

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: P560287

Luminaire Tested: **SDL-PA1-30-830-U-5WQ**

Issue Date: 7/26/2021

Test Information

Test Method: LM-79-08
Report Number: P560287
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-PA1-30-830-U-5WQ
Description: Springdale
(1) 80 CRI, 3000K, 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: 3121.4 lumens
Efficiency: N/A
Efficacy: 103.7 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): 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

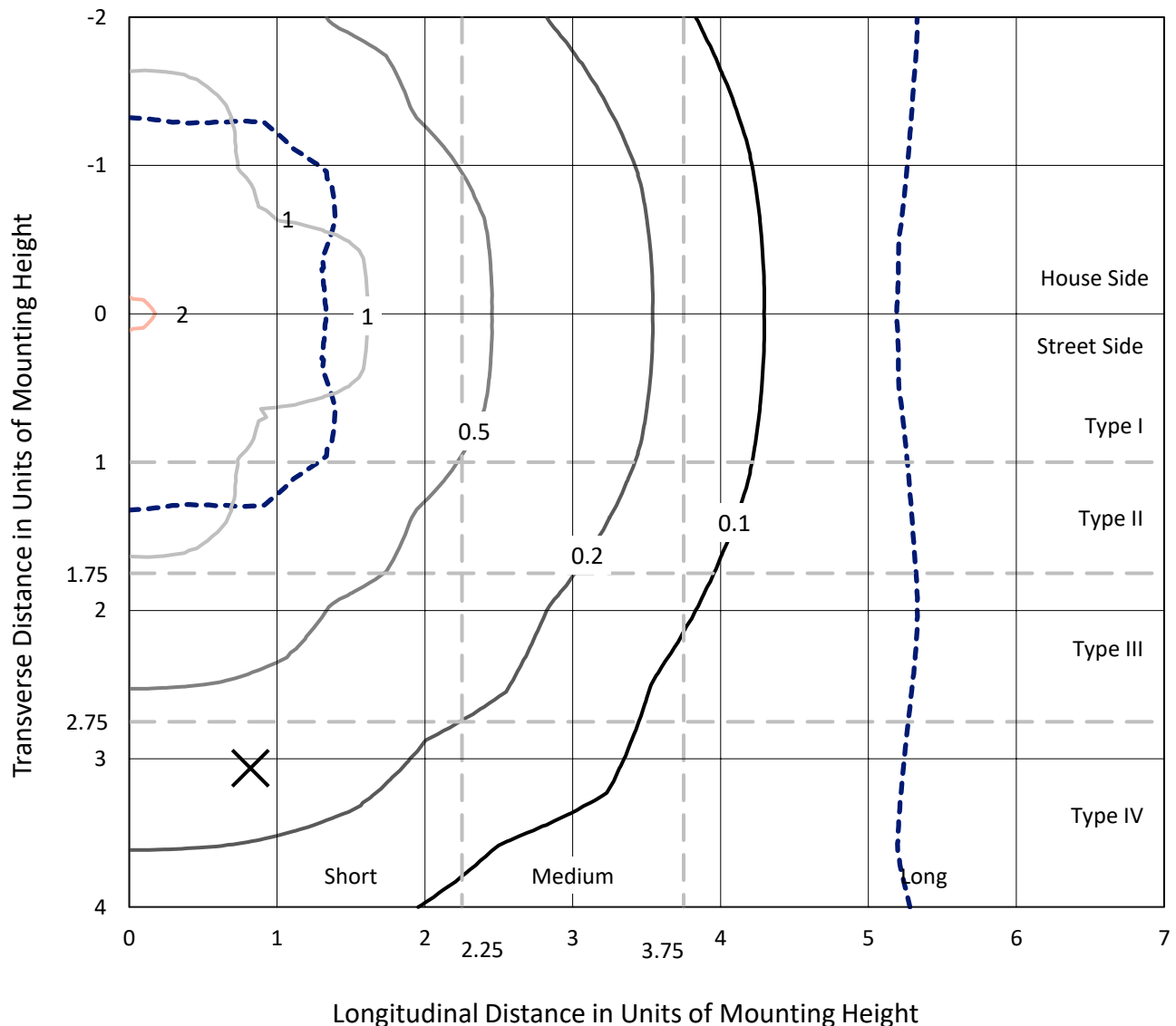


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 --- 1/2 Max cd

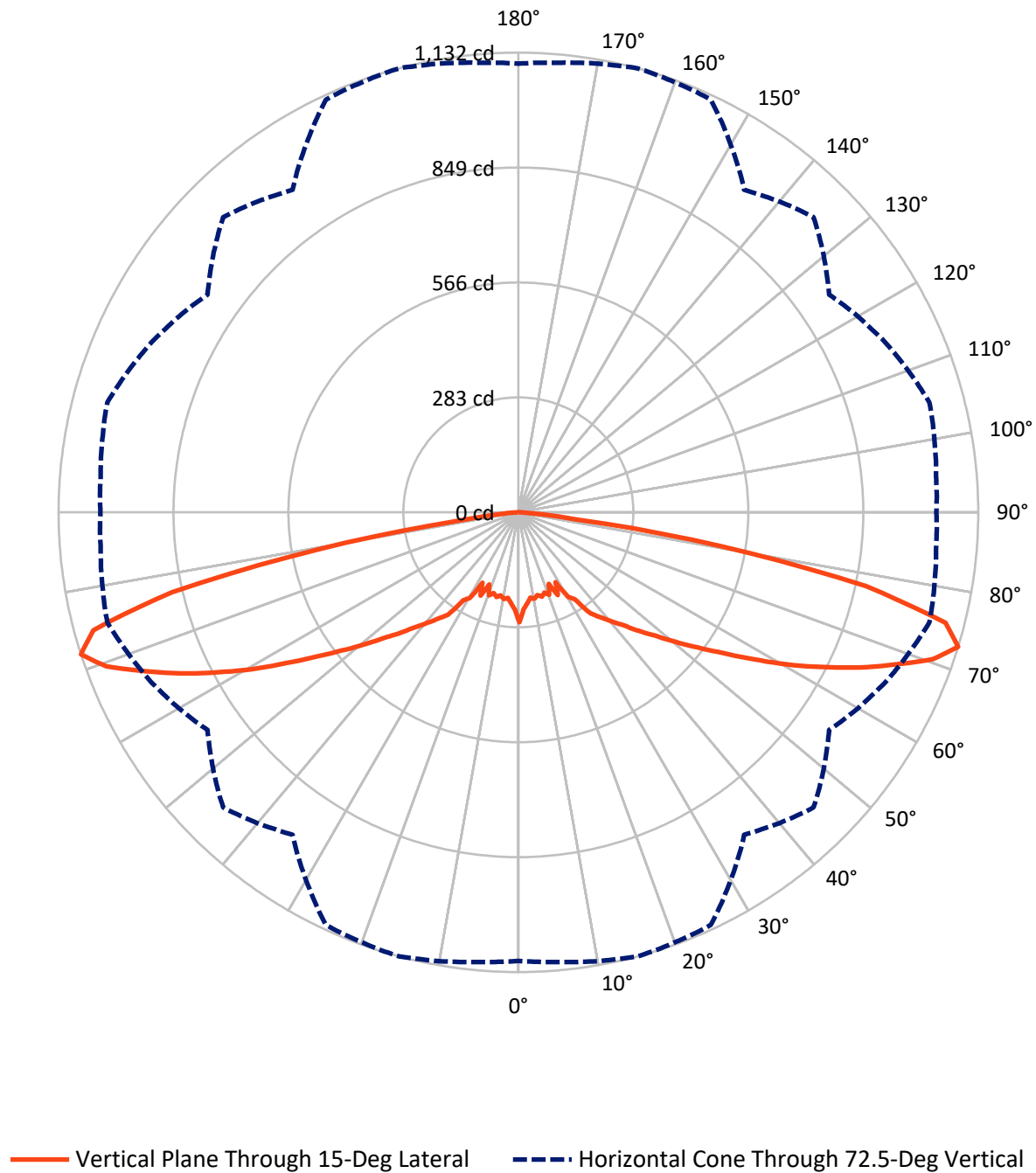


Based on 10 foot mounting height. Maximum calculated value = 2.7 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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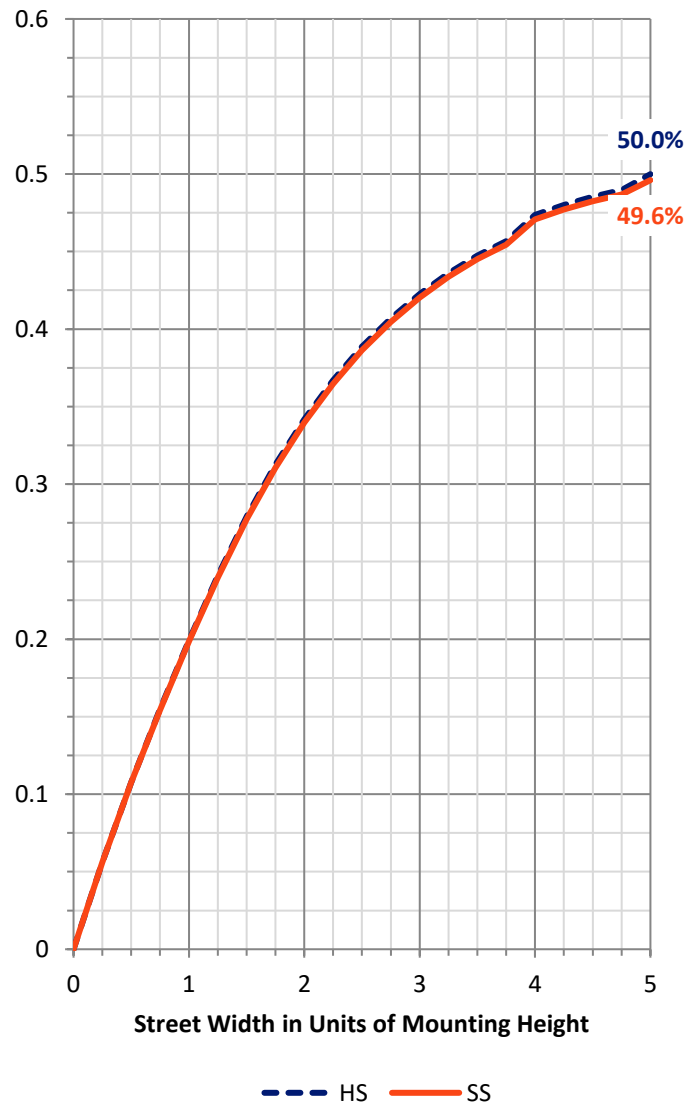
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1560.7	0.0	1560.7
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1560.7	0.0	1560.7
	% Fixture	50.0	0.0	50.0
Total	Lumens	3121.4	0.0	3121.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.2	0.7
10°-20°	49.3	1.6
20°-30°	87.9	2.8
30°-40°	168.2	5.4
40°-50°	286.4	9.2
50°-60°	501.4	16.1
60°-70°	846.0	27.1
70°-80°	986.8	31.6
80°-90°	174.1	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°	3121.4	100.0
0°-180°	3121.4	100.0

Coefficient of Utilization



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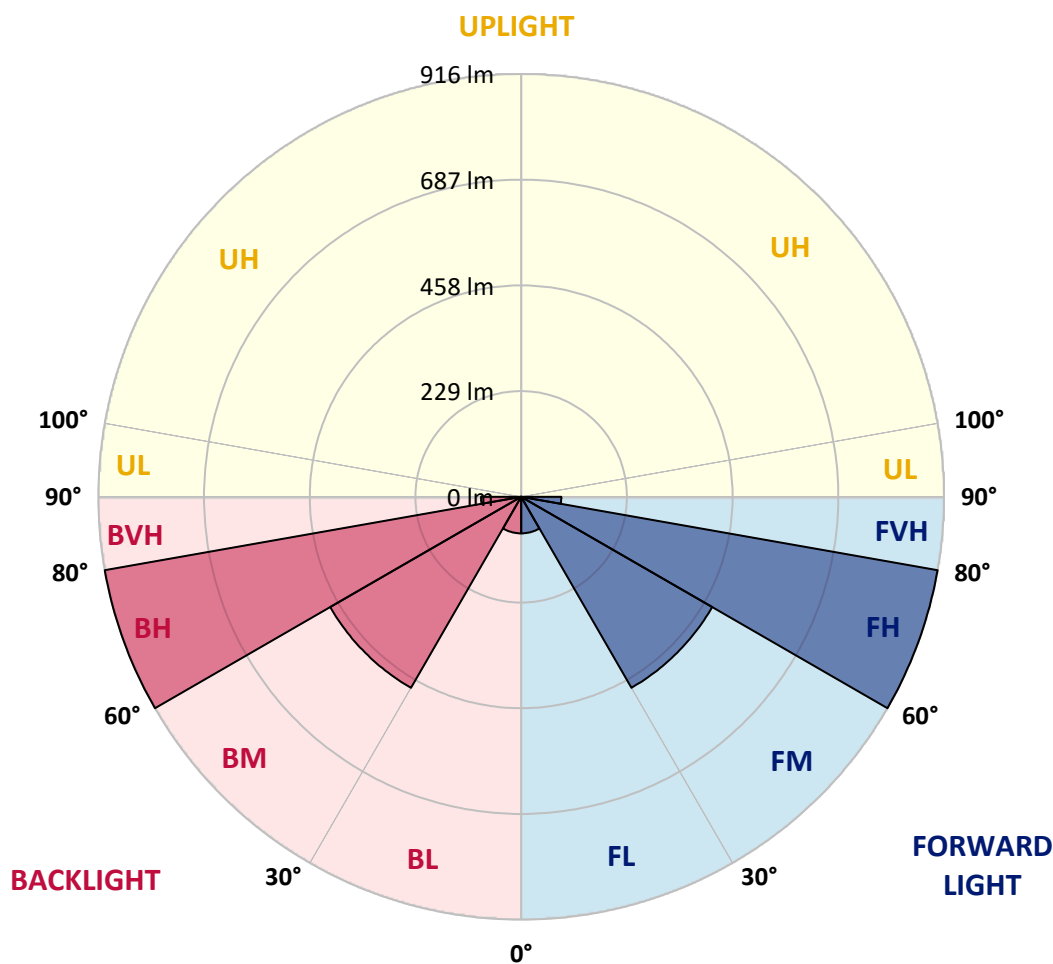
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	79.2	2.5			
FM	(30°-60°)	478.0	15.3			
FH	(60°-80°)	916.4	29.4			G1/1800
FVH	(80°-90°)	87.0	2.8			G1/100
BL	(0°-30°)	79.2	2.5	B0/110		
BM	(30°-60°)	478.0	15.3	B1/1000		
BH	(60°-80°)	916.4	29.4	B2/1000		G1/1800
BVH	(80°-90°)	87.0	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



