

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: P560045

Luminaire Tested: **SDL-PA1-20-750-U-5WQ**

Issue Date: 7/26/2021

Test Information

Test Method: LM-79-08
Report Number: P560045
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-PA1-20-750-U-5WQ
Description: Springdale
(1) 70 CRI, 5000K, 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: 2847 lumens
Efficiency: N/A
Efficacy: 135.6 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

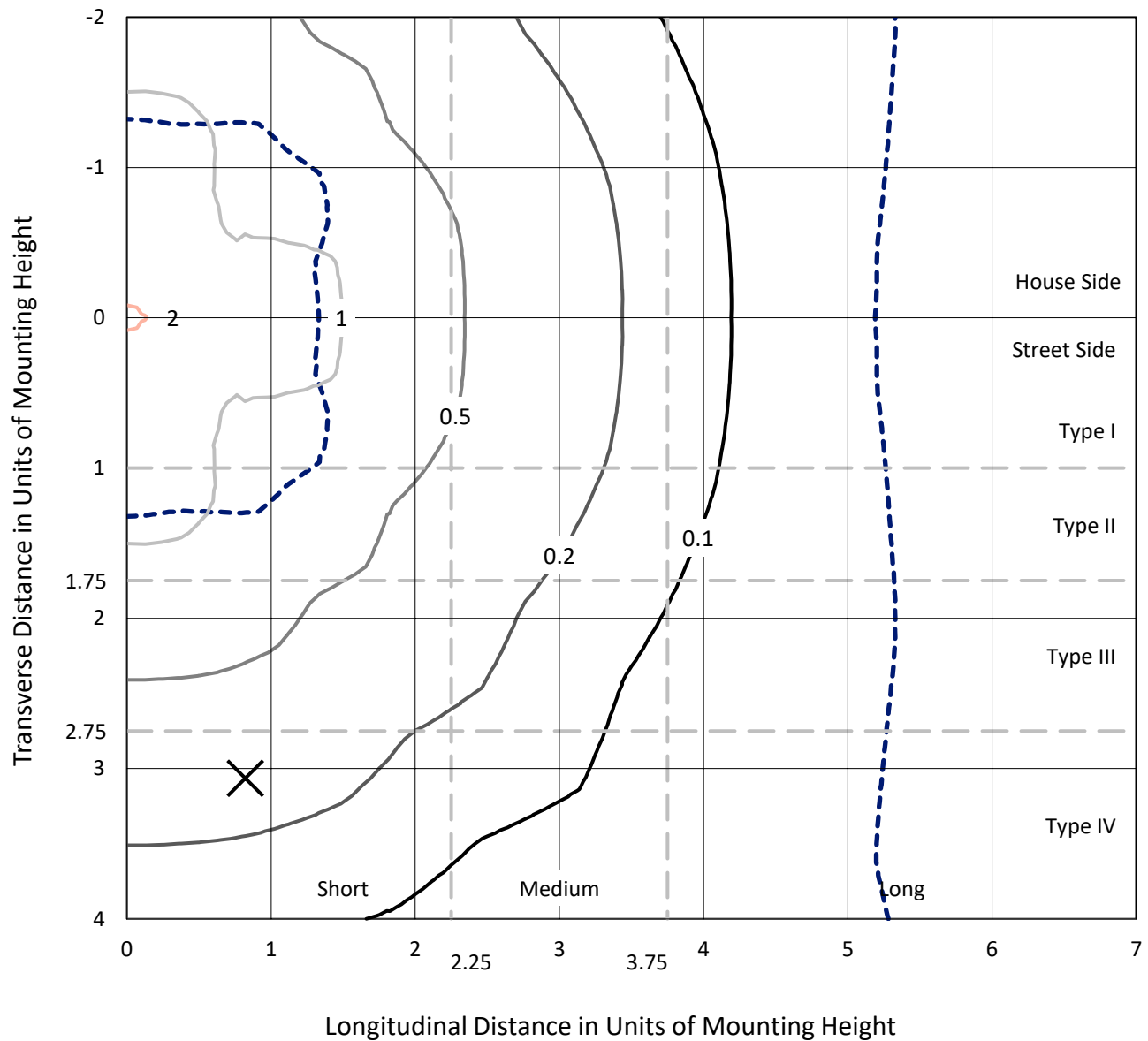


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
--- 1/2 Max cd

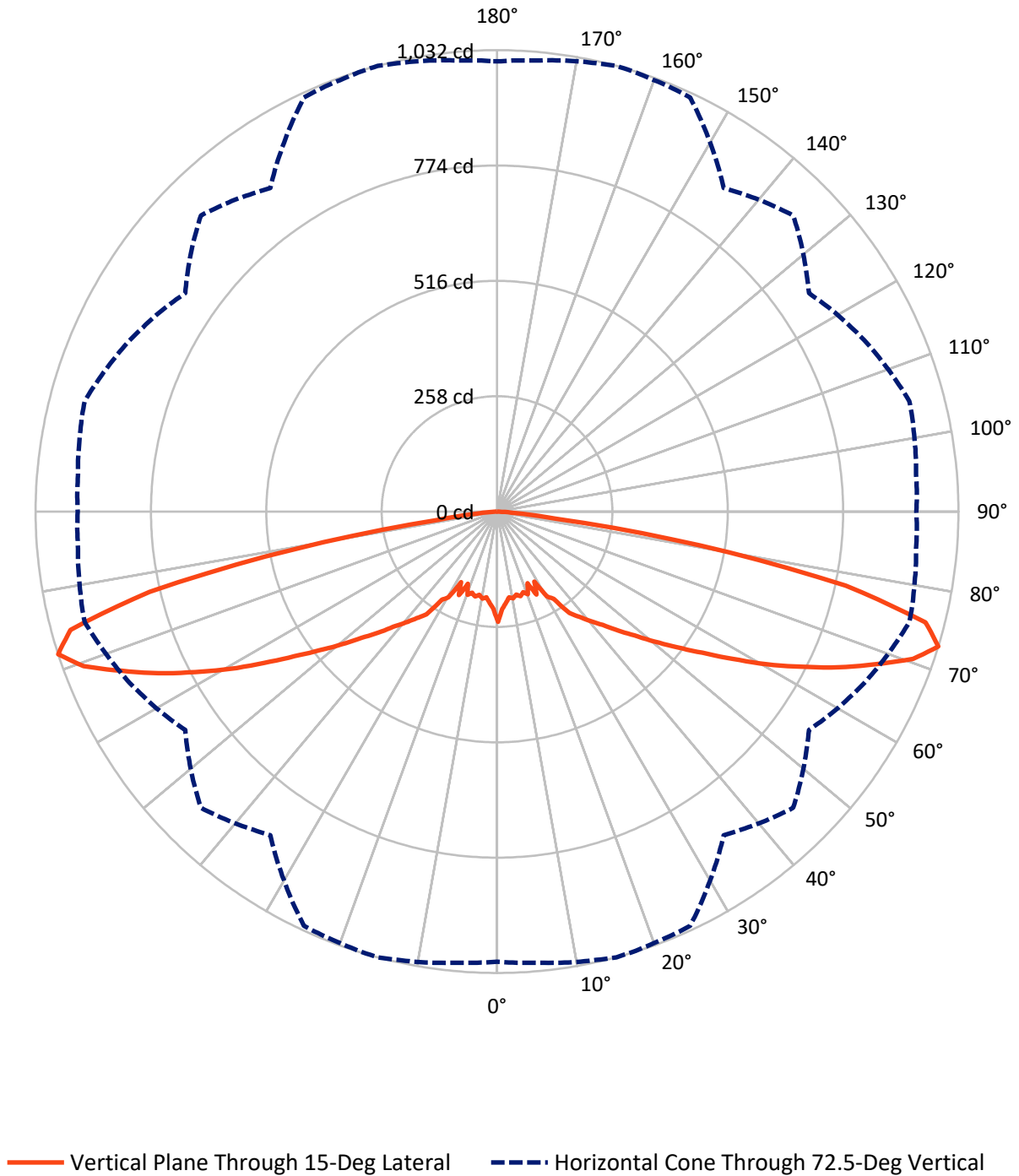


Based on 10 foot mounting height. Maximum calculated value = 2.5 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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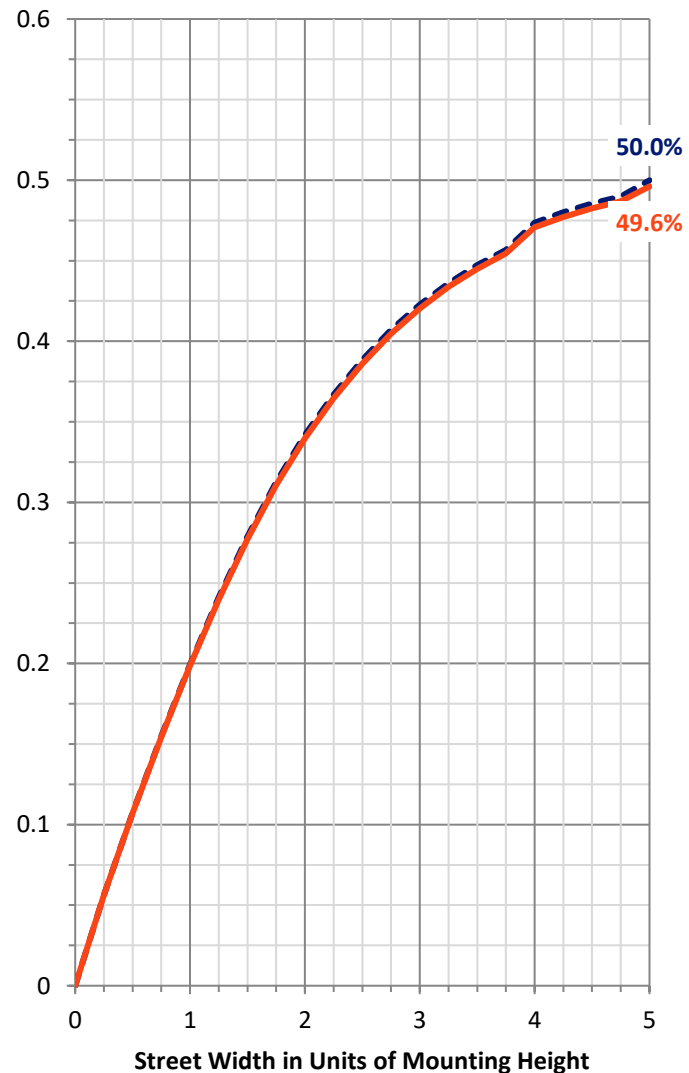
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1423.5	0.0	1423.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1423.5	0.0	1423.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	2847.0	0.0	2847.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.4	0.7
10°-20°	44.9	1.6
20°-30°	80.2	2.8
30°-40°	153.4	5.4
40°-50°	261.2	9.2
50°-60°	457.3	16.1
60°-70°	771.7	27.1
70°-80°	900.1	31.6
80°-90°	158.8	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°	2847.0	100.0
0°-180°	2847.0	100.0



