

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: P560448

Luminaire Tested: **SDL-PA1-40-827-U-T2R-HSS**

Issue Date: 7/26/2021

Test Information

Test Method: LM-79-08
Report Number: P560448
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-PA1-40-827-U-T2R-HSS
Description: Springdale
(1) 80 CRI, 2700K, 500mA 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: 2968.4 lumens
Efficiency: N/A
Efficacy: 75.3 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): 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

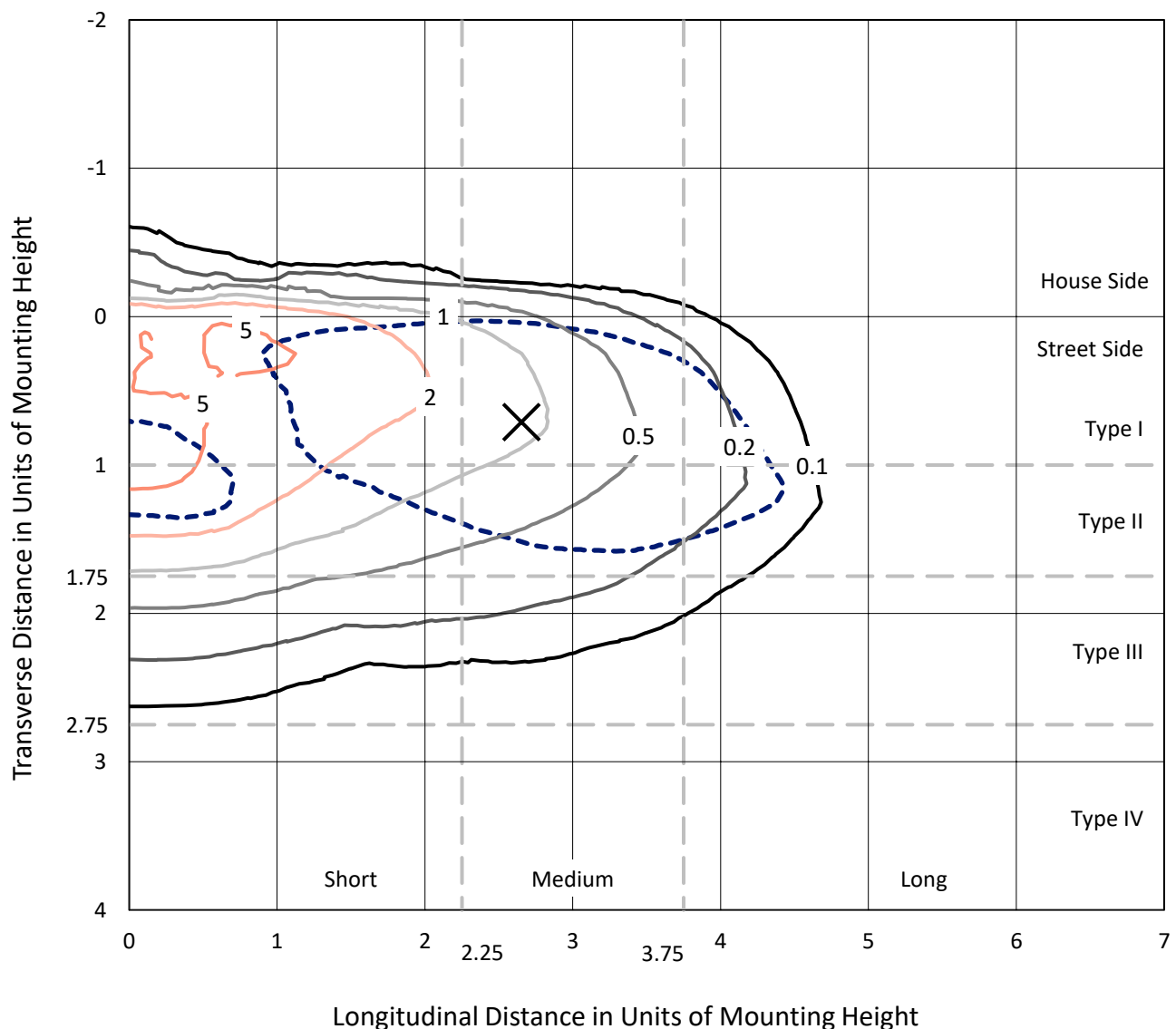


REPORT NUMBER: P560448

CATALOG NUMBER: SDL-PA1-40-827-U-T2R-HSS

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

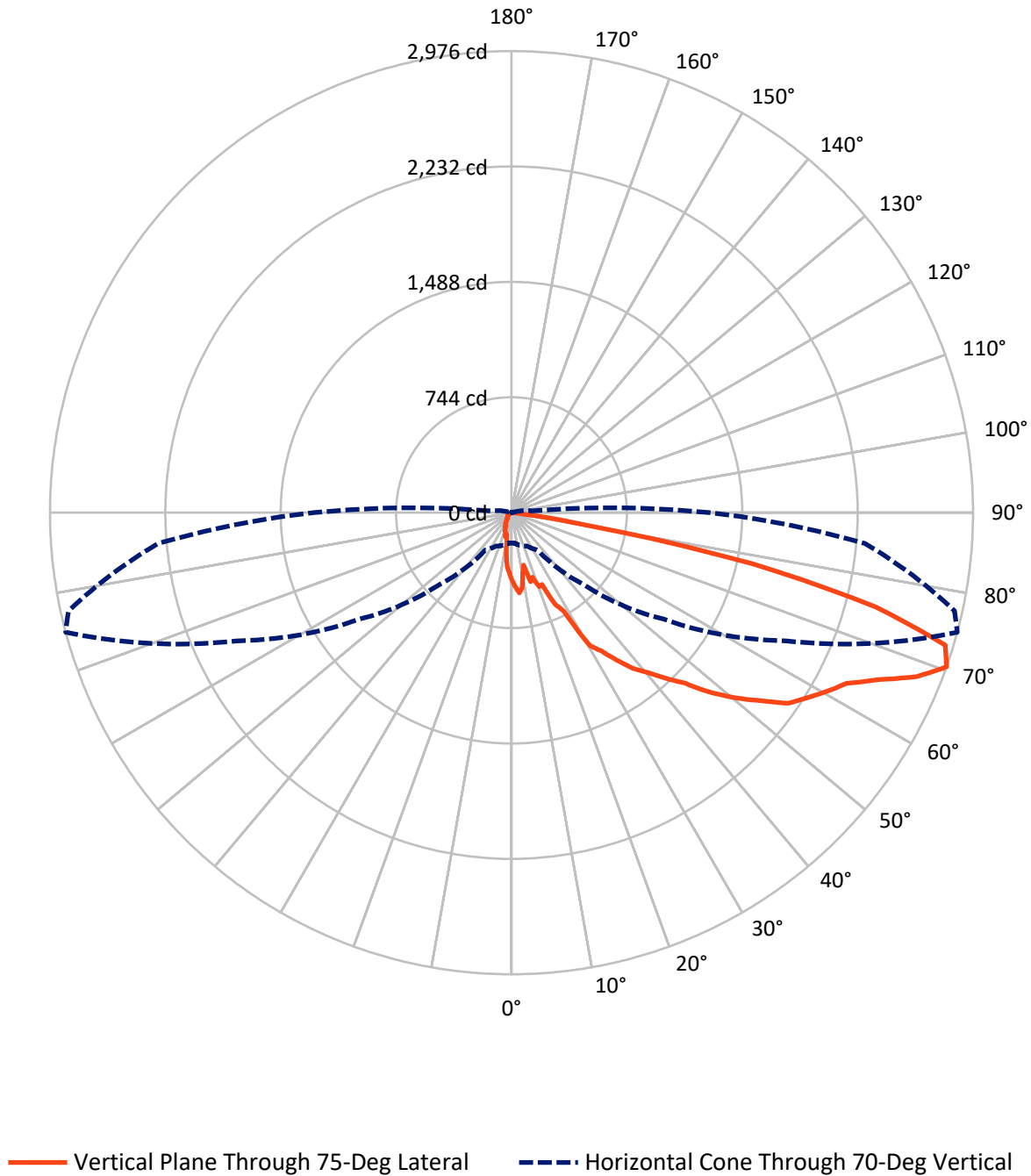


Based on 10 foot mounting height. Maximum calculated value = 8.1 fc
 Type II - Medium - N/A

