
70°	1499.2	1555.0	1610.9	1612.5	1614.1	1615.8	1617.4	1609.2	1601.0	1591.2	1582.9
72.5°	1561.6	1619.1	1674.9	1679.8	1683.1	1688.0	1691.3	1683.1	1676.5	1668.3	1660.1
75°	1543.5	1594.4	1643.7	1638.8	1633.9	1627.3	1622.4	1609.2	1596.1	1581.3	1568.2
77.5°	1367.8	1390.8	1415.5	1389.2	1361.3	1335.0	1307.1	1293.9	1279.2	1266.0	1251.3
80°	986.9	968.8	952.4	903.1	853.9	803.0	753.7	720.9	688.0	655.2	622.3
82.5°	495.9	445.0	394.1	349.8	305.4	259.4	215.1	198.7	180.6	164.2	146.1
85°	123.2	106.7	90.3	83.7	77.2	70.6	64.0	55.8	49.3	41.1	32.8
87.5°	14.8	13.1	11.5	9.9	9.9	8.2	6.6	6.6	6.6	4.9	4.9
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: P560353

CATALOG NUMBER: SDL-PA1-40-730-U-5WQ

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	403.9	403.9
2.5°	359.6	358.0
5°	338.3	338.3
7.5°	292.3	289.0
10°	325.1	325.1
12.5°	284.1	285.7
15°	328.4	328.4
17.5°	280.8	279.2
20°	335.0	335.0
22.5°	284.1	284.1
25°	348.1	346.5
27.5°	298.9	298.9
30°	366.2	366.2
32.5°	443.4	445.0
35°	472.9	472.9
37.5°	500.8	500.8
40°	537.0	535.3
42.5°	578.0	578.0
45°	628.9	628.9
47.5°	689.7	691.3
50°	757.0	757.0
52.5°	829.2	827.6
55°	911.3	911.3
57.5°	1013.2	1006.6
60°	1118.2	1116.6
62.5°	1228.3	1225.0
65°	1339.9	1336.6
67.5°	1458.1	1454.9
70°	1582.9	1581.3
72.5°	1655.2	1650.3
75°	1564.9	1561.6
77.5°	1238.1	1223.3
80°	614.1	605.9
82.5°	146.1	146.1
85°	31.2	29.6
87.5°	4.9	4.9
90°	0.0	0.0



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