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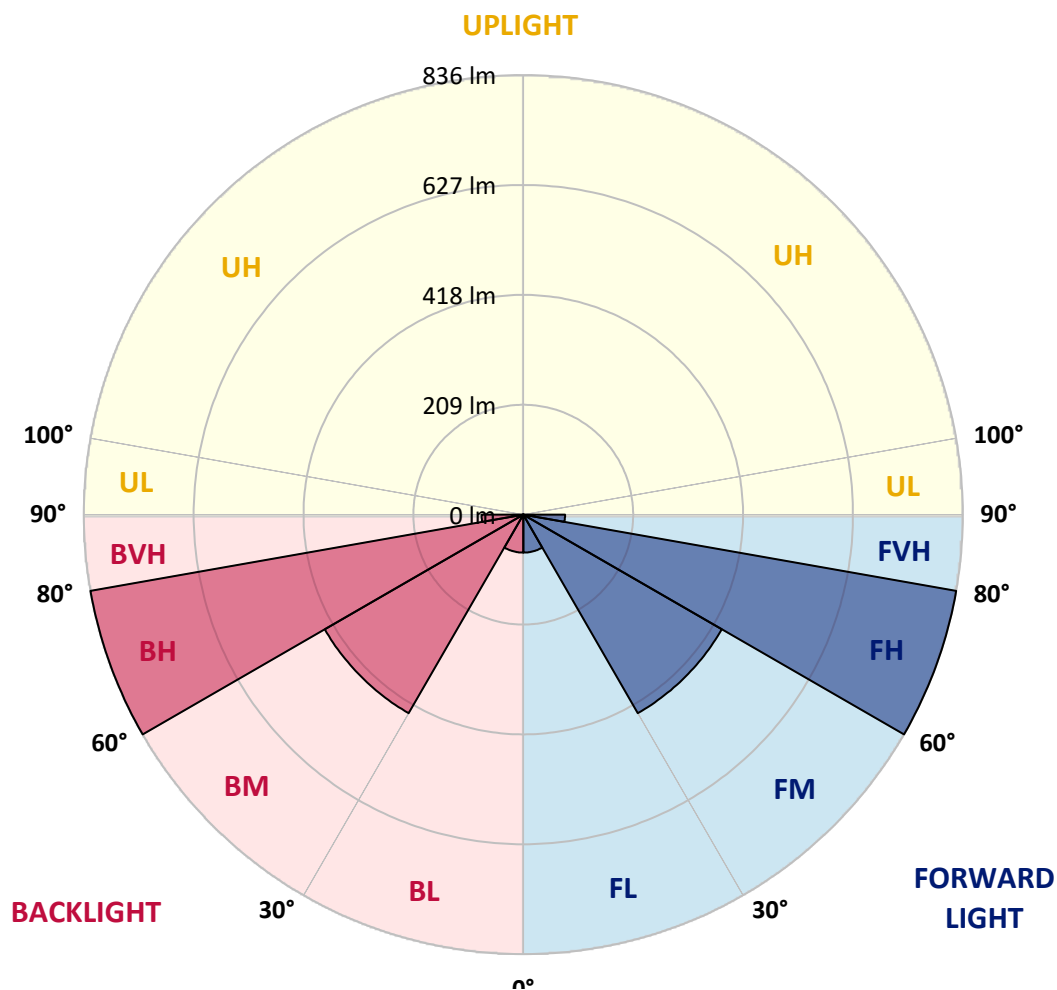
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	72.2	2.5			
FM	(30°-60°)	436.0	15.3			
FH	(60°-80°)	835.9	29.4			G1/1800
FVH	(80°-90°)	79.4	2.8			G1/100
BL	(0°-30°)	72.2	2.5	B0/110		
BM	(30°-60°)	436.0	15.3	B1/1000		
BH	(60°-80°)	835.9	29.4	B2/1000		G1/1800
BVH	(80°-90°)	79.4	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°	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5
2.5°	218.4	219.4	219.4	219.4	219.4	218.4	218.4	221.4	224.4	227.5	230.5
5°	206.4	206.4	206.4	206.4	206.4	205.4	205.4	205.4	205.4	205.4	205.4
7.5°	176.4	178.4	179.4	183.4	186.4	190.4	193.4	194.4	195.4	195.4	196.4
10°	198.4	198.4	198.4	198.4	198.4	197.4	197.4	195.4	194.4	192.4	190.4
12.5°	174.3	173.3	172.3	177.4	181.4	186.4	190.4	191.4	192.4	193.4	194.4
15°	200.4	200.4	200.4	199.4	198.4	197.4	196.4	189.4	182.4	174.3	167.3
17.5°	170.3	171.3	171.3	176.4	180.4	185.4	189.4	187.4	185.4	182.4	180.4
20°	204.4	204.4	204.4	202.4	201.4	199.4	197.4	185.4	173.3	160.3	148.3
22.5°	173.3	173.3	173.3	173.3	174.3	174.3	174.3	175.4	176.4	177.4	178.4
25°	211.4	212.4	212.4	210.4	209.4	207.4	205.4	195.4	184.4	174.3	163.3
27.5°	182.4	182.4	182.4	181.4	180.4	178.4	177.4	179.4	182.4	184.4	186.4
30°	223.4	223.4	223.4	222.4	222.4	221.4	220.4	210.4	199.4	189.4	178.4
32.5°	271.5	270.5	269.5	260.5	251.5	241.5	232.5	227.5	222.4	216.4	211.4
35°	288.6	288.6	287.6	285.6	283.6	280.6	278.6	268.5	258.5	248.5	238.5
37.5°	305.6	305.6	304.6	303.6	301.6	300.6	298.6	287.6	277.6	266.5	255.5
40°	326.7	327.7	327.7	326.7	324.6	323.6	321.6	309.6	298.6	286.6	274.5
42.5°	352.7	352.7	351.7	350.7	349.7	347.7	346.7	335.7	323.6	312.6	300.6
45°	383.8	383.8	382.8	381.8	381.8	380.8	379.8	369.7	358.7	348.7	337.7
47.5°	421.8	420.8	419.8	418.8	416.8	415.8	413.8	402.8	392.8	381.8	370.7
50°	461.9	461.9	461.9	460.9	459.9	457.9	456.9	446.9	436.9	425.9	415.8
52.5°	505.0	506.0	506.0	506.0	505.0	505.0	504.0	494.0	484.0	472.9	462.9
55°	556.1	556.1	556.1	556.1	557.1	557.1	557.1	547.1	537.1	527.1	517.0
57.5°	614.2	618.2	621.2	621.2	621.2	621.2	621.2	611.2	601.2	591.2	581.2
60°	681.4	682.4	683.4	686.4	688.4	691.4	693.4	684.4	675.4	666.3	657.3
62.5°	747.5	749.5	750.5	754.5	757.5	761.5	764.5	758.5	751.5	745.5	738.5
65°	815.6	817.6	818.6	823.6	829.7	834.7	839.7	834.7	830.7	825.7	820.6
67.5°	887.8	889.8	890.8	895.8	901.8	906.8	911.8	909.8	907.8	905.8	903.8
70°	964.9	965.9	965.9	970.9	977.0	982.0	987.0	986.0	985.0	984.0	983.0
72.5°	1007.0	1010.0	1013.0	1018.0	1023.0	1027.1	1032.1	1030.1	1027.1	1025.1	1022.0
75°	952.9	954.9	956.9	964.9	973.9	982.0	990.0	993.0	997.0	1000.0	1003.0
77.5°	746.5	755.5	763.5	772.5	780.6	789.6	797.6	814.6	830.7	847.7	863.7
80°	369.7	374.8	379.8	399.8	419.8	439.9	459.9	490.0	521.0	551.1	581.2
82.5°	89.2	89.2	89.2	100.2	110.2	121.2	131.3	158.3	186.4	213.4	240.5
85°	18.0	19.0	20.0	25.1	30.1	34.1	39.1	43.1	47.1	51.1	55.1
87.5°	3.0	3.0	3.0	3.0	4.0	4.0	4.0	5.0	6.0	6.0	7.0
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°	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5
2.5°	231.5	233.5	234.5	235.5	236.5	237.5	238.5	239.5	240.5	240.5	241.5
5°	205.4	205.4	205.4	205.4	205.4	205.4	205.4	205.4	206.4	207.4	208.4
7.5°	197.4	198.4	199.4	200.4	200.4	200.4	199.4	199.4	198.4	198.4	197.4
10°	185.4	180.4	174.3	169.3	169.3	170.3	170.3	170.3	167.3	165.3	162.3
12.5°	190.4	186.4	181.4	177.4	170.3	164.3	157.3	150.3	148.3	146.3	144.3
15°	161.3	156.3	150.3	144.3	141.3	137.3	134.3	130.3	129.3	128.3	126.3
17.5°	175.4	170.3	164.3	159.3	149.3	139.3	129.3	119.2	124.2	130.3	135.3
20°	149.3	149.3	150.3	150.3	150.3	149.3	149.3	148.3	145.3	141.3	138.3
22.5°	170.3	161.3	153.3	144.3	146.3	148.3	150.3	152.3	147.3	142.3	136.3
25°	166.3	169.3	171.3	174.3	166.3	158.3	149.3	141.3	145.3	149.3	153.3
27.5°	180.4	174.3	167.3	161.3	164.3	167.3	169.3	172.3	167.3	162.3	157.3
30°	179.4	180.4	180.4	181.4	177.4	172.3	168.3	163.3	165.3	168.3	170.3
32.5°	205.4	198.4	192.4	185.4	185.4	185.4	184.4	184.4	184.4	185.4	185.4
35°	229.5	221.4	212.4	203.4	201.4	200.4	198.4	196.4	198.4	200.4	202.4
37.5°	246.5	236.5	227.5	217.4	216.4	215.4	213.4	212.4	212.4	212.4	212.4
40°	265.5	256.5	247.5	238.5	236.5	234.5	231.5	229.5	228.5	227.5	225.5
42.5°	291.6	281.6	272.5	262.5	259.5	255.5	252.5	248.5	247.5	246.5	244.5
45°	325.7	312.6	300.6	287.6	283.6	280.6	276.6	272.5	271.5	269.5	268.5
47.5°	356.7	343.7	329.7	315.6	313.6	310.6	308.6	305.6	303.6	300.6	298.6
50°	398.8	380.8	363.7	345.7	345.7	344.7	344.7	343.7	339.7	335.7	331.7
52.5°	445.9	427.9	410.8	392.8	390.8	389.8	387.8	385.8	381.8	377.8	372.7
55°	499.0	481.0	462.9	444.9	443.9	443.9	442.9	441.9	435.9	429.9	423.8
57.5°	563.1	546.1	528.1	510.0	511.0	511.0	512.0	512.0	504.0	496.0	487.0
60°	637.3	617.2	596.2	576.2	579.2	583.2	586.2	589.2	579.2	569.1	558.1
62.5°	718.4	697.4	677.4	656.3	662.3	668.3	673.3	679.4	664.3	649.3	634.3
65°	796.6	772.5	748.5	724.5	735.5	747.5	758.5	769.5	751.5	733.5	715.4
67.5°	875.8	848.7	820.6	792.6	805.6	818.6	831.7	844.7	826.7	807.6	789.6
70°	948.9	914.8	880.8	846.7	859.7	872.7	885.8	898.8	881.8	864.7	847.7
72.5°	988.0	952.9	918.8	883.8	896.8	910.8	923.8	936.9	915.8	894.8	872.7
75°	972.9	941.9	911.8	880.8	899.8	918.8	937.9	956.9	928.9	899.8	871.7
77.5°	848.7	834.7	819.6	804.6	838.7	872.7	906.8	940.9	900.8	859.7	819.6
80°	591.2	602.2	612.2	622.2	671.3	720.4	768.5	817.6	770.5	724.5	677.4
