

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: P560111

Luminaire Tested: **SDL-PA1-20-830-U-5WQ**

Issue Date: 7/26/2021

Test Information

Test Method: LM-79-08
Report Number: P560111
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-PA1-20-830-U-5WQ
Description: Springdale
(1) 80 CRI, 3000K, 260mA LIGHT ENGINE WITH 24 LEDS AND TYPE V WIDE OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2262.4 lumens
Efficiency: N/A
Efficacy: 107.7 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): 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

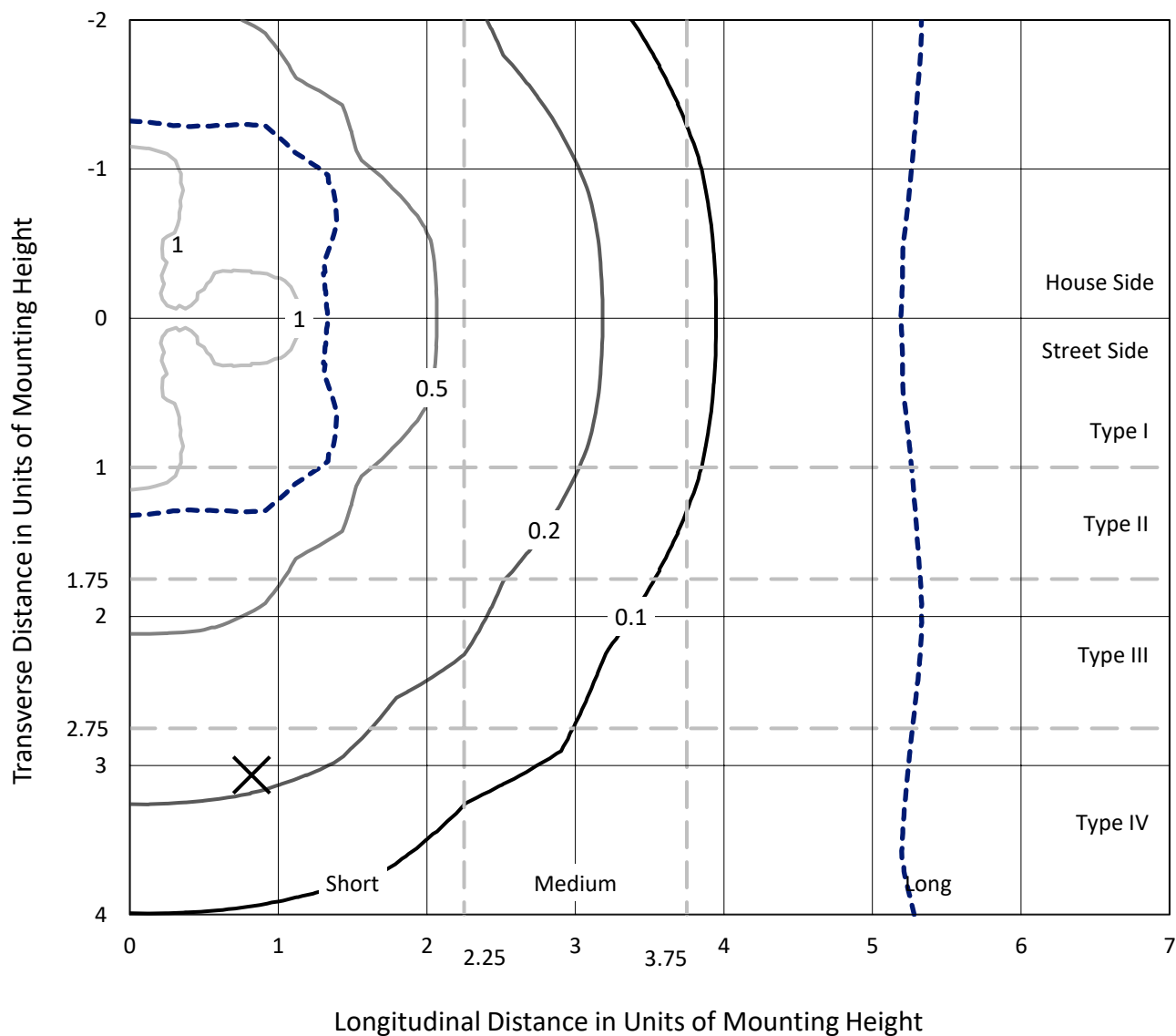


REPORT NUMBER: P560111

CATALOG NUMBER: SDL-PA1-20-830-U-5WQ

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

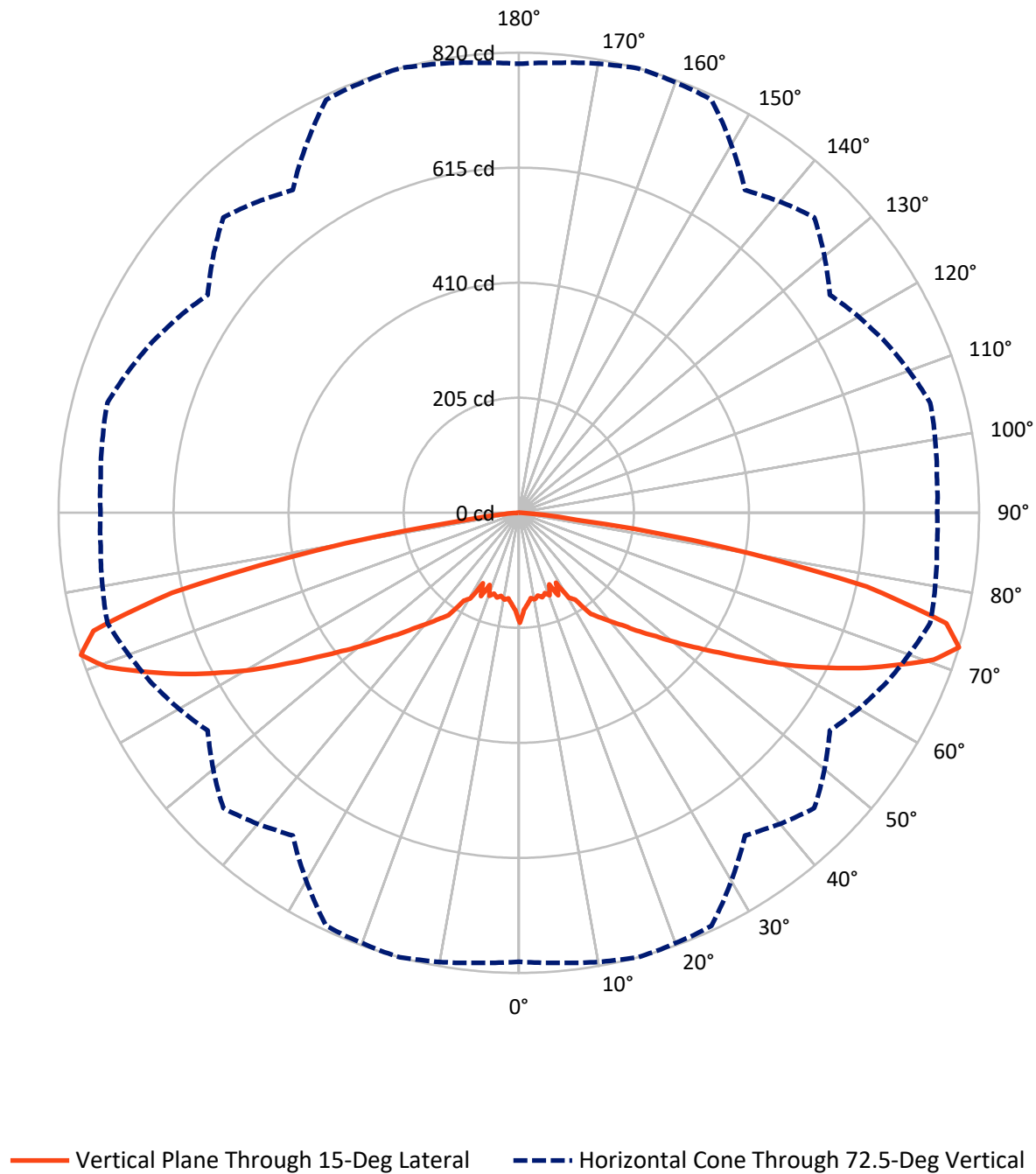


Based on 10 foot mounting height. Maximum calculated value = 2 fc
 Type V - Short - N/A

