

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: P560155

Luminaire Tested: **SDL-PA1-30-727-U-5WQ**

Issue Date: 7/26/2021

Test Information

Test Method: LM-79-08
Report Number: P560155
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-PA1-30-727-U-5WQ
Description: Springdale
(1) 70 CRI, 2700K, 375mA LIGHT ENGINE WITH 24 LEDS AND TYPE V WIDE OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3285 lumens
Efficiency: N/A
Efficacy: 109.1 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: B2 - U0 - G1

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

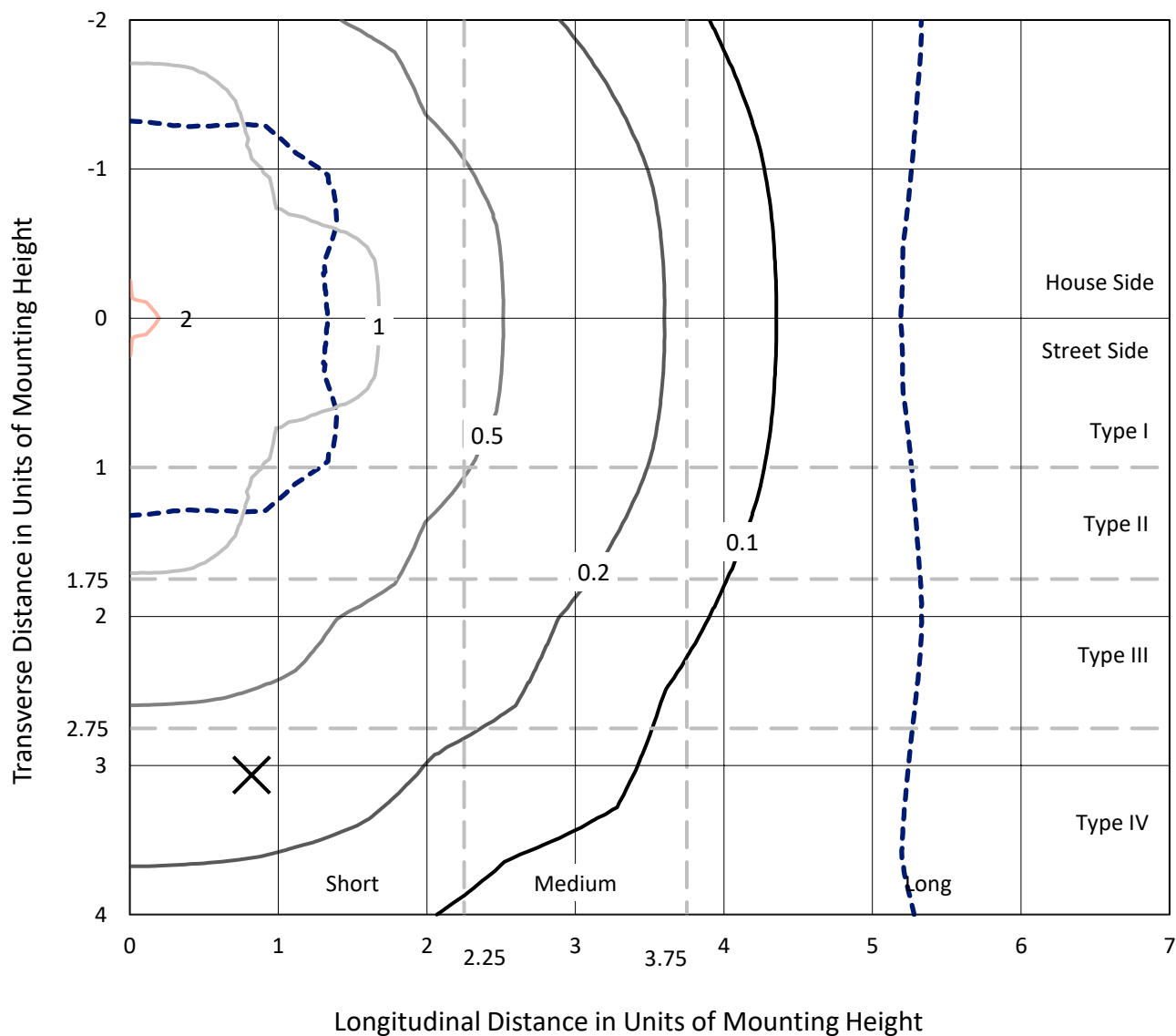


REPORT NUMBER: P560155

CATALOG NUMBER: SDL-PA1-30-727-U-5WQ

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

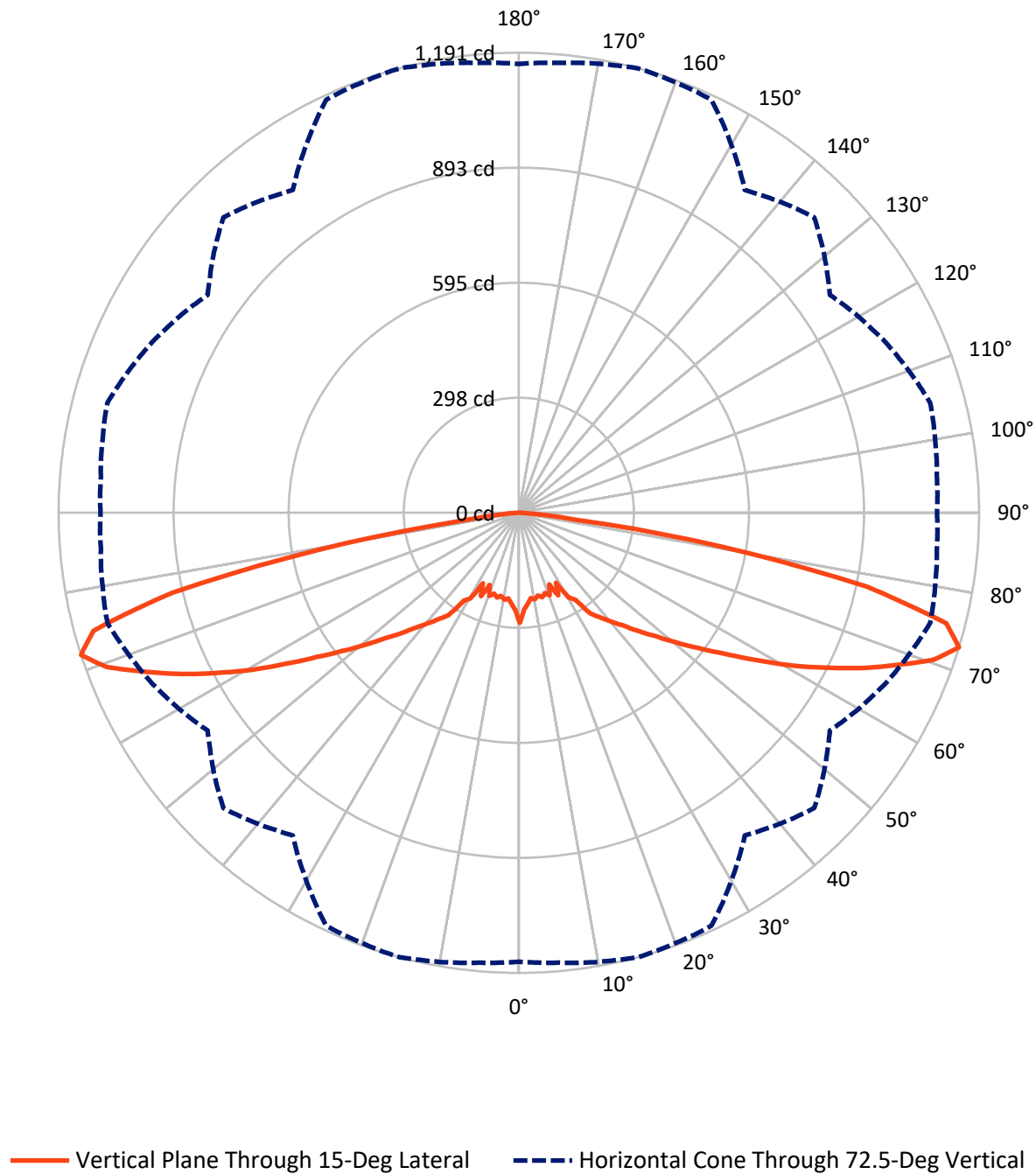


Based on 10 foot mounting height. Maximum calculated value = 2.8 fc
 Type V - Short - N/A