82.5°	271.5	302.6	332.7	363.7	412.8	461.9	510.0	559.1	507.0	454.9	401.8
85°	65.1	75.2	84.2	94.2	119.2	144.3	169.3	194.4	173.3	152.3	131.3
87.5°	8.0	9.0	9.0	10.0	9.0	9.0	8.0	7.0	8.0	8.0	9.0
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°	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5
2.5°	241.5	242.5	242.5	243.5	243.5	243.5	243.5	242.5	242.5	242.5	243.5
5°	209.4	214.4	218.4	223.4	227.5	229.5	232.5	234.5	236.5	237.5	237.5
7.5°	196.4	194.4	191.4	189.4	186.4	190.4	195.4	199.4	203.4	204.4	205.4
10°	159.3	158.3	156.3	155.3	153.3	154.3	156.3	157.3	158.3	163.3	169.3
12.5°	142.3	143.3	144.3	145.3	146.3	143.3	140.3	136.3	133.3	138.3	143.3
15°	125.3	125.3	126.3	126.3	126.3	130.3	134.3	138.3	142.3	149.3	157.3
17.5°	140.3	138.3	136.3	133.3	131.3	132.3	132.3	133.3	133.3	137.3	140.3
20°	134.3	131.3	129.3	126.3	123.2	128.3	133.3	138.3	143.3	151.3	159.3
22.5°	131.3	137.3	142.3	148.3	153.3	150.3	147.3	143.3	140.3	140.3	140.3
25°	157.3	152.3	147.3	142.3	137.3	146.3	154.3	163.3	171.3	177.4	182.4
27.5°	152.3	156.3	160.3	163.3	167.3	172.3	177.4	182.4	187.4	196.4	204.4
30°	172.3	177.4	182.4	186.4	191.4	204.4	216.4	229.5	241.5	247.5	253.5
32.5°	185.4	195.4	204.4	214.4	223.4	230.5	237.5	244.5	251.5	257.5	264.5
35°	204.4	212.4	219.4	227.5	234.5	242.5	250.5	257.5	265.5	271.5	277.6
37.5°	212.4	221.4	230.5	238.5	247.5	257.5	266.5	276.6	285.6	290.6	294.6
40°	224.4	235.5	246.5	257.5	268.5	278.6	288.6	298.6	308.6	312.6	316.6
42.5°	243.5	255.5	267.5	278.6	290.6	301.6	311.6	322.6	332.7	336.7	340.7
45°	266.5	278.6	290.6	302.6	314.6	326.7	338.7	350.7	362.7	367.7	372.7
47.5°	295.6	307.6	320.6	332.7	344.7	359.7	373.7	388.8	402.8	406.8	410.8
50°	327.7	339.7	351.7	363.7	375.8	394.8	412.8	431.9	449.9	451.9	454.9
52.5°	368.7	380.8	391.8	403.8	414.8	435.9	456.9	477.0	498.0	499.0	501.0
55°	417.8	428.9	440.9	451.9	462.9	486.0	508.0	531.1	553.1	553.1	554.1
57.5°	479.0	491.0	503.0	514.0	526.1	548.1	570.1	591.2	613.2	612.2	611.2
60°	548.1	559.1	569.1	580.2	590.2	611.2	633.3	654.3	675.4	673.3	670.3
62.5°	619.2	631.3	643.3	654.3	666.3	683.4	701.4	718.4	735.5	731.5	727.5
65°	697.4	709.4	722.4	734.5	746.5	759.5	773.5	786.6	799.6	795.6	792.6
67.5°	770.5	784.6	798.6	811.6	825.7	835.7	845.7	854.7	864.7	859.7	854.7
70°	830.7	842.7	854.7	866.7	878.8	888.8	898.8	908.8	918.8	913.8	908.8
72.5°	851.7	865.7	879.8	892.8	906.8	918.8	930.9	942.9	954.9	951.9	947.9
75°	842.7	852.7	862.7	872.7	882.8	891.8	901.8	910.8	919.8	914.8	909.8
77.5°	778.6	777.6	775.6	774.6	772.5	772.5	773.5	773.5	773.5	767.5	761.5
80°	630.3	612.2	594.2	576.2	558.1	537.1	516.0	495.0	473.9	453.9	433.9
82.5°	349.7	308.6	268.5	227.5	186.4	169.3	151.3	134.3	116.2	108.2	99.2
85°	110.2	96.2	82.2	68.1	54.1	51.1	48.1	44.1	41.1	38.1	35.1
87.5°	9.0	8.0	8.0	7.0	6.0	5.0	5.0	4.0	3.0	3.0	3.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5
2.5°	243.5	243.5	243.5	243.5	243.5	243.5	243.5	243.5	242.5	242.5	242.5
5°	238.5	238.5	238.5	238.5	238.5	238.5	238.5	237.5	237.5	236.5	234.5
7.5°	205.4	206.4	206.4	205.4	206.4	206.4	205.4	205.4	204.4	203.4	199.4
10°	174.3	179.4	179.4	179.4	179.4	179.4	174.3	169.3	163.3	158.3	157.3
12.5°	148.3	153.3	153.3	153.3	153.3	153.3	148.3	143.3	138.3	133.3	136.3
15°	164.3	171.3	171.3	171.3	171.3	171.3	164.3	157.3	149.3	142.3	138.3
17.5°	144.3	147.3	148.3	148.3	148.3	147.3	144.3	140.3	137.3	133.3	133.3
20°	166.3	174.3	175.4	176.4	175.4	174.3	166.3	159.3	151.3	143.3	138.3
22.5°	139.3	139.3	140.3	140.3	140.3	139.3	139.3	140.3	140.3	140.3	143.3
25°	188.4	193.4	193.4	192.4	193.4	193.4	188.4	182.4	177.4	171.3	163.3
27.5°	213.4	221.4	223.4	224.4	223.4	221.4	213.4	204.4	196.4	187.4	182.4
30°	259.5	265.5	265.5	265.5	265.5	265.5	259.5	253.5	247.5	241.5	229.5
32.5°	270.5	276.6	276.6	276.6	276.6	276.6	270.5	264.5	257.5	251.5	244.5
35°	282.6	288.6	289.6	289.6	289.6	288.6	282.6	277.6	271.5	265.5	257.5
37.5°	299.6	303.6	304.6	305.6	304.6	303.6	299.6	294.6	290.6	285.6	276.6
40°	319.6	323.6	323.6	323.6	323.6	323.6	319.6	316.6	312.6	308.6	298.6
42.5°	344.7	348.7	349.7	350.7	349.7	348.7	344.7	340.7	336.7	332.7	322.6
45°	376.8	381.8	382.8	383.8	382.8	381.8	376.8	372.7	367.7	362.7	350.7
47.5°	414.8	418.8	418.8	418.8	418.8	418.8	414.8	410.8	406.8	402.8	388.8
50°	456.9	458.9	459.9	459.9	459.9	458.9	456.9	454.9	451.9	449.9	431.9
52.5°	502.0	503.0	503.0	502.0	503.0	503.0	502.0	501.0	499.0	498.0	477.0
55°	554.1	554.1	553.1	551.1	553.1	554.1	554.1	554.1	553.1	553.1	531.1
57.5°	610.2	609.2	609.2	608.2	609.2	609.2	610.2	611.2	612.2	613.2	591.2
60°	668.3	665.3	664.3	662.3	664.3	665.3	668.3	670.3	673.3	675.4	654.3
62.5°	723.4	719.4	719.4	719.4	719.4	719.4	723.4	727.5	731.5	735.5	718.4
65°	788.6	784.6	782.6	780.6	782.6	784.6	788.6	792.6	795.6	799.6	786.6
67.5°	849.7	844.7	842.7	839.7	842.7	844.7	849.7	854.7	859.7	864.7	854.7
70°	902.8	897.8	896.8	895.8	896.8	897.8	902.8	908.8	913.8	918.8	908.8
72.5°	944.9	940.9	939.9	937.9	939.9	940.9	944.9	947.9	951.9	954.9	942.9
75°	904.8	899.8	896.8	892.8	896.8	899.8	904.8	909.8	914.8	919.8	910.8
77.5°	755.5	749.5	747.5	744.5	747.5	749.5	755.5	761.5	767.5	773.5	773.5
80°	413.8	393.8	388.8	382.8	388.8	393.8	413.8	433.9	453.9	473.9	495.0
82.5°	91.2	82.2	79.2	75.2	79.2	82.2	91.2	99.2	108.2	116.2	134.3
85°	31.1	28.1	26.1	24.0	26.1	28.1	31.1	35.1	38.1	41.1	44.1
87.5°	3.0	3.0	3.0	2.0	3.0	3.0	3.0	3.0	3.0	3.0	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