REPORT NUMBER: P560448

CATALOG NUMBER: SDL-PA1-40-827-U-T2R-HSS

Luminous Intensity Polar Plot



REPORT NUMBER: P560448

CATALOG NUMBER: SDL-PA1-40-827-U-T2R-HSS

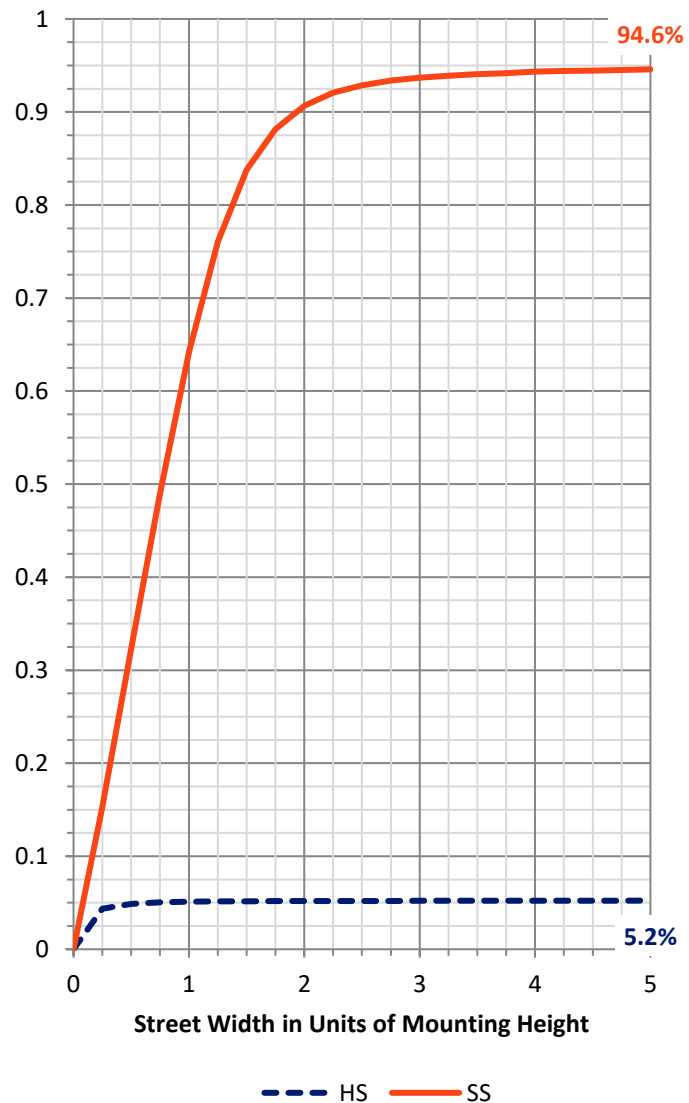
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	156.8	0.0	156.8
	% Fixture	5.3	0.0	5.3
Street Side	Lumens	2811.5	0.0	2811.5
	% Fixture	94.7	0.0	94.7
Total	Lumens	2968.4	0.0	2968.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.4	1.2
10°-20°	85.7	2.9
20°-30°	162.8	5.5
30°-40°	361.8	12.2
40°-50°	583.3	19.7
50°-60°	703.0	23.7
60°-70°	637.2	21.5
70°-80°	379.7	12.8
80°-90°	20.5	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°	2968.4	100.0
0°-180°	2968.4	100.0



REPORT NUMBER: P560448

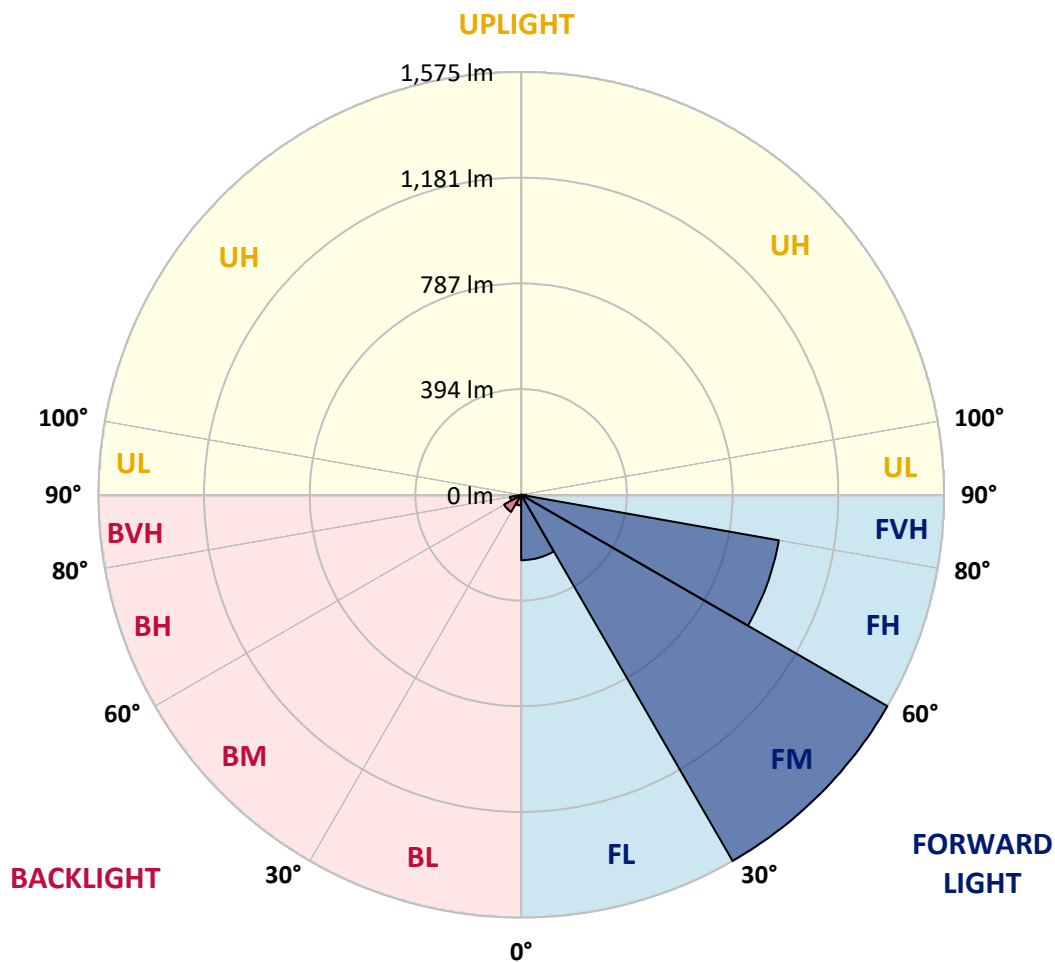
CATALOG NUMBER: SDL-PA1-40-827-U-T2R-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	243.5	8.2			
FM	(30°-60°)	1574.7	53.0			
FH	(60°-80°)	974.6	32.8			G1/1800
FVH	(80°-90°)	18.7	0.6			G1/100
BL	(0°-30°)	39.4	1.3	B0/110		
BM	(30°-60°)	73.4	2.5	B0/220		
BH	(60°-80°)	42.3	1.4	B0/110		G0/110
BVH	(80°-90°)	1.8	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



