Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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: P560221

Luminaire Tested: **SDL-PA1-30-750-U-5WQ**

Issue Date: 7/26/2021

Test Information

Test Method:	LM-79-08
Report Number:	P560221
	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-PA1-30-750-U-5WQ
Description:	Springdale
	(1) 70 CRI, 5000K, 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:	3928 lumens
Efficiency:	N/A
Efficacy:	130.5 lumens/watt
Luminous Opening:	Rectangular w/ Sides (W: 1.21' x L: 1.21' x H: 0.96')
IES Classification:	Type V - Short
BUG Rating:	B3 - U0 - G2

Input Watts (W):	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

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Scaled Data Report

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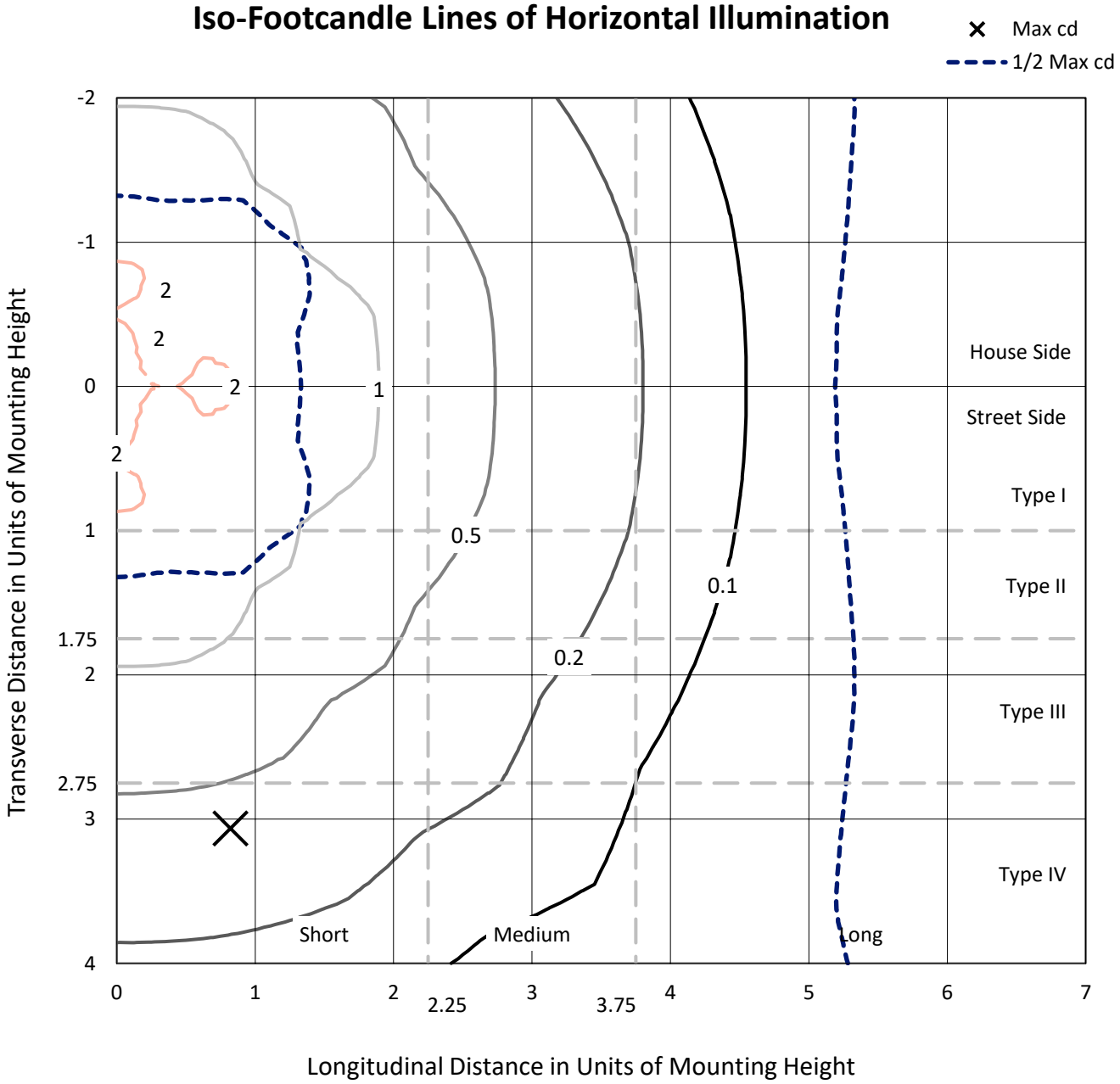
CATALOG NUMBER: SDL-PA1-30-750-U-5WQ

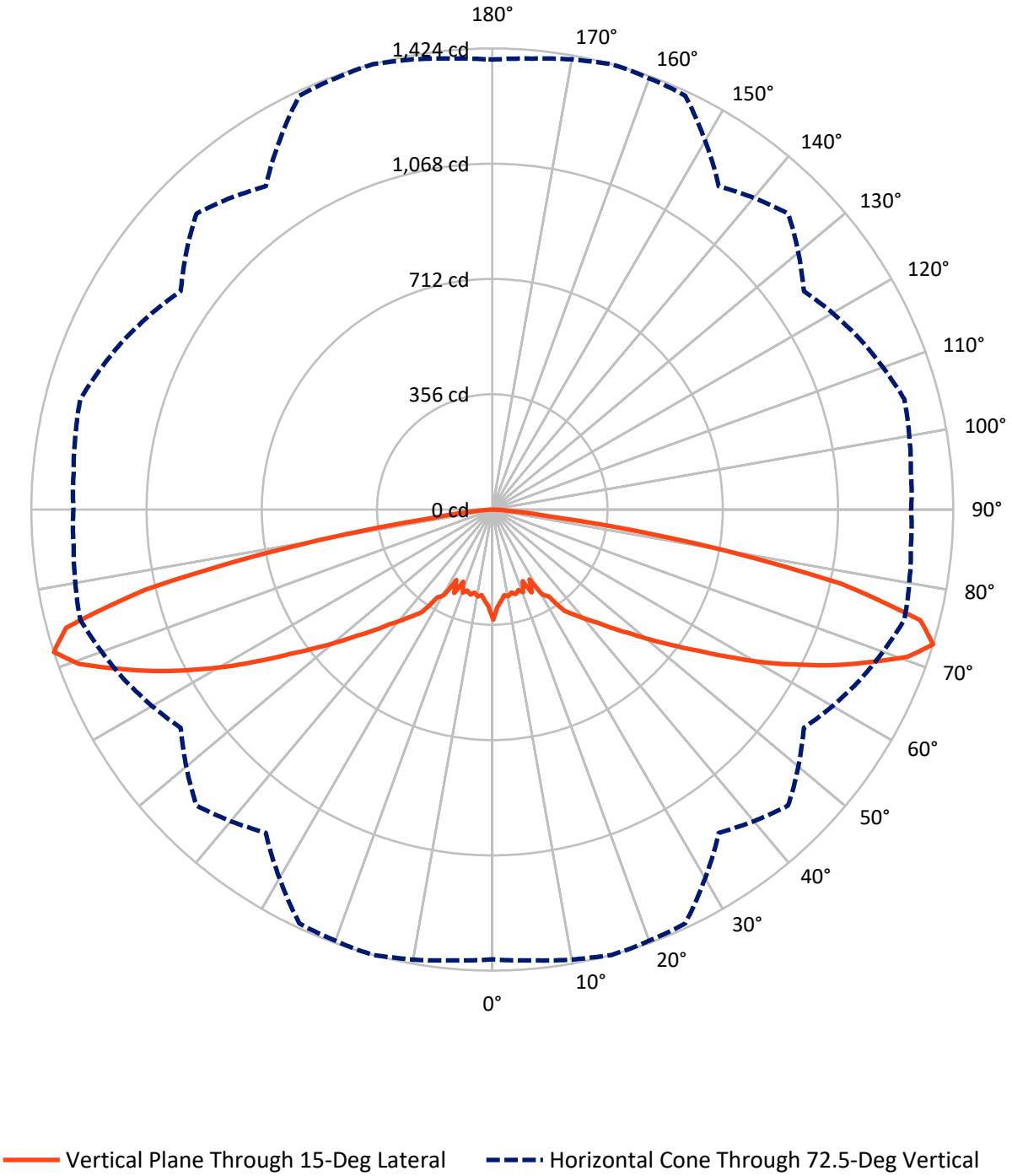
Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 3.4 fc
Type V - Short - N/A