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CATALOG NUMBER: SDL-PA1-20-750-U-5WQ

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5
2.5°	243.5	243.5	243.5	243.5	242.5	242.5	241.5	241.5	240.5	240.5	239.5
5°	232.5	229.5	227.5	223.4	218.4	214.4	209.4	208.4	207.4	206.4	205.4
7.5°	195.4	190.4	186.4	189.4	191.4	194.4	196.4	197.4	198.4	198.4	199.4
10°	156.3	154.3	153.3	155.3	156.3	158.3	159.3	162.3	165.3	167.3	170.3
12.5°	140.3	143.3	146.3	145.3	144.3	143.3	142.3	144.3	146.3	148.3	150.3
15°	134.3	130.3	126.3	126.3	126.3	125.3	125.3	126.3	128.3	129.3	130.3
17.5°	132.3	132.3	131.3	133.3	136.3	138.3	140.3	135.3	130.3	124.2	119.2
20°	133.3	128.3	123.2	126.3	129.3	131.3	134.3	138.3	141.3	145.3	148.3
22.5°	147.3	150.3	153.3	148.3	142.3	137.3	131.3	136.3	142.3	147.3	152.3
25°	154.3	146.3	137.3	142.3	147.3	152.3	157.3	153.3	149.3	145.3	141.3
27.5°	177.4	172.3	167.3	163.3	160.3	156.3	152.3	157.3	162.3	167.3	172.3
30°	216.4	204.4	191.4	186.4	182.4	177.4	172.3	170.3	168.3	165.3	163.3
32.5°	237.5	230.5	223.4	214.4	204.4	195.4	185.4	185.4	185.4	184.4	184.4
35°	250.5	242.5	234.5	227.5	219.4	212.4	204.4	202.4	200.4	198.4	196.4
37.5°	266.5	257.5	247.5	238.5	230.5	221.4	212.4	212.4	212.4	212.4	212.4
40°	288.6	278.6	268.5	257.5	246.5	235.5	224.4	225.5	227.5	228.5	229.5
42.5°	311.6	301.6	290.6	278.6	267.5	255.5	243.5	244.5	246.5	247.5	248.5
45°	338.7	326.7	314.6	302.6	290.6	278.6	266.5	268.5	269.5	271.5	272.5
47.5°	373.7	359.7	344.7	332.7	320.6	307.6	295.6	298.6	300.6	303.6	305.6
50°	412.8	394.8	375.8	363.7	351.7	339.7	327.7	331.7	335.7	339.7	343.7
52.5°	456.9	435.9	414.8	403.8	391.8	380.8	368.7	372.7	377.8	381.8	385.8
55°	508.0	486.0	462.9	451.9	440.9	428.9	417.8	423.8	429.9	435.9	441.9
57.5°	570.1	548.1	526.1	514.0	503.0	491.0	479.0	487.0	496.0	504.0	512.0
60°	633.3	611.2	590.2	580.2	569.1	559.1	548.1	558.1	569.1	579.2	589.2
62.5°	701.4	683.4	666.3	654.3	643.3	631.3	619.2	634.3	649.3	664.3	679.4
65°	773.5	759.5	746.5	734.5	722.4	709.4	697.4	715.4	733.5	751.5	769.5
67.5°	845.7	835.7	825.7	811.6	798.6	784.6	770.5	789.6	807.6	826.7	844.7
70°	898.8	888.8	878.8	866.7	854.7	842.7	830.7	847.7	864.7	881.8	898.8
72.5°	930.9	918.8	906.8	892.8	879.8	865.7	851.7	872.7	894.8	915.8	936.9
75°	901.8	891.8	882.8	872.7	862.7	852.7	842.7	871.7	899.8	928.9	956.9
77.5°	773.5	772.5	772.5	774.6	775.6	777.6	778.6	819.6	859.7	900.8	940.9
80°	516.0	537.1	558.1	576.2	594.2	612.2	630.3	677.4	724.5	770.5	817.6
82.5°	151.3	169.3	186.4	227.5	268.5	308.6	349.7	401.8	454.9	507.0	559.1
85°	48.1	51.1	54.1	68.1	82.2	96.2	110.2	131.3	152.3	173.3	194.4
87.5°	5.0	5.0	6.0	7.0	8.0	8.0	9.0	9.0	8.0	8.0	7.0
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-PA1-20-750-U-5WQ