REPORT NUMBER: P560155

CATALOG NUMBER: SDL-PA1-30-727-U-5WQ

Luminous Intensity Polar Plot



REPORT NUMBER: P560155

CATALOG NUMBER: SDL-PA1-30-727-U-5WQ

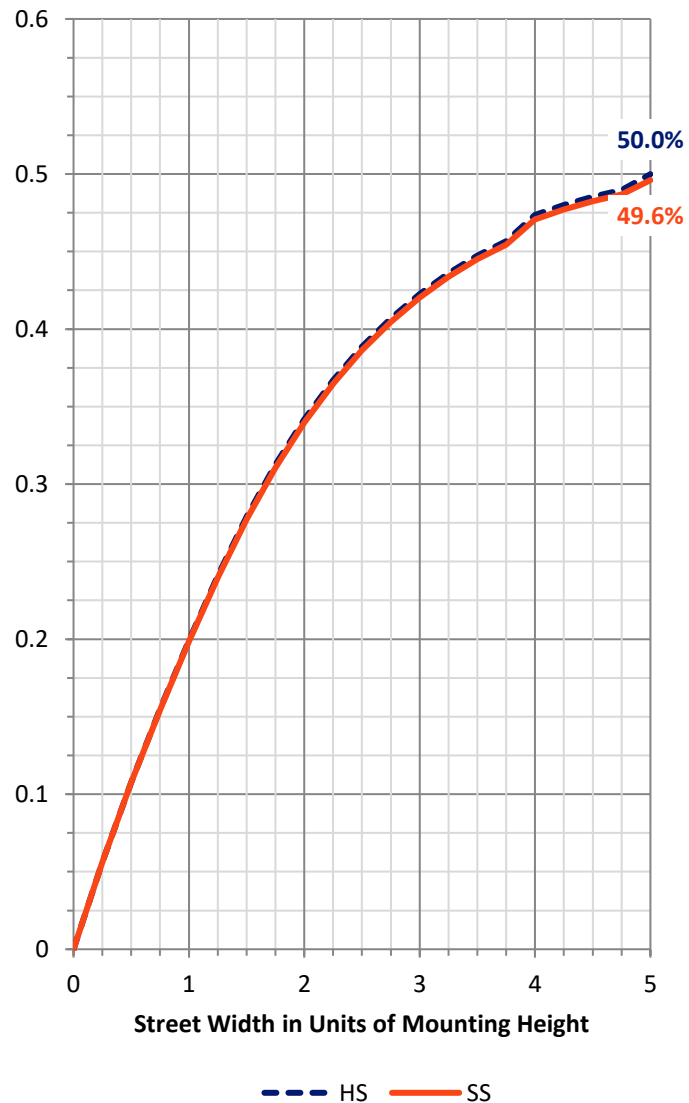
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1642.5	0.0	1642.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1642.5	0.0	1642.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	3285.0	0.0	3285.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.3	0.7
10°-20°	51.9	1.6
20°-30°	92.5	2.8
30°-40°	177.0	5.4
40°-50°	301.4	9.2
50°-60°	527.7	16.1
60°-70°	890.4	27.1
70°-80°	1038.6	31.6
80°-90°	183.2	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°	3285.0	100.0
0°-180°	3285.0	100.0

Coefficient of Utilization



REPORT NUMBER: P560155

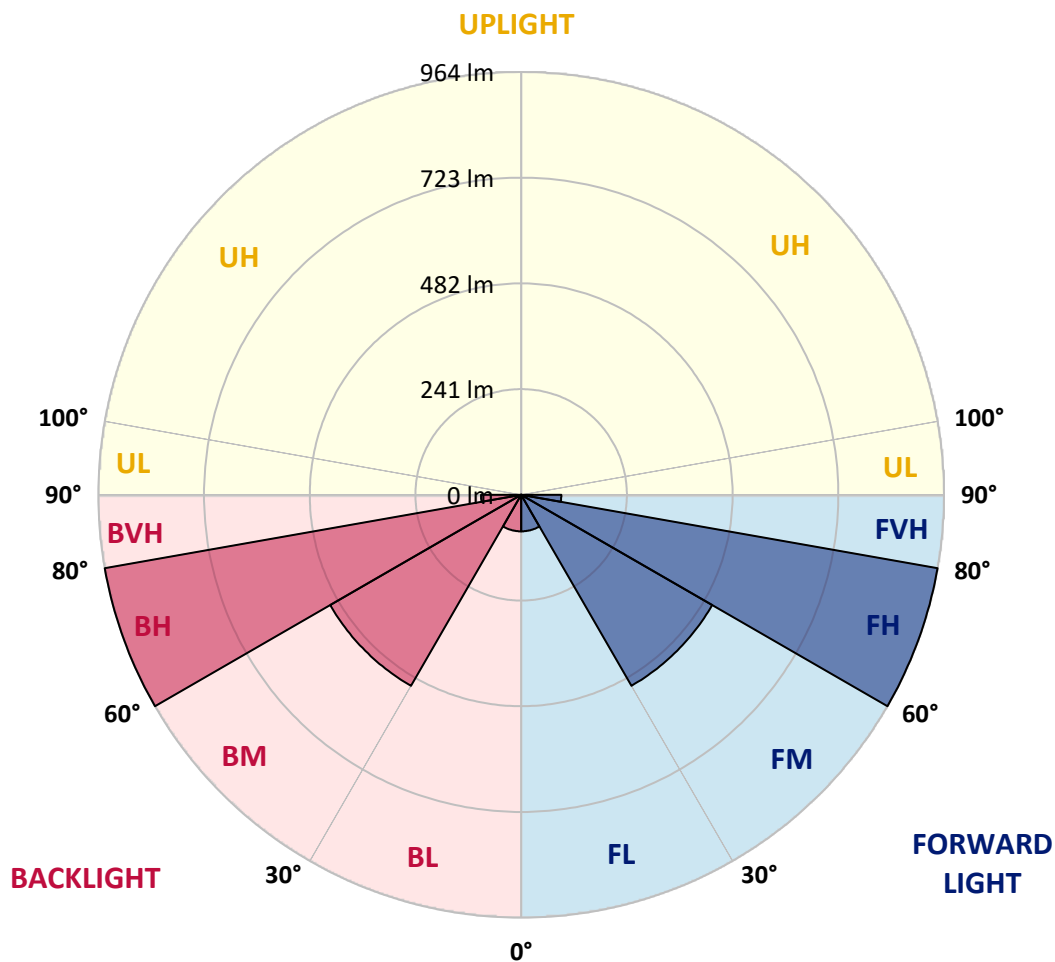
CATALOG NUMBER: SDL-PA1-30-727-U-5WQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	83.4	2.5			
FM	(30°-60°)	503.1	15.3			
FH	(60°-80°)	964.5	29.4			G1/1800
FVH	(80°-90°)	91.6	2.8			G1/100
BL	(0°-30°)	83.4	2.5	B0/110		
BM	(30°-60°)	503.1	15.3	B1/1000		
BH	(60°-80°)	964.5	29.4	B2/1000		G1/1800
BVH	(80°-90°)	91.6	2.8			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G1

Type V Short



REPORT NUMBER: P560155

CATALOG NUMBER: SDL-PA1-30-727-U-5WQ

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4
2.5°	252.0	253.2	253.2	253.2	253.2	252.0	252.0	255.5	259.0	262.5	265.9
5°	238.2	238.2	238.2	238.2	238.2	237.0	237.0	237.0	237.0	237.0	237.0
7.5°	203.5	205.8	207.0	211.6	215.0	219.7	223.1	224.3	225.5	225.5	226.6
10°	228.9	228.9	228.9	228.9	228.9	227.8	227.8	225.5	224.3	222.0	219.7
12.5°	201.2	200.0	198.9	204.6	209.3	215.0	219.7	220.8	222.0	223.1	224.3
15°	231.2	231.2	231.2	230.1	228.9	227.8	226.6	218.5	210.4	201.2	193.1
17.5°	196.5	197.7	197.7	203.5	208.1	213.9	218.5	216.2	213.9	210.4	208.1
20°	235.9	235.9	235.9	233.5	232.4	230.1	227.8	213.9	200.0	185.0	171.1
22.5°	200.0	200.0	200.0	200.0	201.2	201.2	201.2	202.3	203.5	204.6	205.8
25°	244.0	245.1	245.1	242.8	241.6	239.3	237.0	225.5	212.7	201.2	188.5
27.5°	210.4	210.4	210.4	209.3	208.1	205.8	204.6	207.0	210.4	212.7	215.0
30°	257.8	257.8	257.8	256.7	256.7	255.5	254.4	242.8	230.1	218.5	205.8
32.5°	313.3	312.2	311.0	300.6	290.2	278.6	268.2	262.5	256.7	249.7	244.0
35°	333.0	333.0	331.8	329.5	327.2	323.7	321.4	309.9	298.3	286.7	275.2
37.5°	352.6	352.6	351.5	350.3	348.0	346.9	344.5	331.8	320.3	307.5	294.8
40°	376.9	378.1	378.1	376.9	374.6	373.4	371.1	357.3	344.5	330.7	316.8
42.5°	407.0	407.0	405.8	404.7	403.5	401.2	400.0	387.3	373.4	360.7	346.9
45°	442.8	442.8	441.7	440.5	440.5	439.3	438.2	426.6	413.9	402.3	389.6
47.5°	486.7	485.6	484.4	483.3	481.0	479.8	477.5	464.8	453.2	440.5	427.8
50°	533.0	533.0	533.0	531.8	530.7	528.4	527.2	515.7	504.1	491.4	479.8
52.5°	582.7	583.9	583.9	583.9	582.7	582.7	581.6	570.0	558.4	545.7	534.1
55°	641.7	641.7	641.7	641.7	642.8	642.8	642.8	631.3	619.7	608.1	596.6
57.5°	708.7	713.4	716.8	716.8	716.8	716.8	716.8	705.3	693.7	682.1	670.6
60°	786.2	787.4	788.5	792.0	794.3	797.8	800.1	789.7	779.3	768.9	758.4
62.5°	862.5	864.8	866.0	870.6	874.1	878.7	882.2	875.2	867.1	860.2	852.1
65°	941.1	943.4	944.6	950.4	957.3	963.1	968.9	963.1	958.5	952.7	946.9
67.5°	1024.4	1026.7	1027.8	1033.6	1040.6	1046.3	1052.1	1049.8	1047.5	1045.2	1042.9
70°	1113.4	1114.5	1114.5	1120.3	1127.3	1133.0	1138.8	1137.7	1136.5	1135.4	1134.2
72.5°	1161.9	1165.4	1168.9	1174.7	1180.4	1185.1	1190.9	1188.5	1185.1	1182.8	1179.3
75°	1099.5	1101.8	1104.1	1113.4	1123.8	1133.0	1142.3	1145.8	1150.4	1153.9	1157.3
77.5°	861.3	871.8	881.0	891.4	900.7	911.1	920.3	940.0	958.5	978.1	996.6
80°	426.6	432.4	438.2	461.3	484.4	507.6	530.7	565.4	601.2	635.9	670.6
82.5°	102.9	102.9	102.9	115.6	127.2	139.9	151.5	182.7	215.0	246.3	277.5
85°	20.8	22.0	23.1	28.9	34.7	39.3	45.1	49.7	54.3	59.0	63.6
87.5°	3.5	3.5	3.5	3.5	4.6	4.6	4.6	5.8	6.9	6.9	8.1
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: P560155

