

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: P559964

Luminaire Tested: **SDL-PA1-20-722-U-T2R-HSS**

Issue Date: 7/26/2021

Test Information

Test Method: LM-79-08
Report Number: P559964
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-PA1-20-722-U-T2R-HSS
Description: Springdale
(1) 70 CRI, 2200K, 260mA 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: 1649.6 lumens
Efficiency: N/A
Efficacy: 78.6 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

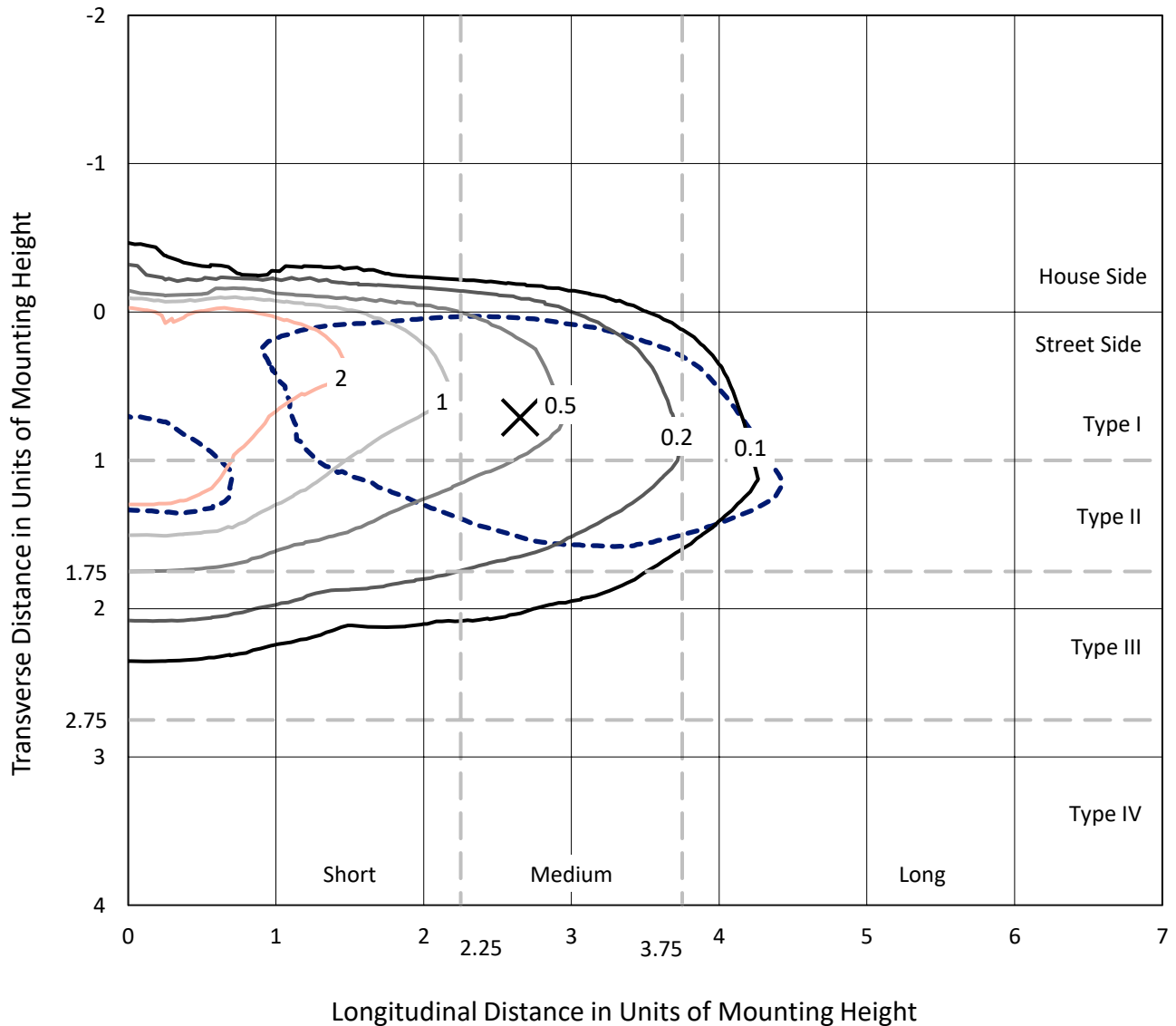
Input Watts (W): 21
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P559964
 CATALOG NUMBER: SDL-PA1-20-722-U-T2R-HSS

Iso-Footcandle Lines of Horizontal Illumination

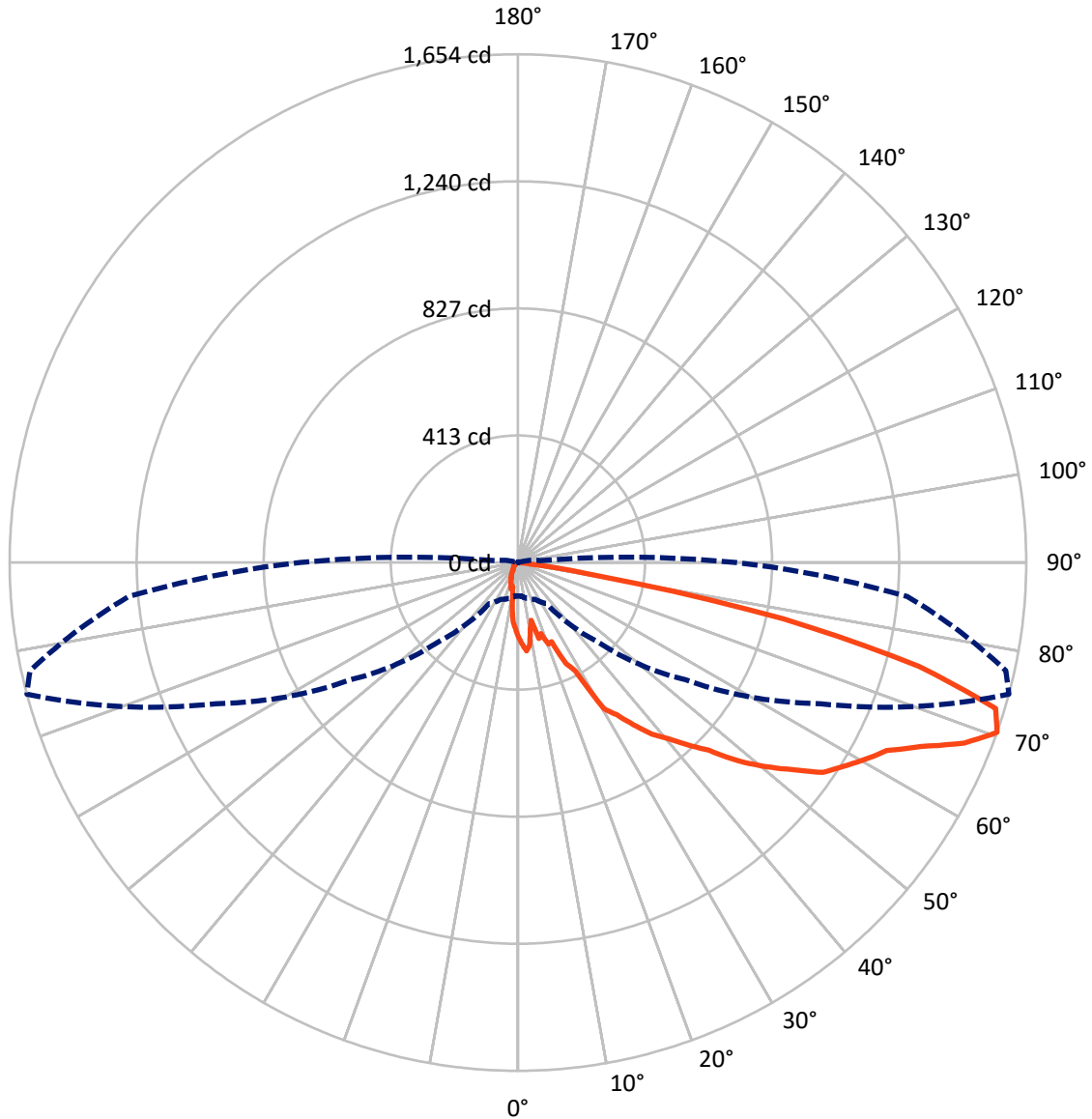
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 4.5 fc
 Type II - Medium - N/A