REPORT NUMBER: P560111

CATALOG NUMBER: SDL-PA1-20-830-U-5WQ

Luminous Intensity Polar Plot



REPORT NUMBER: P560111

CATALOG NUMBER: SDL-PA1-20-830-U-5WQ

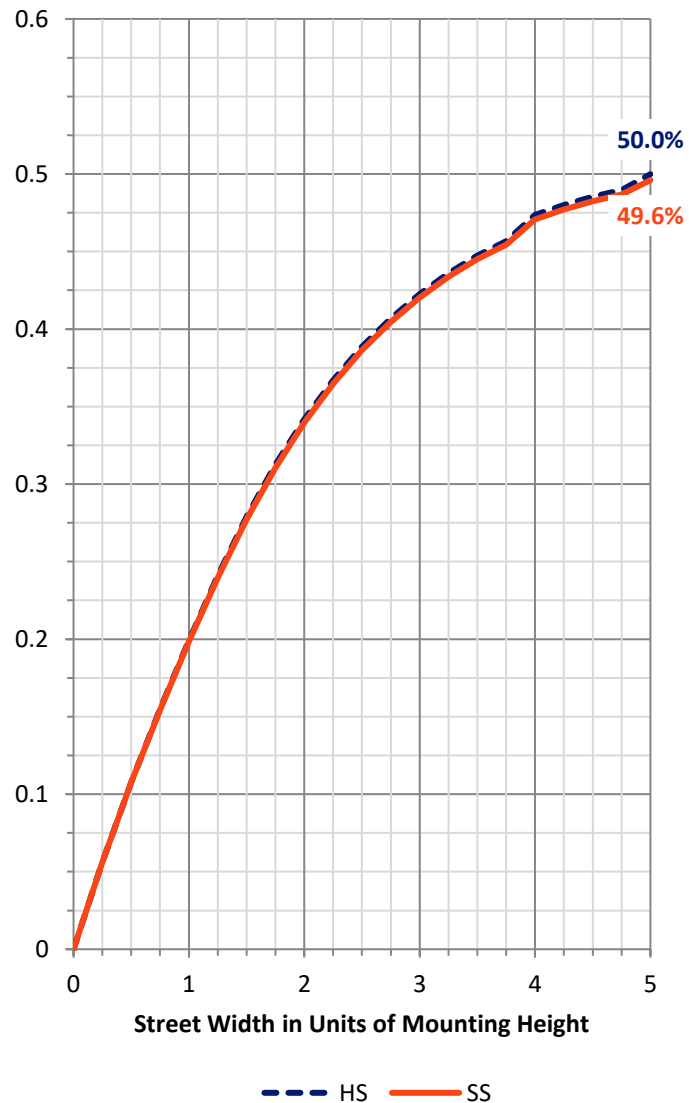
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1131.2	0.0	1131.2
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1131.2	0.0	1131.2
	% Fixture	50.0	0.0	50.0
Total	Lumens	2262.4	0.0	2262.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.4	0.7
10°-20°	35.7	1.6
20°-30°	63.7	2.8
30°-40°	121.9	5.4
40°-50°	207.6	9.2
50°-60°	363.4	16.1
60°-70°	613.2	27.1
70°-80°	715.3	31.6
80°-90°	126.2	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°	2262.4	100.0
0°-180°	2262.4	100.0

Coefficient of Utilization



REPORT NUMBER: P560111

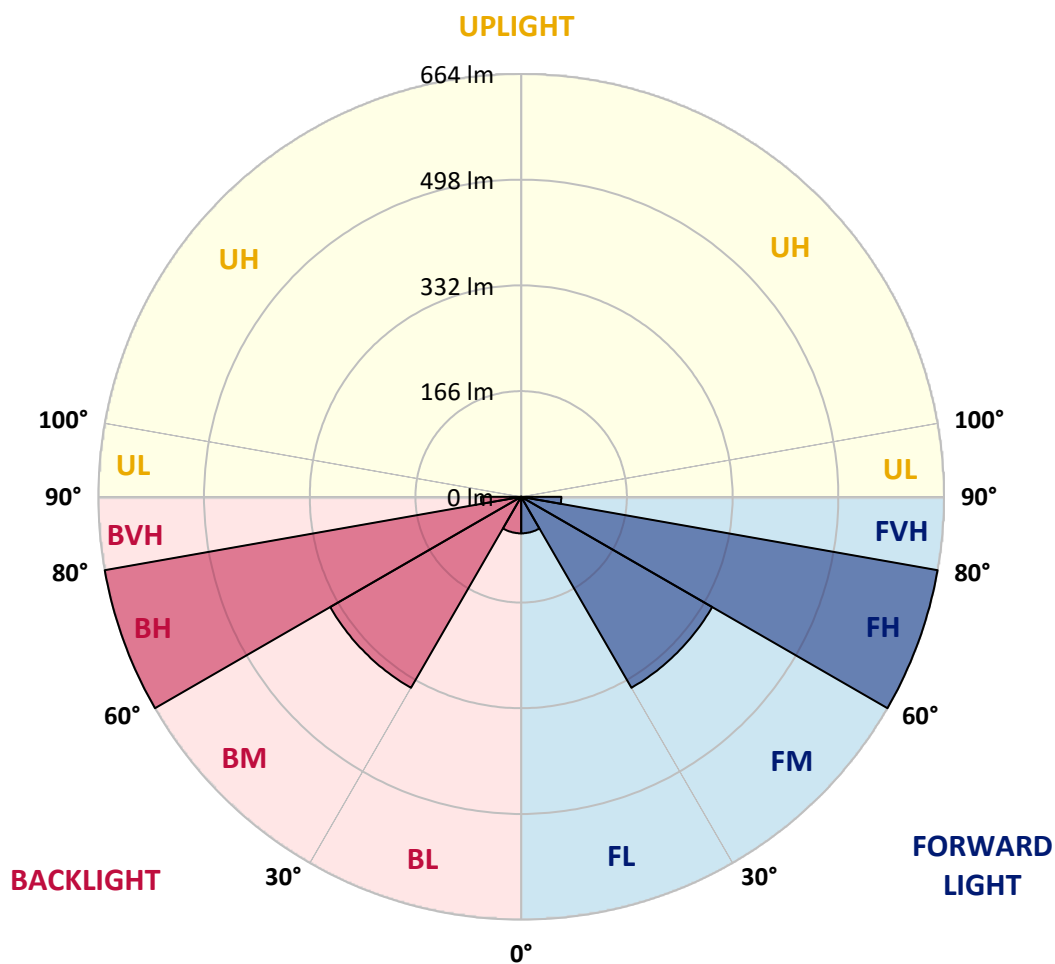
CATALOG NUMBER: SDL-PA1-20-830-U-5WQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	57.4	2.5			
FM	(30°-60°)	346.5	15.3			
FH	(60°-80°)	664.2	29.4			G1/1800
FVH	(80°-90°)	63.1	2.8			G1/100
BL	(0°-30°)	57.4	2.5	B0/110		
BM	(30°-60°)	346.5	15.3	B1/1000		
BH	(60°-80°)	664.2	29.4	B2/1000		G1/1800
BVH	(80°-90°)	63.1	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: P560111

CATALOG NUMBER: SDL-PA1-20-830-U-5WQ

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9
2.5°	173.6	174.4	174.4	174.4	174.4	173.6	173.6	176.0	178.4	180.7	183.1
5°	164.0	164.0	164.0	164.0	164.0	163.2	163.2	163.2	163.2	163.2	163.2
7.5°	140.1	141.7	142.5	145.7	148.1	151.3	153.7	154.5	155.3	155.3	156.1
10°	157.7	157.7	157.7	157.7	157.7	156.9	156.9	155.3	154.5	152.9	151.3
12.5°	138.5	137.7	137.0	140.9	144.1	148.1	151.3	152.1	152.9	153.7	154.5
15°	159.2	159.2	159.2	158.5	157.7	156.9	156.1	150.5	144.9	138.5	133.0
17.5°	135.4	136.2	136.2	140.1	143.3	147.3	150.5	148.9	147.3	144.9	143.3
20°	162.4	162.4	162.4	160.8	160.0	158.5	156.9	147.3	137.7	127.4	117.8
22.5°	137.7	137.7	137.7	137.7	138.5	138.5	138.5	139.3	140.1	140.9	141.7
25°	168.0	168.8	168.8	167.2	166.4	164.8	163.2	155.3	146.5	138.5	129.8
27.5°	144.9	144.9	144.9	144.1	143.3	141.7	140.9	142.5	144.9	146.5	148.1
30°	177.6	177.6	177.6	176.8	176.8	176.0	175.2	167.2	158.5	150.5	141.7
32.5°	215.8	215.0	214.2	207.0	199.9	191.9	184.7	180.7	176.8	172.0	168.0
35°	229.3	229.3	228.5	226.9	225.3	222.9	221.4	213.4	205.4	197.5	189.5
37.5°	242.9	242.9	242.1	241.3	239.7	238.9	237.3	228.5	220.6	211.8	203.0
40°	259.6	260.4	260.4	259.6	258.0	257.2	255.6	246.0	237.3	227.7	218.2
42.5°	280.3	280.3	279.5	278.7	277.9	276.3	275.5	266.7	257.2	248.4	238.9
45°	305.0	305.0	304.2	303.4	303.4	302.6	301.8	293.8	285.1	277.1	268.3
47.5°	335.2	334.4	333.6	332.8	331.2	330.4	328.8	320.1	312.1	303.4	294.6
50°	367.1	367.1	367.1	366.3	365.5	363.9	363.1	355.1	347.2	338.4	330.4
52.5°	401.3	402.1	402.1	402.1	401.3	401.3	400.5	392.5	384.6	375.8	367.9
55°	441.9	441.9	441.9	441.9	442.7	442.7	442.7	434.7	426.8	418.8	410.9
57.5°	488.1	491.3	493.7	493.7	493.7	493.7	493.7	485.7	477.7	469.8	461.8
60°	541.4	542.2	543.0	545.4	547.0	549.4	551.0	543.8	536.7	529.5	522.3
62.5°	594.0	595.6	596.4	599.6	602.0	605.1	607.5	602.8	597.2	592.4	586.8
65°	648.1	649.7	650.5	654.5	659.3	663.3	667.2	663.3	660.1	656.1	652.1
67.5°	705.5	707.1	707.9	711.8	716.6	720.6	724.6	723.0	721.4	719.8	718.2
70°	766.8	767.6	767.6	771.6	776.3	780.3	784.3	783.5	782.7	781.9	781.1
72.5°	800.2	802.6	805.0	809.0	813.0	816.1	820.1	818.5	816.1	814.6	812.2
75°	757.2	758.8	760.4	766.8	773.9	780.3	786.7	789.1	792.3	794.6	797.0
77.5°	593.2	600.4	606.7	613.9	620.3	627.4	633.8	647.3	660.1	673.6	686.4
80°	293.8	297.8	301.8	317.7	333.6	349.5	365.5	389.4	414.0	437.9	461.8
82.5°	70.9	70.9	70.9	79.6	87.6	96.3	104.3	125.8	148.1	169.6	191.1
85°	14.3	15.1	15.9	19.9	23.9	27.1	31.1	34.2	37.4	40.6	43.8
87.5°	2.4	2.4	2.4	2.4	3.2	3.2	3.2	4.0	4.8	4.8	5.6
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: P560111