CATALOG NUMBER: SDL-PA1-30-727-U-5WQ

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4
2.5°	267.1	269.4	270.5	271.7	272.9	274.0	275.2	276.3	277.5	277.5	278.6
5°	237.0	237.0	237.0	237.0	237.0	237.0	237.0	237.0	238.2	239.3	240.5
7.5°	227.8	228.9	230.1	231.2	231.2	231.2	230.1	230.1	228.9	228.9	227.8
10°	213.9	208.1	201.2	195.4	195.4	196.5	196.5	196.5	193.1	190.8	187.3
12.5°	219.7	215.0	209.3	204.6	196.5	189.6	181.5	173.4	171.1	168.8	166.5
15°	186.1	180.4	173.4	166.5	163.0	158.4	154.9	150.3	149.1	148.0	145.7
17.5°	202.3	196.5	189.6	183.8	172.3	160.7	149.1	137.6	143.4	150.3	156.1
20°	172.3	172.3	173.4	173.4	173.4	172.3	172.3	171.1	167.6	163.0	159.6
22.5°	196.5	186.1	176.9	166.5	168.8	171.1	173.4	175.7	170.0	164.2	157.2
25°	191.9	195.4	197.7	201.2	191.9	182.7	172.3	163.0	167.6	172.3	176.9
27.5°	208.1	201.2	193.1	186.1	189.6	193.1	195.4	198.9	193.1	187.3	181.5
30°	207.0	208.1	208.1	209.3	204.6	198.9	194.2	188.5	190.8	194.2	196.5
32.5°	237.0	228.9	222.0	213.9	213.9	213.9	212.7	212.7	212.7	213.9	213.9
35°	264.8	255.5	245.1	234.7	232.4	231.2	228.9	226.6	228.9	231.2	233.5
37.5°	284.4	272.9	262.5	250.9	249.7	248.6	246.3	245.1	245.1	245.1	245.1
40°	306.4	296.0	285.6	275.2	272.9	270.5	267.1	264.8	263.6	262.5	260.1
42.5°	336.4	324.9	314.5	302.9	299.4	294.8	291.4	286.7	285.6	284.4	282.1
45°	375.8	360.7	346.9	331.8	327.2	323.7	319.1	314.5	313.3	311.0	309.9
47.5°	411.6	396.6	380.4	364.2	361.9	358.4	356.1	352.6	350.3	346.9	344.5
50°	460.2	439.3	419.7	398.9	398.9	397.7	397.7	396.6	391.9	387.3	382.7
52.5°	514.5	493.7	474.0	453.2	450.9	449.7	447.4	445.1	440.5	435.9	430.1
55°	575.8	555.0	534.1	513.3	512.2	512.2	511.0	509.9	502.9	496.0	489.1
57.5°	649.8	630.1	609.3	588.5	589.6	589.6	590.8	590.8	581.6	572.3	561.9
60°	735.3	712.2	687.9	664.8	668.3	672.9	676.4	679.8	668.3	656.7	644.0
62.5°	829.0	804.7	781.6	757.3	764.2	771.2	776.9	783.9	766.5	749.2	731.9
65°	919.2	891.4	863.7	835.9	848.6	862.5	875.2	887.9	867.1	846.3	825.5
67.5°	1010.5	979.3	946.9	914.5	929.6	944.6	959.6	974.7	953.8	931.9	911.1
70°	1094.9	1055.6	1016.3	977.0	992.0	1007.0	1022.1	1037.1	1017.4	997.8	978.1
72.5°	1140.0	1099.5	1060.2	1019.7	1034.8	1051.0	1066.0	1081.0	1056.7	1032.5	1007.0
75°	1122.6	1086.8	1052.1	1016.3	1038.2	1060.2	1082.2	1104.1	1071.8	1038.2	1005.9
77.5°	979.3	963.1	945.7	928.4	967.7	1007.0	1046.3	1085.6	1039.4	992.0	945.7
80°	682.1	694.9	706.4	718.0	774.6	831.3	886.8	943.4	889.1	835.9	781.6
82.5°	313.3	349.2	383.8	419.7	476.3	533.0	588.5	645.1	585.0	524.9	463.6
85°	75.2	86.7	97.1	108.7	137.6	166.5	195.4	224.3	200.0	175.7	151.5
87.5°	9.2	10.4	10.4	11.6	10.4	10.4	9.2	8.1	9.2	9.2	10.4
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: P560155

CATALOG NUMBER: SDL-PA1-30-727-U-5WQ

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4
2.5°	278.6	279.8	279.8	280.9	280.9	280.9	280.9	279.8	279.8	279.8	280.9
5°	241.6	247.4	252.0	257.8	262.5	264.8	268.2	270.5	272.9	274.0	274.0
7.5°	226.6	224.3	220.8	218.5	215.0	219.7	225.5	230.1	234.7	235.9	237.0
10°	183.8	182.7	180.4	179.2	176.9	178.0	180.4	181.5	182.7	188.5	195.4
12.5°	164.2	165.3	166.5	167.6	168.8	165.3	161.9	157.2	153.8	159.6	165.3
15°	144.5	144.5	145.7	145.7	145.7	150.3	154.9	159.6	164.2	172.3	181.5
17.5°	161.9	159.6	157.2	153.8	151.5	152.6	152.6	153.8	153.8	158.4	161.9
20°	154.9	151.5	149.1	145.7	142.2	148.0	153.8	159.6	165.3	174.6	183.8
22.5°	151.5	158.4	164.2	171.1	176.9	173.4	170.0	165.3	161.9	161.9	161.9
25°	181.5	175.7	170.0	164.2	158.4	168.8	178.0	188.5	197.7	204.6	210.4
27.5°	175.7	180.4	185.0	188.5	193.1	198.9	204.6	210.4	216.2	226.6	235.9
30°	198.9	204.6	210.4	215.0	220.8	235.9	249.7	264.8	278.6	285.6	292.5
32.5°	213.9	225.5	235.9	247.4	257.8	265.9	274.0	282.1	290.2	297.1	305.2
35°	235.9	245.1	253.2	262.5	270.5	279.8	289.0	297.1	306.4	313.3	320.3
37.5°	245.1	255.5	265.9	275.2	285.6	297.1	307.5	319.1	329.5	335.3	339.9
40°	259.0	271.7	284.4	297.1	309.9	321.4	333.0	344.5	356.1	360.7	365.3
42.5°	280.9	294.8	308.7	321.4	335.3	348.0	359.6	372.3	383.8	388.5	393.1
45°	307.5	321.4	335.3	349.2	363.0	376.9	390.8	404.7	418.5	424.3	430.1
47.5°	341.1	354.9	370.0	383.8	397.7	415.1	431.3	448.6	464.8	469.4	474.0
50°	378.1	391.9	405.8	419.7	433.6	455.5	476.3	498.3	519.1	521.4	524.9
52.5°	425.5	439.3	452.1	465.9	478.7	502.9	527.2	550.3	574.6	575.8	578.1
55°	482.1	494.8	508.7	521.4	534.1	560.7	586.2	612.8	638.2	638.2	639.4
57.5°	552.6	566.5	580.4	593.1	607.0	632.4	657.9	682.1	707.6	706.4	705.3
60°	632.4	645.1	656.7	669.4	681.0	705.3	730.7	755.0	779.3	776.9	773.5
62.5°	714.5	728.4	742.3	755.0	768.9	788.5	809.3	829.0	848.6	844.0	839.4
65°	804.7	818.6	833.6	847.5	861.3	876.4	892.6	907.6	922.6	918.0	914.5
67.5°	889.1	905.3	921.5	936.5	952.7	964.2	975.8	986.2	997.8	992.0	986.2
70°	958.5	972.3	986.2	1000.1	1014.0	1025.5	1037.1	1048.6	1060.2	1054.4	1048.6
72.5°	982.7	998.9	1015.1	1030.1	1046.3	1060.2	1074.1	1088.0	1101.8	1098.4	1093.7
75°	972.3	983.9	995.5	1007.0	1018.6	1029.0	1040.6	1051.0	1061.4	1055.6	1049.8
77.5°	898.3	897.2	894.9	893.7	891.4	891.4	892.6	892.6	892.6	885.6	878.7
80°	727.2	706.4	685.6	664.8	644.0	619.7	595.4	571.1	546.9	523.7	500.6
82.5°	403.5	356.1	309.9	262.5	215.0	195.4	174.6	154.9	134.1	124.9	114.5
85°	127.2	111.0	94.8	78.6	62.4	59.0	55.5	50.9	47.4	43.9	40.5
87.5°	10.4	9.2	9.2	8.1	6.9	5.8	5.8	4.6	3.5	3.5	3.5
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: P560155