REPORT NUMBER: P559964
CATALOG NUMBER: SDL-PA1-20-722-U-T2R-HSS

Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

REPORT NUMBER: P559964

CATALOG NUMBER: SDL-PA1-20-722-U-T2R-HSS

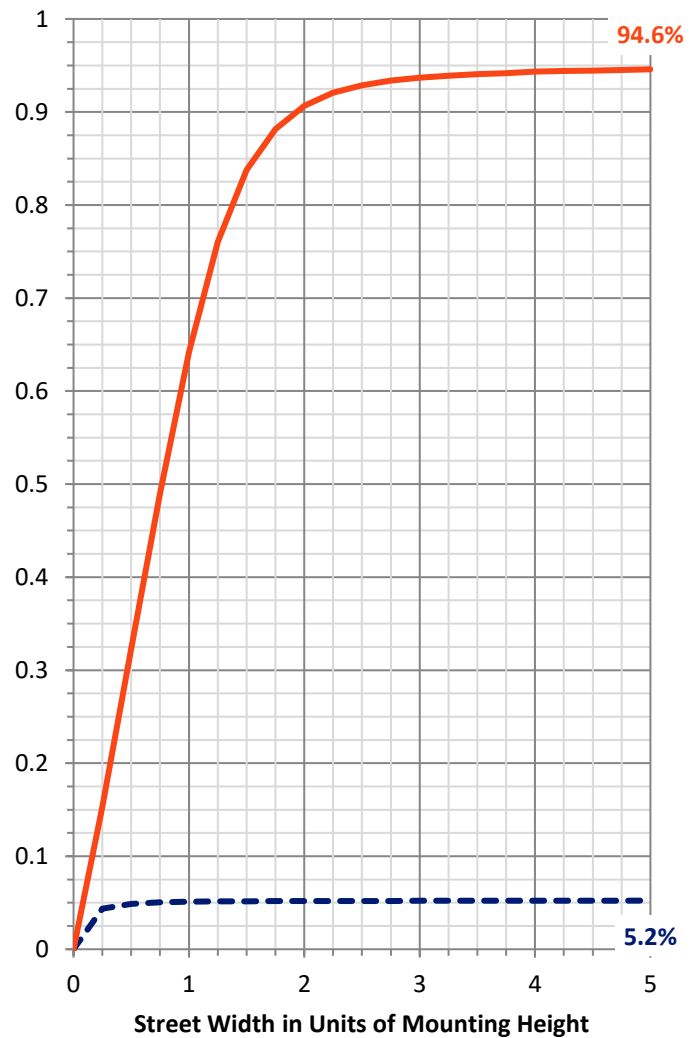
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	87.1	0.0	87.1
	% Fixture	5.3	0.0	5.3
Street Side	Lumens	1562.5	0.0	1562.5
	% Fixture	94.7	0.0	94.7
Total	Lumens	1649.6	0.0	1649.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.1	1.2
10°-20°	47.6	2.9
20°-30°	90.5	5.5
30°-40°	201.1	12.2
40°-50°	324.2	19.7
50°-60°	390.7	23.7
60°-70°	354.1	21.5
70°-80°	211.0	12.8
80°-90°	11.4	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°	1649.6	100.0
0°-180°	1649.6	100.0



--- HS — SS

REPORT NUMBER: P559964

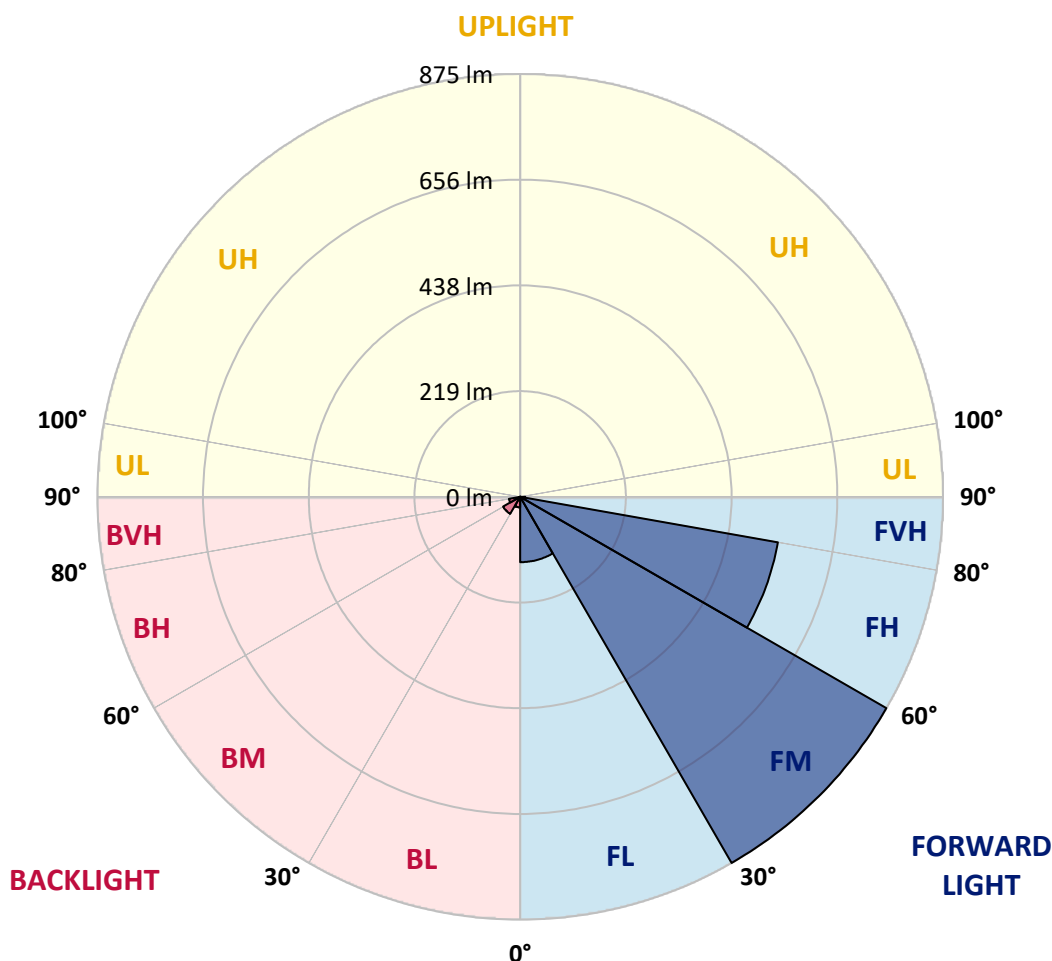
CATALOG NUMBER: SDL-PA1-20-722-U-T2R-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	135.3	8.2			
FM (30°-60°)	875.1	53.1			
FH (60°-80°)	541.6	32.8			G0/660
FVH (80°-90°)	10.4	0.6			G1/100
BL (0°-30°)	21.9	1.3	B0/110		
BM (30°-60°)	40.8	2.5	B0/220		
BH (60°-80°)	23.5	1.4	B0/110		G0/110
BVH (80°-90°)	1.0	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: P559964