CATALOG NUMBER: SDL-PA1-20-830-U-5WQ

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9
2.5°	183.9	185.5	186.3	187.1	187.9	188.7	189.5	190.3	191.1	191.1	191.9
5°	163.2	163.2	163.2	163.2	163.2	163.2	163.2	163.2	164.0	164.8	165.6
7.5°	156.9	157.7	158.5	159.2	159.2	159.2	158.5	158.5	157.7	157.7	156.9
10°	147.3	143.3	138.5	134.6	134.6	135.4	135.4	135.4	133.0	131.4	129.0
12.5°	151.3	148.1	144.1	140.9	135.4	130.6	125.0	119.4	117.8	116.3	114.7
15°	128.2	124.2	119.4	114.7	112.3	109.1	106.7	103.5	102.7	101.9	100.3
17.5°	139.3	135.4	130.6	126.6	118.6	110.7	102.7	94.8	98.7	103.5	107.5
20°	118.6	118.6	119.4	119.4	119.4	118.6	118.6	117.8	115.5	112.3	109.9
22.5°	135.4	128.2	121.8	114.7	116.3	117.8	119.4	121.0	117.0	113.1	108.3
25°	132.2	134.6	136.2	138.5	132.2	125.8	118.6	112.3	115.5	118.6	121.8
27.5°	143.3	138.5	133.0	128.2	130.6	133.0	134.6	137.0	133.0	129.0	125.0
30°	142.5	143.3	143.3	144.1	140.9	137.0	133.8	129.8	131.4	133.8	135.4
32.5°	163.2	157.7	152.9	147.3	147.3	147.3	146.5	146.5	146.5	147.3	147.3
35°	182.3	176.0	168.8	161.6	160.0	159.2	157.7	156.1	157.7	159.2	160.8
37.5°	195.9	187.9	180.7	172.8	172.0	171.2	169.6	168.8	168.8	168.8	168.8
40°	211.0	203.8	196.7	189.5	187.9	186.3	183.9	182.3	181.5	180.7	179.2
42.5°	231.7	223.7	216.6	208.6	206.2	203.0	200.7	197.5	196.7	195.9	194.3
45°	258.8	248.4	238.9	228.5	225.3	222.9	219.8	216.6	215.8	214.2	213.4
47.5°	283.5	273.1	262.0	250.8	249.2	246.8	245.2	242.9	241.3	238.9	237.3
50°	316.9	302.6	289.0	274.7	274.7	273.9	273.9	273.1	269.9	266.7	263.6
52.5°	354.3	340.0	326.5	312.1	310.5	309.7	308.1	306.6	303.4	300.2	296.2
55°	396.5	382.2	367.9	353.5	352.7	352.7	351.9	351.1	346.4	341.6	336.8
57.5°	447.5	433.9	419.6	405.3	406.1	406.1	406.9	406.9	400.5	394.1	387.0
60°	506.4	490.5	473.8	457.8	460.2	463.4	465.8	468.2	460.2	452.3	443.5
62.5°	570.9	554.2	538.3	521.5	526.3	531.1	535.1	539.8	527.9	516.0	504.0
65°	633.0	613.9	594.8	575.7	584.4	594.0	602.8	611.5	597.2	582.8	568.5
67.5°	695.9	674.4	652.1	629.8	640.2	650.5	660.9	671.2	656.9	641.8	627.4
70°	754.0	727.0	699.9	672.8	683.2	693.5	703.9	714.2	700.7	687.2	673.6
72.5°	785.1	757.2	730.1	702.3	712.6	723.8	734.1	744.5	727.8	711.0	693.5
75°	773.1	748.5	724.6	699.9	715.0	730.1	745.3	760.4	738.1	715.0	692.7
77.5°	674.4	663.3	651.3	639.4	666.5	693.5	720.6	747.7	715.8	683.2	651.3
80°	469.8	478.5	486.5	494.5	533.5	572.5	610.7	649.7	612.3	575.7	538.3
82.5°	215.8	240.5	264.4	289.0	328.0	367.1	405.3	444.3	402.9	361.5	319.3
85°	51.8	59.7	66.9	74.8	94.8	114.7	134.6	154.5	137.7	121.0	104.3
87.5°	6.4	7.2	7.2	8.0	7.2	7.2	6.4	5.6	6.4	6.4	7.2
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: P560111

CATALOG NUMBER: SDL-PA1-20-830-U-5WQ

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9
2.5°	191.9	192.7	192.7	193.5	193.5	193.5	193.5	192.7	192.7	192.7	193.5
5°	166.4	170.4	173.6	177.6	180.7	182.3	184.7	186.3	187.9	188.7	188.7
7.5°	156.1	154.5	152.1	150.5	148.1	151.3	155.3	158.5	161.6	162.4	163.2
10°	126.6	125.8	124.2	123.4	121.8	122.6	124.2	125.0	125.8	129.8	134.6
12.5°	113.1	113.9	114.7	115.5	116.3	113.9	111.5	108.3	105.9	109.9	113.9
15°	99.5	99.5	100.3	100.3	100.3	103.5	106.7	109.9	113.1	118.6	125.0
17.5°	111.5	109.9	108.3	105.9	104.3	105.1	105.1	105.9	105.9	109.1	111.5
20°	106.7	104.3	102.7	100.3	97.9	101.9	105.9	109.9	113.9	120.2	126.6
22.5°	104.3	109.1	113.1	117.8	121.8	119.4	117.0	113.9	111.5	111.5	111.5
25°	125.0	121.0	117.0	113.1	109.1	116.3	122.6	129.8	136.2	140.9	144.9
27.5°	121.0	124.2	127.4	129.8	133.0	137.0	140.9	144.9	148.9	156.1	162.4
30°	137.0	140.9	144.9	148.1	152.1	162.4	172.0	182.3	191.9	196.7	201.4
32.5°	147.3	155.3	162.4	170.4	177.6	183.1	188.7	194.3	199.9	204.6	210.2
35°	162.4	168.8	174.4	180.7	186.3	192.7	199.1	204.6	211.0	215.8	220.6
37.5°	168.8	176.0	183.1	189.5	196.7	204.6	211.8	219.8	226.9	230.9	234.1
40°	178.4	187.1	195.9	204.6	213.4	221.4	229.3	237.3	245.2	248.4	251.6
42.5°	193.5	203.0	212.6	221.4	230.9	239.7	247.6	256.4	264.4	267.5	270.7
45°	211.8	221.4	230.9	240.5	250.0	259.6	269.1	278.7	288.2	292.2	296.2
47.5°	234.9	244.4	254.8	264.4	273.9	285.8	297.0	308.9	320.1	323.3	326.5
50°	260.4	269.9	279.5	289.0	298.6	313.7	328.0	343.2	357.5	359.1	361.5
52.5°	293.0	302.6	311.3	320.9	329.6	346.4	363.1	379.0	395.7	396.5	398.1
55°	332.0	340.8	350.3	359.1	367.9	386.2	403.7	422.0	439.5	439.5	440.3
57.5°	380.6	390.2	399.7	408.5	418.0	435.5	453.1	469.8	487.3	486.5	485.7
60°	435.5	444.3	452.3	461.0	469.0	485.7	503.2	519.9	536.7	535.1	532.7
62.5°	492.1	501.6	511.2	519.9	529.5	543.0	557.4	570.9	584.4	581.3	578.1
65°	554.2	563.7	574.1	583.6	593.2	603.5	614.7	625.0	635.4	632.2	629.8
67.5°	612.3	623.5	634.6	645.0	656.1	664.1	672.0	679.2	687.2	683.2	679.2
70°	660.1	669.6	679.2	688.7	698.3	706.3	714.2	722.2	730.1	726.2	722.2
72.5°	676.8	687.9	699.1	709.4	720.6	730.1	739.7	749.3	758.8	756.4	753.2
75°	669.6	677.6	685.6	693.5	701.5	708.7	716.6	723.8	730.9	727.0	723.0
77.5°	618.7	617.9	616.3	615.5	613.9	613.9	614.7	614.7	614.7	609.9	605.1
80°	500.8	486.5	472.2	457.8	443.5	426.8	410.1	393.3	376.6	360.7	344.8
82.5°	277.9	245.2	213.4	180.7	148.1	134.6	120.2	106.7	92.4	86.0	78.8
85°	87.6	76.4	65.3	54.1	43.0	40.6	38.2	35.0	32.6	30.3	27.9
87.5°	7.2	6.4	6.4	5.6	4.8	4.0	4.0	3.2	2.4	2.4	2.4
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: P560111