CATALOG NUMBER: SDL-PA1-30-727-U-5WQ

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4
2.5°	280.9	280.9	280.9	280.9	280.9	280.9	280.9	280.9	279.8	279.8	279.8
5°	275.2	275.2	275.2	275.2	275.2	275.2	275.2	274.0	274.0	272.9	270.5
7.5°	237.0	238.2	238.2	237.0	238.2	238.2	237.0	237.0	235.9	234.7	230.1
10°	201.2	207.0	207.0	207.0	207.0	207.0	201.2	195.4	188.5	182.7	181.5
12.5°	171.1	176.9	176.9	176.9	176.9	176.9	171.1	165.3	159.6	153.8	157.2
15°	189.6	197.7	197.7	197.7	197.7	197.7	189.6	181.5	172.3	164.2	159.6
17.5°	166.5	170.0	171.1	171.1	171.1	170.0	166.5	161.9	158.4	153.8	153.8
20°	191.9	201.2	202.3	203.5	202.3	201.2	191.9	183.8	174.6	165.3	159.6
22.5°	160.7	160.7	161.9	161.9	161.9	160.7	160.7	161.9	161.9	161.9	165.3
25°	217.4	223.1	223.1	222.0	223.1	223.1	217.4	210.4	204.6	197.7	188.5
27.5°	246.3	255.5	257.8	259.0	257.8	255.5	246.3	235.9	226.6	216.2	210.4
30°	299.4	306.4	306.4	306.4	306.4	306.4	299.4	292.5	285.6	278.6	264.8
32.5°	312.2	319.1	319.1	319.1	319.1	319.1	312.2	305.2	297.1	290.2	282.1
35°	326.0	333.0	334.1	334.1	334.1	333.0	326.0	320.3	313.3	306.4	297.1
37.5°	345.7	350.3	351.5	352.6	351.5	350.3	345.7	339.9	335.3	329.5	319.1
40°	368.8	373.4	373.4	373.4	373.4	373.4	368.8	365.3	360.7	356.1	344.5
42.5°	397.7	402.3	403.5	404.7	403.5	402.3	397.7	393.1	388.5	383.8	372.3
45°	434.7	440.5	441.7	442.8	441.7	440.5	434.7	430.1	424.3	418.5	404.7
47.5°	478.7	483.3	483.3	483.3	483.3	483.3	478.7	474.0	469.4	464.8	448.6
50°	527.2	529.5	530.7	530.7	530.7	529.5	527.2	524.9	521.4	519.1	498.3
52.5°	579.2	580.4	580.4	579.2	580.4	580.4	579.2	578.1	575.8	574.6	550.3
55°	639.4	639.4	638.2	635.9	638.2	639.4	639.4	639.4	638.2	638.2	612.8
57.5°	704.1	703.0	703.0	701.8	703.0	703.0	704.1	705.3	706.4	707.6	682.1
60°	771.2	767.7	766.5	764.2	766.5	767.7	771.2	773.5	776.9	779.3	755.0
62.5°	834.8	830.1	830.1	830.1	830.1	830.1	834.8	839.4	844.0	848.6	829.0
65°	909.9	905.3	903.0	900.7	903.0	905.3	909.9	914.5	918.0	922.6	907.6
67.5°	980.4	974.7	972.3	968.9	972.3	974.7	980.4	986.2	992.0	997.8	986.2
70°	1041.7	1035.9	1034.8	1033.6	1034.8	1035.9	1041.7	1048.6	1054.4	1060.2	1048.6
72.5°	1090.3	1085.6	1084.5	1082.2	1084.5	1085.6	1090.3	1093.7	1098.4	1101.8	1088.0
75°	1044.0	1038.2	1034.8	1030.1	1034.8	1038.2	1044.0	1049.8	1055.6	1061.4	1051.0
77.5°	871.8	864.8	862.5	859.0	862.5	864.8	871.8	878.7	885.6	892.6	892.6
80°	477.5	454.4	448.6	441.7	448.6	454.4	477.5	500.6	523.7	546.9	571.1
82.5°	105.2	94.8	91.3	86.7	91.3	94.8	105.2	114.5	124.9	134.1	154.9
85°	35.8	32.4	30.1	27.7	30.1	32.4	35.8	40.5	43.9	47.4	50.9
87.5°	3.5	3.5	3.5	2.3	3.5	3.5	3.5	3.5	3.5	3.5	4.6
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: P560155

CATALOG NUMBER: SDL-PA1-30-727-U-5WQ

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4
2.5°	280.9	280.9	280.9	280.9	279.8	279.8	278.6	278.6	277.5	277.5	276.3
5°	268.2	264.8	262.5	257.8	252.0	247.4	241.6	240.5	239.3	238.2	237.0
7.5°	225.5	219.7	215.0	218.5	220.8	224.3	226.6	227.8	228.9	228.9	230.1
10°	180.4	178.0	176.9	179.2	180.4	182.7	183.8	187.3	190.8	193.1	196.5
12.5°	161.9	165.3	168.8	167.6	166.5	165.3	164.2	166.5	168.8	171.1	173.4
15°	154.9	150.3	145.7	145.7	145.7	144.5	144.5	145.7	148.0	149.1	150.3
17.5°	152.6	152.6	151.5	153.8	157.2	159.6	161.9	156.1	150.3	143.4	137.6
20°	153.8	148.0	142.2	145.7	149.1	151.5	154.9	159.6	163.0	167.6	171.1
22.5°	170.0	173.4	176.9	171.1	164.2	158.4	151.5	157.2	164.2	170.0	175.7
25°	178.0	168.8	158.4	164.2	170.0	175.7	181.5	176.9	172.3	167.6	163.0
27.5°	204.6	198.9	193.1	188.5	185.0	180.4	175.7	181.5	187.3	193.1	198.9
30°	249.7	235.9	220.8	215.0	210.4	204.6	198.9	196.5	194.2	190.8	188.5
32.5°	274.0	265.9	257.8	247.4	235.9	225.5	213.9	213.9	213.9	212.7	212.7
35°	289.0	279.8	270.5	262.5	253.2	245.1	235.9	233.5	231.2	228.9	226.6
37.5°	307.5	297.1	285.6	275.2	265.9	255.5	245.1	245.1	245.1	245.1	245.1
40°	333.0	321.4	309.9	297.1	284.4	271.7	259.0	260.1	262.5	263.6	264.8
42.5°	359.6	348.0	335.3	321.4	308.7	294.8	280.9	282.1	284.4	285.6	286.7
45°	390.8	376.9	363.0	349.2	335.3	321.4	307.5	309.9	311.0	313.3	314.5
47.5°	431.3	415.1	397.7	383.8	370.0	354.9	341.1	344.5	346.9	350.3	352.6
50°	476.3	455.5	433.6	419.7	405.8	391.9	378.1	382.7	387.3	391.9	396.6
52.5°	527.2	502.9	478.7	465.9	452.1	439.3	425.5	430.1	435.9	440.5	445.1
55°	586.2	560.7	534.1	521.4	508.7	494.8	482.1	489.1	496.0	502.9	509.9
57.5°	657.9	632.4	607.0	593.1	580.4	566.5	552.6	561.9	572.3	581.6	590.8
60°	730.7	705.3	681.0	669.4	656.7	645.1	632.4	644.0	656.7	668.3	679.8
62.5°	809.3	788.5	768.9	755.0	742.3	728.4	714.5	731.9	749.2	766.5	783.9
65°	892.6	876.4	861.3	847.5	833.6	818.6	804.7	825.5	846.3	867.1	887.9
67.5°	975.8	964.2	952.7	936.5	921.5	905.3	889.1	911.1	931.9	953.8	974.7
70°	1037.1	1025.5	1014.0	1000.1	986.2	972.3	958.5	978.1	997.8	1017.4	1037.1
72.5°	1074.1	1060.2	1046.3	1030.1	1015.1	998.9	982.7	1007.0	1032.5	1056.7	1081.0
75°	1040.6	1029.0	1018.6	1007.0	995.5	983.9	972.3	1005.9	1038.2	1071.8	1104.1
77.5°	892.6	891.4	891.4	893.7	894.9	897.2	898.3	945.7	992.0	1039.4	1085.6
80°	595.4	619.7	644.0	664.8	685.6	706.4	727.2	781.6	835.9	889.1	943.4
82.5°	174.6	195.4	215.0	262.5	309.9	356.1	403.5	463.6	524.9	585.0	645.1
85°	55.5	59.0	62.4	78.6	94.8	111.0	127.2	151.5	175.7	200.0	224.3
87.5°	5.8	5.8	6.9	8.1	9.2	9.2	10.4	10.4	9.2	9.2	8.1
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: P560155