CATALOG NUMBER: SDL-PA1-20-722-U-T2R-HSS

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0
2.5°	268.6	274.5	280.4	282.6	285.6	287.8	290.0	292.2	294.4	295.9	298.1
5°	305.5	304.8	304.0	303.3	303.3	302.6	301.8	301.1	300.3	298.9	298.1
7.5°	267.9	287.1	305.5	306.2	307.0	307.0	307.7	312.2	316.6	320.3	324.7
10°	348.3	348.3	348.3	348.3	348.3	347.6	347.6	348.3	348.3	349.1	349.1
12.5°	293.0	297.4	301.1	314.4	326.9	340.2	352.7	355.7	358.6	360.9	363.8
15°	354.2	355.7	357.2	357.9	358.6	358.6	359.4	348.3	337.2	326.2	315.1
17.5°	280.4	281.9	282.6	292.2	301.8	311.4	321.0	326.2	332.1	337.2	342.4
20°	359.4	360.1	360.9	361.6	362.3	362.3	363.1	339.5	315.8	292.2	268.6
22.5°	300.3	301.1	301.1	303.3	304.8	307.0	308.5	317.3	326.2	335.0	343.9
25°	412.5	412.5	411.8	408.1	405.1	401.4	397.8	375.6	353.5	330.6	308.5
27.5°	383.7	384.5	384.5	381.5	378.6	375.6	372.7	377.1	382.3	386.7	391.1
30°	553.5	553.5	553.5	549.8	545.3	541.7	537.2	504.8	472.3	439.1	406.6
32.5°	743.9	730.6	716.5	690.0	663.4	636.1	609.5	589.6	569.7	549.0	529.1
35°	828.7	826.5	824.3	814.7	805.1	794.8	785.2	746.8	708.4	669.3	630.9
37.5°	900.3	897.3	893.7	886.3	878.9	871.5	864.1	825.0	785.2	746.1	706.2
40°	957.9	955.6	953.4	947.5	941.6	935.7	929.8	887.8	845.7	803.6	761.6
42.5°	999.2	999.2	998.4	994.0	988.9	984.4	979.3	937.2	895.1	853.1	811.0
45°	1030.2	1030.2	1030.2	1027.2	1023.5	1020.6	1016.9	980.0	943.8	906.9	870.0
47.5°	1034.6	1035.3	1036.1	1036.1	1036.1	1036.1	1036.1	1001.4	967.5	932.8	898.1
50°	994.0	996.2	998.4	1002.1	1006.6	1010.3	1013.9	997.0	979.3	962.3	944.6
52.5°	885.5	895.1	904.0	913.6	923.2	932.0	941.6	935.0	928.3	921.7	915.1
55°	673.7	679.7	684.8	712.1	739.4	766.7	794.0	805.8	816.9	828.7	839.8
57.5°	523.2	525.4	526.9	544.6	562.3	579.3	597.0	626.5	656.0	684.8	714.3
60°	420.6	420.6	420.6	431.0	440.6	450.9	460.5	487.0	513.6	540.2	566.7
62.5°	312.9	315.8	318.8	329.1	338.7	349.1	358.6	371.9	385.2	398.5	411.8
65°	217.0	220.6	223.6	230.2	237.6	244.3	250.9	262.0	273.8	284.8	295.9
67.5°	152.8	154.2	155.7	159.4	162.3	166.0	169.0	176.4	183.0	190.4	197.0
70°	108.5	109.2	109.2	112.2	115.1	118.1	121.0	124.0	126.9	129.1	132.1
72.5°	79.0	79.7	80.4	82.7	84.1	86.3	87.8	89.3	90.8	92.2	93.7
75°	40.6	42.1	42.8	48.7	54.6	60.5	66.4	67.2	67.9	67.9	68.6
77.5°	33.9	34.7	34.7	35.4	36.2	36.9	37.6	41.3	45.8	49.4	53.1
80°	24.4	24.4	23.6	25.1	26.6	28.0	29.5	31.0	32.5	33.2	34.7
82.5°	14.0	14.8	14.8	15.5	16.2	17.0	17.7	19.2	21.4	22.9	24.4
85°	1.5	2.2	3.0	4.4	5.9	7.4	8.9	11.1	12.5	14.8	16.2
87.5°	0.7	0.7	0.7	0.7	1.5	1.5	1.5	2.2	2.2	3.0	3.0
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: P559964