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2
2.5°	239.5	240.6	240.6	240.6	240.6	239.5	239.5	242.8	246.1	249.4	252.7
5°	226.3	226.3	226.3	226.3	226.3	225.2	225.2	225.2	225.2	225.2	225.2
7.5°	193.3	195.5	196.6	201.0	204.3	208.7	212.0	213.1	214.2	214.2	215.3
10°	217.5	217.5	217.5	217.5	217.5	216.4	216.4	214.2	213.1	210.9	208.7
12.5°	191.2	190.1	189.0	194.4	198.8	204.3	208.7	209.8	210.9	212.0	213.1
15°	219.7	219.7	219.7	218.6	217.5	216.4	215.3	207.6	199.9	191.2	183.5
17.5°	186.8	187.9	187.9	193.3	197.7	203.2	207.6	205.4	203.2	199.9	197.7
20°	224.1	224.1	224.1	221.9	220.8	218.6	216.4	203.2	190.1	175.8	162.6
22.5°	190.1	190.1	190.1	190.1	191.2	191.2	191.2	192.2	193.3	194.4	195.5
25°	231.8	232.9	232.9	230.7	229.6	227.4	225.2	214.2	202.1	191.2	179.1
27.5°	199.9	199.9	199.9	198.8	197.7	195.5	194.4	196.6	199.9	202.1	204.3
30°	245.0	245.0	245.0	243.9	243.9	242.8	241.7	230.7	218.6	207.6	195.5
32.5°	297.7	296.6	295.5	285.6	275.7	264.8	254.9	249.4	243.9	237.3	231.8
35°	316.4	316.4	315.3	313.1	310.9	307.6	305.4	294.4	283.4	272.4	261.5
37.5°	335.1	335.1	334.0	332.9	330.7	329.6	327.4	315.3	304.3	292.2	280.1
40°	358.1	359.2	359.2	358.1	355.9	354.8	352.6	339.5	327.4	314.2	301.0
42.5°	386.7	386.7	385.6	384.5	383.4	381.2	380.1	368.0	354.8	342.8	329.6
45°	420.8	420.8	419.7	418.6	418.6	417.5	416.4	405.4	393.3	382.3	370.2
47.5°	462.5	461.4	460.3	459.2	457.0	455.9	453.7	441.6	430.6	418.6	406.5
50°	506.4	506.4	506.4	505.3	504.2	502.0	500.9	490.0	479.0	466.9	455.9
52.5°	553.7	554.8	554.8	554.8	553.7	553.7	552.6	541.6	530.6	518.5	507.5
55°	609.7	609.7	609.7	609.7	610.8	610.8	610.8	599.8	588.8	577.8	566.9
57.5°	673.4	677.8	681.1	681.1	681.1	681.1	681.1	670.1	659.1	648.2	637.2
60°	747.0	748.1	749.2	752.5	754.7	758.0	760.2	750.3	740.4	730.5	720.7
62.5°	819.5	821.7	822.8	827.2	830.5	834.9	838.2	831.6	823.9	817.3	809.6
65°	894.2	896.4	897.5	903.0	909.6	915.1	920.6	915.1	910.7	905.2	899.7
67.5°	973.3	975.5	976.6	982.1	988.7	994.2	999.7	997.5	995.3	993.1	990.9
70°	1057.9	1059.0	1059.0	1064.5	1071.1	1076.6	1082.1	1081.0	1079.9	1078.8	1077.7
72.5°	1104.1	1107.4	1110.7	1116.1	1121.6	1126.0	1131.5	1129.3	1126.0	1123.8	1120.5
75°	1044.7	1046.9	1049.1	1057.9	1067.8	1076.6	1085.4	1088.7	1093.1	1096.4	1099.7
77.5°	818.4	828.3	837.1	847.0	855.8	865.7	874.5	893.1	910.7	929.4	947.0
80°	405.4	410.9	416.4	438.3	460.3	482.3	504.2	537.2	571.3	604.2	637.2
82.5°	97.8	97.8	97.8	109.9	120.8	132.9	143.9	173.6	204.3	234.0	263.7
85°	19.8	20.9	22.0	27.5	33.0	37.4	42.8	47.2	51.6	56.0	60.4
87.5°	3.3	3.3	3.3	3.3	4.4	4.4	4.4	5.5	6.6	6.6	7.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2
2.5°	253.8	256.0	257.1	258.2	259.3	260.4	261.5	262.6	263.7	263.7	264.8
5°	225.2	225.2	225.2	225.2	225.2	225.2	225.2	225.2	226.3	227.4	228.5
7.5°	216.4	217.5	218.6	219.7	219.7	219.7	218.6	218.6	217.5	217.5	216.4
10°	203.2	197.7	191.2	185.7	185.7	186.8	186.8	186.8	183.5	181.3	178.0
12.5°	208.7	204.3	198.8	194.4	186.8	180.2	172.5	164.8	162.6	160.4	158.2
15°	176.9	171.4	164.8	158.2	154.9	150.5	147.2	142.8	141.7	140.6	138.4
17.5°	192.2	186.8	180.2	174.7	163.7	152.7	141.7	130.7	136.2	142.8	148.3
20°	163.7	163.7	164.8	164.8	164.8	163.7	163.7	162.6	159.3	154.9	151.6
22.5°	186.8	176.9	168.1	158.2	160.4	162.6	164.8	167.0	161.5	156.0	149.4
25°	182.4	185.7	187.9	191.2	182.4	173.6	163.7	154.9	159.3	163.7	168.1
27.5°	197.7	191.2	183.5	176.9	180.2	183.5	185.7	189.0	183.5	178.0	172.5
30°	196.6	197.7	197.7	198.8	194.4	189.0	184.6	179.1	181.3	184.6	186.8
32.5°	225.2	217.5	210.9	203.2	203.2	203.2	202.1	202.1	202.1	203.2	203.2
35°	251.6	242.8	232.9	223.0	220.8	219.7	217.5	215.3	217.5	219.7	221.9
37.5°	270.2	259.3	249.4	238.4	237.3	236.2	234.0	232.9	232.9	232.9	232.9
40°	291.1	281.2	271.3	261.5	259.3	257.1	253.8	251.6	250.5	249.4	247.2
42.5°	319.7	308.7	298.8	287.8	284.5	280.1	276.8	272.4	271.3	270.2	268.1
45°	357.0	342.8	329.6	315.3	310.9	307.6	303.2	298.8	297.7	295.5	294.4
47.5°	391.1	376.8	361.4	346.0	343.9	340.6	338.4	335.1	332.9	329.6	327.4
50°	437.2	417.5	398.8	379.0	379.0	377.9	377.9	376.8	372.4	368.0	363.6
52.5°	488.9	469.1	450.4	430.6	428.4	427.3	425.1	422.9	418.6	414.2	408.7
55°	547.1	527.3	507.5	487.8	486.7	486.7	485.6	484.5	477.9	471.3	464.7
57.5°	617.4	598.7	578.9	559.2	560.3	560.3	561.4	561.4	552.6	543.8	533.9
60°	698.7	676.7	653.6	631.7	635.0	639.4	642.7	646.0	635.0	624.0	611.9
62.5°	787.7	764.6	742.6	719.6	726.2	732.7	738.2	744.8	728.3	711.9	695.4
65°	873.4	847.0	820.6	794.3	806.3	819.5	831.6	843.7	823.9	804.2	784.4
67.5°	960.1	930.5	899.7	869.0	883.2	897.5	911.8	926.1	906.3	885.4	865.7
70°	1040.3	1003.0	965.6	928.3	942.6	956.9	971.1	985.4	966.7	948.1	929.4
72.5°	1083.2	1044.7	1007.4	968.9	983.2	998.6	1012.9	1027.2	1004.1	981.0	956.9
75°	1066.7	1032.7	999.7	965.6	986.5	1007.4	1028.3	1049.1	1018.4	986.5	955.8
77.5°	930.5	915.1	898.6	882.1	919.5	956.9	994.2	1031.6	987.6	942.6	898.6
80°	648.2	660.2	671.2	682.2	736.0	789.9	842.6	896.4	844.8	794.3	742.6
82.5°	297.7	331.8	364.7	398.8	452.6	506.4	559.2	613.0	555.9	498.7	440.5
85°	71.4	82.4	92.3	103.3	130.7	158.2	185.7	213.1	190.1	167.0	143.9
87.5°	8.8	9.9	9.9	11.0	9.9	9.9	8.8	7.7	8.8	8.8	9.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2