REPORT NUMBER: P560221
CATALOG NUMBER: SDL-PA1-30-750-U-5WQ

Luminous Intensity Polar Plot



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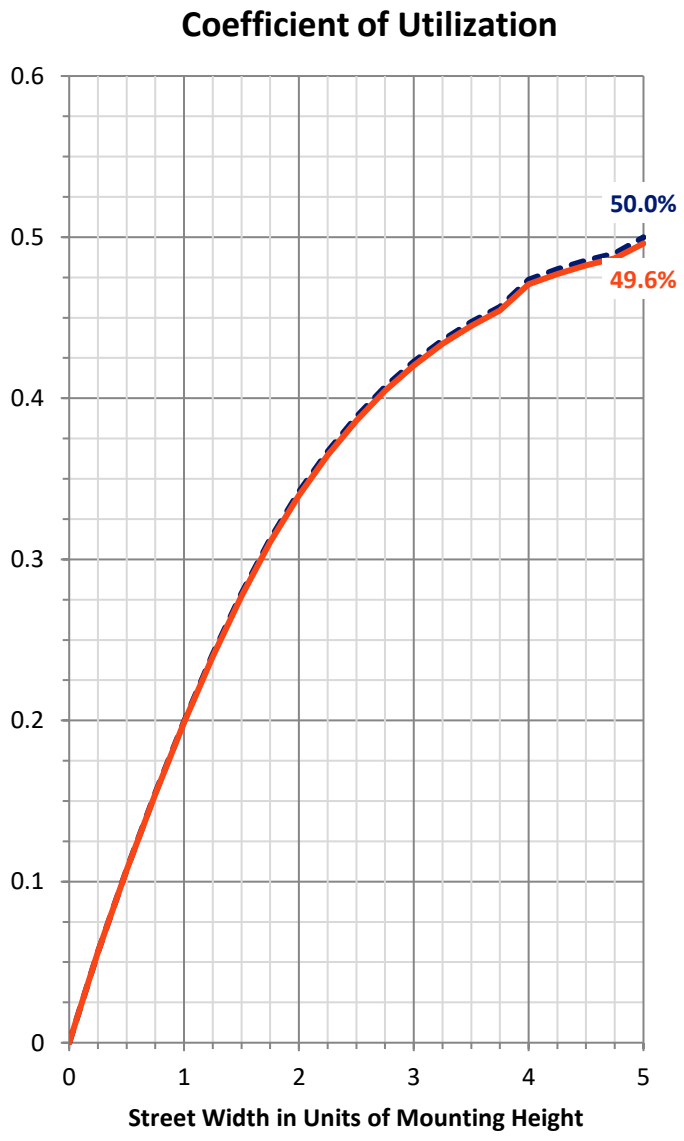
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1964.0	0.0	1964.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1964.0	0.0	1964.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	3928.0	0.0	3928.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.7	0.7
10°-20°	62.0	1.6
20°-30°	110.6	2.8
30°-40°	211.6	5.4
40°-50°	360.4	9.2
50°-60°	631.0	16.1
60°-70°	1064.7	27.1
70°-80°	1241.9	31.6
80°-90°	219.1	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°	3928.0	100.0
0°-180°	3928.0	100.0



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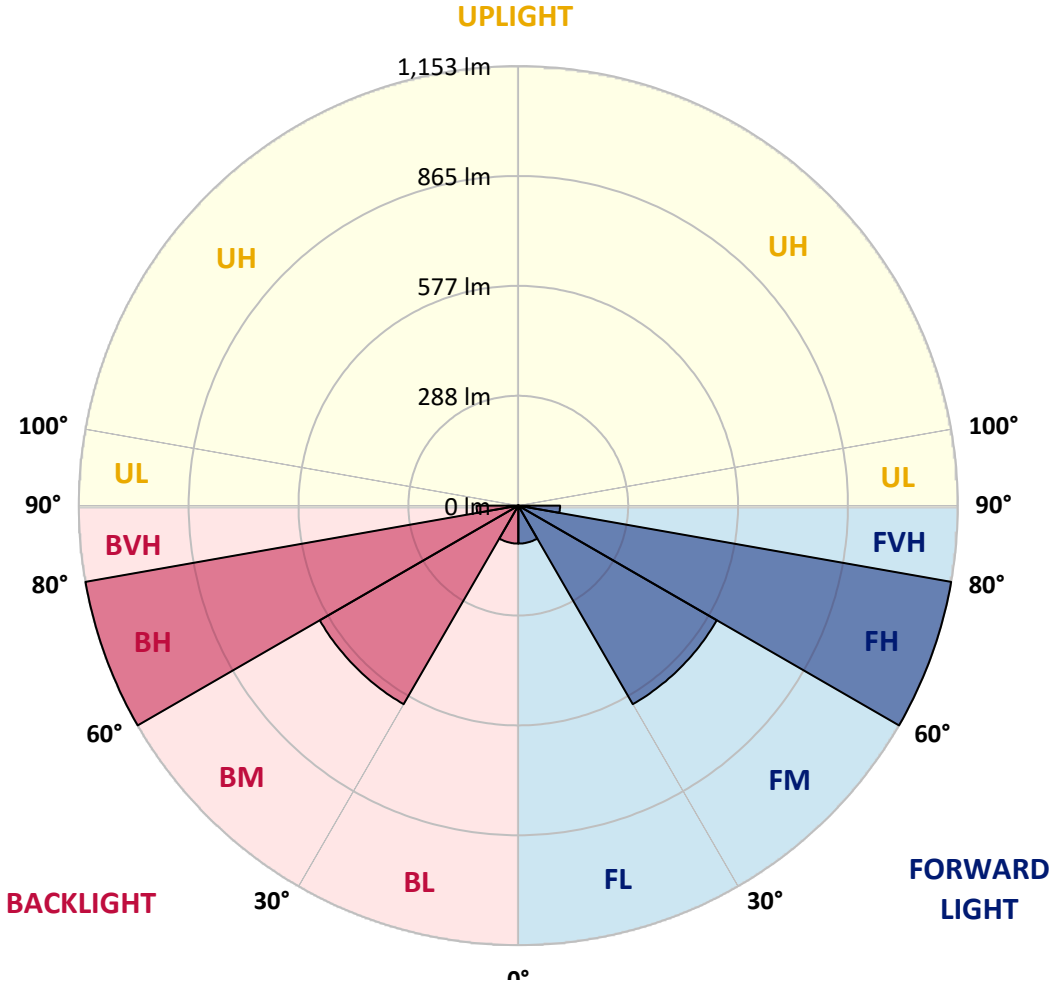
CATALOG NUMBER: SDL-PA1-30-750-U-5WQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	99.7	2.5			
FM	(30°-60°)	601.5	15.3			
FH	(60°-80°)	1153.3	29.4			G1/1800
FVH	(80°-90°)	109.5	2.8			G2/225
BL	(0°-30°)	99.7	2.5	B0/110		
BM	(30°-60°)	601.5	15.3	B1/1000		
BH	(60°-80°)	1153.3	29.4	B3/2500		G1/1800
BVH	(80°-90°)	109.5	2.8			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2
Type V Short



REPORT NUMBER: P560221
CATALOG NUMBER: SDL-PA1-30-750-U-5WQ

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	340.1	340.1	340.1	340.1	340.1	340.1	*340.1*	340.1	340.1	340.1	340.1
2.5°	301.4	302.8	302.8	302.8	302.8	301.4	*301.4*	305.5	309.7	313.8	318.0
5°	284.8	284.8	284.8	284.8	284.8	283.4	*283.4*	283.4	283.4	283.4	283.4
7.5°	243.3	246.1	247.5	253.0	257.1	262.7	*266.8*	268.2	269.6	269.6	271.0
10°	273.7	273.7	273.7	273.7	273.7	272.3	*272.3*	269.6	268.2	265.4	262.7
12.5°	240.5	239.2	237.8	244.7	250.2	257.1	*262.7*	264.1	265.4	266.8	268.2
15°	276.5	276.5	276.5	275.1	273.7	272.3	*271.0*	261.3	251.6	240.5	230.9
17.5°	235.0	236.4	236.4	243.3	248.8	255.8	*261.3*	258.5	255.8	251.6	248.8
20°	282.0	282.0	282.0	279.3	277.9	275.1	*272.3*	255.8	239.2	221.2	204.6
22.5°	239.2	239.2	239.2	239.2	240.5	240.5	*240.5*	241.9	243.3	244.7	246.1
25°	291.7	293.1	293.1	290.3	288.9	286.2	*283.4*	269.6	254.4	240.5	225.3
27.5°	251.6	251.6	251.6	250.2	248.8	246.1	*244.7*	247.5	251.6	254.4	257.1
30°	308.3	308.3	308.3	306.9	306.9	305.5	*304.1*	290.3	275.1	261.3	246.1
32.5°	374.6	373.3	371.9	359.4	347.0	333.2	*320.7*	313.8	306.9	298.6	291.7
35°	398.1	398.1	396.8	394.0	391.2	387.1	*384.3*	370.5	356.7	342.9	329.0
37.5°	421.7	421.7	420.3	418.9	416.1	414.7	*412.0*	396.8	382.9	367.7	352.5
40°	450.7	452.1	452.1	450.7	447.9	446.5	*443.8*	427.2	412.0	395.4	378.8
42.5°	486.6	486.6	485.2	483.9	482.5	479.7	*478.3*	463.1	446.5	431.3	414.7
45°	529.5	529.5	528.1	526.7	526.7	525.3	*524.0*	510.1	494.9	481.1	465.9
47.5°	582.0	580.6	579.3	577.9	575.1	573.7	*571.0*	555.8	541.9	526.7	511.5
50°	637.3	637.3	637.3	635.9	634.6	631.8	*630.4*	616.6	602.8	587.5	573.7
52.5°	696.8	698.1	698.1	698.1	696.8	696.8	*695.4*	681.6	667.7	652.5	638.7
55°	767.3	767.3	767.3	767.3	768.7	768.7	*768.7*	754.8	741.0	727.2	713.4
57.5°	847.5	853.0	857.1	857.1	857.1	857.1	*857.1*	843.3	829.5	815.7	801.8
60°	940.1	941.5	942.8	947.0	949.8	953.9	*956.7*	944.2	931.8	919.3	906.9
62.5°	1031.3	1034.1	1035.5	1041.0	1045.1	1050.7	*1054.8*	1046.5	1036.8	1028.6	1018.9
65°	1125.3	1128.1	1129.5	1136.4	1144.7	1151.6	*1158.5*	1151.6	1146.1	1139.2	1132.2
67.5°	1224.9	1227.6	1229.0	1235.9	1244.2	1251.1	*1258.0*	1255.3	1252.5	1249.7	1247.0
70°	1331.3	1332.7	1332.7	1339.6	1347.9	1354.8	*1361.7*	1360.3	1359.0	1357.6	1356.2
72.5°	*1389.4*	*1393.5*	*1397.7*	*1404.6*	*1411.5*	*1417.0*	*1423.9*	*1421.2*	*1417.0*	*1414.3*	*1410.1*
75°	1314.7	1317.5	1320.3	1331.3	1343.8	1354.8	*1365.9*	1370.0	1375.6	1379.7	1383.8
77.5°	1029.9	1042.4	1053.4	1065.9	1076.9	1089.4	*1100.4*	1123.9	1146.1	1169.6	1191.7
80°	510.1	517.0	524.0	551.6	579.3	606.9	*634.6*	676.0	718.9	760.4	801.8
82.5°	123.0	123.0	123.0	138.2	152.1	167.3	*181.1*	218.4	257.1	294.5	331.8
85°	24.9	26.3	27.6	34.6	41.5	47.0	*53.9*	59.4	65.0	70.5	76.0
87.5°	4.1	4.1	4.1	4.1	5.5	5.5	*5.5*	6.9	8.3	8.3	9.7
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: P560221
CATALOG NUMBER: SDL-PA1-30-750-U-5WQ