CATALOG NUMBER: SDL-PA1-20-722-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0
2.5°	299.6	301.1	301.8	303.3	302.6	301.1	300.3	298.9	296.7	294.4	291.5
5°	296.7	295.2	293.7	292.2	290.0	288.5	286.3	284.1	281.2	278.9	276.0
7.5°	324.7	324.0	324.0	323.2	321.0	319.5	317.3	315.1	311.4	307.7	304.0
10°	332.8	316.6	299.6	283.4	287.1	290.8	294.4	298.1	287.1	276.0	264.2
12.5°	356.4	349.1	341.7	334.3	322.5	309.9	298.1	285.6	279.7	273.0	267.1
15°	307.0	299.6	291.5	283.4	288.5	293.7	298.9	304.0	287.1	269.4	252.4
17.5°	335.8	328.4	321.7	314.4	293.7	273.0	251.6	231.0	248.7	265.7	283.4
20°	274.5	280.4	285.6	291.5	298.9	306.2	312.9	320.3	311.4	302.6	293.7
22.5°	332.1	321.0	309.2	297.4	302.6	307.7	312.2	317.3	307.0	296.7	285.6
25°	320.3	332.8	344.6	356.4	338.0	320.3	301.8	283.4	299.6	315.8	332.1
27.5°	374.1	357.2	339.5	322.5	338.0	353.5	368.2	383.7	369.7	355.0	340.9
30°	404.4	402.2	399.2	397.0	388.9	381.5	373.4	365.3	369.7	374.1	378.6
32.5°	504.0	479.7	454.6	429.5	435.4	441.3	446.5	452.4	445.7	439.1	431.7
35°	598.5	566.0	532.8	500.3	499.6	498.1	497.4	495.9	493.0	490.0	487.0
37.5°	669.3	632.4	595.5	558.6	559.4	559.4	560.1	560.1	549.8	539.4	529.1
40°	727.6	693.7	659.7	625.8	622.8	619.9	616.9	614.0	600.0	585.2	571.2
42.5°	777.1	743.9	709.9	676.0	670.8	666.4	661.2	656.0	644.2	631.7	619.9
45°	830.9	791.8	752.7	713.6	709.2	704.7	700.3	695.9	686.3	676.7	667.1
47.5°	859.0	819.9	780.0	740.9	738.0	734.3	731.3	727.6	722.5	716.5	711.4
50°	898.8	853.8	808.1	762.3	760.8	759.4	757.1	755.7	754.2	753.4	752.0
52.5°	880.4	845.0	810.3	774.8	775.6	775.6	776.3	776.3	780.0	783.7	787.4
55°	821.3	803.6	785.2	766.7	770.4	774.8	778.5	782.2	791.8	800.7	810.3
57.5°	717.3	720.2	723.2	726.1	739.4	752.0	765.3	777.8	791.8	805.1	819.1
60°	583.0	599.2	614.7	630.9	661.9	692.9	723.9	754.9	776.3	797.0	818.4
62.5°	434.7	457.5	480.4	503.3	551.2	600.0	647.9	695.9	728.4	760.1	792.6
65°	317.3	338.7	359.4	380.8	438.3	495.9	553.5	611.0	657.5	703.3	749.8
67.5°	212.5	228.0	242.8	258.3	316.6	374.9	433.2	491.5	555.7	619.9	683.3
70°	140.2	147.6	155.7	163.1	213.3	262.7	312.9	362.3	438.3	513.6	589.6
72.5°	95.9	98.1	100.4	102.6	136.5	170.5	204.4	238.4	315.1	391.9	467.9
75°	68.6	67.9	67.9	67.2	87.1	107.0	126.2	146.1	205.9	264.9	324.7
77.5°	52.4	50.9	50.2	48.7	58.3	67.9	77.5	87.1	115.1	143.9	171.9
80°	33.2	31.7	29.5	28.0	31.7	35.4	39.1	42.8	47.2	51.7	56.1
82.5°	24.4	24.4	24.4	24.4	24.4	25.1	25.1	25.1	23.6	22.1	19.9
85°	15.5	14.8	14.0	13.3	11.8	10.3	8.9	7.4	8.1	8.9	8.9
87.5°	3.0	2.2	2.2	1.5	1.5	1.5	1.5	1.5	2.2	2.2	3.0
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: P559964
 CATALOG NUMBER: SDL-PA1-20-722-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0
2.5°	289.3	286.3	283.4	280.4	277.5	274.5	271.6	268.6	265.7	261.2	257.5
5°	273.0	281.2	290.0	298.1	306.2	301.8	297.4	293.0	288.5	281.2	273.8
7.5°	300.3	290.8	281.9	273.0	263.4	265.7	267.9	270.1	272.3	265.7	256.8
10°	253.1	248.0	242.8	237.6	232.5	229.5	225.8	222.9	219.2	237.6	230.2
12.5°	260.5	258.3	256.1	253.1	250.9	236.1	222.1	207.4	192.6	186.7	188.9
15°	234.7	232.5	230.2	228.0	225.8	233.2	241.3	248.7	256.1	254.6	253.1
17.5°	300.3	290.8	281.9	272.3	262.7	258.3	253.1	248.7	243.5	235.4	233.2
20°	284.8	274.5	264.2	253.9	243.5	253.9	263.4	273.8	283.4	300.3	295.2
22.5°	275.3	292.2	309.9	326.9	343.9	327.6	312.2	295.9	279.7	284.8	259.8
25°	348.3	335.8	324.0	311.4	298.9	315.1	331.3	347.6	363.8	356.4	344.6
27.5°	326.2	338.7	350.5	363.1	374.9	380.8	387.4	393.3	399.2	384.5	387.4
30°	383.0	398.5	413.3	428.7	443.5	470.8	497.4	524.7	551.2	545.3	521.7
32.5°	425.1	450.9	476.7	501.8	527.6	543.1	559.4	574.9	590.4	591.8	562.3
35°	484.1	501.8	519.5	537.2	554.9	578.6	601.4	625.0	647.9	634.6	601.4
37.5°	518.8	537.2	556.4	574.9	593.3	622.1	650.9	678.9	707.7	678.9	642.8
40°	556.4	576.3	597.0	616.9	636.9	666.4	695.1	724.7	753.4	752.0	702.5
42.5°	607.3	627.3	647.9	667.8	687.8	718.8	749.8	780.0	811.0	810.3	754.2
45°	657.5	676.0	693.7	712.1	729.8	765.3	800.7	836.1	871.5	875.2	811.7
47.5°	705.5	721.7	738.0	754.2	770.4	819.1	867.1	915.8	963.8	940.9	872.3
50°	750.5	766.7	783.0	799.2	815.4	872.3	929.8	986.6	1043.5	1013.2	939.4
52.5°	791.1	811.0	831.7	851.6	871.5	933.5	995.5	1057.5	1119.5	1088.5	1012.5
55°	819.1	847.2	874.5	902.5	929.8	998.4	1067.8	1136.4	1205.1	1169.7	1081.8
57.5°	832.4	865.6	899.6	932.8	966.0	1036.8	1108.4	1179.2	1250.1	1214.7	1124.6
60°	839.0	877.4	915.8	953.4	991.8	1068.6	1146.0	1222.8	1299.5	1269.3	1177.8
62.5°	824.3	873.0	922.4	971.1	1019.8	1101.8	1183.7	1264.8	1346.8	1326.8	1239.8
65°	795.5	859.7	924.7	988.9	1053.1	1150.5	1247.9	1344.5	1442.0	1420.6	1333.5
67.5°	747.5	831.7	915.8	999.9	1084.0	1205.1	1325.4	1446.4	1566.7	1545.3	1445.6
70°	664.9	770.4	875.9	980.7	1086.3	1227.9	1370.4	1512.1	1653.7	1625.7	1507.6
72.5°	544.6	663.4	782.2	900.3	1019.1	1170.4	1322.4	1473.7	1625.0	1571.8	1437.5
75°	383.7	492.2	600.7	708.4	816.9	949.7	1082.6	1214.7	1347.5	1279.6	1148.3
77.5°	200.0	267.1	333.6	400.7	467.1	571.2	674.5	778.5	881.9	760.1	661.2
80°	60.5	88.6	115.9	143.9	171.2	195.6	219.9	243.5	267.9	199.2	165.3
82.5°	18.4	24.4	29.5	35.4	40.6	40.6	40.6	39.8	39.8	31.7	26.6
85°	9.6	10.3	10.3	11.1	11.1	11.1	10.3	10.3	9.6	9.6	8.1
87.5°	3.0	3.0	3.7	3.7	3.7	3.7	3.7	3.0	3.0	3.0	3.0
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: P559964
 CATALOG NUMBER: SDL-PA1-20-722-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0
2.5°	254.6	250.9	247.2	242.8	238.4	233.9	229.5	225.1	220.6	216.2	212.5
5°	267.1	259.8	252.4	244.3	235.4	226.6	218.4	210.3	201.5	193.3	186.0
7.5°	248.0	239.1	228.0	217.0	205.9	194.8	183.0	171.9	160.1	148.3	138.7
10°	222.1	214.7	202.9	190.4	177.1	163.1	147.6	132.1	116.6	101.1	94.5
12.5°	190.4	192.6	180.1	167.5	153.5	139.5	124.7	110.0	94.5	79.7	75.3
15°	251.6	250.2	233.9	217.7	196.3	174.9	153.5	131.4	110.0	87.8	76.7
17.5°	230.2	228.0	210.3	192.6	173.4	154.2	134.3	113.6	93.7	73.1	62.7
20°	290.8	285.6	263.4	240.6	212.5	183.7	155.7	127.7	99.6	71.6	59.8
22.5°	234.7	209.6	191.9	174.2	152.0	129.1	110.7	91.5	73.1	53.9	46.5
25°	332.1	320.3	290.0	259.0	219.9	180.8	149.1	117.3	85.6	53.9	45.0
27.5°	390.4	393.3	352.0	310.7	261.2	211.8	170.5	129.1	87.8	46.5	39.8
30°	498.1	474.5	425.8	376.4	307.0	236.9	188.2	139.5	90.8	42.1	36.2
32.5°	533.5	504.0	448.7	392.6	311.4	229.5	180.8	132.1	82.7	33.9	30.3
35°	569.0	535.8	472.3	408.8	315.8	222.1	173.4	125.5	76.7	28.0	25.8
37.5°	606.6	570.4	499.6	428.0	320.3	212.5	166.0	118.8	72.3	25.1	22.9
40°	653.8	604.4	526.2	447.2	324.7	202.2	157.2	112.9	67.9	22.9	20.7
42.5°	698.8	642.8	555.7	467.9	329.9	191.9	149.1	107.0	64.2	21.4	19.2
45°	749.0	685.6	591.1	495.9	337.2	178.6	138.7	98.9	59.0	19.2	17.0
47.5°	803.6	735.0	629.5	523.9	344.6	165.3	128.4	92.2	55.3	18.4	16.2
50°	865.6	791.8	676.0	559.4	359.4	158.7	123.2	87.8	52.4	17.0	14.8
52.5°	937.2	861.2	731.3	600.7	377.1	152.8	118.8	84.1	50.2	15.5	13.3
55°	994.8	906.9	763.0	618.4	380.8	142.4	110.7	78.2	46.5	14.0	12.5
57.5°	1035.3	945.3	793.3	641.3	387.4	132.8	102.6	73.1	42.8	12.5	11.1
60°	1085.5	994.0	830.9	667.1	395.5	124.0	95.9	67.9	39.1	11.1	9.6
62.5°	1152.7	1065.6	884.8	703.3	408.8	113.6	87.8	62.0	35.4	9.6	8.9
65°	1245.7	1158.6	948.3	738.0	421.4	104.1	80.4	56.8	32.5	8.9	8.1
67.5°	1345.3	1245.7	998.4	750.5	421.4	92.2	71.6	50.2	29.5	8.1	7.4
70°	1389.6	1271.5	990.3	708.4	391.1	73.8	57.6	40.6	24.4	7.4	6.6
72.5°	1304.0	1169.7	880.4	591.1	318.8	46.5	36.2	26.6	16.2	5.9	5.2
75°	1016.2	884.8	656.8	428.0	225.8	22.9	18.4	14.0	8.9	4.4	3.7
77.5°	563.1	464.2	337.2	210.3	112.2	13.3	11.1	8.9	5.9	3.7	3.7
80°	132.1	98.1	71.6	44.3	26.6	8.1	6.6	5.9	4.4	3.0	3.0
82.5°	21.4	16.2	11.8	7.4	5.9	4.4	3.7	3.7	3.0	2.2	2.2
85°	6.6	5.2	4.4	3.0	3.0	2.2	2.2	2.2	1.5	1.5	1.5
87.5°	2.2	2.2	2.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
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: P559964
 CATALOG NUMBER: SDL-PA1-20-722-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0
2.5°	208.1	204.4	200.0	197.0	194.1	190.4	187.4	184.5	181.5	178.6	175.6
5°	178.6	170.5	163.1	153.5	143.2	133.6	123.2	118.8	115.1	110.7	106.3
7.5°	129.1	119.5	110.0	106.3	102.6	98.1	94.5	90.8	87.1	83.4	79.7
10°	88.6	81.9	75.3	72.3	69.4	65.7	62.7	59.8	56.8	53.1	50.2
12.5°	70.8	65.7	61.2	56.1	50.9	45.8	40.6	39.1	37.6	35.4	33.9
15°	64.9	53.9	42.1	38.4	35.4	31.7	28.0	27.3	27.3	26.6	25.8
17.5°	52.4	42.1	31.7	30.3	28.0	26.6	24.4	22.9	21.4	19.9	18.4
20°	48.0	36.2	24.4	23.6	22.9	21.4	20.7	19.9	19.9	19.2	18.4
22.5°	39.8	32.5	25.1	22.9	20.7	18.4	16.2	16.2	17.0	17.0	17.0
25°	36.2	27.3	18.4	18.4	17.7	17.7	17.0	16.2	14.8	14.0	12.5
27.5°	33.2	26.6	19.9	18.4	17.0	15.5	14.0	14.0	13.3	13.3	12.5
30°	31.0	25.1	19.2	17.7	17.0	15.5	14.0	13.3	12.5	11.1	10.3
32.5°	27.3	23.6	19.9	18.4	16.2	14.8	12.5	11.8	11.1	9.6	8.9
35°	23.6	20.7	18.4	17.0	14.8	13.3	11.1	10.3	9.6	8.9	8.1
37.5°	20.7	18.4	16.2	14.8	13.3	11.1	9.6	8.9	8.1	7.4	6.6
40°	18.4	16.2	14.0	12.5	11.1	9.6	8.1	7.4	7.4	6.6	5.9
42.5°	17.0	14.8	12.5	11.1	10.3	8.9	7.4	6.6	5.9	5.2	4.4
45°	15.5	13.3	11.1	10.3	8.9	8.1	6.6	5.9	5.2	4.4	3.7
47.5°	14.0	11.8	9.6	8.9	8.1	6.6	5.9	5.2	4.4	3.7	3.0
50°	13.3	11.1	8.9	8.1	7.4	5.9	5.2	4.4	4.4	3.7	3.0
52.5°	11.8	9.6	7.4	6.6	5.9	5.2	4.4	3.7	3.7	3.0	2.2
55°	10.3	8.9	6.6	5.9	5.2	4.4	3.7	3.0	3.0	2.2	1.5
57.5°	9.6	7.4	5.9	5.2	4.4	3.7	3.0	3.0	2.2	2.2	1.5
60°	8.1	6.6	5.2	4.4	3.7	3.0	2.2	2.2	1.5	1.5	0.7
62.5°	7.4	6.6	5.2	4.4	3.7	3.0	2.2	2.2	1.5	1.5	0.7
65°	6.6	5.9	4.4	3.7	3.7	3.0	2.2	2.2	1.5	1.5	0.7
67.5°	6.6	5.2	4.4	3.7	3.0	2.2	1.5	1.5	1.5	0.7	0.7
70°	5.2	4.4	3.0	3.0	2.2	2.2	1.5	1.5	1.5	0.7	0.7
72.5°	4.4	3.7	3.0	3.0	2.2	2.2	1.5	1.5	1.5	0.7	0.7
75°	3.7	3.0	2.2	2.2	2.2	1.5	1.5	1.5	1.5	0.7	0.7
77.5°	3.0	3.0	2.2	2.2	2.2	1.5	1.5	1.5	1.5	0.7	0.7
80°	2.2	2.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	0.7	0.7
82.5°	2.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	0.7	0.7
85°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	0.7	0.7
87.5°	1.5	1.5	1.5	1.5	2.2	2.2	2.2	2.2	1.5	1.5	0.7
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: P559964