CATALOG NUMBER: SDL-PA1-20-830-U-5WQ

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9
2.5°	193.5	193.5	193.5	193.5	193.5	193.5	193.5	193.5	192.7	192.7	192.7
5°	189.5	189.5	189.5	189.5	189.5	189.5	189.5	188.7	188.7	187.9	186.3
7.5°	163.2	164.0	164.0	163.2	164.0	164.0	163.2	163.2	162.4	161.6	158.5
10°	138.5	142.5	142.5	142.5	142.5	142.5	138.5	134.6	129.8	125.8	125.0
12.5°	117.8	121.8	121.8	121.8	121.8	121.8	117.8	113.9	109.9	105.9	108.3
15°	130.6	136.2	136.2	136.2	136.2	136.2	130.6	125.0	118.6	113.1	109.9
17.5°	114.7	117.0	117.8	117.8	117.8	117.0	114.7	111.5	109.1	105.9	105.9
20°	132.2	138.5	139.3	140.1	139.3	138.5	132.2	126.6	120.2	113.9	109.9
22.5°	110.7	110.7	111.5	111.5	111.5	110.7	110.7	111.5	111.5	111.5	113.9
25°	149.7	153.7	153.7	152.9	153.7	153.7	149.7	144.9	140.9	136.2	129.8
27.5°	169.6	176.0	177.6	178.4	177.6	176.0	169.6	162.4	156.1	148.9	144.9
30°	206.2	211.0	211.0	211.0	211.0	211.0	206.2	201.4	196.7	191.9	182.3
32.5°	215.0	219.8	219.8	219.8	219.8	219.8	215.0	210.2	204.6	199.9	194.3
35°	224.5	229.3	230.1	230.1	230.1	229.3	224.5	220.6	215.8	211.0	204.6
37.5°	238.1	241.3	242.1	242.9	242.1	241.3	238.1	234.1	230.9	226.9	219.8
40°	254.0	257.2	257.2	257.2	257.2	257.2	254.0	251.6	248.4	245.2	237.3
42.5°	273.9	277.1	277.9	278.7	277.9	277.1	273.9	270.7	267.5	264.4	256.4
45°	299.4	303.4	304.2	305.0	304.2	303.4	299.4	296.2	292.2	288.2	278.7
47.5°	329.6	332.8	332.8	332.8	332.8	332.8	329.6	326.5	323.3	320.1	308.9
50°	363.1	364.7	365.5	365.5	365.5	364.7	363.1	361.5	359.1	357.5	343.2
52.5°	398.9	399.7	399.7	398.9	399.7	399.7	398.9	398.1	396.5	395.7	379.0
55°	440.3	440.3	439.5	437.9	439.5	440.3	440.3	440.3	439.5	439.5	422.0
57.5°	484.9	484.1	484.1	483.3	484.1	484.1	484.9	485.7	486.5	487.3	469.8
60°	531.1	528.7	527.9	526.3	527.9	528.7	531.1	532.7	535.1	536.7	519.9
62.5°	574.9	571.7	571.7	571.7	571.7	571.7	574.9	578.1	581.3	584.4	570.9
65°	626.6	623.5	621.9	620.3	621.9	623.5	626.6	629.8	632.2	635.4	625.0
67.5°	675.2	671.2	669.6	667.2	669.6	671.2	675.2	679.2	683.2	687.2	679.2
70°	717.4	713.4	712.6	711.8	712.6	713.4	717.4	722.2	726.2	730.1	722.2
72.5°	750.9	747.7	746.9	745.3	746.9	747.7	750.9	753.2	756.4	758.8	749.3
75°	719.0	715.0	712.6	709.4	712.6	715.0	719.0	723.0	727.0	730.9	723.8
77.5°	600.4	595.6	594.0	591.6	594.0	595.6	600.4	605.1	609.9	614.7	614.7
80°	328.8	312.9	308.9	304.2	308.9	312.9	328.8	344.8	360.7	376.6	393.3
82.5°	72.5	65.3	62.9	59.7	62.9	65.3	72.5	78.8	86.0	92.4	106.7
85°	24.7	22.3	20.7	19.1	20.7	22.3	24.7	27.9	30.3	32.6	35.0
87.5°	2.4	2.4	2.4	1.6	2.4	2.4	2.4	2.4	2.4	2.4	3.2
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: P560111

CATALOG NUMBER: SDL-PA1-20-830-U-5WQ

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9
2.5°	193.5	193.5	193.5	193.5	192.7	192.7	191.9	191.9	191.1	191.1	190.3
5°	184.7	182.3	180.7	177.6	173.6	170.4	166.4	165.6	164.8	164.0	163.2
7.5°	155.3	151.3	148.1	150.5	152.1	154.5	156.1	156.9	157.7	157.7	158.5
10°	124.2	122.6	121.8	123.4	124.2	125.8	126.6	129.0	131.4	133.0	135.4
12.5°	111.5	113.9	116.3	115.5	114.7	113.9	113.1	114.7	116.3	117.8	119.4
15°	106.7	103.5	100.3	100.3	100.3	99.5	99.5	100.3	101.9	102.7	103.5
17.5°	105.1	105.1	104.3	105.9	108.3	109.9	111.5	107.5	103.5	98.7	94.8
20°	105.9	101.9	97.9	100.3	102.7	104.3	106.7	109.9	112.3	115.5	117.8
22.5°	117.0	119.4	121.8	117.8	113.1	109.1	104.3	108.3	113.1	117.0	121.0
25°	122.6	116.3	109.1	113.1	117.0	121.0	125.0	121.8	118.6	115.5	112.3
27.5°	140.9	137.0	133.0	129.8	127.4	124.2	121.0	125.0	129.0	133.0	137.0
30°	172.0	162.4	152.1	148.1	144.9	140.9	137.0	135.4	133.8	131.4	129.8
32.5°	188.7	183.1	177.6	170.4	162.4	155.3	147.3	147.3	147.3	146.5	146.5
35°	199.1	192.7	186.3	180.7	174.4	168.8	162.4	160.8	159.2	157.7	156.1
37.5°	211.8	204.6	196.7	189.5	183.1	176.0	168.8	168.8	168.8	168.8	168.8
40°	229.3	221.4	213.4	204.6	195.9	187.1	178.4	179.2	180.7	181.5	182.3
42.5°	247.6	239.7	230.9	221.4	212.6	203.0	193.5	194.3	195.9	196.7	197.5
45°	269.1	259.6	250.0	240.5	230.9	221.4	211.8	213.4	214.2	215.8	216.6
47.5°	297.0	285.8	273.9	264.4	254.8	244.4	234.9	237.3	238.9	241.3	242.9
50°	328.0	313.7	298.6	289.0	279.5	269.9	260.4	263.6	266.7	269.9	273.1
52.5°	363.1	346.4	329.6	320.9	311.3	302.6	293.0	296.2	300.2	303.4	306.6
55°	403.7	386.2	367.9	359.1	350.3	340.8	332.0	336.8	341.6	346.4	351.1
57.5°	453.1	435.5	418.0	408.5	399.7	390.2	380.6	387.0	394.1	400.5	406.9
60°	503.2	485.7	469.0	461.0	452.3	444.3	435.5	443.5	452.3	460.2	468.2
62.5°	557.4	543.0	529.5	519.9	511.2	501.6	492.1	504.0	516.0	527.9	539.8
65°	614.7	603.5	593.2	583.6	574.1	563.7	554.2	568.5	582.8	597.2	611.5
67.5°	672.0	664.1	656.1	645.0	634.6	623.5	612.3	627.4	641.8	656.9	671.2
70°	714.2	706.3	698.3	688.7	679.2	669.6	660.1	673.6	687.2	700.7	714.2
72.5°	739.7	730.1	720.6	709.4	699.1	687.9	676.8	693.5	711.0	727.8	744.5
75°	716.6	708.7	701.5	693.5	685.6	677.6	669.6	692.7	715.0	738.1	760.4
77.5°	614.7	613.9	613.9	615.5	616.3	617.9	618.7	651.3	683.2	715.8	747.7
80°	410.1	426.8	443.5	457.8	472.2	486.5	500.8	538.3	575.7	612.3	649.7
82.5°	120.2	134.6	148.1	180.7	213.4	245.2	277.9	319.3	361.5	402.9	444.3
85°	38.2	40.6	43.0	54.1	65.3	76.4	87.6	104.3	121.0	137.7	154.5
87.5°	4.0	4.0	4.8	5.6	6.4	6.4	7.2	7.2	6.4	6.4	5.6
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: P560111