2.5°	264.8	265.9	265.9	267.0	267.0	267.0	267.0	265.9	265.9	265.9	267.0
5°	229.6	235.1	239.5	245.0	249.4	251.6	254.9	257.1	259.3	260.4	260.4
7.5°	215.3	213.1	209.8	207.6	204.3	208.7	214.2	218.6	223.0	224.1	225.2
10°	174.7	173.6	171.4	170.3	168.1	169.2	171.4	172.5	173.6	179.1	185.7
12.5°	156.0	157.1	158.2	159.3	160.4	157.1	153.8	149.4	146.1	151.6	157.1
15°	137.3	137.3	138.4	138.4	138.4	142.8	147.2	151.6	156.0	163.7	172.5
17.5°	153.8	151.6	149.4	146.1	143.9	145.0	145.0	146.1	146.1	150.5	153.8
20°	147.2	143.9	141.7	138.4	135.1	140.6	146.1	151.6	157.1	165.9	174.7
22.5°	143.9	150.5	156.0	162.6	168.1	164.8	161.5	157.1	153.8	153.8	153.8
25°	172.5	167.0	161.5	156.0	150.5	160.4	169.2	179.1	187.9	194.4	199.9
27.5°	167.0	171.4	175.8	179.1	183.5	189.0	194.4	199.9	205.4	215.3	224.1
30°	189.0	194.4	199.9	204.3	209.8	224.1	237.3	251.6	264.8	271.3	277.9
32.5°	203.2	214.2	224.1	235.1	245.0	252.7	260.4	268.1	275.7	282.3	290.0
35°	224.1	232.9	240.6	249.4	257.1	265.9	274.6	282.3	291.1	297.7	304.3
37.5°	232.9	242.8	252.7	261.5	271.3	282.3	292.2	303.2	313.1	318.6	323.0
40°	246.1	258.2	270.2	282.3	294.4	305.4	316.4	327.4	338.4	342.8	347.1
42.5°	267.0	280.1	293.3	305.4	318.6	330.7	341.7	353.7	364.7	369.1	373.5
45°	292.2	305.4	318.6	331.8	344.9	358.1	371.3	384.5	397.7	403.2	408.7
47.5°	324.1	337.3	351.5	364.7	377.9	394.4	409.8	426.2	441.6	446.0	450.4
50°	359.2	372.4	385.6	398.8	412.0	432.8	452.6	473.5	493.3	495.5	498.7
52.5°	404.3	417.5	429.5	442.7	454.8	477.9	500.9	522.9	546.0	547.1	549.3
55°	458.1	470.2	483.4	495.5	507.5	532.8	557.0	582.2	606.4	606.4	607.5
57.5°	525.1	538.3	551.5	563.6	576.7	600.9	625.1	648.2	672.3	671.2	670.1
60°	600.9	613.0	624.0	636.1	647.1	670.1	694.3	717.4	740.4	738.2	734.9
62.5°	678.9	692.1	705.3	717.4	730.5	749.2	769.0	787.7	806.3	802.0	797.6
65°	764.6	777.8	792.1	805.2	818.4	832.7	848.1	862.4	876.7	872.3	869.0
67.5°	844.8	860.2	875.6	889.8	905.2	916.2	927.2	937.1	948.1	942.6	937.1
70°	910.7	923.9	937.1	950.3	963.4	974.4	985.4	996.4	1007.4	1001.9	996.4
72.5°	933.8	949.2	964.5	978.8	994.2	1007.4	1020.6	1033.8	1046.9	1043.6	1039.2
75°	923.9	934.9	945.9	956.9	967.8	977.7	988.7	998.6	1008.5	1003.0	997.5
77.5°	853.6	852.5	850.3	849.2	847.0	847.0	848.1	848.1	848.1	841.5	834.9
80°	691.0	671.2	651.4	631.7	611.9	588.8	565.8	542.7	519.6	497.7	475.7
82.5°	383.4	338.4	294.4	249.4	204.3	185.7	165.9	147.2	127.4	118.6	108.8
85°	120.8	105.5	90.1	74.7	59.3	56.0	52.7	48.3	45.0	41.7	38.4
87.5°	9.9	8.8	8.8	7.7	6.6	5.5	5.5	4.4	3.3	3.3	3.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2
2.5°	267.0	267.0	267.0	267.0	267.0	267.0	267.0	267.0	265.9	265.9	265.9
5°	261.5	261.5	261.5	261.5	261.5	261.5	261.5	260.4	260.4	259.3	257.1
7.5°	225.2	226.3	226.3	225.2	226.3	226.3	225.2	225.2	224.1	223.0	218.6
10°	191.2	196.6	196.6	196.6	196.6	196.6	191.2	185.7	179.1	173.6	172.5
12.5°	162.6	168.1	168.1	168.1	168.1	168.1	162.6	157.1	151.6	146.1	149.4
15°	180.2	187.9	187.9	187.9	187.9	187.9	180.2	172.5	163.7	156.0	151.6
17.5°	158.2	161.5	162.6	162.6	162.6	161.5	158.2	153.8	150.5	146.1	146.1
20°	182.4	191.2	192.2	193.3	192.2	191.2	182.4	174.7	165.9	157.1	151.6
22.5°	152.7	152.7	153.8	153.8	153.8	152.7	152.7	153.8	153.8	153.8	157.1
25°	206.5	212.0	212.0	210.9	212.0	212.0	206.5	199.9	194.4	187.9	179.1
27.5°	234.0	242.8	245.0	246.1	245.0	242.8	234.0	224.1	215.3	205.4	199.9
30°	284.5	291.1	291.1	291.1	291.1	291.1	284.5	277.9	271.3	264.8	251.6
32.5°	296.6	303.2	303.2	303.2	303.2	303.2	296.6	290.0	282.3	275.7	268.1
35°	309.8	316.4	317.5	317.5	317.5	316.4	309.8	304.3	297.7	291.1	282.3
37.5°	328.5	332.9	334.0	335.1	334.0	332.9	328.5	323.0	318.6	313.1	303.2
40°	350.4	354.8	354.8	354.8	354.8	354.8	350.4	347.1	342.8	338.4	327.4
42.5°	377.9	382.3	383.4	384.5	383.4	382.3	377.9	373.5	369.1	364.7	353.7
45°	413.1	418.6	419.7	420.8	419.7	418.6	413.1	408.7	403.2	397.7	384.5
47.5°	454.8	459.2	459.2	459.2	459.2	459.2	454.8	450.4	446.0	441.6	426.2
50°	500.9	503.1	504.2	504.2	504.2	503.1	500.9	498.7	495.5	493.3	473.5
52.5°	550.4	551.5	551.5	550.4	551.5	551.5	550.4	549.3	547.1	546.0	522.9
55°	607.5	607.5	606.4	604.2	606.4	607.5	607.5	607.5	606.4	606.4	582.2
57.5°	669.0	667.9	667.9	666.8	667.9	667.9	669.0	670.1	671.2	672.3	648.2
60°	732.7	729.4	728.3	726.2	728.3	729.4	732.7	734.9	738.2	740.4	717.4
62.5°	793.2	788.8	788.8	788.8	788.8	788.8	793.2	797.6	802.0	806.3	787.7
65°	864.6	860.2	858.0	855.8	858.0	860.2	864.6	869.0	872.3	876.7	862.4
67.5°	931.6	926.1	923.9	920.6	923.9	926.1	931.6	937.1	942.6	948.1	937.1
70°	989.8	984.3	983.2	982.1	983.2	984.3	989.8	996.4	1001.9	1007.4	996.4
72.5°	1035.9	1031.6	1030.5	1028.3	1030.5	1031.6	1035.9	1039.2	1043.6	1046.9	1033.8
75°	992.0	986.5	983.2	978.8	983.2	986.5	992.0	997.5	1003.0	1008.5	998.6
77.5°	828.3	821.7	819.5	816.2	819.5	821.7	828.3	834.9	841.5	848.1	848.1
80°	453.7	431.7	426.2	419.7	426.2	431.7	453.7	475.7	497.7	519.6	542.7
82.5°	100.0	90.1	86.8	82.4	86.8	90.1	100.0	108.8	118.6	127.4	147.2
85°	34.1	30.8	28.6	26.4	28.6	30.8	34.1	38.4	41.7	45.0	48.3
87.5°	3.3	3.3	3.3	2.2	3.3	3.3	3.3	3.3	3.3	3.3	4.4
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: P560287