CATALOG NUMBER: SDL-PA1-20-722-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0
2.5°	172.7	169.0	166.0	162.3	157.2	151.3	146.1	140.2	139.5	138.7	137.3
5°	104.1	101.8	99.6	97.4	95.9	94.5	93.0	91.5	90.0	89.3	87.8
7.5°	76.7	73.8	70.8	67.9	65.7	64.2	62.0	59.8	58.3	56.1	54.6
10°	47.2	43.5	40.6	36.9	38.4	39.8	40.6	42.1	42.1	41.3	41.3
12.5°	33.9	33.9	33.9	33.9	33.9	33.9	33.2	33.2	33.2	32.5	32.5
15°	25.1	24.4	23.6	22.9	22.9	22.9	22.1	22.1	23.6	24.4	25.8
17.5°	19.2	19.9	19.9	20.7	21.4	22.1	22.1	22.9	22.9	23.6	23.6
20°	18.4	18.4	17.7	17.7	17.0	17.0	16.2	15.5	16.2	17.7	18.4
22.5°	16.2	14.8	14.0	12.5	13.3	14.8	15.5	16.2	16.2	16.2	16.2
25°	13.3	13.3	14.0	14.0	13.3	12.5	11.8	11.1	11.8	12.5	12.5
27.5°	11.8	11.1	10.3	9.6	10.3	10.3	11.1	11.1	11.1	11.1	10.3
30°	10.3	10.3	9.6	9.6	9.6	8.9	8.9	8.1	8.9	8.9	9.6
32.5°	8.9	8.1	8.1	7.4	7.4	8.1	8.1	8.1	8.1	8.1	8.1
35°	8.1	7.4	7.4	6.6	6.6	6.6	6.6	6.6	7.4	7.4	8.1
37.5°	6.6	5.9	5.9	5.2	5.2	5.9	5.9	5.9	5.9	6.6	6.6
40°	5.9	5.2	5.2	4.4	4.4	5.2	5.2	5.2	5.2	5.9	5.9
42.5°	4.4	4.4	3.7	3.7	3.7	4.4	4.4	4.4	4.4	5.2	5.2
45°	3.7	3.7	3.0	3.0	3.0	3.7	3.7	3.7	3.7	3.7	3.7
47.5°	3.0	3.0	2.2	2.2	2.2	3.0	3.0	3.0	3.0	3.0	3.0
50°	3.0	2.2	2.2	1.5	1.5	2.2	2.2	2.2	2.2	2.2	2.2
52.5°	2.2	2.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
55°	1.5	1.5	0.7	0.7	0.7	1.5	1.5	1.5	1.5	1.5	0.7
57.5°	1.5	1.5	0.7	0.7	0.7	1.5	1.5	1.5	1.5	1.5	0.7
60°	0.7	0.7	0.7	0.7	0.7	1.5	1.5	1.5	1.5	1.5	0.7
62.5°	0.7	0.7	0.7	0.7	0.7	1.5	1.5	1.5	1.5	1.5	1.5
65°	0.7	0.7	0.7	0.7	1.5	1.5	2.2	2.2	2.2	2.2	1.5
67.5°	0.7	0.7	0.7	0.7	1.5	1.5	2.2	2.2	2.2	1.5	1.5
70°	0.7	1.5	1.5	1.5	1.5	2.2	2.2	2.2	2.2	2.2	1.5
72.5°	0.7	1.5	1.5	1.5	1.5	2.2	2.2	2.2	2.2	2.2	1.5
75°	1.5	1.5	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.5
77.5°	1.5	1.5	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.5
80°	1.5	1.5	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.5
82.5°	1.5	1.5	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.5
85°	1.5	2.2	2.2	3.0	3.0	3.0	2.2	2.2	2.2	2.2	1.5
87.5°	1.5	2.2	2.2	3.0	3.0	3.0	2.2	2.2	2.2	2.2	1.5
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: P559964

CATALOG NUMBER: SDL-PA1-20-722-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0
2.5°	136.5	135.0	133.6	131.4	129.9	131.4	132.8	131.4	129.9	131.4	133.6
5°	86.3	85.6	85.6	84.9	84.1	84.1	83.4	84.1	84.1	84.9	85.6
7.5°	52.4	51.7	50.9	49.4	48.7	50.2	50.9	50.2	48.7	49.4	50.9
10°	40.6	40.6	39.8	39.8	39.1	39.1	39.1	39.1	39.1	39.8	39.8
12.5°	31.7	31.0	30.3	29.5	28.8	30.3	31.0	30.3	28.8	29.5	30.3
15°	26.6	26.6	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
17.5°	23.6	22.9	22.9	22.1	21.4	21.4	20.7	21.4	21.4	22.1	22.9
20°	19.2	19.2	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
22.5°	16.2	15.5	15.5	14.8	14.0	14.0	13.3	14.0	14.0	14.8	15.5
25°	13.3	13.3	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
27.5°	10.3	10.3	10.3	9.6	9.6	9.6	9.6	9.6	9.6	9.6	10.3
30°	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
32.5°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
35°	8.1	8.1	8.1	7.4	7.4	7.4	7.4	7.4	7.4	7.4	8.1
37.5°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
40°	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
42.5°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
45°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
47.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
50°	2.2	2.2	2.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.2
52.5°	1.5	1.5	1.5	0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.5
55°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
57.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
60°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
62.5°	1.5	1.5	1.5	0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.5
65°	1.5	1.5	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.7	0.7
67.5°	0.7	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
70°	1.5	1.5	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.7	0.7
72.5°	1.5	1.5	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.7	0.7
75°	1.5	1.5	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.7	0.7
77.5°	1.5	1.5	1.5	0.7	0.7	0.7	0.0	0.7	0.7	0.7	1.5
80°	1.5	1.5	1.5	0.7	0.7	0.7	0.0	0.7	0.7	0.7	1.5
82.5°	1.5	1.5	1.5	0.7	0.7	0.7	0.0	0.7	0.7	0.7	1.5
85°	1.5	1.5	1.5	0.7	0.7	0.7	0.0	0.7	0.7	0.7	1.5
87.5°	1.5	1.5	1.5	0.7	0.7	0.7	0.0	0.7	0.7	0.7	1.5
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: P559964