CATALOG NUMBER: SDL-PA1-20-830-U-5WQ

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9
2.5°	189.5	188.7	187.9	187.1	186.3	185.5	183.9	183.1	180.7	178.4	176.0
5°	163.2	163.2	163.2	163.2	163.2	163.2	163.2	163.2	163.2	163.2	163.2
7.5°	158.5	159.2	159.2	159.2	158.5	157.7	156.9	156.1	155.3	155.3	154.5
10°	135.4	135.4	134.6	134.6	138.5	143.3	147.3	151.3	152.9	154.5	155.3
12.5°	125.0	130.6	135.4	140.9	144.1	148.1	151.3	154.5	153.7	152.9	152.1
15°	106.7	109.1	112.3	114.7	119.4	124.2	128.2	133.0	138.5	144.9	150.5
17.5°	102.7	110.7	118.6	126.6	130.6	135.4	139.3	143.3	144.9	147.3	148.9
20°	118.6	118.6	119.4	119.4	119.4	118.6	118.6	117.8	127.4	137.7	147.3
22.5°	119.4	117.8	116.3	114.7	121.8	128.2	135.4	141.7	140.9	140.1	139.3
25°	118.6	125.8	132.2	138.5	136.2	134.6	132.2	129.8	138.5	146.5	155.3
27.5°	134.6	133.0	130.6	128.2	133.0	138.5	143.3	148.1	146.5	144.9	142.5
30°	133.8	137.0	140.9	144.1	143.3	143.3	142.5	141.7	150.5	158.5	167.2
32.5°	146.5	147.3	147.3	147.3	152.9	157.7	163.2	168.0	172.0	176.8	180.7
35°	157.7	159.2	160.0	161.6	168.8	176.0	182.3	189.5	197.5	205.4	213.4
37.5°	169.6	171.2	172.0	172.8	180.7	187.9	195.9	203.0	211.8	220.6	228.5
40°	183.9	186.3	187.9	189.5	196.7	203.8	211.0	218.2	227.7	237.3	246.0
42.5°	200.7	203.0	206.2	208.6	216.6	223.7	231.7	238.9	248.4	257.2	266.7
45°	219.8	222.9	225.3	228.5	238.9	248.4	258.8	268.3	277.1	285.1	293.8
47.5°	245.2	246.8	249.2	250.8	262.0	273.1	283.5	294.6	303.4	312.1	320.1
50°	273.9	273.9	274.7	274.7	289.0	302.6	316.9	330.4	338.4	347.2	355.1
52.5°	308.1	309.7	310.5	312.1	326.5	340.0	354.3	367.9	375.8	384.6	392.5
55°	351.9	352.7	352.7	353.5	367.9	382.2	396.5	410.9	418.8	426.8	434.7
57.5°	406.9	406.1	406.1	405.3	419.6	433.9	447.5	461.8	469.8	477.7	485.7
60°	465.8	463.4	460.2	457.8	473.8	490.5	506.4	522.3	529.5	536.7	543.8
62.5°	535.1	531.1	526.3	521.5	538.3	554.2	570.9	586.8	592.4	597.2	602.8
65°	602.8	594.0	584.4	575.7	594.8	613.9	633.0	652.1	656.1	660.1	663.3
67.5°	660.9	650.5	640.2	629.8	652.1	674.4	695.9	718.2	719.8	721.4	723.0
70°	703.9	693.5	683.2	672.8	699.9	727.0	754.0	781.1	781.9	782.7	783.5
72.5°	734.1	723.8	712.6	702.3	730.1	757.2	785.1	812.2	814.6	816.1	818.5
75°	745.3	730.1	715.0	699.9	724.6	748.5	773.1	797.0	794.6	792.3	789.1
77.5°	720.6	693.5	666.5	639.4	651.3	663.3	674.4	686.4	673.6	660.1	647.3
80°	610.7	572.5	533.5	494.5	486.5	478.5	469.8	461.8	437.9	414.0	389.4
82.5°	405.3	367.1	328.0	289.0	264.4	240.5	215.8	191.1	169.6	148.1	125.8
85°	134.6	114.7	94.8	74.8	66.9	59.7	51.8	43.8	40.6	37.4	34.2
87.5°	6.4	7.2	7.2	8.0	7.2	7.2	6.4	5.6	4.8	4.8	4.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P560111

CATALOG NUMBER: SDL-PA1-20-830-U-5WQ

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9
2.5°	173.6	173.6	174.4	174.4	174.4	174.4	173.6	174.4	174.4	174.4	174.4
5°	163.2	163.2	164.0	164.0	164.0	164.0	164.0	164.0	164.0	164.0	164.0
7.5°	153.7	151.3	148.1	145.7	142.5	141.7	140.1	141.7	142.5	145.7	148.1
10°	156.9	156.9	157.7	157.7	157.7	157.7	157.7	157.7	157.7	157.7	157.7
12.5°	151.3	148.1	144.1	140.9	137.0	137.7	138.5	137.7	137.0	140.9	144.1
15°	156.1	156.9	157.7	158.5	159.2	159.2	159.2	159.2	159.2	158.5	157.7
17.5°	150.5	147.3	143.3	140.1	136.2	136.2	135.4	136.2	136.2	140.1	143.3
20°	156.9	158.5	160.0	160.8	162.4	162.4	162.4	162.4	162.4	160.8	160.0
22.5°	138.5	138.5	138.5	137.7	137.7	137.7	137.7	137.7	137.7	137.7	138.5
25°	163.2	164.8	166.4	167.2	168.8	168.8	168.0	168.8	168.8	167.2	166.4
27.5°	140.9	141.7	143.3	144.1	144.9	144.9	144.9	144.9	144.9	144.1	143.3
30°	175.2	176.0	176.8	176.8	177.6	177.6	177.6	177.6	177.6	176.8	176.8
32.5°	184.7	191.9	199.9	207.0	214.2	215.0	215.8	215.0	214.2	207.0	199.9
35°	221.4	222.9	225.3	226.9	228.5	229.3	229.3	229.3	228.5	226.9	225.3
37.5°	237.3	238.9	239.7	241.3	242.1	242.9	242.9	242.9	242.1	241.3	239.7
40°	255.6	257.2	258.0	259.6	260.4	260.4	259.6	260.4	260.4	259.6	258.0
42.5°	275.5	276.3	277.9	278.7	279.5	280.3	280.3	280.3	279.5	278.7	277.9
45°	301.8	302.6	303.4	303.4	304.2	305.0	305.0	305.0	304.2	303.4	303.4
47.5°	328.8	330.4	331.2	332.8	333.6	334.4	335.2	334.4	333.6	332.8	331.2
50°	363.1	363.9	365.5	366.3	367.1	367.1	367.1	367.1	367.1	366.3	365.5
52.5°	400.5	401.3	401.3	402.1	402.1	402.1	401.3	402.1	402.1	402.1	401.3
55°	442.7	442.7	442.7	441.9	441.9	441.9	441.9	441.9	441.9	441.9	442.7
57.5°	493.7	493.7	493.7	493.7	493.7	491.3	488.1	491.3	493.7	493.7	493.7
60°	551.0	549.4	547.0	545.4	543.0	542.2	541.4	542.2	543.0	545.4	547.0
62.5°	607.5	605.1	602.0	599.6	596.4	595.6	594.0	595.6	596.4	599.6	602.0
65°	667.2	663.3	659.3	654.5	650.5	649.7	648.1	649.7	650.5	654.5	659.3
67.5°	724.6	720.6	716.6	711.8	707.9	707.1	705.5	707.1	707.9	711.8	716.6
70°	784.3	780.3	776.3	771.6	767.6	767.6	766.8	767.6	767.6	771.6	776.3
72.5°	820.1	816.1	813.0	809.0	805.0	802.6	800.2	802.6	805.0	809.0	813.0
75°	786.7	780.3	773.9	766.8	760.4	758.8	757.2	758.8	760.4	766.8	773.9
77.5°	633.8	627.4	620.3	613.9	606.7	600.4	593.2	600.4	606.7	613.9	620.3
80°	365.5	349.5	333.6	317.7	301.8	297.8	293.8	297.8	301.8	317.7	333.6
82.5°	104.3	96.3	87.6	79.6	70.9	70.9	70.9	70.9	70.9	79.6	87.6
85°	31.1	27.1	23.9	19.9	15.9	15.1	14.3	15.1	15.9	19.9	23.9
87.5°	3.2	3.2	3.2	2.4	2.4	2.4	2.4	2.4	2.4	2.4	3.2
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: P560111