CATALOG NUMBER: SDL-PA1-30-830-U-5WQ

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2
2.5°	267.0	267.0	267.0	267.0	265.9	265.9	264.8	264.8	263.7	263.7	262.6
5°	254.9	251.6	249.4	245.0	239.5	235.1	229.6	228.5	227.4	226.3	225.2
7.5°	214.2	208.7	204.3	207.6	209.8	213.1	215.3	216.4	217.5	217.5	218.6
10°	171.4	169.2	168.1	170.3	171.4	173.6	174.7	178.0	181.3	183.5	186.8
12.5°	153.8	157.1	160.4	159.3	158.2	157.1	156.0	158.2	160.4	162.6	164.8
15°	147.2	142.8	138.4	138.4	138.4	137.3	137.3	138.4	140.6	141.7	142.8
17.5°	145.0	145.0	143.9	146.1	149.4	151.6	153.8	148.3	142.8	136.2	130.7
20°	146.1	140.6	135.1	138.4	141.7	143.9	147.2	151.6	154.9	159.3	162.6
22.5°	161.5	164.8	168.1	162.6	156.0	150.5	143.9	149.4	156.0	161.5	167.0
25°	169.2	160.4	150.5	156.0	161.5	167.0	172.5	168.1	163.7	159.3	154.9
27.5°	194.4	189.0	183.5	179.1	175.8	171.4	167.0	172.5	178.0	183.5	189.0
30°	237.3	224.1	209.8	204.3	199.9	194.4	189.0	186.8	184.6	181.3	179.1
32.5°	260.4	252.7	245.0	235.1	224.1	214.2	203.2	203.2	203.2	202.1	202.1
35°	274.6	265.9	257.1	249.4	240.6	232.9	224.1	221.9	219.7	217.5	215.3
37.5°	292.2	282.3	271.3	261.5	252.7	242.8	232.9	232.9	232.9	232.9	232.9
40°	316.4	305.4	294.4	282.3	270.2	258.2	246.1	247.2	249.4	250.5	251.6
42.5°	341.7	330.7	318.6	305.4	293.3	280.1	267.0	268.1	270.2	271.3	272.4
45°	371.3	358.1	344.9	331.8	318.6	305.4	292.2	294.4	295.5	297.7	298.8
47.5°	409.8	394.4	377.9	364.7	351.5	337.3	324.1	327.4	329.6	332.9	335.1
50°	452.6	432.8	412.0	398.8	385.6	372.4	359.2	363.6	368.0	372.4	376.8
52.5°	500.9	477.9	454.8	442.7	429.5	417.5	404.3	408.7	414.2	418.6	422.9
55°	557.0	532.8	507.5	495.5	483.4	470.2	458.1	464.7	471.3	477.9	484.5
57.5°	625.1	600.9	576.7	563.6	551.5	538.3	525.1	533.9	543.8	552.6	561.4
60°	694.3	670.1	647.1	636.1	624.0	613.0	600.9	611.9	624.0	635.0	646.0
62.5°	769.0	749.2	730.5	717.4	705.3	692.1	678.9	695.4	711.9	728.3	744.8
65°	848.1	832.7	818.4	805.2	792.1	777.8	764.6	784.4	804.2	823.9	843.7
67.5°	927.2	916.2	905.2	889.8	875.6	860.2	844.8	865.7	885.4	906.3	926.1
70°	985.4	974.4	963.4	950.3	937.1	923.9	910.7	929.4	948.1	966.7	985.4
72.5°	1020.6	1007.4	994.2	978.8	964.5	949.2	933.8	956.9	981.0	1004.1	1027.2
75°	988.7	977.7	967.8	956.9	945.9	934.9	923.9	955.8	986.5	1018.4	1049.1
77.5°	848.1	847.0	847.0	849.2	850.3	852.5	853.6	898.6	942.6	987.6	1031.6
80°	565.8	588.8	611.9	631.7	651.4	671.2	691.0	742.6	794.3	844.8	896.4
82.5°	165.9	185.7	204.3	249.4	294.4	338.4	383.4	440.5	498.7	555.9	613.0
85°	52.7	56.0	59.3	74.7	90.1	105.5	120.8	143.9	167.0	190.1	213.1
87.5°	5.5	5.5	6.6	7.7	8.8	8.8	9.9	9.9	8.8	8.8	7.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: SDL-PA1-30-830-U-5WQ