REPORT NUMBER: P560448

CATALOG NUMBER: SDL-PA1-40-827-U-T2R-HSS

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5
2.5°	483.4	494.0	504.6	508.6	513.9	517.9	521.9	525.8	529.8	532.5	536.5
5°	549.7	548.4	547.1	545.8	545.8	544.4	543.1	541.8	540.5	537.8	536.5
7.5°	482.0	516.6	549.7	551.1	552.4	552.4	553.7	561.7	569.7	576.3	584.3
10°	626.8	626.8	626.8	626.8	626.8	625.4	625.4	626.8	626.8	628.1	628.1
12.5°	527.2	535.1	541.8	565.7	588.3	612.2	634.7	640.0	645.4	649.3	654.7
15°	637.4	640.0	642.7	644.0	645.4	645.4	646.7	626.8	606.8	586.9	567.0
17.5°	504.6	507.3	508.6	525.8	543.1	560.4	577.6	586.9	597.6	606.8	616.1
20°	646.7	648.0	649.3	650.7	652.0	652.0	653.3	610.8	568.3	525.8	483.4
22.5°	540.5	541.8	541.8	545.8	548.4	552.4	555.1	571.0	586.9	602.9	618.8
25°	742.3	742.3	741.0	734.3	729.0	722.4	715.7	675.9	636.1	594.9	555.1
27.5°	690.5	691.8	691.8	686.5	681.2	675.9	670.6	678.6	687.9	695.8	703.8
30°	995.9	995.9	995.9	989.3	981.3	974.7	966.7	908.3	849.9	790.1	731.7
32.5°	1338.5	1314.6	1289.4	1241.6	1193.8	1144.6	1096.8	1061.0	1025.1	988.0	952.1
35°	1491.2	1487.2	1483.3	1466.0	1448.7	1430.1	1412.9	1343.8	1274.8	1204.4	1135.4
37.5°	1620.0	1614.7	1608.1	1594.8	1581.5	1568.2	1555.0	1484.6	1412.9	1342.5	1270.8
40°	1723.6	1719.6	1715.6	1705.0	1694.4	1683.8	1673.1	1597.5	1521.8	1446.1	1370.4
42.5°	1798.0	1798.0	1796.6	1788.7	1779.4	1771.4	1762.1	1686.4	1610.7	1535.0	1459.4
45°	1853.7	1853.7	1853.7	1848.4	1841.8	1836.5	1829.8	1763.4	1698.4	1632.0	1565.6
47.5°	1861.7	1863.0	1864.4	1864.4	1864.4	1864.4	1864.4	1802.0	1740.9	1678.5	1616.0
50°	1788.7	1792.7	1796.6	1803.3	1811.3	1817.9	1824.5	1794.0	1762.1	1731.6	1699.7
52.5°	1593.5	1610.7	1626.7	1643.9	1661.2	1677.1	1694.4	1682.4	1670.5	1658.5	1646.6
55°	1212.4	1223.0	1232.3	1281.4	1330.6	1379.7	1428.8	1450.1	1470.0	1491.2	1511.1
57.5°	941.5	945.5	948.1	980.0	1011.9	1042.4	1074.3	1127.4	1180.5	1232.3	1285.4
60°	756.9	756.9	756.9	775.5	792.8	811.3	828.6	876.4	924.2	972.0	1019.8
62.5°	563.0	568.3	573.7	592.2	609.5	628.1	645.4	669.3	693.2	717.1	741.0
65°	390.4	397.0	402.4	414.3	427.6	439.5	451.5	471.4	492.6	512.6	532.5
67.5°	274.9	277.5	280.2	286.8	292.1	298.8	304.1	317.4	329.3	342.6	354.5
70°	195.2	196.5	196.5	201.8	207.2	212.5	217.8	223.1	228.4	232.4	237.7
72.5°	142.1	143.4	144.7	148.7	151.4	155.4	158.0	160.7	163.3	166.0	168.6
75°	73.0	75.7	77.0	87.6	98.3	108.9	119.5	120.8	122.2	122.2	123.5
77.5°	61.1	62.4	62.4	63.7	65.1	66.4	67.7	74.4	82.3	89.0	95.6
80°	43.8	43.8	42.5	45.1	47.8	50.5	53.1	55.8	58.4	59.8	62.4
82.5°	25.2	26.6	26.6	27.9	29.2	30.5	31.9	34.5	38.5	41.2	43.8
85°	2.7	4.0	5.3	8.0	10.6	13.3	15.9	19.9	22.6	26.6	29.2
87.5°	1.3	1.3	1.3	1.3	2.7	2.7	2.7	4.0	4.0	5.3	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: P560448

CATALOG NUMBER: SDL-PA1-40-827-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5
2.5°	539.1	541.8	543.1	545.8	544.4	541.8	540.5	537.8	533.8	529.8	524.5
5°	533.8	531.2	528.5	525.8	521.9	519.2	515.2	511.2	505.9	501.9	496.6
7.5°	584.3	582.9	582.9	581.6	577.6	575.0	571.0	567.0	560.4	553.7	547.1
10°	598.9	569.7	539.1	509.9	516.6	523.2	529.8	536.5	516.6	496.6	475.4
12.5°	641.4	628.1	614.8	601.5	580.3	557.7	536.5	513.9	503.3	491.3	480.7
15°	552.4	539.1	524.5	509.9	519.2	528.5	537.8	547.1	516.6	484.7	454.1
17.5°	604.2	590.9	579.0	565.7	528.5	491.3	452.8	415.6	447.5	478.0	509.9
20°	494.0	504.6	513.9	524.5	537.8	551.1	563.0	576.3	560.4	544.4	528.5
22.5°	597.6	577.6	556.4	535.1	544.4	553.7	561.7	571.0	552.4	533.8	513.9
25°	576.3	598.9	620.1	641.4	608.2	576.3	543.1	509.9	539.1	568.3	597.6
27.5°	673.2	642.7	610.8	580.3	608.2	636.1	662.6	690.5	665.3	638.7	613.5
30°	727.7	723.7	718.4	714.4	699.8	686.5	671.9	657.3	665.3	673.2	681.2
32.5°	907.0	863.1	818.0	772.8	783.5	794.1	803.4	814.0	802.0	790.1	776.8
35°	1076.9	1018.5	958.7	900.3	899.0	896.3	895.0	892.3	887.0	881.7	876.4
37.5°	1204.4	1138.0	1071.6	1005.2	1006.5	1006.5	1007.9	1007.9	989.3	970.7	952.1
40°	1309.3	1248.2	1187.1	1126.1	1120.7	1115.4	1110.1	1104.8	1079.6	1053.0	1027.8
42.5°	1398.3	1338.5	1277.4	1216.4	1207.1	1199.1	1189.8	1180.5	1159.3	1136.7	1115.4
45°	1495.2	1424.8	1354.5	1284.1	1276.1	1268.1	1260.2	1252.2	1234.9	1217.7	1200.4
47.5°	1545.7	1475.3	1403.6	1333.2	1327.9	1321.3	1315.9	1309.3	1300.0	1289.4	1280.1
50°	1617.4	1536.4	1454.0	1371.7	1369.1	1366.4	1362.4	1359.8	1357.1	1355.8	1353.1
52.5°	1584.2	1520.4	1458.0	1394.3	1395.6	1395.6	1396.9	1396.9	1403.6	1410.2	1416.9
55°	1477.9	1446.1	1412.9	1379.7	1386.3	1394.3	1400.9	1407.6	1424.8	1440.8	1458.0
57.5°	1290.7	1296.0	1301.3	1306.6	1330.6	1353.1	1377.0	1399.6	1424.8	1448.7	1474.0
60°	1049.0	1078.3	1106.1	1135.4	1191.1	1246.9	1302.7	1358.4	1396.9	1434.1	1472.6
62.5°	782.1	823.3	864.5	905.6	991.9	1079.6	1165.9	1252.2	1310.6	1367.7	1426.2
65°	571.0	609.5	646.7	685.2	788.8	892.3	995.9	1099.5	1183.2	1265.5	1349.1
67.5°	382.4	410.3	436.9	464.8	569.7	674.6	779.5	884.4	999.9	1115.4	1229.6
70°	252.3	265.6	280.2	293.5	383.8	472.7	563.0	652.0	788.8	924.2	1061.0
72.5°	172.6	176.6	180.6	184.6	245.7	306.7	367.8	428.9	567.0	705.1	841.9
75°	123.5	122.2	122.2	120.8	156.7	192.5	227.1	262.9	370.5	476.7	584.3
77.5°	94.3	91.6	90.3	87.6	104.9	122.2	139.4	156.7	207.2	258.9	309.4
80°	59.8	57.1	53.1	50.5	57.1	63.7	70.4	77.0	85.0	93.0	100.9
82.5°	43.8	43.8	43.8	43.8	43.8	45.1	45.1	45.1	42.5	39.8	35.9
85°	27.9	26.6	25.2	23.9	21.2	18.6	15.9	13.3	14.6	15.9	15.9
87.5°	5.3	4.0	4.0	2.7	2.7	2.7	2.7	2.7	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: P560448