CATALOG NUMBER: SDL-PA1-20-830-U-5WQ

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9
2.5°	173.6	173.6	176.0	178.4	180.7	183.1	183.9	185.5	186.3	187.1	187.9
5°	163.2	163.2	163.2	163.2	163.2	163.2	163.2	163.2	163.2	163.2	163.2
7.5°	151.3	153.7	154.5	155.3	155.3	156.1	156.9	157.7	158.5	159.2	159.2
10°	156.9	156.9	155.3	154.5	152.9	151.3	147.3	143.3	138.5	134.6	134.6
12.5°	148.1	151.3	152.1	152.9	153.7	154.5	151.3	148.1	144.1	140.9	135.4
15°	156.9	156.1	150.5	144.9	138.5	133.0	128.2	124.2	119.4	114.7	112.3
17.5°	147.3	150.5	148.9	147.3	144.9	143.3	139.3	135.4	130.6	126.6	118.6
20°	158.5	156.9	147.3	137.7	127.4	117.8	118.6	118.6	119.4	119.4	119.4
22.5°	138.5	138.5	139.3	140.1	140.9	141.7	135.4	128.2	121.8	114.7	116.3
25°	164.8	163.2	155.3	146.5	138.5	129.8	132.2	134.6	136.2	138.5	132.2
27.5°	141.7	140.9	142.5	144.9	146.5	148.1	143.3	138.5	133.0	128.2	130.6
30°	176.0	175.2	167.2	158.5	150.5	141.7	142.5	143.3	143.3	144.1	140.9
32.5°	191.9	184.7	180.7	176.8	172.0	168.0	163.2	157.7	152.9	147.3	147.3
35°	222.9	221.4	213.4	205.4	197.5	189.5	182.3	176.0	168.8	161.6	160.0
37.5°	238.9	237.3	228.5	220.6	211.8	203.0	195.9	187.9	180.7	172.8	172.0
40°	257.2	255.6	246.0	237.3	227.7	218.2	211.0	203.8	196.7	189.5	187.9
42.5°	276.3	275.5	266.7	257.2	248.4	238.9	231.7	223.7	216.6	208.6	206.2
45°	302.6	301.8	293.8	285.1	277.1	268.3	258.8	248.4	238.9	228.5	225.3
47.5°	330.4	328.8	320.1	312.1	303.4	294.6	283.5	273.1	262.0	250.8	249.2
50°	363.9	363.1	355.1	347.2	338.4	330.4	316.9	302.6	289.0	274.7	274.7
52.5°	401.3	400.5	392.5	384.6	375.8	367.9	354.3	340.0	326.5	312.1	310.5
55°	442.7	442.7	434.7	426.8	418.8	410.9	396.5	382.2	367.9	353.5	352.7
57.5°	493.7	493.7	485.7	477.7	469.8	461.8	447.5	433.9	419.6	405.3	406.1
60°	549.4	551.0	543.8	536.7	529.5	522.3	506.4	490.5	473.8	457.8	460.2
62.5°	605.1	607.5	602.8	597.2	592.4	586.8	570.9	554.2	538.3	521.5	526.3
65°	663.3	667.2	663.3	660.1	656.1	652.1	633.0	613.9	594.8	575.7	584.4
67.5°	720.6	724.6	723.0	721.4	719.8	718.2	695.9	674.4	652.1	629.8	640.2
70°	780.3	784.3	783.5	782.7	781.9	781.1	754.0	727.0	699.9	672.8	683.2
72.5°	816.1	820.1	818.5	816.1	814.6	812.2	785.1	757.2	730.1	702.3	712.6
75°	780.3	786.7	789.1	792.3	794.6	797.0	773.1	748.5	724.6	699.9	715.0
77.5°	627.4	633.8	647.3	660.1	673.6	686.4	674.4	663.3	651.3	639.4	666.5
80°	349.5	365.5	389.4	414.0	437.9	461.8	469.8	478.5	486.5	494.5	533.5
82.5°	96.3	104.3	125.8	148.1	169.6	191.1	215.8	240.5	264.4	289.0	328.0
85°	27.1	31.1	34.2	37.4	40.6	43.8	51.8	59.7	66.9	74.8	94.8
87.5°	3.2	3.2	4.0	4.8	4.8	5.6	6.4	7.2	7.2	8.0	7.2
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: P560111

CATALOG NUMBER: SDL-PA1-20-830-U-5WQ

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9
2.5°	188.7	189.5	190.3	191.1	191.1	191.9	191.9	192.7	192.7	193.5	193.5
5°	163.2	163.2	163.2	164.0	164.8	165.6	166.4	170.4	173.6	177.6	180.7
7.5°	159.2	158.5	158.5	157.7	157.7	156.9	156.1	154.5	152.1	150.5	148.1
10°	135.4	135.4	135.4	133.0	131.4	129.0	126.6	125.8	124.2	123.4	121.8
12.5°	130.6	125.0	119.4	117.8	116.3	114.7	113.1	113.9	114.7	115.5	116.3
15°	109.1	106.7	103.5	102.7	101.9	100.3	99.5	99.5	100.3	100.3	100.3
17.5°	110.7	102.7	94.8	98.7	103.5	107.5	111.5	109.9	108.3	105.9	104.3
20°	118.6	118.6	117.8	115.5	112.3	109.9	106.7	104.3	102.7	100.3	97.9
22.5°	117.8	119.4	121.0	117.0	113.1	108.3	104.3	109.1	113.1	117.8	121.8
25°	125.8	118.6	112.3	115.5	118.6	121.8	125.0	121.0	117.0	113.1	109.1
27.5°	133.0	134.6	137.0	133.0	129.0	125.0	121.0	124.2	127.4	129.8	133.0
30°	137.0	133.8	129.8	131.4	133.8	135.4	137.0	140.9	144.9	148.1	152.1
32.5°	147.3	146.5	146.5	146.5	147.3	147.3	147.3	155.3	162.4	170.4	177.6
35°	159.2	157.7	156.1	157.7	159.2	160.8	162.4	168.8	174.4	180.7	186.3
37.5°	171.2	169.6	168.8	168.8	168.8	168.8	168.8	176.0	183.1	189.5	196.7
40°	186.3	183.9	182.3	181.5	180.7	179.2	178.4	187.1	195.9	204.6	213.4
42.5°	203.0	200.7	197.5	196.7	195.9	194.3	193.5	203.0	212.6	221.4	230.9
45°	222.9	219.8	216.6	215.8	214.2	213.4	211.8	221.4	230.9	240.5	250.0
47.5°	246.8	245.2	242.9	241.3	238.9	237.3	234.9	244.4	254.8	264.4	273.9
50°	273.9	273.9	273.1	269.9	266.7	263.6	260.4	269.9	279.5	289.0	298.6
52.5°	309.7	308.1	306.6	303.4	300.2	296.2	293.0	302.6	311.3	320.9	329.6
55°	352.7	351.9	351.1	346.4	341.6	336.8	332.0	340.8	350.3	359.1	367.9
57.5°	406.1	406.9	406.9	400.5	394.1	387.0	380.6	390.2	399.7	408.5	418.0
60°	463.4	465.8	468.2	460.2	452.3	443.5	435.5	444.3	452.3	461.0	469.0
62.5°	531.1	535.1	539.8	527.9	516.0	504.0	492.1	501.6	511.2	519.9	529.5
65°	594.0	602.8	611.5	597.2	582.8	568.5	554.2	563.7	574.1	583.6	593.2
67.5°	650.5	660.9	671.2	656.9	641.8	627.4	612.3	623.5	634.6	645.0	656.1
70°	693.5	703.9	714.2	700.7	687.2	673.6	660.1	669.6	679.2	688.7	698.3
72.5°	723.8	734.1	744.5	727.8	711.0	693.5	676.8	687.9	699.1	709.4	720.6
75°	730.1	745.3	760.4	738.1	715.0	692.7	669.6	677.6	685.6	693.5	701.5
77.5°	693.5	720.6	747.7	715.8	683.2	651.3	618.7	617.9	616.3	615.5	613.9
80°	572.5	610.7	649.7	612.3	575.7	538.3	500.8	486.5	472.2	457.8	443.5
82.5°	367.1	405.3	444.3	402.9	361.5	319.3	277.9	245.2	213.4	180.7	148.1
85°	114.7	134.6	154.5	137.7	121.0	104.3	87.6	76.4	65.3	54.1	43.0
87.5°	7.2	6.4	5.6	6.4	6.4	7.2	7.2	6.4	6.4	5.6	4.8
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: P560111