CATALOG NUMBER: SDL-PA1-30-727-U-5WQ

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4
2.5°	275.2	274.0	272.9	271.7	270.5	269.4	267.1	265.9	262.5	259.0	255.5
5°	237.0	237.0	237.0	237.0	237.0	237.0	237.0	237.0	237.0	237.0	237.0
7.5°	230.1	231.2	231.2	231.2	230.1	228.9	227.8	226.6	225.5	225.5	224.3
10°	196.5	196.5	195.4	195.4	201.2	208.1	213.9	219.7	222.0	224.3	225.5
12.5°	181.5	189.6	196.5	204.6	209.3	215.0	219.7	224.3	223.1	222.0	220.8
15°	154.9	158.4	163.0	166.5	173.4	180.4	186.1	193.1	201.2	210.4	218.5
17.5°	149.1	160.7	172.3	183.8	189.6	196.5	202.3	208.1	210.4	213.9	216.2
20°	172.3	172.3	173.4	173.4	173.4	172.3	172.3	171.1	185.0	200.0	213.9
22.5°	173.4	171.1	168.8	166.5	176.9	186.1	196.5	205.8	204.6	203.5	202.3
25°	172.3	182.7	191.9	201.2	197.7	195.4	191.9	188.5	201.2	212.7	225.5
27.5°	195.4	193.1	189.6	186.1	193.1	201.2	208.1	215.0	212.7	210.4	207.0
30°	194.2	198.9	204.6	209.3	208.1	208.1	207.0	205.8	218.5	230.1	242.8
32.5°	212.7	213.9	213.9	213.9	222.0	228.9	237.0	244.0	249.7	256.7	262.5
35°	228.9	231.2	232.4	234.7	245.1	255.5	264.8	275.2	286.7	298.3	309.9
37.5°	246.3	248.6	249.7	250.9	262.5	272.9	284.4	294.8	307.5	320.3	331.8
40°	267.1	270.5	272.9	275.2	285.6	296.0	306.4	316.8	330.7	344.5	357.3
42.5°	291.4	294.8	299.4	302.9	314.5	324.9	336.4	346.9	360.7	373.4	387.3
45°	319.1	323.7	327.2	331.8	346.9	360.7	375.8	389.6	402.3	413.9	426.6
47.5°	356.1	358.4	361.9	364.2	380.4	396.6	411.6	427.8	440.5	453.2	464.8
50°	397.7	397.7	398.9	398.9	419.7	439.3	460.2	479.8	491.4	504.1	515.7
52.5°	447.4	449.7	450.9	453.2	474.0	493.7	514.5	534.1	545.7	558.4	570.0
55°	511.0	512.2	512.2	513.3	534.1	555.0	575.8	596.6	608.1	619.7	631.3
57.5°	590.8	589.6	589.6	588.5	609.3	630.1	649.8	670.6	682.1	693.7	705.3
60°	676.4	672.9	668.3	664.8	687.9	712.2	735.3	758.4	768.9	779.3	789.7
62.5°	776.9	771.2	764.2	757.3	781.6	804.7	829.0	852.1	860.2	867.1	875.2
65°	875.2	862.5	848.6	835.9	863.7	891.4	919.2	946.9	952.7	958.5	963.1
67.5°	959.6	944.6	929.6	914.5	946.9	979.3	1010.5	1042.9	1045.2	1047.5	1049.8
70°	1022.1	1007.0	992.0	977.0	1016.3	1055.6	1094.9	1134.2	1135.4	1136.5	1137.7
72.5°	1066.0	1051.0	1034.8	1019.7	1060.2	1099.5	1140.0	1179.3	1182.8	1185.1	1188.5
75°	1082.2	1060.2	1038.2	1016.3	1052.1	1086.8	1122.6	1157.3	1153.9	1150.4	1145.8
77.5°	1046.3	1007.0	967.7	928.4	945.7	963.1	979.3	996.6	978.1	958.5	940.0
80°	886.8	831.3	774.6	718.0	706.4	694.9	682.1	670.6	635.9	601.2	565.4
82.5°	588.5	533.0	476.3	419.7	383.8	349.2	313.3	277.5	246.3	215.0	182.7
85°	195.4	166.5	137.6	108.7	97.1	86.7	75.2	63.6	59.0	54.3	49.7
87.5°	9.2	10.4	10.4	11.6	10.4	10.4	9.2	8.1	6.9	6.9	5.8
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: P560155

CATALOG NUMBER: SDL-PA1-30-727-U-5WQ

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4
2.5°	252.0	252.0	253.2	253.2	253.2	253.2	252.0	253.2	253.2	253.2	253.2
5°	237.0	237.0	238.2	238.2	238.2	238.2	238.2	238.2	238.2	238.2	238.2
7.5°	223.1	219.7	215.0	211.6	207.0	205.8	203.5	205.8	207.0	211.6	215.0
10°	227.8	227.8	228.9	228.9	228.9	228.9	228.9	228.9	228.9	228.9	228.9
12.5°	219.7	215.0	209.3	204.6	198.9	200.0	201.2	200.0	198.9	204.6	209.3
15°	226.6	227.8	228.9	230.1	231.2	231.2	231.2	231.2	231.2	230.1	228.9
17.5°	218.5	213.9	208.1	203.5	197.7	197.7	196.5	197.7	197.7	203.5	208.1
20°	227.8	230.1	232.4	233.5	235.9	235.9	235.9	235.9	235.9	233.5	232.4
22.5°	201.2	201.2	201.2	200.0	200.0	200.0	200.0	200.0	200.0	200.0	201.2
25°	237.0	239.3	241.6	242.8	245.1	245.1	244.0	245.1	245.1	242.8	241.6
27.5°	204.6	205.8	208.1	209.3	210.4	210.4	210.4	210.4	210.4	209.3	208.1
30°	254.4	255.5	256.7	256.7	257.8	257.8	257.8	257.8	257.8	256.7	256.7
32.5°	268.2	278.6	290.2	300.6	311.0	312.2	313.3	312.2	311.0	300.6	290.2
35°	321.4	323.7	327.2	329.5	331.8	333.0	333.0	333.0	331.8	329.5	327.2
37.5°	344.5	346.9	348.0	350.3	351.5	352.6	352.6	352.6	351.5	350.3	348.0
40°	371.1	373.4	374.6	376.9	378.1	378.1	376.9	378.1	378.1	376.9	374.6
42.5°	400.0	401.2	403.5	404.7	405.8	407.0	407.0	407.0	405.8	404.7	403.5
45°	438.2	439.3	440.5	440.5	441.7	442.8	442.8	442.8	441.7	440.5	440.5
47.5°	477.5	479.8	481.0	483.3	484.4	485.6	486.7	485.6	484.4	483.3	481.0
50°	527.2	528.4	530.7	531.8	533.0	533.0	533.0	533.0	533.0	531.8	530.7
52.5°	581.6	582.7	582.7	583.9	583.9	583.9	582.7	583.9	583.9	583.9	582.7
55°	642.8	642.8	642.8	641.7	641.7	641.7	641.7	641.7	641.7	641.7	642.8
57.5°	716.8	716.8	716.8	716.8	716.8	713.4	708.7	713.4	716.8	716.8	716.8
60°	800.1	797.8	794.3	792.0	788.5	787.4	786.2	787.4	788.5	792.0	794.3
62.5°	882.2	878.7	874.1	870.6	866.0	864.8	862.5	864.8	866.0	870.6	874.1
65°	968.9	963.1	957.3	950.4	944.6	943.4	941.1	943.4	944.6	950.4	957.3
67.5°	1052.1	1046.3	1040.6	1033.6	1027.8	1026.7	1024.4	1026.7	1027.8	1033.6	1040.6
70°	1138.8	1133.0	1127.3	1120.3	1114.5	1114.5	1113.4	1114.5	1114.5	1120.3	1127.3
72.5°	1190.9	1185.1	1180.4	1174.7	1168.9	1165.4	1161.9	1165.4	1168.9	1174.7	1180.4
75°	1142.3	1133.0	1123.8	1113.4	1104.1	1101.8	1099.5	1101.8	1104.1	1113.4	1123.8
77.5°	920.3	911.1	900.7	891.4	881.0	871.8	861.3	871.8	881.0	891.4	900.7
80°	530.7	507.6	484.4	461.3	438.2	432.4	426.6	432.4	438.2	461.3	484.4
82.5°	151.5	139.9	127.2	115.6	102.9	102.9	102.9	102.9	102.9	115.6	127.2
85°	45.1	39.3	34.7	28.9	23.1	22.0	20.8	22.0	23.1	28.9	34.7
87.5°	4.6	4.6	4.6	3.5	3.5	3.5	3.5	3.5	3.5	3.5	4.6
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: P560155