CATALOG NUMBER: SDL-PA1-40-827-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5
2.5°	520.5	515.2	509.9	504.6	499.3	494.0	488.7	483.4	478.0	470.1	463.4
5°	491.3	505.9	521.9	536.5	551.1	543.1	535.1	527.2	519.2	505.9	492.6
7.5°	540.5	523.2	507.3	491.3	474.1	478.0	482.0	486.0	490.0	478.0	462.1
10°	455.5	446.2	436.9	427.6	418.3	413.0	406.3	401.0	394.4	427.6	414.3
12.5°	468.7	464.8	460.8	455.5	451.5	424.9	399.7	373.1	346.6	336.0	339.9
15°	422.3	418.3	414.3	410.3	406.3	419.6	434.2	447.5	460.8	458.1	455.5
17.5°	540.5	523.2	507.3	490.0	472.7	464.8	455.5	447.5	438.2	423.6	419.6
20°	512.6	494.0	475.4	456.8	438.2	456.8	474.1	492.6	509.9	540.5	531.2
22.5°	495.3	525.8	557.7	588.3	618.8	589.6	561.7	532.5	503.3	512.6	467.4
25°	626.8	604.2	582.9	560.4	537.8	567.0	596.2	625.4	654.7	641.4	620.1
27.5°	586.9	609.5	630.8	653.3	674.6	685.2	697.1	707.8	718.4	691.8	697.1
30°	689.2	717.1	743.6	771.5	798.1	847.2	895.0	944.1	991.9	981.3	938.8
32.5°	764.9	811.3	857.8	903.0	949.4	977.3	1006.5	1034.4	1062.3	1065.0	1011.9
35°	871.1	903.0	934.8	966.7	998.6	1041.1	1082.2	1124.7	1165.9	1142.0	1082.2
37.5°	933.5	966.7	1001.2	1034.4	1067.6	1119.4	1171.2	1221.7	1273.5	1221.7	1156.6
40°	1001.2	1037.1	1074.3	1110.1	1146.0	1199.1	1250.9	1304.0	1355.8	1353.1	1264.2
42.5°	1092.9	1128.7	1165.9	1201.7	1237.6	1293.4	1349.1	1403.6	1459.4	1458.0	1357.1
45°	1183.2	1216.4	1248.2	1281.4	1313.3	1377.0	1440.8	1504.5	1568.2	1574.9	1460.7
47.5°	1269.5	1298.7	1327.9	1357.1	1386.3	1474.0	1560.3	1647.9	1734.2	1693.1	1569.6
50°	1350.5	1379.7	1408.9	1438.1	1467.3	1569.6	1673.1	1775.4	1877.6	1823.2	1690.4
52.5°	1423.5	1459.4	1496.5	1532.4	1568.2	1679.8	1791.3	1902.9	2014.4	1958.6	1821.9
55°	1474.0	1524.4	1573.6	1624.0	1673.1	1796.6	1921.5	2045.0	2168.5	2104.7	1946.7
57.5°	1497.9	1557.6	1618.7	1678.5	1738.2	1865.7	1994.5	2122.0	2249.5	2185.7	2023.7
60°	1509.8	1578.9	1647.9	1715.6	1784.7	1922.8	2062.2	2200.3	2338.4	2284.0	2119.3
62.5°	1483.3	1570.9	1659.9	1747.5	1835.2	1982.5	2129.9	2276.0	2423.4	2387.6	2230.9
65°	1431.5	1547.0	1663.9	1779.4	1894.9	2070.2	2245.5	2419.4	2594.7	2556.2	2399.5
67.5°	1345.2	1496.5	1647.9	1799.3	1950.7	2168.5	2384.9	2602.7	2819.1	2780.6	2601.3
70°	1196.4	1386.3	1576.2	1764.8	1954.7	2209.6	2465.9	2720.9	2975.8	2925.4	2712.9
72.5°	980.0	1193.8	1407.6	1620.0	1833.8	2106.0	2379.6	2651.8	2924.0	2828.4	2586.7
75°	690.5	885.7	1080.9	1274.8	1470.0	1709.0	1948.0	2185.7	2424.7	2302.6	2066.2
77.5°	359.9	480.7	600.2	721.0	840.6	1027.8	1213.7	1400.9	1586.8	1367.7	1189.8
80°	108.9	159.3	208.5	258.9	308.1	351.9	395.7	438.2	482.0	358.5	297.4
82.5°	33.2	43.8	53.1	63.7	73.0	73.0	73.0	71.7	71.7	57.1	47.8
85°	17.3	18.6	18.6	19.9	19.9	19.9	18.6	18.6	17.3	17.3	14.6
87.5°	5.3	5.3	6.6	6.6	6.6	6.6	6.6	5.3	5.3	5.3	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: P560448

CATALOG NUMBER: SDL-PA1-40-827-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5
2.5°	458.1	451.5	444.8	436.9	428.9	420.9	413.0	405.0	397.0	389.1	382.4
5°	480.7	467.4	454.1	439.5	423.6	407.7	393.1	378.5	362.5	347.9	334.6
7.5°	446.2	430.2	410.3	390.4	370.5	350.6	329.3	309.4	288.2	266.9	249.6
10°	399.7	386.4	365.2	342.6	318.7	293.5	265.6	237.7	209.8	181.9	170.0
12.5°	342.6	346.6	324.0	301.4	276.2	251.0	224.4	197.9	170.0	143.4	135.4
15°	452.8	450.2	420.9	391.7	353.2	314.7	276.2	236.4	197.9	158.0	138.1
17.5°	414.3	410.3	378.5	346.6	312.1	277.5	241.7	204.5	168.6	131.5	112.9
20°	523.2	513.9	474.1	432.9	382.4	330.6	280.2	229.7	179.3	128.8	107.6
22.5°	422.3	377.1	345.3	313.4	273.5	232.4	199.2	164.7	131.5	96.9	83.7
25°	597.6	576.3	521.9	466.1	395.7	325.3	268.2	211.1	154.0	96.9	81.0
27.5°	702.5	707.8	633.4	559.0	470.1	381.1	306.7	232.4	158.0	83.7	71.7
30°	896.3	853.8	766.2	677.2	552.4	426.3	338.6	251.0	163.3	75.7	65.1
32.5°	960.1	907.0	807.4	706.4	560.4	413.0	325.3	237.7	148.7	61.1	54.4
35°	1023.8	964.1	849.9	735.7	568.3	399.7	312.1	225.7	138.1	50.5	46.5
37.5°	1091.5	1026.5	899.0	770.2	576.3	382.4	298.8	213.8	130.1	45.1	41.2
40°	1176.5	1087.5	946.8	804.7	584.3	363.8	282.8	203.2	122.2	41.2	37.2
42.5°	1257.5	1156.6	999.9	841.9	593.6	345.3	268.2	192.5	115.5	38.5	34.5
45°	1347.8	1233.6	1063.6	892.3	606.8	321.4	249.6	177.9	106.2	34.5	30.5
47.5°	1446.1	1322.6	1132.7	942.8	620.1	297.4	231.1	166.0	99.6	33.2	29.2
50°	1557.6	1424.8	1216.4	1006.5	646.7	285.5	221.8	158.0	94.3	30.5	26.6
52.5°	1686.4	1549.7	1315.9	1080.9	678.6	274.9	213.8	151.4	90.3	27.9	23.9
55°	1790.0	1632.0	1373.0	1112.8	685.2	256.3	199.2	140.8	83.7	25.2	22.6
57.5°	1863.0	1701.0	1427.5	1153.9	697.1	239.0	184.6	131.5	77.0	22.6	19.9
60°	1953.3	1788.7	1495.2	1200.4	711.8	223.1	172.6	122.2	70.4	19.9	17.3
62.5°	2074.2	1917.5	1592.1	1265.5	735.7	204.5	158.0	111.5	63.7	17.3	15.9
65°	2241.5	2084.8	1706.3	1327.9	758.2	187.2	144.7	102.2	58.4	15.9	14.6
67.5°	2420.8	2241.5	1796.6	1350.5	758.2	166.0	128.8	90.3	53.1	14.6	13.3
70°	2500.4	2288.0	1782.0	1274.8	703.8	132.8	103.6	73.0	43.8	13.3	12.0
72.5°	2346.4	2104.7	1584.2	1063.6	573.7	83.7	65.1	47.8	29.2	10.6	9.3
75°	1828.5	1592.1	1181.8	770.2	406.3	41.2	33.2	25.2	15.9	8.0	6.6
77.5°	1013.2	835.2	606.8	378.5	201.8	23.9	19.9	15.9	10.6	6.6	6.6
80°	237.7	176.6	128.8	79.7	47.8	14.6	12.0	10.6	8.0	5.3	5.3
82.5°	38.5	29.2	21.2	13.3	10.6	8.0	6.6	6.6	5.3	4.0	4.0
85°	12.0	9.3	8.0	5.3	5.3	4.0	4.0	4.0	2.7	2.7	2.7
87.5°	4.0	4.0	4.0	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
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: P560448