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	340.1	340.1	340.1	340.1	340.1	340.1	340.1	340.1	340.1	340.1	340.1
2.5°	319.3	322.1	323.5	324.9	326.3	327.6	329.0	330.4	331.8	331.8	333.2
5°	283.4	283.4	283.4	283.4	283.4	283.4	283.4	283.4	284.8	286.2	287.6
7.5°	272.3	273.7	275.1	276.5	276.5	276.5	275.1	275.1	273.7	273.7	272.3
10°	255.8	248.8	240.5	233.6	233.6	235.0	235.0	235.0	230.9	228.1	224.0
12.5°	262.7	257.1	250.2	244.7	235.0	226.7	217.0	207.4	204.6	201.8	199.1
15°	222.6	215.7	207.4	199.1	194.9	189.4	185.3	179.7	178.3	177.0	174.2
17.5°	241.9	235.0	226.7	219.8	206.0	192.2	178.3	164.5	171.4	179.7	186.6
20°	206.0	206.0	207.4	207.4	207.4	206.0	206.0	204.6	200.5	194.9	190.8
22.5°	235.0	222.6	211.5	199.1	201.8	204.6	207.4	210.1	203.2	196.3	188.0
25°	229.5	233.6	236.4	240.5	229.5	218.4	206.0	194.9	200.5	206.0	211.5
27.5°	248.8	240.5	230.9	222.6	226.7	230.9	233.6	237.8	230.9	224.0	217.0
30°	247.5	248.8	248.8	250.2	244.7	237.8	232.3	225.3	228.1	232.3	235.0
32.5°	283.4	273.7	265.4	255.8	255.8	255.8	254.4	254.4	254.4	255.8	255.8
35°	316.6	305.5	293.1	280.6	277.9	276.5	273.7	271.0	273.7	276.5	279.3
37.5°	340.1	326.3	313.8	300.0	298.6	297.2	294.5	293.1	293.1	293.1	293.1
40°	366.4	353.9	341.5	329.0	326.3	323.5	319.3	316.6	315.2	313.8	311.1
42.5°	402.3	388.5	376.0	362.2	358.1	352.5	348.4	342.9	341.5	340.1	337.3
45°	449.3	431.3	414.7	396.8	391.2	387.1	381.6	376.0	374.6	371.9	370.5
47.5°	492.2	474.2	454.8	435.5	432.7	428.6	425.8	421.7	418.9	414.7	412.0
50°	550.2	525.3	501.8	477.0	477.0	475.6	475.6	474.2	468.7	463.1	457.6
52.5°	615.2	590.3	566.8	541.9	539.2	537.8	535.0	532.2	526.7	521.2	514.3
55°	688.5	663.6	638.7	613.8	612.4	612.4	611.0	609.7	601.4	593.1	584.8
57.5°	776.9	753.4	728.6	703.7	705.1	705.1	706.4	706.4	695.4	684.3	671.9
60°	879.2	851.6	822.6	794.9	799.1	804.6	808.7	812.9	799.1	785.2	770.0
62.5°	991.2	962.2	934.5	905.5	913.8	922.1	929.0	937.3	916.6	895.8	875.1
65°	1099.1	1065.9	1032.7	999.5	1014.7	1031.3	1046.5	1061.7	1036.8	1012.0	987.1
67.5°	1208.3	1170.9	1132.2	1093.5	1111.5	1129.5	1147.4	1165.4	1140.5	1114.3	1089.4
70°	1309.2	1262.2	1215.2	1168.2	1186.2	1204.1	1222.1	1240.1	1216.6	1193.1	1169.6
72.5°	*1363.1*	*1314.7*	*1267.7*	*1219.3*	*1237.3*	*1256.7*	*1274.6*	*1292.6*	*1263.6*	*1234.5*	*1204.1*
75°	1342.4	1299.5	1258.0	1215.2	1241.5	1267.7	1294.0	1320.3	1281.5	1241.5	1202.7
77.5°	1170.9	1151.6	1130.9	1110.1	1157.1	1204.1	1251.1	1298.1	1242.8	1186.2	1130.9
80°	815.7	830.9	844.7	858.5	926.3	994.0	1060.4	1128.1	1063.1	999.5	934.5
82.5°	374.6	417.5	459.0	501.8	569.6	637.3	703.7	771.4	699.5	627.6	554.4
85°	89.9	103.7	116.1	130.0	164.5	199.1	233.6	268.2	239.2	210.1	181.1
87.5°	11.1	12.4	12.4	13.8	12.4	12.4	11.1	9.7	11.1	11.1	12.4
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: P560221
CATALOG NUMBER: SDL-PA1-30-750-U-5WQ

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	340.1	340.1	340.1	340.1	340.1	340.1	340.1	340.1	340.1	340.1	340.1
2.5°	333.2	334.6	334.6	335.9	335.9	335.9	335.9	334.6	334.6	334.6	335.9
5°	288.9	295.8	301.4	308.3	313.8	316.6	320.7	323.5	326.3	327.6	327.6
7.5°	271.0	268.2	264.1	261.3	257.1	262.7	269.6	275.1	280.6	282.0	283.4
10°	219.8	218.4	215.7	214.3	211.5	212.9	215.7	217.0	218.4	225.3	233.6
12.5°	196.3	197.7	199.1	200.5	201.8	197.7	193.5	188.0	183.9	190.8	197.7
15°	172.8	172.8	174.2	174.2	174.2	179.7	185.3	190.8	196.3	206.0	217.0
17.5°	193.5	190.8	188.0	183.9	181.1	182.5	182.5	183.9	183.9	189.4	193.5
20°	185.3	181.1	178.3	174.2	170.0	177.0	183.9	190.8	197.7	208.8	219.8
22.5°	181.1	189.4	196.3	204.6	211.5	207.4	203.2	197.7	193.5	193.5	193.5
25°	217.0	210.1	203.2	196.3	189.4	201.8	212.9	225.3	236.4	244.7	251.6
27.5°	210.1	215.7	221.2	225.3	230.9	237.8	244.7	251.6	258.5	271.0	282.0
30°	237.8	244.7	251.6	257.1	264.1	282.0	298.6	316.6	333.2	341.5	349.8
32.5°	255.8	269.6	282.0	295.8	308.3	318.0	327.6	337.3	347.0	355.3	365.0
35°	282.0	293.1	302.8	313.8	323.5	334.6	345.6	355.3	366.4	374.6	382.9
37.5°	293.1	305.5	318.0	329.0	341.5	355.3	367.7	381.6	394.0	400.9	406.4
40°	309.7	324.9	340.1	355.3	370.5	384.3	398.1	412.0	425.8	431.3	436.9
42.5°	335.9	352.5	369.1	384.3	400.9	416.1	429.9	445.2	459.0	464.5	470.0
45°	367.7	384.3	400.9	417.5	434.1	450.7	467.3	483.9	500.5	507.4	514.3
47.5°	407.8	424.4	442.4	459.0	475.6	496.3	515.7	536.4	555.8	561.3	566.8
50°	452.1	468.7	485.2	501.8	518.4	544.7	569.6	595.8	620.7	623.5	627.6
52.5°	508.7	525.3	540.5	557.1	572.3	601.4	630.4	658.1	687.1	688.5	691.2
55°	576.5	591.7	608.3	623.5	638.7	670.5	700.9	732.7	763.1	763.1	764.5
57.5°	660.8	677.4	694.0	709.2	725.8	756.2	786.6	815.7	846.1	844.7	843.3
60°	756.2	771.4	785.2	800.4	814.3	843.3	873.7	902.7	931.8	929.0	924.9
62.5°	854.4	871.0	887.5	902.7	919.3	942.8	967.7	991.2	1014.7	1009.2	1003.7
65°	962.2	978.8	996.8	1013.3	1029.9	1047.9	1067.3	1085.2	1103.2	1097.7	1093.5
67.5°	1063.1	1082.5	1101.8	1119.8	1139.2	1153.0	1166.8	1179.2	1193.1	1186.2	1179.2
70°	1146.1	1162.7	1179.2	1195.8	1212.4	1226.2	1240.1	1253.9	1267.7	1260.8	1253.9
72.5°	*1175.1*	*1194.4*	*1213.8*	*1231.8*	*1251.1*	*1267.7*	*1284.3*	*1300.9*	*1317.5*	*1313.3*	*1307.8*
75°	1162.7	1176.5	1190.3	1204.1	1218.0	1230.4	1244.2	1256.7	1269.1	1262.2	1255.3
77.5°	1074.2	1072.8	1070.0	1068.6	1065.9	1065.9	1067.3	1067.3	1067.3	1059.0	1050.7
80°	869.6	844.7	819.8	794.9	770.0	741.0	712.0	682.9	653.9	626.3	598.6
82.5°	482.5	425.8	370.5	313.8	257.1	233.6	208.8	185.3	160.4	149.3	136.9
85°	152.1	132.7	113.4	94.0	74.7	70.5	66.4	60.8	56.7	52.5	48.4
87.5°	12.4	11.1	11.1	9.7	8.3	6.9	6.9	5.5	4.1	4.1	4.1
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: P560221
CATALOG NUMBER: SDL-PA1-30-750-U-5WQ