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5
2.5°	238.5	237.5	236.5	235.5	234.5	233.5	231.5	230.5	227.5	224.4	221.4
5°	205.4	205.4	205.4	205.4	205.4	205.4	205.4	205.4	205.4	205.4	205.4
7.5°	199.4	200.4	200.4	200.4	199.4	198.4	197.4	196.4	195.4	195.4	194.4
10°	170.3	170.3	169.3	169.3	174.3	180.4	185.4	190.4	192.4	194.4	195.4
12.5°	157.3	164.3	170.3	177.4	181.4	186.4	190.4	194.4	193.4	192.4	191.4
15°	134.3	137.3	141.3	144.3	150.3	156.3	161.3	167.3	174.3	182.4	189.4
17.5°	129.3	139.3	149.3	159.3	164.3	170.3	175.4	180.4	182.4	185.4	187.4
20°	149.3	149.3	150.3	150.3	150.3	149.3	149.3	148.3	160.3	173.3	185.4
22.5°	150.3	148.3	146.3	144.3	153.3	161.3	170.3	178.4	177.4	176.4	175.4
25°	149.3	158.3	166.3	174.3	171.3	169.3	166.3	163.3	174.3	184.4	195.4
27.5°	169.3	167.3	164.3	161.3	167.3	174.3	180.4	186.4	184.4	182.4	179.4
30°	168.3	172.3	177.4	181.4	180.4	180.4	179.4	178.4	189.4	199.4	210.4
32.5°	184.4	185.4	185.4	185.4	192.4	198.4	205.4	211.4	216.4	222.4	227.5
35°	198.4	200.4	201.4	203.4	212.4	221.4	229.5	238.5	248.5	258.5	268.5
37.5°	213.4	215.4	216.4	217.4	227.5	236.5	246.5	255.5	266.5	277.6	287.6
40°	231.5	234.5	236.5	238.5	247.5	256.5	265.5	274.5	286.6	298.6	309.6
42.5°	252.5	255.5	259.5	262.5	272.5	281.6	291.6	300.6	312.6	323.6	335.7
45°	276.6	280.6	283.6	287.6	300.6	312.6	325.7	337.7	348.7	358.7	369.7
47.5°	308.6	310.6	313.6	315.6	329.7	343.7	356.7	370.7	381.8	392.8	402.8
50°	344.7	344.7	345.7	345.7	363.7	380.8	398.8	415.8	425.9	436.9	446.9
52.5°	387.8	389.8	390.8	392.8	410.8	427.9	445.9	462.9	472.9	484.0	494.0
55°	442.9	443.9	443.9	444.9	462.9	481.0	499.0	517.0	527.1	537.1	547.1
57.5°	512.0	511.0	511.0	510.0	528.1	546.1	563.1	581.2	591.2	601.2	611.2
60°	586.2	583.2	579.2	576.2	596.2	617.2	637.3	657.3	666.3	675.4	684.4
62.5°	673.3	668.3	662.3	656.3	677.4	697.4	718.4	738.5	745.5	751.5	758.5
65°	758.5	747.5	735.5	724.5	748.5	772.5	796.6	820.6	825.7	830.7	834.7
67.5°	831.7	818.6	805.6	792.6	820.6	848.7	875.8	903.8	905.8	907.8	909.8
70°	885.8	872.7	859.7	846.7	880.8	914.8	948.9	983.0	984.0	985.0	986.0
72.5°	923.8	910.8	896.8	883.8	918.8	952.9	988.0	1022.0	1025.1	1027.1	1030.1
75°	937.9	918.8	899.8	880.8	911.8	941.9	972.9	1003.0	1000.0	997.0	993.0
77.5°	906.8	872.7	838.7	804.6	819.6	834.7	848.7	863.7	847.7	830.7	814.6
80°	768.5	720.4	671.3	622.2	612.2	602.2	591.2	581.2	551.1	521.0	490.0
82.5°	510.0	461.9	412.8	363.7	332.7	302.6	271.5	240.5	213.4	186.4	158.3
85°	169.3	144.3	119.2	94.2	84.2	75.2	65.1	55.1	51.1	47.1	43.1
87.5°	8.0	9.0	9.0	10.0	9.0	9.0	8.0	7.0	6.0	6.0	5.0
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-PA1-20-750-U-5WQ

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5
2.5°	218.4	218.4	219.4	219.4	219.4	219.4	218.4	219.4	219.4	219.4	219.4
5°	205.4	205.4	206.4	206.4	206.4	206.4	206.4	206.4	206.4	206.4	206.4
7.5°	193.4	190.4	186.4	183.4	179.4	178.4	176.4	178.4	179.4	183.4	186.4
10°	197.4	197.4	198.4	198.4	198.4	198.4	198.4	198.4	198.4	198.4	198.4
12.5°	190.4	186.4	181.4	177.4	172.3	173.3	174.3	173.3	172.3	177.4	181.4
15°	196.4	197.4	198.4	199.4	200.4	200.4	200.4	200.4	200.4	199.4	198.4
17.5°	189.4	185.4	180.4	176.4	171.3	171.3	170.3	171.3	171.3	176.4	180.4
20°	197.4	199.4	201.4	202.4	204.4	204.4	204.4	204.4	204.4	202.4	201.4
22.5°	174.3	174.3	174.3	173.3	173.3	173.3	173.3	173.3	173.3	173.3	174.3
25°	205.4	207.4	209.4	210.4	212.4	212.4	211.4	212.4	212.4	210.4	209.4
27.5°	177.4	178.4	180.4	181.4	182.4	182.4	182.4	182.4	182.4	181.4	180.4
30°	220.4	221.4	222.4	222.4	223.4	223.4	223.4	223.4	223.4	222.4	222.4
32.5°	232.5	241.5	251.5	260.5	269.5	270.5	271.5	270.5	269.5	260.5	251.5
35°	278.6	280.6	283.6	285.6	287.6	288.6	288.6	288.6	287.6	285.6	283.6
37.5°	298.6	300.6	301.6	303.6	304.6	305.6	305.6	305.6	304.6	303.6	301.6
40°	321.6	323.6	324.6	326.7	327.7	327.7	326.7	327.7	327.7	326.7	324.6
42.5°	346.7	347.7	349.7	350.7	351.7	352.7	352.7	352.7	351.7	350.7	349.7
45°	379.8	380.8	381.8	381.8	382.8	383.8	383.8	383.8	382.8	381.8	381.8
47.5°	413.8	415.8	416.8	418.8	419.8	420.8	421.8	420.8	419.8	418.8	416.8
50°	456.9	457.9	459.9	460.9	461.9	461.9	461.9	461.9	461.9	460.9	459.9
52.5°	504.0	505.0	505.0	506.0	506.0	506.0	505.0	506.0	506.0	506.0	505.0
55°	557.1	557.1	557.1	556.1	556.1	556.1	556.1	556.1	556.1	556.1	557.1
57.5°	621.2	621.2	621.2	621.2	621.2	618.2	614.2	618.2	621.2	621.2	621.2
60°	693.4	691.4	688.4	686.4	683.4	682.4	681.4	682.4	683.4	686.4	688.4
62.5°	764.5	761.5	757.5	754.5	750.5	749.5	747.5	749.5	750.5	754.5	757.5
65°	839.7	834.7	829.7	823.6	818.6	817.6	815.6	817.6	818.6	823.6	829.7
67.5°	911.8	906.8	901.8	895.8	890.8	889.8	887.8	889.8	890.8	895.8	901.8
70°	987.0	982.0	977.0	970.9	965.9	965.9	964.9	965.9	965.9	970.9	977.0
72.5°	1032.1	1027.1	1023.0	1018.0	1013.0	1010.0	1007.0	1010.0	1013.0	1018.0	1023.0
75°	990.0	982.0	973.9	964.9	956.9	954.9	952.9	954.9	956.9	964.9	973.9
77.5°	797.6	789.6	780.6	772.5	763.5	755.5	746.5	755.5	763.5	772.5	780.6
80°	459.9	439.9	419.8	399.8	379.8	374.8	369.7	374.8	379.8	399.8	419.8
82.5°	131.3	121.2	110.2	100.2	89.2	89.2	89.2	89.2	89.2	100.2	110.2
85°	39.1	34.1	30.1	25.1	20.0	19.0	18.0	19.0	20.0	25.1	30.1
87.5°	4.0	4.0	4.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	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: P560045