CATALOG NUMBER: SDL-PA1-40-827-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5
2.5°	374.5	367.8	359.9	354.5	349.2	342.6	337.3	332.0	326.7	321.4	316.0
5°	321.4	306.7	293.5	276.2	257.6	240.3	221.8	213.8	207.2	199.2	191.2
7.5°	232.4	215.1	197.9	191.2	184.6	176.6	170.0	163.3	156.7	150.1	143.4
10°	159.3	147.4	135.4	130.1	124.8	118.2	112.9	107.6	102.2	95.6	90.3
12.5°	127.5	118.2	110.2	100.9	91.6	82.3	73.0	70.4	67.7	63.7	61.1
15°	116.9	96.9	75.7	69.1	63.7	57.1	50.5	49.1	49.1	47.8	46.5
17.5°	94.3	75.7	57.1	54.4	50.5	47.8	43.8	41.2	38.5	35.9	33.2
20°	86.3	65.1	43.8	42.5	41.2	38.5	37.2	35.9	35.9	34.5	33.2
22.5°	71.7	58.4	45.1	41.2	37.2	33.2	29.2	29.2	30.5	30.5	30.5
25°	65.1	49.1	33.2	33.2	31.9	31.9	30.5	29.2	26.6	25.2	22.6
27.5°	59.8	47.8	35.9	33.2	30.5	27.9	25.2	25.2	23.9	23.9	22.6
30°	55.8	45.1	34.5	31.9	30.5	27.9	25.2	23.9	22.6	19.9	18.6
32.5°	49.1	42.5	35.9	33.2	29.2	26.6	22.6	21.2	19.9	17.3	15.9
35°	42.5	37.2	33.2	30.5	26.6	23.9	19.9	18.6	17.3	15.9	14.6
37.5°	37.2	33.2	29.2	26.6	23.9	19.9	17.3	15.9	14.6	13.3	12.0
40°	33.2	29.2	25.2	22.6	19.9	17.3	14.6	13.3	13.3	12.0	10.6
42.5°	30.5	26.6	22.6	19.9	18.6	15.9	13.3	12.0	10.6	9.3	8.0
45°	27.9	23.9	19.9	18.6	15.9	14.6	12.0	10.6	9.3	8.0	6.6
47.5°	25.2	21.2	17.3	15.9	14.6	12.0	10.6	9.3	8.0	6.6	5.3
50°	23.9	19.9	15.9	14.6	13.3	10.6	9.3	8.0	8.0	6.6	5.3
52.5°	21.2	17.3	13.3	12.0	10.6	9.3	8.0	6.6	6.6	5.3	4.0
55°	18.6	15.9	12.0	10.6	9.3	8.0	6.6	5.3	5.3	4.0	2.7
57.5°	17.3	13.3	10.6	9.3	8.0	6.6	5.3	5.3	4.0	4.0	2.7
60°	14.6	12.0	9.3	8.0	6.6	5.3	4.0	4.0	2.7	2.7	1.3
62.5°	13.3	12.0	9.3	8.0	6.6	5.3	4.0	4.0	2.7	2.7	1.3
65°	12.0	10.6	8.0	6.6	6.6	5.3	4.0	4.0	2.7	2.7	1.3
67.5°	12.0	9.3	8.0	6.6	5.3	4.0	2.7	2.7	2.7	1.3	1.3
70°	9.3	8.0	5.3	5.3	4.0	4.0	2.7	2.7	2.7	1.3	1.3
72.5°	8.0	6.6	5.3	5.3	4.0	4.0	2.7	2.7	2.7	1.3	1.3
75°	6.6	5.3	4.0	4.0	4.0	2.7	2.7	2.7	2.7	1.3	1.3
77.5°	5.3	5.3	4.0	4.0	4.0	2.7	2.7	2.7	2.7	1.3	1.3
80°	4.0	4.0	2.7	2.7	2.7	2.7	2.7	2.7	2.7	1.3	1.3
82.5°	4.0	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	1.3	1.3
85°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	1.3	1.3
87.5°	2.7	2.7	2.7	2.7	4.0	4.0	4.0	4.0	2.7	2.7	1.3
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: P560448

CATALOG NUMBER: SDL-PA1-40-827-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5
2.5°	310.7	304.1	298.8	292.1	282.8	272.2	262.9	252.3	251.0	249.6	247.0
5°	187.2	183.2	179.3	175.3	172.6	170.0	167.3	164.7	162.0	160.7	158.0
7.5°	138.1	132.8	127.5	122.2	118.2	115.5	111.5	107.6	104.9	100.9	98.3
10°	85.0	78.3	73.0	66.4	69.1	71.7	73.0	75.7	75.7	74.4	74.4
12.5°	61.1	61.1	61.1	61.1	61.1	61.1	59.8	59.8	59.8	58.4	58.4
15°	45.1	43.8	42.5	41.2	41.2	41.2	39.8	39.8	42.5	43.8	46.5
17.5°	34.5	35.9	35.9	37.2	38.5	39.8	39.8	41.2	41.2	42.5	42.5
20°	33.2	33.2	31.9	31.9	30.5	30.5	29.2	27.9	29.2	31.9	33.2
22.5°	29.2	26.6	25.2	22.6	23.9	26.6	27.9	29.2	29.2	29.2	29.2
25°	23.9	23.9	25.2	25.2	23.9	22.6	21.2	19.9	21.2	22.6	22.6
27.5°	21.2	19.9	18.6	17.3	18.6	18.6	19.9	19.9	19.9	19.9	18.6
30°	18.6	18.6	17.3	17.3	17.3	15.9	15.9	14.6	15.9	15.9	17.3
32.5°	15.9	14.6	14.6	13.3	13.3	14.6	14.6	14.6	14.6	14.6	14.6
35°	14.6	13.3	13.3	12.0	12.0	12.0	12.0	12.0	13.3	13.3	14.6
37.5°	12.0	10.6	10.6	9.3	9.3	10.6	10.6	10.6	10.6	12.0	12.0
40°	10.6	9.3	9.3	8.0	8.0	9.3	9.3	9.3	9.3	10.6	10.6
42.5°	8.0	8.0	6.6	6.6	6.6	8.0	8.0	8.0	8.0	9.3	9.3
45°	6.6	6.6	5.3	5.3	5.3	6.6	6.6	6.6	6.6	6.6	6.6
47.5°	5.3	5.3	4.0	4.0	4.0	5.3	5.3	5.3	5.3	5.3	5.3
50°	5.3	4.0	4.0	2.7	2.7	4.0	4.0	4.0	4.0	4.0	4.0
52.5°	4.0	4.0	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
55°	2.7	2.7	1.3	1.3	1.3	2.7	2.7	2.7	2.7	2.7	1.3
57.5°	2.7	2.7	1.3	1.3	1.3	2.7	2.7	2.7	2.7	2.7	1.3
60°	1.3	1.3	1.3	1.3	1.3	2.7	2.7	2.7	2.7	2.7	1.3
62.5°	1.3	1.3	1.3	1.3	1.3	2.7	2.7	2.7	2.7	2.7	2.7
65°	1.3	1.3	1.3	1.3	2.7	2.7	4.0	4.0	4.0	4.0	2.7
67.5°	1.3	1.3	1.3	1.3	2.7	2.7	4.0	4.0	4.0	2.7	2.7
70°	1.3	2.7	2.7	2.7	2.7	4.0	4.0	4.0	4.0	4.0	2.7
72.5°	1.3	2.7	2.7	2.7	2.7	4.0	4.0	4.0	4.0	4.0	2.7
75°	2.7	2.7	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	2.7
77.5°	2.7	2.7	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	2.7
80°	2.7	2.7	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	2.7
82.5°	2.7	2.7	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	2.7
85°	2.7	4.0	4.0	5.3	5.3	5.3	4.0	4.0	4.0	4.0	2.7
87.5°	2.7	4.0	4.0	5.3	5.3	5.3	4.0	4.0	4.0	4.0	2.7
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: P560448

CATALOG NUMBER: SDL-PA1-40-827-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5
2.5°	245.7	243.0	240.3	236.4	233.7	236.4	239.0	236.4	233.7	236.4	240.3
5°	155.4	154.0	154.0	152.7	151.4	151.4	150.1	151.4	151.4	152.7	154.0
7.5°	94.3	93.0	91.6	89.0	87.6	90.3	91.6	90.3	87.6	89.0	91.6
10°	73.0	73.0	71.7	71.7	70.4	70.4	70.4	70.4	70.4	71.7	71.7
12.5°	57.1	55.8	54.4	53.1	51.8	54.4	55.8	54.4	51.8	53.1	54.4
15°	47.8	47.8	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
17.5°	42.5	41.2	41.2	39.8	38.5	38.5	37.2	38.5	38.5	39.8	41.2
20°	34.5	34.5	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
22.5°	29.2	27.9	27.9	26.6	25.2	25.2	23.9	25.2	25.2	26.6	27.9
25°	23.9	23.9	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
27.5°	18.6	18.6	18.6	17.3	17.3	17.3	17.3	17.3	17.3	17.3	18.6
30°	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
32.5°	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
35°	14.6	14.6	14.6	13.3	13.3	13.3	13.3	13.3	13.3	13.3	14.6
37.5°	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
40°	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
42.5°	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
45°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
47.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
50°	4.0	4.0	4.0	2.7	2.7	2.7	2.7	2.7	2.7	2.7	4.0
52.5°	2.7	2.7	2.7	1.3	1.3	1.3	1.3	1.3	1.3	1.3	2.7
55°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
57.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
60°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
62.5°	2.7	2.7	2.7	1.3	1.3	1.3	1.3	1.3	1.3	1.3	2.7
65°	2.7	2.7	1.3	1.3	0.0	0.0	0.0	0.0	0.0	1.3	1.3
67.5°	1.3	1.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
70°	2.7	2.7	1.3	1.3	0.0	0.0	0.0	0.0	0.0	1.3	1.3
72.5°	2.7	2.7	1.3	1.3	0.0	0.0	0.0	0.0	0.0	1.3	1.3
75°	2.7	2.7	1.3	1.3	0.0	0.0	0.0	0.0	0.0	1.3	1.3
77.5°	2.7	2.7	2.7	1.3	1.3	1.3	0.0	1.3	1.3	1.3	2.7
80°	2.7	2.7	2.7	1.3	1.3	1.3	0.0	1.3	1.3	1.3	2.7
82.5°	2.7	2.7	2.7	1.3	1.3	1.3	0.0	1.3	1.3	1.3	2.7
85°	2.7	2.7	2.7	1.3	1.3	1.3	0.0	1.3	1.3	1.3	2.7
87.5°	2.7	2.7	2.7	1.3	1.3	1.3	0.0	1.3	1.3	1.3	2.7
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: P560448