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	340.1	340.1	340.1	340.1	340.1	340.1	340.1	340.1	340.1	340.1	340.1
2.5°	335.9	335.9	335.9	335.9	335.9	335.9	335.9	335.9	334.6	334.6	334.6
5°	329.0	329.0	329.0	329.0	329.0	329.0	329.0	327.6	327.6	326.3	323.5
7.5°	283.4	284.8	284.8	283.4	284.8	284.8	283.4	283.4	282.0	280.6	275.1
10°	240.5	247.5	247.5	247.5	247.5	247.5	240.5	233.6	225.3	218.4	217.0
12.5°	204.6	211.5	211.5	211.5	211.5	211.5	204.6	197.7	190.8	183.9	188.0
15°	226.7	236.4	236.4	236.4	236.4	236.4	226.7	217.0	206.0	196.3	190.8
17.5°	199.1	203.2	204.6	204.6	204.6	203.2	199.1	193.5	189.4	183.9	183.9
20°	229.5	240.5	241.9	243.3	241.9	240.5	229.5	219.8	208.8	197.7	190.8
22.5°	192.2	192.2	193.5	193.5	193.5	192.2	192.2	193.5	193.5	193.5	197.7
25°	259.9	266.8	266.8	265.4	266.8	266.8	259.9	251.6	244.7	236.4	225.3
27.5°	294.5	305.5	308.3	309.7	308.3	305.5	294.5	282.0	271.0	258.5	251.6
30°	358.1	366.4	366.4	366.4	366.4	366.4	358.1	349.8	341.5	333.2	316.6
32.5°	373.3	381.6	381.6	381.6	381.6	381.6	373.3	365.0	355.3	347.0	337.3
35°	389.9	398.1	399.5	399.5	399.5	398.1	389.9	382.9	374.6	366.4	355.3
37.5°	413.4	418.9	420.3	421.7	420.3	418.9	413.4	406.4	400.9	394.0	381.6
40°	441.0	446.5	446.5	446.5	446.5	446.5	441.0	436.9	431.3	425.8	412.0
42.5°	475.6	481.1	482.5	483.9	482.5	481.1	475.6	470.0	464.5	459.0	445.2
45°	519.8	526.7	528.1	529.5	528.1	526.7	519.8	514.3	507.4	500.5	483.9
47.5°	572.3	577.9	577.9	577.9	577.9	577.9	572.3	566.8	561.3	555.8	536.4
50°	630.4	633.2	634.6	634.6	634.6	633.2	630.4	627.6	623.5	620.7	595.8
52.5°	692.6	694.0	694.0	692.6	694.0	694.0	692.6	691.2	688.5	687.1	658.1
55°	764.5	764.5	763.1	760.4	763.1	764.5	764.5	764.5	763.1	763.1	732.7
57.5°	841.9	840.5	840.5	839.2	840.5	840.5	841.9	843.3	844.7	846.1	815.7
60°	922.1	918.0	916.6	913.8	916.6	918.0	922.1	924.9	929.0	931.8	902.7
62.5°	998.1	992.6	992.6	992.6	992.6	992.6	998.1	1003.7	1009.2	1014.7	991.2
65°	1088.0	1082.5	1079.7	1076.9	1079.7	1082.5	1088.0	1093.5	1097.7	1103.2	1085.2
67.5°	1172.3	1165.4	1162.7	1158.5	1162.7	1165.4	1172.3	1179.2	1186.2	1193.1	1179.2
70°	1245.6	1238.7	1237.3	1235.9	1237.3	1238.7	1245.6	1253.9	1260.8	1267.7	1253.9
72.5°	*1303.7*	*1298.1*	*1296.8*	*1294.0*	*1296.8*	*1298.1*	*1303.7*	*1307.8*	*1313.3*	*1317.5*	*1300.9*
75°	1248.4	1241.5	1237.3	1231.8	1237.3	1241.5	1248.4	1255.3	1262.2	1269.1	1256.7
77.5°	1042.4	1034.1	1031.3	1027.2	1031.3	1034.1	1042.4	1050.7	1059.0	1067.3	1067.3
80°	571.0	543.3	536.4	528.1	536.4	543.3	571.0	598.6	626.3	653.9	682.9
82.5°	125.8	113.4	109.2	103.7	109.2	113.4	125.8	136.9	149.3	160.4	185.3
85°	42.9	38.7	35.9	33.2	35.9	38.7	42.9	48.4	52.5	56.7	60.8
87.5°	4.1	4.1	4.1	2.8	4.1	4.1	4.1	4.1	4.1	4.1	5.5
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: P560221
CATALOG NUMBER: SDL-PA1-30-750-U-5WQ

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	340.1	340.1	340.1	340.1	340.1	340.1	340.1	340.1	340.1	340.1	340.1
2.5°	335.9	335.9	335.9	335.9	334.6	334.6	333.2	333.2	331.8	331.8	330.4
5°	320.7	316.6	313.8	308.3	301.4	295.8	288.9	287.6	286.2	284.8	283.4
7.5°	269.6	262.7	257.1	261.3	264.1	268.2	271.0	272.3	273.7	273.7	275.1
10°	215.7	212.9	211.5	214.3	215.7	218.4	219.8	224.0	228.1	230.9	235.0
12.5°	193.5	197.7	201.8	200.5	199.1	197.7	196.3	199.1	201.8	204.6	207.4
15°	185.3	179.7	174.2	174.2	174.2	172.8	172.8	174.2	177.0	178.3	179.7
17.5°	182.5	182.5	181.1	183.9	188.0	190.8	193.5	186.6	179.7	171.4	164.5
20°	183.9	177.0	170.0	174.2	178.3	181.1	185.3	190.8	194.9	200.5	204.6
22.5°	203.2	207.4	211.5	204.6	196.3	189.4	181.1	188.0	196.3	203.2	210.1
25°	212.9	201.8	189.4	196.3	203.2	210.1	217.0	211.5	206.0	200.5	194.9
27.5°	244.7	237.8	230.9	225.3	221.2	215.7	210.1	217.0	224.0	230.9	237.8
30°	298.6	282.0	264.1	257.1	251.6	244.7	237.8	235.0	232.3	228.1	225.3
32.5°	327.6	318.0	308.3	295.8	282.0	269.6	255.8	255.8	255.8	254.4	254.4
35°	345.6	334.6	323.5	313.8	302.8	293.1	282.0	279.3	276.5	273.7	271.0
37.5°	367.7	355.3	341.5	329.0	318.0	305.5	293.1	293.1	293.1	293.1	293.1
40°	398.1	384.3	370.5	355.3	340.1	324.9	309.7	311.1	313.8	315.2	316.6
42.5°	429.9	416.1	400.9	384.3	369.1	352.5	335.9	337.3	340.1	341.5	342.9
45°	467.3	450.7	434.1	417.5	400.9	384.3	367.7	370.5	371.9	374.6	376.0
47.5°	515.7	496.3	475.6	459.0	442.4	424.4	407.8	412.0	414.7	418.9	421.7
50°	569.6	544.7	518.4	501.8	485.2	468.7	452.1	457.6	463.1	468.7	474.2
52.5°	630.4	601.4	572.3	557.1	540.5	525.3	508.7	514.3	521.2	526.7	532.2
55°	700.9	670.5	638.7	623.5	608.3	591.7	576.5	584.8	593.1	601.4	609.7
57.5°	786.6	756.2	725.8	709.2	694.0	677.4	660.8	671.9	684.3	695.4	706.4
60°	873.7	843.3	814.3	800.4	785.2	771.4	756.2	770.0	785.2	799.1	812.9
62.5°	967.7	942.8	919.3	902.7	887.5	871.0	854.4	875.1	895.8	916.6	937.3
65°	1067.3	1047.9	1029.9	1013.3	996.8	978.8	962.2	987.1	1012.0	1036.8	1061.7
67.5°	1166.8	1153.0	1139.2	1119.8	1101.8	1082.5	1063.1	1089.4	1114.3	1140.5	1165.4
70°	1240.1	1226.2	1212.4	1195.8	1179.2	1162.7	1146.1	1169.6	1193.1	1216.6	1240.1
72.5°	*1284.3*	*1267.7*	*1251.1*	*1231.8*	*1213.8*	*1194.4*	*1175.1*	*1204.1*	*1234.5*	*1263.6*	*1292.6*
75°	1244.2	1230.4	1218.0	1204.1	1190.3	1176.5	1162.7	1202.7	1241.5	1281.5	1320.3
77.5°	1067.3	1065.9	1065.9	1068.6	1070.0	1072.8	1074.2	1130.9	1186.2	1242.8	1298.1
80°	712.0	741.0	770.0	794.9	819.8	844.7	869.6	934.5	999.5	1063.1	1128.1
82.5°	208.8	233.6	257.1	313.8	370.5	425.8	482.5	554.4	627.6	699.5	771.4
85°	66.4	70.5	74.7	94.0	113.4	132.7	152.1	181.1	210.1	239.2	268.2
87.5°	6.9	6.9	8.3	9.7	11.1	11.1	12.4	12.4	11.1	11.1	9.7
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: P560221
CATALOG NUMBER: SDL-PA1-30-750-U-5WQ