CATALOG NUMBER: SDL-PA1-20-750-U-5WQ

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5
2.5°	218.4	218.4	221.4	224.4	227.5	230.5	231.5	233.5	234.5	235.5	236.5
5°	205.4	205.4	205.4	205.4	205.4	205.4	205.4	205.4	205.4	205.4	205.4
7.5°	190.4	193.4	194.4	195.4	195.4	196.4	197.4	198.4	199.4	200.4	200.4
10°	197.4	197.4	195.4	194.4	192.4	190.4	185.4	180.4	174.3	169.3	169.3
12.5°	186.4	190.4	191.4	192.4	193.4	194.4	190.4	186.4	181.4	177.4	170.3
15°	197.4	196.4	189.4	182.4	174.3	167.3	161.3	156.3	150.3	144.3	141.3
17.5°	185.4	189.4	187.4	185.4	182.4	180.4	175.4	170.3	164.3	159.3	149.3
20°	199.4	197.4	185.4	173.3	160.3	148.3	149.3	149.3	150.3	150.3	150.3
22.5°	174.3	174.3	175.4	176.4	177.4	178.4	170.3	161.3	153.3	144.3	146.3
25°	207.4	205.4	195.4	184.4	174.3	163.3	166.3	169.3	171.3	174.3	166.3
27.5°	178.4	177.4	179.4	182.4	184.4	186.4	180.4	174.3	167.3	161.3	164.3
30°	221.4	220.4	210.4	199.4	189.4	178.4	179.4	180.4	180.4	181.4	177.4
32.5°	241.5	232.5	227.5	222.4	216.4	211.4	205.4	198.4	192.4	185.4	185.4
35°	280.6	278.6	268.5	258.5	248.5	238.5	229.5	221.4	212.4	203.4	201.4
37.5°	300.6	298.6	287.6	277.6	266.5	255.5	246.5	236.5	227.5	217.4	216.4
40°	323.6	321.6	309.6	298.6	286.6	274.5	265.5	256.5	247.5	238.5	236.5
42.5°	347.7	346.7	335.7	323.6	312.6	300.6	291.6	281.6	272.5	262.5	259.5
45°	380.8	379.8	369.7	358.7	348.7	337.7	325.7	312.6	300.6	287.6	283.6
47.5°	415.8	413.8	402.8	392.8	381.8	370.7	356.7	343.7	329.7	315.6	313.6
50°	457.9	456.9	446.9	436.9	425.9	415.8	398.8	380.8	363.7	345.7	345.7
52.5°	505.0	504.0	494.0	484.0	472.9	462.9	445.9	427.9	410.8	392.8	390.8
55°	557.1	557.1	547.1	537.1	527.1	517.0	499.0	481.0	462.9	444.9	443.9
57.5°	621.2	621.2	611.2	601.2	591.2	581.2	563.1	546.1	528.1	510.0	511.0
60°	691.4	693.4	684.4	675.4	666.3	657.3	637.3	617.2	596.2	576.2	579.2
62.5°	761.5	764.5	758.5	751.5	745.5	738.5	718.4	697.4	677.4	656.3	662.3
65°	834.7	839.7	834.7	830.7	825.7	820.6	796.6	772.5	748.5	724.5	735.5
67.5°	906.8	911.8	909.8	907.8	905.8	903.8	875.8	848.7	820.6	792.6	805.6
70°	982.0	987.0	986.0	985.0	984.0	983.0	948.9	914.8	880.8	846.7	859.7
72.5°	1027.1	1032.1	1030.1	1027.1	1025.1	1022.0	988.0	952.9	918.8	883.8	896.8
75°	982.0	990.0	993.0	997.0	1000.0	1003.0	972.9	941.9	911.8	880.8	899.8
77.5°	789.6	797.6	814.6	830.7	847.7	863.7	848.7	834.7	819.6	804.6	838.7
80°	439.9	459.9	490.0	521.0	551.1	581.2	591.2	602.2	612.2	622.2	671.3
82.5°	121.2	131.3	158.3	186.4	213.4	240.5	271.5	302.6	332.7	363.7	412.8
85°	34.1	39.1	43.1	47.1	51.1	55.1	65.1	75.2	84.2	94.2	119.2
87.5°	4.0	4.0	5.0	6.0	6.0	7.0	8.0	9.0	9.0	10.0	9.0
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-PA1-20-750-U-5WQ

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5
2.5°	237.5	238.5	239.5	240.5	240.5	241.5	241.5	242.5	242.5	243.5	243.5
5°	205.4	205.4	205.4	206.4	207.4	208.4	209.4	214.4	218.4	223.4	227.5
7.5°	200.4	199.4	199.4	198.4	198.4	197.4	196.4	194.4	191.4	189.4	186.4
10°	170.3	170.3	170.3	167.3	165.3	162.3	159.3	158.3	156.3	155.3	153.3
12.5°	164.3	157.3	150.3	148.3	146.3	144.3	142.3	143.3	144.3	145.3	146.3
15°	137.3	134.3	130.3	129.3	128.3	126.3	125.3	125.3	126.3	126.3	126.3
17.5°	139.3	129.3	119.2	124.2	130.3	135.3	140.3	138.3	136.3	133.3	131.3
20°	149.3	149.3	148.3	145.3	141.3	138.3	134.3	131.3	129.3	126.3	123.2
22.5°	148.3	150.3	152.3	147.3	142.3	136.3	131.3	137.3	142.3	148.3	153.3
25°	158.3	149.3	141.3	145.3	149.3	153.3	157.3	152.3	147.3	142.3	137.3
27.5°	167.3	169.3	172.3	167.3	162.3	157.3	152.3	156.3	160.3	163.3	167.3
30°	172.3	168.3	163.3	165.3	168.3	170.3	172.3	177.4	182.4	186.4	191.4
32.5°	185.4	184.4	184.4	184.4	185.4	185.4	185.4	195.4	204.4	214.4	223.4
35°	200.4	198.4	196.4	198.4	200.4	202.4	204.4	212.4	219.4	227.5	234.5
37.5°	215.4	213.4	212.4	212.4	212.4	212.4	212.4	221.4	230.5	238.5	247.5
40°	234.5	231.5	229.5	228.5	227.5	225.5	224.4	235.5	246.5	257.5	268.5
42.5°	255.5	252.5	248.5	247.5	246.5	244.5	243.5	255.5	267.5	278.6	290.6
45°	280.6	276.6	272.5	271.5	269.5	268.5	266.5	278.6	290.6	302.6	314.6
47.5°	310.6	308.6	305.6	303.6	300.6	298.6	295.6	307.6	320.6	332.7	344.7
50°	344.7	344.7	343.7	339.7	335.7	331.7	327.7	339.7	351.7	363.7	375.8
52.5°	389.8	387.8	385.8	381.8	377.8	372.7	368.7	380.8	391.8	403.8	414.8
55°	443.9	442.9	441.9	435.9	429.9	423.8	417.8	428.9	440.9	451.9	462.9
57.5°	511.0	512.0	512.0	504.0	496.0	487.0	479.0	491.0	503.0	514.0	526.1
60°	583.2	586.2	589.2	579.2	569.1	558.1	548.1	559.1	569.1	580.2	590.2
62.5°	668.3	673.3	679.4	664.3	649.3	634.3	619.2	631.3	643.3	654.3	666.3
65°	747.5	758.5	769.5	751.5	733.5	715.4	697.4	709.4	722.4	734.5	746.5
67.5°	818.6	831.7	844.7	826.7	807.6	789.6	770.5	784.6	798.6	811.6	825.7
70°	872.7	885.8	898.8	881.8	864.7	847.7	830.7	842.7	854.7	866.7	878.8
72.5°	910.8	923.8	936.9	915.8	894.8	872.7	851.7	865.7	879.8	892.8	906.8
75°	918.8	937.9	956.9	928.9	899.8	871.7	842.7	852.7	862.7	872.7	882.8
77.5°	872.7	906.8	940.9	900.8	859.7	819.6	778.6	777.6	775.6	774.6	772.5
80°	720.4	768.5	817.6	770.5	724.5	677.4	630.3	612.2	594.2	576.2	558.1
82.5°	461.9	510.0	559.1	507.0	454.9	401.8	349.7	308.6	268.5	227.5	186.4
85°	144.3	169.3	194.4	173.3	152.3	131.3	110.2	96.2	82.2	68.1	54.1
87.5°	9.0	8.0	7.0	8.0	8.0	9.0	9.0	8.0	8.0	7.0	6.0
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-PA1-20-750-U-5WQ