CATALOG NUMBER: SDL-PA1-20-830-U-5WQ

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9
2.5°	193.5	193.5	192.7	192.7	192.7	193.5	193.5	193.5	193.5	193.5	193.5
5°	182.3	184.7	186.3	187.9	188.7	188.7	189.5	189.5	189.5	189.5	189.5
7.5°	151.3	155.3	158.5	161.6	162.4	163.2	163.2	164.0	164.0	163.2	164.0
10°	122.6	124.2	125.0	125.8	129.8	134.6	138.5	142.5	142.5	142.5	142.5
12.5°	113.9	111.5	108.3	105.9	109.9	113.9	117.8	121.8	121.8	121.8	121.8
15°	103.5	106.7	109.9	113.1	118.6	125.0	130.6	136.2	136.2	136.2	136.2
17.5°	105.1	105.1	105.9	105.9	109.1	111.5	114.7	117.0	117.8	117.8	117.8
20°	101.9	105.9	109.9	113.9	120.2	126.6	132.2	138.5	139.3	140.1	139.3
22.5°	119.4	117.0	113.9	111.5	111.5	111.5	110.7	110.7	111.5	111.5	111.5
25°	116.3	122.6	129.8	136.2	140.9	144.9	149.7	153.7	153.7	152.9	153.7
27.5°	137.0	140.9	144.9	148.9	156.1	162.4	169.6	176.0	177.6	178.4	177.6
30°	162.4	172.0	182.3	191.9	196.7	201.4	206.2	211.0	211.0	211.0	211.0
32.5°	183.1	188.7	194.3	199.9	204.6	210.2	215.0	219.8	219.8	219.8	219.8
35°	192.7	199.1	204.6	211.0	215.8	220.6	224.5	229.3	230.1	230.1	230.1
37.5°	204.6	211.8	219.8	226.9	230.9	234.1	238.1	241.3	242.1	242.9	242.1
40°	221.4	229.3	237.3	245.2	248.4	251.6	254.0	257.2	257.2	257.2	257.2
42.5°	239.7	247.6	256.4	264.4	267.5	270.7	273.9	277.1	277.9	278.7	277.9
45°	259.6	269.1	278.7	288.2	292.2	296.2	299.4	303.4	304.2	305.0	304.2
47.5°	285.8	297.0	308.9	320.1	323.3	326.5	329.6	332.8	332.8	332.8	332.8
50°	313.7	328.0	343.2	357.5	359.1	361.5	363.1	364.7	365.5	365.5	365.5
52.5°	346.4	363.1	379.0	395.7	396.5	398.1	398.9	399.7	399.7	398.9	399.7
55°	386.2	403.7	422.0	439.5	439.5	440.3	440.3	440.3	439.5	437.9	439.5
57.5°	435.5	453.1	469.8	487.3	486.5	485.7	484.9	484.1	484.1	483.3	484.1
60°	485.7	503.2	519.9	536.7	535.1	532.7	531.1	528.7	527.9	526.3	527.9
62.5°	543.0	557.4	570.9	584.4	581.3	578.1	574.9	571.7	571.7	571.7	571.7
65°	603.5	614.7	625.0	635.4	632.2	629.8	626.6	623.5	621.9	620.3	621.9
67.5°	664.1	672.0	679.2	687.2	683.2	679.2	675.2	671.2	669.6	667.2	669.6
70°	706.3	714.2	722.2	730.1	726.2	722.2	717.4	713.4	712.6	711.8	712.6
72.5°	730.1	739.7	749.3	758.8	756.4	753.2	750.9	747.7	746.9	745.3	746.9
75°	708.7	716.6	723.8	730.9	727.0	723.0	719.0	715.0	712.6	709.4	712.6
77.5°	613.9	614.7	614.7	614.7	609.9	605.1	600.4	595.6	594.0	591.6	594.0
80°	426.8	410.1	393.3	376.6	360.7	344.8	328.8	312.9	308.9	304.2	308.9
82.5°	134.6	120.2	106.7	92.4	86.0	78.8	72.5	65.3	62.9	59.7	62.9
85°	40.6	38.2	35.0	32.6	30.3	27.9	24.7	22.3	20.7	19.1	20.7
87.5°	4.0	4.0	3.2	2.4	2.4	2.4	2.4	2.4	2.4	1.6	2.4
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: P560111

CATALOG NUMBER: SDL-PA1-20-830-U-5WQ

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9
2.5°	193.5	193.5	193.5	192.7	192.7	192.7	193.5	193.5	193.5	193.5	192.7
5°	189.5	189.5	188.7	188.7	187.9	186.3	184.7	182.3	180.7	177.6	173.6
7.5°	164.0	163.2	163.2	162.4	161.6	158.5	155.3	151.3	148.1	150.5	152.1
10°	142.5	138.5	134.6	129.8	125.8	125.0	124.2	122.6	121.8	123.4	124.2
12.5°	121.8	117.8	113.9	109.9	105.9	108.3	111.5	113.9	116.3	115.5	114.7
15°	136.2	130.6	125.0	118.6	113.1	109.9	106.7	103.5	100.3	100.3	100.3
17.5°	117.0	114.7	111.5	109.1	105.9	105.9	105.1	105.1	104.3	105.9	108.3
20°	138.5	132.2	126.6	120.2	113.9	109.9	105.9	101.9	97.9	100.3	102.7
22.5°	110.7	110.7	111.5	111.5	111.5	113.9	117.0	119.4	121.8	117.8	113.1
25°	153.7	149.7	144.9	140.9	136.2	129.8	122.6	116.3	109.1	113.1	117.0
27.5°	176.0	169.6	162.4	156.1	148.9	144.9	140.9	137.0	133.0	129.8	127.4
30°	211.0	206.2	201.4	196.7	191.9	182.3	172.0	162.4	152.1	148.1	144.9
32.5°	219.8	215.0	210.2	204.6	199.9	194.3	188.7	183.1	177.6	170.4	162.4
35°	229.3	224.5	220.6	215.8	211.0	204.6	199.1	192.7	186.3	180.7	174.4
37.5°	241.3	238.1	234.1	230.9	226.9	219.8	211.8	204.6	196.7	189.5	183.1
40°	257.2	254.0	251.6	248.4	245.2	237.3	229.3	221.4	213.4	204.6	195.9
42.5°	277.1	273.9	270.7	267.5	264.4	256.4	247.6	239.7	230.9	221.4	212.6
45°	303.4	299.4	296.2	292.2	288.2	278.7	269.1	259.6	250.0	240.5	230.9
47.5°	332.8	329.6	326.5	323.3	320.1	308.9	297.0	285.8	273.9	264.4	254.8
50°	364.7	363.1	361.5	359.1	357.5	343.2	328.0	313.7	298.6	289.0	279.5
52.5°	399.7	398.9	398.1	396.5	395.7	379.0	363.1	346.4	329.6	320.9	311.3
55°	440.3	440.3	440.3	439.5	439.5	422.0	403.7	386.2	367.9	359.1	350.3
57.5°	484.1	484.9	485.7	486.5	487.3	469.8	453.1	435.5	418.0	408.5	399.7
60°	528.7	531.1	532.7	535.1	536.7	519.9	503.2	485.7	469.0	461.0	452.3
62.5°	571.7	574.9	578.1	581.3	584.4	570.9	557.4	543.0	529.5	519.9	511.2
65°	623.5	626.6	629.8	632.2	635.4	625.0	614.7	603.5	593.2	583.6	574.1
67.5°	671.2	675.2	679.2	683.2	687.2	679.2	672.0	664.1	656.1	645.0	634.6
70°	713.4	717.4	722.2	726.2	730.1	722.2	714.2	706.3	698.3	688.7	679.2
72.5°	747.7	750.9	753.2	756.4	758.8	749.3	739.7	730.1	720.6	709.4	699.1
75°	715.0	719.0	723.0	727.0	730.9	723.8	716.6	708.7	701.5	693.5	685.6
77.5°	595.6	600.4	605.1	609.9	614.7	614.7	614.7	613.9	613.9	615.5	616.3
80°	312.9	328.8	344.8	360.7	376.6	393.3	410.1	426.8	443.5	457.8	472.2
82.5°	65.3	72.5	78.8	86.0	92.4	106.7	120.2	134.6	148.1	180.7	213.4
85°	22.3	24.7	27.9	30.3	32.6	35.0	38.2	40.6	43.0	54.1	65.3
87.5°	2.4	2.4	2.4	2.4	2.4	3.2	4.0	4.0	4.8	5.6	6.4
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: P560111