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	340.1	340.1	340.1	340.1	340.1	340.1	340.1	340.1	340.1	340.1	340.1
2.5°	329.0	327.6	326.3	324.9	323.5	322.1	319.3	318.0	313.8	309.7	305.5
5°	283.4	283.4	283.4	283.4	283.4	283.4	283.4	283.4	283.4	283.4	283.4
7.5°	275.1	276.5	276.5	276.5	275.1	273.7	272.3	271.0	269.6	269.6	268.2
10°	235.0	235.0	233.6	233.6	240.5	248.8	255.8	262.7	265.4	268.2	269.6
12.5°	217.0	226.7	235.0	244.7	250.2	257.1	262.7	268.2	266.8	265.4	264.1
15°	185.3	189.4	194.9	199.1	207.4	215.7	222.6	230.9	240.5	251.6	261.3
17.5°	178.3	192.2	206.0	219.8	226.7	235.0	241.9	248.8	251.6	255.8	258.5
20°	206.0	206.0	207.4	207.4	207.4	206.0	206.0	204.6	221.2	239.2	255.8
22.5°	207.4	204.6	201.8	199.1	211.5	222.6	235.0	246.1	244.7	243.3	241.9
25°	206.0	218.4	229.5	240.5	236.4	233.6	229.5	225.3	240.5	254.4	269.6
27.5°	233.6	230.9	226.7	222.6	230.9	240.5	248.8	257.1	254.4	251.6	247.5
30°	232.3	237.8	244.7	250.2	248.8	248.8	247.5	246.1	261.3	275.1	290.3
32.5°	254.4	255.8	255.8	255.8	265.4	273.7	283.4	291.7	298.6	306.9	313.8
35°	273.7	276.5	277.9	280.6	293.1	305.5	316.6	329.0	342.9	356.7	370.5
37.5°	294.5	297.2	298.6	300.0	313.8	326.3	340.1	352.5	367.7	382.9	396.8
40°	319.3	323.5	326.3	329.0	341.5	353.9	366.4	378.8	395.4	412.0	427.2
42.5°	348.4	352.5	358.1	362.2	376.0	388.5	402.3	414.7	431.3	446.5	463.1
45°	381.6	387.1	391.2	396.8	414.7	431.3	449.3	465.9	481.1	494.9	510.1
47.5°	425.8	428.6	432.7	435.5	454.8	474.2	492.2	511.5	526.7	541.9	555.8
50°	475.6	475.6	477.0	477.0	501.8	525.3	550.2	573.7	587.5	602.8	616.6
52.5°	535.0	537.8	539.2	541.9	566.8	590.3	615.2	638.7	652.5	667.7	681.6
55°	611.0	612.4	612.4	613.8	638.7	663.6	688.5	713.4	727.2	741.0	754.8
57.5°	706.4	705.1	705.1	703.7	728.6	753.4	776.9	801.8	815.7	829.5	843.3
60°	808.7	804.6	799.1	794.9	822.6	851.6	879.2	906.9	919.3	931.8	944.2
62.5°	929.0	922.1	913.8	905.5	934.5	962.2	991.2	1018.9	1028.6	1036.8	1046.5
65°	1046.5	1031.3	1014.7	999.5	1032.7	1065.9	1099.1	1132.2	1139.2	1146.1	1151.6
67.5°	1147.4	1129.5	1111.5	1093.5	1132.2	1170.9	1208.3	1247.0	1249.7	1252.5	1255.3
70°	1222.1	1204.1	1186.2	1168.2	1215.2	1262.2	1309.2	1356.2	1357.6	1359.0	1360.3
72.5°	*1274.6*	*1256.7*	*1237.3*	*1219.3*	*1267.7*	*1314.7*	*1363.1*	*1410.1*	*1414.3*	*1417.0*	*1421.2*
75°	1294.0	1267.7	1241.5	1215.2	1258.0	1299.5	1342.4	1383.8	1379.7	1375.6	1370.0
77.5°	1251.1	1204.1	1157.1	1110.1	1130.9	1151.6	1170.9	1191.7	1169.6	1146.1	1123.9
80°	1060.4	994.0	926.3	858.5	844.7	830.9	815.7	801.8	760.4	718.9	676.0
82.5°	703.7	637.3	569.6	501.8	459.0	417.5	374.6	331.8	294.5	257.1	218.4
85°	233.6	199.1	164.5	130.0	116.1	103.7	89.9	76.0	70.5	65.0	59.4
87.5°	11.1	12.4	12.4	13.8	12.4	12.4	11.1	9.7	8.3	8.3	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: P560221
CATALOG NUMBER: SDL-PA1-30-750-U-5WQ

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	340.1	340.1	340.1	340.1	340.1	340.1	340.1	340.1	340.1	340.1	340.1
2.5°	301.4	301.4	302.8	302.8	302.8	302.8	301.4	302.8	302.8	302.8	302.8
5°	283.4	283.4	284.8	284.8	284.8	284.8	284.8	284.8	284.8	284.8	284.8
7.5°	266.8	262.7	257.1	253.0	247.5	246.1	243.3	246.1	247.5	253.0	257.1
10°	272.3	272.3	273.7	273.7	273.7	273.7	273.7	273.7	273.7	273.7	273.7
12.5°	262.7	257.1	250.2	244.7	237.8	239.2	240.5	239.2	237.8	244.7	250.2
15°	271.0	272.3	273.7	275.1	276.5	276.5	276.5	276.5	276.5	275.1	273.7
17.5°	261.3	255.8	248.8	243.3	236.4	236.4	235.0	236.4	236.4	243.3	248.8
20°	272.3	275.1	277.9	279.3	282.0	282.0	282.0	282.0	282.0	279.3	277.9
22.5°	240.5	240.5	240.5	239.2	239.2	239.2	239.2	239.2	239.2	239.2	240.5
25°	283.4	286.2	288.9	290.3	293.1	293.1	291.7	293.1	293.1	290.3	288.9
27.5°	244.7	246.1	248.8	250.2	251.6	251.6	251.6	251.6	251.6	250.2	248.8
30°	304.1	305.5	306.9	306.9	308.3	308.3	308.3	308.3	308.3	306.9	306.9
32.5°	320.7	333.2	347.0	359.4	371.9	373.3	374.6	373.3	371.9	359.4	347.0
35°	384.3	387.1	391.2	394.0	396.8	398.1	398.1	398.1	396.8	394.0	391.2
37.5°	412.0	414.7	416.1	418.9	420.3	421.7	421.7	421.7	420.3	418.9	416.1
40°	443.8	446.5	447.9	450.7	452.1	452.1	450.7	452.1	452.1	450.7	447.9
42.5°	478.3	479.7	482.5	483.9	485.2	486.6	486.6	486.6	485.2	483.9	482.5
45°	524.0	525.3	526.7	526.7	528.1	529.5	529.5	529.5	528.1	526.7	526.7
47.5°	571.0	573.7	575.1	577.9	579.3	580.6	582.0	580.6	579.3	577.9	575.1
50°	630.4	631.8	634.6	635.9	637.3	637.3	637.3	637.3	637.3	635.9	634.6
52.5°	695.4	696.8	696.8	698.1	698.1	698.1	696.8	698.1	698.1	698.1	696.8
55°	768.7	768.7	768.7	767.3	767.3	767.3	767.3	767.3	767.3	767.3	768.7
57.5°	857.1	857.1	857.1	857.1	857.1	853.0	847.5	853.0	857.1	857.1	857.1
60°	956.7	953.9	949.8	947.0	942.8	941.5	940.1	941.5	942.8	947.0	949.8
62.5°	1054.8	1050.7	1045.1	1041.0	1035.5	1034.1	1031.3	1034.1	1035.5	1041.0	1045.1
65°	1158.5	1151.6	1144.7	1136.4	1129.5	1128.1	1125.3	1128.1	1129.5	1136.4	1144.7
67.5°	1258.0	1251.1	1244.2	1235.9	1229.0	1227.6	1224.9	1227.6	1229.0	1235.9	1244.2
70°	1361.7	1354.8	1347.9	1339.6	1332.7	1332.7	1331.3	1332.7	1332.7	1339.6	1347.9
72.5°	*1423.9*	*1417.0*	*1411.5*	*1404.6*	*1397.7*	*1393.5*	*1389.4*	*1393.5*	*1397.7*	*1404.6*	*1411.5*
75°	1365.9	1354.8	1343.8	1331.3	1320.3	1317.5	1314.7	1317.5	1320.3	1331.3	1343.8
77.5°	1100.4	1089.4	1076.9	1065.9	1053.4	1042.4	1029.9	1042.4	1053.4	1065.9	1076.9
80°	634.6	606.9	579.3	551.6	524.0	517.0	510.1	517.0	524.0	551.6	579.3
82.5°	181.1	167.3	152.1	138.2	123.0	123.0	123.0	123.0	123.0	138.2	152.1
85°	53.9	47.0	41.5	34.6	27.6	26.3	24.9	26.3	27.6	34.6	41.5
87.5°	5.5	5.5	5.5	4.1	4.1	4.1	4.1	4.1	4.1	4.1	5.5
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: P560221
CATALOG NUMBER: SDL-PA1-30-750-U-5WQ