CATALOG NUMBER: SDL-PA1-30-727-U-5WQ

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4
2.5°	252.0	252.0	255.5	259.0	262.5	265.9	267.1	269.4	270.5	271.7	272.9
5°	237.0	237.0	237.0	237.0	237.0	237.0	237.0	237.0	237.0	237.0	237.0
7.5°	219.7	223.1	224.3	225.5	225.5	226.6	227.8	228.9	230.1	231.2	231.2
10°	227.8	227.8	225.5	224.3	222.0	219.7	213.9	208.1	201.2	195.4	195.4
12.5°	215.0	219.7	220.8	222.0	223.1	224.3	219.7	215.0	209.3	204.6	196.5
15°	227.8	226.6	218.5	210.4	201.2	193.1	186.1	180.4	173.4	166.5	163.0
17.5°	213.9	218.5	216.2	213.9	210.4	208.1	202.3	196.5	189.6	183.8	172.3
20°	230.1	227.8	213.9	200.0	185.0	171.1	172.3	172.3	173.4	173.4	173.4
22.5°	201.2	201.2	202.3	203.5	204.6	205.8	196.5	186.1	176.9	166.5	168.8
25°	239.3	237.0	225.5	212.7	201.2	188.5	191.9	195.4	197.7	201.2	191.9
27.5°	205.8	204.6	207.0	210.4	212.7	215.0	208.1	201.2	193.1	186.1	189.6
30°	255.5	254.4	242.8	230.1	218.5	205.8	207.0	208.1	208.1	209.3	204.6
32.5°	278.6	268.2	262.5	256.7	249.7	244.0	237.0	228.9	222.0	213.9	213.9
35°	323.7	321.4	309.9	298.3	286.7	275.2	264.8	255.5	245.1	234.7	232.4
37.5°	346.9	344.5	331.8	320.3	307.5	294.8	284.4	272.9	262.5	250.9	249.7
40°	373.4	371.1	357.3	344.5	330.7	316.8	306.4	296.0	285.6	275.2	272.9
42.5°	401.2	400.0	387.3	373.4	360.7	346.9	336.4	324.9	314.5	302.9	299.4
45°	439.3	438.2	426.6	413.9	402.3	389.6	375.8	360.7	346.9	331.8	327.2
47.5°	479.8	477.5	464.8	453.2	440.5	427.8	411.6	396.6	380.4	364.2	361.9
50°	528.4	527.2	515.7	504.1	491.4	479.8	460.2	439.3	419.7	398.9	398.9
52.5°	582.7	581.6	570.0	558.4	545.7	534.1	514.5	493.7	474.0	453.2	450.9
55°	642.8	642.8	631.3	619.7	608.1	596.6	575.8	555.0	534.1	513.3	512.2
57.5°	716.8	716.8	705.3	693.7	682.1	670.6	649.8	630.1	609.3	588.5	589.6
60°	797.8	800.1	789.7	779.3	768.9	758.4	735.3	712.2	687.9	664.8	668.3
62.5°	878.7	882.2	875.2	867.1	860.2	852.1	829.0	804.7	781.6	757.3	764.2
65°	963.1	968.9	963.1	958.5	952.7	946.9	919.2	891.4	863.7	835.9	848.6
67.5°	1046.3	1052.1	1049.8	1047.5	1045.2	1042.9	1010.5	979.3	946.9	914.5	929.6
70°	1133.0	1138.8	1137.7	1136.5	1135.4	1134.2	1094.9	1055.6	1016.3	977.0	992.0
72.5°	1185.1	1190.9	1188.5	1185.1	1182.8	1179.3	1140.0	1099.5	1060.2	1019.7	1034.8
75°	1133.0	1142.3	1145.8	1150.4	1153.9	1157.3	1122.6	1086.8	1052.1	1016.3	1038.2
77.5°	911.1	920.3	940.0	958.5	978.1	996.6	979.3	963.1	945.7	928.4	967.7
80°	507.6	530.7	565.4	601.2	635.9	670.6	682.1	694.9	706.4	718.0	774.6
82.5°	139.9	151.5	182.7	215.0	246.3	277.5	313.3	349.2	383.8	419.7	476.3
85°	39.3	45.1	49.7	54.3	59.0	63.6	75.2	86.7	97.1	108.7	137.6
87.5°	4.6	4.6	5.8	6.9	6.9	8.1	9.2	10.4	10.4	11.6	10.4
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: P560155

CATALOG NUMBER: SDL-PA1-30-727-U-5WQ

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4
2.5°	274.0	275.2	276.3	277.5	277.5	278.6	278.6	279.8	279.8	280.9	280.9
5°	237.0	237.0	237.0	238.2	239.3	240.5	241.6	247.4	252.0	257.8	262.5
7.5°	231.2	230.1	230.1	228.9	228.9	227.8	226.6	224.3	220.8	218.5	215.0
10°	196.5	196.5	196.5	193.1	190.8	187.3	183.8	182.7	180.4	179.2	176.9
12.5°	189.6	181.5	173.4	171.1	168.8	166.5	164.2	165.3	166.5	167.6	168.8
15°	158.4	154.9	150.3	149.1	148.0	145.7	144.5	144.5	145.7	145.7	145.7
17.5°	160.7	149.1	137.6	143.4	150.3	156.1	161.9	159.6	157.2	153.8	151.5
20°	172.3	172.3	171.1	167.6	163.0	159.6	154.9	151.5	149.1	145.7	142.2
22.5°	171.1	173.4	175.7	170.0	164.2	157.2	151.5	158.4	164.2	171.1	176.9
25°	182.7	172.3	163.0	167.6	172.3	176.9	181.5	175.7	170.0	164.2	158.4
27.5°	193.1	195.4	198.9	193.1	187.3	181.5	175.7	180.4	185.0	188.5	193.1
30°	198.9	194.2	188.5	190.8	194.2	196.5	198.9	204.6	210.4	215.0	220.8
32.5°	213.9	212.7	212.7	212.7	213.9	213.9	213.9	225.5	235.9	247.4	257.8
35°	231.2	228.9	226.6	228.9	231.2	233.5	235.9	245.1	253.2	262.5	270.5
37.5°	248.6	246.3	245.1	245.1	245.1	245.1	245.1	255.5	265.9	275.2	285.6
40°	270.5	267.1	264.8	263.6	262.5	260.1	259.0	271.7	284.4	297.1	309.9
42.5°	294.8	291.4	286.7	285.6	284.4	282.1	280.9	294.8	308.7	321.4	335.3
45°	323.7	319.1	314.5	313.3	311.0	309.9	307.5	321.4	335.3	349.2	363.0
47.5°	358.4	356.1	352.6	350.3	346.9	344.5	341.1	354.9	370.0	383.8	397.7
50°	397.7	397.7	396.6	391.9	387.3	382.7	378.1	391.9	405.8	419.7	433.6
52.5°	449.7	447.4	445.1	440.5	435.9	430.1	425.5	439.3	452.1	465.9	478.7
55°	512.2	511.0	509.9	502.9	496.0	489.1	482.1	494.8	508.7	521.4	534.1
57.5°	589.6	590.8	590.8	581.6	572.3	561.9	552.6	566.5	580.4	593.1	607.0
60°	672.9	676.4	679.8	668.3	656.7	644.0	632.4	645.1	656.7	669.4	681.0
62.5°	771.2	776.9	783.9	766.5	749.2	731.9	714.5	728.4	742.3	755.0	768.9
65°	862.5	875.2	887.9	867.1	846.3	825.5	804.7	818.6	833.6	847.5	861.3
67.5°	944.6	959.6	974.7	953.8	931.9	911.1	889.1	905.3	921.5	936.5	952.7
70°	1007.0	1022.1	1037.1	1017.4	997.8	978.1	958.5	972.3	986.2	1000.1	1014.0
72.5°	1051.0	1066.0	1081.0	1056.7	1032.5	1007.0	982.7	998.9	1015.1	1030.1	1046.3
75°	1060.2	1082.2	1104.1	1071.8	1038.2	1005.9	972.3	983.9	995.5	1007.0	1018.6
77.5°	1007.0	1046.3	1085.6	1039.4	992.0	945.7	898.3	897.2	894.9	893.7	891.4
80°	831.3	886.8	943.4	889.1	835.9	781.6	727.2	706.4	685.6	664.8	644.0
82.5°	533.0	588.5	645.1	585.0	524.9	463.6	403.5	356.1	309.9	262.5	215.0
85°	166.5	195.4	224.3	200.0	175.7	151.5	127.2	111.0	94.8	78.6	62.4
87.5°	10.4	9.2	8.1	9.2	9.2	10.4	10.4	9.2	9.2	8.1	6.9
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: P560155