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5
2.5°	243.5	243.5	242.5	242.5	242.5	243.5	243.5	243.5	243.5	243.5	243.5
5°	229.5	232.5	234.5	236.5	237.5	237.5	238.5	238.5	238.5	238.5	238.5
7.5°	190.4	195.4	199.4	203.4	204.4	205.4	205.4	206.4	206.4	205.4	206.4
10°	154.3	156.3	157.3	158.3	163.3	169.3	174.3	179.4	179.4	179.4	179.4
12.5°	143.3	140.3	136.3	133.3	138.3	143.3	148.3	153.3	153.3	153.3	153.3
15°	130.3	134.3	138.3	142.3	149.3	157.3	164.3	171.3	171.3	171.3	171.3
17.5°	132.3	132.3	133.3	133.3	137.3	140.3	144.3	147.3	148.3	148.3	148.3
20°	128.3	133.3	138.3	143.3	151.3	159.3	166.3	174.3	175.4	176.4	175.4
22.5°	150.3	147.3	143.3	140.3	140.3	140.3	139.3	139.3	140.3	140.3	140.3
25°	146.3	154.3	163.3	171.3	177.4	182.4	188.4	193.4	193.4	192.4	193.4
27.5°	172.3	177.4	182.4	187.4	196.4	204.4	213.4	221.4	223.4	224.4	223.4
30°	204.4	216.4	229.5	241.5	247.5	253.5	259.5	265.5	265.5	265.5	265.5
32.5°	230.5	237.5	244.5	251.5	257.5	264.5	270.5	276.6	276.6	276.6	276.6
35°	242.5	250.5	257.5	265.5	271.5	277.6	282.6	288.6	289.6	289.6	289.6
37.5°	257.5	266.5	276.6	285.6	290.6	294.6	299.6	303.6	304.6	305.6	304.6
40°	278.6	288.6	298.6	308.6	312.6	316.6	319.6	323.6	323.6	323.6	323.6
42.5°	301.6	311.6	322.6	332.7	336.7	340.7	344.7	348.7	349.7	350.7	349.7
45°	326.7	338.7	350.7	362.7	367.7	372.7	376.8	381.8	382.8	383.8	382.8
47.5°	359.7	373.7	388.8	402.8	406.8	410.8	414.8	418.8	418.8	418.8	418.8
50°	394.8	412.8	431.9	449.9	451.9	454.9	456.9	458.9	459.9	459.9	459.9
52.5°	435.9	456.9	477.0	498.0	499.0	501.0	502.0	503.0	503.0	502.0	503.0
55°	486.0	508.0	531.1	553.1	553.1	554.1	554.1	554.1	553.1	551.1	553.1
57.5°	548.1	570.1	591.2	613.2	612.2	611.2	610.2	609.2	609.2	608.2	609.2
60°	611.2	633.3	654.3	675.4	673.3	670.3	668.3	665.3	664.3	662.3	664.3
62.5°	683.4	701.4	718.4	735.5	731.5	727.5	723.4	719.4	719.4	719.4	719.4
65°	759.5	773.5	786.6	799.6	795.6	792.6	788.6	784.6	782.6	780.6	782.6
67.5°	835.7	845.7	854.7	864.7	859.7	854.7	849.7	844.7	842.7	839.7	842.7
70°	888.8	898.8	908.8	918.8	913.8	908.8	902.8	897.8	896.8	895.8	896.8
72.5°	918.8	930.9	942.9	954.9	951.9	947.9	944.9	940.9	939.9	937.9	939.9
75°	891.8	901.8	910.8	919.8	914.8	909.8	904.8	899.8	896.8	892.8	896.8
77.5°	772.5	773.5	773.5	773.5	767.5	761.5	755.5	749.5	747.5	744.5	747.5
80°	537.1	516.0	495.0	473.9	453.9	433.9	413.8	393.8	388.8	382.8	388.8
82.5°	169.3	151.3	134.3	116.2	108.2	99.2	91.2	82.2	79.2	75.2	79.2
85°	51.1	48.1	44.1	41.1	38.1	35.1	31.1	28.1	26.1	24.0	26.1
87.5°	5.0	5.0	4.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	3.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: SDL-PA1-20-750-U-5WQ

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5
2.5°	243.5	243.5	243.5	242.5	242.5	242.5	243.5	243.5	243.5	243.5	242.5
5°	238.5	238.5	237.5	237.5	236.5	234.5	232.5	229.5	227.5	223.4	218.4
7.5°	206.4	205.4	205.4	204.4	203.4	199.4	195.4	190.4	186.4	189.4	191.4
10°	179.4	174.3	169.3	163.3	158.3	157.3	156.3	154.3	153.3	155.3	156.3
12.5°	153.3	148.3	143.3	138.3	133.3	136.3	140.3	143.3	146.3	145.3	144.3
15°	171.3	164.3	157.3	149.3	142.3	138.3	134.3	130.3	126.3	126.3	126.3
17.5°	147.3	144.3	140.3	137.3	133.3	133.3	132.3	132.3	131.3	133.3	136.3
20°	174.3	166.3	159.3	151.3	143.3	138.3	133.3	128.3	123.2	126.3	129.3
22.5°	139.3	139.3	140.3	140.3	140.3	143.3	147.3	150.3	153.3	148.3	142.3
25°	193.4	188.4	182.4	177.4	171.3	163.3	154.3	146.3	137.3	142.3	147.3
27.5°	221.4	213.4	204.4	196.4	187.4	182.4	177.4	172.3	167.3	163.3	160.3
30°	265.5	259.5	253.5	247.5	241.5	229.5	216.4	204.4	191.4	186.4	182.4
32.5°	276.6	270.5	264.5	257.5	251.5	244.5	237.5	230.5	223.4	214.4	204.4
35°	288.6	282.6	277.6	271.5	265.5	257.5	250.5	242.5	234.5	227.5	219.4
37.5°	303.6	299.6	294.6	290.6	285.6	276.6	266.5	257.5	247.5	238.5	230.5
40°	323.6	319.6	316.6	312.6	308.6	298.6	288.6	278.6	268.5	257.5	246.5
42.5°	348.7	344.7	340.7	336.7	332.7	322.6	311.6	301.6	290.6	278.6	267.5
45°	381.8	376.8	372.7	367.7	362.7	350.7	338.7	326.7	314.6	302.6	290.6
47.5°	418.8	414.8	410.8	406.8	402.8	388.8	373.7	359.7	344.7	332.7	320.6
50°	458.9	456.9	454.9	451.9	449.9	431.9	412.8	394.8	375.8	363.7	351.7
52.5°	503.0	502.0	501.0	499.0	498.0	477.0	456.9	435.9	414.8	403.8	391.8
55°	554.1	554.1	554.1	553.1	553.1	531.1	508.0	486.0	462.9	451.9	440.9
57.5°	609.2	610.2	611.2	612.2	613.2	591.2	570.1	548.1	526.1	514.0	503.0
60°	665.3	668.3	670.3	673.3	675.4	654.3	633.3	611.2	590.2	580.2	569.1
62.5°	719.4	723.4	727.5	731.5	735.5	718.4	701.4	683.4	666.3	654.3	643.3
65°	784.6	788.6	792.6	795.6	799.6	786.6	773.5	759.5	746.5	734.5	722.4
67.5°	844.7	849.7	854.7	859.7	864.7	854.7	845.7	835.7	825.7	811.6	798.6
70°	897.8	902.8	908.8	913.8	918.8	908.8	898.8	888.8	878.8	866.7	854.7
72.5°	940.9	944.9	947.9	951.9	954.9	942.9	930.9	918.8	906.8	892.8	879.8
75°	899.8	904.8	909.8	914.8	919.8	910.8	901.8	891.8	882.8	872.7	862.7
77.5°	749.5	755.5	761.5	767.5	773.5	773.5	773.5	772.5	772.5	774.6	775.6
80°	393.8	413.8	433.9	453.9	473.9	495.0	516.0	537.1	558.1	576.2	594.2
82.5°	82.2	91.2	99.2	108.2	116.2	134.3	151.3	169.3	186.4	227.5	268.5
85°	28.1	31.1	35.1	38.1	41.1	44.1	48.1	51.1	54.1	68.1	82.2
87.5°	3.0	3.0	3.0	3.0	3.0	4.0	5.0	5.0	6.0	7.0	8.0
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: P560045