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	340.1	340.1	340.1	340.1	340.1	340.1	340.1	340.1	340.1	340.1	340.1
2.5°	301.4	301.4	305.5	309.7	313.8	318.0	319.3	322.1	323.5	324.9	326.3
5°	283.4	283.4	283.4	283.4	283.4	283.4	283.4	283.4	283.4	283.4	283.4
7.5°	262.7	266.8	268.2	269.6	269.6	271.0	272.3	273.7	275.1	276.5	276.5
10°	272.3	272.3	269.6	268.2	265.4	262.7	255.8	248.8	240.5	233.6	233.6
12.5°	257.1	262.7	264.1	265.4	266.8	268.2	262.7	257.1	250.2	244.7	235.0
15°	272.3	271.0	261.3	251.6	240.5	230.9	222.6	215.7	207.4	199.1	194.9
17.5°	255.8	261.3	258.5	255.8	251.6	248.8	241.9	235.0	226.7	219.8	206.0
20°	275.1	272.3	255.8	239.2	221.2	204.6	206.0	206.0	207.4	207.4	207.4
22.5°	240.5	240.5	241.9	243.3	244.7	246.1	235.0	222.6	211.5	199.1	201.8
25°	286.2	283.4	269.6	254.4	240.5	225.3	229.5	233.6	236.4	240.5	229.5
27.5°	246.1	244.7	247.5	251.6	254.4	257.1	248.8	240.5	230.9	222.6	226.7
30°	305.5	304.1	290.3	275.1	261.3	246.1	247.5	248.8	248.8	250.2	244.7
32.5°	333.2	320.7	313.8	306.9	298.6	291.7	283.4	273.7	265.4	255.8	255.8
35°	387.1	384.3	370.5	356.7	342.9	329.0	316.6	305.5	293.1	280.6	277.9
37.5°	414.7	412.0	396.8	382.9	367.7	352.5	340.1	326.3	313.8	300.0	298.6
40°	446.5	443.8	427.2	412.0	395.4	378.8	366.4	353.9	341.5	329.0	326.3
42.5°	479.7	478.3	463.1	446.5	431.3	414.7	402.3	388.5	376.0	362.2	358.1
45°	525.3	524.0	510.1	494.9	481.1	465.9	449.3	431.3	414.7	396.8	391.2
47.5°	573.7	571.0	555.8	541.9	526.7	511.5	492.2	474.2	454.8	435.5	432.7
50°	631.8	630.4	616.6	602.8	587.5	573.7	550.2	525.3	501.8	477.0	477.0
52.5°	696.8	695.4	681.6	667.7	652.5	638.7	615.2	590.3	566.8	541.9	539.2
55°	768.7	768.7	754.8	741.0	727.2	713.4	688.5	663.6	638.7	613.8	612.4
57.5°	857.1	857.1	843.3	829.5	815.7	801.8	776.9	753.4	728.6	703.7	705.1
60°	953.9	956.7	944.2	931.8	919.3	906.9	879.2	851.6	822.6	794.9	799.1
62.5°	1050.7	1054.8	1046.5	1036.8	1028.6	1018.9	991.2	962.2	934.5	905.5	913.8
65°	1151.6	1158.5	1151.6	1146.1	1139.2	1132.2	1099.1	1065.9	1032.7	999.5	1014.7
67.5°	1251.1	1258.0	1255.3	1252.5	1249.7	1247.0	1208.3	1170.9	1132.2	1093.5	1111.5
70°	1354.8	1361.7	1360.3	1359.0	1357.6	1356.2	1309.2	1262.2	1215.2	1168.2	1186.2
72.5°	*1417.0*	*1423.9*	*1421.2*	*1417.0*	*1414.3*	*1410.1*	*1363.1*	*1314.7*	*1267.7*	*1219.3*	*1237.3*
75°	1354.8	1365.9	1370.0	1375.6	1379.7	1383.8	1342.4	1299.5	1258.0	1215.2	1241.5
77.5°	1089.4	1100.4	1123.9	1146.1	1169.6	1191.7	1170.9	1151.6	1130.9	1110.1	1157.1
80°	606.9	634.6	676.0	718.9	760.4	801.8	815.7	830.9	844.7	858.5	926.3
82.5°	167.3	181.1	218.4	257.1	294.5	331.8	374.6	417.5	459.0	501.8	569.6
85°	47.0	53.9	59.4	65.0	70.5	76.0	89.9	103.7	116.1	130.0	164.5
87.5°	5.5	5.5	6.9	8.3	8.3	9.7	11.1	12.4	12.4	13.8	12.4
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: P560221
CATALOG NUMBER: SDL-PA1-30-750-U-5WQ

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	340.1	340.1	340.1	340.1	340.1	340.1	340.1	340.1	340.1	340.1	340.1
2.5°	327.6	329.0	330.4	331.8	331.8	333.2	333.2	334.6	334.6	335.9	335.9
5°	283.4	283.4	283.4	284.8	286.2	287.6	288.9	295.8	301.4	308.3	313.8
7.5°	276.5	275.1	275.1	273.7	273.7	272.3	271.0	268.2	264.1	261.3	257.1
10°	235.0	235.0	235.0	230.9	228.1	224.0	219.8	218.4	215.7	214.3	211.5
12.5°	226.7	217.0	207.4	204.6	201.8	199.1	196.3	197.7	199.1	200.5	201.8
15°	189.4	185.3	179.7	178.3	177.0	174.2	172.8	172.8	174.2	174.2	174.2
17.5°	192.2	178.3	164.5	171.4	179.7	186.6	193.5	190.8	188.0	183.9	181.1
20°	206.0	206.0	204.6	200.5	194.9	190.8	185.3	181.1	178.3	174.2	170.0
22.5°	204.6	207.4	210.1	203.2	196.3	188.0	181.1	189.4	196.3	204.6	211.5
25°	218.4	206.0	194.9	200.5	206.0	211.5	217.0	210.1	203.2	196.3	189.4
27.5°	230.9	233.6	237.8	230.9	224.0	217.0	210.1	215.7	221.2	225.3	230.9
30°	237.8	232.3	225.3	228.1	232.3	235.0	237.8	244.7	251.6	257.1	264.1
32.5°	255.8	254.4	254.4	254.4	255.8	255.8	255.8	269.6	282.0	295.8	308.3
35°	276.5	273.7	271.0	273.7	276.5	279.3	282.0	293.1	302.8	313.8	323.5
37.5°	297.2	294.5	293.1	293.1	293.1	293.1	293.1	305.5	318.0	329.0	341.5
40°	323.5	319.3	316.6	315.2	313.8	311.1	309.7	324.9	340.1	355.3	370.5
42.5°	352.5	348.4	342.9	341.5	340.1	337.3	335.9	352.5	369.1	384.3	400.9
45°	387.1	381.6	376.0	374.6	371.9	370.5	367.7	384.3	400.9	417.5	434.1
47.5°	428.6	425.8	421.7	418.9	414.7	412.0	407.8	424.4	442.4	459.0	475.6
50°	475.6	475.6	474.2	468.7	463.1	457.6	452.1	468.7	485.2	501.8	518.4
52.5°	537.8	535.0	532.2	526.7	521.2	514.3	508.7	525.3	540.5	557.1	572.3
55°	612.4	611.0	609.7	601.4	593.1	584.8	576.5	591.7	608.3	623.5	638.7
57.5°	705.1	706.4	706.4	695.4	684.3	671.9	660.8	677.4	694.0	709.2	725.8
60°	804.6	808.7	812.9	799.1	785.2	770.0	756.2	771.4	785.2	800.4	814.3
62.5°	922.1	929.0	937.3	916.6	895.8	875.1	854.4	871.0	887.5	902.7	919.3
65°	1031.3	1046.5	1061.7	1036.8	1012.0	987.1	962.2	978.8	996.8	1013.3	1029.9
67.5°	1129.5	1147.4	1165.4	1140.5	1114.3	1089.4	1063.1	1082.5	1101.8	1119.8	1139.2
70°	1204.1	1222.1	1240.1	1216.6	1193.1	1169.6	1146.1	1162.7	1179.2	1195.8	1212.4
72.5°	*1256.7*	*1274.6*	*1292.6*	*1263.6*	*1234.5*	*1204.1*	*1175.1*	*1194.4*	*1213.8*	*1231.8*	*1251.1*
75°	1267.7	1294.0	1320.3	1281.5	1241.5	1202.7	1162.7	1176.5	1190.3	1204.1	1218.0
77.5°	1204.1	1251.1	1298.1	1242.8	1186.2	1130.9	1074.2	1072.8	1070.0	1068.6	1065.9
80°	994.0	1060.4	1128.1	1063.1	999.5	934.5	869.6	844.7	819.8	794.9	770.0
82.5°	637.3	703.7	771.4	699.5	627.6	554.4	482.5	425.8	370.5	313.8	257.1
85°	199.1	233.6	268.2	239.2	210.1	181.1	152.1	132.7	113.4	94.0	74.7
87.5°	12.4	11.1	9.7	11.1	11.1	12.4	12.4	11.1	11.1	9.7	8.3
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: P560221
CATALOG NUMBER: SDL-PA1-30-750-U-5WQ