CATALOG NUMBER: SDL-PA1-30-727-U-5WQ

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4
2.5°	280.9	280.9	279.8	279.8	279.8	280.9	280.9	280.9	280.9	280.9	280.9
5°	264.8	268.2	270.5	272.9	274.0	274.0	275.2	275.2	275.2	275.2	275.2
7.5°	219.7	225.5	230.1	234.7	235.9	237.0	237.0	238.2	238.2	237.0	238.2
10°	178.0	180.4	181.5	182.7	188.5	195.4	201.2	207.0	207.0	207.0	207.0
12.5°	165.3	161.9	157.2	153.8	159.6	165.3	171.1	176.9	176.9	176.9	176.9
15°	150.3	154.9	159.6	164.2	172.3	181.5	189.6	197.7	197.7	197.7	197.7
17.5°	152.6	152.6	153.8	153.8	158.4	161.9	166.5	170.0	171.1	171.1	171.1
20°	148.0	153.8	159.6	165.3	174.6	183.8	191.9	201.2	202.3	203.5	202.3
22.5°	173.4	170.0	165.3	161.9	161.9	161.9	160.7	160.7	161.9	161.9	161.9
25°	168.8	178.0	188.5	197.7	204.6	210.4	217.4	223.1	223.1	222.0	223.1
27.5°	198.9	204.6	210.4	216.2	226.6	235.9	246.3	255.5	257.8	259.0	257.8
30°	235.9	249.7	264.8	278.6	285.6	292.5	299.4	306.4	306.4	306.4	306.4
32.5°	265.9	274.0	282.1	290.2	297.1	305.2	312.2	319.1	319.1	319.1	319.1
35°	279.8	289.0	297.1	306.4	313.3	320.3	326.0	333.0	334.1	334.1	334.1
37.5°	297.1	307.5	319.1	329.5	335.3	339.9	345.7	350.3	351.5	352.6	351.5
40°	321.4	333.0	344.5	356.1	360.7	365.3	368.8	373.4	373.4	373.4	373.4
42.5°	348.0	359.6	372.3	383.8	388.5	393.1	397.7	402.3	403.5	404.7	403.5
45°	376.9	390.8	404.7	418.5	424.3	430.1	434.7	440.5	441.7	442.8	441.7
47.5°	415.1	431.3	448.6	464.8	469.4	474.0	478.7	483.3	483.3	483.3	483.3
50°	455.5	476.3	498.3	519.1	521.4	524.9	527.2	529.5	530.7	530.7	530.7
52.5°	502.9	527.2	550.3	574.6	575.8	578.1	579.2	580.4	580.4	579.2	580.4
55°	560.7	586.2	612.8	638.2	638.2	639.4	639.4	639.4	638.2	635.9	638.2
57.5°	632.4	657.9	682.1	707.6	706.4	705.3	704.1	703.0	703.0	701.8	703.0
60°	705.3	730.7	755.0	779.3	776.9	773.5	771.2	767.7	766.5	764.2	766.5
62.5°	788.5	809.3	829.0	848.6	844.0	839.4	834.8	830.1	830.1	830.1	830.1
65°	876.4	892.6	907.6	922.6	918.0	914.5	909.9	905.3	903.0	900.7	903.0
67.5°	964.2	975.8	986.2	997.8	992.0	986.2	980.4	974.7	972.3	968.9	972.3
70°	1025.5	1037.1	1048.6	1060.2	1054.4	1048.6	1041.7	1035.9	1034.8	1033.6	1034.8
72.5°	1060.2	1074.1	1088.0	1101.8	1098.4	1093.7	1090.3	1085.6	1084.5	1082.2	1084.5
75°	1029.0	1040.6	1051.0	1061.4	1055.6	1049.8	1044.0	1038.2	1034.8	1030.1	1034.8
77.5°	891.4	892.6	892.6	892.6	885.6	878.7	871.8	864.8	862.5	859.0	862.5
80°	619.7	595.4	571.1	546.9	523.7	500.6	477.5	454.4	448.6	441.7	448.6
82.5°	195.4	174.6	154.9	134.1	124.9	114.5	105.2	94.8	91.3	86.7	91.3
85°	59.0	55.5	50.9	47.4	43.9	40.5	35.8	32.4	30.1	27.7	30.1
87.5°	5.8	5.8	4.6	3.5	3.5	3.5	3.5	3.5	3.5	2.3	3.5
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: P560155

CATALOG NUMBER: SDL-PA1-30-727-U-5WQ

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4
2.5°	280.9	280.9	280.9	279.8	279.8	279.8	280.9	280.9	280.9	280.9	279.8
5°	275.2	275.2	274.0	274.0	272.9	270.5	268.2	264.8	262.5	257.8	252.0
7.5°	238.2	237.0	237.0	235.9	234.7	230.1	225.5	219.7	215.0	218.5	220.8
10°	207.0	201.2	195.4	188.5	182.7	181.5	180.4	178.0	176.9	179.2	180.4
12.5°	176.9	171.1	165.3	159.6	153.8	157.2	161.9	165.3	168.8	167.6	166.5
15°	197.7	189.6	181.5	172.3	164.2	159.6	154.9	150.3	145.7	145.7	145.7
17.5°	170.0	166.5	161.9	158.4	153.8	153.8	152.6	152.6	151.5	153.8	157.2
20°	201.2	191.9	183.8	174.6	165.3	159.6	153.8	148.0	142.2	145.7	149.1
22.5°	160.7	160.7	161.9	161.9	161.9	165.3	170.0	173.4	176.9	171.1	164.2
25°	223.1	217.4	210.4	204.6	197.7	188.5	178.0	168.8	158.4	164.2	170.0
27.5°	255.5	246.3	235.9	226.6	216.2	210.4	204.6	198.9	193.1	188.5	185.0
30°	306.4	299.4	292.5	285.6	278.6	264.8	249.7	235.9	220.8	215.0	210.4
32.5°	319.1	312.2	305.2	297.1	290.2	282.1	274.0	265.9	257.8	247.4	235.9
35°	333.0	326.0	320.3	313.3	306.4	297.1	289.0	279.8	270.5	262.5	253.2
37.5°	350.3	345.7	339.9	335.3	329.5	319.1	307.5	297.1	285.6	275.2	265.9
40°	373.4	368.8	365.3	360.7	356.1	344.5	333.0	321.4	309.9	297.1	284.4
42.5°	402.3	397.7	393.1	388.5	383.8	372.3	359.6	348.0	335.3	321.4	308.7
45°	440.5	434.7	430.1	424.3	418.5	404.7	390.8	376.9	363.0	349.2	335.3
47.5°	483.3	478.7	474.0	469.4	464.8	448.6	431.3	415.1	397.7	383.8	370.0
50°	529.5	527.2	524.9	521.4	519.1	498.3	476.3	455.5	433.6	419.7	405.8
52.5°	580.4	579.2	578.1	575.8	574.6	550.3	527.2	502.9	478.7	465.9	452.1
55°	639.4	639.4	639.4	638.2	638.2	612.8	586.2	560.7	534.1	521.4	508.7
57.5°	703.0	704.1	705.3	706.4	707.6	682.1	657.9	632.4	607.0	593.1	580.4
60°	767.7	771.2	773.5	776.9	779.3	755.0	730.7	705.3	681.0	669.4	656.7
62.5°	830.1	834.8	839.4	844.0	848.6	829.0	809.3	788.5	768.9	755.0	742.3
65°	905.3	909.9	914.5	918.0	922.6	907.6	892.6	876.4	861.3	847.5	833.6
67.5°	974.7	980.4	986.2	992.0	997.8	986.2	975.8	964.2	952.7	936.5	921.5
70°	1035.9	1041.7	1048.6	1054.4	1060.2	1048.6	1037.1	1025.5	1014.0	1000.1	986.2
72.5°	1085.6	1090.3	1093.7	1098.4	1101.8	1088.0	1074.1	1060.2	1046.3	1030.1	1015.1
75°	1038.2	1044.0	1049.8	1055.6	1061.4	1051.0	1040.6	1029.0	1018.6	1007.0	995.5
77.5°	864.8	871.8	878.7	885.6	892.6	892.6	892.6	891.4	891.4	893.7	894.9
80°	454.4	477.5	500.6	523.7	546.9	571.1	595.4	619.7	644.0	664.8	685.6
82.5°	94.8	105.2	114.5	124.9	134.1	154.9	174.6	195.4	215.0	262.5	309.9
85°	32.4	35.8	40.5	43.9	47.4	50.9	55.5	59.0	62.4	78.6	94.8
87.5°	3.5	3.5	3.5	3.5	3.5	4.6	5.8	5.8	6.9	8.1	9.2
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: P560155