CATALOG NUMBER: SDL-PA1-40-827-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5
2.5°	243.0	245.7	247.0	249.6	251.0	252.3	262.9	272.2	282.8	292.1	298.8
5°	154.0	155.4	158.0	160.7	162.0	164.7	167.3	170.0	172.6	175.3	179.3
7.5°	93.0	94.3	98.3	100.9	104.9	107.6	111.5	115.5	118.2	122.2	127.5
10°	73.0	73.0	74.4	74.4	75.7	75.7	73.0	71.7	69.1	66.4	73.0
12.5°	55.8	57.1	58.4	58.4	59.8	59.8	59.8	61.1	61.1	61.1	61.1
15°	47.8	47.8	46.5	43.8	42.5	39.8	39.8	41.2	41.2	41.2	42.5
17.5°	41.2	42.5	42.5	42.5	41.2	41.2	39.8	39.8	38.5	37.2	35.9
20°	34.5	34.5	33.2	31.9	29.2	27.9	29.2	30.5	30.5	31.9	31.9
22.5°	27.9	29.2	29.2	29.2	29.2	29.2	27.9	26.6	23.9	22.6	25.2
25°	23.9	23.9	22.6	22.6	21.2	19.9	21.2	22.6	23.9	25.2	25.2
27.5°	18.6	18.6	18.6	19.9	19.9	19.9	19.9	18.6	18.6	17.3	18.6
30°	17.3	17.3	17.3	15.9	15.9	14.6	15.9	15.9	17.3	17.3	17.3
32.5°	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	13.3	13.3	14.6
35°	14.6	14.6	14.6	13.3	13.3	12.0	12.0	12.0	12.0	12.0	13.3
37.5°	12.0	12.0	12.0	12.0	10.6	10.6	10.6	10.6	9.3	9.3	10.6
40°	10.6	10.6	10.6	10.6	9.3	9.3	9.3	9.3	8.0	8.0	9.3
42.5°	9.3	9.3	9.3	9.3	8.0	8.0	8.0	8.0	6.6	6.6	6.6
45°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	5.3	5.3	5.3
47.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	4.0	4.0	4.0
50°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	2.7	2.7	4.0
52.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
55°	1.3	1.3	1.3	2.7	2.7	2.7	2.7	2.7	1.3	1.3	1.3
57.5°	1.3	1.3	1.3	2.7	2.7	2.7	2.7	2.7	1.3	1.3	1.3
60°	1.3	1.3	1.3	2.7	2.7	2.7	2.7	2.7	1.3	1.3	1.3
62.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	1.3	1.3	1.3
65°	2.7	2.7	2.7	4.0	4.0	4.0	4.0	2.7	2.7	1.3	1.3
67.5°	1.3	1.3	2.7	2.7	4.0	4.0	4.0	2.7	2.7	1.3	1.3
70°	2.7	2.7	2.7	4.0	4.0	4.0	4.0	4.0	2.7	2.7	2.7
72.5°	2.7	2.7	2.7	4.0	4.0	4.0	4.0	4.0	2.7	2.7	2.7
75°	2.7	2.7	2.7	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
77.5°	2.7	2.7	2.7	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
80°	2.7	2.7	2.7	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
82.5°	2.7	2.7	2.7	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
85°	2.7	2.7	2.7	4.0	4.0	4.0	4.0	5.3	5.3	5.3	4.0
87.5°	2.7	2.7	2.7	4.0	4.0	4.0	4.0	5.3	5.3	5.3	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: P560448

CATALOG NUMBER: SDL-PA1-40-827-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5
2.5°	304.1	310.7	316.0	321.4	326.7	332.0	337.3	342.6	349.2	354.5	359.9
5°	183.2	187.2	191.2	199.2	207.2	213.8	221.8	240.3	257.6	276.2	293.5
7.5°	132.8	138.1	143.4	150.1	156.7	163.3	170.0	176.6	184.6	191.2	197.9
10°	78.3	85.0	90.3	95.6	102.2	107.6	112.9	118.2	124.8	130.1	135.4
12.5°	61.1	61.1	61.1	63.7	67.7	70.4	73.0	82.3	91.6	100.9	110.2
15°	43.8	45.1	46.5	47.8	49.1	49.1	50.5	57.1	63.7	69.1	75.7
17.5°	35.9	34.5	33.2	35.9	38.5	41.2	43.8	47.8	50.5	54.4	57.1
20°	33.2	33.2	33.2	34.5	35.9	35.9	37.2	38.5	41.2	42.5	43.8
22.5°	26.6	29.2	30.5	30.5	30.5	29.2	29.2	33.2	37.2	41.2	45.1
25°	23.9	23.9	22.6	25.2	26.6	29.2	30.5	31.9	31.9	33.2	33.2
27.5°	19.9	21.2	22.6	23.9	23.9	25.2	25.2	27.9	30.5	33.2	35.9
30°	18.6	18.6	18.6	19.9	22.6	23.9	25.2	27.9	30.5	31.9	34.5
32.5°	14.6	15.9	15.9	17.3	19.9	21.2	22.6	26.6	29.2	33.2	35.9
35°	13.3	14.6	14.6	15.9	17.3	18.6	19.9	23.9	26.6	30.5	33.2
37.5°	10.6	12.0	12.0	13.3	14.6	15.9	17.3	19.9	23.9	26.6	29.2
40°	9.3	10.6	10.6	12.0	13.3	13.3	14.6	17.3	19.9	22.6	25.2
42.5°	8.0	8.0	8.0	9.3	10.6	12.0	13.3	15.9	18.6	19.9	22.6
45°	6.6	6.6	6.6	8.0	9.3	10.6	12.0	14.6	15.9	18.6	19.9
47.5°	5.3	5.3	5.3	6.6	8.0	9.3	10.6	12.0	14.6	15.9	17.3
50°	4.0	5.3	5.3	6.6	8.0	8.0	9.3	10.6	13.3	14.6	15.9
52.5°	4.0	4.0	4.0	5.3	6.6	6.6	8.0	9.3	10.6	12.0	13.3
55°	2.7	2.7	2.7	4.0	5.3	5.3	6.6	8.0	9.3	10.6	12.0
57.5°	2.7	2.7	2.7	4.0	4.0	5.3	5.3	6.6	8.0	9.3	10.6
60°	1.3	1.3	1.3	2.7	2.7	4.0	4.0	5.3	6.6	8.0	9.3
62.5°	1.3	1.3	1.3	2.7	2.7	4.0	4.0	5.3	6.6	8.0	9.3
65°	1.3	1.3	1.3	2.7	2.7	4.0	4.0	5.3	6.6	6.6	8.0
67.5°	1.3	1.3	1.3	1.3	2.7	2.7	2.7	4.0	5.3	6.6	8.0
70°	2.7	1.3	1.3	1.3	2.7	2.7	2.7	4.0	4.0	5.3	5.3
72.5°	2.7	1.3	1.3	1.3	2.7	2.7	2.7	4.0	4.0	5.3	5.3
75°	2.7	2.7	1.3	1.3	2.7	2.7	2.7	2.7	4.0	4.0	4.0
77.5°	2.7	2.7	1.3	1.3	2.7	2.7	2.7	2.7	4.0	4.0	4.0
80°	2.7	2.7	1.3	1.3	2.7	2.7	2.7	2.7	2.7	2.7	2.7
82.5°	2.7	2.7	1.3	1.3	2.7	2.7	2.7	2.7	2.7	2.7	2.7
85°	4.0	2.7	1.3	1.3	2.7	2.7	2.7	2.7	2.7	2.7	2.7
87.5°	4.0	2.7	1.3	2.7	2.7	4.0	4.0	4.0	4.0	2.7	2.7
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: P560448