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	340.1	340.1	340.1	340.1	340.1	340.1	340.1	340.1	340.1	340.1	340.1
2.5°	335.9	335.9	334.6	334.6	334.6	335.9	335.9	335.9	335.9	335.9	335.9
5°	316.6	320.7	323.5	326.3	327.6	327.6	329.0	329.0	329.0	329.0	329.0
7.5°	262.7	269.6	275.1	280.6	282.0	283.4	283.4	284.8	284.8	283.4	284.8
10°	212.9	215.7	217.0	218.4	225.3	233.6	240.5	247.5	247.5	247.5	247.5
12.5°	197.7	193.5	188.0	183.9	190.8	197.7	204.6	211.5	211.5	211.5	211.5
15°	179.7	185.3	190.8	196.3	206.0	217.0	226.7	236.4	236.4	236.4	236.4
17.5°	182.5	182.5	183.9	183.9	189.4	193.5	199.1	203.2	204.6	204.6	204.6
20°	177.0	183.9	190.8	197.7	208.8	219.8	229.5	240.5	241.9	243.3	241.9
22.5°	207.4	203.2	197.7	193.5	193.5	193.5	192.2	192.2	193.5	193.5	193.5
25°	201.8	212.9	225.3	236.4	244.7	251.6	259.9	266.8	266.8	265.4	266.8
27.5°	237.8	244.7	251.6	258.5	271.0	282.0	294.5	305.5	308.3	309.7	308.3
30°	282.0	298.6	316.6	333.2	341.5	349.8	358.1	366.4	366.4	366.4	366.4
32.5°	318.0	327.6	337.3	347.0	355.3	365.0	373.3	381.6	381.6	381.6	381.6
35°	334.6	345.6	355.3	366.4	374.6	382.9	389.9	398.1	399.5	399.5	399.5
37.5°	355.3	367.7	381.6	394.0	400.9	406.4	413.4	418.9	420.3	421.7	420.3
40°	384.3	398.1	412.0	425.8	431.3	436.9	441.0	446.5	446.5	446.5	446.5
42.5°	416.1	429.9	445.2	459.0	464.5	470.0	475.6	481.1	482.5	483.9	482.5
45°	450.7	467.3	483.9	500.5	507.4	514.3	519.8	526.7	528.1	529.5	528.1
47.5°	496.3	515.7	536.4	555.8	561.3	566.8	572.3	577.9	577.9	577.9	577.9
50°	544.7	569.6	595.8	620.7	623.5	627.6	630.4	633.2	634.6	634.6	634.6
52.5°	601.4	630.4	658.1	687.1	688.5	691.2	692.6	694.0	694.0	692.6	694.0
55°	670.5	700.9	732.7	763.1	763.1	764.5	764.5	764.5	763.1	760.4	763.1
57.5°	756.2	786.6	815.7	846.1	844.7	843.3	841.9	840.5	840.5	839.2	840.5
60°	843.3	873.7	902.7	931.8	929.0	924.9	922.1	918.0	916.6	913.8	916.6
62.5°	942.8	967.7	991.2	1014.7	1009.2	1003.7	998.1	992.6	992.6	992.6	992.6
65°	1047.9	1067.3	1085.2	1103.2	1097.7	1093.5	1088.0	1082.5	1079.7	1076.9	1079.7
67.5°	1153.0	1166.8	1179.2	1193.1	1186.2	1179.2	1172.3	1165.4	1162.7	1158.5	1162.7
70°	1226.2	1240.1	1253.9	1267.7	1260.8	1253.9	1245.6	1238.7	1237.3	1235.9	1237.3
72.5°	*1267.7*	*1284.3*	*1300.9*	*1317.5*	*1313.3*	*1307.8*	*1303.7*	*1298.1*	*1296.8*	*1294.0*	*1296.8*
75°	1230.4	1244.2	1256.7	1269.1	1262.2	1255.3	1248.4	1241.5	1237.3	1231.8	1237.3
77.5°	1065.9	1067.3	1067.3	1067.3	1059.0	1050.7	1042.4	1034.1	1031.3	1027.2	1031.3
80°	741.0	712.0	682.9	653.9	626.3	598.6	571.0	543.3	536.4	528.1	536.4
82.5°	233.6	208.8	185.3	160.4	149.3	136.9	125.8	113.4	109.2	103.7	109.2
85°	70.5	66.4	60.8	56.7	52.5	48.4	42.9	38.7	35.9	33.2	35.9
87.5°	6.9	6.9	5.5	4.1	4.1	4.1	4.1	4.1	4.1	2.8	4.1
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: P560221
CATALOG NUMBER: SDL-PA1-30-750-U-5WQ

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	340.1	340.1	340.1	340.1	340.1	340.1	340.1	340.1	340.1	340.1	340.1
2.5°	335.9	335.9	335.9	334.6	334.6	334.6	335.9	335.9	335.9	335.9	334.6
5°	329.0	329.0	327.6	327.6	326.3	323.5	320.7	316.6	313.8	308.3	301.4
7.5°	284.8	283.4	283.4	282.0	280.6	275.1	269.6	262.7	257.1	261.3	264.1
10°	247.5	240.5	233.6	225.3	218.4	217.0	215.7	212.9	211.5	214.3	215.7
12.5°	211.5	204.6	197.7	190.8	183.9	188.0	193.5	197.7	201.8	200.5	199.1
15°	236.4	226.7	217.0	206.0	196.3	190.8	185.3	179.7	174.2	174.2	174.2
17.5°	203.2	199.1	193.5	189.4	183.9	183.9	182.5	182.5	181.1	183.9	188.0
20°	240.5	229.5	219.8	208.8	197.7	190.8	183.9	177.0	170.0	174.2	178.3
22.5°	192.2	192.2	193.5	193.5	193.5	197.7	203.2	207.4	211.5	204.6	196.3
25°	266.8	259.9	251.6	244.7	236.4	225.3	212.9	201.8	189.4	196.3	203.2
27.5°	305.5	294.5	282.0	271.0	258.5	251.6	244.7	237.8	230.9	225.3	221.2
30°	366.4	358.1	349.8	341.5	333.2	316.6	298.6	282.0	264.1	257.1	251.6
32.5°	381.6	373.3	365.0	355.3	347.0	337.3	327.6	318.0	308.3	295.8	282.0
35°	398.1	389.9	382.9	374.6	366.4	355.3	345.6	334.6	323.5	313.8	302.8
37.5°	418.9	413.4	406.4	400.9	394.0	381.6	367.7	355.3	341.5	329.0	318.0
40°	446.5	441.0	436.9	431.3	425.8	412.0	398.1	384.3	370.5	355.3	340.1
42.5°	481.1	475.6	470.0	464.5	459.0	445.2	429.9	416.1	400.9	384.3	369.1
45°	526.7	519.8	514.3	507.4	500.5	483.9	467.3	450.7	434.1	417.5	400.9
47.5°	577.9	572.3	566.8	561.3	555.8	536.4	515.7	496.3	475.6	459.0	442.4
50°	633.2	630.4	627.6	623.5	620.7	595.8	569.6	544.7	518.4	501.8	485.2
52.5°	694.0	692.6	691.2	688.5	687.1	658.1	630.4	601.4	572.3	557.1	540.5
55°	764.5	764.5	764.5	763.1	763.1	732.7	700.9	670.5	638.7	623.5	608.3
57.5°	840.5	841.9	843.3	844.7	846.1	815.7	786.6	756.2	725.8	709.2	694.0
60°	918.0	922.1	924.9	929.0	931.8	902.7	873.7	843.3	814.3	800.4	785.2
62.5°	992.6	998.1	1003.7	1009.2	1014.7	991.2	967.7	942.8	919.3	902.7	887.5
65°	1082.5	1088.0	1093.5	1097.7	1103.2	1085.2	1067.3	1047.9	1029.9	1013.3	996.8
67.5°	1165.4	1172.3	1179.2	1186.2	1193.1	1179.2	1166.8	1153.0	1139.2	1119.8	1101.8
70°	1238.7	1245.6	1253.9	1260.8	1267.7	1253.9	1240.1	1226.2	1212.4	1195.8	1179.2
72.5°	*1298.1*	*1303.7*	*1307.8*	*1313.3*	*1317.5*	*1300.9*	*1284.3*	*1267.7*	*1251.1*	*1231.8*	*1213.8*
75°	1241.5	1248.4	1255.3	1262.2	1269.1	1256.7	1244.2	1230.4	1218.0	1204.1	1190.3
77.5°	1034.1	1042.4	1050.7	1059.0	1067.3	1067.3	1067.3	1065.9	1065.9	1068.6	1070.0
80°	543.3	571.0	598.6	626.3	653.9	682.9	712.0	741.0	770.0	794.9	819.8
82.5°	113.4	125.8	136.9	149.3	160.4	185.3	208.8	233.6	257.1	313.8	370.5
85°	38.7	42.9	48.4	52.5	56.7	60.8	66.4	70.5	74.7	94.0	113.4
87.5°	4.1	4.1	4.1	4.1	4.1	5.5	6.9	6.9	8.3	9.7	11.1
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: P560221
CATALOG NUMBER: SDL-PA1-30-750-U-5WQ