CATALOG NUMBER: SDL-PA1-20-722-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0
2.5°	135.0	136.5	137.3	138.7	139.5	140.2	146.1	151.3	157.2	162.3	166.0
5°	85.6	86.3	87.8	89.3	90.0	91.5	93.0	94.5	95.9	97.4	99.6
7.5°	51.7	52.4	54.6	56.1	58.3	59.8	62.0	64.2	65.7	67.9	70.8
10°	40.6	40.6	41.3	41.3	42.1	42.1	40.6	39.8	38.4	36.9	40.6
12.5°	31.0	31.7	32.5	32.5	33.2	33.2	33.2	33.9	33.9	33.9	33.9
15°	26.6	26.6	25.8	24.4	23.6	22.1	22.1	22.9	22.9	22.9	23.6
17.5°	22.9	23.6	23.6	23.6	22.9	22.9	22.1	22.1	21.4	20.7	19.9
20°	19.2	19.2	18.4	17.7	16.2	15.5	16.2	17.0	17.0	17.7	17.7
22.5°	15.5	16.2	16.2	16.2	16.2	16.2	15.5	14.8	13.3	12.5	14.0
25°	13.3	13.3	12.5	12.5	11.8	11.1	11.8	12.5	13.3	14.0	14.0
27.5°	10.3	10.3	10.3	11.1	11.1	11.1	11.1	10.3	10.3	9.6	10.3
30°	9.6	9.6	9.6	8.9	8.9	8.1	8.9	8.9	9.6	9.6	9.6
32.5°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	7.4	7.4	8.1
35°	8.1	8.1	8.1	7.4	7.4	6.6	6.6	6.6	6.6	6.6	7.4
37.5°	6.6	6.6	6.6	6.6	5.9	5.9	5.9	5.9	5.2	5.2	5.9
40°	5.9	5.9	5.9	5.9	5.2	5.2	5.2	5.2	4.4	4.4	5.2
42.5°	5.2	5.2	5.2	5.2	4.4	4.4	4.4	4.4	3.7	3.7	3.7
45°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.0	3.0	3.0
47.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.2	2.2	2.2
50°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.5	1.5	2.2
52.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
55°	0.7	0.7	0.7	1.5	1.5	1.5	1.5	1.5	0.7	0.7	0.7
57.5°	0.7	0.7	0.7	1.5	1.5	1.5	1.5	1.5	0.7	0.7	0.7
60°	0.7	0.7	0.7	1.5	1.5	1.5	1.5	1.5	0.7	0.7	0.7
62.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	0.7	0.7	0.7
65°	1.5	1.5	1.5	2.2	2.2	2.2	2.2	1.5	1.5	0.7	0.7
67.5°	0.7	0.7	1.5	1.5	2.2	2.2	2.2	1.5	1.5	0.7	0.7
70°	1.5	1.5	1.5	2.2	2.2	2.2	2.2	2.2	1.5	1.5	1.5
72.5°	1.5	1.5	1.5	2.2	2.2	2.2	2.2	2.2	1.5	1.5	1.5
75°	1.5	1.5	1.5	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
77.5°	1.5	1.5	1.5	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
80°	1.5	1.5	1.5	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
82.5°	1.5	1.5	1.5	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
85°	1.5	1.5	1.5	2.2	2.2	2.2	2.2	3.0	3.0	3.0	2.2
87.5°	1.5	1.5	1.5	2.2	2.2	2.2	2.2	3.0	3.0	3.0	2.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559964
 CATALOG NUMBER: SDL-PA1-20-722-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0
2.5°	169.0	172.7	175.6	178.6	181.5	184.5	187.4	190.4	194.1	197.0	200.0
5°	101.8	104.1	106.3	110.7	115.1	118.8	123.2	133.6	143.2	153.5	163.1
7.5°	73.8	76.7	79.7	83.4	87.1	90.8	94.5	98.1	102.6	106.3	110.0
10°	43.5	47.2	50.2	53.1	56.8	59.8	62.7	65.7	69.4	72.3	75.3
12.5°	33.9	33.9	33.9	35.4	37.6	39.1	40.6	45.8	50.9	56.1	61.2
15°	24.4	25.1	25.8	26.6	27.3	27.3	28.0	31.7	35.4	38.4	42.1
17.5°	19.9	19.2	18.4	19.9	21.4	22.9	24.4	26.6	28.0	30.3	31.7
20°	18.4	18.4	18.4	19.2	19.9	19.9	20.7	21.4	22.9	23.6	24.4
22.5°	14.8	16.2	17.0	17.0	17.0	16.2	16.2	18.4	20.7	22.9	25.1
25°	13.3	13.3	12.5	14.0	14.8	16.2	17.0	17.7	17.7	18.4	18.4
27.5°	11.1	11.8	12.5	13.3	13.3	14.0	14.0	15.5	17.0	18.4	19.9
30°	10.3	10.3	10.3	11.1	12.5	13.3	14.0	15.5	17.0	17.7	19.2
32.5°	8.1	8.9	8.9	9.6	11.1	11.8	12.5	14.8	16.2	18.4	19.9
35°	7.4	8.1	8.1	8.9	9.6	10.3	11.1	13.3	14.8	17.0	18.4
37.5°	5.9	6.6	6.6	7.4	8.1	8.9	9.6	11.1	13.3	14.8	16.2
40°	5.2	5.9	5.9	6.6	7.4	7.4	8.1	9.6	11.1	12.5	14.0
42.5°	4.4	4.4	4.4	5.2	5.9	6.6	7.4	8.9	10.3	11.1	12.5
45°	3.7	3.7	3.7	4.4	5.2	5.9	6.6	8.1	8.9	10.3	11.1
47.5°	3.0	3.0	3.0	3.7	4.4	5.2	5.9	6.6	8.1	8.9	9.6
50°	2.2	3.0	3.0	3.7	4.4	4.4	5.2	5.9	7.4	8.1	8.9
52.5°	2.2	2.2	2.2	3.0	3.7	3.7	4.4	5.2	5.9	6.6	7.4
55°	1.5	1.5	1.5	2.2	3.0	3.0	3.7	4.4	5.2	5.9	6.6
57.5°	1.5	1.5	1.5	2.2	2.2	3.0	3.0	3.7	4.4	5.2	5.9
60°	0.7	0.7	0.7	1.5	1.5	2.2	2.2	3.0	3.7	4.4	5.2
62.5°	0.7	0.7	0.7	1.5	1.5	2.2	2.2	3.0	3.7	4.4	5.2
65°	0.7	0.7	0.7	1.5	1.5	2.2	2.2	3.0	3.7	3.7	4.4
67.5°	0.7	0.7	0.7	0.7	1.5	1.5	1.5	2.2	3.0	3.7	4.4
70°	1.5	0.7	0.7	0.7	1.5	1.5	1.5	2.2	2.2	3.0	3.0
72.5°	1.5	0.7	0.7	0.7	1.5	1.5	1.5	2.2	2.2	3.0	3.0
75°	1.5	1.5	0.7	0.7	1.5	1.5	1.5	1.5	2.2	2.2	2.2
77.5°	1.5	1.5	0.7	0.7	1.5	1.5	1.5	1.5	2.2	2.2	2.2
80°	1.5	1.5	0.7	0.7	1.5	1.5	1.5	1.5	1.5	1.5	1.5
82.5°	1.5	1.5	0.7	0.7	1.5	1.5	1.5	1.5	1.5	1.5	1.5
85°	2.2	1.5	0.7	0.7	1.5	1.5	1.5	1.5	1.5	1.5	1.5
87.5°	2.2	1.5	0.7	1.5	1.5	2.2	2.2	2.2	2.2	1.5	1.5
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: P559964
 CATALOG NUMBER: SDL-PA1-20-722-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0
2.5°	204.4	208.1	212.5	216.2	220.6	225.1	229.5	233.9	238.4	242.8	247.2
5°	170.5	178.6	186.0	193.3	201.5	210.3	218.4	226.6	235.4	244.3	252.4
7.5°	119.5	129.1	138.7	148.3	160.1	171.9	183.0	194.8	205.9	217.0	228.0
10°	81.9	88.6	94.5	101.1	116.6	132.1	147.6	163.1	177.1	190.4	202.9
12.5°	65.7	70.8	75.3	79.7	94.5	110.0	124.7	139.5	153.5	167.5	180.1
15°	53.9	64.9	76.7	87.8	110.0	131.4	153.5	174.9	196.3	217.7	233.9
17.5°	42.1	52.4	62.7	73.1	93.7	113.6	134.3	154.2	173.4	192.6	210.3
20°	36.2	48.0	59.8	71.6	99.6	127.7	155.7	183.7	212.5	240.6	263.4
22.5°	32.5	39.8	46.5	53.9	73.1	91.5	110.7	129.1	152.0	174.2	191.9
25°	27.3	36.2	45.0	53.9	85.6	117.3	149.1	180.8	219.9	259.0	290.0
27.5°	26.6	33.2	39.8	46.5	87.8	129.1	170.5	211.8	261.2	310.7	352.0
30°	25.1	31.0	36.2	42.1	90.8	139.5	188.2	236.9	307.0	376.4	425.8
32.5°	23.6	27.3	30.3	33.9	82.7	132.1	180.8	229.5	311.4	392.6	448.7
35°	20.7	23.6	25.8	28.0	76.7	125.5	173.4	222.1	315.8	408.8	472.3
37.5°	18.4	20.7	22.9	25.1	72.3	118.8	166.0	212.5	320.3	428.0	499.6
40°	16.2	18.4	20.7	22.9	67.9	112.9	157.2	202.2	324.7	447.2	526.2
42.5°	14.8	17.0	19.2	21.4	64.2	107.0	149.1	191.9	329.9	467.9	555.7
45°	13.3	15.5	17.0	19.2	59.0	98.9	138.7	178.6	337.2	495.9	591.1
47.5°	11.8	14.0	16.2	18.4	55.3	92.2	128.4	165.3	344.6	523.9	629.5
50°	11.1	13.3	14.8	17.0	52.4	87.8	123.2	158.7	359.4	559.4	676.0
52.5°	9.6	11.8	13.3	15.5	50.2	84.1	118.8	152.8	377.1	600.7	731.3
55°	8.9	10.3	12.5	14.0	46.5	78.2	110.7	142.4	380.8	618.4	763.0
57.5°	7.4	9.6	11.1	12.5	42.8	73.1	102.6	132.8	387.4	641.3	793.3
60°	6.6	8.1	9.6	11.1	39.1	67.9	95.9	124.0	395.5	667.1	830.9
62.5°	6.6	7.4	8.9	9.6	35.4	62.0	87.8	113.6	408.8	703.3	884.8
65°	5.9	6.6	8.1	8.9	32.5	56.8	80.4	104.1	421.4	738.0	948.3
67.5°	5.2	6.6	7.4	8.1	29.5	50.2	71.6	92.2	421.4	750.5	998.4
70°	4.4	5.2	6.6	7.4	24.4	40.6	57.6	73.8	391.1	708.4	990.3
72.5°	3.7	4.4	5.2	5.9	16.2	26.6	36.2	46.5	318.8	591.1	880.4
75°	3.0	3.7	3.7	4.4	8.9	14.0	18.4	22.9	225.8	428.0	656.8
77.5°	3.0	3.0	3.7	3.7	5.9	8.9	11.1	13.3	112.2	210.3	337.2
80°	2.2	2.2	3.0	3.0	4.4	5.9	6.6	8.1	26.6	44.3	71.6
82.5°	1.5	2.2	2.2	2.2	3.0	3.7	3.7	4.4	5.9	7.4	11.8
85°	1.5	1.5	1.5	1.5	1.5	2.2	2.2	2.2	3.0	3.0	4.4
87.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559964