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2
2.5°	261.5	260.4	259.3	258.2	257.1	256.0	253.8	252.7	249.4	246.1	242.8
5°	225.2	225.2	225.2	225.2	225.2	225.2	225.2	225.2	225.2	225.2	225.2
7.5°	218.6	219.7	219.7	219.7	218.6	217.5	216.4	215.3	214.2	214.2	213.1
10°	186.8	186.8	185.7	185.7	191.2	197.7	203.2	208.7	210.9	213.1	214.2
12.5°	172.5	180.2	186.8	194.4	198.8	204.3	208.7	213.1	212.0	210.9	209.8
15°	147.2	150.5	154.9	158.2	164.8	171.4	176.9	183.5	191.2	199.9	207.6
17.5°	141.7	152.7	163.7	174.7	180.2	186.8	192.2	197.7	199.9	203.2	205.4
20°	163.7	163.7	164.8	164.8	164.8	163.7	163.7	162.6	175.8	190.1	203.2
22.5°	164.8	162.6	160.4	158.2	168.1	176.9	186.8	195.5	194.4	193.3	192.2
25°	163.7	173.6	182.4	191.2	187.9	185.7	182.4	179.1	191.2	202.1	214.2
27.5°	185.7	183.5	180.2	176.9	183.5	191.2	197.7	204.3	202.1	199.9	196.6
30°	184.6	189.0	194.4	198.8	197.7	197.7	196.6	195.5	207.6	218.6	230.7
32.5°	202.1	203.2	203.2	203.2	210.9	217.5	225.2	231.8	237.3	243.9	249.4
35°	217.5	219.7	220.8	223.0	232.9	242.8	251.6	261.5	272.4	283.4	294.4
37.5°	234.0	236.2	237.3	238.4	249.4	259.3	270.2	280.1	292.2	304.3	315.3
40°	253.8	257.1	259.3	261.5	271.3	281.2	291.1	301.0	314.2	327.4	339.5
42.5°	276.8	280.1	284.5	287.8	298.8	308.7	319.7	329.6	342.8	354.8	368.0
45°	303.2	307.6	310.9	315.3	329.6	342.8	357.0	370.2	382.3	393.3	405.4
47.5°	338.4	340.6	343.9	346.0	361.4	376.8	391.1	406.5	418.6	430.6	441.6
50°	377.9	377.9	379.0	379.0	398.8	417.5	437.2	455.9	466.9	479.0	490.0
52.5°	425.1	427.3	428.4	430.6	450.4	469.1	488.9	507.5	518.5	530.6	541.6
55°	485.6	486.7	486.7	487.8	507.5	527.3	547.1	566.9	577.8	588.8	599.8
57.5°	561.4	560.3	560.3	559.2	578.9	598.7	617.4	637.2	648.2	659.1	670.1
60°	642.7	639.4	635.0	631.7	653.6	676.7	698.7	720.7	730.5	740.4	750.3
62.5°	738.2	732.7	726.2	719.6	742.6	764.6	787.7	809.6	817.3	823.9	831.6
65°	831.6	819.5	806.3	794.3	820.6	847.0	873.4	899.7	905.2	910.7	915.1
67.5°	911.8	897.5	883.2	869.0	899.7	930.5	960.1	990.9	993.1	995.3	997.5
70°	971.1	956.9	942.6	928.3	965.6	1003.0	1040.3	1077.7	1078.8	1079.9	1081.0
72.5°	1012.9	998.6	983.2	968.9	1007.4	1044.7	1083.2	1120.5	1123.8	1126.0	1129.3
75°	1028.3	1007.4	986.5	965.6	999.7	1032.7	1066.7	1099.7	1096.4	1093.1	1088.7
77.5°	994.2	956.9	919.5	882.1	898.6	915.1	930.5	947.0	929.4	910.7	893.1
80°	842.6	789.9	736.0	682.2	671.2	660.2	648.2	637.2	604.2	571.3	537.2
82.5°	559.2	506.4	452.6	398.8	364.7	331.8	297.7	263.7	234.0	204.3	173.6
85°	185.7	158.2	130.7	103.3	92.3	82.4	71.4	60.4	56.0	51.6	47.2
87.5°	8.8	9.9	9.9	11.0	9.9	9.9	8.8	7.7	6.6	6.6	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: P560287

CATALOG NUMBER: SDL-PA1-30-830-U-5WQ

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2
2.5°	239.5	239.5	240.6	240.6	240.6	240.6	239.5	240.6	240.6	240.6	240.6
5°	225.2	225.2	226.3	226.3	226.3	226.3	226.3	226.3	226.3	226.3	226.3
7.5°	212.0	208.7	204.3	201.0	196.6	195.5	193.3	195.5	196.6	201.0	204.3
10°	216.4	216.4	217.5	217.5	217.5	217.5	217.5	217.5	217.5	217.5	217.5
12.5°	208.7	204.3	198.8	194.4	189.0	190.1	191.2	190.1	189.0	194.4	198.8
15°	215.3	216.4	217.5	218.6	219.7	219.7	219.7	219.7	219.7	218.6	217.5
17.5°	207.6	203.2	197.7	193.3	187.9	187.9	186.8	187.9	187.9	193.3	197.7
20°	216.4	218.6	220.8	221.9	224.1	224.1	224.1	224.1	224.1	221.9	220.8
22.5°	191.2	191.2	191.2	190.1	190.1	190.1	190.1	190.1	190.1	190.1	191.2
25°	225.2	227.4	229.6	230.7	232.9	232.9	231.8	232.9	232.9	230.7	229.6
27.5°	194.4	195.5	197.7	198.8	199.9	199.9	199.9	199.9	199.9	198.8	197.7
30°	241.7	242.8	243.9	243.9	245.0	245.0	245.0	245.0	245.0	243.9	243.9
32.5°	254.9	264.8	275.7	285.6	295.5	296.6	297.7	296.6	295.5	285.6	275.7
35°	305.4	307.6	310.9	313.1	315.3	316.4	316.4	316.4	315.3	313.1	310.9
37.5°	327.4	329.6	330.7	332.9	334.0	335.1	335.1	335.1	334.0	332.9	330.7
40°	352.6	354.8	355.9	358.1	359.2	359.2	358.1	359.2	359.2	358.1	355.9
42.5°	380.1	381.2	383.4	384.5	385.6	386.7	386.7	386.7	385.6	384.5	383.4
45°	416.4	417.5	418.6	418.6	419.7	420.8	420.8	420.8	419.7	418.6	418.6
47.5°	453.7	455.9	457.0	459.2	460.3	461.4	462.5	461.4	460.3	459.2	457.0
50°	500.9	502.0	504.2	505.3	506.4	506.4	506.4	506.4	506.4	505.3	504.2
52.5°	552.6	553.7	553.7	554.8	554.8	554.8	553.7	554.8	554.8	554.8	553.7
55°	610.8	610.8	610.8	609.7	609.7	609.7	609.7	609.7	609.7	609.7	610.8
57.5°	681.1	681.1	681.1	681.1	681.1	677.8	673.4	677.8	681.1	681.1	681.1
60°	760.2	758.0	754.7	752.5	749.2	748.1	747.0	748.1	749.2	752.5	754.7
62.5°	838.2	834.9	830.5	827.2	822.8	821.7	819.5	821.7	822.8	827.2	830.5
65°	920.6	915.1	909.6	903.0	897.5	896.4	894.2	896.4	897.5	903.0	909.6
67.5°	999.7	994.2	988.7	982.1	976.6	975.5	973.3	975.5	976.6	982.1	988.7
70°	1082.1	1076.6	1071.1	1064.5	1059.0	1059.0	1057.9	1059.0	1059.0	1064.5	1071.1
72.5°	1131.5	1126.0	1121.6	1116.1	1110.7	1107.4	1104.1	1107.4	1110.7	1116.1	1121.6
75°	1085.4	1076.6	1067.8	1057.9	1049.1	1046.9	1044.7	1046.9	1049.1	1057.9	1067.8
77.5°	874.5	865.7	855.8	847.0	837.1	828.3	818.4	828.3	837.1	847.0	855.8
80°	504.2	482.3	460.3	438.3	416.4	410.9	405.4	410.9	416.4	438.3	460.3
82.5°	143.9	132.9	120.8	109.9	97.8	97.8	97.8	97.8	97.8	109.9	120.8
85°	42.8	37.4	33.0	27.5	22.0	20.9	19.8	20.9	22.0	27.5	33.0
87.5°	4.4	4.4	4.4	3.3	3.3	3.3	3.3	3.3	3.3	3.3	4.4
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: P560287