CATALOG NUMBER: SDL-PA1-40-827-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5
2.5°	367.8	374.5	382.4	389.1	397.0	405.0	413.0	420.9	428.9	436.9	444.8
5°	306.7	321.4	334.6	347.9	362.5	378.5	393.1	407.7	423.6	439.5	454.1
7.5°	215.1	232.4	249.6	266.9	288.2	309.4	329.3	350.6	370.5	390.4	410.3
10°	147.4	159.3	170.0	181.9	209.8	237.7	265.6	293.5	318.7	342.6	365.2
12.5°	118.2	127.5	135.4	143.4	170.0	197.9	224.4	251.0	276.2	301.4	324.0
15°	96.9	116.9	138.1	158.0	197.9	236.4	276.2	314.7	353.2	391.7	420.9
17.5°	75.7	94.3	112.9	131.5	168.6	204.5	241.7	277.5	312.1	346.6	378.5
20°	65.1	86.3	107.6	128.8	179.3	229.7	280.2	330.6	382.4	432.9	474.1
22.5°	58.4	71.7	83.7	96.9	131.5	164.7	199.2	232.4	273.5	313.4	345.3
25°	49.1	65.1	81.0	96.9	154.0	211.1	268.2	325.3	395.7	466.1	521.9
27.5°	47.8	59.8	71.7	83.7	158.0	232.4	306.7	381.1	470.1	559.0	633.4
30°	45.1	55.8	65.1	75.7	163.3	251.0	338.6	426.3	552.4	677.2	766.2
32.5°	42.5	49.1	54.4	61.1	148.7	237.7	325.3	413.0	560.4	706.4	807.4
35°	37.2	42.5	46.5	50.5	138.1	225.7	312.1	399.7	568.3	735.7	849.9
37.5°	33.2	37.2	41.2	45.1	130.1	213.8	298.8	382.4	576.3	770.2	899.0
40°	29.2	33.2	37.2	41.2	122.2	203.2	282.8	363.8	584.3	804.7	946.8
42.5°	26.6	30.5	34.5	38.5	115.5	192.5	268.2	345.3	593.6	841.9	999.9
45°	23.9	27.9	30.5	34.5	106.2	177.9	249.6	321.4	606.8	892.3	1063.6
47.5°	21.2	25.2	29.2	33.2	99.6	166.0	231.1	297.4	620.1	942.8	1132.7
50°	19.9	23.9	26.6	30.5	94.3	158.0	221.8	285.5	646.7	1006.5	1216.4
52.5°	17.3	21.2	23.9	27.9	90.3	151.4	213.8	274.9	678.6	1080.9	1315.9
55°	15.9	18.6	22.6	25.2	83.7	140.8	199.2	256.3	685.2	1112.8	1373.0
57.5°	13.3	17.3	19.9	22.6	77.0	131.5	184.6	239.0	697.1	1153.9	1427.5
60°	12.0	14.6	17.3	19.9	70.4	122.2	172.6	223.1	711.8	1200.4	1495.2
62.5°	12.0	13.3	15.9	17.3	63.7	111.5	158.0	204.5	735.7	1265.5	1592.1
65°	10.6	12.0	14.6	15.9	58.4	102.2	144.7	187.2	758.2	1327.9	1706.3
67.5°	9.3	12.0	13.3	14.6	53.1	90.3	128.8	166.0	758.2	1350.5	1796.6
70°	8.0	9.3	12.0	13.3	43.8	73.0	103.6	132.8	703.8	1274.8	1782.0
72.5°	6.6	8.0	9.3	10.6	29.2	47.8	65.1	83.7	573.7	1063.6	1584.2
75°	5.3	6.6	6.6	8.0	15.9	25.2	33.2	41.2	406.3	770.2	1181.8
77.5°	5.3	5.3	6.6	6.6	10.6	15.9	19.9	23.9	201.8	378.5	606.8
80°	4.0	4.0	5.3	5.3	8.0	10.6	12.0	14.6	47.8	79.7	128.8
82.5°	2.7	4.0	4.0	4.0	5.3	6.6	6.6	8.0	10.6	13.3	21.2
85°	2.7	2.7	2.7	2.7	2.7	4.0	4.0	4.0	5.3	5.3	8.0
87.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	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: P560448

CATALOG NUMBER: SDL-PA1-40-827-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5
2.5°	451.5	458.1	463.4	470.1	478.0	483.4	488.7	494.0	499.3	504.6	509.9
5°	467.4	480.7	492.6	505.9	519.2	527.2	535.1	543.1	551.1	536.5	521.9
7.5°	430.2	446.2	462.1	478.0	490.0	486.0	482.0	478.0	474.1	491.3	507.3
10°	386.4	399.7	414.3	427.6	394.4	401.0	406.3	413.0	418.3	427.6	436.9
12.5°	346.6	342.6	339.9	336.0	346.6	373.1	399.7	424.9	451.5	455.5	460.8
15°	450.2	452.8	455.5	458.1	460.8	447.5	434.2	419.6	406.3	410.3	414.3
17.5°	410.3	414.3	419.6	423.6	438.2	447.5	455.5	464.8	472.7	490.0	507.3
20°	513.9	523.2	531.2	540.5	509.9	492.6	474.1	456.8	438.2	456.8	475.4
22.5°	377.1	422.3	467.4	512.6	503.3	532.5	561.7	589.6	618.8	588.3	557.7
25°	576.3	597.6	620.1	641.4	654.7	625.4	596.2	567.0	537.8	560.4	582.9
27.5°	707.8	702.5	697.1	691.8	718.4	707.8	697.1	685.2	674.6	653.3	630.8
30°	853.8	896.3	938.8	981.3	991.9	944.1	895.0	847.2	798.1	771.5	743.6
32.5°	907.0	960.1	1011.9	1065.0	1062.3	1034.4	1006.5	977.3	949.4	903.0	857.8
35°	964.1	1023.8	1082.2	1142.0	1165.9	1124.7	1082.2	1041.1	998.6	966.7	934.8
37.5°	1026.5	1091.5	1156.6	1221.7	1273.5	1221.7	1171.2	1119.4	1067.6	1034.4	1001.2
40°	1087.5	1176.5	1264.2	1353.1	1355.8	1304.0	1250.9	1199.1	1146.0	1110.1	1074.3
42.5°	1156.6	1257.5	1357.1	1458.0	1459.4	1403.6	1349.1	1293.4	1237.6	1201.7	1165.9
45°	1233.6	1347.8	1460.7	1574.9	1568.2	1504.5	1440.8	1377.0	1313.3	1281.4	1248.2
47.5°	1322.6	1446.1	1569.6	1693.1	1734.2	1647.9	1560.3	1474.0	1386.3	1357.1	1327.9
50°	1424.8	1557.6	1690.4	1823.2	1877.6	1775.4	1673.1	1569.6	1467.3	1438.1	1408.9
52.5°	1549.7	1686.4	1821.9	1958.6	2014.4	1902.9	1791.3	1679.8	1568.2	1532.4	1496.5
55°	1632.0	1790.0	1946.7	2104.7	2168.5	2045.0	1921.5	1796.6	1673.1	1624.0	1573.6
57.5°	1701.0	1863.0	2023.7	2185.7	2249.5	2122.0	1994.5	1865.7	1738.2	1678.5	1618.7
60°	1788.7	1953.3	2119.3	2284.0	2338.4	2200.3	2062.2	1922.8	1784.7	1715.6	1647.9
62.5°	1917.5	2074.2	2230.9	2387.6	2423.4	2276.0	2129.9	1982.5	1835.2	1747.5	1659.9
65°	2084.8	2241.5	2399.5	2556.2	2594.7	2419.4	2245.5	2070.2	1894.9	1779.4	1663.9
67.5°	2241.5	2420.8	2601.3	2780.6	2819.1	2602.7	2384.9	2168.5	1950.7	1799.3	1647.9
70°	2288.0	2500.4	2712.9	2925.4	2975.8	2720.9	2465.9	2209.6	1954.7	1764.8	1576.2
72.5°	2104.7	2346.4	2586.7	2828.4	2924.0	2651.8	2379.6	2106.0	1833.8	1620.0	1407.6
75°	1592.1	1828.5	2066.2	2302.6	2424.7	2185.7	1948.0	1709.0	1470.0	1274.8	1080.9
77.5°	835.2	1013.2	1189.8	1367.7	1586.8	1400.9	1213.7	1027.8	840.6	721.0	600.2
80°	176.6	237.7	297.4	358.5	482.0	438.2	395.7	351.9	308.1	258.9	208.5
82.5°	29.2	38.5	47.8	57.1	71.7	71.7	73.0	73.0	73.0	63.7	53.1
85°	9.3	12.0	14.6	17.3	17.3	18.6	18.6	19.9	19.9	19.9	18.6
87.5°	4.0	4.0	5.3	5.3	5.3	5.3	6.6	6.6	6.6	6.6	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: P560448