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	340.1	340.1	340.1	340.1	340.1	340.1	340.1	340.1	340.1	340.1	340.1
2.5°	334.6	333.2	333.2	331.8	331.8	330.4	329.0	327.6	326.3	324.9	323.5
5°	295.8	288.9	287.6	286.2	284.8	283.4	283.4	283.4	283.4	283.4	283.4
7.5°	268.2	271.0	272.3	273.7	273.7	275.1	275.1	276.5	276.5	276.5	275.1
10°	218.4	219.8	224.0	228.1	230.9	235.0	235.0	235.0	233.6	233.6	240.5
12.5°	197.7	196.3	199.1	201.8	204.6	207.4	217.0	226.7	235.0	244.7	250.2
15°	172.8	172.8	174.2	177.0	178.3	179.7	185.3	189.4	194.9	199.1	207.4
17.5°	190.8	193.5	186.6	179.7	171.4	164.5	178.3	192.2	206.0	219.8	226.7
20°	181.1	185.3	190.8	194.9	200.5	204.6	206.0	206.0	207.4	207.4	207.4
22.5°	189.4	181.1	188.0	196.3	203.2	210.1	207.4	204.6	201.8	199.1	211.5
25°	210.1	217.0	211.5	206.0	200.5	194.9	206.0	218.4	229.5	240.5	236.4
27.5°	215.7	210.1	217.0	224.0	230.9	237.8	233.6	230.9	226.7	222.6	230.9
30°	244.7	237.8	235.0	232.3	228.1	225.3	232.3	237.8	244.7	250.2	248.8
32.5°	269.6	255.8	255.8	255.8	254.4	254.4	254.4	255.8	255.8	255.8	265.4
35°	293.1	282.0	279.3	276.5	273.7	271.0	273.7	276.5	277.9	280.6	293.1
37.5°	305.5	293.1	293.1	293.1	293.1	293.1	294.5	297.2	298.6	300.0	313.8
40°	324.9	309.7	311.1	313.8	315.2	316.6	319.3	323.5	326.3	329.0	341.5
42.5°	352.5	335.9	337.3	340.1	341.5	342.9	348.4	352.5	358.1	362.2	376.0
45°	384.3	367.7	370.5	371.9	374.6	376.0	381.6	387.1	391.2	396.8	414.7
47.5°	424.4	407.8	412.0	414.7	418.9	421.7	425.8	428.6	432.7	435.5	454.8
50°	468.7	452.1	457.6	463.1	468.7	474.2	475.6	475.6	477.0	477.0	501.8
52.5°	525.3	508.7	514.3	521.2	526.7	532.2	535.0	537.8	539.2	541.9	566.8
55°	591.7	576.5	584.8	593.1	601.4	609.7	611.0	612.4	612.4	613.8	638.7
57.5°	677.4	660.8	671.9	684.3	695.4	706.4	706.4	705.1	705.1	703.7	728.6
60°	771.4	756.2	770.0	785.2	799.1	812.9	808.7	804.6	799.1	794.9	822.6
62.5°	871.0	854.4	875.1	895.8	916.6	937.3	929.0	922.1	913.8	905.5	934.5
65°	978.8	962.2	987.1	1012.0	1036.8	1061.7	1046.5	1031.3	1014.7	999.5	1032.7
67.5°	1082.5	1063.1	1089.4	1114.3	1140.5	1165.4	1147.4	1129.5	1111.5	1093.5	1132.2
70°	1162.7	1146.1	1169.6	1193.1	1216.6	1240.1	1222.1	1204.1	1186.2	1168.2	1215.2
72.5°	*1194.4*	*1175.1*	*1204.1*	*1234.5*	*1263.6*	*1292.6*	*1274.6*	*1256.7*	*1237.3*	*1219.3*	*1267.7*
75°	1176.5	1162.7	1202.7	1241.5	1281.5	1320.3	1294.0	1267.7	1241.5	1215.2	1258.0
77.5°	1072.8	1074.2	1130.9	1186.2	1242.8	1298.1	1251.1	1204.1	1157.1	1110.1	1130.9
80°	844.7	869.6	934.5	999.5	1063.1	1128.1	1060.4	994.0	926.3	858.5	844.7
82.5°	425.8	482.5	554.4	627.6	699.5	771.4	703.7	637.3	569.6	501.8	459.0
85°	132.7	152.1	181.1	210.1	239.2	268.2	233.6	199.1	164.5	130.0	116.1
87.5°	11.1	12.4	12.4	11.1	11.1	9.7	11.1	12.4	12.4	13.8	12.4
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: P560221
CATALOG NUMBER: SDL-PA1-30-750-U-5WQ

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	340.1	340.1	340.1	340.1	340.1	340.1	340.1	340.1	340.1	340.1	340.1
2.5°	322.1	319.3	318.0	313.8	309.7	305.5	301.4	301.4	302.8	302.8	302.8
5°	283.4	283.4	283.4	283.4	283.4	283.4	283.4	283.4	284.8	284.8	284.8
7.5°	273.7	272.3	271.0	269.6	269.6	268.2	266.8	262.7	257.1	253.0	247.5
10°	248.8	255.8	262.7	265.4	268.2	269.6	272.3	272.3	273.7	273.7	273.7
12.5°	257.1	262.7	268.2	266.8	265.4	264.1	262.7	257.1	250.2	244.7	237.8
15°	215.7	222.6	230.9	240.5	251.6	261.3	271.0	272.3	273.7	275.1	276.5
17.5°	235.0	241.9	248.8	251.6	255.8	258.5	261.3	255.8	248.8	243.3	236.4
20°	206.0	206.0	204.6	221.2	239.2	255.8	272.3	275.1	277.9	279.3	282.0
22.5°	222.6	235.0	246.1	244.7	243.3	241.9	240.5	240.5	240.5	239.2	239.2
25°	233.6	229.5	225.3	240.5	254.4	269.6	283.4	286.2	288.9	290.3	293.1
27.5°	240.5	248.8	257.1	254.4	251.6	247.5	244.7	246.1	248.8	250.2	251.6
30°	248.8	247.5	246.1	261.3	275.1	290.3	304.1	305.5	306.9	306.9	308.3
32.5°	273.7	283.4	291.7	298.6	306.9	313.8	320.7	333.2	347.0	359.4	371.9
35°	305.5	316.6	329.0	342.9	356.7	370.5	384.3	387.1	391.2	394.0	396.8
37.5°	326.3	340.1	352.5	367.7	382.9	396.8	412.0	414.7	416.1	418.9	420.3
40°	353.9	366.4	378.8	395.4	412.0	427.2	443.8	446.5	447.9	450.7	452.1
42.5°	388.5	402.3	414.7	431.3	446.5	463.1	478.3	479.7	482.5	483.9	485.2
45°	431.3	449.3	465.9	481.1	494.9	510.1	524.0	525.3	526.7	526.7	528.1
47.5°	474.2	492.2	511.5	526.7	541.9	555.8	571.0	573.7	575.1	577.9	579.3
50°	525.3	550.2	573.7	587.5	602.8	616.6	630.4	631.8	634.6	635.9	637.3
52.5°	590.3	615.2	638.7	652.5	667.7	681.6	695.4	696.8	696.8	698.1	698.1
55°	663.6	688.5	713.4	727.2	741.0	754.8	768.7	768.7	768.7	767.3	767.3
57.5°	753.4	776.9	801.8	815.7	829.5	843.3	857.1	857.1	857.1	857.1	857.1
60°	851.6	879.2	906.9	919.3	931.8	944.2	956.7	953.9	949.8	947.0	942.8
62.5°	962.2	991.2	1018.9	1028.6	1036.8	1046.5	1054.8	1050.7	1045.1	1041.0	1035.5
65°	1065.9	1099.1	1132.2	1139.2	1146.1	1151.6	1158.5	1151.6	1144.7	1136.4	1129.5
67.5°	1170.9	1208.3	1247.0	1249.7	1252.5	1255.3	1258.0	1251.1	1244.2	1235.9	1229.0
70°	1262.2	1309.2	1356.2	1357.6	1359.0	1360.3	1361.7	1354.8	1347.9	1339.6	1332.7
72.5°	*1314.7*	*1363.1*	*1410.1*	*1414.3*	*1417.0*	*1421.2*	*1423.9*	*1417.0*	*1411.5*	*1404.6*	*1397.7*
75°	1299.5	1342.4	1383.8	1379.7	1375.6	1370.0	1365.9	1354.8	1343.8	1331.3	1320.3
77.5°	1151.6	1170.9	1191.7	1169.6	1146.1	1123.9	1100.4	1089.4	1076.9	1065.9	1053.4
80°	830.9	815.7	801.8	760.4	718.9	676.0	634.6	606.9	579.3	551.6	524.0
82.5°	417.5	374.6	331.8	294.5	257.1	218.4	181.1	167.3	152.1	138.2	123.0
85°	103.7	89.9	76.0	70.5	65.0	59.4	53.9	47.0	41.5	34.6	27.6
87.5°	12.4	11.1	9.7	8.3	8.3	6.9	5.5	5.5	5.5	4.1	4.1
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: P560221
CATALOG NUMBER: SDL-PA1-30-750-U-5WQ

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	340.1	340.1
2.5°	302.8	301.4
5°	284.8	284.8
7.5°	246.1	243.3
10°	273.7	273.7
12.5°	239.2	240.5
15°	276.5	276.5
17.5°	236.4	235.0
20°	282.0	282.0
22.5°	239.2	239.2
25°	293.1	291.7
27.5°	251.6	251.6
30°	308.3	308.3
32.5°	373.3	374.6
35°	398.1	398.1
37.5°	421.7	421.7
40°	452.1	450.7
42.5°	486.6	486.6
45°	529.5	529.5
47.5°	580.6	582.0
50°	637.3	637.3
52.5°	698.1	696.8
55°	767.3	767.3
57.5°	853.0	847.5
60°	941.5	940.1
62.5°	1034.1	1031.3
65°	1128.1	1125.3
67.5°	1227.6	1224.9
70°	1332.7	1331.3
72.5°	*1393.5*	*1389.4*
75°	1317.5	1314.7
77.5°	1042.4	1029.9
80°	517.0	510.1
82.5°	123.0	123.0
85°	26.3	24.9
87.5°	4.1	4.1
90°	0.0	0.0

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