CATALOG NUMBER: SDL-PA1-30-830-U-5WQ

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2
2.5°	239.5	239.5	242.8	246.1	249.4	252.7	253.8	256.0	257.1	258.2	259.3
5°	225.2	225.2	225.2	225.2	225.2	225.2	225.2	225.2	225.2	225.2	225.2
7.5°	208.7	212.0	213.1	214.2	214.2	215.3	216.4	217.5	218.6	219.7	219.7
10°	216.4	216.4	214.2	213.1	210.9	208.7	203.2	197.7	191.2	185.7	185.7
12.5°	204.3	208.7	209.8	210.9	212.0	213.1	208.7	204.3	198.8	194.4	186.8
15°	216.4	215.3	207.6	199.9	191.2	183.5	176.9	171.4	164.8	158.2	154.9
17.5°	203.2	207.6	205.4	203.2	199.9	197.7	192.2	186.8	180.2	174.7	163.7
20°	218.6	216.4	203.2	190.1	175.8	162.6	163.7	163.7	164.8	164.8	164.8
22.5°	191.2	191.2	192.2	193.3	194.4	195.5	186.8	176.9	168.1	158.2	160.4
25°	227.4	225.2	214.2	202.1	191.2	179.1	182.4	185.7	187.9	191.2	182.4
27.5°	195.5	194.4	196.6	199.9	202.1	204.3	197.7	191.2	183.5	176.9	180.2
30°	242.8	241.7	230.7	218.6	207.6	195.5	196.6	197.7	197.7	198.8	194.4
32.5°	264.8	254.9	249.4	243.9	237.3	231.8	225.2	217.5	210.9	203.2	203.2
35°	307.6	305.4	294.4	283.4	272.4	261.5	251.6	242.8	232.9	223.0	220.8
37.5°	329.6	327.4	315.3	304.3	292.2	280.1	270.2	259.3	249.4	238.4	237.3
40°	354.8	352.6	339.5	327.4	314.2	301.0	291.1	281.2	271.3	261.5	259.3
42.5°	381.2	380.1	368.0	354.8	342.8	329.6	319.7	308.7	298.8	287.8	284.5
45°	417.5	416.4	405.4	393.3	382.3	370.2	357.0	342.8	329.6	315.3	310.9
47.5°	455.9	453.7	441.6	430.6	418.6	406.5	391.1	376.8	361.4	346.0	343.9
50°	502.0	500.9	490.0	479.0	466.9	455.9	437.2	417.5	398.8	379.0	379.0
52.5°	553.7	552.6	541.6	530.6	518.5	507.5	488.9	469.1	450.4	430.6	428.4
55°	610.8	610.8	599.8	588.8	577.8	566.9	547.1	527.3	507.5	487.8	486.7
57.5°	681.1	681.1	670.1	659.1	648.2	637.2	617.4	598.7	578.9	559.2	560.3
60°	758.0	760.2	750.3	740.4	730.5	720.7	698.7	676.7	653.6	631.7	635.0
62.5°	834.9	838.2	831.6	823.9	817.3	809.6	787.7	764.6	742.6	719.6	726.2
65°	915.1	920.6	915.1	910.7	905.2	899.7	873.4	847.0	820.6	794.3	806.3
67.5°	994.2	999.7	997.5	995.3	993.1	990.9	960.1	930.5	899.7	869.0	883.2
70°	1076.6	1082.1	1081.0	1079.9	1078.8	1077.7	1040.3	1003.0	965.6	928.3	942.6
72.5°	1126.0	1131.5	1129.3	1126.0	1123.8	1120.5	1083.2	1044.7	1007.4	968.9	983.2
75°	1076.6	1085.4	1088.7	1093.1	1096.4	1099.7	1066.7	1032.7	999.7	965.6	986.5
77.5°	865.7	874.5	893.1	910.7	929.4	947.0	930.5	915.1	898.6	882.1	919.5
80°	482.3	504.2	537.2	571.3	604.2	637.2	648.2	660.2	671.2	682.2	736.0
82.5°	132.9	143.9	173.6	204.3	234.0	263.7	297.7	331.8	364.7	398.8	452.6
85°	37.4	42.8	47.2	51.6	56.0	60.4	71.4	82.4	92.3	103.3	130.7
87.5°	4.4	4.4	5.5	6.6	6.6	7.7	8.8	9.9	9.9	11.0	9.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: SDL-PA1-30-830-U-5WQ

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2
2.5°	260.4	261.5	262.6	263.7	263.7	264.8	264.8	265.9	265.9	267.0	267.0
5°	225.2	225.2	225.2	226.3	227.4	228.5	229.6	235.1	239.5	245.0	249.4
7.5°	219.7	218.6	218.6	217.5	217.5	216.4	215.3	213.1	209.8	207.6	204.3
10°	186.8	186.8	186.8	183.5	181.3	178.0	174.7	173.6	171.4	170.3	168.1
12.5°	180.2	172.5	164.8	162.6	160.4	158.2	156.0	157.1	158.2	159.3	160.4
15°	150.5	147.2	142.8	141.7	140.6	138.4	137.3	137.3	138.4	138.4	138.4
17.5°	152.7	141.7	130.7	136.2	142.8	148.3	153.8	151.6	149.4	146.1	143.9
20°	163.7	163.7	162.6	159.3	154.9	151.6	147.2	143.9	141.7	138.4	135.1
22.5°	162.6	164.8	167.0	161.5	156.0	149.4	143.9	150.5	156.0	162.6	168.1
25°	173.6	163.7	154.9	159.3	163.7	168.1	172.5	167.0	161.5	156.0	150.5
27.5°	183.5	185.7	189.0	183.5	178.0	172.5	167.0	171.4	175.8	179.1	183.5
30°	189.0	184.6	179.1	181.3	184.6	186.8	189.0	194.4	199.9	204.3	209.8
32.5°	203.2	202.1	202.1	202.1	203.2	203.2	203.2	214.2	224.1	235.1	245.0
35°	219.7	217.5	215.3	217.5	219.7	221.9	224.1	232.9	240.6	249.4	257.1
37.5°	236.2	234.0	232.9	232.9	232.9	232.9	232.9	242.8	252.7	261.5	271.3
40°	257.1	253.8	251.6	250.5	249.4	247.2	246.1	258.2	270.2	282.3	294.4
42.5°	280.1	276.8	272.4	271.3	270.2	268.1	267.0	280.1	293.3	305.4	318.6
45°	307.6	303.2	298.8	297.7	295.5	294.4	292.2	305.4	318.6	331.8	344.9
47.5°	340.6	338.4	335.1	332.9	329.6	327.4	324.1	337.3	351.5	364.7	377.9
50°	377.9	377.9	376.8	372.4	368.0	363.6	359.2	372.4	385.6	398.8	412.0
52.5°	427.3	425.1	422.9	418.6	414.2	408.7	404.3	417.5	429.5	442.7	454.8
55°	486.7	485.6	484.5	477.9	471.3	464.7	458.1	470.2	483.4	495.5	507.5
57.5°	560.3	561.4	561.4	552.6	543.8	533.9	525.1	538.3	551.5	563.6	576.7
60°	639.4	642.7	646.0	635.0	624.0	611.9	600.9	613.0	624.0	636.1	647.1
62.5°	732.7	738.2	744.8	728.3	711.9	695.4	678.9	692.1	705.3	717.4	730.5
65°	819.5	831.6	843.7	823.9	804.2	784.4	764.6	777.8	792.1	805.2	818.4
67.5°	897.5	911.8	926.1	906.3	885.4	865.7	844.8	860.2	875.6	889.8	905.2
70°	956.9	971.1	985.4	966.7	948.1	929.4	910.7	923.9	937.1	950.3	963.4
72.5°	998.6	1012.9	1027.2	1004.1	981.0	956.9	933.8	949.2	964.5	978.8	994.2
75°	1007.4	1028.3	1049.1	1018.4	986.5	955.8	923.9	934.9	945.9	956.9	967.8
77.5°	956.9	994.2	1031.6	987.6	942.6	898.6	853.6	852.5	850.3	849.2	847.0
80°	789.9	842.6	896.4	844.8	794.3	742.6	691.0	671.2	651.4	631.7	611.9
82.5°	506.4	559.2	613.0	555.9	498.7	440.5	383.4	338.4	294.4	249.4	204.3
85°	158.2	185.7	213.1	190.1	167.0	143.9	120.8	105.5	90.1	74.7	59.3
87.5°	9.9	8.8	7.7	8.8	8.8	9.9	9.9	8.8	8.8	7.7	6.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: SDL-PA1-30-830-U-5WQ