CATALOG NUMBER: SDL-PA1-20-722-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0
2.5°	250.9	254.6	257.5	261.2	265.7	268.6	271.6	274.5	277.5	280.4	283.4
5°	259.8	267.1	273.8	281.2	288.5	293.0	297.4	301.8	306.2	298.1	290.0
7.5°	239.1	248.0	256.8	265.7	272.3	270.1	267.9	265.7	263.4	273.0	281.9
10°	214.7	222.1	230.2	237.6	219.2	222.9	225.8	229.5	232.5	237.6	242.8
12.5°	192.6	190.4	188.9	186.7	192.6	207.4	222.1	236.1	250.9	253.1	256.1
15°	250.2	251.6	253.1	254.6	256.1	248.7	241.3	233.2	225.8	228.0	230.2
17.5°	228.0	230.2	233.2	235.4	243.5	248.7	253.1	258.3	262.7	272.3	281.9
20°	285.6	290.8	295.2	300.3	283.4	273.8	263.4	253.9	243.5	253.9	264.2
22.5°	209.6	234.7	259.8	284.8	279.7	295.9	312.2	327.6	343.9	326.9	309.9
25°	320.3	332.1	344.6	356.4	363.8	347.6	331.3	315.1	298.9	311.4	324.0
27.5°	393.3	390.4	387.4	384.5	399.2	393.3	387.4	380.8	374.9	363.1	350.5
30°	474.5	498.1	521.7	545.3	551.2	524.7	497.4	470.8	443.5	428.7	413.3
32.5°	504.0	533.5	562.3	591.8	590.4	574.9	559.4	543.1	527.6	501.8	476.7
35°	535.8	569.0	601.4	634.6	647.9	625.0	601.4	578.6	554.9	537.2	519.5
37.5°	570.4	606.6	642.8	678.9	707.7	678.9	650.9	622.1	593.3	574.9	556.4
40°	604.4	653.8	702.5	752.0	753.4	724.7	695.1	666.4	636.9	616.9	597.0
42.5°	642.8	698.8	754.2	810.3	811.0	780.0	749.8	718.8	687.8	667.8	647.9
45°	685.6	749.0	811.7	875.2	871.5	836.1	800.7	765.3	729.8	712.1	693.7
47.5°	735.0	803.6	872.3	940.9	963.8	915.8	867.1	819.1	770.4	754.2	738.0
50°	791.8	865.6	939.4	1013.2	1043.5	986.6	929.8	872.3	815.4	799.2	783.0
52.5°	861.2	937.2	1012.5	1088.5	1119.5	1057.5	995.5	933.5	871.5	851.6	831.7
55°	906.9	994.8	1081.8	1169.7	1205.1	1136.4	1067.8	998.4	929.8	902.5	874.5
57.5°	945.3	1035.3	1124.6	1214.7	1250.1	1179.2	1108.4	1036.8	966.0	932.8	899.6
60°	994.0	1085.5	1177.8	1269.3	1299.5	1222.8	1146.0	1068.6	991.8	953.4	915.8
62.5°	1065.6	1152.7	1239.8	1326.8	1346.8	1264.8	1183.7	1101.8	1019.8	971.1	922.4
65°	1158.6	1245.7	1333.5	1420.6	1442.0	1344.5	1247.9	1150.5	1053.1	988.9	924.7
67.5°	1245.7	1345.3	1445.6	1545.3	1566.7	1446.4	1325.4	1205.1	1084.0	999.9	915.8
70°	1271.5	1389.6	1507.6	1625.7	1653.7	1512.1	1370.4	1227.9	1086.3	980.7	875.9
72.5°	1169.7	1304.0	1437.5	1571.8	1625.0	1473.7	1322.4	1170.4	1019.1	900.3	782.2
75°	884.8	1016.2	1148.3	1279.6	1347.5	1214.7	1082.6	949.7	816.9	708.4	600.7
77.5°	464.2	563.1	661.2	760.1	881.9	778.5	674.5	571.2	467.1	400.7	333.6
80°	98.1	132.1	165.3	199.2	267.9	243.5	219.9	195.6	171.2	143.9	115.9
82.5°	16.2	21.4	26.6	31.7	39.8	39.8	40.6	40.6	40.6	35.4	29.5
85°	5.2	6.6	8.1	9.6	9.6	10.3	10.3	11.1	11.1	11.1	10.3
87.5°	2.2	2.2	3.0	3.0	3.0	3.0	3.7	3.7	3.7	3.7	3.7
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: P559964