CATALOG NUMBER: SDL-PA1-20-750-U-5WQ

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5
2.5°	242.5	241.5	241.5	240.5	240.5	239.5	238.5	237.5	236.5	235.5	234.5
5°	214.4	209.4	208.4	207.4	206.4	205.4	205.4	205.4	205.4	205.4	205.4
7.5°	194.4	196.4	197.4	198.4	198.4	199.4	199.4	200.4	200.4	200.4	199.4
10°	158.3	159.3	162.3	165.3	167.3	170.3	170.3	170.3	169.3	169.3	174.3
12.5°	143.3	142.3	144.3	146.3	148.3	150.3	157.3	164.3	170.3	177.4	181.4
15°	125.3	125.3	126.3	128.3	129.3	130.3	134.3	137.3	141.3	144.3	150.3
17.5°	138.3	140.3	135.3	130.3	124.2	119.2	129.3	139.3	149.3	159.3	164.3
20°	131.3	134.3	138.3	141.3	145.3	148.3	149.3	149.3	150.3	150.3	150.3
22.5°	137.3	131.3	136.3	142.3	147.3	152.3	150.3	148.3	146.3	144.3	153.3
25°	152.3	157.3	153.3	149.3	145.3	141.3	149.3	158.3	166.3	174.3	171.3
27.5°	156.3	152.3	157.3	162.3	167.3	172.3	169.3	167.3	164.3	161.3	167.3
30°	177.4	172.3	170.3	168.3	165.3	163.3	168.3	172.3	177.4	181.4	180.4
32.5°	195.4	185.4	185.4	185.4	184.4	184.4	184.4	185.4	185.4	185.4	192.4
35°	212.4	204.4	202.4	200.4	198.4	196.4	198.4	200.4	201.4	203.4	212.4
37.5°	221.4	212.4	212.4	212.4	212.4	212.4	213.4	215.4	216.4	217.4	227.5
40°	235.5	224.4	225.5	227.5	228.5	229.5	231.5	234.5	236.5	238.5	247.5
42.5°	255.5	243.5	244.5	246.5	247.5	248.5	252.5	255.5	259.5	262.5	272.5
45°	278.6	266.5	268.5	269.5	271.5	272.5	276.6	280.6	283.6	287.6	300.6
47.5°	307.6	295.6	298.6	300.6	303.6	305.6	308.6	310.6	313.6	315.6	329.7
50°	339.7	327.7	331.7	335.7	339.7	343.7	344.7	344.7	345.7	345.7	363.7
52.5°	380.8	368.7	372.7	377.8	381.8	385.8	387.8	389.8	390.8	392.8	410.8
55°	428.9	417.8	423.8	429.9	435.9	441.9	442.9	443.9	443.9	444.9	462.9
57.5°	491.0	479.0	487.0	496.0	504.0	512.0	512.0	511.0	511.0	510.0	528.1
60°	559.1	548.1	558.1	569.1	579.2	589.2	586.2	583.2	579.2	576.2	596.2
62.5°	631.3	619.2	634.3	649.3	664.3	679.4	673.3	668.3	662.3	656.3	677.4
65°	709.4	697.4	715.4	733.5	751.5	769.5	758.5	747.5	735.5	724.5	748.5
67.5°	784.6	770.5	789.6	807.6	826.7	844.7	831.7	818.6	805.6	792.6	820.6
70°	842.7	830.7	847.7	864.7	881.8	898.8	885.8	872.7	859.7	846.7	880.8
72.5°	865.7	851.7	872.7	894.8	915.8	936.9	923.8	910.8	896.8	883.8	918.8
75°	852.7	842.7	871.7	899.8	928.9	956.9	937.9	918.8	899.8	880.8	911.8
77.5°	777.6	778.6	819.6	859.7	900.8	940.9	906.8	872.7	838.7	804.6	819.6
80°	612.2	630.3	677.4	724.5	770.5	817.6	768.5	720.4	671.3	622.2	612.2
82.5°	308.6	349.7	401.8	454.9	507.0	559.1	510.0	461.9	412.8	363.7	332.7
85°	96.2	110.2	131.3	152.3	173.3	194.4	169.3	144.3	119.2	94.2	84.2
87.5°	8.0	9.0	9.0	8.0	8.0	7.0	8.0	9.0	9.0	10.0	9.0
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°	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5
2.5°	233.5	231.5	230.5	227.5	224.4	221.4	218.4	218.4	219.4	219.4	219.4
5°	205.4	205.4	205.4	205.4	205.4	205.4	205.4	205.4	206.4	206.4	206.4
7.5°	198.4	197.4	196.4	195.4	195.4	194.4	193.4	190.4	186.4	183.4	179.4
10°	180.4	185.4	190.4	192.4	194.4	195.4	197.4	197.4	198.4	198.4	198.4
12.5°	186.4	190.4	194.4	193.4	192.4	191.4	190.4	186.4	181.4	177.4	172.3
15°	156.3	161.3	167.3	174.3	182.4	189.4	196.4	197.4	198.4	199.4	200.4
17.5°	170.3	175.4	180.4	182.4	185.4	187.4	189.4	185.4	180.4	176.4	171.3
20°	149.3	149.3	148.3	160.3	173.3	185.4	197.4	199.4	201.4	202.4	204.4
22.5°	161.3	170.3	178.4	177.4	176.4	175.4	174.3	174.3	174.3	173.3	173.3
25°	169.3	166.3	163.3	174.3	184.4	195.4	205.4	207.4	209.4	210.4	212.4
27.5°	174.3	180.4	186.4	184.4	182.4	179.4	177.4	178.4	180.4	181.4	182.4
30°	180.4	179.4	178.4	189.4	199.4	210.4	220.4	221.4	222.4	222.4	223.4
32.5°	198.4	205.4	211.4	216.4	222.4	227.5	232.5	241.5	251.5	260.5	269.5
35°	221.4	229.5	238.5	248.5	258.5	268.5	278.6	280.6	283.6	285.6	287.6
37.5°	236.5	246.5	255.5	266.5	277.6	287.6	298.6	300.6	301.6	303.6	304.6
40°	256.5	265.5	274.5	286.6	298.6	309.6	321.6	323.6	324.6	326.7	327.7
42.5°	281.6	291.6	300.6	312.6	323.6	335.7	346.7	347.7	349.7	350.7	351.7
45°	312.6	325.7	337.7	348.7	358.7	369.7	379.8	380.8	381.8	381.8	382.8
47.5°	343.7	356.7	370.7	381.8	392.8	402.8	413.8	415.8	416.8	418.8	419.8
50°	380.8	398.8	415.8	425.9	436.9	446.9	456.9	457.9	459.9	460.9	461.9
52.5°	427.9	445.9	462.9	472.9	484.0	494.0	504.0	505.0	505.0	506.0	506.0
55°	481.0	499.0	517.0	527.1	537.1	547.1	557.1	557.1	557.1	556.1	556.1
57.5°	546.1	563.1	581.2	591.2	601.2	611.2	621.2	621.2	621.2	621.2	621.2
60°	617.2	637.3	657.3	666.3	675.4	684.4	693.4	691.4	688.4	686.4	683.4
62.5°	697.4	718.4	738.5	745.5	751.5	758.5	764.5	761.5	757.5	754.5	750.5
65°	772.5	796.6	820.6	825.7	830.7	834.7	839.7	834.7	829.7	823.6	818.6
67.5°	848.7	875.8	903.8	905.8	907.8	909.8	911.8	906.8	901.8	895.8	890.8
70°	914.8	948.9	983.0	984.0	985.0	986.0	987.0	982.0	977.0	970.9	965.9
72.5°	952.9	988.0	1022.0	1025.1	1027.1	1030.1	1032.1	1027.1	1023.0	1018.0	1013.0
75°	941.9	972.9	1003.0	1000.0	997.0	993.0	990.0	982.0	973.9	964.9	956.9
77.5°	834.7	848.7	863.7	847.7	830.7	814.6	797.6	789.6	780.6	772.5	763.5
80°	602.2	591.2	581.2	551.1	521.0	490.0	459.9	439.9	419.8	399.8	379.8
82.5°	302.6	271.5	240.5	213.4	186.4	158.3	131.3	121.2	110.2	100.2	89.2
85°	75.2	65.1	55.1	51.1	47.1	43.1	39.1	34.1	30.1	25.1	20.0
87.5°	9.0	8.0	7.0	6.0	6.0	5.0	4.0	4.0	4.0	3.0	3.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: SDL-PA1-20-750-U-5WQ

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	246.5	246.5
2.5°	219.4	218.4
5°	206.4	206.4
7.5°	178.4	176.4
10°	198.4	198.4
12.5°	173.3	174.3
15°	200.4	200.4
17.5°	171.3	170.3
20°	204.4	204.4
22.5°	173.3	173.3
25°	212.4	211.4
27.5°	182.4	182.4
30°	223.4	223.4
32.5°	270.5	271.5
35°	288.6	288.6
37.5°	305.6	305.6
40°	327.7	326.7
42.5°	352.7	352.7
45°	383.8	383.8
47.5°	420.8	421.8
50°	461.9	461.9
52.5°	506.0	505.0
55°	556.1	556.1
57.5°	618.2	614.2
60°	682.4	681.4
62.5°	749.5	747.5
65°	817.6	815.6
67.5°	889.8	887.8
70°	965.9	964.9
72.5°	1010.0	1007.0
75°	954.9	952.9
77.5°	755.5	746.5
80°	374.8	369.7
82.5°	89.2	89.2
85°	19.0	18.0
87.5°	3.0	3.0
90°	0.0	0.0



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