CATALOG NUMBER: SDL-PA1-30-727-U-5WQ

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4
2.5°	279.8	278.6	278.6	277.5	277.5	276.3	275.2	274.0	272.9	271.7	270.5
5°	247.4	241.6	240.5	239.3	238.2	237.0	237.0	237.0	237.0	237.0	237.0
7.5°	224.3	226.6	227.8	228.9	228.9	230.1	230.1	231.2	231.2	231.2	230.1
10°	182.7	183.8	187.3	190.8	193.1	196.5	196.5	196.5	195.4	195.4	201.2
12.5°	165.3	164.2	166.5	168.8	171.1	173.4	181.5	189.6	196.5	204.6	209.3
15°	144.5	144.5	145.7	148.0	149.1	150.3	154.9	158.4	163.0	166.5	173.4
17.5°	159.6	161.9	156.1	150.3	143.4	137.6	149.1	160.7	172.3	183.8	189.6
20°	151.5	154.9	159.6	163.0	167.6	171.1	172.3	172.3	173.4	173.4	173.4
22.5°	158.4	151.5	157.2	164.2	170.0	175.7	173.4	171.1	168.8	166.5	176.9
25°	175.7	181.5	176.9	172.3	167.6	163.0	172.3	182.7	191.9	201.2	197.7
27.5°	180.4	175.7	181.5	187.3	193.1	198.9	195.4	193.1	189.6	186.1	193.1
30°	204.6	198.9	196.5	194.2	190.8	188.5	194.2	198.9	204.6	209.3	208.1
32.5°	225.5	213.9	213.9	213.9	212.7	212.7	212.7	213.9	213.9	213.9	222.0
35°	245.1	235.9	233.5	231.2	228.9	226.6	228.9	231.2	232.4	234.7	245.1
37.5°	255.5	245.1	245.1	245.1	245.1	245.1	246.3	248.6	249.7	250.9	262.5
40°	271.7	259.0	260.1	262.5	263.6	264.8	267.1	270.5	272.9	275.2	285.6
42.5°	294.8	280.9	282.1	284.4	285.6	286.7	291.4	294.8	299.4	302.9	314.5
45°	321.4	307.5	309.9	311.0	313.3	314.5	319.1	323.7	327.2	331.8	346.9
47.5°	354.9	341.1	344.5	346.9	350.3	352.6	356.1	358.4	361.9	364.2	380.4
50°	391.9	378.1	382.7	387.3	391.9	396.6	397.7	397.7	398.9	398.9	419.7
52.5°	439.3	425.5	430.1	435.9	440.5	445.1	447.4	449.7	450.9	453.2	474.0
55°	494.8	482.1	489.1	496.0	502.9	509.9	511.0	512.2	512.2	513.3	534.1
57.5°	566.5	552.6	561.9	572.3	581.6	590.8	590.8	589.6	589.6	588.5	609.3
60°	645.1	632.4	644.0	656.7	668.3	679.8	676.4	672.9	668.3	664.8	687.9
62.5°	728.4	714.5	731.9	749.2	766.5	783.9	776.9	771.2	764.2	757.3	781.6
65°	818.6	804.7	825.5	846.3	867.1	887.9	875.2	862.5	848.6	835.9	863.7
67.5°	905.3	889.1	911.1	931.9	953.8	974.7	959.6	944.6	929.6	914.5	946.9
70°	972.3	958.5	978.1	997.8	1017.4	1037.1	1022.1	1007.0	992.0	977.0	1016.3
72.5°	998.9	982.7	1007.0	1032.5	1056.7	1081.0	1066.0	1051.0	1034.8	1019.7	1060.2
75°	983.9	972.3	1005.9	1038.2	1071.8	1104.1	1082.2	1060.2	1038.2	1016.3	1052.1
77.5°	897.2	898.3	945.7	992.0	1039.4	1085.6	1046.3	1007.0	967.7	928.4	945.7
80°	706.4	727.2	781.6	835.9	889.1	943.4	886.8	831.3	774.6	718.0	706.4
82.5°	356.1	403.5	463.6	524.9	585.0	645.1	588.5	533.0	476.3	419.7	383.8
85°	111.0	127.2	151.5	175.7	200.0	224.3	195.4	166.5	137.6	108.7	97.1
87.5°	9.2	10.4	10.4	9.2	9.2	8.1	9.2	10.4	10.4	11.6	10.4
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: P560155

CATALOG NUMBER: SDL-PA1-30-727-U-5WQ

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.4
2.5°	269.4	267.1	265.9	262.5	259.0	255.5	252.0	252.0	253.2	253.2	253.2
5°	237.0	237.0	237.0	237.0	237.0	237.0	237.0	237.0	238.2	238.2	238.2
7.5°	228.9	227.8	226.6	225.5	225.5	224.3	223.1	219.7	215.0	211.6	207.0
10°	208.1	213.9	219.7	222.0	224.3	225.5	227.8	227.8	228.9	228.9	228.9
12.5°	215.0	219.7	224.3	223.1	222.0	220.8	219.7	215.0	209.3	204.6	198.9
15°	180.4	186.1	193.1	201.2	210.4	218.5	226.6	227.8	228.9	230.1	231.2
17.5°	196.5	202.3	208.1	210.4	213.9	216.2	218.5	213.9	208.1	203.5	197.7
20°	172.3	172.3	171.1	185.0	200.0	213.9	227.8	230.1	232.4	233.5	235.9
22.5°	186.1	196.5	205.8	204.6	203.5	202.3	201.2	201.2	201.2	200.0	200.0
25°	195.4	191.9	188.5	201.2	212.7	225.5	237.0	239.3	241.6	242.8	245.1
27.5°	201.2	208.1	215.0	212.7	210.4	207.0	204.6	205.8	208.1	209.3	210.4
30°	208.1	207.0	205.8	218.5	230.1	242.8	254.4	255.5	256.7	256.7	257.8
32.5°	228.9	237.0	244.0	249.7	256.7	262.5	268.2	278.6	290.2	300.6	311.0
35°	255.5	264.8	275.2	286.7	298.3	309.9	321.4	323.7	327.2	329.5	331.8
37.5°	272.9	284.4	294.8	307.5	320.3	331.8	344.5	346.9	348.0	350.3	351.5
40°	296.0	306.4	316.8	330.7	344.5	357.3	371.1	373.4	374.6	376.9	378.1
42.5°	324.9	336.4	346.9	360.7	373.4	387.3	400.0	401.2	403.5	404.7	405.8
45°	360.7	375.8	389.6	402.3	413.9	426.6	438.2	439.3	440.5	440.5	441.7
47.5°	396.6	411.6	427.8	440.5	453.2	464.8	477.5	479.8	481.0	483.3	484.4
50°	439.3	460.2	479.8	491.4	504.1	515.7	527.2	528.4	530.7	531.8	533.0
52.5°	493.7	514.5	534.1	545.7	558.4	570.0	581.6	582.7	582.7	583.9	583.9
55°	555.0	575.8	596.6	608.1	619.7	631.3	642.8	642.8	642.8	641.7	641.7
57.5°	630.1	649.8	670.6	682.1	693.7	705.3	716.8	716.8	716.8	716.8	716.8
60°	712.2	735.3	758.4	768.9	779.3	789.7	800.1	797.8	794.3	792.0	788.5
62.5°	804.7	829.0	852.1	860.2	867.1	875.2	882.2	878.7	874.1	870.6	866.0
65°	891.4	919.2	946.9	952.7	958.5	963.1	968.9	963.1	957.3	950.4	944.6
67.5°	979.3	1010.5	1042.9	1045.2	1047.5	1049.8	1052.1	1046.3	1040.6	1033.6	1027.8
70°	1055.6	1094.9	1134.2	1135.4	1136.5	1137.7	1138.8	1133.0	1127.3	1120.3	1114.5
72.5°	1099.5	1140.0	1179.3	1182.8	1185.1	1188.5	1190.9	1185.1	1180.4	1174.7	1168.9
75°	1086.8	1122.6	1157.3	1153.9	1150.4	1145.8	1142.3	1133.0	1123.8	1113.4	1104.1
77.5°	963.1	979.3	996.6	978.1	958.5	940.0	920.3	911.1	900.7	891.4	881.0
80°	694.9	682.1	670.6	635.9	601.2	565.4	530.7	507.6	484.4	461.3	438.2
82.5°	349.2	313.3	277.5	246.3	215.0	182.7	151.5	139.9	127.2	115.6	102.9
85°	86.7	75.2	63.6	59.0	54.3	49.7	45.1	39.3	34.7	28.9	23.1
87.5°	10.4	9.2	8.1	6.9	6.9	5.8	4.6	4.6	4.6	3.5	3.5
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: P560155

CATALOG NUMBER: SDL-PA1-30-727-U-5WQ

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	284.4	284.4
2.5°	253.2	252.0
5°	238.2	238.2
7.5°	205.8	203.5
10°	228.9	228.9
12.5°	200.0	201.2
15°	231.2	231.2
17.5°	197.7	196.5
20°	235.9	235.9
22.5°	200.0	200.0
25°	245.1	244.0
27.5°	210.4	210.4
30°	257.8	257.8
32.5°	312.2	313.3
35°	333.0	333.0
37.5°	352.6	352.6
40°	378.1	376.9
42.5°	407.0	407.0
45°	442.8	442.8
47.5°	485.6	486.7
50°	533.0	533.0
52.5°	583.9	582.7
55°	641.7	641.7
57.5°	713.4	708.7
60°	787.4	786.2
62.5°	864.8	862.5
65°	943.4	941.1
67.5°	1026.7	1024.4
70°	1114.5	1113.4
72.5°	1165.4	1161.9
75°	1101.8	1099.5
77.5°	871.8	861.3
80°	432.4	426.6
82.5°	102.9	102.9
85°	22.0	20.8
87.5°	3.5	3.5
90°	0.0	0.0

(END OF REPORT)