CATALOG NUMBER: SDL-PA1-20-830-U-5WQ

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9
2.5°	192.7	191.9	191.9	191.1	191.1	190.3	189.5	188.7	187.9	187.1	186.3
5°	170.4	166.4	165.6	164.8	164.0	163.2	163.2	163.2	163.2	163.2	163.2
7.5°	154.5	156.1	156.9	157.7	157.7	158.5	158.5	159.2	159.2	159.2	158.5
10°	125.8	126.6	129.0	131.4	133.0	135.4	135.4	135.4	134.6	134.6	138.5
12.5°	113.9	113.1	114.7	116.3	117.8	119.4	125.0	130.6	135.4	140.9	144.1
15°	99.5	99.5	100.3	101.9	102.7	103.5	106.7	109.1	112.3	114.7	119.4
17.5°	109.9	111.5	107.5	103.5	98.7	94.8	102.7	110.7	118.6	126.6	130.6
20°	104.3	106.7	109.9	112.3	115.5	117.8	118.6	118.6	119.4	119.4	119.4
22.5°	109.1	104.3	108.3	113.1	117.0	121.0	119.4	117.8	116.3	114.7	121.8
25°	121.0	125.0	121.8	118.6	115.5	112.3	118.6	125.8	132.2	138.5	136.2
27.5°	124.2	121.0	125.0	129.0	133.0	137.0	134.6	133.0	130.6	128.2	133.0
30°	140.9	137.0	135.4	133.8	131.4	129.8	133.8	137.0	140.9	144.1	143.3
32.5°	155.3	147.3	147.3	147.3	146.5	146.5	146.5	147.3	147.3	147.3	152.9
35°	168.8	162.4	160.8	159.2	157.7	156.1	157.7	159.2	160.0	161.6	168.8
37.5°	176.0	168.8	168.8	168.8	168.8	168.8	169.6	171.2	172.0	172.8	180.7
40°	187.1	178.4	179.2	180.7	181.5	182.3	183.9	186.3	187.9	189.5	196.7
42.5°	203.0	193.5	194.3	195.9	196.7	197.5	200.7	203.0	206.2	208.6	216.6
45°	221.4	211.8	213.4	214.2	215.8	216.6	219.8	222.9	225.3	228.5	238.9
47.5°	244.4	234.9	237.3	238.9	241.3	242.9	245.2	246.8	249.2	250.8	262.0
50°	269.9	260.4	263.6	266.7	269.9	273.1	273.9	273.9	274.7	274.7	289.0
52.5°	302.6	293.0	296.2	300.2	303.4	306.6	308.1	309.7	310.5	312.1	326.5
55°	340.8	332.0	336.8	341.6	346.4	351.1	351.9	352.7	352.7	353.5	367.9
57.5°	390.2	380.6	387.0	394.1	400.5	406.9	406.9	406.1	406.1	405.3	419.6
60°	444.3	435.5	443.5	452.3	460.2	468.2	465.8	463.4	460.2	457.8	473.8
62.5°	501.6	492.1	504.0	516.0	527.9	539.8	535.1	531.1	526.3	521.5	538.3
65°	563.7	554.2	568.5	582.8	597.2	611.5	602.8	594.0	584.4	575.7	594.8
67.5°	623.5	612.3	627.4	641.8	656.9	671.2	660.9	650.5	640.2	629.8	652.1
70°	669.6	660.1	673.6	687.2	700.7	714.2	703.9	693.5	683.2	672.8	699.9
72.5°	687.9	676.8	693.5	711.0	727.8	744.5	734.1	723.8	712.6	702.3	730.1
75°	677.6	669.6	692.7	715.0	738.1	760.4	745.3	730.1	715.0	699.9	724.6
77.5°	617.9	618.7	651.3	683.2	715.8	747.7	720.6	693.5	666.5	639.4	651.3
80°	486.5	500.8	538.3	575.7	612.3	649.7	610.7	572.5	533.5	494.5	486.5
82.5°	245.2	277.9	319.3	361.5	402.9	444.3	405.3	367.1	328.0	289.0	264.4
85°	76.4	87.6	104.3	121.0	137.7	154.5	134.6	114.7	94.8	74.8	66.9
87.5°	6.4	7.2	7.2	6.4	6.4	5.6	6.4	7.2	7.2	8.0	7.2
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: P560111

CATALOG NUMBER: SDL-PA1-20-830-U-5WQ

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9
2.5°	185.5	183.9	183.1	180.7	178.4	176.0	173.6	173.6	174.4	174.4	174.4
5°	163.2	163.2	163.2	163.2	163.2	163.2	163.2	163.2	164.0	164.0	164.0
7.5°	157.7	156.9	156.1	155.3	155.3	154.5	153.7	151.3	148.1	145.7	142.5
10°	143.3	147.3	151.3	152.9	154.5	155.3	156.9	156.9	157.7	157.7	157.7
12.5°	148.1	151.3	154.5	153.7	152.9	152.1	151.3	148.1	144.1	140.9	137.0
15°	124.2	128.2	133.0	138.5	144.9	150.5	156.1	156.9	157.7	158.5	159.2
17.5°	135.4	139.3	143.3	144.9	147.3	148.9	150.5	147.3	143.3	140.1	136.2
20°	118.6	118.6	117.8	127.4	137.7	147.3	156.9	158.5	160.0	160.8	162.4
22.5°	128.2	135.4	141.7	140.9	140.1	139.3	138.5	138.5	138.5	137.7	137.7
25°	134.6	132.2	129.8	138.5	146.5	155.3	163.2	164.8	166.4	167.2	168.8
27.5°	138.5	143.3	148.1	146.5	144.9	142.5	140.9	141.7	143.3	144.1	144.9
30°	143.3	142.5	141.7	150.5	158.5	167.2	175.2	176.0	176.8	176.8	177.6
32.5°	157.7	163.2	168.0	172.0	176.8	180.7	184.7	191.9	199.9	207.0	214.2
35°	176.0	182.3	189.5	197.5	205.4	213.4	221.4	222.9	225.3	226.9	228.5
37.5°	187.9	195.9	203.0	211.8	220.6	228.5	237.3	238.9	239.7	241.3	242.1
40°	203.8	211.0	218.2	227.7	237.3	246.0	255.6	257.2	258.0	259.6	260.4
42.5°	223.7	231.7	238.9	248.4	257.2	266.7	275.5	276.3	277.9	278.7	279.5
45°	248.4	258.8	268.3	277.1	285.1	293.8	301.8	302.6	303.4	303.4	304.2
47.5°	273.1	283.5	294.6	303.4	312.1	320.1	328.8	330.4	331.2	332.8	333.6
50°	302.6	316.9	330.4	338.4	347.2	355.1	363.1	363.9	365.5	366.3	367.1
52.5°	340.0	354.3	367.9	375.8	384.6	392.5	400.5	401.3	401.3	402.1	402.1
55°	382.2	396.5	410.9	418.8	426.8	434.7	442.7	442.7	442.7	441.9	441.9
57.5°	433.9	447.5	461.8	469.8	477.7	485.7	493.7	493.7	493.7	493.7	493.7
60°	490.5	506.4	522.3	529.5	536.7	543.8	551.0	549.4	547.0	545.4	543.0
62.5°	554.2	570.9	586.8	592.4	597.2	602.8	607.5	605.1	602.0	599.6	596.4
65°	613.9	633.0	652.1	656.1	660.1	663.3	667.2	663.3	659.3	654.5	650.5
67.5°	674.4	695.9	718.2	719.8	721.4	723.0	724.6	720.6	716.6	711.8	707.9
70°	727.0	754.0	781.1	781.9	782.7	783.5	784.3	780.3	776.3	771.6	767.6
72.5°	757.2	785.1	812.2	814.6	816.1	818.5	820.1	816.1	813.0	809.0	805.0
75°	748.5	773.1	797.0	794.6	792.3	789.1	786.7	780.3	773.9	766.8	760.4
77.5°	663.3	674.4	686.4	673.6	660.1	647.3	633.8	627.4	620.3	613.9	606.7
80°	478.5	469.8	461.8	437.9	414.0	389.4	365.5	349.5	333.6	317.7	301.8
82.5°	240.5	215.8	191.1	169.6	148.1	125.8	104.3	96.3	87.6	79.6	70.9
85°	59.7	51.8	43.8	40.6	37.4	34.2	31.1	27.1	23.9	19.9	15.9
87.5°	7.2	6.4	5.6	4.8	4.8	4.0	3.2	3.2	3.2	2.4	2.4
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: P560111

CATALOG NUMBER: SDL-PA1-20-830-U-5WQ

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	195.9	195.9
2.5°	174.4	173.6
5°	164.0	164.0
7.5°	141.7	140.1
10°	157.7	157.7
12.5°	137.7	138.5
15°	159.2	159.2
17.5°	136.2	135.4
20°	162.4	162.4
22.5°	137.7	137.7
25°	168.8	168.0
27.5°	144.9	144.9
30°	177.6	177.6
32.5°	215.0	215.8
35°	229.3	229.3
37.5°	242.9	242.9
40°	260.4	259.6
42.5°	280.3	280.3
45°	305.0	305.0
47.5°	334.4	335.2
50°	367.1	367.1
52.5°	402.1	401.3
55°	441.9	441.9
57.5°	491.3	488.1
60°	542.2	541.4
62.5°	595.6	594.0
65°	649.7	648.1
67.5°	707.1	705.5
70°	767.6	766.8
72.5°	802.6	800.2
75°	758.8	757.2
77.5°	600.4	593.2
80°	297.8	293.8
82.5°	70.9	70.9
85°	15.1	14.3
87.5°	2.4	2.4
90°	0.0	0.0

(END OF REPORT)