CATALOG NUMBER: SDL-PA1-20-722-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0
2.5°	286.3	289.3	291.5	294.4	296.7	298.9	300.3	301.1	302.6	303.3	301.8
5°	281.2	273.0	276.0	278.9	281.2	284.1	286.3	288.5	290.0	292.2	293.7
7.5°	291.5	300.3	304.0	307.7	311.4	315.1	317.3	319.5	321.0	323.2	324.0
10°	248.0	253.1	264.2	276.0	287.1	298.1	294.4	290.8	287.1	283.4	299.6
12.5°	258.3	260.5	267.1	273.0	279.7	285.6	298.1	309.9	322.5	334.3	341.7
15°	232.5	234.7	252.4	269.4	287.1	304.0	298.9	293.7	288.5	283.4	291.5
17.5°	290.8	300.3	283.4	265.7	248.7	231.0	251.6	273.0	293.7	314.4	321.7
20°	274.5	284.8	293.7	302.6	311.4	320.3	312.9	306.2	298.9	291.5	285.6
22.5°	292.2	275.3	285.6	296.7	307.0	317.3	312.2	307.7	302.6	297.4	309.2
25°	335.8	348.3	332.1	315.8	299.6	283.4	301.8	320.3	338.0	356.4	344.6
27.5°	338.7	326.2	340.9	355.0	369.7	383.7	368.2	353.5	338.0	322.5	339.5
30°	398.5	383.0	378.6	374.1	369.7	365.3	373.4	381.5	388.9	397.0	399.2
32.5°	450.9	425.1	431.7	439.1	445.7	452.4	446.5	441.3	435.4	429.5	454.6
35°	501.8	484.1	487.0	490.0	493.0	495.9	497.4	498.1	499.6	500.3	532.8
37.5°	537.2	518.8	529.1	539.4	549.8	560.1	560.1	559.4	559.4	558.6	595.5
40°	576.3	556.4	571.2	585.2	600.0	614.0	616.9	619.9	622.8	625.8	659.7
42.5°	627.3	607.3	619.9	631.7	644.2	656.0	661.2	666.4	670.8	676.0	709.9
45°	676.0	657.5	667.1	676.7	686.3	695.9	700.3	704.7	709.2	713.6	752.7
47.5°	721.7	705.5	711.4	716.5	722.5	727.6	731.3	734.3	738.0	740.9	780.0
50°	766.7	750.5	752.0	753.4	754.2	755.7	757.1	759.4	760.8	762.3	808.1
52.5°	811.0	791.1	787.4	783.7	780.0	776.3	776.3	775.6	775.6	774.8	810.3
55°	847.2	819.1	810.3	800.7	791.8	782.2	778.5	774.8	770.4	766.7	785.2
57.5°	865.6	832.4	819.1	805.1	791.8	777.8	765.3	752.0	739.4	726.1	723.2
60°	877.4	839.0	818.4	797.0	776.3	754.9	723.9	692.9	661.9	630.9	614.7
62.5°	873.0	824.3	792.6	760.1	728.4	695.9	647.9	600.0	551.2	503.3	480.4
65°	859.7	795.5	749.8	703.3	657.5	611.0	553.5	495.9	438.3	380.8	359.4
67.5°	831.7	747.5	683.3	619.9	555.7	491.5	433.2	374.9	316.6	258.3	242.8
70°	770.4	664.9	589.6	513.6	438.3	362.3	312.9	262.7	213.3	163.1	155.7
72.5°	663.4	544.6	467.9	391.9	315.1	238.4	204.4	170.5	136.5	102.6	100.4
75°	492.2	383.7	324.7	264.9	205.9	146.1	126.2	107.0	87.1	67.2	67.9
77.5°	267.1	200.0	171.9	143.9	115.1	87.1	77.5	67.9	58.3	48.7	50.2
80°	88.6	60.5	56.1	51.7	47.2	42.8	39.1	35.4	31.7	28.0	29.5
82.5°	24.4	18.4	19.9	22.1	23.6	25.1	25.1	25.1	24.4	24.4	24.4
85°	10.3	9.6	8.9	8.9	8.1	7.4	8.9	10.3	11.8	13.3	14.0
87.5°	3.0	3.0	3.0	2.2	2.2	1.5	1.5	1.5	1.5	1.5	2.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559964
 CATALOG NUMBER: SDL-PA1-20-722-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0	242.0
2.5°	301.1	299.6	298.1	295.9	294.4	292.2	290.0	287.8	285.6	282.6	280.4
5°	295.2	296.7	298.1	298.9	300.3	301.1	301.8	302.6	303.3	303.3	304.0
7.5°	324.0	324.7	324.7	320.3	316.6	312.2	307.7	307.0	307.0	306.2	305.5
10°	316.6	332.8	349.1	349.1	348.3	348.3	347.6	347.6	348.3	348.3	348.3
12.5°	349.1	356.4	363.8	360.9	358.6	355.7	352.7	340.2	326.9	314.4	301.1
15°	299.6	307.0	315.1	326.2	337.2	348.3	359.4	358.6	358.6	357.9	357.2
17.5°	328.4	335.8	342.4	337.2	332.1	326.2	321.0	311.4	301.8	292.2	282.6
20°	280.4	274.5	268.6	292.2	315.8	339.5	363.1	362.3	362.3	361.6	360.9
22.5°	321.0	332.1	343.9	335.0	326.2	317.3	308.5	307.0	304.8	303.3	301.1
25°	332.8	320.3	308.5	330.6	353.5	375.6	397.8	401.4	405.1	408.1	411.8
27.5°	357.2	374.1	391.1	386.7	382.3	377.1	372.7	375.6	378.6	381.5	384.5
30°	402.2	404.4	406.6	439.1	472.3	504.8	537.2	541.7	545.3	549.8	553.5
32.5°	479.7	504.0	529.1	549.0	569.7	589.6	609.5	636.1	663.4	690.0	716.5
35°	566.0	598.5	630.9	669.3	708.4	746.8	785.2	794.8	805.1	814.7	824.3
37.5°	632.4	669.3	706.2	746.1	785.2	825.0	864.1	871.5	878.9	886.3	893.7
40°	693.7	727.6	761.6	803.6	845.7	887.8	929.8	935.7	941.6	947.5	953.4
42.5°	743.9	777.1	811.0	853.1	895.1	937.2	979.3	984.4	988.9	994.0	998.4
45°	791.8	830.9	870.0	906.9	943.8	980.0	1016.9	1020.6	1023.5	1027.2	1030.2
47.5°	819.9	859.0	898.1	932.8	967.5	1001.4	1036.1	1036.1	1036.1	1036.1	1036.1
50°	853.8	898.8	944.6	962.3	979.3	997.0	1013.9	1010.3	1006.6	1002.1	998.4
52.5°	845.0	880.4	915.1	921.7	928.3	935.0	941.6	932.0	923.2	913.6	904.0
55°	803.6	821.3	839.8	828.7	816.9	805.8	794.0	766.7	739.4	712.1	684.8
57.5°	720.2	717.3	714.3	684.8	656.0	626.5	597.0	579.3	562.3	544.6	526.9
60°	599.2	583.0	566.7	540.2	513.6	487.0	460.5	450.9	440.6	431.0	420.6
62.5°	457.5	434.7	411.8	398.5	385.2	371.9	358.6	349.1	338.7	329.1	318.8
65°	338.7	317.3	295.9	284.8	273.8	262.0	250.9	244.3	237.6	230.2	223.6
67.5°	228.0	212.5	197.0	190.4	183.0	176.4	169.0	166.0	162.3	159.4	155.7
70°	147.6	140.2	132.1	129.1	126.9	124.0	121.0	118.1	115.1	112.2	109.2
72.5°	98.1	95.9	93.7	92.2	90.8	89.3	87.8	86.3	84.1	82.7	80.4
75°	67.9	68.6	68.6	67.9	67.9	67.2	66.4	60.5	54.6	48.7	42.8
77.5°	50.9	52.4	53.1	49.4	45.8	41.3	37.6	36.9	36.2	35.4	34.7
80°	31.7	33.2	34.7	33.2	32.5	31.0	29.5	28.0	26.6	25.1	23.6
82.5°	24.4	24.4	24.4	22.9	21.4	19.2	17.7	17.0	16.2	15.5	14.8
85°	14.8	15.5	16.2	14.8	12.5	11.1	8.9	7.4	5.9	4.4	3.0
87.5°	2.2	3.0	3.0	3.0	2.2	2.2	1.5	1.5	1.5	0.7	0.7
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: P559964

CATALOG NUMBER: SDL-PA1-20-722-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	242.0	242.0
2.5°	274.5	268.6
5°	304.8	305.5
7.5°	287.1	267.9
10°	348.3	348.3
12.5°	297.4	293.0
15°	355.7	354.2
17.5°	281.9	280.4
20°	360.1	359.4
22.5°	301.1	300.3
25°	412.5	412.5
27.5°	384.5	383.7
30°	553.5	553.5
32.5°	730.6	743.9
35°	826.5	828.7
37.5°	897.3	900.3
40°	955.6	957.9
42.5°	999.2	999.2
45°	1030.2	1030.2
47.5°	1035.3	1034.6
50°	996.2	994.0
52.5°	895.1	885.5
55°	679.7	673.7
57.5°	525.4	523.2
60°	420.6	420.6
62.5°	315.8	312.9
65°	220.6	217.0
67.5°	154.2	152.8
70°	109.2	108.5
72.5°	79.7	79.0
75°	42.1	40.6
77.5°	34.7	33.9
80°	24.4	24.4
82.5°	14.8	14.0
85°	2.2	1.5
87.5°	0.7	0.7
90°	0.0	0.0

(END OF REPORT)