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2
2.5°	267.0	267.0	265.9	265.9	265.9	267.0	267.0	267.0	267.0	267.0	267.0
5°	251.6	254.9	257.1	259.3	260.4	260.4	261.5	261.5	261.5	261.5	261.5
7.5°	208.7	214.2	218.6	223.0	224.1	225.2	225.2	226.3	226.3	225.2	226.3
10°	169.2	171.4	172.5	173.6	179.1	185.7	191.2	196.6	196.6	196.6	196.6
12.5°	157.1	153.8	149.4	146.1	151.6	157.1	162.6	168.1	168.1	168.1	168.1
15°	142.8	147.2	151.6	156.0	163.7	172.5	180.2	187.9	187.9	187.9	187.9
17.5°	145.0	145.0	146.1	146.1	150.5	153.8	158.2	161.5	162.6	162.6	162.6
20°	140.6	146.1	151.6	157.1	165.9	174.7	182.4	191.2	192.2	193.3	192.2
22.5°	164.8	161.5	157.1	153.8	153.8	153.8	152.7	152.7	153.8	153.8	153.8
25°	160.4	169.2	179.1	187.9	194.4	199.9	206.5	212.0	212.0	210.9	212.0
27.5°	189.0	194.4	199.9	205.4	215.3	224.1	234.0	242.8	245.0	246.1	245.0
30°	224.1	237.3	251.6	264.8	271.3	277.9	284.5	291.1	291.1	291.1	291.1
32.5°	252.7	260.4	268.1	275.7	282.3	290.0	296.6	303.2	303.2	303.2	303.2
35°	265.9	274.6	282.3	291.1	297.7	304.3	309.8	316.4	317.5	317.5	317.5
37.5°	282.3	292.2	303.2	313.1	318.6	323.0	328.5	332.9	334.0	335.1	334.0
40°	305.4	316.4	327.4	338.4	342.8	347.1	350.4	354.8	354.8	354.8	354.8
42.5°	330.7	341.7	353.7	364.7	369.1	373.5	377.9	382.3	383.4	384.5	383.4
45°	358.1	371.3	384.5	397.7	403.2	408.7	413.1	418.6	419.7	420.8	419.7
47.5°	394.4	409.8	426.2	441.6	446.0	450.4	454.8	459.2	459.2	459.2	459.2
50°	432.8	452.6	473.5	493.3	495.5	498.7	500.9	503.1	504.2	504.2	504.2
52.5°	477.9	500.9	522.9	546.0	547.1	549.3	550.4	551.5	551.5	550.4	551.5
55°	532.8	557.0	582.2	606.4	606.4	607.5	607.5	607.5	606.4	604.2	606.4
57.5°	600.9	625.1	648.2	672.3	671.2	670.1	669.0	667.9	667.9	666.8	667.9
60°	670.1	694.3	717.4	740.4	738.2	734.9	732.7	729.4	728.3	726.2	728.3
62.5°	749.2	769.0	787.7	806.3	802.0	797.6	793.2	788.8	788.8	788.8	788.8
65°	832.7	848.1	862.4	876.7	872.3	869.0	864.6	860.2	858.0	855.8	858.0
67.5°	916.2	927.2	937.1	948.1	942.6	937.1	931.6	926.1	923.9	920.6	923.9
70°	974.4	985.4	996.4	1007.4	1001.9	996.4	989.8	984.3	983.2	982.1	983.2
72.5°	1007.4	1020.6	1033.8	1046.9	1043.6	1039.2	1035.9	1031.6	1030.5	1028.3	1030.5
75°	977.7	988.7	998.6	1008.5	1003.0	997.5	992.0	986.5	983.2	978.8	983.2
77.5°	847.0	848.1	848.1	848.1	841.5	834.9	828.3	821.7	819.5	816.2	819.5
80°	588.8	565.8	542.7	519.6	497.7	475.7	453.7	431.7	426.2	419.7	426.2
82.5°	185.7	165.9	147.2	127.4	118.6	108.8	100.0	90.1	86.8	82.4	86.8
85°	56.0	52.7	48.3	45.0	41.7	38.4	34.1	30.8	28.6	26.4	28.6
87.5°	5.5	5.5	4.4	3.3	3.3	3.3	3.3	3.3	3.3	2.2	3.3
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: P560287

CATALOG NUMBER: SDL-PA1-30-830-U-5WQ

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2
2.5°	267.0	267.0	267.0	265.9	265.9	265.9	267.0	267.0	267.0	267.0	265.9
5°	261.5	261.5	260.4	260.4	259.3	257.1	254.9	251.6	249.4	245.0	239.5
7.5°	226.3	225.2	225.2	224.1	223.0	218.6	214.2	208.7	204.3	207.6	209.8
10°	196.6	191.2	185.7	179.1	173.6	172.5	171.4	169.2	168.1	170.3	171.4
12.5°	168.1	162.6	157.1	151.6	146.1	149.4	153.8	157.1	160.4	159.3	158.2
15°	187.9	180.2	172.5	163.7	156.0	151.6	147.2	142.8	138.4	138.4	138.4
17.5°	161.5	158.2	153.8	150.5	146.1	146.1	145.0	145.0	143.9	146.1	149.4
20°	191.2	182.4	174.7	165.9	157.1	151.6	146.1	140.6	135.1	138.4	141.7
22.5°	152.7	152.7	153.8	153.8	153.8	157.1	161.5	164.8	168.1	162.6	156.0
25°	212.0	206.5	199.9	194.4	187.9	179.1	169.2	160.4	150.5	156.0	161.5
27.5°	242.8	234.0	224.1	215.3	205.4	199.9	194.4	189.0	183.5	179.1	175.8
30°	291.1	284.5	277.9	271.3	264.8	251.6	237.3	224.1	209.8	204.3	199.9
32.5°	303.2	296.6	290.0	282.3	275.7	268.1	260.4	252.7	245.0	235.1	224.1
35°	316.4	309.8	304.3	297.7	291.1	282.3	274.6	265.9	257.1	249.4	240.6
37.5°	332.9	328.5	323.0	318.6	313.1	303.2	292.2	282.3	271.3	261.5	252.7
40°	354.8	350.4	347.1	342.8	338.4	327.4	316.4	305.4	294.4	282.3	270.2
42.5°	382.3	377.9	373.5	369.1	364.7	353.7	341.7	330.7	318.6	305.4	293.3
45°	418.6	413.1	408.7	403.2	397.7	384.5	371.3	358.1	344.9	331.8	318.6
47.5°	459.2	454.8	450.4	446.0	441.6	426.2	409.8	394.4	377.9	364.7	351.5
50°	503.1	500.9	498.7	495.5	493.3	473.5	452.6	432.8	412.0	398.8	385.6
52.5°	551.5	550.4	549.3	547.1	546.0	522.9	500.9	477.9	454.8	442.7	429.5
55°	607.5	607.5	607.5	606.4	606.4	582.2	557.0	532.8	507.5	495.5	483.4
57.5°	667.9	669.0	670.1	671.2	672.3	648.2	625.1	600.9	576.7	563.6	551.5
60°	729.4	732.7	734.9	738.2	740.4	717.4	694.3	670.1	647.1	636.1	624.0
62.5°	788.8	793.2	797.6	802.0	806.3	787.7	769.0	749.2	730.5	717.4	705.3
65°	860.2	864.6	869.0	872.3	876.7	862.4	848.1	832.7	818.4	805.2	792.1
67.5°	926.1	931.6	937.1	942.6	948.1	937.1	927.2	916.2	905.2	889.8	875.6
70°	984.3	989.8	996.4	1001.9	1007.4	996.4	985.4	974.4	963.4	950.3	937.1
72.5°	1031.6	1035.9	1039.2	1043.6	1046.9	1033.8	1020.6	1007.4	994.2	978.8	964.5
75°	986.5	992.0	997.5	1003.0	1008.5	998.6	988.7	977.7	967.8	956.9	945.9
77.5°	821.7	828.3	834.9	841.5	848.1	848.1	848.1	847.0	847.0	849.2	850.3
80°	431.7	453.7	475.7	497.7	519.6	542.7	565.8	588.8	611.9	631.7	651.4
82.5°	90.1	100.0	108.8	118.6	127.4	147.2	165.9	185.7	204.3	249.4	294.4
85°	30.8	34.1	38.4	41.7	45.0	48.3	52.7	56.0	59.3	74.7	90.1
87.5°	3.3	3.3	3.3	3.3	3.3	4.4	5.5	5.5	6.6	7.7	8.8
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: P560287