CATALOG NUMBER: SDL-PA1-40-827-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5
2.5°	515.2	520.5	524.5	529.8	533.8	537.8	540.5	541.8	544.4	545.8	543.1
5°	505.9	491.3	496.6	501.9	505.9	511.2	515.2	519.2	521.9	525.8	528.5
7.5°	524.5	540.5	547.1	553.7	560.4	567.0	571.0	575.0	577.6	581.6	582.9
10°	446.2	455.5	475.4	496.6	516.6	536.5	529.8	523.2	516.6	509.9	539.1
12.5°	464.8	468.7	480.7	491.3	503.3	513.9	536.5	557.7	580.3	601.5	614.8
15°	418.3	422.3	454.1	484.7	516.6	547.1	537.8	528.5	519.2	509.9	524.5
17.5°	523.2	540.5	509.9	478.0	447.5	415.6	452.8	491.3	528.5	565.7	579.0
20°	494.0	512.6	528.5	544.4	560.4	576.3	563.0	551.1	537.8	524.5	513.9
22.5°	525.8	495.3	513.9	533.8	552.4	571.0	561.7	553.7	544.4	535.1	556.4
25°	604.2	626.8	597.6	568.3	539.1	509.9	543.1	576.3	608.2	641.4	620.1
27.5°	609.5	586.9	613.5	638.7	665.3	690.5	662.6	636.1	608.2	580.3	610.8
30°	717.1	689.2	681.2	673.2	665.3	657.3	671.9	686.5	699.8	714.4	718.4
32.5°	811.3	764.9	776.8	790.1	802.0	814.0	803.4	794.1	783.5	772.8	818.0
35°	903.0	871.1	876.4	881.7	887.0	892.3	895.0	896.3	899.0	900.3	958.7
37.5°	966.7	933.5	952.1	970.7	989.3	1007.9	1007.9	1006.5	1006.5	1005.2	1071.6
40°	1037.1	1001.2	1027.8	1053.0	1079.6	1104.8	1110.1	1115.4	1120.7	1126.1	1187.1
42.5°	1128.7	1092.9	1115.4	1136.7	1159.3	1180.5	1189.8	1199.1	1207.1	1216.4	1277.4
45°	1216.4	1183.2	1200.4	1217.7	1234.9	1252.2	1260.2	1268.1	1276.1	1284.1	1354.5
47.5°	1298.7	1269.5	1280.1	1289.4	1300.0	1309.3	1315.9	1321.3	1327.9	1333.2	1403.6
50°	1379.7	1350.5	1353.1	1355.8	1357.1	1359.8	1362.4	1366.4	1369.1	1371.7	1454.0
52.5°	1459.4	1423.5	1416.9	1410.2	1403.6	1396.9	1396.9	1395.6	1395.6	1394.3	1458.0
55°	1524.4	1474.0	1458.0	1440.8	1424.8	1407.6	1400.9	1394.3	1386.3	1379.7	1412.9
57.5°	1557.6	1497.9	1474.0	1448.7	1424.8	1399.6	1377.0	1353.1	1330.6	1306.6	1301.3
60°	1578.9	1509.8	1472.6	1434.1	1396.9	1358.4	1302.7	1246.9	1191.1	1135.4	1106.1
62.5°	1570.9	1483.3	1426.2	1367.7	1310.6	1252.2	1165.9	1079.6	991.9	905.6	864.5
65°	1547.0	1431.5	1349.1	1265.5	1183.2	1099.5	995.9	892.3	788.8	685.2	646.7
67.5°	1496.5	1345.2	1229.6	1115.4	999.9	884.4	779.5	674.6	569.7	464.8	436.9
70°	1386.3	1196.4	1061.0	924.2	788.8	652.0	563.0	472.7	383.8	293.5	280.2
72.5°	1193.8	980.0	841.9	705.1	567.0	428.9	367.8	306.7	245.7	184.6	180.6
75°	885.7	690.5	584.3	476.7	370.5	262.9	227.1	192.5	156.7	120.8	122.2
77.5°	480.7	359.9	309.4	258.9	207.2	156.7	139.4	122.2	104.9	87.6	90.3
80°	159.3	108.9	100.9	93.0	85.0	77.0	70.4	63.7	57.1	50.5	53.1
82.5°	43.8	33.2	35.9	39.8	42.5	45.1	45.1	45.1	43.8	43.8	43.8
85°	18.6	17.3	15.9	15.9	14.6	13.3	15.9	18.6	21.2	23.9	25.2
87.5°	5.3	5.3	5.3	4.0	4.0	2.7	2.7	2.7	2.7	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: P560448

CATALOG NUMBER: SDL-PA1-40-827-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5	435.5
2.5°	541.8	539.1	536.5	532.5	529.8	525.8	521.9	517.9	513.9	508.6	504.6
5°	531.2	533.8	536.5	537.8	540.5	541.8	543.1	544.4	545.8	545.8	547.1
7.5°	582.9	584.3	584.3	576.3	569.7	561.7	553.7	552.4	552.4	551.1	549.7
10°	569.7	598.9	628.1	628.1	626.8	626.8	625.4	625.4	626.8	626.8	626.8
12.5°	628.1	641.4	654.7	649.3	645.4	640.0	634.7	612.2	588.3	565.7	541.8
15°	539.1	552.4	567.0	586.9	606.8	626.8	646.7	645.4	645.4	644.0	642.7
17.5°	590.9	604.2	616.1	606.8	597.6	586.9	577.6	560.4	543.1	525.8	508.6
20°	504.6	494.0	483.4	525.8	568.3	610.8	653.3	652.0	652.0	650.7	649.3
22.5°	577.6	597.6	618.8	602.9	586.9	571.0	555.1	552.4	548.4	545.8	541.8
25°	598.9	576.3	555.1	594.9	636.1	675.9	715.7	722.4	729.0	734.3	741.0
27.5°	642.7	673.2	703.8	695.8	687.9	678.6	670.6	675.9	681.2	686.5	691.8
30°	723.7	727.7	731.7	790.1	849.9	908.3	966.7	974.7	981.3	989.3	995.9
32.5°	863.1	907.0	952.1	988.0	1025.1	1061.0	1096.8	1144.6	1193.8	1241.6	1289.4
35°	1018.5	1076.9	1135.4	1204.4	1274.8	1343.8	1412.9	1430.1	1448.7	1466.0	1483.3
37.5°	1138.0	1204.4	1270.8	1342.5	1412.9	1484.6	1555.0	1568.2	1581.5	1594.8	1608.1
40°	1248.2	1309.3	1370.4	1446.1	1521.8	1597.5	1673.1	1683.8	1694.4	1705.0	1715.6
42.5°	1338.5	1398.3	1459.4	1535.0	1610.7	1686.4	1762.1	1771.4	1779.4	1788.7	1796.6
45°	1424.8	1495.2	1565.6	1632.0	1698.4	1763.4	1829.8	1836.5	1841.8	1848.4	1853.7
47.5°	1475.3	1545.7	1616.0	1678.5	1740.9	1802.0	1864.4	1864.4	1864.4	1864.4	1864.4
50°	1536.4	1617.4	1699.7	1731.6	1762.1	1794.0	1824.5	1817.9	1811.3	1803.3	1796.6
52.5°	1520.4	1584.2	1646.6	1658.5	1670.5	1682.4	1694.4	1677.1	1661.2	1643.9	1626.7
55°	1446.1	1477.9	1511.1	1491.2	1470.0	1450.1	1428.8	1379.7	1330.6	1281.4	1232.3
57.5°	1296.0	1290.7	1285.4	1232.3	1180.5	1127.4	1074.3	1042.4	1011.9	980.0	948.1
60°	1078.3	1049.0	1019.8	972.0	924.2	876.4	828.6	811.3	792.8	775.5	756.9
62.5°	823.3	782.1	741.0	717.1	693.2	669.3	645.4	628.1	609.5	592.2	573.7
65°	609.5	571.0	532.5	512.6	492.6	471.4	451.5	439.5	427.6	414.3	402.4
67.5°	410.3	382.4	354.5	342.6	329.3	317.4	304.1	298.8	292.1	286.8	280.2
70°	265.6	252.3	237.7	232.4	228.4	223.1	217.8	212.5	207.2	201.8	196.5
72.5°	176.6	172.6	168.6	166.0	163.3	160.7	158.0	155.4	151.4	148.7	144.7
75°	122.2	123.5	123.5	122.2	122.2	120.8	119.5	108.9	98.3	87.6	77.0
77.5°	91.6	94.3	95.6	89.0	82.3	74.4	67.7	66.4	65.1	63.7	62.4
80°	57.1	59.8	62.4	59.8	58.4	55.8	53.1	50.5	47.8	45.1	42.5
82.5°	43.8	43.8	43.8	41.2	38.5	34.5	31.9	30.5	29.2	27.9	26.6
85°	26.6	27.9	29.2	26.6	22.6	19.9	15.9	13.3	10.6	8.0	5.3
87.5°	4.0	5.3	5.3	5.3	4.0	4.0	2.7	2.7	2.7	1.3	1.3
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: P560448

CATALOG NUMBER: SDL-PA1-40-827-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	435.5	435.5
2.5°	494.0	483.4
5°	548.4	549.7
7.5°	516.6	482.0
10°	626.8	626.8
12.5°	535.1	527.2
15°	640.0	637.4
17.5°	507.3	504.6
20°	648.0	646.7
22.5°	541.8	540.5
25°	742.3	742.3
27.5°	691.8	690.5
30°	995.9	995.9
32.5°	1314.6	1338.5
35°	1487.2	1491.2
37.5°	1614.7	1620.0
40°	1719.6	1723.6
42.5°	1798.0	1798.0
45°	1853.7	1853.7
47.5°	1863.0	1861.7
50°	1792.7	1788.7
52.5°	1610.7	1593.5
55°	1223.0	1212.4
57.5°	945.5	941.5
60°	756.9	756.9
62.5°	568.3	563.0
65°	397.0	390.4
67.5°	277.5	274.9
70°	196.5	195.2
72.5°	143.4	142.1
75°	75.7	73.0
77.5°	62.4	61.1
80°	43.8	43.8
82.5°	26.6	25.2
85°	4.0	2.7
87.5°	1.3	1.3
90°	0.0	0.0

(END OF REPORT)