CATALOG NUMBER: SDL-PA1-30-830-U-5WQ

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2
2.5°	265.9	264.8	264.8	263.7	263.7	262.6	261.5	260.4	259.3	258.2	257.1
5°	235.1	229.6	228.5	227.4	226.3	225.2	225.2	225.2	225.2	225.2	225.2
7.5°	213.1	215.3	216.4	217.5	217.5	218.6	218.6	219.7	219.7	219.7	218.6
10°	173.6	174.7	178.0	181.3	183.5	186.8	186.8	186.8	185.7	185.7	191.2
12.5°	157.1	156.0	158.2	160.4	162.6	164.8	172.5	180.2	186.8	194.4	198.8
15°	137.3	137.3	138.4	140.6	141.7	142.8	147.2	150.5	154.9	158.2	164.8
17.5°	151.6	153.8	148.3	142.8	136.2	130.7	141.7	152.7	163.7	174.7	180.2
20°	143.9	147.2	151.6	154.9	159.3	162.6	163.7	163.7	164.8	164.8	164.8
22.5°	150.5	143.9	149.4	156.0	161.5	167.0	164.8	162.6	160.4	158.2	168.1
25°	167.0	172.5	168.1	163.7	159.3	154.9	163.7	173.6	182.4	191.2	187.9
27.5°	171.4	167.0	172.5	178.0	183.5	189.0	185.7	183.5	180.2	176.9	183.5
30°	194.4	189.0	186.8	184.6	181.3	179.1	184.6	189.0	194.4	198.8	197.7
32.5°	214.2	203.2	203.2	203.2	202.1	202.1	202.1	203.2	203.2	203.2	210.9
35°	232.9	224.1	221.9	219.7	217.5	215.3	217.5	219.7	220.8	223.0	232.9
37.5°	242.8	232.9	232.9	232.9	232.9	232.9	234.0	236.2	237.3	238.4	249.4
40°	258.2	246.1	247.2	249.4	250.5	251.6	253.8	257.1	259.3	261.5	271.3
42.5°	280.1	267.0	268.1	270.2	271.3	272.4	276.8	280.1	284.5	287.8	298.8
45°	305.4	292.2	294.4	295.5	297.7	298.8	303.2	307.6	310.9	315.3	329.6
47.5°	337.3	324.1	327.4	329.6	332.9	335.1	338.4	340.6	343.9	346.0	361.4
50°	372.4	359.2	363.6	368.0	372.4	376.8	377.9	377.9	379.0	379.0	398.8
52.5°	417.5	404.3	408.7	414.2	418.6	422.9	425.1	427.3	428.4	430.6	450.4
55°	470.2	458.1	464.7	471.3	477.9	484.5	485.6	486.7	486.7	487.8	507.5
57.5°	538.3	525.1	533.9	543.8	552.6	561.4	561.4	560.3	560.3	559.2	578.9
60°	613.0	600.9	611.9	624.0	635.0	646.0	642.7	639.4	635.0	631.7	653.6
62.5°	692.1	678.9	695.4	711.9	728.3	744.8	738.2	732.7	726.2	719.6	742.6
65°	777.8	764.6	784.4	804.2	823.9	843.7	831.6	819.5	806.3	794.3	820.6
67.5°	860.2	844.8	865.7	885.4	906.3	926.1	911.8	897.5	883.2	869.0	899.7
70°	923.9	910.7	929.4	948.1	966.7	985.4	971.1	956.9	942.6	928.3	965.6
72.5°	949.2	933.8	956.9	981.0	1004.1	1027.2	1012.9	998.6	983.2	968.9	1007.4
75°	934.9	923.9	955.8	986.5	1018.4	1049.1	1028.3	1007.4	986.5	965.6	999.7
77.5°	852.5	853.6	898.6	942.6	987.6	1031.6	994.2	956.9	919.5	882.1	898.6
80°	671.2	691.0	742.6	794.3	844.8	896.4	842.6	789.9	736.0	682.2	671.2
82.5°	338.4	383.4	440.5	498.7	555.9	613.0	559.2	506.4	452.6	398.8	364.7
85°	105.5	120.8	143.9	167.0	190.1	213.1	185.7	158.2	130.7	103.3	92.3
87.5°	8.8	9.9	9.9	8.8	8.8	7.7	8.8	9.9	9.9	11.0	9.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2
2.5°	256.0	253.8	252.7	249.4	246.1	242.8	239.5	239.5	240.6	240.6	240.6
5°	225.2	225.2	225.2	225.2	225.2	225.2	225.2	225.2	226.3	226.3	226.3
7.5°	217.5	216.4	215.3	214.2	214.2	213.1	212.0	208.7	204.3	201.0	196.6
10°	197.7	203.2	208.7	210.9	213.1	214.2	216.4	216.4	217.5	217.5	217.5
12.5°	204.3	208.7	213.1	212.0	210.9	209.8	208.7	204.3	198.8	194.4	189.0
15°	171.4	176.9	183.5	191.2	199.9	207.6	215.3	216.4	217.5	218.6	219.7
17.5°	186.8	192.2	197.7	199.9	203.2	205.4	207.6	203.2	197.7	193.3	187.9
20°	163.7	163.7	162.6	175.8	190.1	203.2	216.4	218.6	220.8	221.9	224.1
22.5°	176.9	186.8	195.5	194.4	193.3	192.2	191.2	191.2	191.2	190.1	190.1
25°	185.7	182.4	179.1	191.2	202.1	214.2	225.2	227.4	229.6	230.7	232.9
27.5°	191.2	197.7	204.3	202.1	199.9	196.6	194.4	195.5	197.7	198.8	199.9
30°	197.7	196.6	195.5	207.6	218.6	230.7	241.7	242.8	243.9	243.9	245.0
32.5°	217.5	225.2	231.8	237.3	243.9	249.4	254.9	264.8	275.7	285.6	295.5
35°	242.8	251.6	261.5	272.4	283.4	294.4	305.4	307.6	310.9	313.1	315.3
37.5°	259.3	270.2	280.1	292.2	304.3	315.3	327.4	329.6	330.7	332.9	334.0
40°	281.2	291.1	301.0	314.2	327.4	339.5	352.6	354.8	355.9	358.1	359.2
42.5°	308.7	319.7	329.6	342.8	354.8	368.0	380.1	381.2	383.4	384.5	385.6
45°	342.8	357.0	370.2	382.3	393.3	405.4	416.4	417.5	418.6	418.6	419.7
47.5°	376.8	391.1	406.5	418.6	430.6	441.6	453.7	455.9	457.0	459.2	460.3
50°	417.5	437.2	455.9	466.9	479.0	490.0	500.9	502.0	504.2	505.3	506.4
52.5°	469.1	488.9	507.5	518.5	530.6	541.6	552.6	553.7	553.7	554.8	554.8
55°	527.3	547.1	566.9	577.8	588.8	599.8	610.8	610.8	610.8	609.7	609.7
57.5°	598.7	617.4	637.2	648.2	659.1	670.1	681.1	681.1	681.1	681.1	681.1
60°	676.7	698.7	720.7	730.5	740.4	750.3	760.2	758.0	754.7	752.5	749.2
62.5°	764.6	787.7	809.6	817.3	823.9	831.6	838.2	834.9	830.5	827.2	822.8
65°	847.0	873.4	899.7	905.2	910.7	915.1	920.6	915.1	909.6	903.0	897.5
67.5°	930.5	960.1	990.9	993.1	995.3	997.5	999.7	994.2	988.7	982.1	976.6
70°	1003.0	1040.3	1077.7	1078.8	1079.9	1081.0	1082.1	1076.6	1071.1	1064.5	1059.0
72.5°	1044.7	1083.2	1120.5	1123.8	1126.0	1129.3	1131.5	1126.0	1121.6	1116.1	1110.7
75°	1032.7	1066.7	1099.7	1096.4	1093.1	1088.7	1085.4	1076.6	1067.8	1057.9	1049.1
77.5°	915.1	930.5	947.0	929.4	910.7	893.1	874.5	865.7	855.8	847.0	837.1
80°	660.2	648.2	637.2	604.2	571.3	537.2	504.2	482.3	460.3	438.3	416.4
82.5°	331.8	297.7	263.7	234.0	204.3	173.6	143.9	132.9	120.8	109.9	97.8
85°	82.4	71.4	60.4	56.0	51.6	47.2	42.8	37.4	33.0	27.5	22.0
87.5°	9.9	8.8	7.7	6.6	6.6	5.5	4.4	4.4	4.4	3.3	3.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	270.2	270.2
2.5°	240.6	239.5
5°	226.3	226.3
7.5°	195.5	193.3
10°	217.5	217.5
12.5°	190.1	191.2
15°	219.7	219.7
17.5°	187.9	186.8
20°	224.1	224.1
22.5°	190.1	190.1
25°	232.9	231.8
27.5°	199.9	199.9
30°	245.0	245.0
32.5°	296.6	297.7
35°	316.4	316.4
37.5°	335.1	335.1
40°	359.2	358.1
42.5°	386.7	386.7
45°	420.8	420.8
47.5°	461.4	462.5
50°	506.4	506.4
52.5°	554.8	553.7
55°	609.7	609.7
57.5°	677.8	673.4
60°	748.1	747.0
62.5°	821.7	819.5
65°	896.4	894.2
67.5°	975.5	973.3
70°	1059.0	1057.9
72.5°	1107.4	1104.1
75°	1046.9	1044.7
77.5°	828.3	818.4
80°	410.9	405.4
82.5°	97.8	97.8
85°	20.9	19.8
87.5°	3.3	3.3
90°	0.0	0.0

(END OF REPORT)